

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066392.D
 Acq On : 24 Aug 2020 20:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 25 02:43:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	233065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	349788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	333552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164229	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	130360	57.05	ug/l	0.00
Spiked Amount						
			Recovery	=	114.10%	
35) Dibromofluoromethane	7.91	113	117330	53.64	ug/l	0.00
Spiked Amount						
			Recovery	=	107.28%	
50) Toluene-d8	10.33	98	435419	54.41	ug/l	0.00
Spiked Amount						
			Recovery	=	108.82%	
62) 4-Bromofluorobenzene	12.63	95	156214	55.01	ug/l	0.00
Spiked Amount						
			Recovery	=	110.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	81152	40.957	ug/l	99
3) Chloromethane	2.20	50	71832	51.145	ug/l	97
4) Vinyl Chloride	2.34	62	71519	47.428	ug/l	100
5) Bromomethane	2.76	94	54841	48.622	ug/l	95
6) Chloroethane	2.91	64	47901	49.608	ug/l #	88
7) Trichlorofluoromethane	3.26	101	185504	45.239	ug/l	97
8) Diethyl Ether	3.70	74	51526	56.083	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.08	101	94549	46.722	ug/l	99
10) Methyl Iodide	4.29	142	108721	47.105	ug/l	95
11) Tert butyl alcohol	5.23	59	39720	314.595	ug/l #	86
12) 1,1-Dichloroethene	4.06	96	95813	50.440	ug/l	96
13) Acrolein	3.92	56	24155	238.059	ug/l	93
14) Allyl chloride	4.71	41	136792	53.952	ug/l	96
15) Acrylonitrile	5.41	53	107531	291.709	ug/l	96
16) Acetone	4.16	43	88123	213.921	ug/l	96
17) Carbon Disulfide	4.40	76	290352	50.436	ug/l	100
18) Methyl Acetate	4.71	43	46608	60.283	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	260577	56.970	ug/l #	92
20) Methylene Chloride	4.96	84	117641	53.940	ug/l #	93
21) trans-1,2-Dichloroethene	5.46	96	115182	52.091	ug/l	98
22) Diisopropyl ether	6.36	45	277935	56.619	ug/l	95
23) Vinyl Acetate	6.30	43	861965	283.642	ug/l	99
24) 1,1-Dichloroethane	6.26	63	189422	54.604	ug/l	99
25) 2-Butanone	7.21	43	127239	272.078	ug/l	97
26) 2,2-Dichloropropane	7.20	77	166198	44.700	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	132479	55.915	ug/l	96
28) Bromochloromethane	7.54	49	73552	61.553	ug/l	99
29) Tetrahydrofuran	7.56	42	76029	286.229	ug/l	97
30) Chloroform	7.71	83	214158	53.358	ug/l	94
31) Cyclohexane	7.97	56	142921	45.047	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	207714	50.566	ug/l	99
36) 1,1-Dichloropropene	8.11	75	150947	47.295	ug/l	100
37) Ethyl Acetate	7.29	43	57184	52.679	ug/l #	90
38) Carbon Tetrachloride	8.09	117	189805	45.647	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	174935	46.530	ug/l	98
40) Benzene	8.34	78	432321	51.491	ug/l	98
41) Methacrylonitrile	7.52	41	35503	53.036	ug/l #	89
42) 1,2-Dichloroethane	8.42	62	153473	51.900	ug/l	98
43) Isopropyl Acetate	8.45	43	118263	54.280	ug/l	100
44) Trichloroethene	9.11	130	137497	50.398	ug/l	95
45) 1,2-Dichloropropane	9.38	63	99121	52.075	ug/l	99
46) Dibromomethane	9.47	93	64677	54.574	ug/l	99
47) Bromodichloromethane	9.66	83	175062	53.714	ug/l	99
48) Methyl methacrylate	9.45	41	59346	52.821	ug/l	96
49) 1,4-Dioxane	9.46	88	15053	1093.880	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	292207	277.235	ug/l	98
52) Toluene	10.40	92	294252	51.729	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	157173	50.824	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	178352	51.380	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	85996	53.601	ug/l	93
56) Ethyl methacrylate	10.66	69	108381	58.355	ug/l	99
57) 1,3-Dichloropropane	10.94	76	142396	53.657	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	230206	298.437	ug/l	100
59) 2-Hexanone	10.98	43	204338	274.848	ug/l	98
60) Dibromochloromethane	11.14	129	128310	53.057	ug/l	98
61) 1,2-Dibromoethane	11.24	107	86599	54.849	ug/l	95
64) Tetrachloroethene	10.87	164	125997	49.795	ug/l	98
65) Chlorobenzene	11.67	112	331715	49.987	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	134613	49.637	ug/l	98
67) Ethyl Benzene	11.74	91	571812	48.952	ug/l	100
68) m/p-Xylenes	11.85	106	427153	95.940	ug/l	97
69) o-Xylene	12.18	106	205325	49.572	ug/l	98
70) Styrene	12.19	104	354297	49.817	ug/l	99
71) Bromoform	12.36	173	78730	51.170	ug/l #	98
73) Isopropylbenzene	12.48	105	565628	51.413	ug/l	99
74) N-amyl acetate	12.28	43	112053	56.393	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	84302	53.640	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	117603	101.789	ug/l #	1
77) Bromobenzene	12.76	156	146737	52.550	ug/l	97
78) n-propylbenzene	12.82	91	628456	49.820	ug/l	100
79) 2-Chlorotoluene	12.91	91	373171	51.796	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	480499	50.584	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	26405	48.512	ug/l	97
82) 4-Chlorotoluene	13.00	91	387139	50.719	ug/l	100
83) tert-Butylbenzene	13.22	119	419052	50.790	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	479438	51.387	ug/l	99
85) sec-Butylbenzene	13.40	105	524707	48.539	ug/l	100
86) p-Isopropyltoluene	13.51	119	509958	48.924	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	262192	50.302	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	262418	50.141	ug/l	99
89) n-Butylbenzene	13.84	91	444371	48.311	ug/l	100
90) Hexachloroethane	14.11	117	100261	48.693	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	231037	51.489	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18224	55.287	ug/l	95

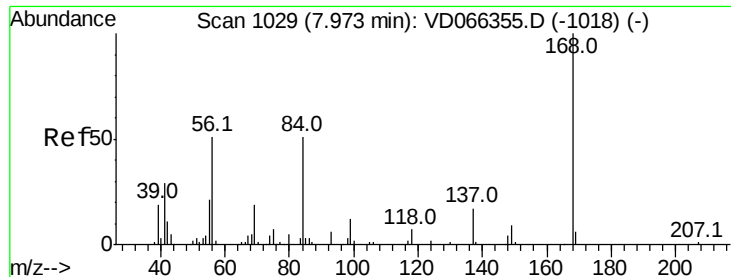
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	180680	51.578	ug/l	99
94) Hexachlorobutadiene	15.27	225	105375	48.405	ug/l	96
95) Naphthalene	15.40	128	310912	56.508	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	158553	52.836	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

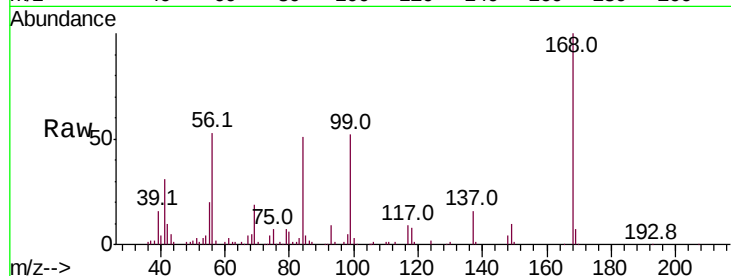
VSTDCCC050EC

Tot Ion:168 Resp: 233065

Ion Ratio Lower Upper

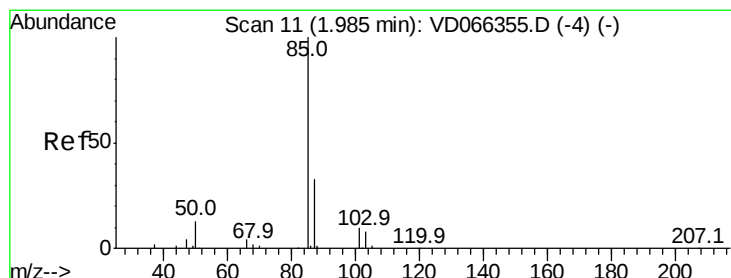
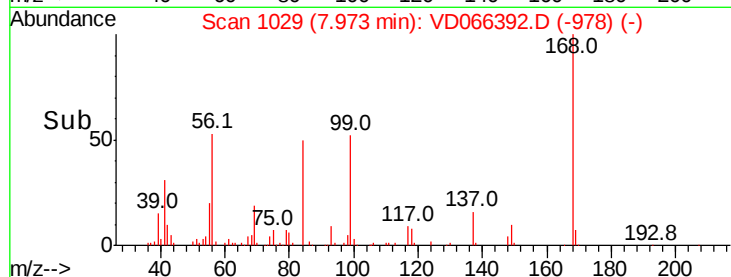
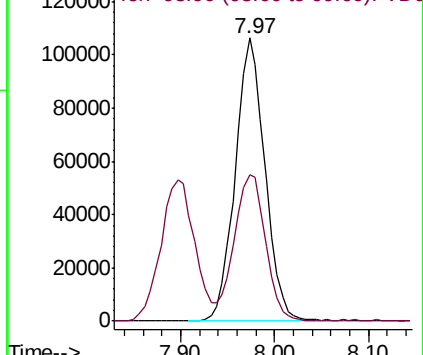
168 100

99 51.5 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 40.957 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066392.D

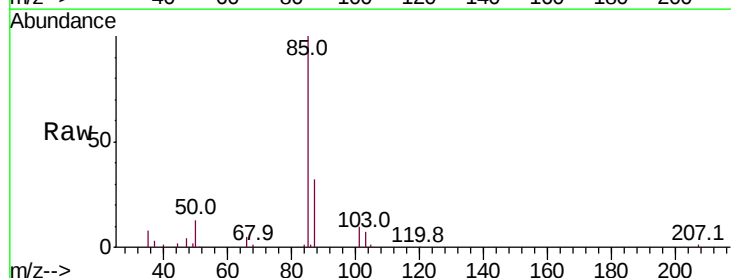
Acq: 24 Aug 2020 20:21

Tgt Ion: 85 Resp: 81152

Ion Ratio Lower Upper

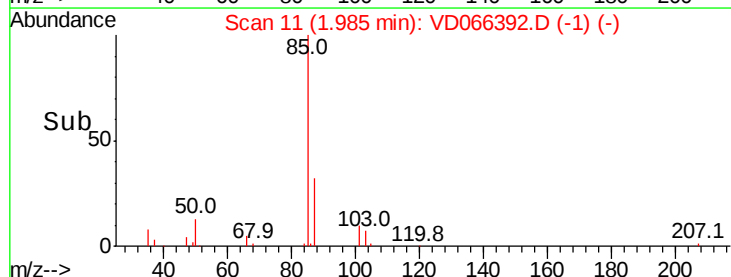
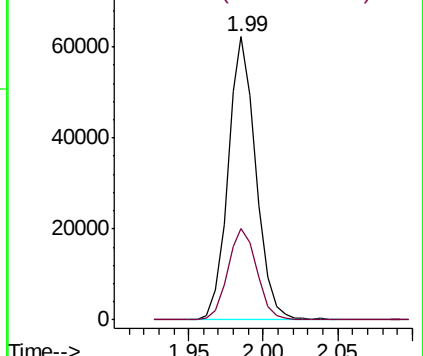
85 100

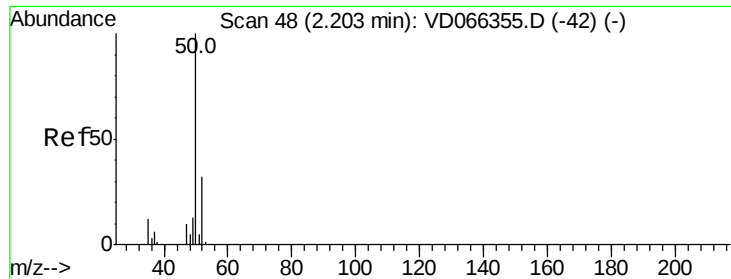
87 32.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 51.145 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

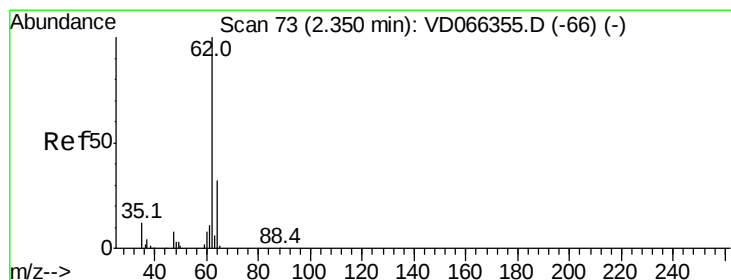
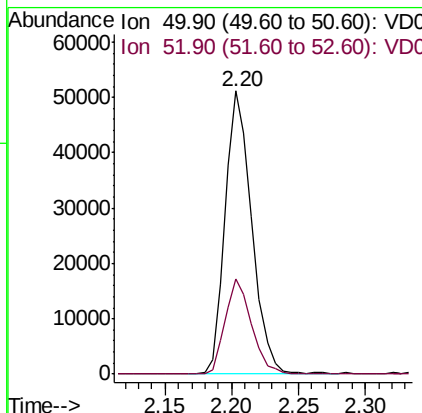
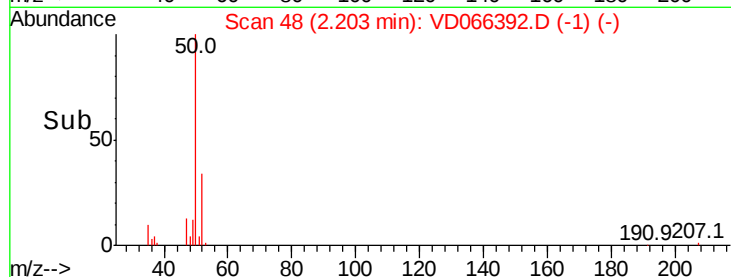
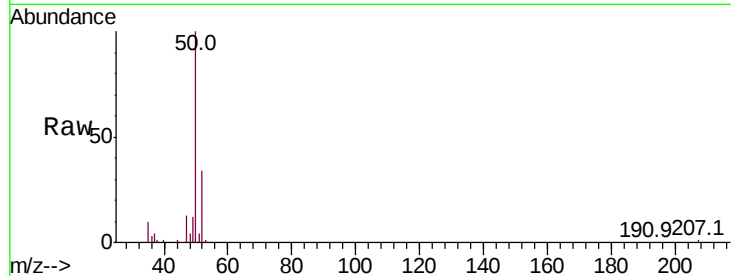
VSTDCCC050EC

Tot Ion: 50 Resp: 71832

Ion Ratio Lower Upper

50 100

52 33.7 25.7 38.5



#4

Vinyl Chloride

Concen: 47.428 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066392.D

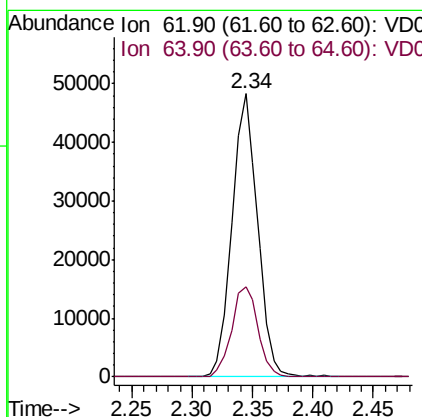
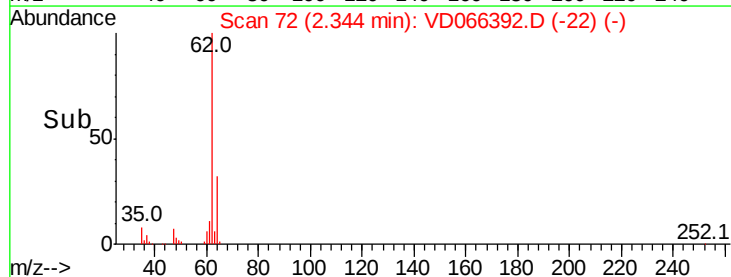
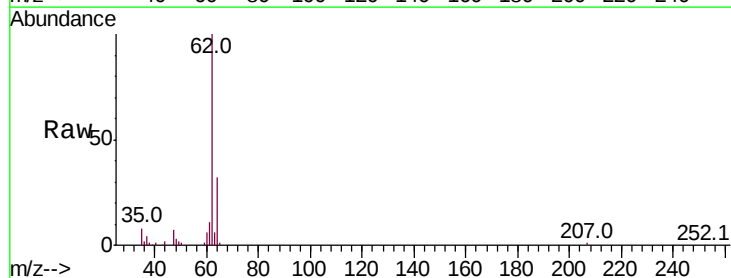
Acq: 24 Aug 2020 20:21

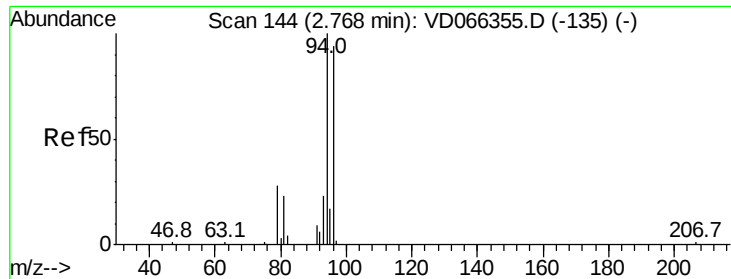
Tgt Ion: 62 Resp: 71519

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2





#5

Bromomethane

Concen: 48.622 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

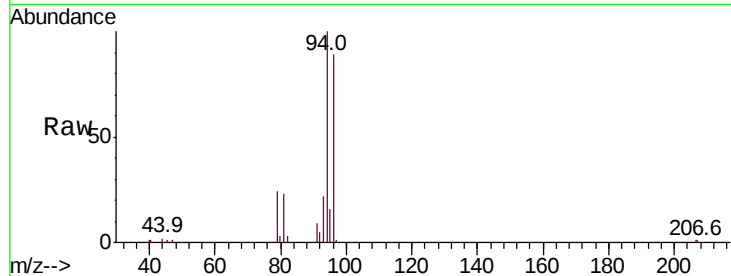
VSTDCCC050EC

Tot Ion: 94 Resp: 54841

Ion Ratio Lower Upper

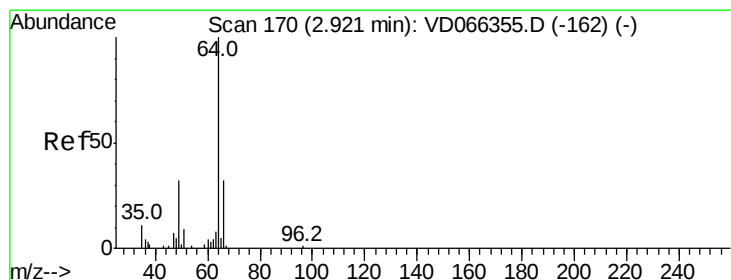
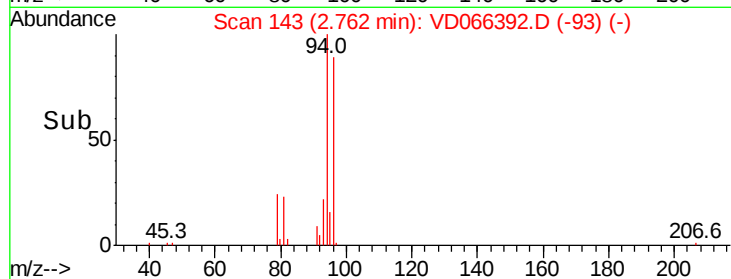
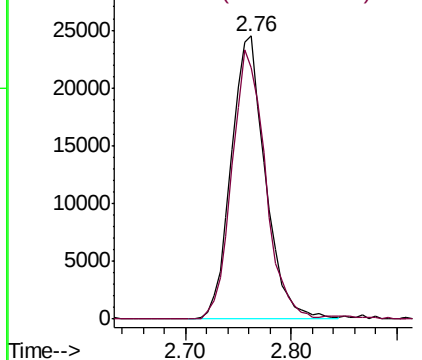
94 100

96 88.6 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.608 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066392.D

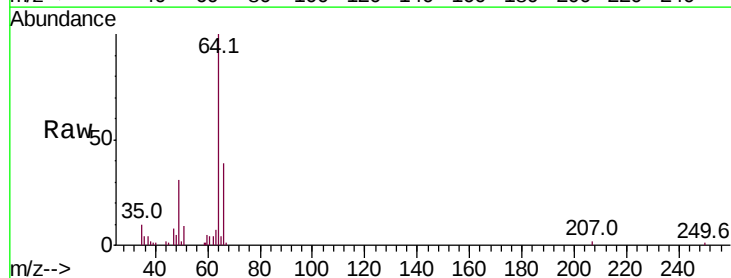
Acq: 24 Aug 2020 20:21

Tgt Ion: 64 Resp: 47901

Ion Ratio Lower Upper

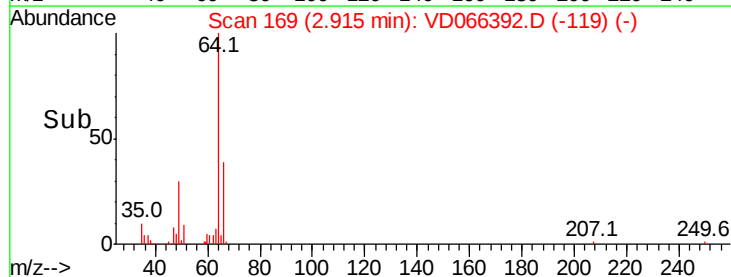
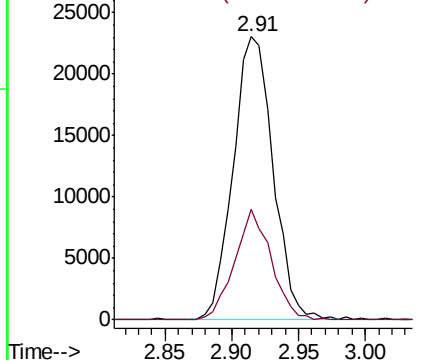
64 100

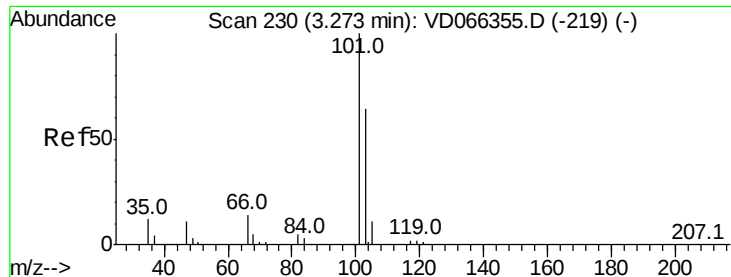
66 39.1 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 45.239 ug/l

RT: 3.26 min Scan# 228

Delta R.T. -0.01 min

Lab File: VD066392.D

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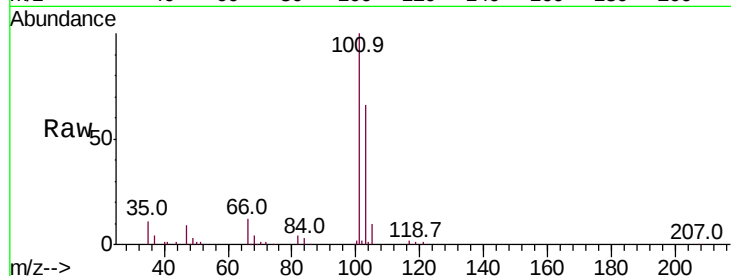
VSTDCCC050EC

Tot Ion:101 Resp: 185504

Ion Ratio Lower Upper

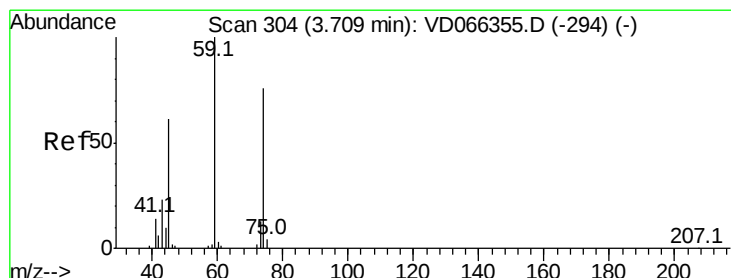
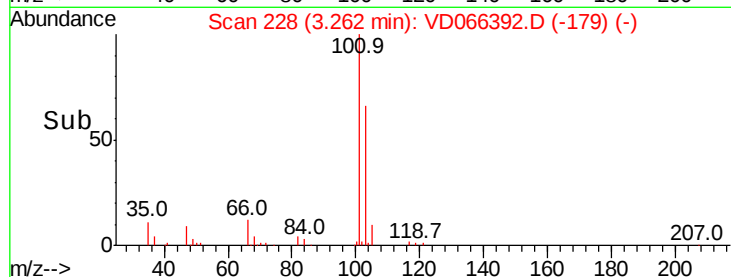
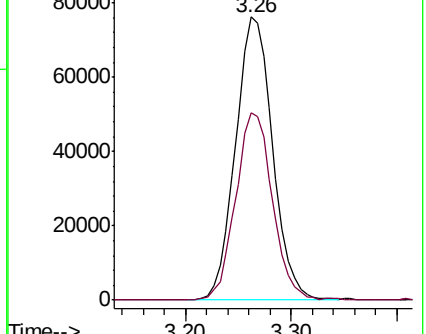
101 100

103 66.2 51.4 77.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 56.083 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD066392.D

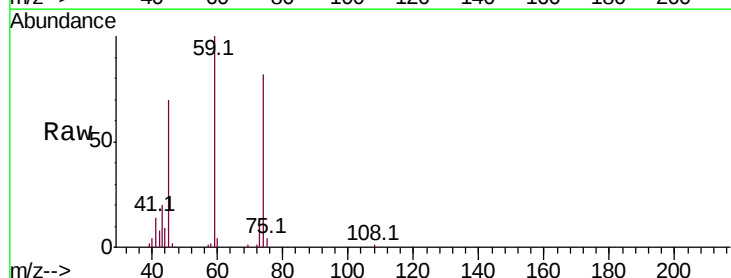
Acq: 24 Aug 2020 20:21

Tgt Ion: 74 Resp: 51526

Ion Ratio Lower Upper

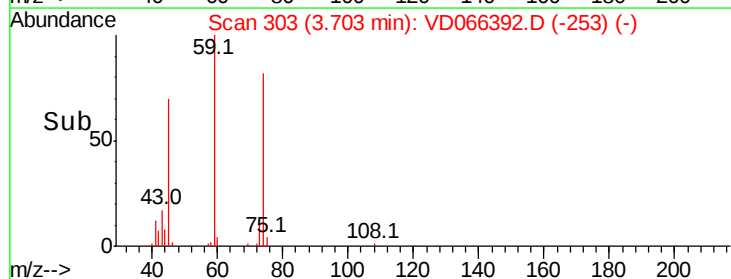
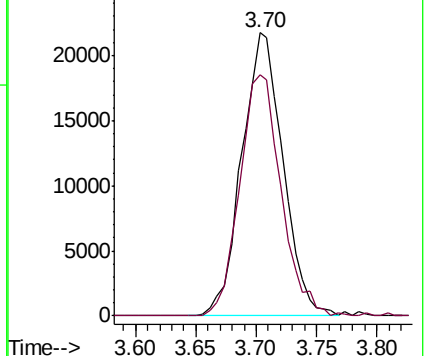
74 100

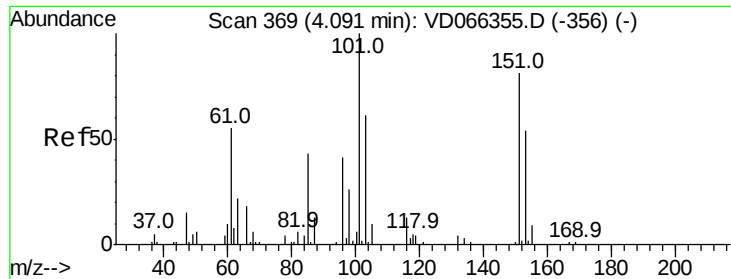
45 85.8 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.722 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

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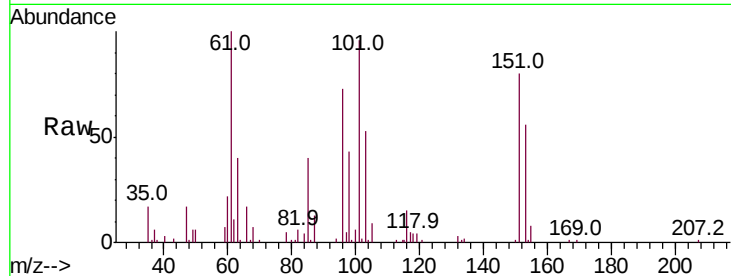
Tot Ion:101 Resp: 94549

Ion Ratio Lower Upper

101 100

85 43.3 36.4 54.6

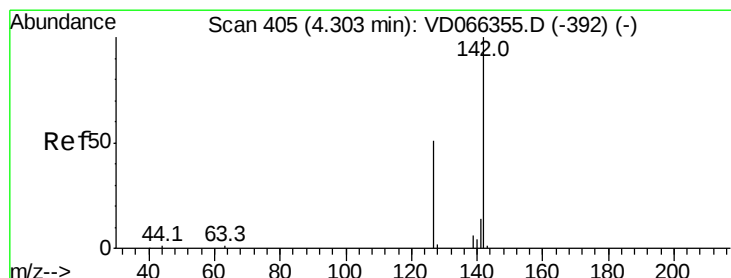
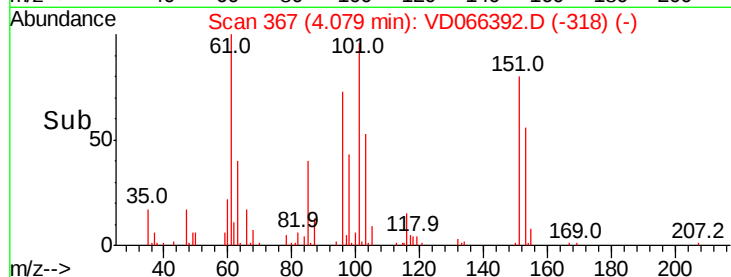
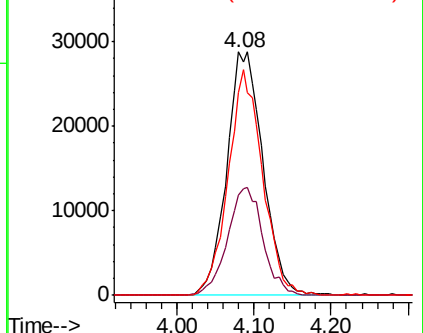
151 87.7 70.5 105.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.105 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

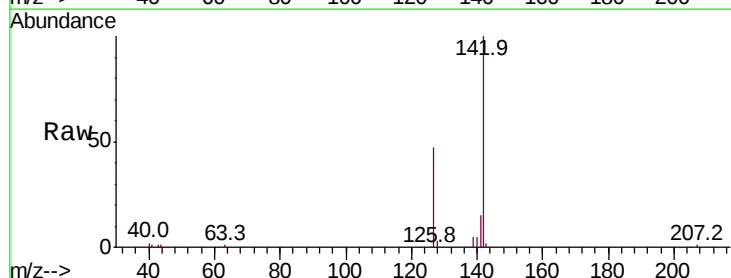
Tgt Ion:142 Resp: 108721

Ion Ratio Lower Upper

142 100

127 48.1 41.8 62.8

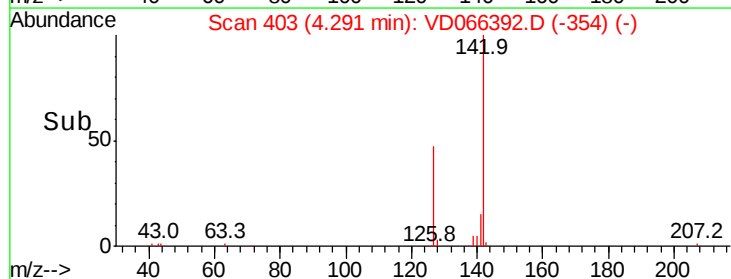
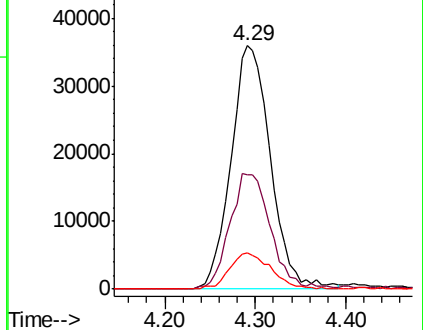
141 15.7 11.8 17.6

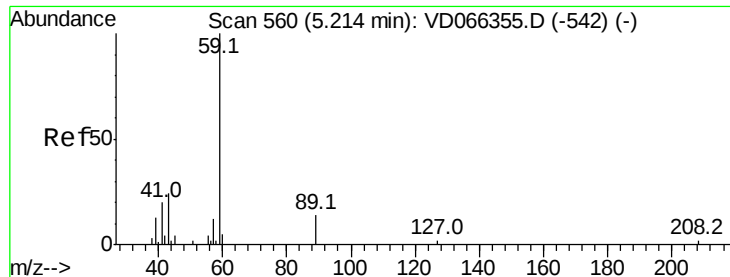


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 314.595 ug/l

RT: 5.23 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

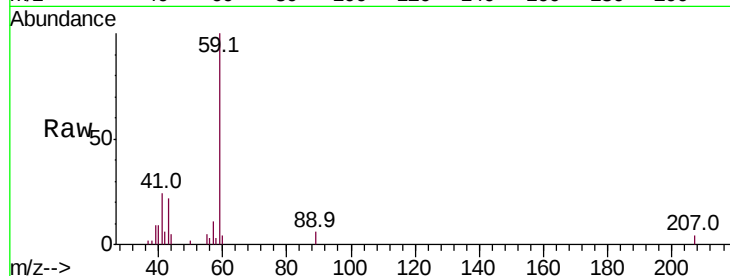
VSTDCCC050EC

Tot Ion: 59 Resp: 39720

Ion Ratio Lower Upper

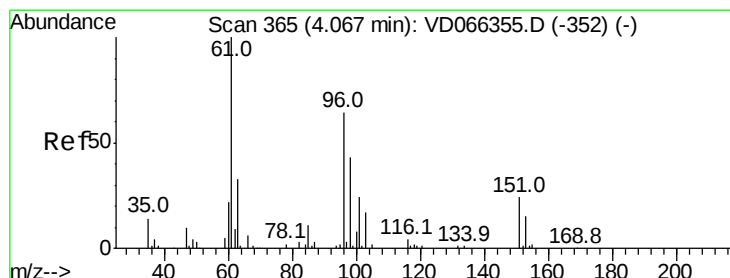
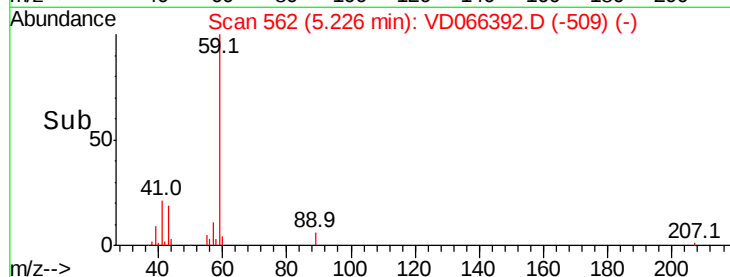
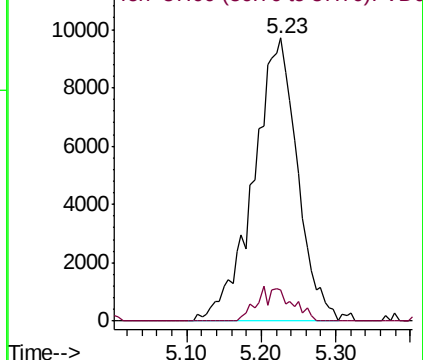
59 100

57 6.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 50.440 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

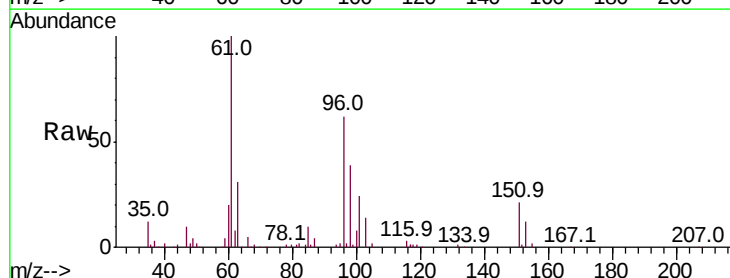
Tgt Ion: 96 Resp: 95813

Ion Ratio Lower Upper

96 100

61 160.6 124.3 186.5

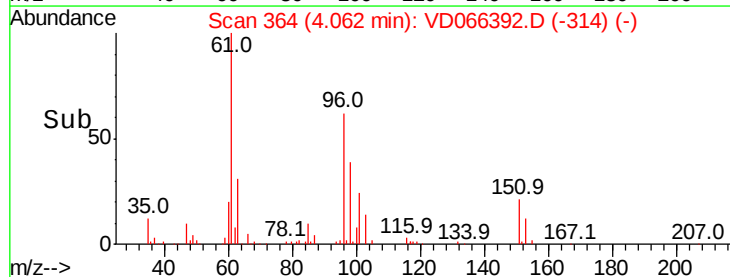
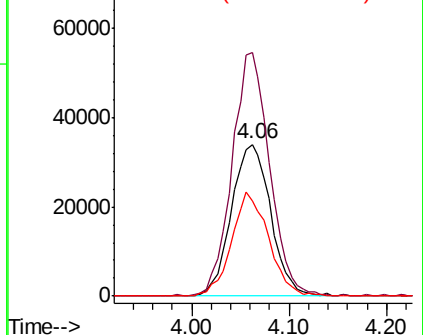
98 62.9 53.2 79.8

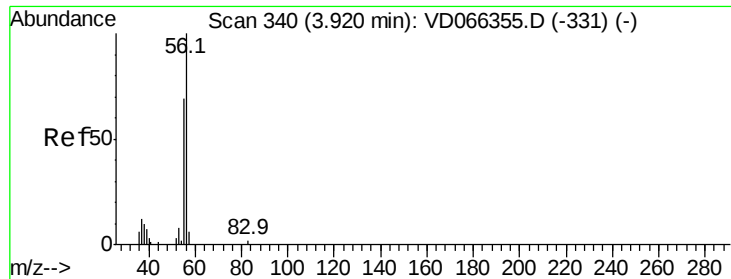


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

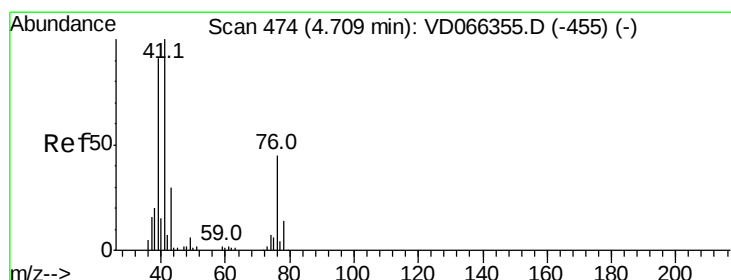
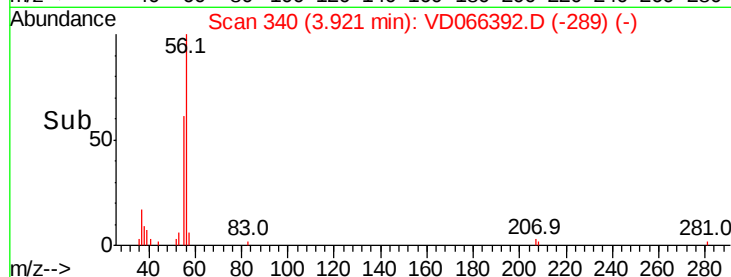
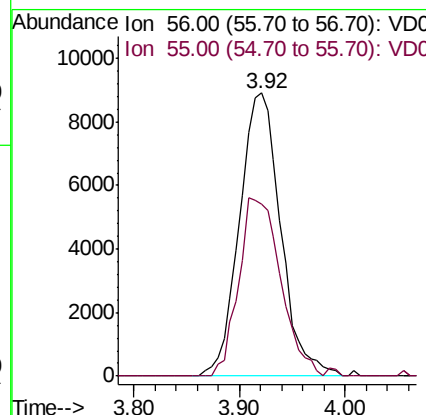
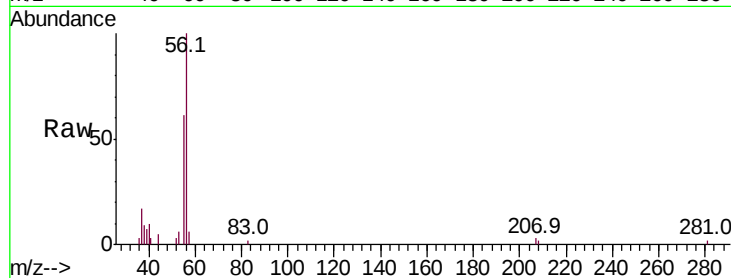




#13
Acrolein
Concen: 238.059 ug/l
RT: 3.92 min Scan# 340
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

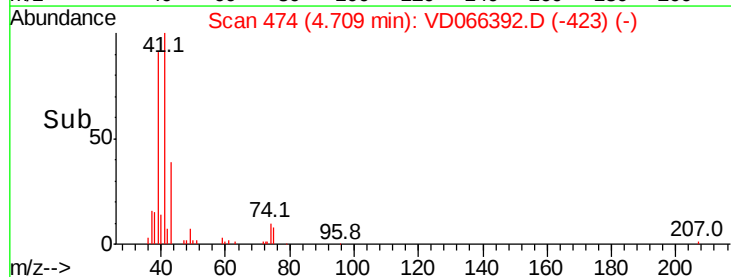
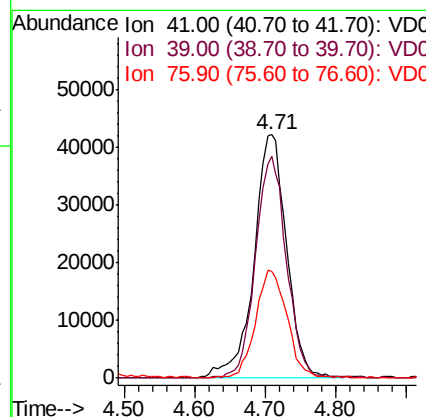
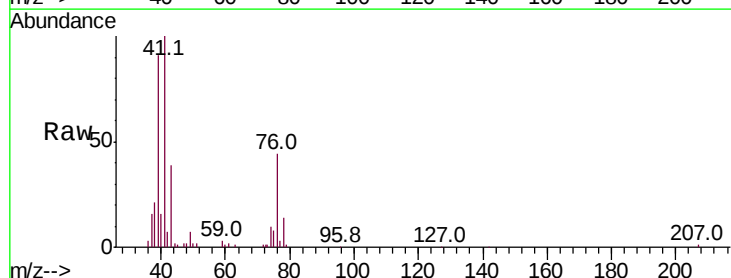
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

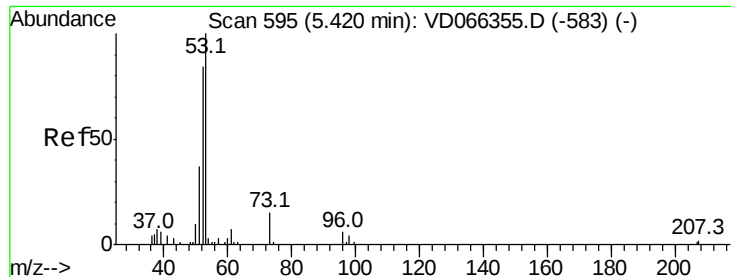
Tot Ion: 56 Resp: 24155
Ion Ratio Lower Upper
56 100
55 63.9 55.5 83.3



#14
Allyl chloride
Concen: 53.952 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion: 41 Resp: 136792
Ion Ratio Lower Upper
41 100
39 86.2 72.8 109.2
76 42.7 34.0 51.0





#15

Acrylonitrile

Concen: 291.709 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

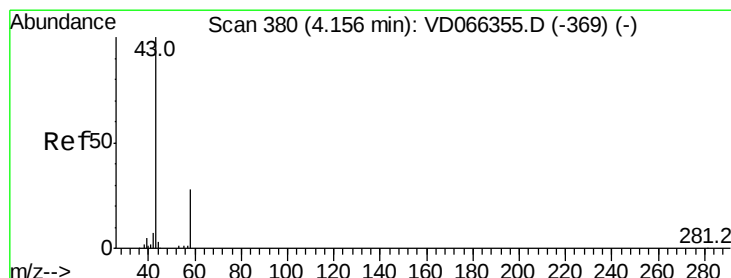
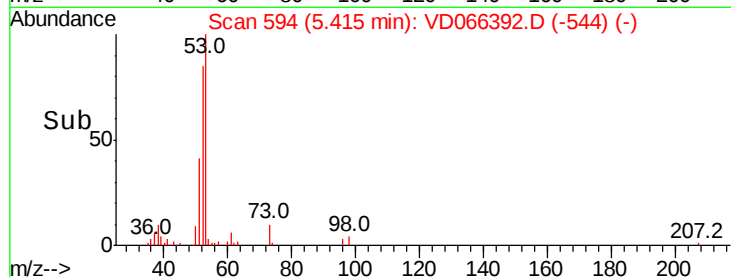
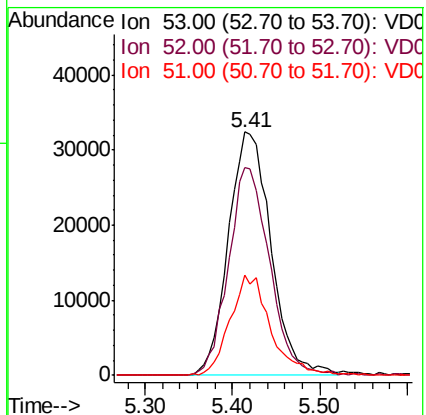
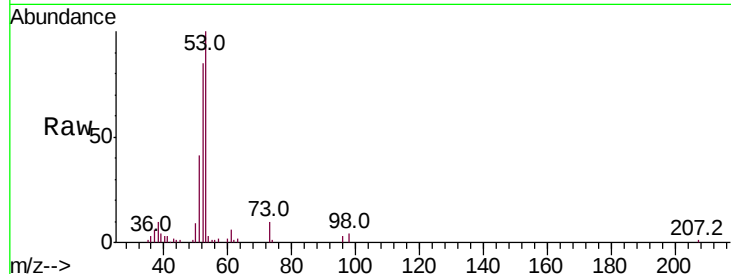
Tot Ion: 53 Resp: 107531

Ion Ratio Lower Upper

53 100

52 82.3 68.1 102.1

51 39.2 33.8 50.6



#16

Acetone

Concen: 213.921 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066392.D

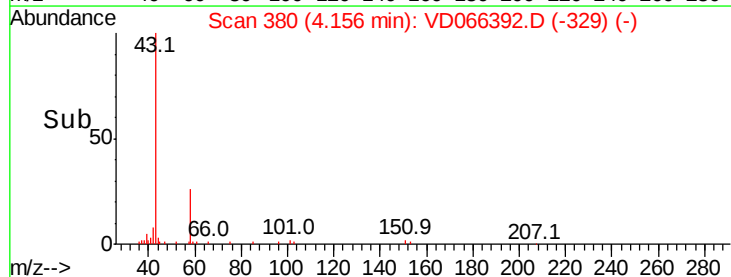
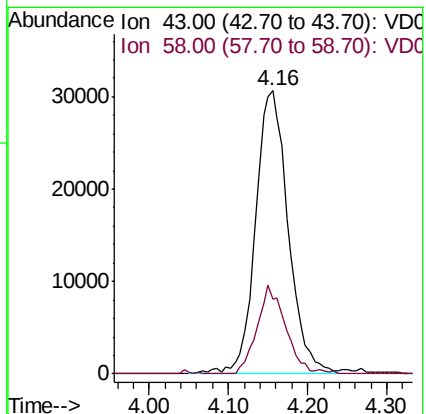
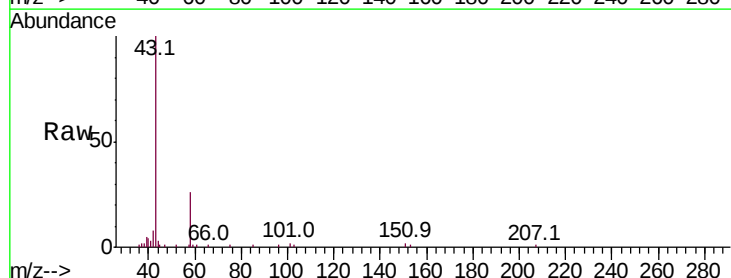
Acq: 24 Aug 2020 20:21

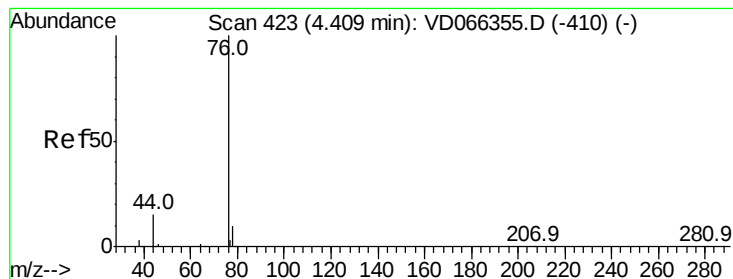
Tgt Ion: 43 Resp: 88123

Ion Ratio Lower Upper

43 100

58 26.2 22.7 34.1





#17

Carbon Disulfide

Concen: 50.436 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

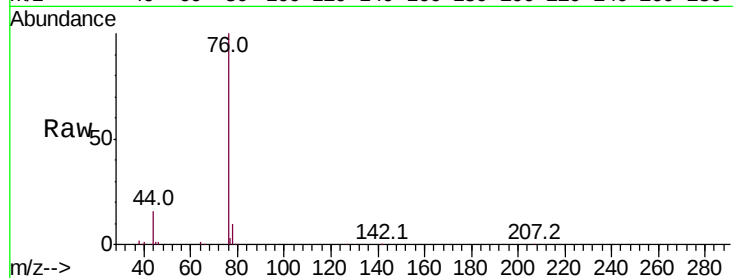
VSTDCCC050EC

Tot Ion: 76 Resp: 290352

Ion Ratio Lower Upper

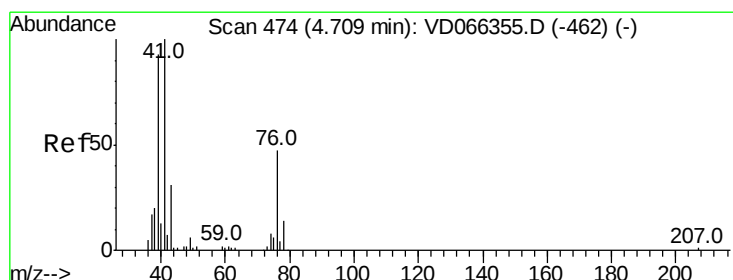
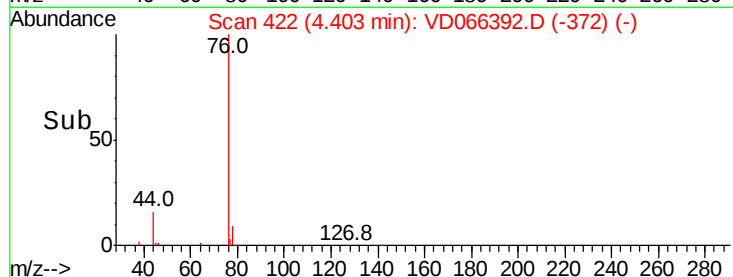
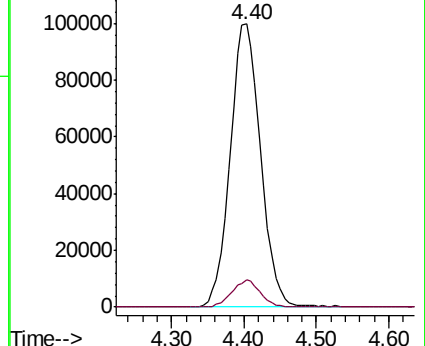
76 100

78 9.6 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 60.283 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD066392.D

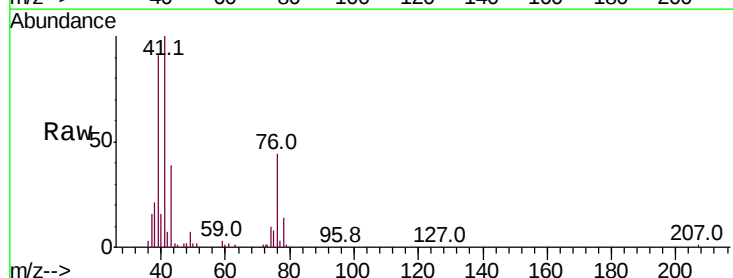
Acq: 24 Aug 2020 20:21

Tgt Ion: 43 Resp: 46608

Ion Ratio Lower Upper

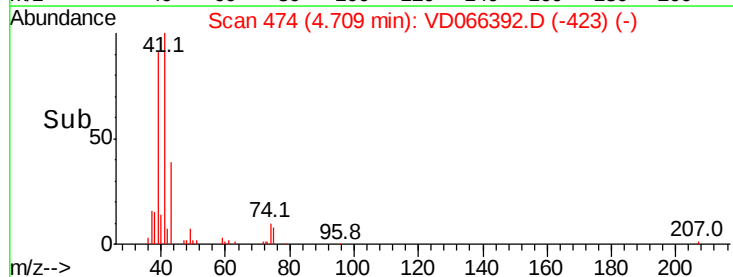
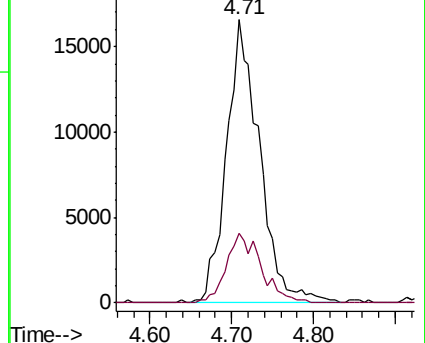
43 100

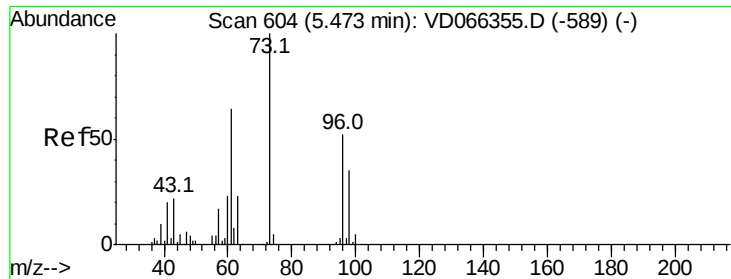
74 25.9 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



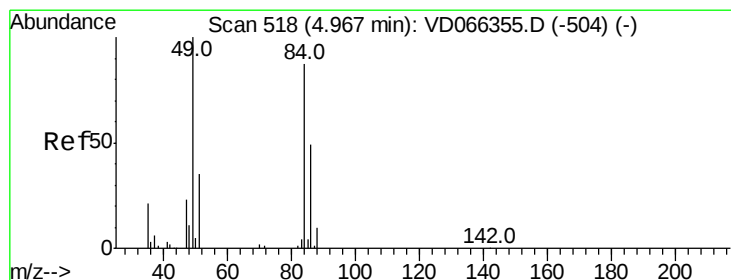
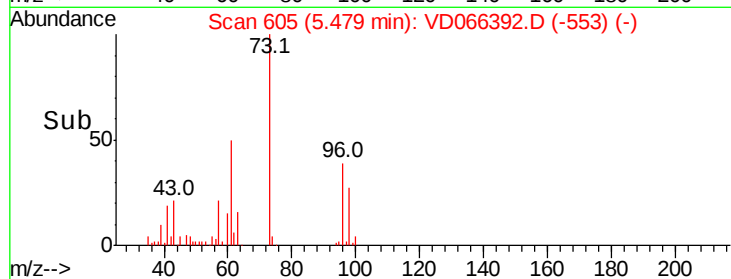
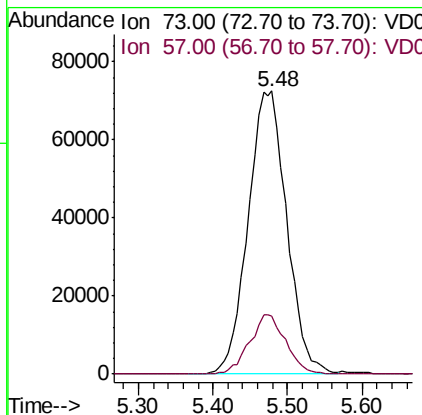
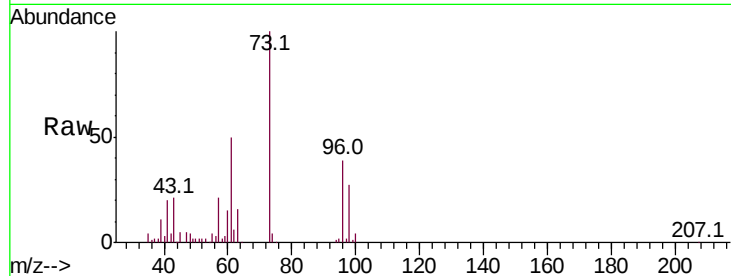


#19

Methyl tert-butyl Ether
 Concen: 56.970 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

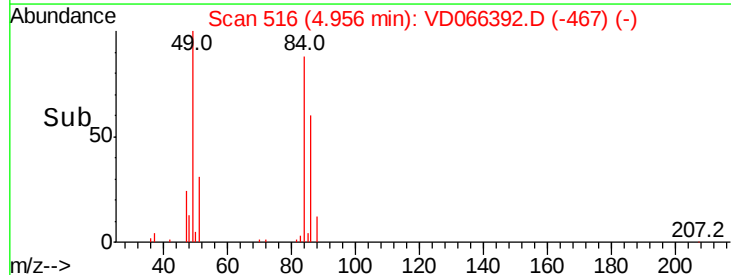
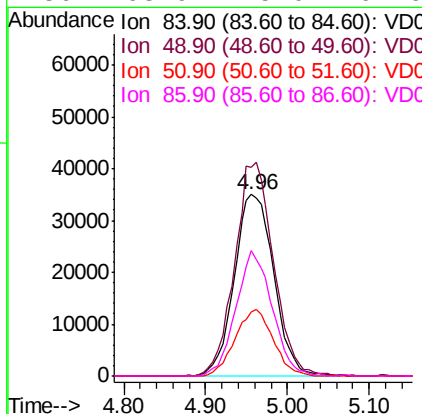
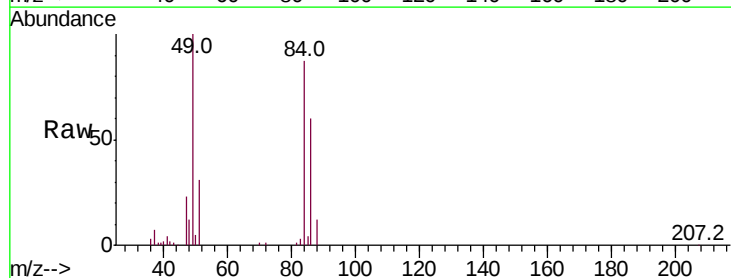
Tot Ion: 73 Resp: 260577
 Ion Ratio Lower Upper
 73 100
 57 20.8 13.8 20.6#

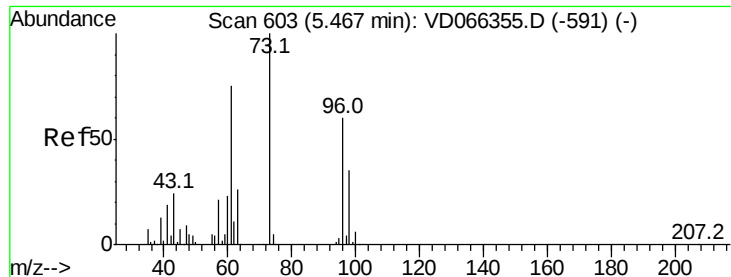


#20

Methylene Chloride
 Concen: 53.940 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Tgt Ion: 84 Resp: 117641
 Ion Ratio Lower Upper
 84 100
 49 114.7 92.5 138.7
 51 35.6 32.5 48.7
 86 68.9 45.0 67.6#





#21

trans-1,2-Dichloroethene

Concen: 52.091 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

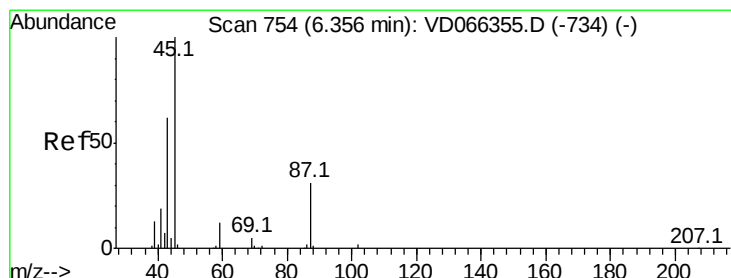
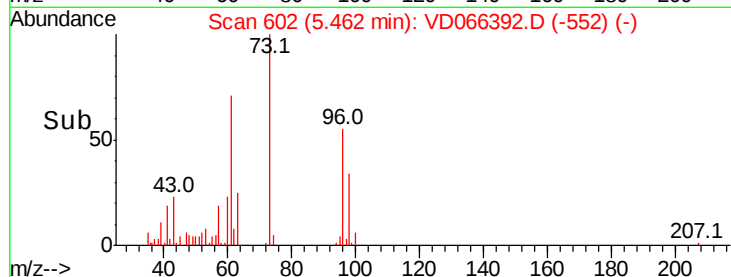
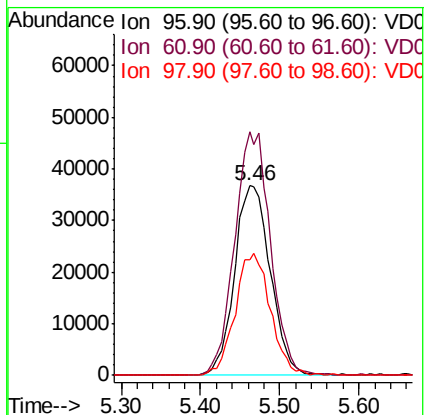
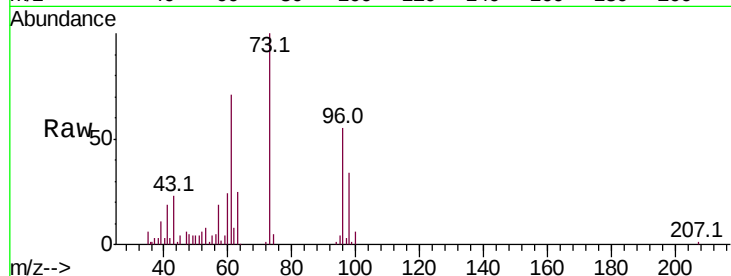
Tot Ion: 96 Resp: 115182

Ion Ratio Lower Upper

96 100

61 128.5 101.1 151.7

98 60.9 47.0 70.6



#22

Diisopropyl ether

Concen: 56.619 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Tgt Ion: 45 Resp: 277935

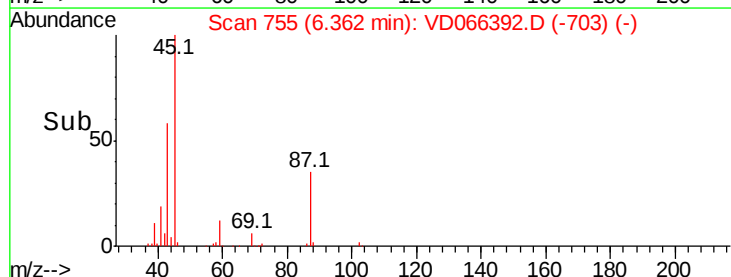
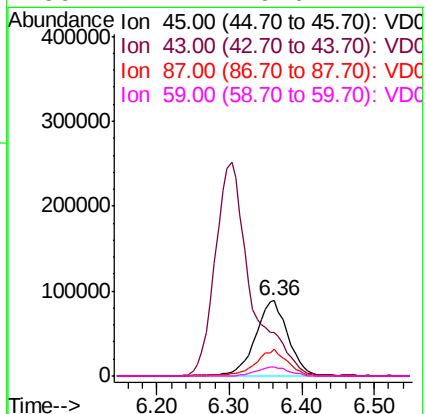
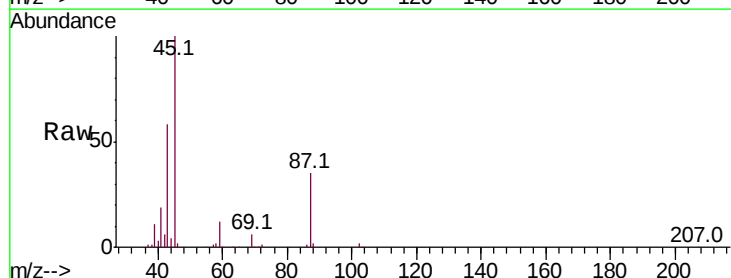
Ion Ratio Lower Upper

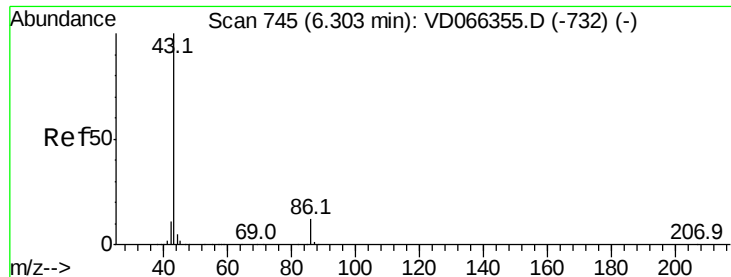
45 100

43 57.8 49.8 74.8

87 34.9 25.0 37.6

59 12.2 9.6 14.4





#23

Vinyl Acetate

Concen: 283.642 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

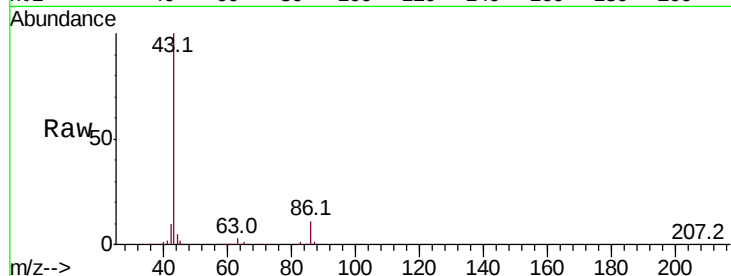
VSTDCCC050EC

Tot Ion: 43 Resp: 861965

Ion Ratio Lower Upper

43 100

86 11.2 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

250000

200000

150000

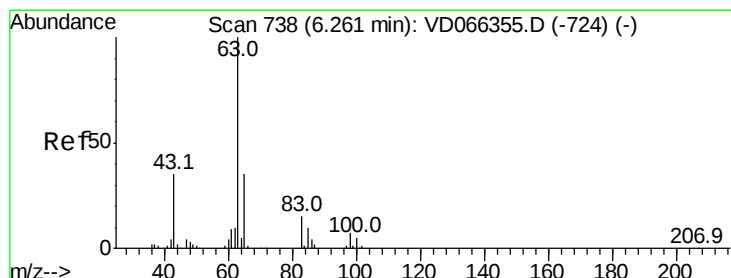
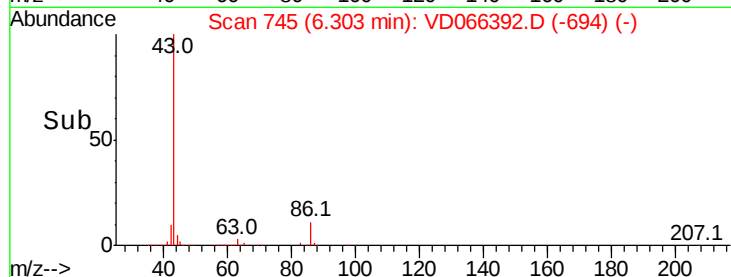
100000

50000

0

Time-->

6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 54.604 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

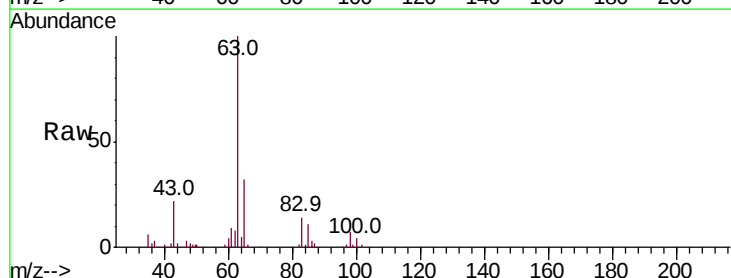
Tgt Ion: 63 Resp: 189422

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

100 4.2 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

80000

60000

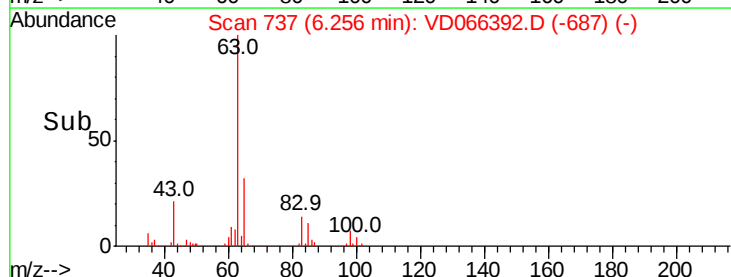
40000

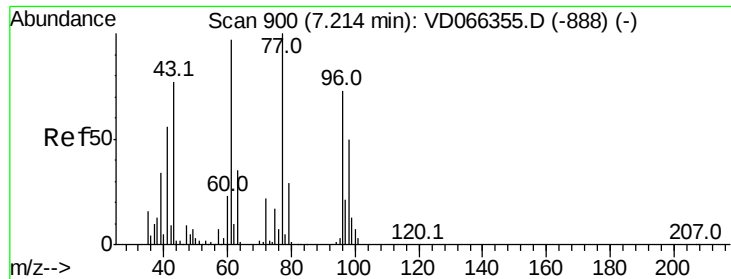
20000

0

Time-->

6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 272.078 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

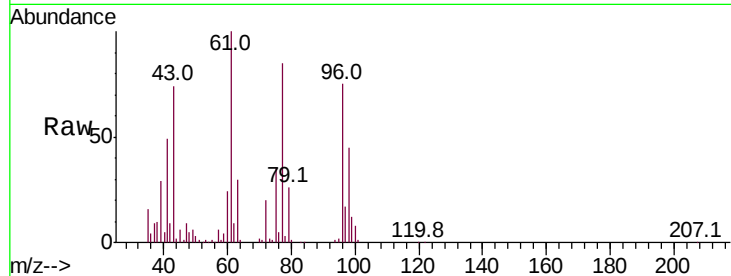
VSTDCCC050EC

Tot Ion: 43 Resp: 127239

Ion Ratio Lower Upper

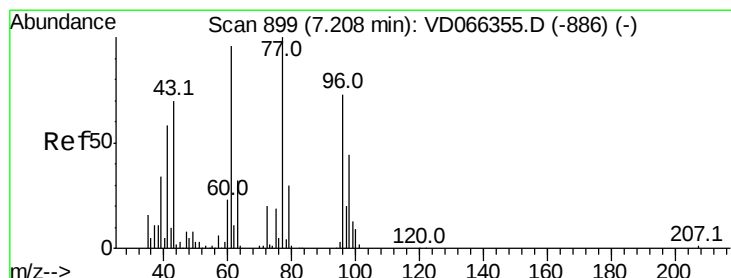
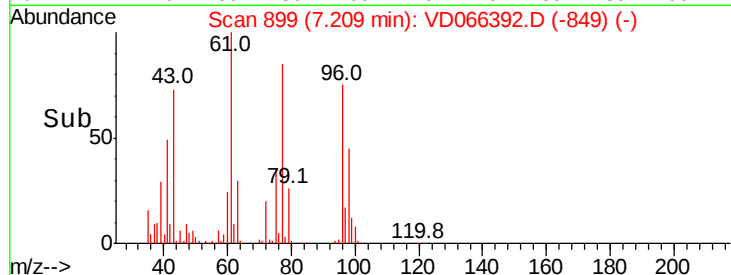
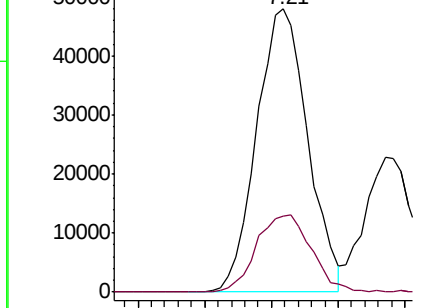
43 100

72 26.8 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 44.700 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066392.D

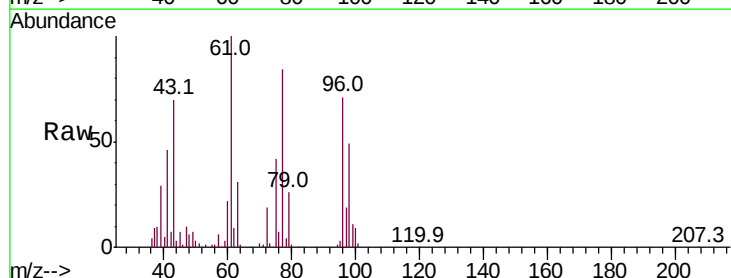
Acq: 24 Aug 2020 20:21

Tgt Ion: 77 Resp: 166198

Ion Ratio Lower Upper

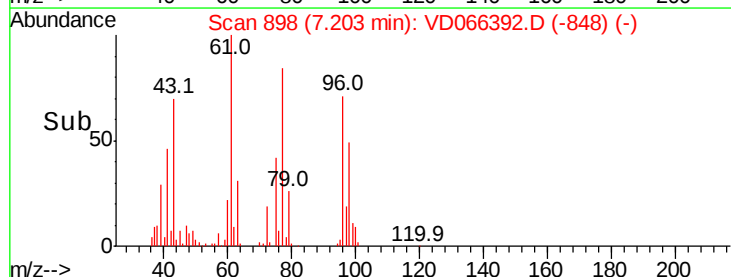
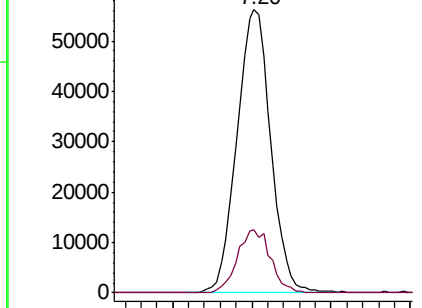
77 100

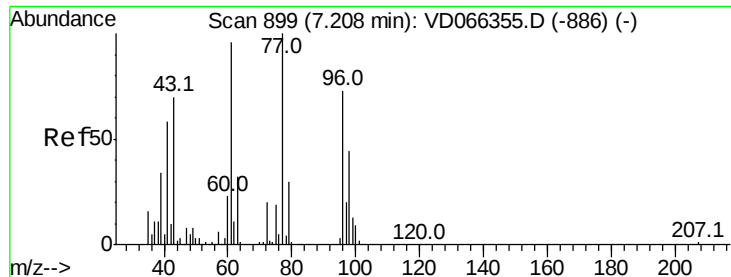
97 21.9 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 55.915 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

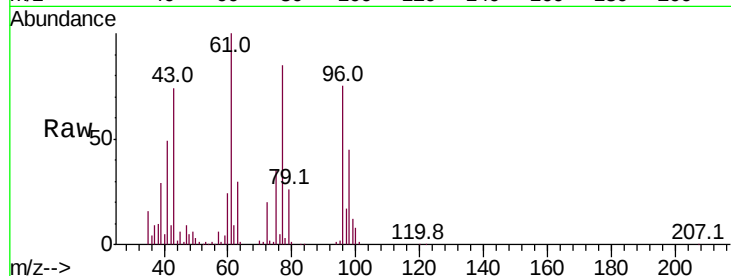
Tot Ion: 96 Resp: 132479

Ion Ratio Lower Upper

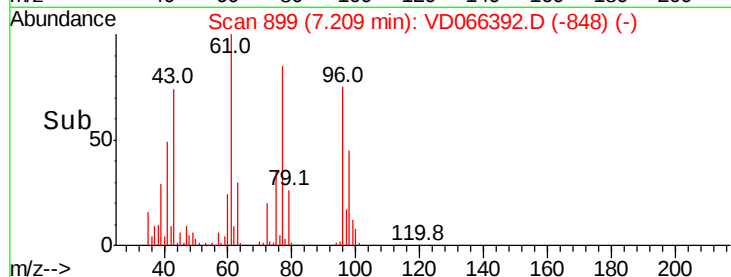
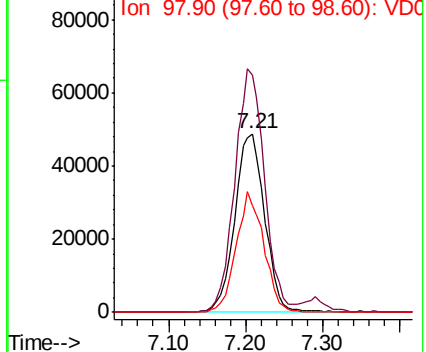
96 100

61 136.0 0.0 281.4

98 62.5 0.0 132.2



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 61.553 ug/l

RT: 7.54 min Scan# 955

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

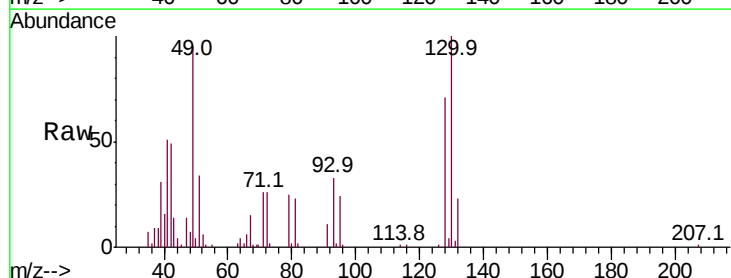
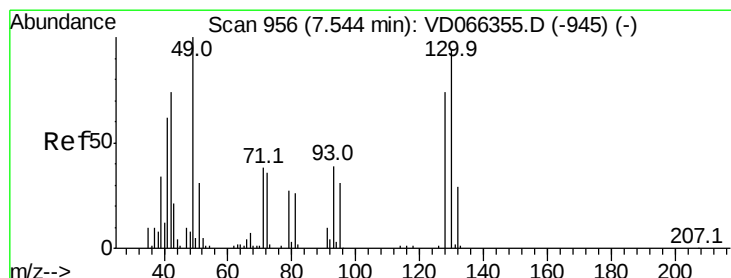
Tgt Ion: 49 Resp: 73552

Ion Ratio Lower Upper

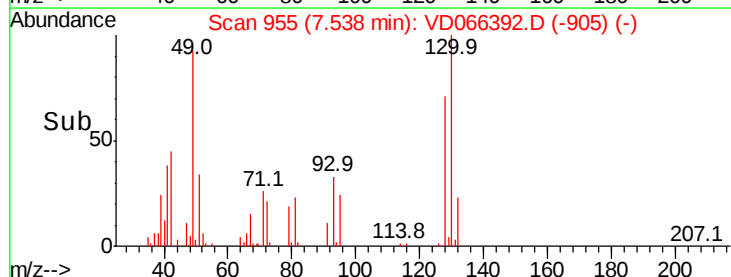
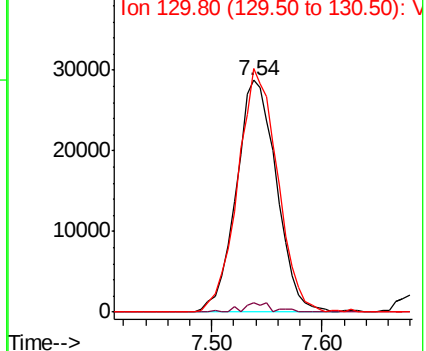
49 100

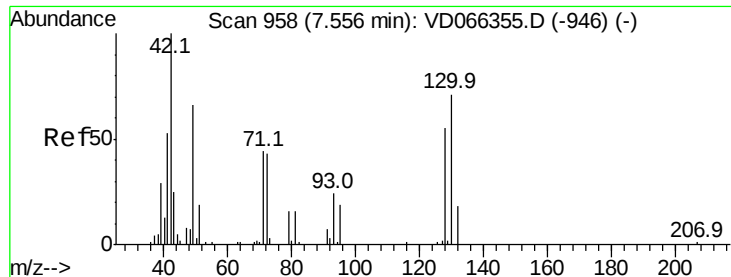
129 2.8 0.0 3.0

130 103.9 82.6 124.0



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

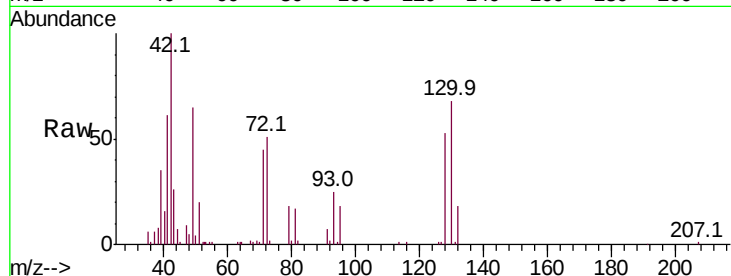




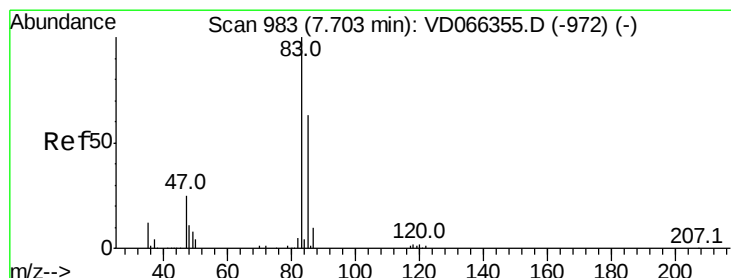
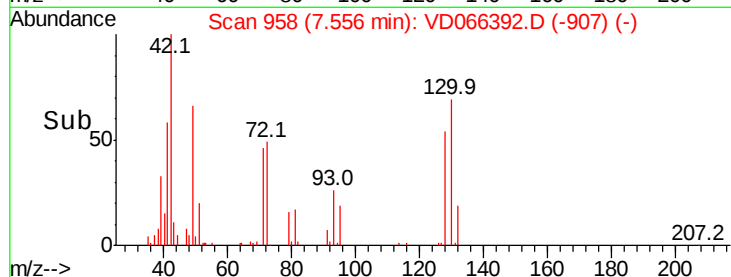
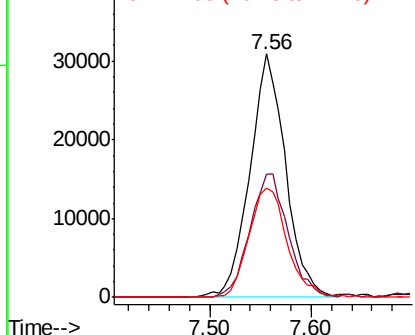
#29
Tetrahydrofuran
Concen: 286.229 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 76029
Ion Ratio Lower Upper
42 100
72 53.9 41.0 61.4
71 48.4 37.2 55.8

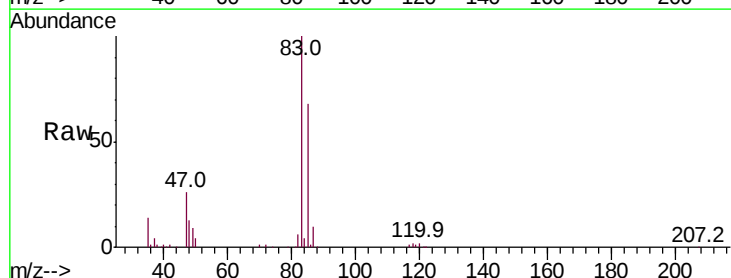


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

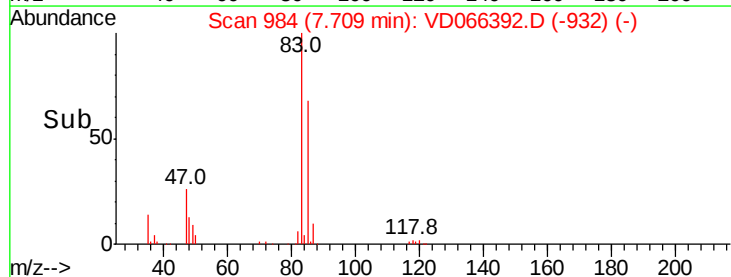
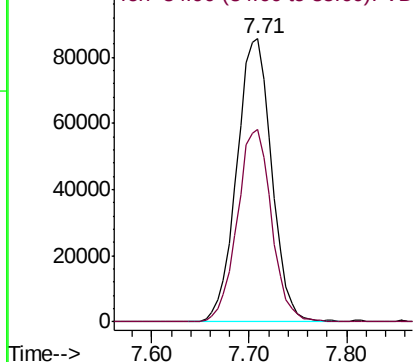


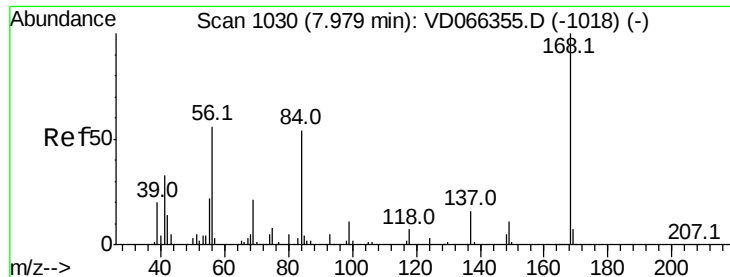
#30
Chloroform
Concen: 53.358 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion: 83 Resp: 214158
Ion Ratio Lower Upper
83 100
85 67.9 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

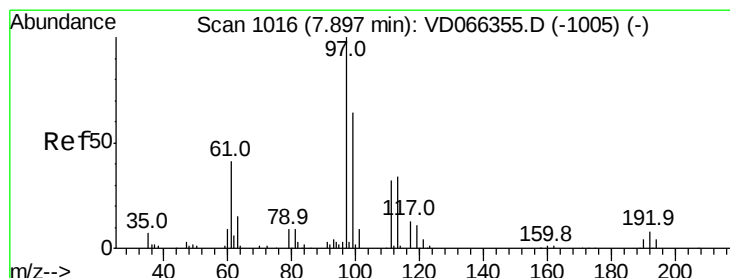
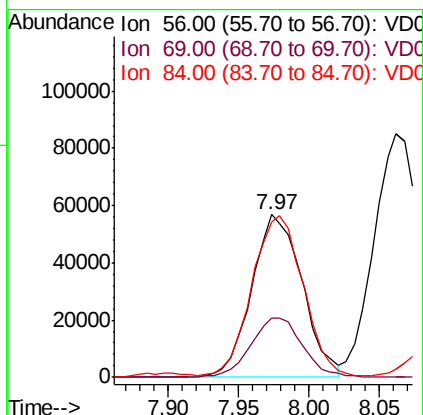
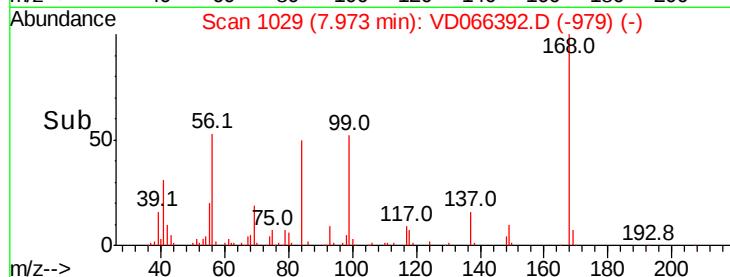
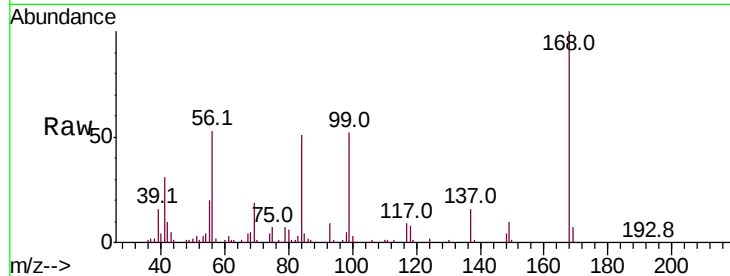




#31
Cyclohexane
Concen: 45.047 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

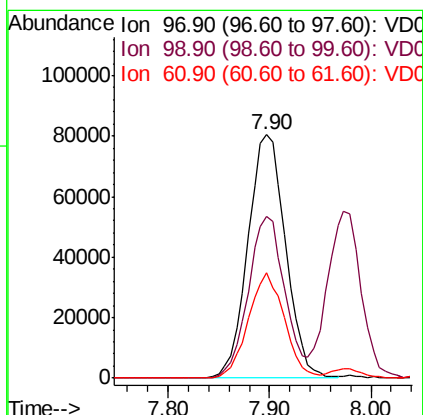
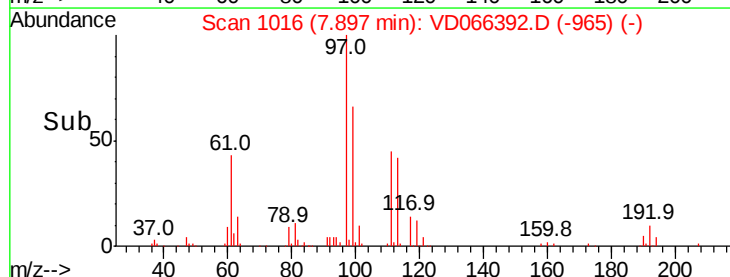
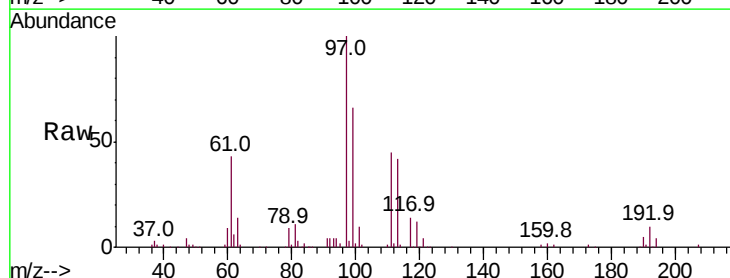
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

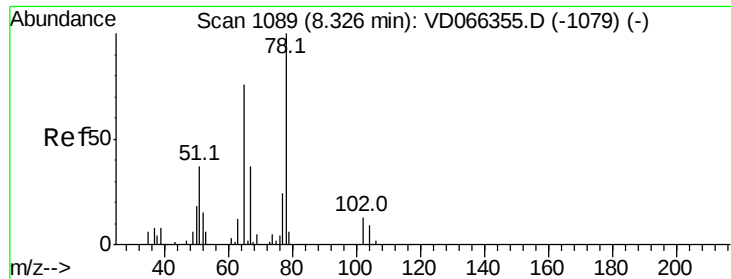
Tot Ion: 56 Resp: 142921
Ion Ratio Lower Upper
56 100
69 36.1 29.6 44.4
84 93.3 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 50.566 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion: 97 Resp: 207714
Ion Ratio Lower Upper
97 100
99 64.9 51.5 77.3
61 41.3 33.3 49.9

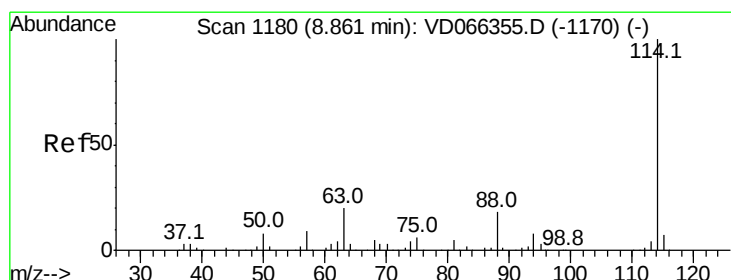
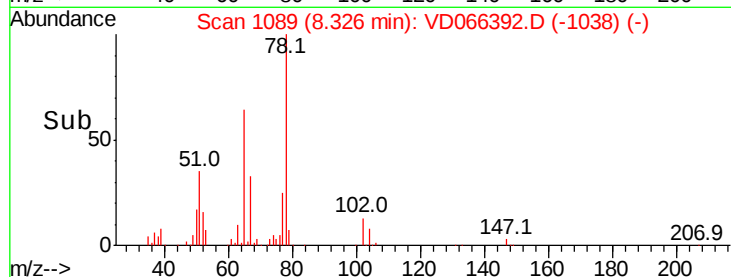
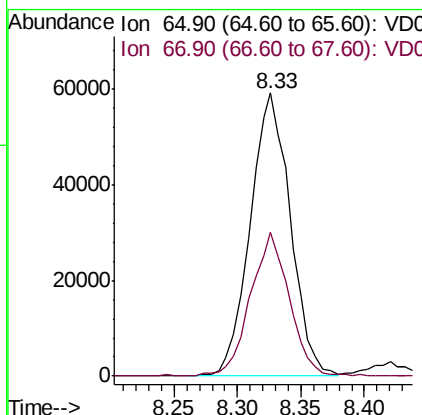
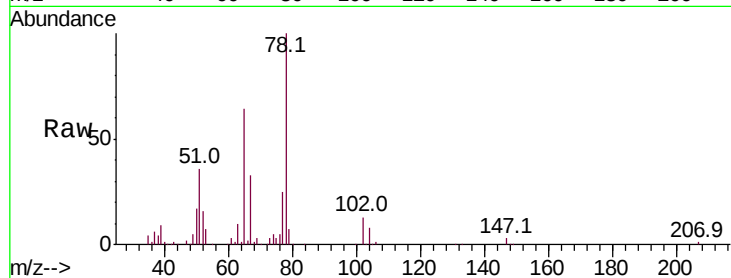




#33
 1,2-Dichloroethane-d4
 Concen: 57.051 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

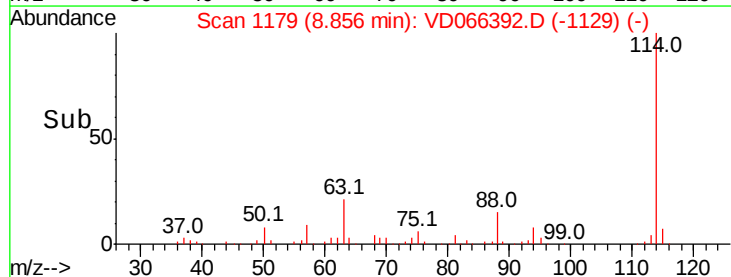
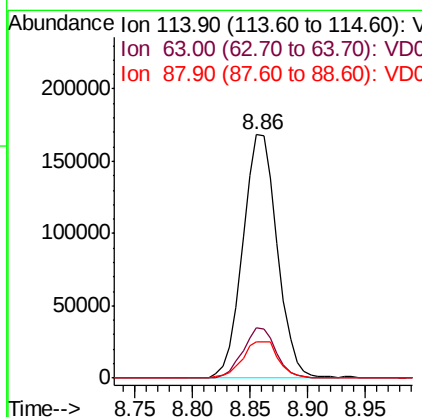
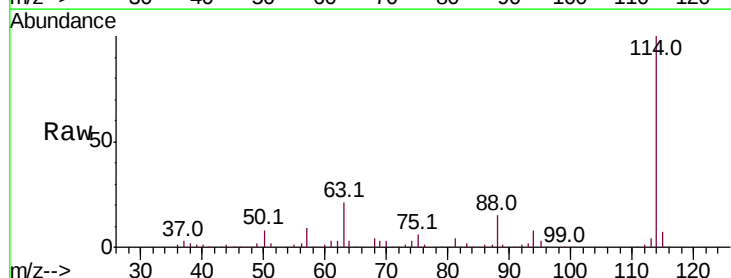
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

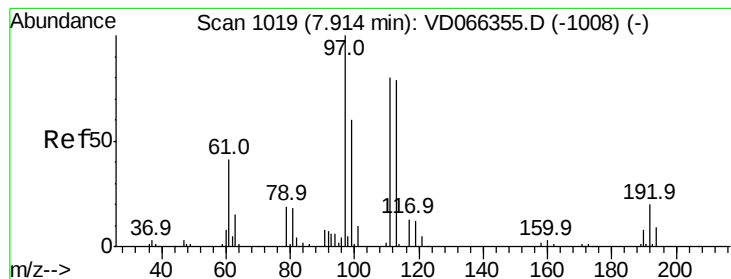
Tot Ion: 65 Resp: 130360
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Tgt Ion: 114 Resp: 349788
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 15.0 0.0 35.4





#35

Dibromofluoromethane

Concen: 53.642 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

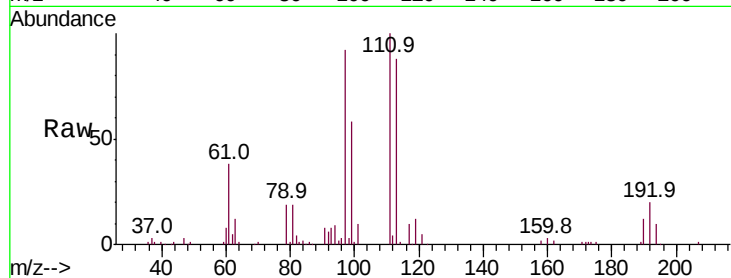
Tot Ion:113 Resp: 117330

Ion Ratio Lower Upper

113 100

111 106.3 80.3 120.5

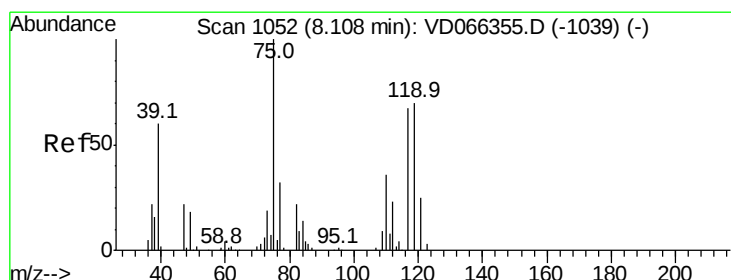
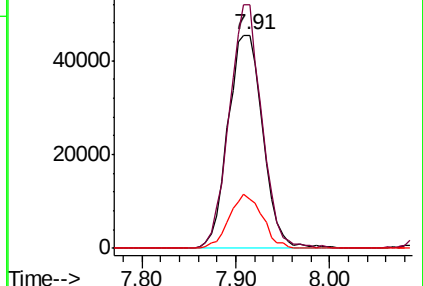
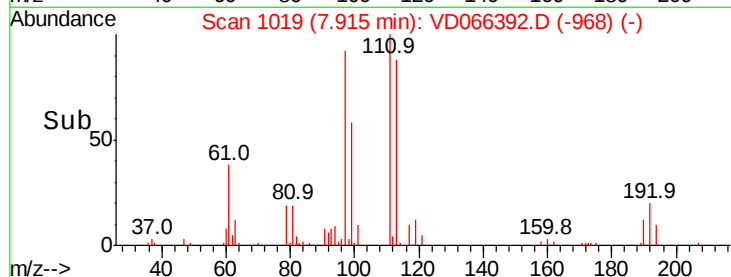
192 24.0 19.0 28.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.295 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

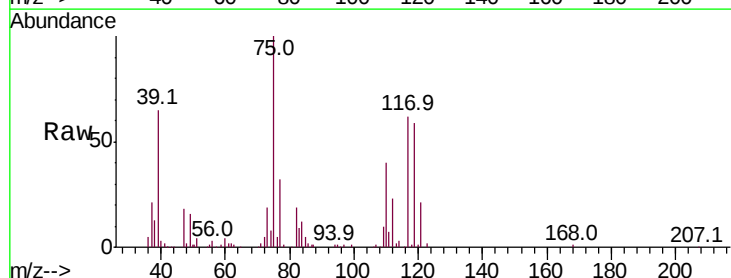
Tgt Ion: 75 Resp: 150947

Ion Ratio Lower Upper

75 100

110 37.3 18.7 56.1

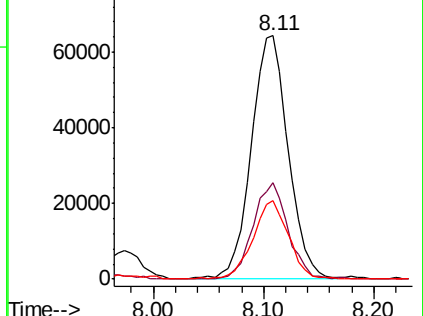
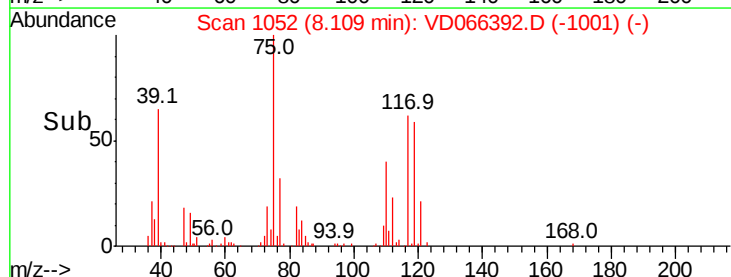
77 31.3 25.2 37.8

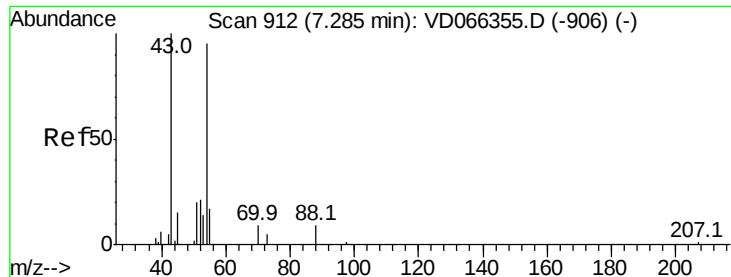


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

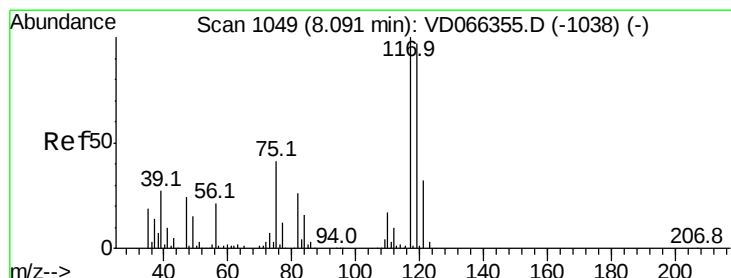
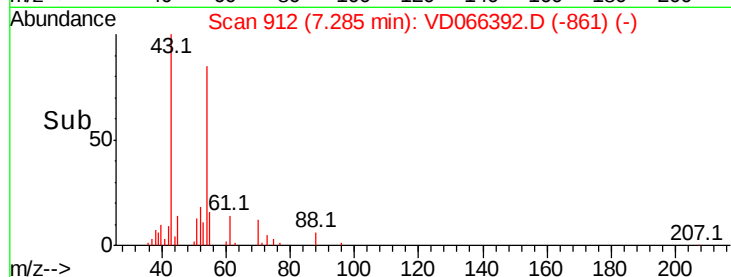
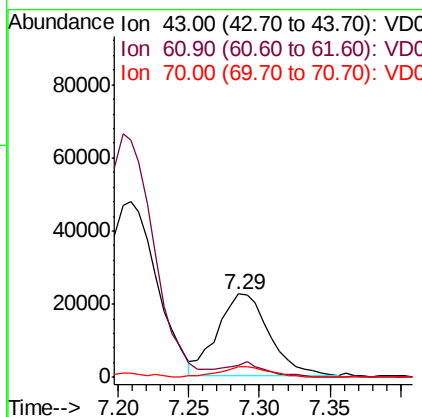
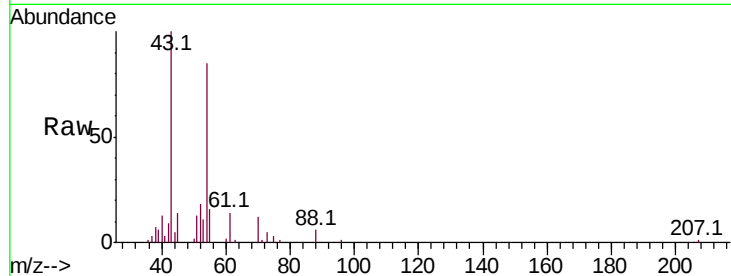




#37
Ethyl Acetate
Concen: 52.679 ug/l
RT: 7.29 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

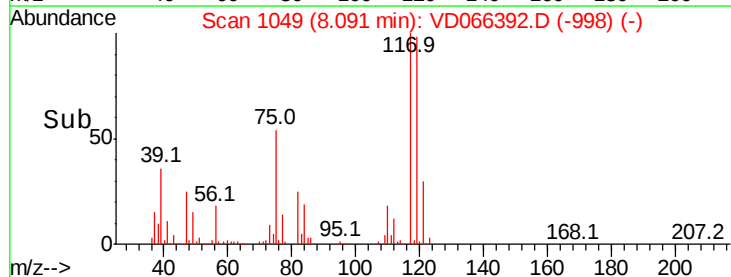
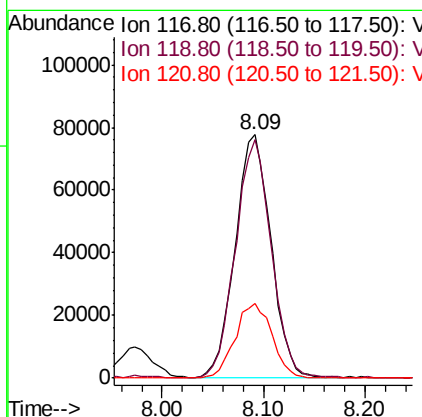
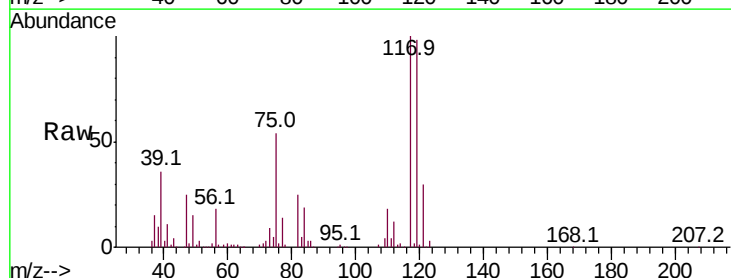
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

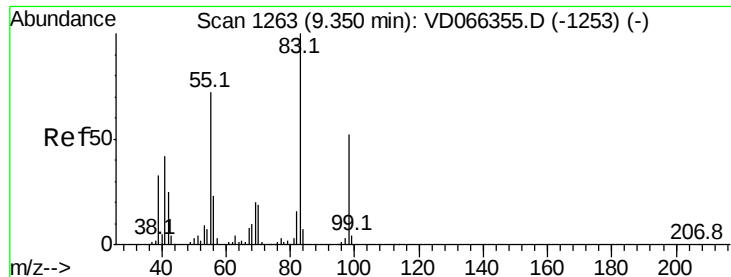
Tot Ion: 43 Resp: 57184
Ion Ratio Lower Upper
43 100
61 14.1 13.3 19.9
70 12.5 3.5 5.3#



#38
Carbon Tetrachloride
Concen: 45.647 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion: 117 Resp: 189805
Ion Ratio Lower Upper
117 100
119 98.0 77.2 115.8
121 30.6 25.8 38.8

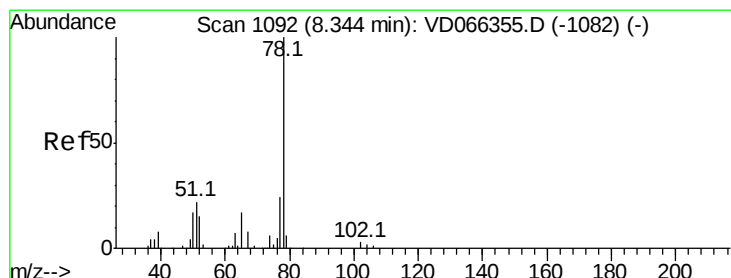
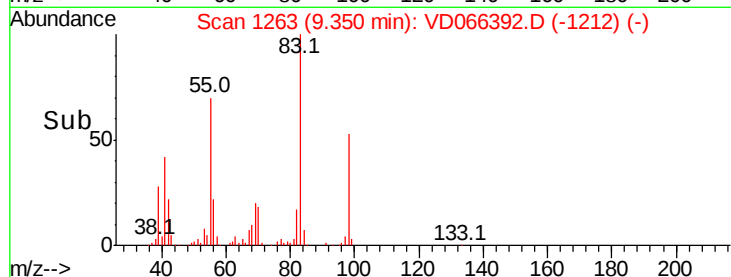
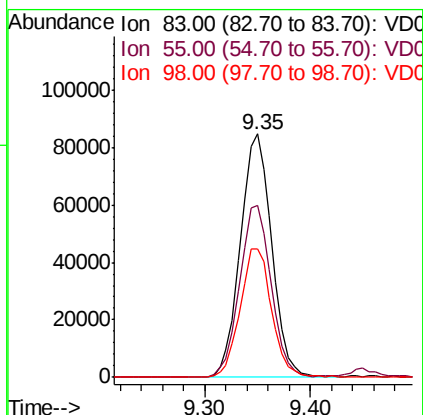
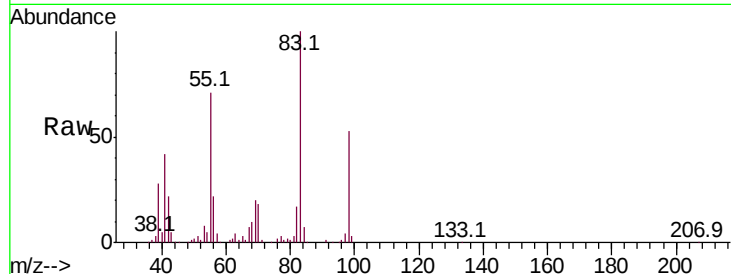




#39
Methvlcvclohexane
Concen: 46.530 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

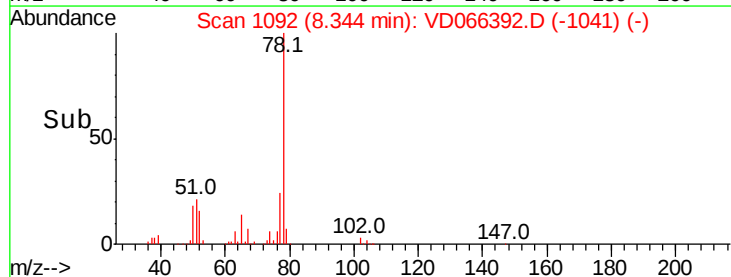
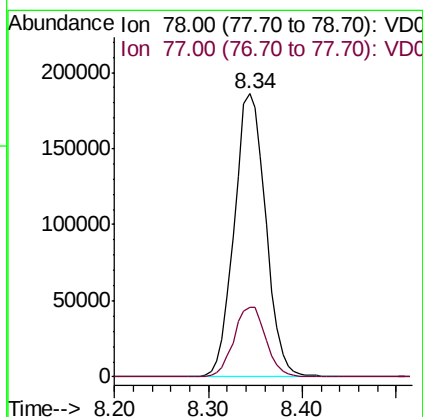
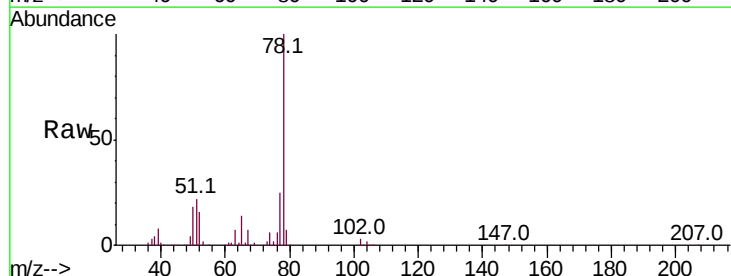
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

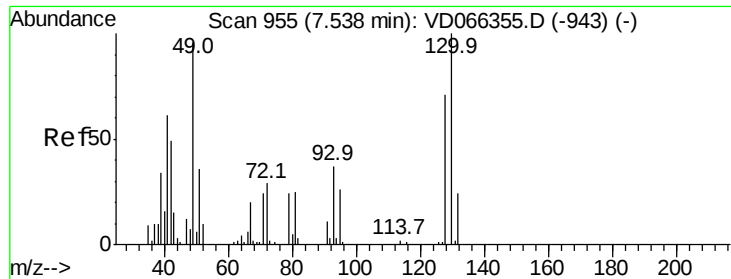
Tot Ion: 83 Resp: 174935
Ion Ratio Lower Upper
83 100
55 70.6 58.0 87.0
98 52.9 41.9 62.9



#40
Benzene
Concen: 51.491 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion: 78 Resp: 432321
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2





#41

Methacrylonitrile

Concen: 53.036 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.02 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 35503

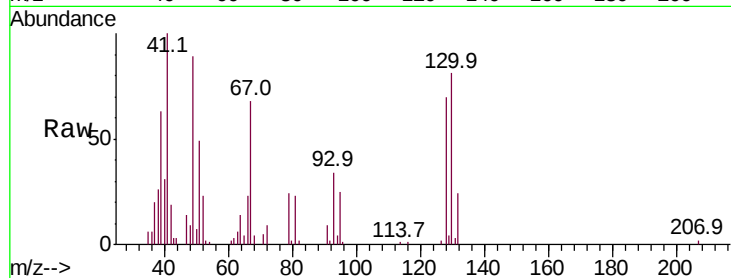
Ion Ratio Lower Upper

41 100

39 56.0 51.8 77.8

67 75.4 0.0 0.0#

52 32.8 0.0 0.0#

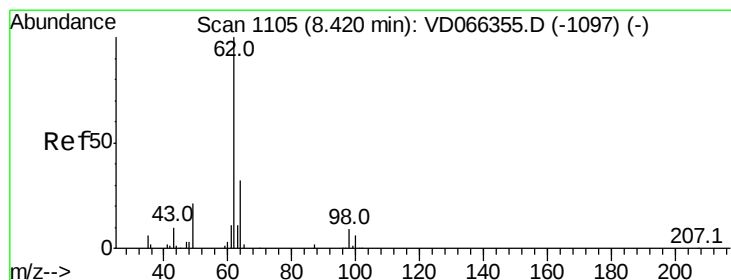
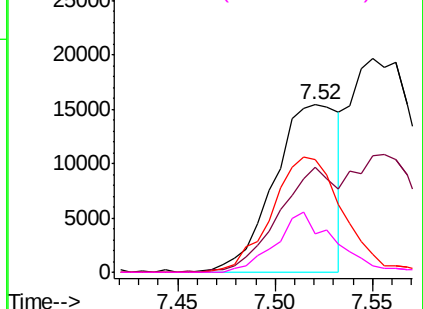
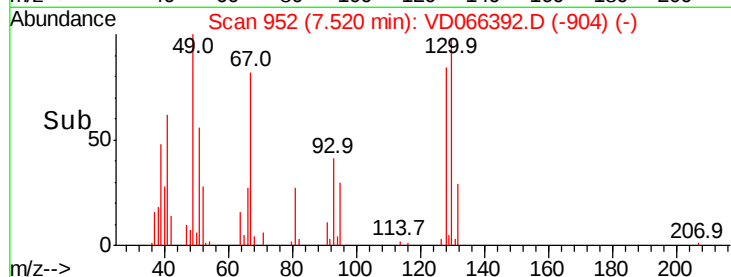


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 51.900 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066392.D

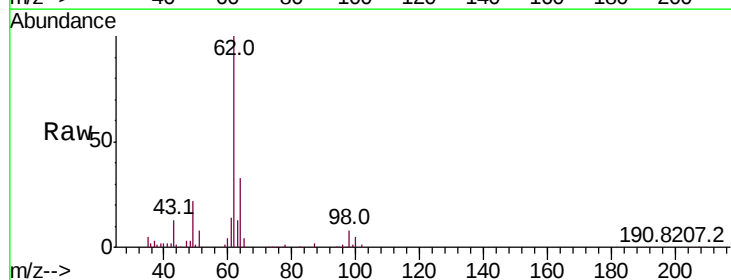
Acq: 24 Aug 2020 20:21

Tgt Ion: 62 Resp: 153473

Ion Ratio Lower Upper

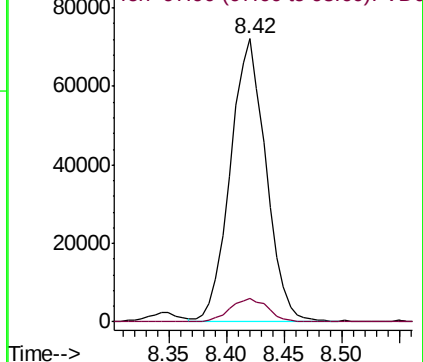
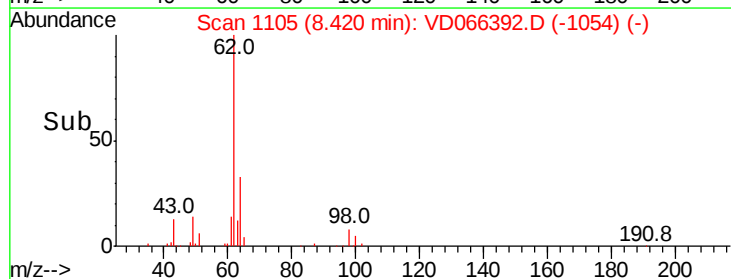
62 100

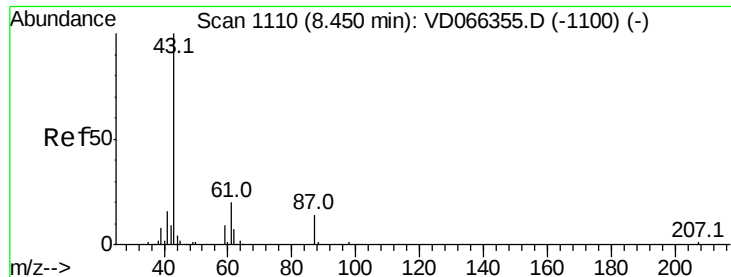
98 8.8 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 54.280 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

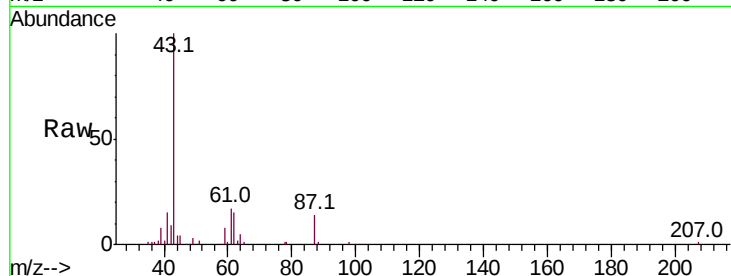
Tot Ion: 43 Resp: 118263

Ion Ratio Lower Upper

43 100

61 33.1 26.5 39.7

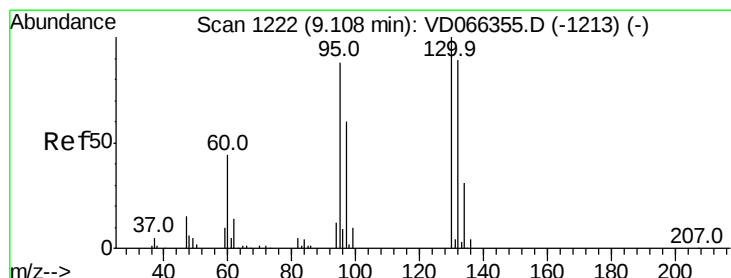
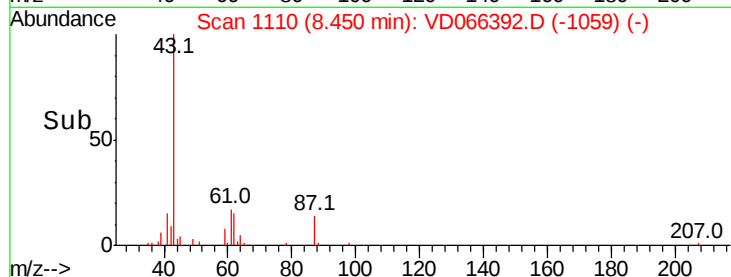
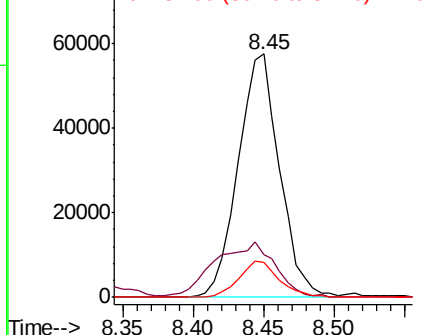
87 14.5 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 50.398 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066392.D

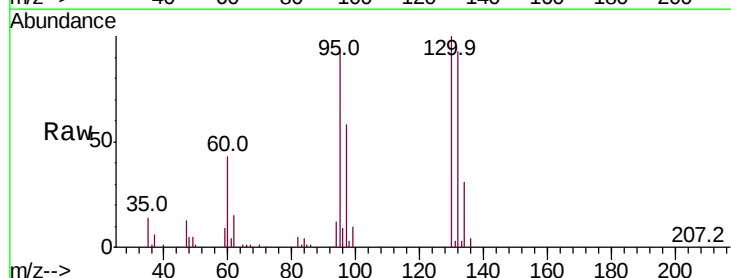
Acq: 24 Aug 2020 20:21

Tgt Ion: 130 Resp: 137497

Ion Ratio Lower Upper

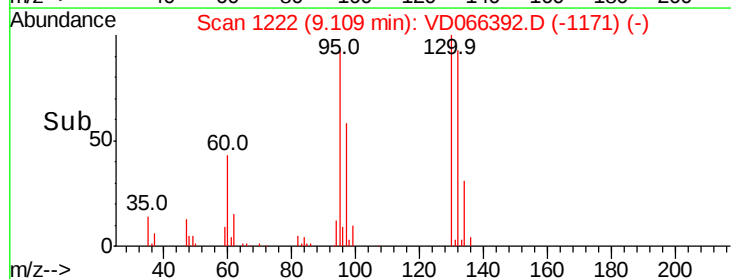
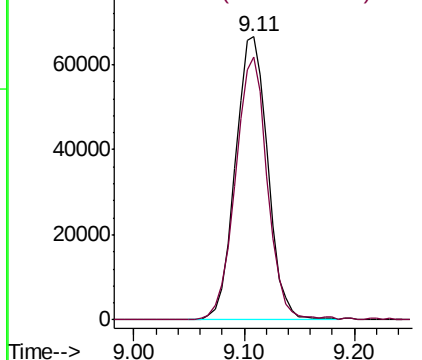
130 100

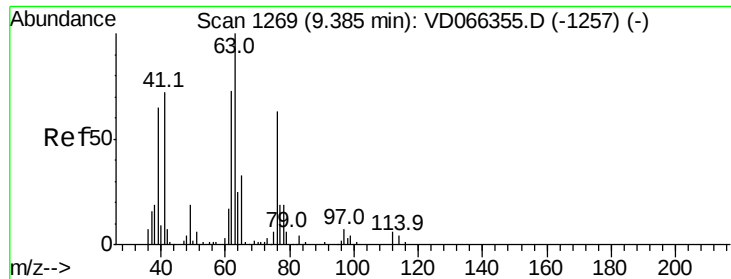
95 92.7 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 52.075 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

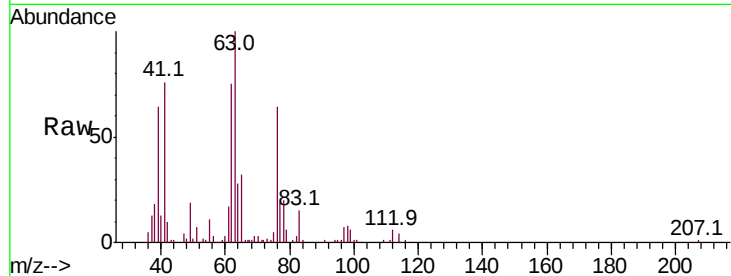
VSTDCCC050EC

Tot Ion: 63 Resp: 99121

Ion Ratio Lower Upper

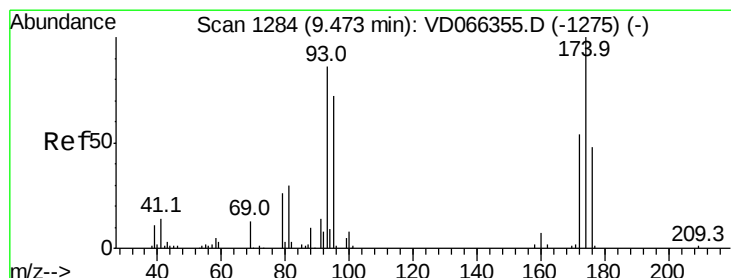
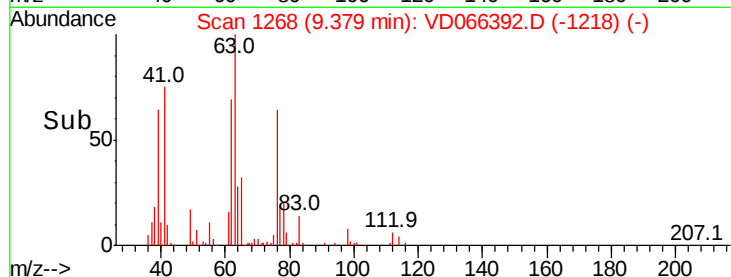
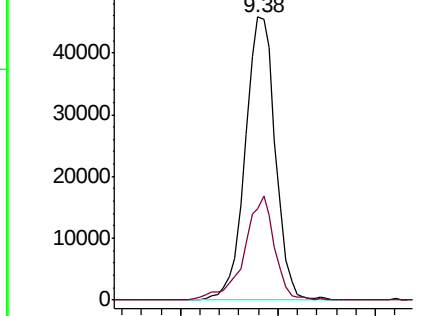
63 100

65 32.4 26.4 39.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 54.574 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

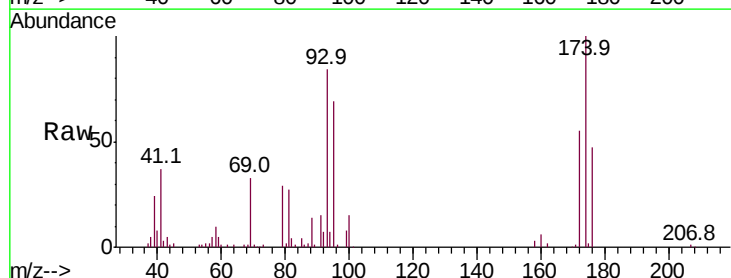
Tgt Ion: 93 Resp: 64677

Ion Ratio Lower Upper

93 100

95 83.3 66.0 99.0

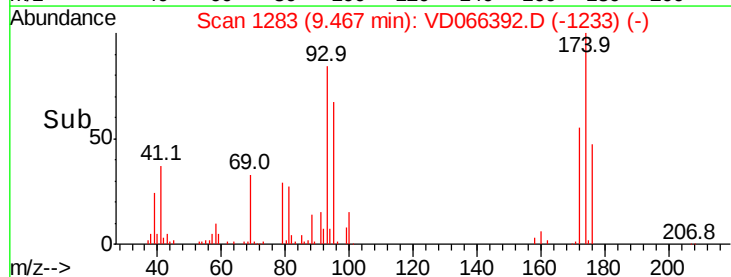
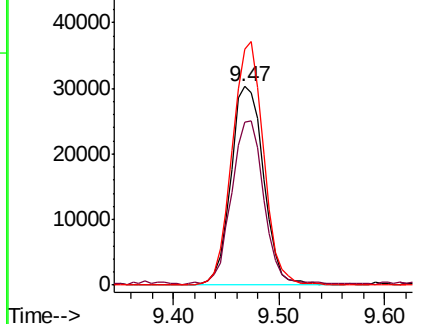
174 117.1 94.6 141.8

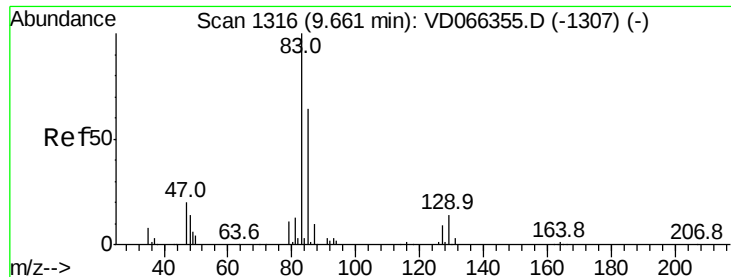


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.714 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

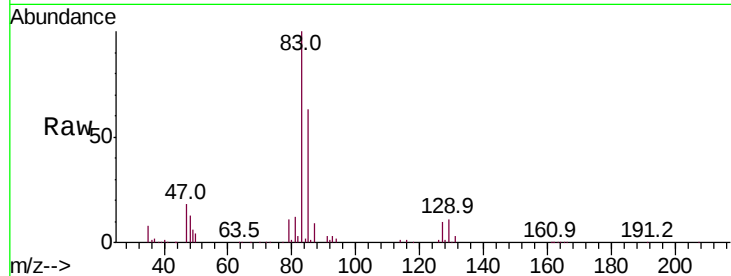
Tot Ion: 83 Resp: 175062

Ion Ratio Lower Upper

83 100

85 63.2 51.4 77.0

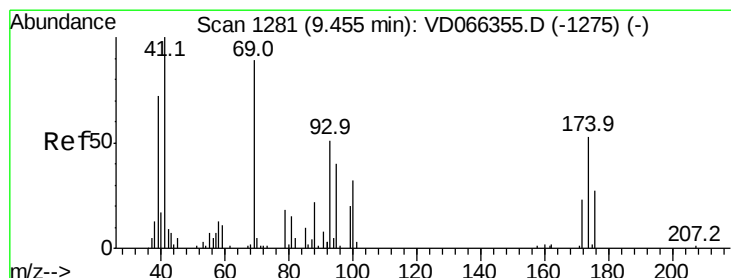
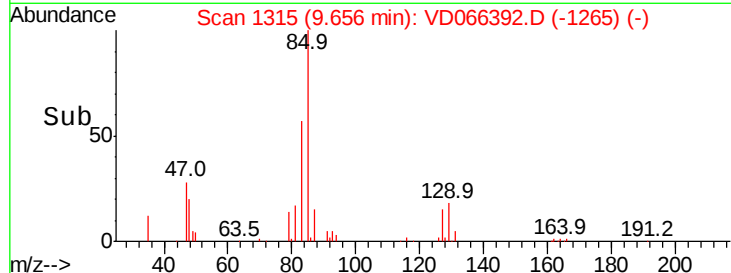
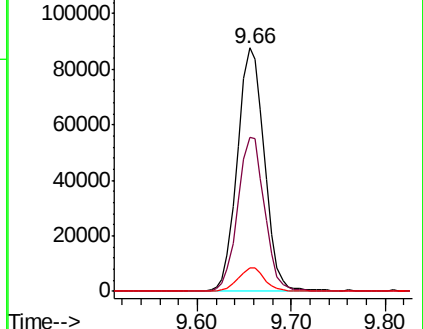
127 9.5 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 52.821 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

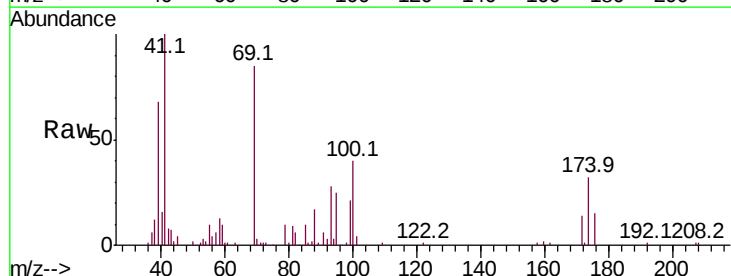
Tgt Ion: 41 Resp: 59346

Ion Ratio Lower Upper

41 100

69 91.5 75.5 113.3

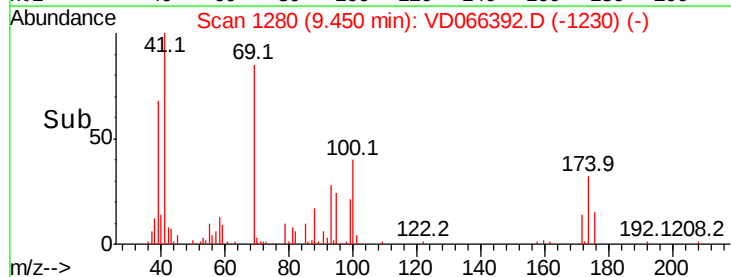
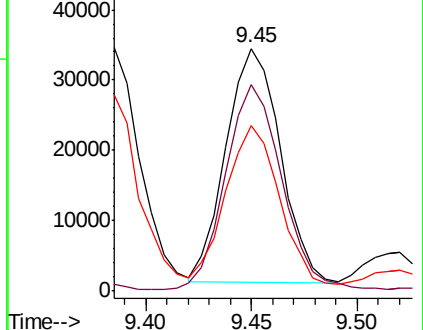
39 66.4 57.0 85.4

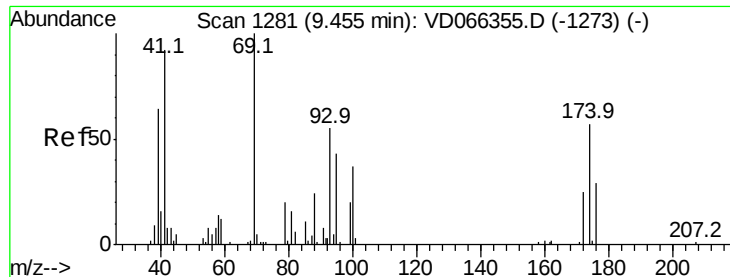


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

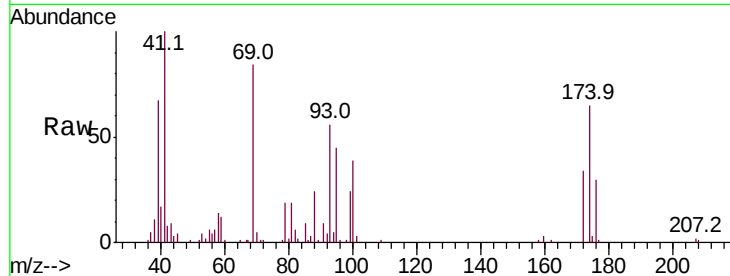




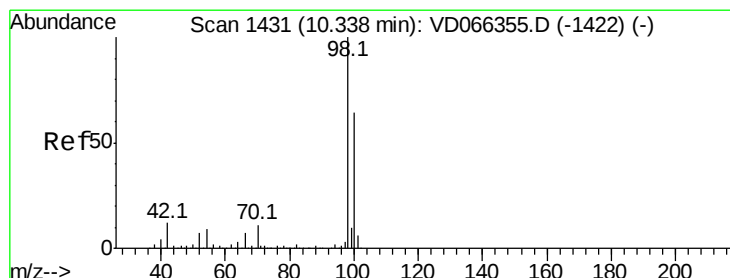
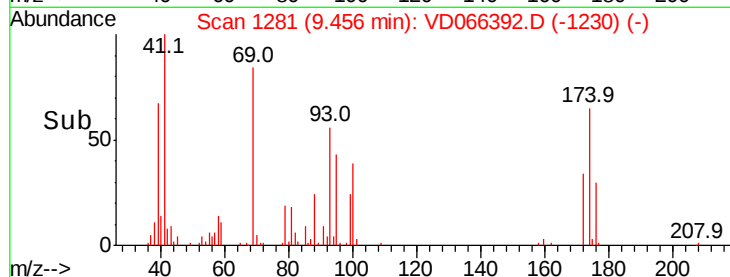
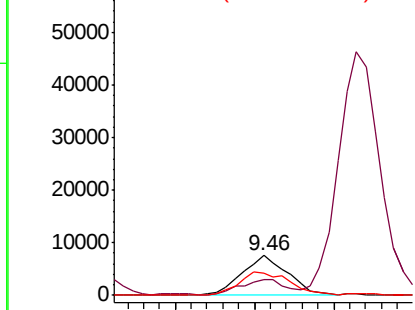
#49
1,4-Dioxane
Concen: 1093.880 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 15053
Ion Ratio Lower Upper
88 100
43 36.7 29.4 44.0
58 65.2 45.4 68.2

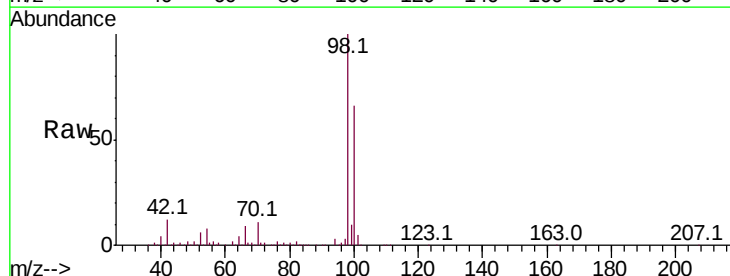


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

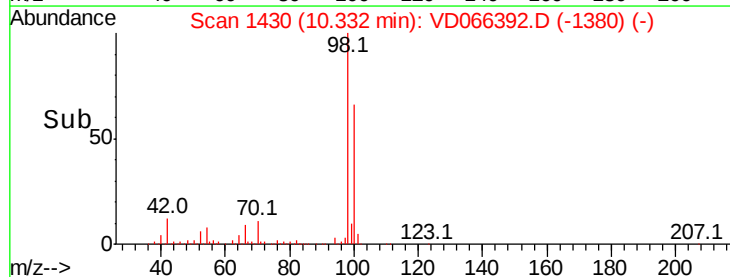
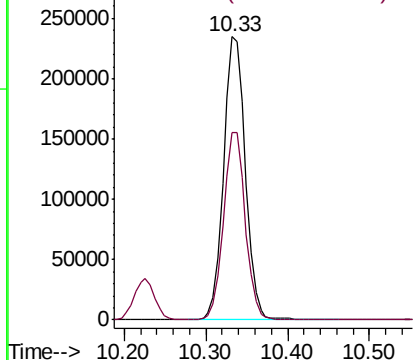


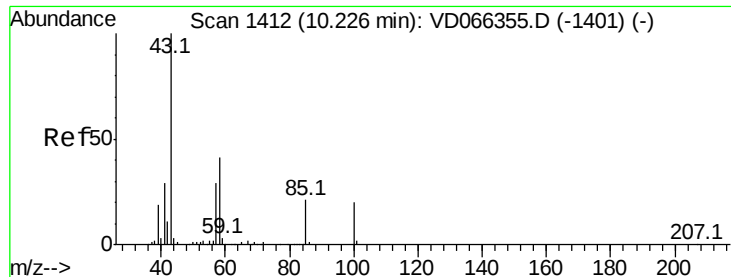
#50
Toluene-d8
Concen: 54.408 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion: 98 Resp: 435419
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 277.235 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

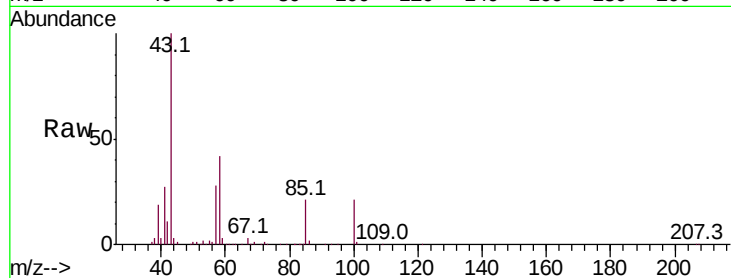
VSTDCCC050EC

Tot Ion: 43 Resp: 292207

Ion Ratio Lower Upper

43 100

58 40.3 31.4 47.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

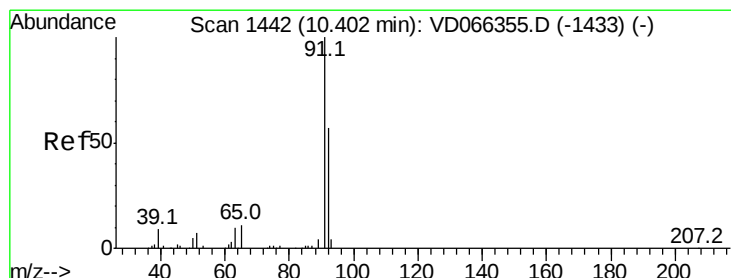
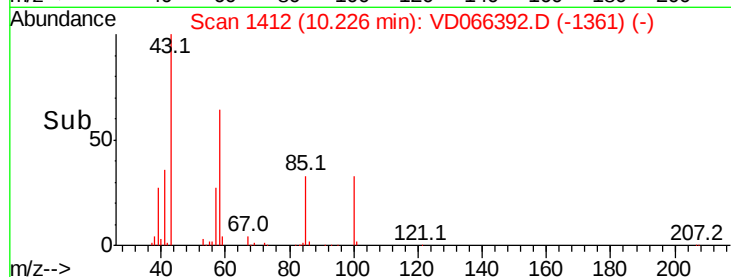
150000

100000

50000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 51.729 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066392.D

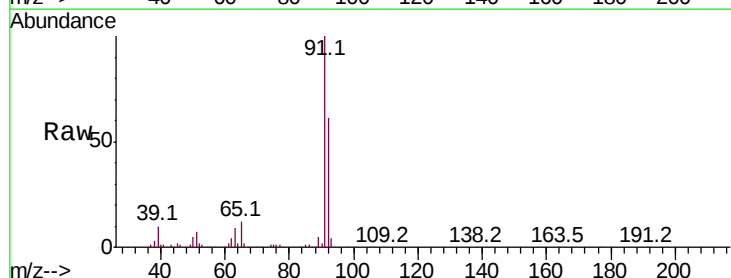
Acq: 24 Aug 2020 20:21

Tgt Ion: 92 Resp: 294252

Ion Ratio Lower Upper

92 100

91 170.7 135.8 203.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

300000

250000

200000

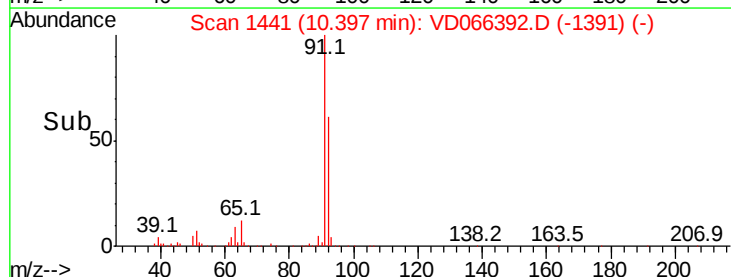
150000

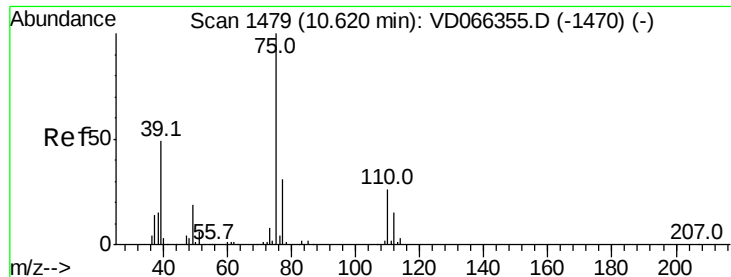
100000

50000

0

Time--> 10.30 10.40 10.50





#53

t-1,3-Dichloropropene

Concen: 50.824 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

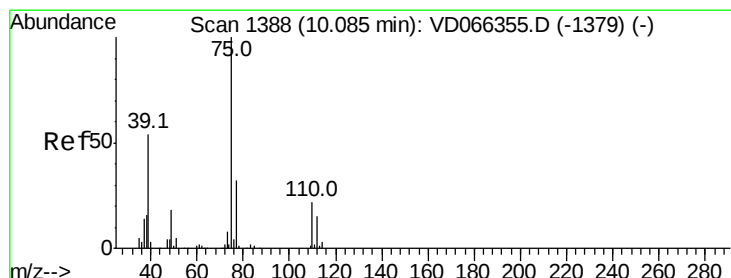
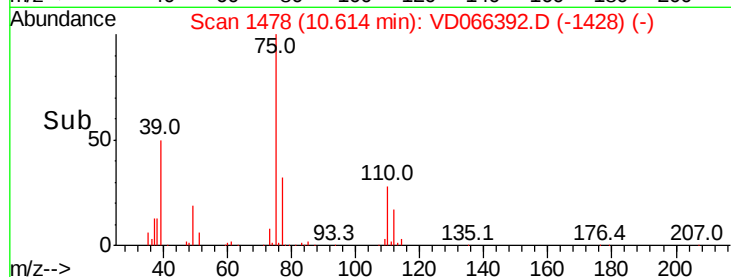
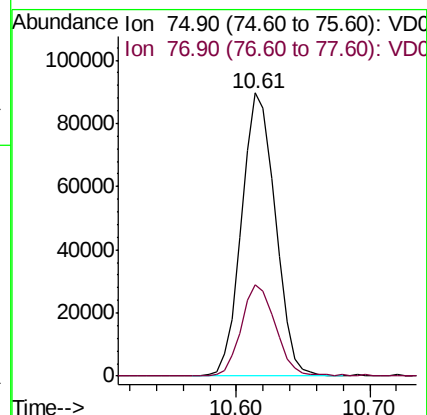
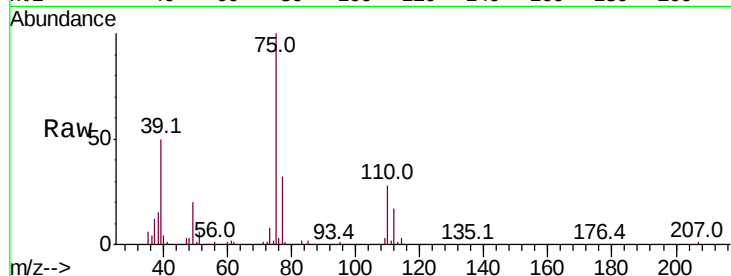
VSTDCCC050EC

Tot Ion: 75 Resp: 157173

Ion Ratio Lower Upper

75 100

77 32.0 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 51.380 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

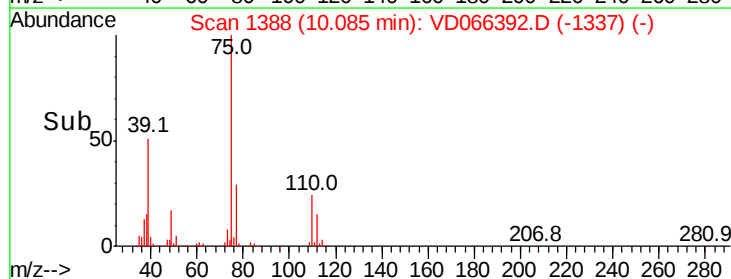
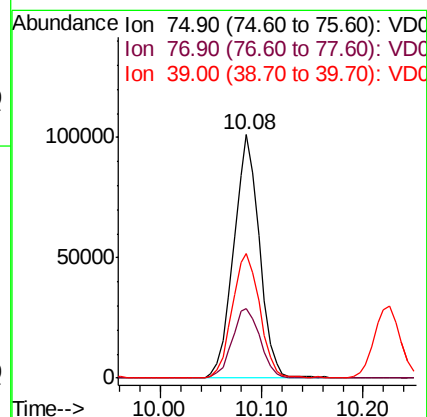
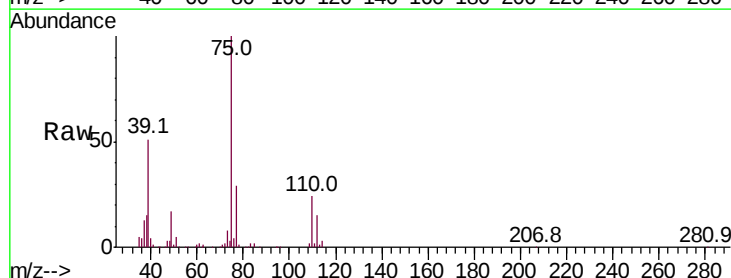
Tgt Ion: 75 Resp: 178352

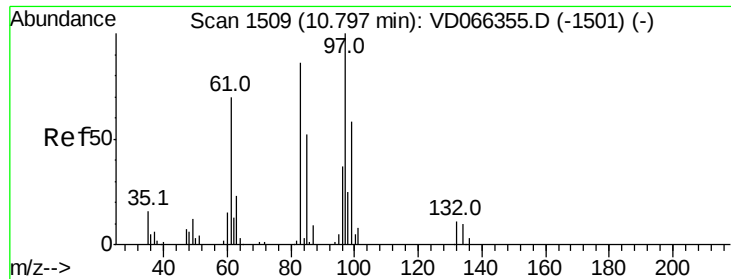
Ion Ratio Lower Upper

75 100

77 28.6 25.6 38.4

39 51.4 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 53.601 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 85996

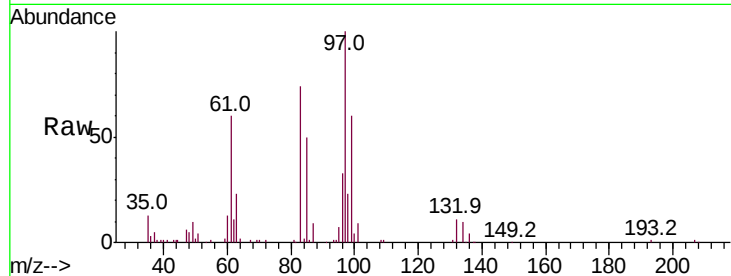
Ion Ratio Lower Upper

97 100

83 73.4 68.4 102.6

85 50.0 41.3 61.9

99 60.2 46.1 69.1

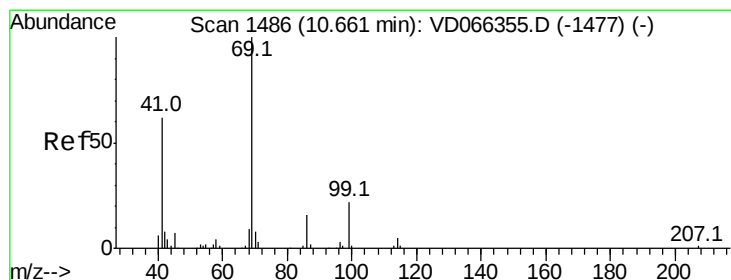
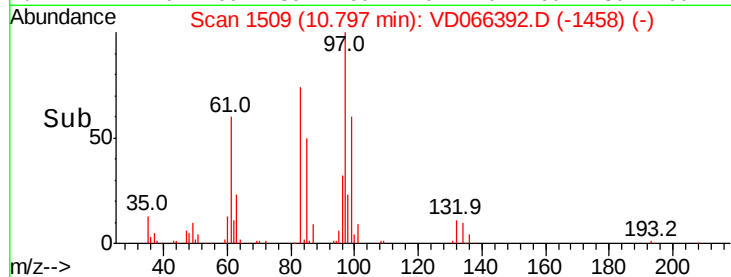
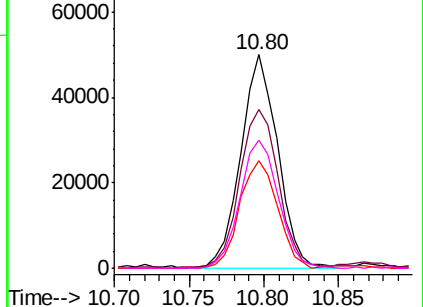


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 58.355 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

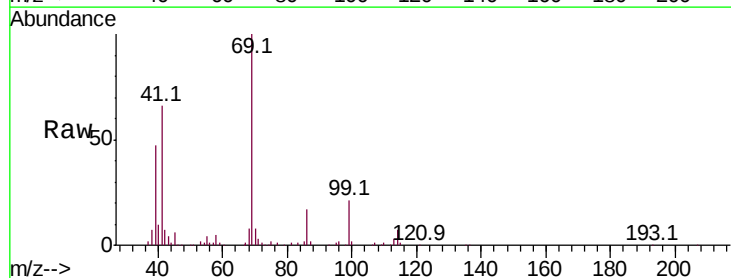
Tgt Ion: 69 Resp: 108381

Ion Ratio Lower Upper

69 100

41 62.8 50.8 76.2

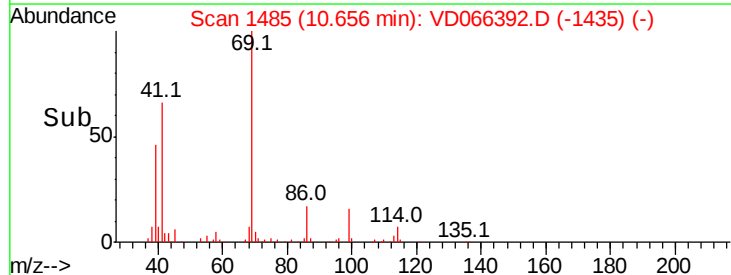
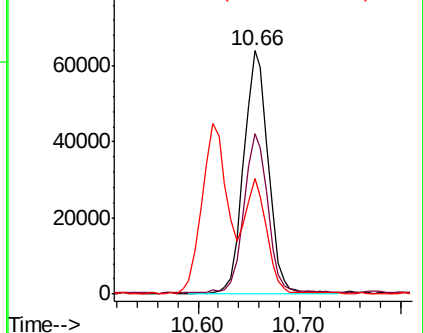
39 41.2 32.9 49.3

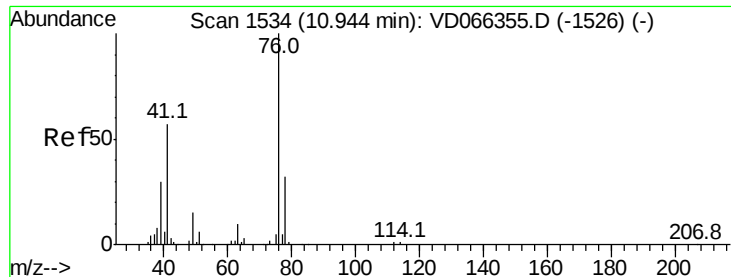


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 53.657 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

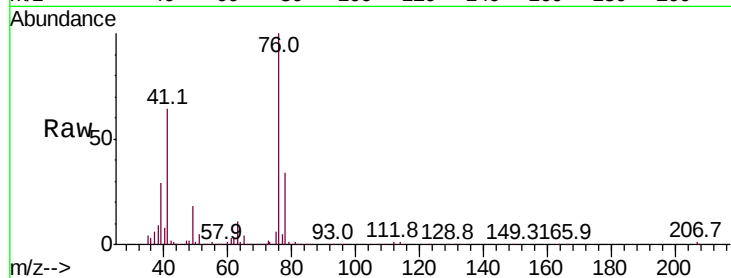
VSTDCCC050EC

Tot Ion: 76 Resp: 142396

Ion Ratio Lower Upper

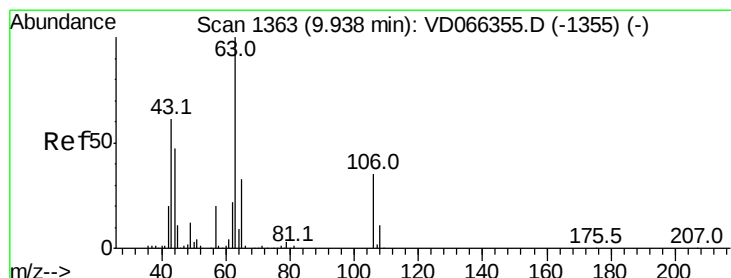
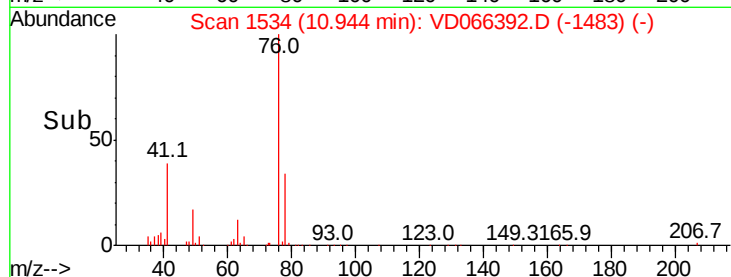
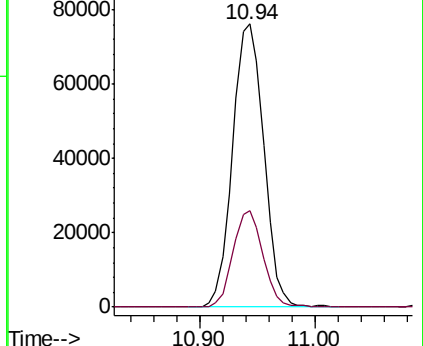
76 100

78 32.8 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 298.437 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066392.D

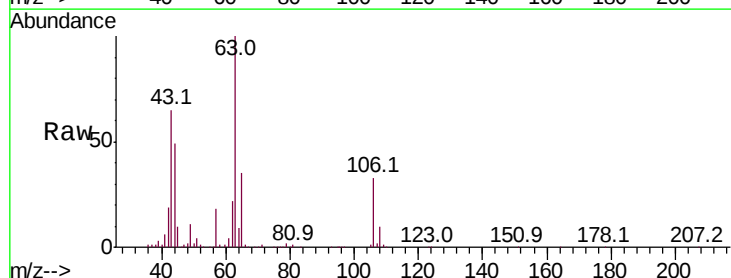
Acq: 24 Aug 2020 20:21

Tgt Ion: 63 Resp: 230206

Ion Ratio Lower Upper

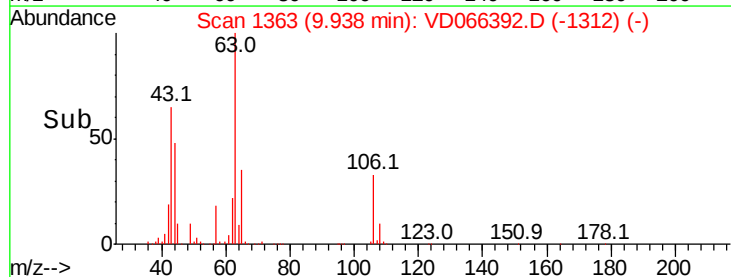
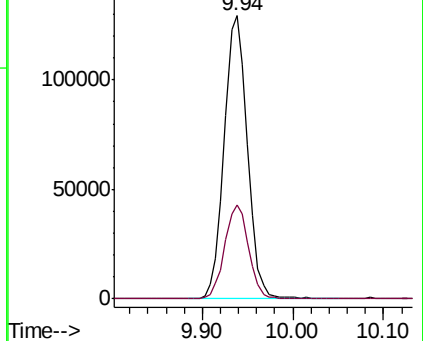
63 100

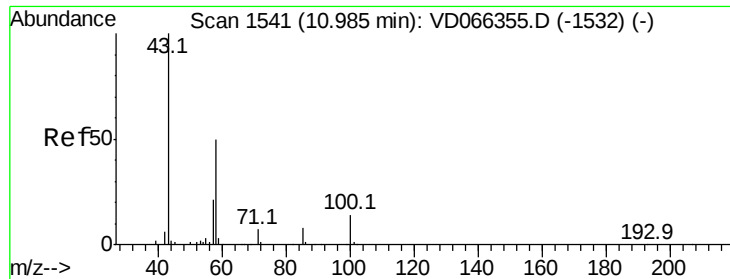
106 33.9 27.1 40.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

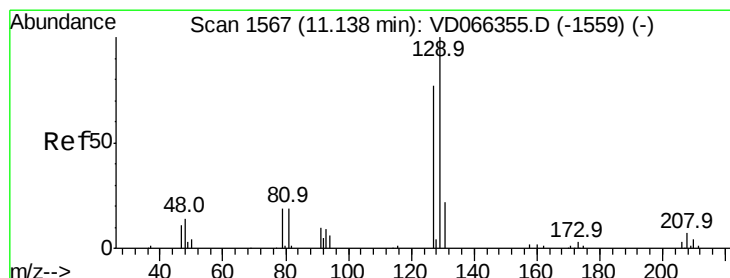
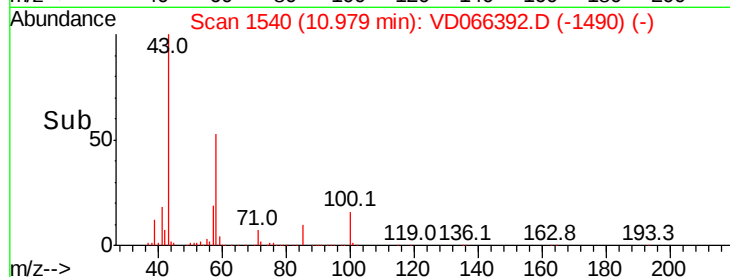
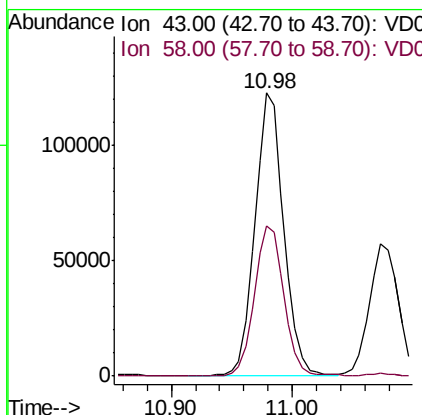
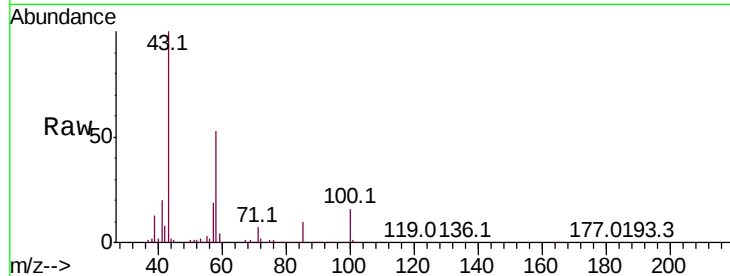




#59
2-Hexanone
Concen: 274.848 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

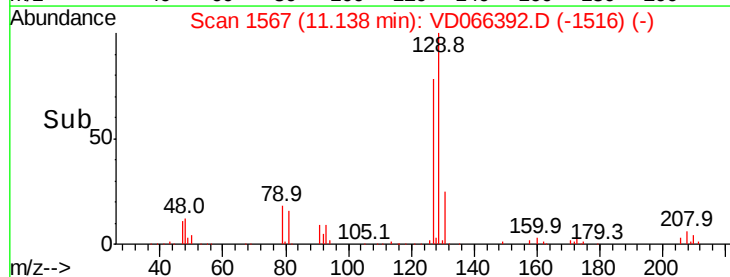
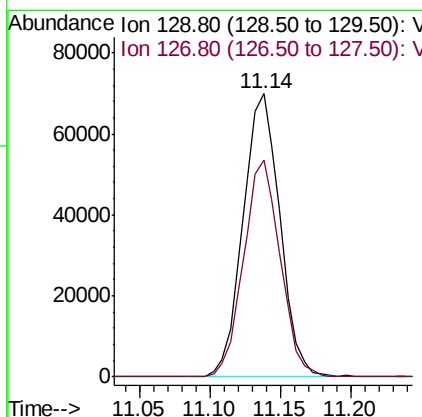
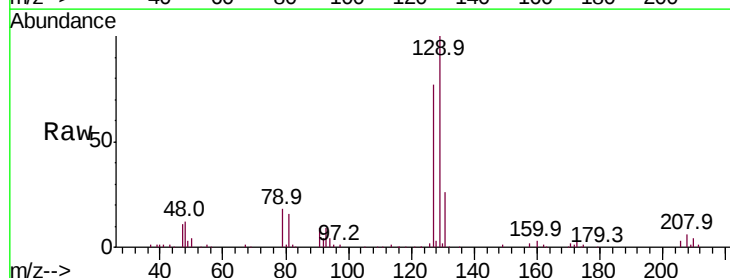
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

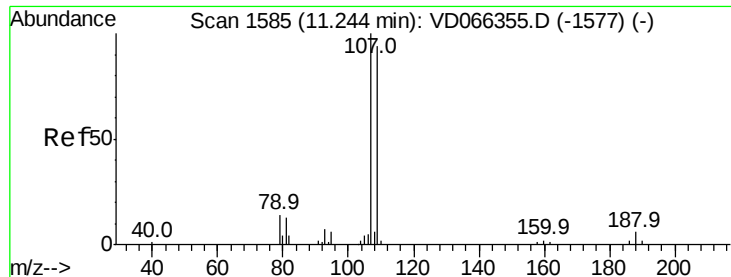
Tot Ion: 43 Resp: 204338
Ion Ratio Lower Upper
43 100
58 54.1 26.3 78.8



#60
Dibromochloromethane
Concen: 53.057 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion: 129 Resp: 128310
Ion Ratio Lower Upper
129 100
127 75.9 39.0 117.0

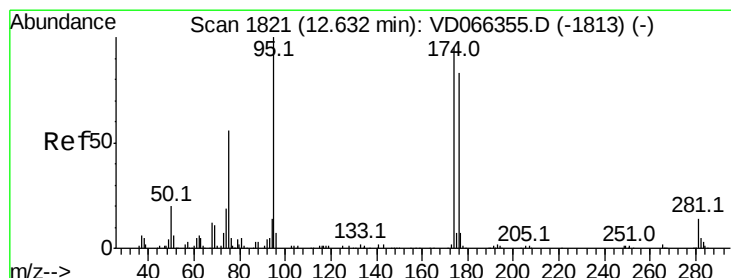
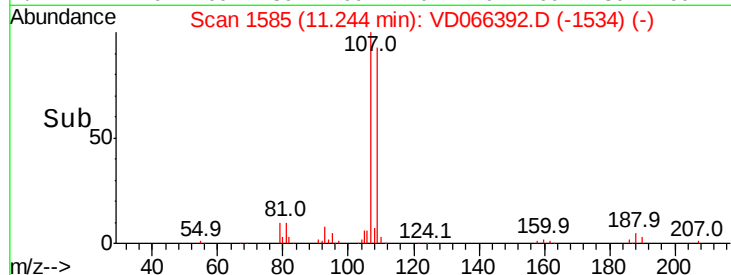
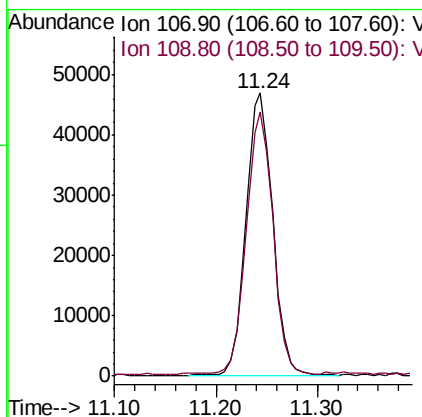
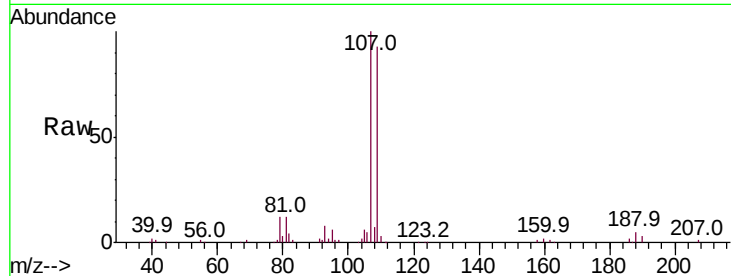




#61
 1,2-Dibromoethane
 Concen: 54.849 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

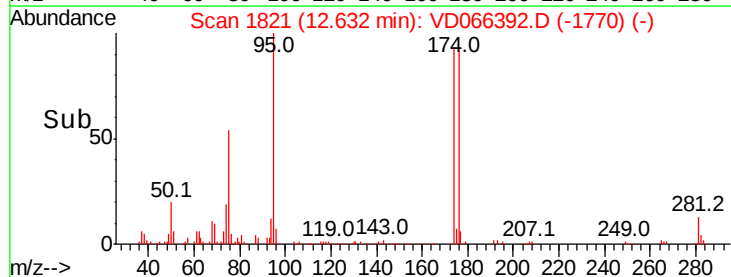
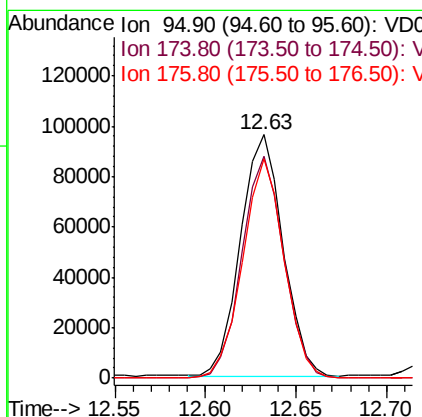
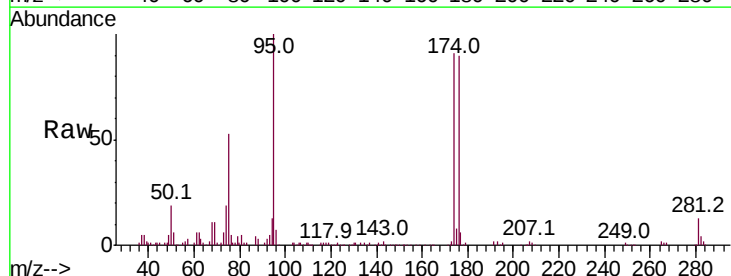
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

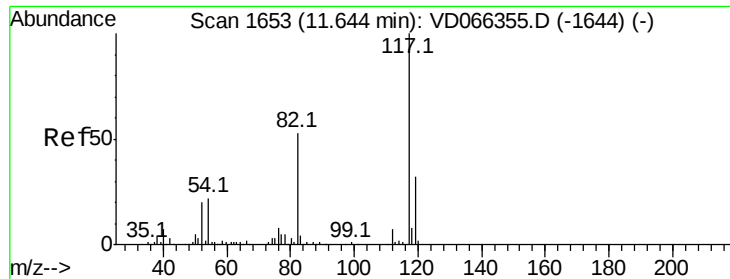
Tot Ion:107 Resp: 86599
 Ion Ratio Lower Upper
 107 100
 109 92.6 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 55.010 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Tgt Ion: 95 Resp: 156214
 Ion Ratio Lower Upper
 95 100
 174 90.6 0.0 183.4
 176 88.7 0.0 173.8

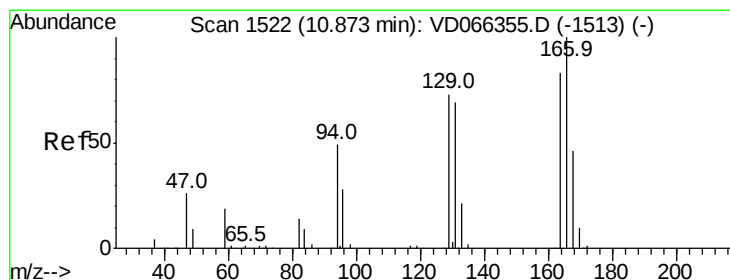
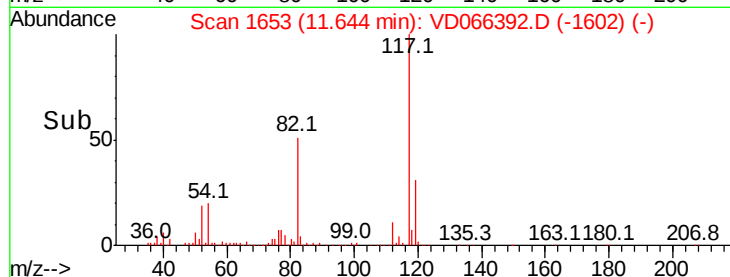
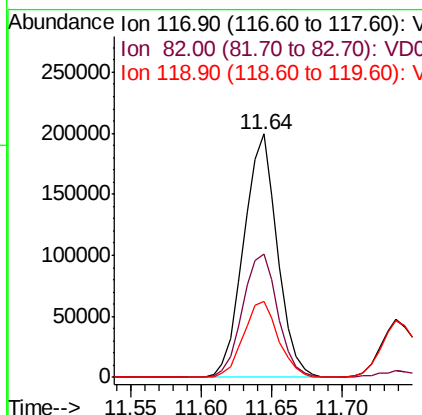
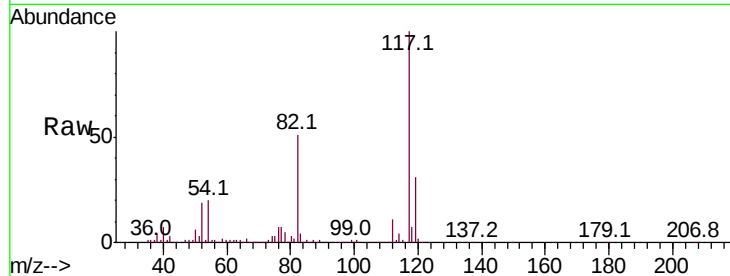




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

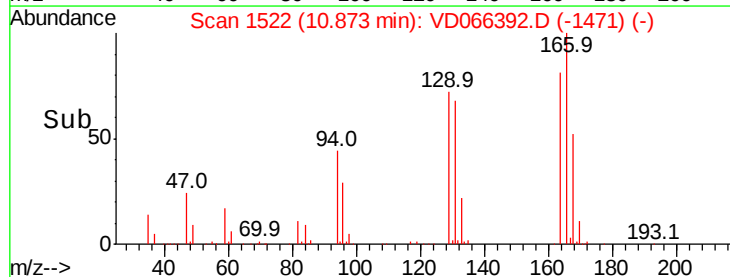
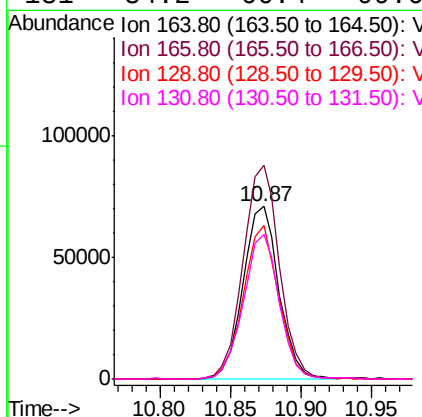
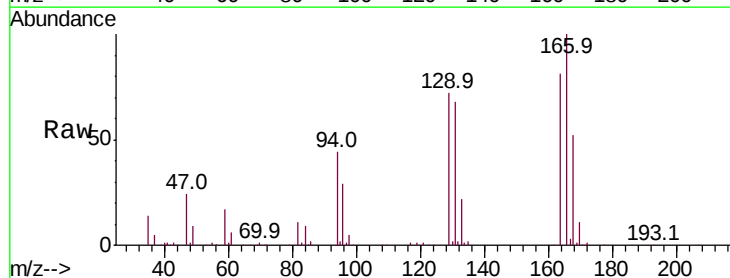
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

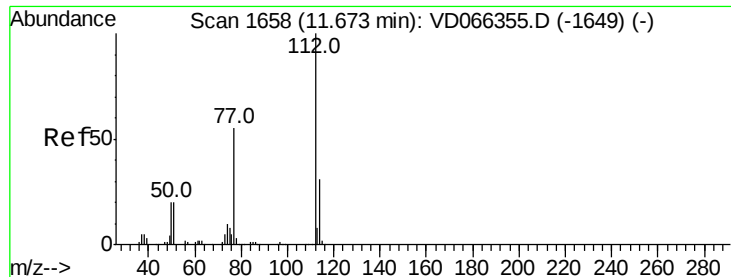
Tot Ion:117 Resp: 333552
Ion Ratio Lower Upper
117 100
82 50.6 42.8 64.2
119 31.3 25.8 38.8



#64
Tetrachloroethene
Concen: 49.795 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion:164 Resp: 125997
Ion Ratio Lower Upper
164 100
166 123.8 96.2 144.4
129 89.1 70.3 105.5
131 84.2 66.4 99.6

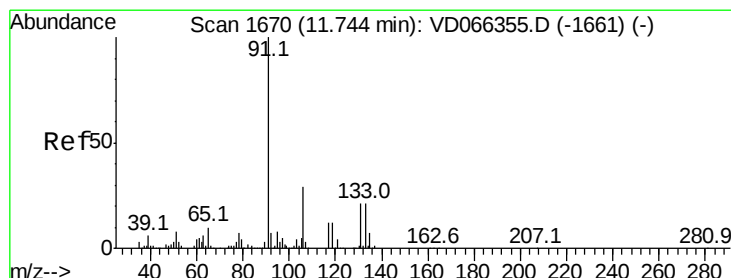
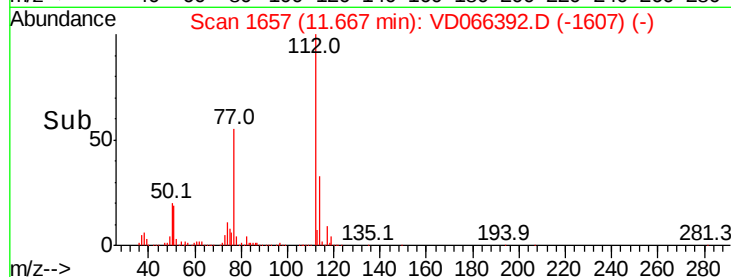
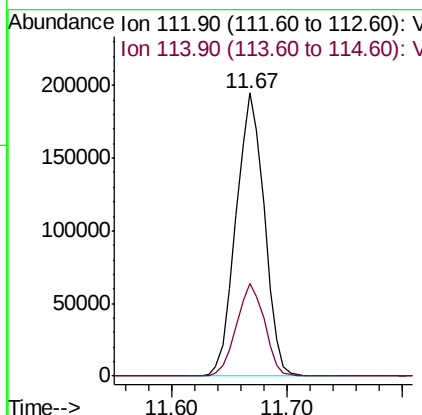
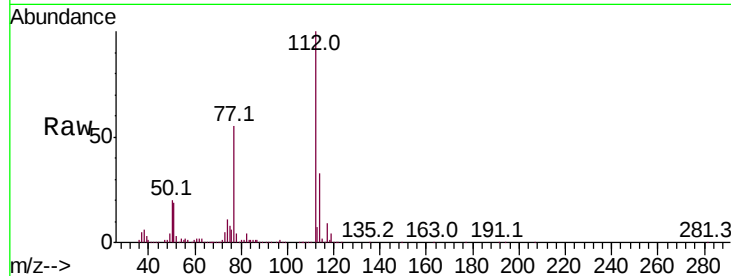




#65
Chlorobenzene
Concen: 49.987 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

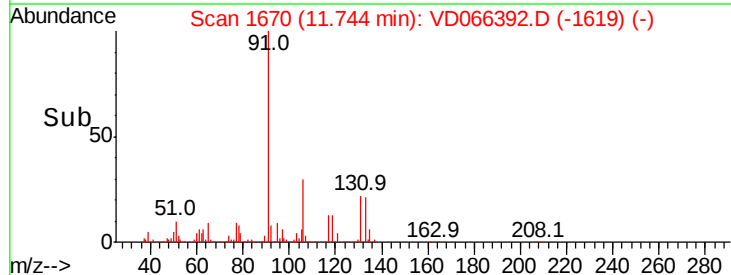
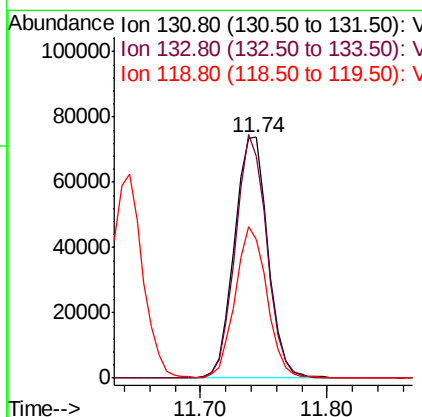
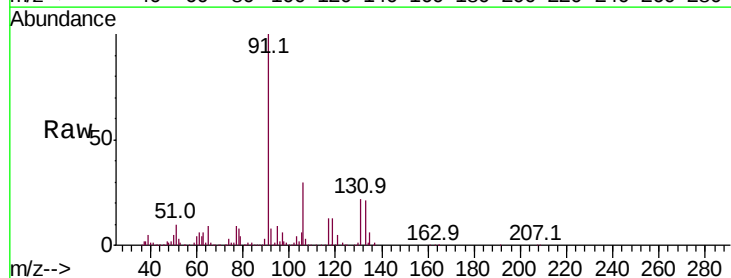
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

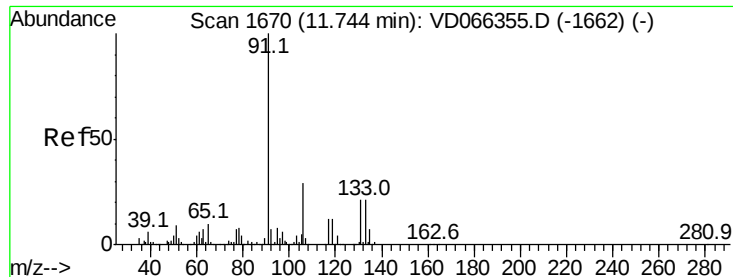
Tot Ion:112 Resp: 331715
Ion Ratio Lower Upper
112 100
114 32.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.637 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion:131 Resp: 134613
Ion Ratio Lower Upper
131 100
133 95.2 48.6 145.9
119 59.9 29.0 87.1





#67

Ethyl Benzene

Concen: 48.952 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

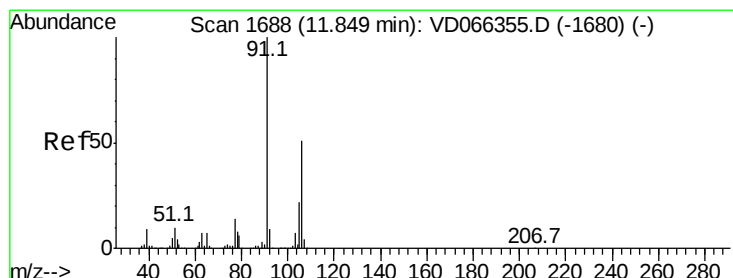
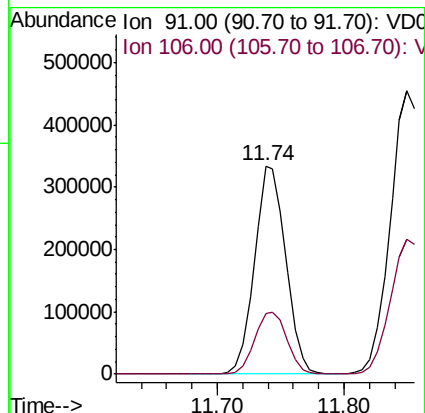
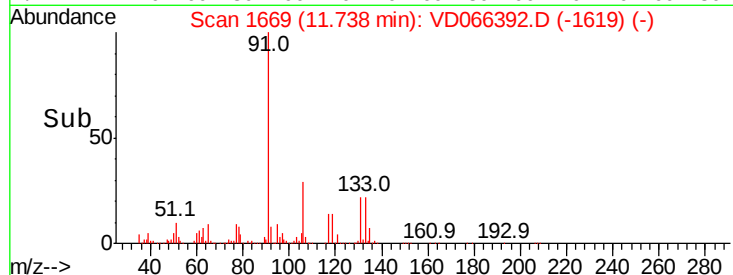
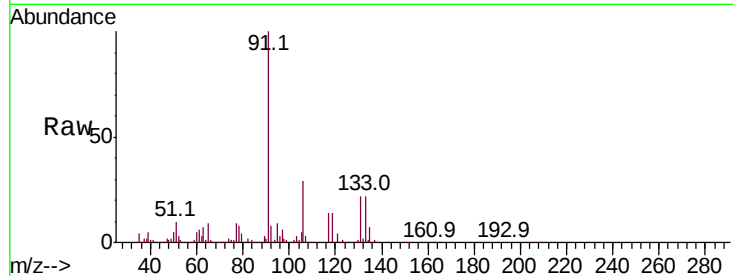
VSTDCCC050EC

Tot Ion: 91 Resp: 571812

Ion Ratio Lower Upper

91 100

106 29.3 23.4 35.2



#68

m/p-Xylenes

Concen: 95.940 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066392.D

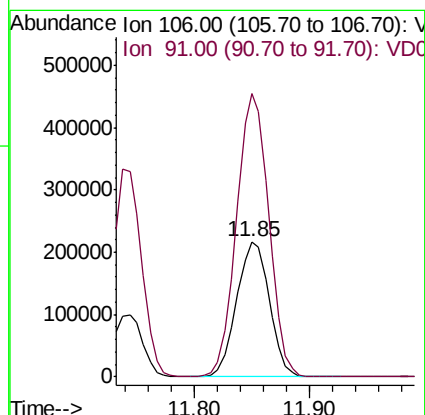
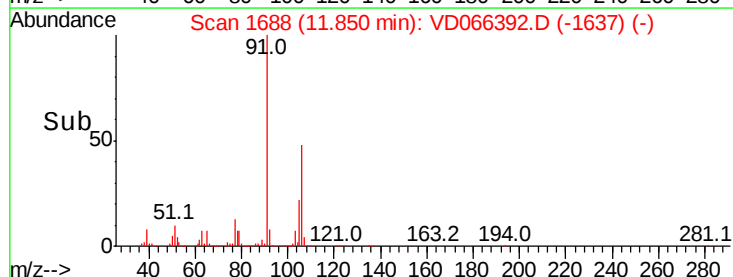
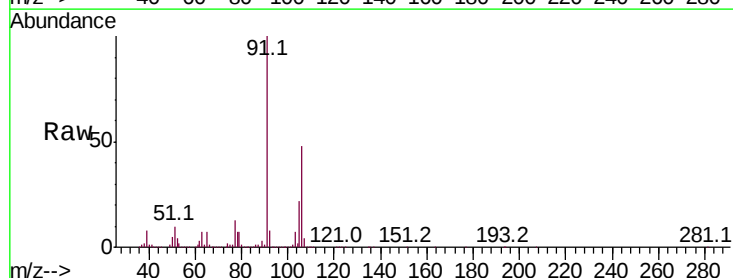
Acq: 24 Aug 2020 20:21

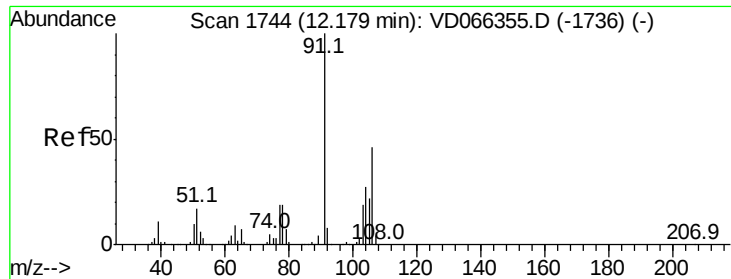
Tgt Ion: 106 Resp: 427153

Ion Ratio Lower Upper

106 100

91 205.7 160.7 241.1

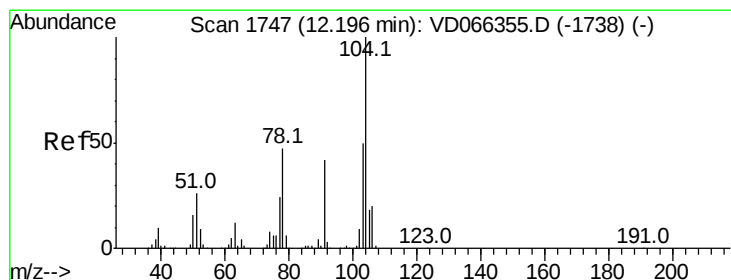
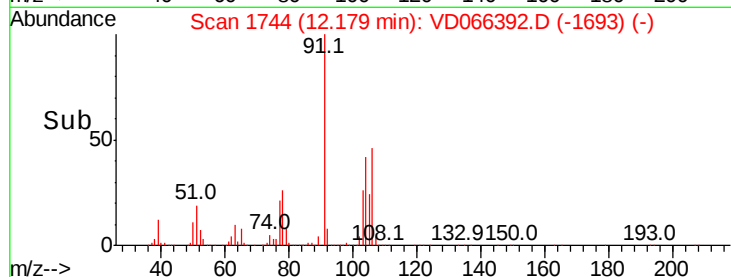
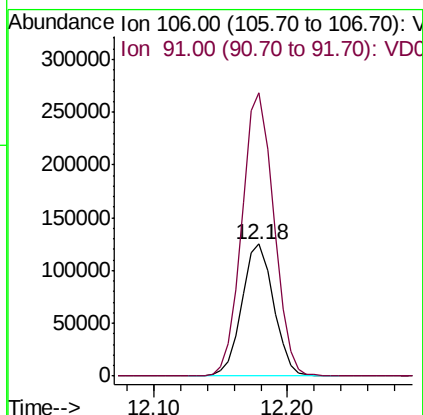
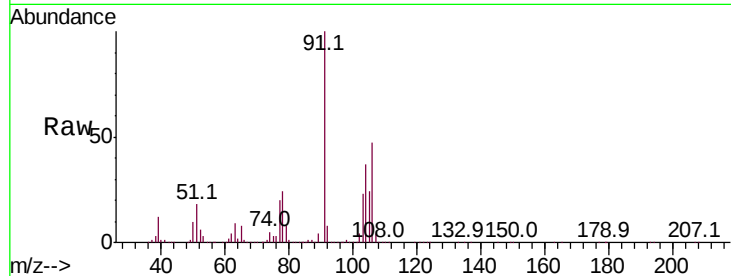




#69
o-Xylene
Concen: 49.572 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

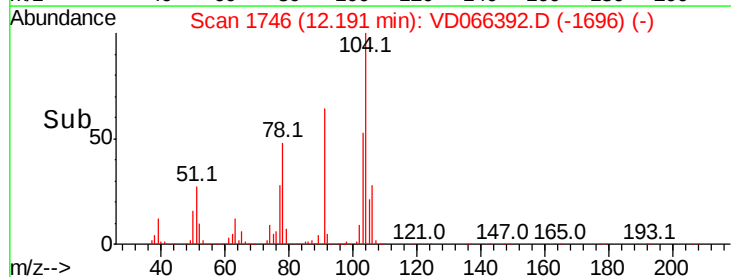
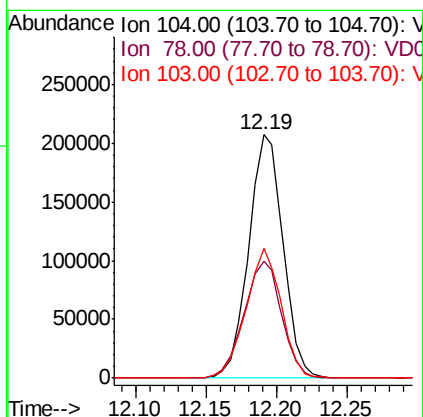
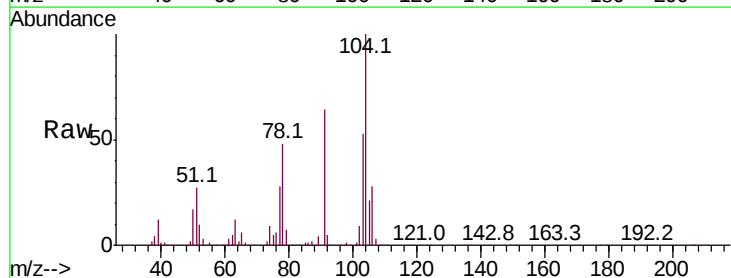
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

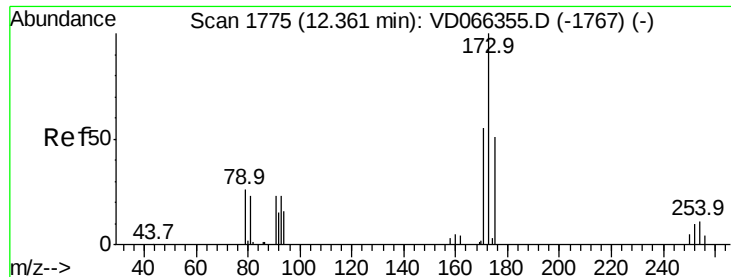
Tot Ion:106 Resp: 205325
Ion Ratio Lower Upper
106 100
91 215.1 109.1 327.3



#70
Styrene
Concen: 49.817 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion:104 Resp: 354297
Ion Ratio Lower Upper
104 100
78 52.8 41.7 62.5
103 54.6 43.5 65.3





#71

Bromoform

Concen: 51.170 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

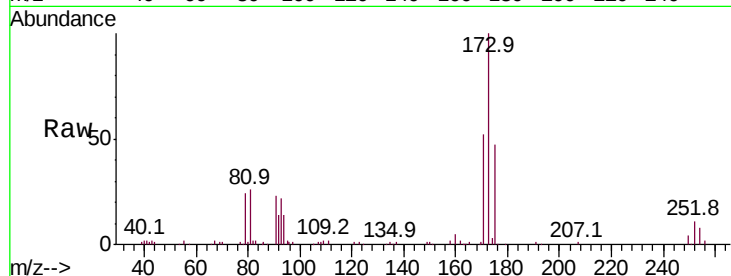
Tot Ion:173 Resp: 78730

Ion Ratio Lower Upper

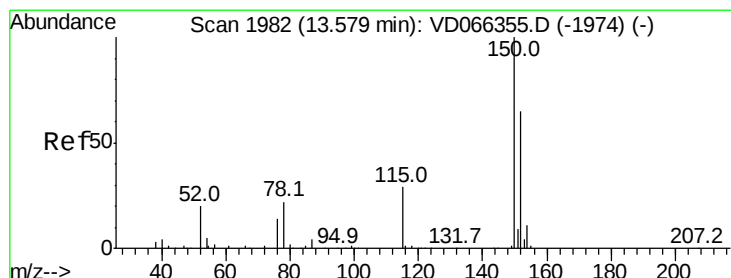
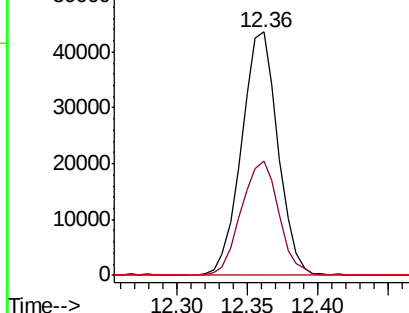
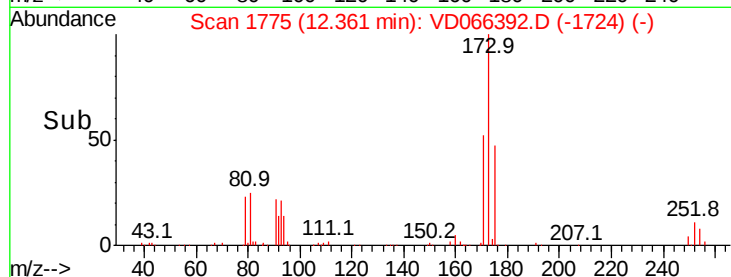
173 100

175 48.4 24.8 74.3

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1981

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

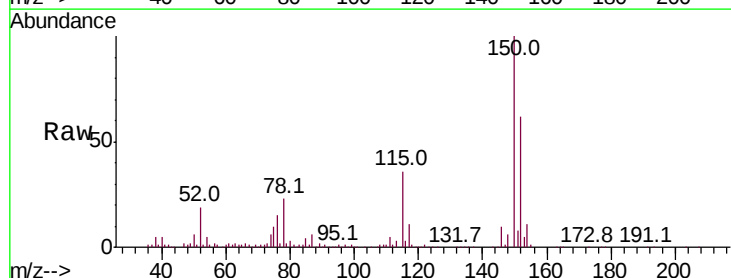
Tgt Ion:152 Resp: 164229

Ion Ratio Lower Upper

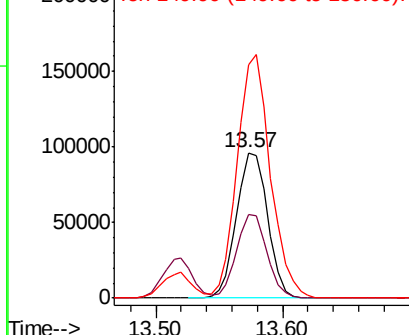
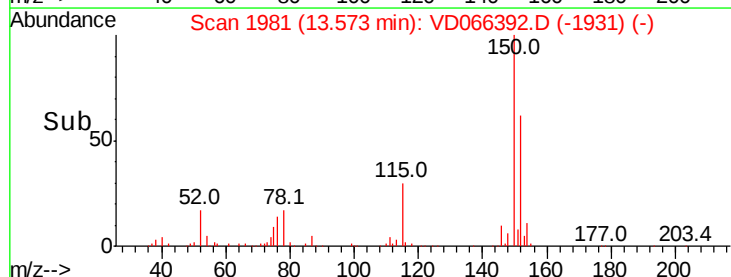
152 100

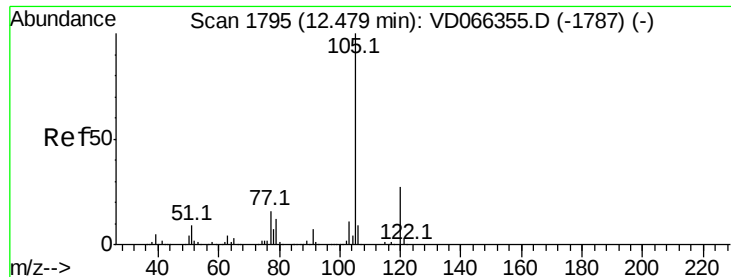
115 55.6 28.3 85.0

150 177.2 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.413 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

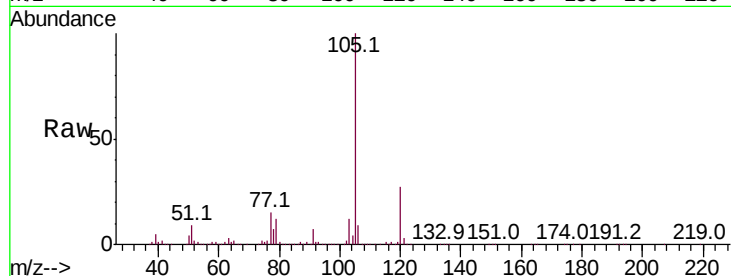
VSTDCCC050EC

Tot Ion:105 Resp: 565628

Ion Ratio Lower Upper

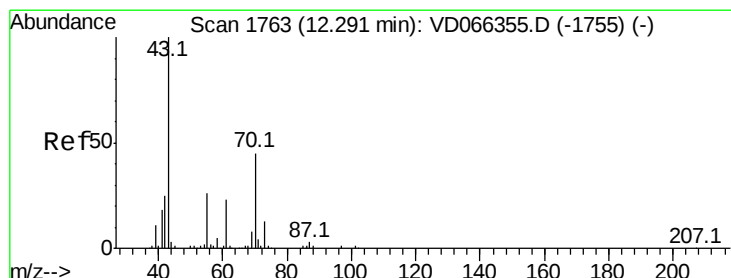
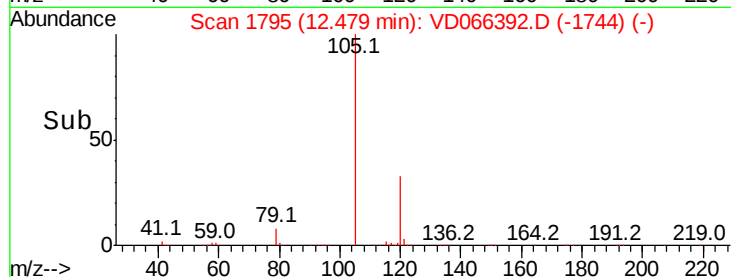
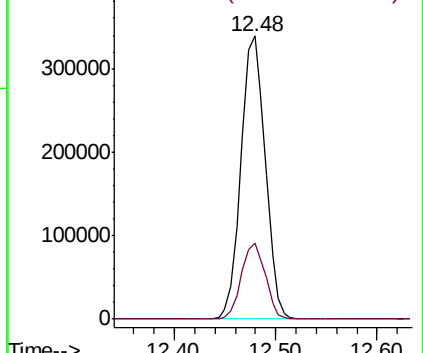
105 100

120 26.4 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.393 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Tgt Ion: 43 Resp: 112053

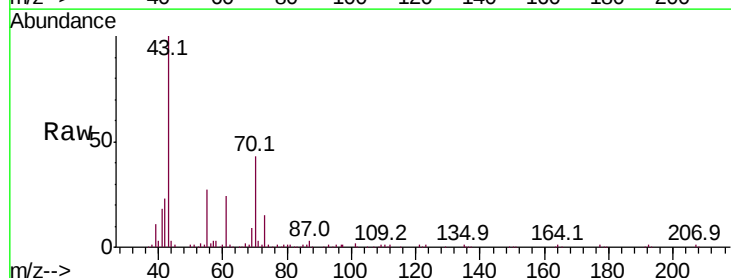
Ion Ratio Lower Upper

43 100

70 45.0 34.8 52.2

55 26.0 20.3 30.5

61 23.5 19.0 28.6

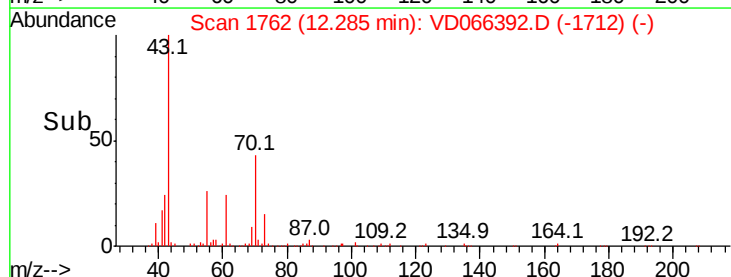
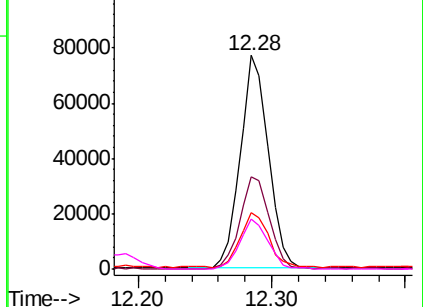


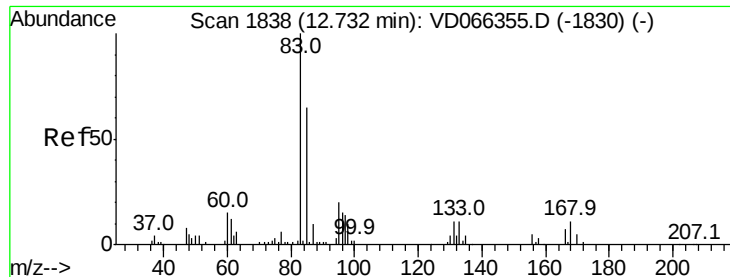
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 53.640 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

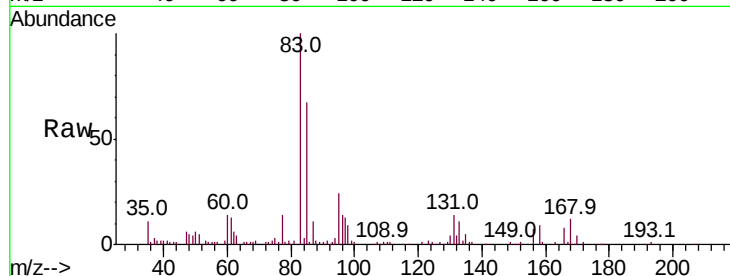
Tot Ion: 83 Resp: 84302

Ion Ratio Lower Upper

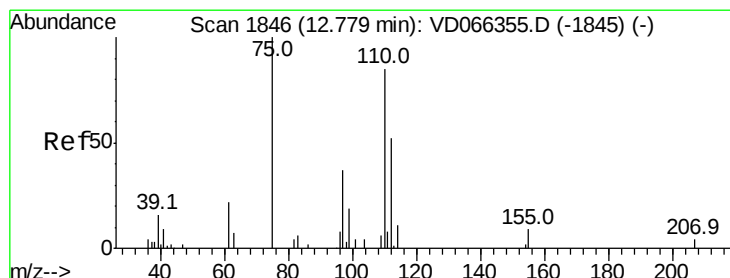
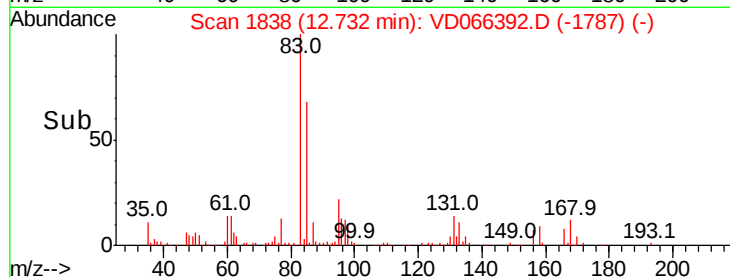
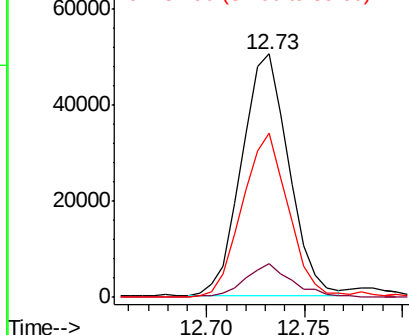
83 100

131 14.1 7.0 20.9

85 66.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 101.789 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066392.D

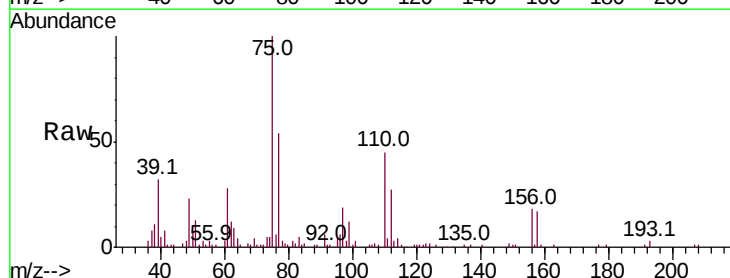
Acq: 24 Aug 2020 20:21

Tgt Ion: 75 Resp: 117603

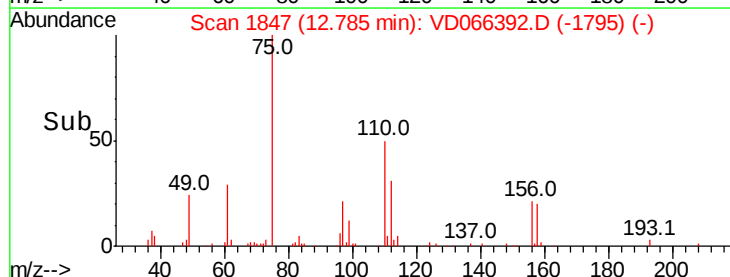
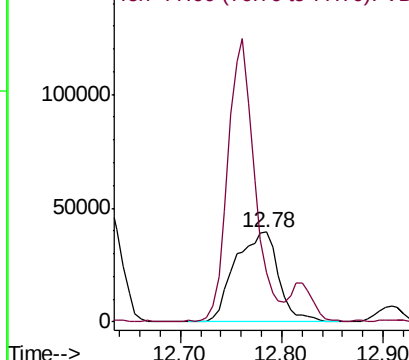
Ion Ratio Lower Upper

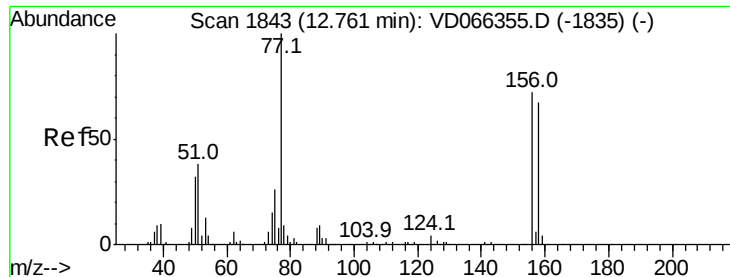
75 100

77 0.0 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.550 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

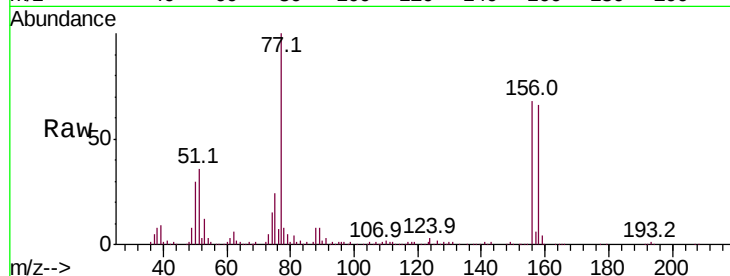
Tot Ion:156 Resp: 146737

Ion Ratio Lower Upper

156 100

77 156.8 76.1 228.3

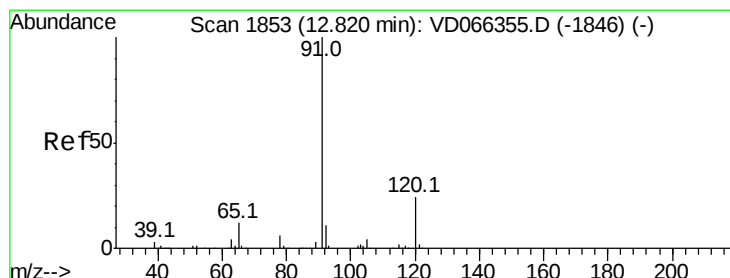
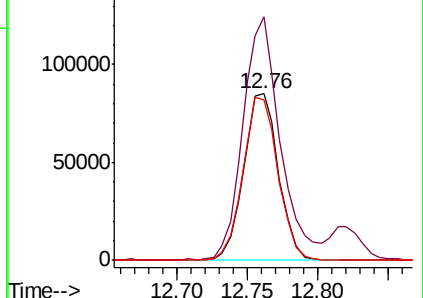
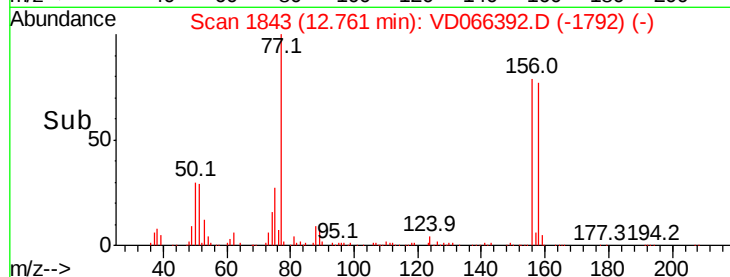
158 98.5 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.820 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066392.D

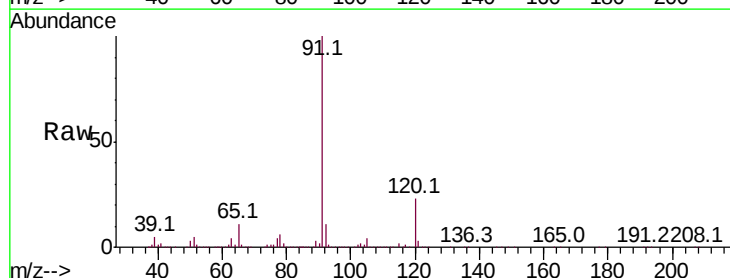
Acq: 24 Aug 2020 20:21

Tgt Ion: 91 Resp: 628456

Ion Ratio Lower Upper

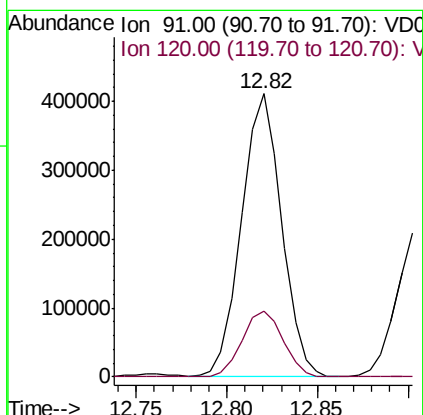
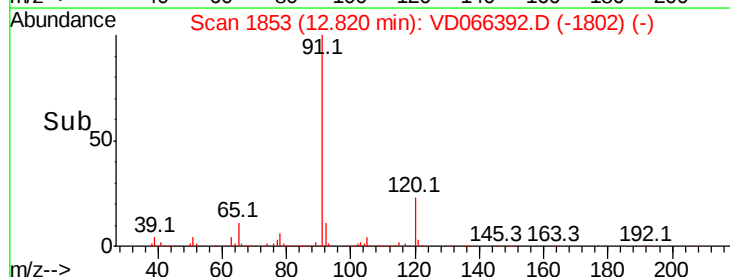
91 100

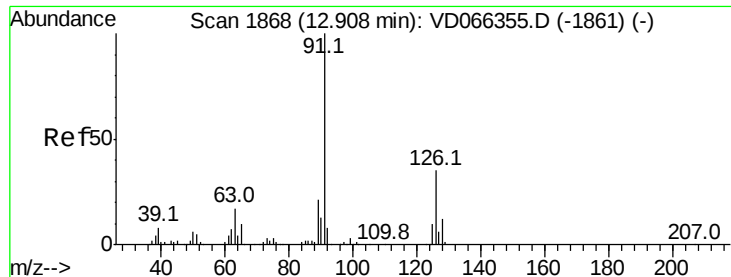
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.796 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

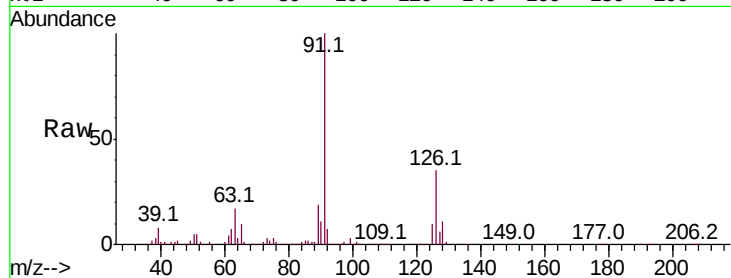
VSTDCCC050EC

Tot Ion: 91 Resp: 373171

Ion Ratio Lower Upper

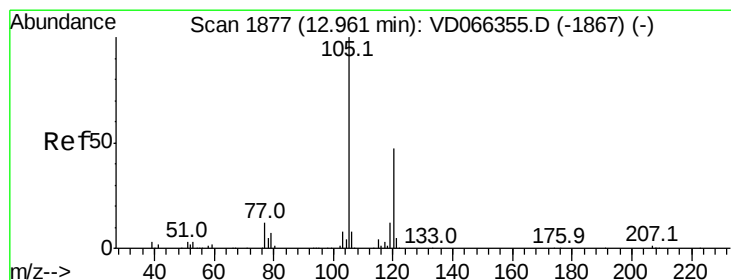
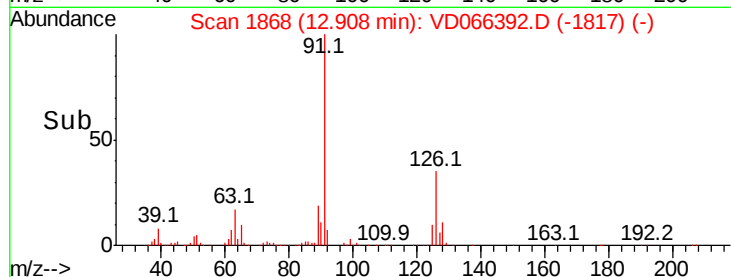
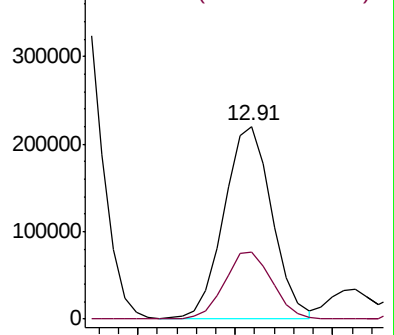
91 100

126 34.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.584 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066392.D

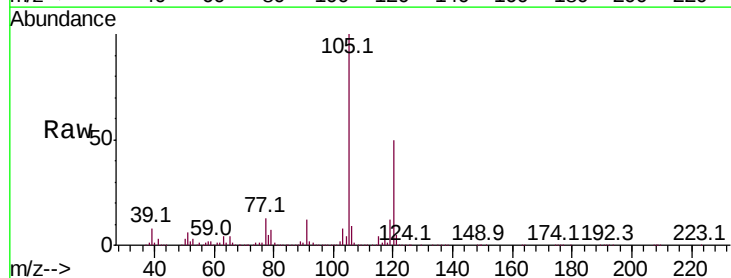
Acq: 24 Aug 2020 20:21

Tgt Ion:105 Resp: 480499

Ion Ratio Lower Upper

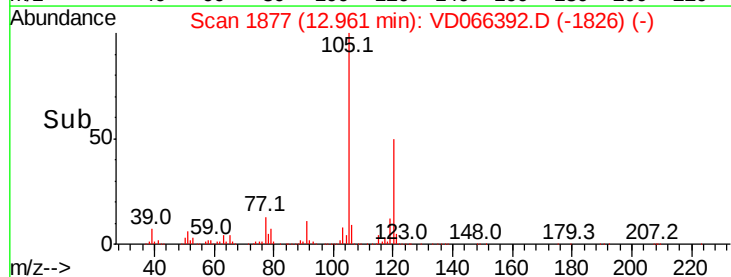
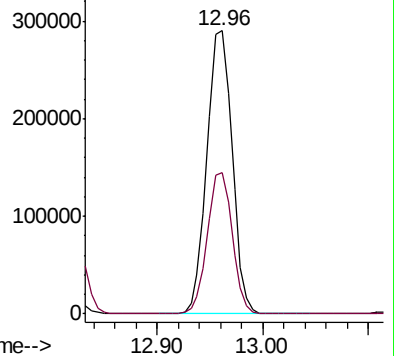
105 100

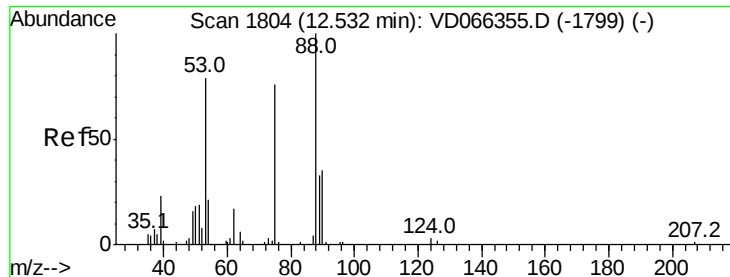
120 49.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

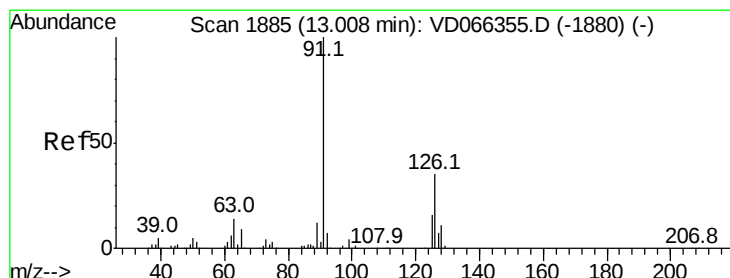
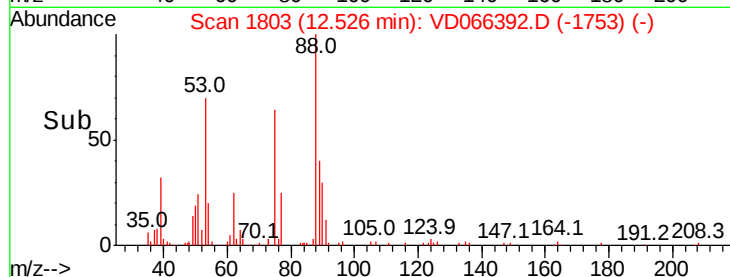
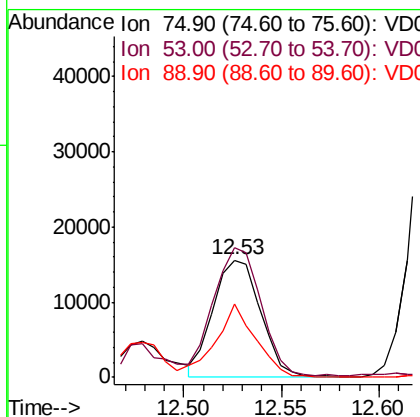
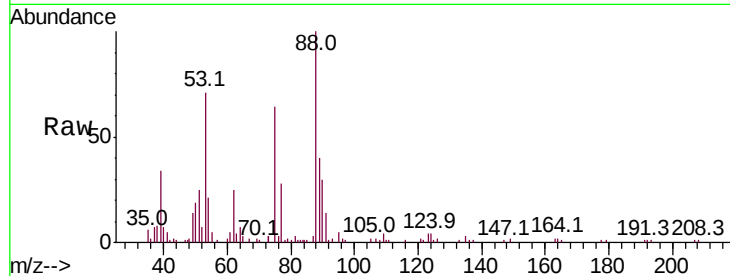




#81
trans-1,4-Dichloro-2-butene
Concen: 48.512 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

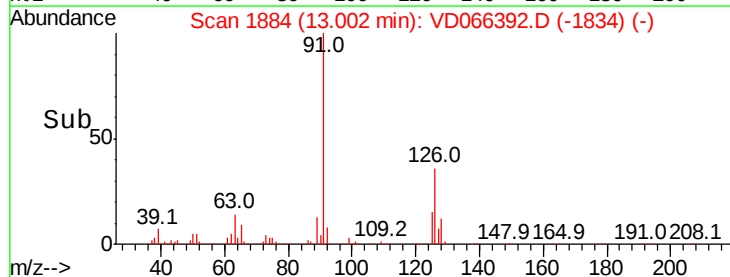
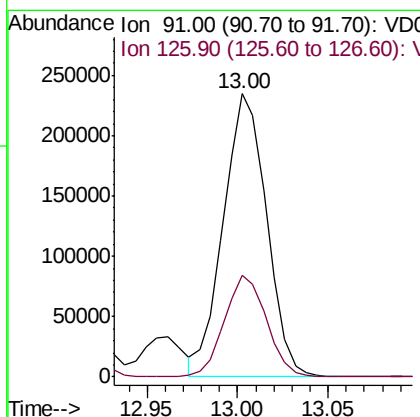
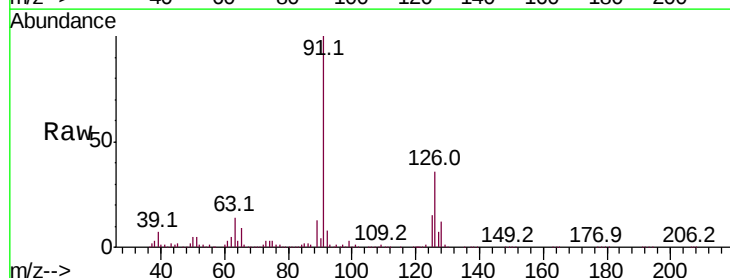
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

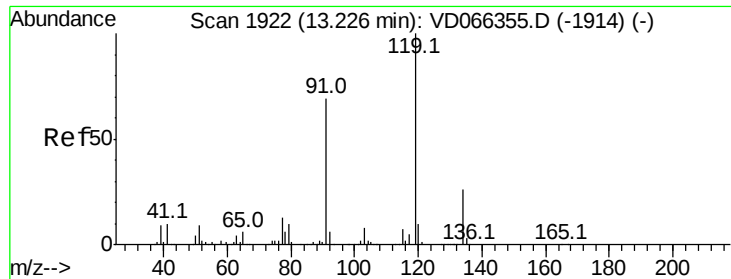
Tot Ion: 75 Resp: 26405
Ion Ratio Lower Upper
75 100
53 111.0 87.4 131.2
89 53.3 39.4 59.0



#82
4-Chlorotoluene
Concen: 50.719 ug/l
RT: 13.00 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion: 91 Resp: 387139
Ion Ratio Lower Upper
91 100
126 34.9 17.4 52.2





#83

tert-Butylbenzene

Concen: 50.790 ug/l

RT: 13.22 min Scan# 1921

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

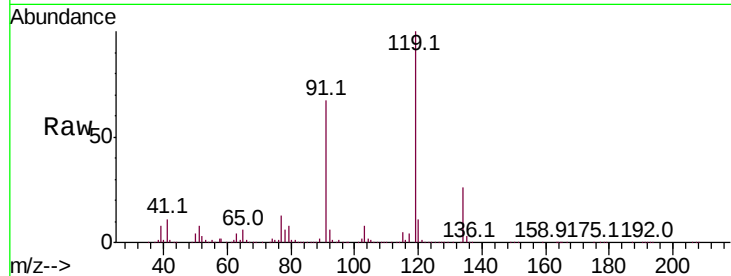
Tot Ion:119 Resp: 419052

Ion Ratio Lower Upper

119 100

91 65.2 33.5 100.5

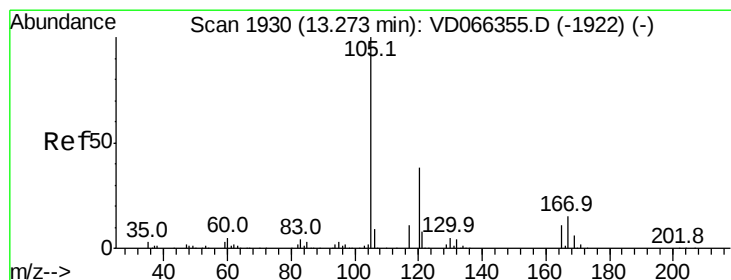
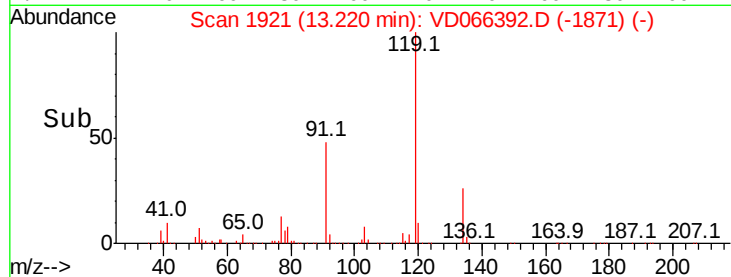
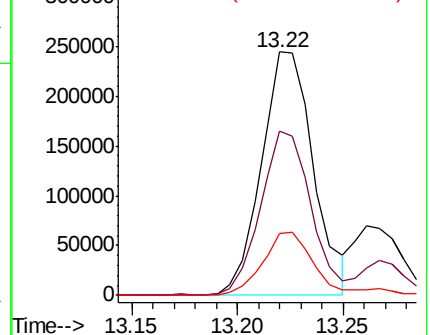
134 26.9 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.387 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066392.D

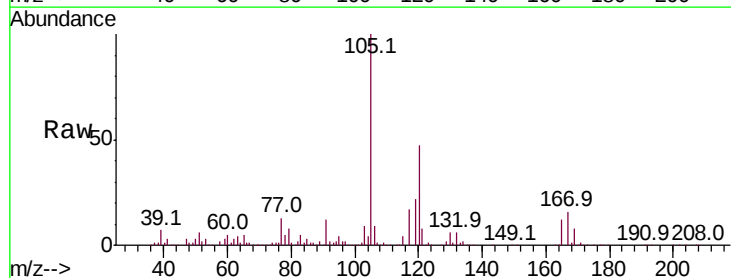
Acq: 24 Aug 2020 20:21

Tgt Ion:105 Resp: 479438

Ion Ratio Lower Upper

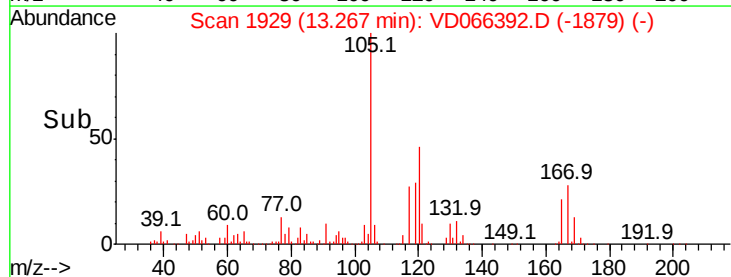
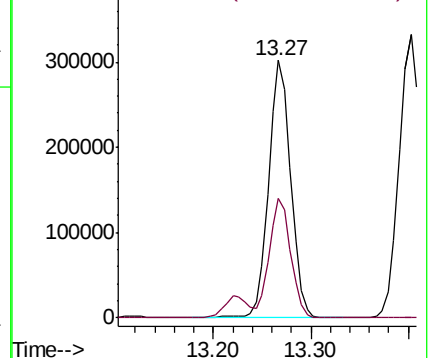
105 100

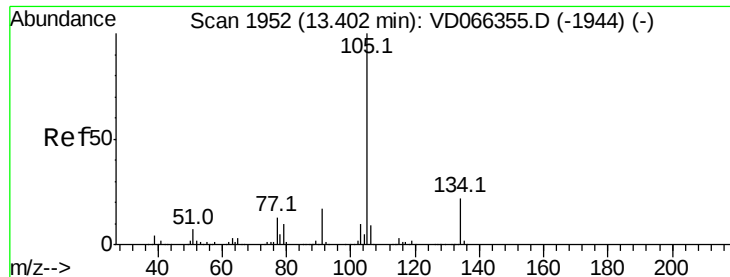
120 44.6 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.539 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

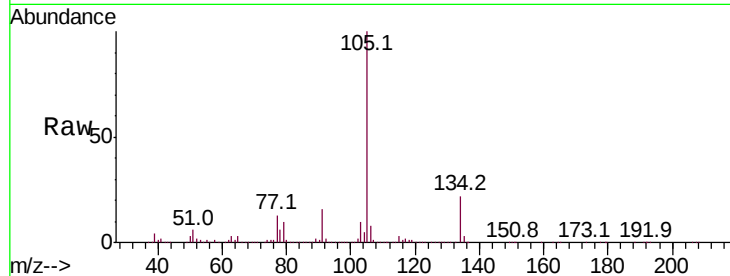
VSTDCCC050EC

Tot Ion:105 Resp: 524707

Ion Ratio Lower Upper

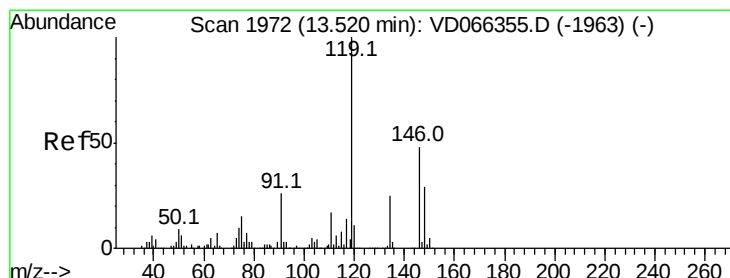
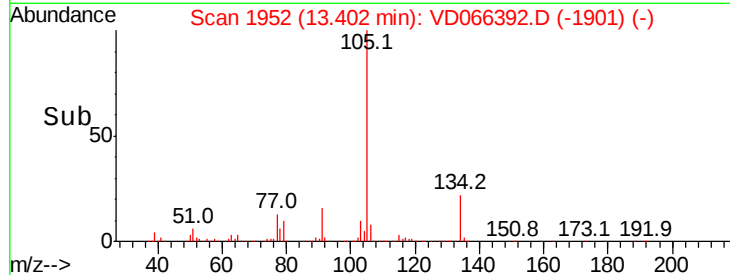
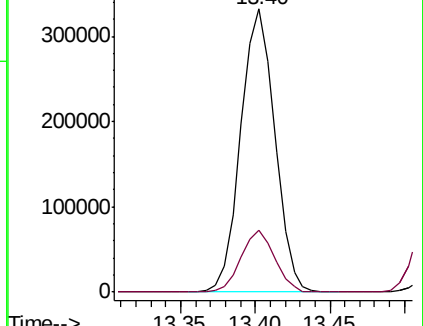
105 100

134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.924 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

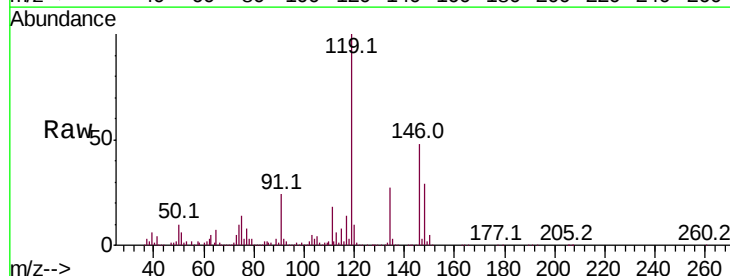
Tgt Ion:119 Resp: 509958

Ion Ratio Lower Upper

119 100

134 26.8 12.8 38.3

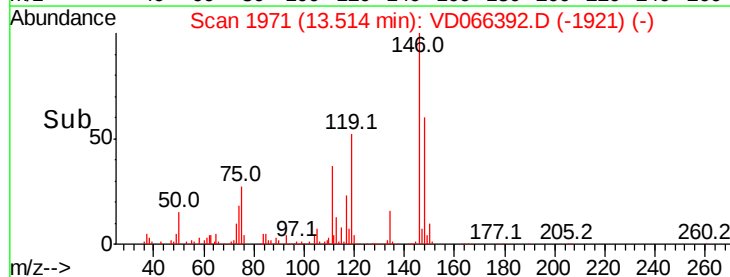
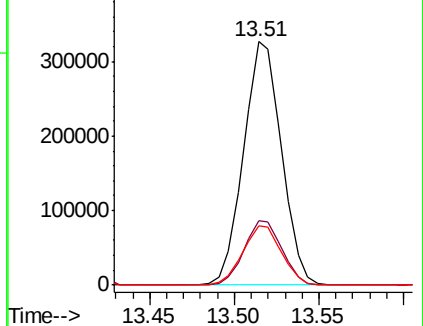
91 24.6 12.7 38.0

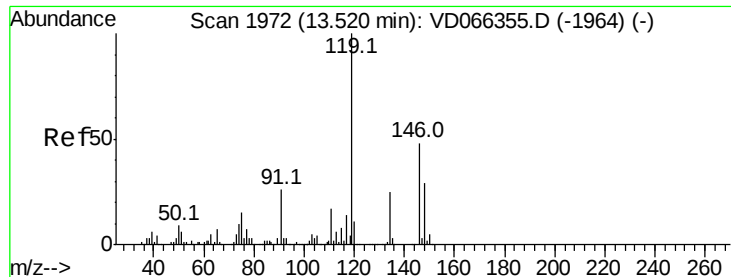


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.302 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

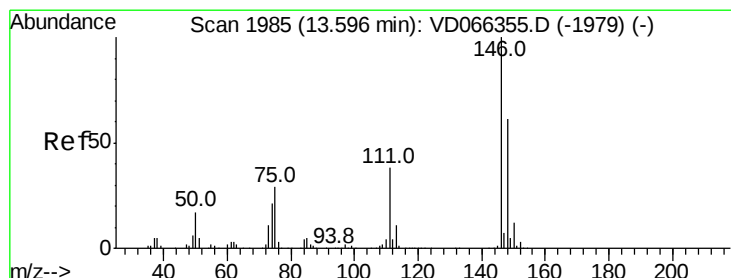
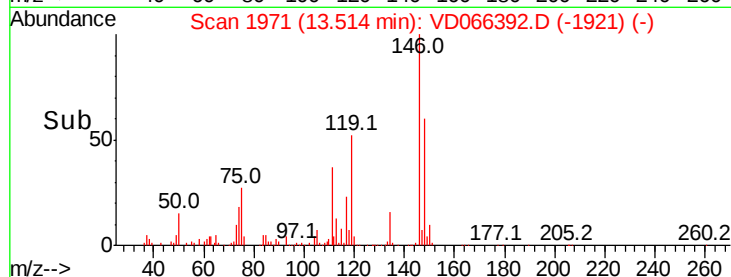
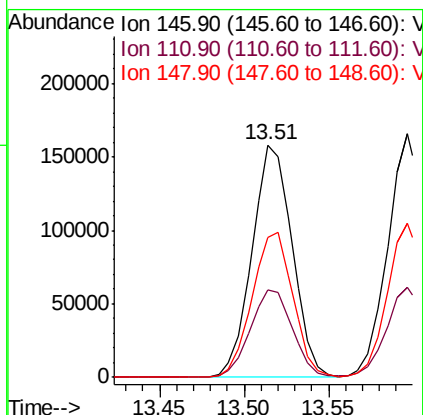
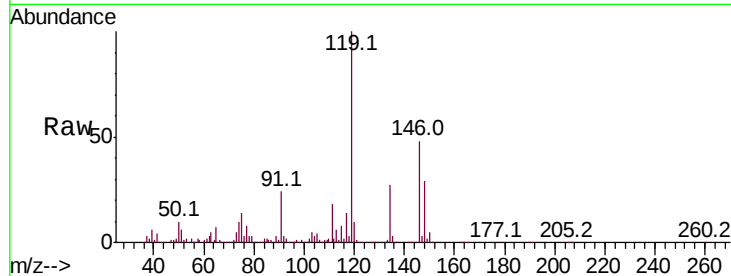
Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 262192

Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.9
148	63.2	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 50.141 ug/l

RT: 13.60 min Scan# 1985

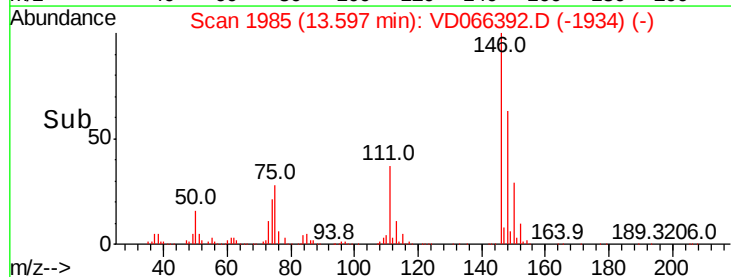
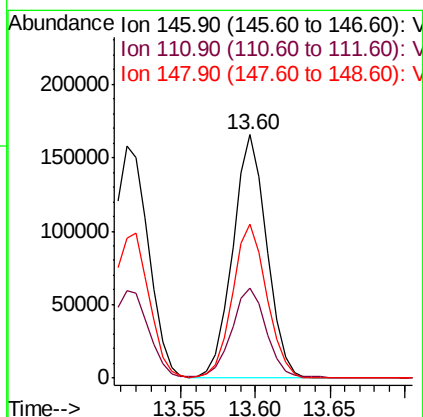
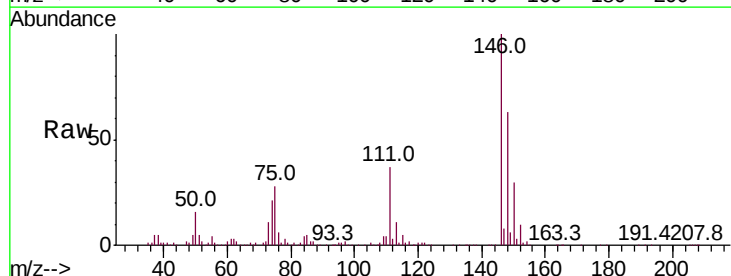
Delta R.T. 0.00 min

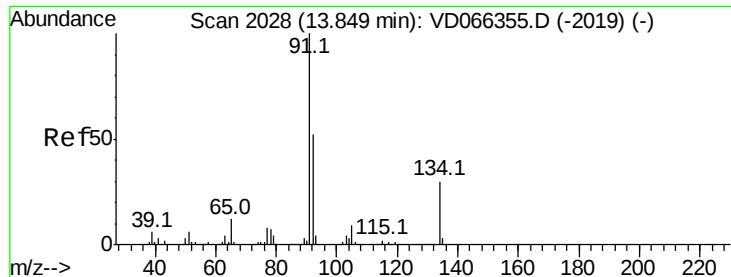
Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Tgt Ion:146 Resp: 262418

Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.5
148	63.9	32.1	96.3

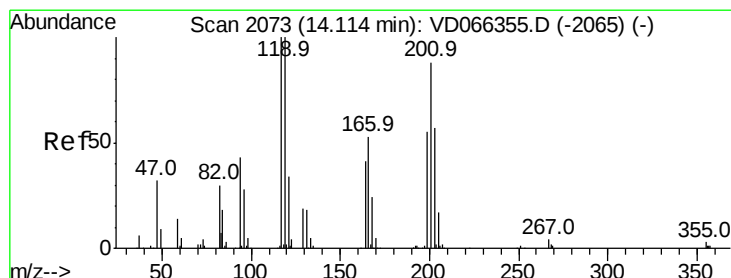
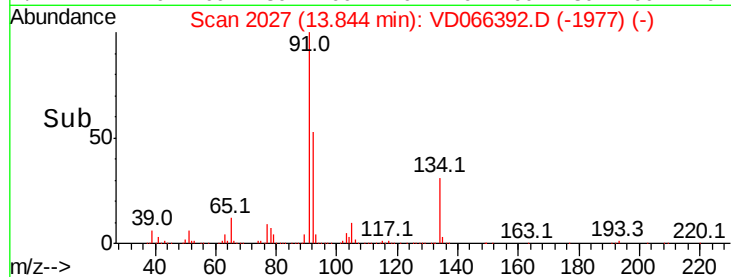
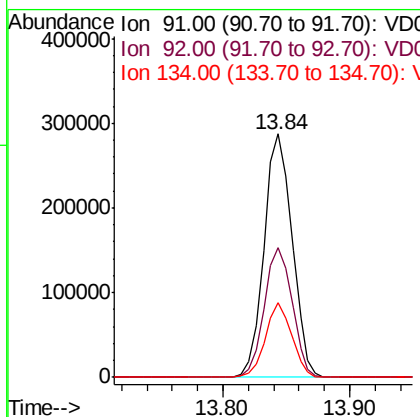
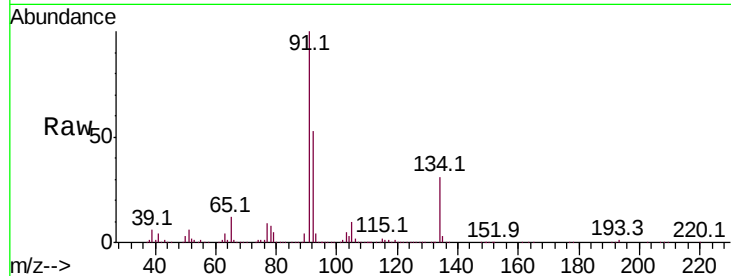




#89
n-Butylbenzene
Concen: 48.311 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

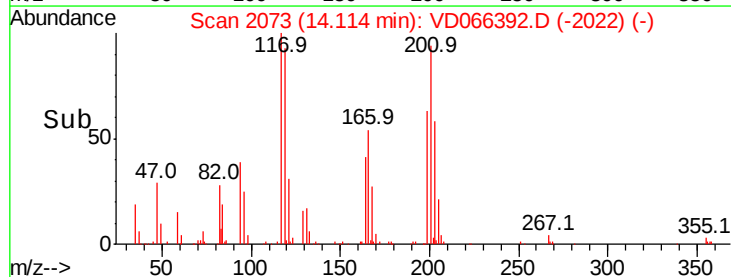
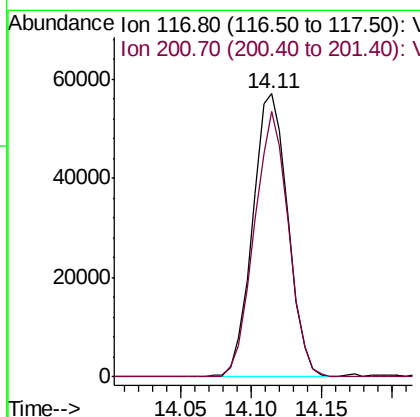
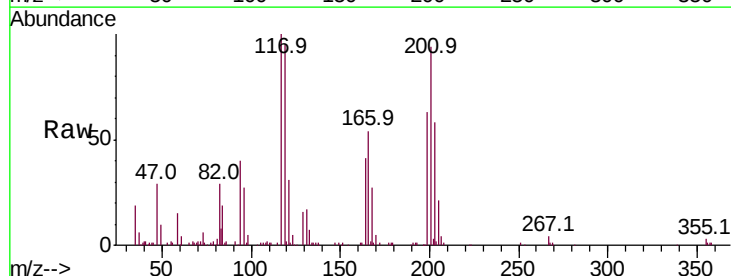
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

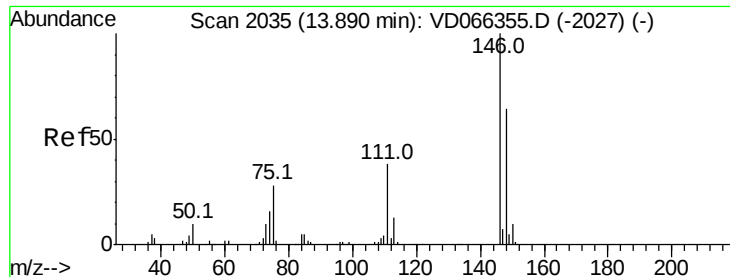
Tot Ion: 91 Resp: 444371
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 28.8 14.4 43.4



#90
Hexachloroethane
Concen: 48.693 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion: 117 Resp: 100261
Ion Ratio Lower Upper
117 100
201 90.8 45.4 136.2

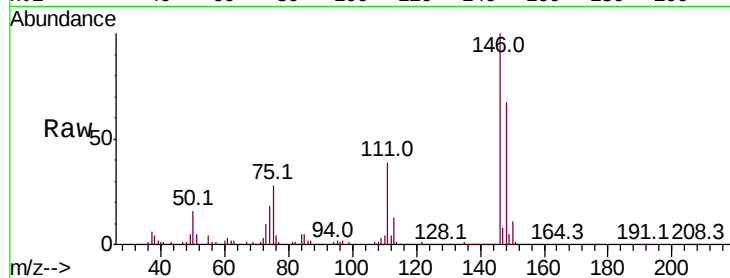




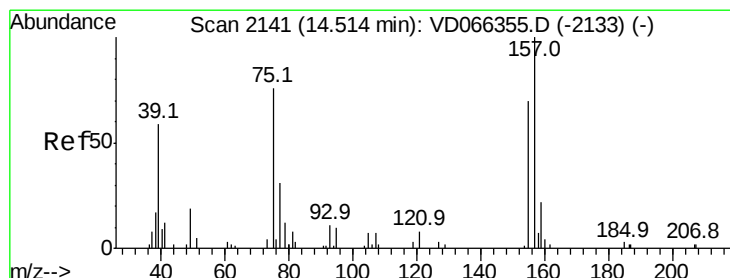
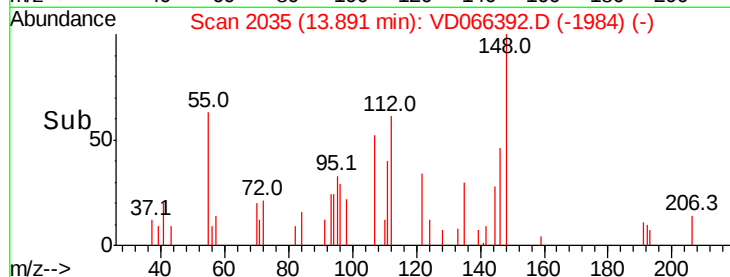
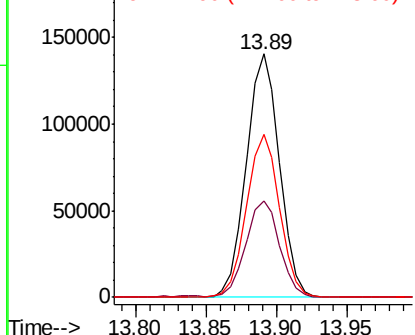
#91
 1,2-Dichlorobenzene
 Concen: 51.489 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.7
148	66.9	32.6	97.8

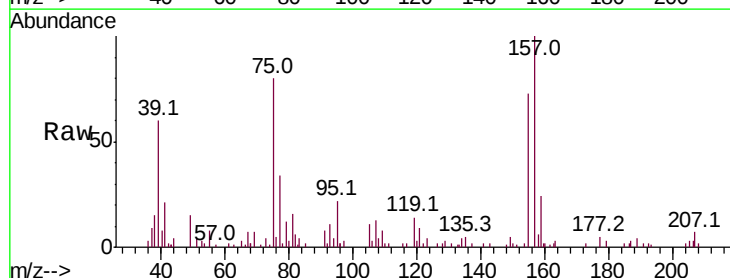


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

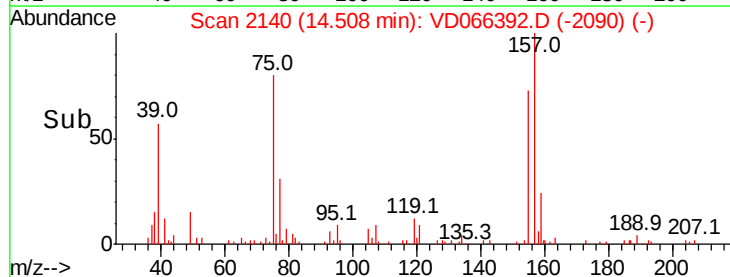
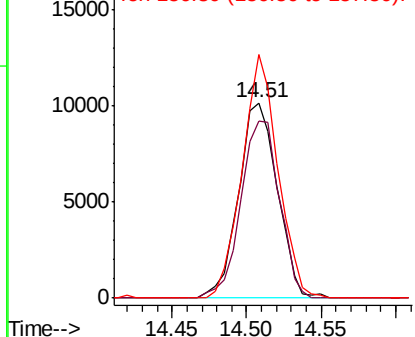


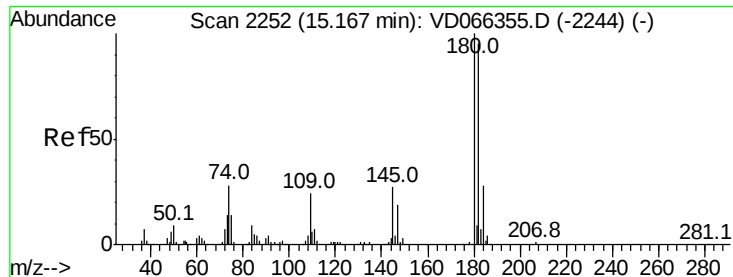
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.287 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.2	46.9	140.6
157	115.2	61.0	183.0



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

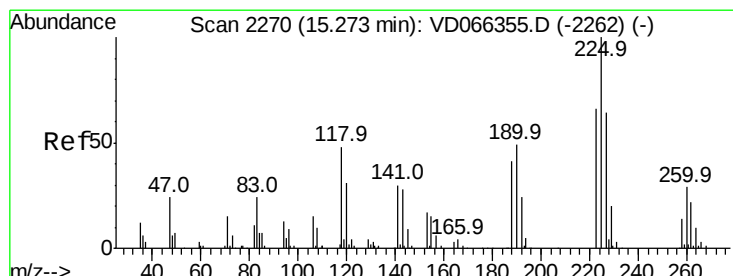
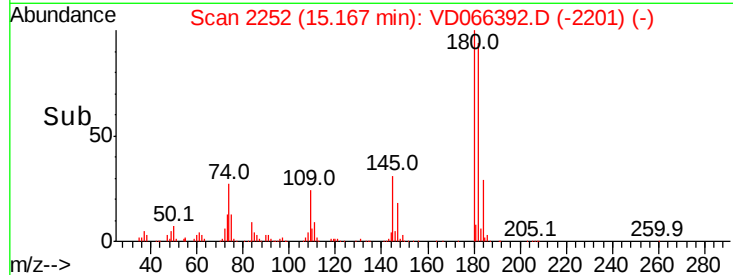
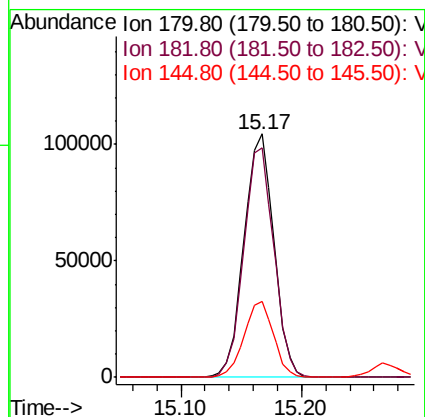
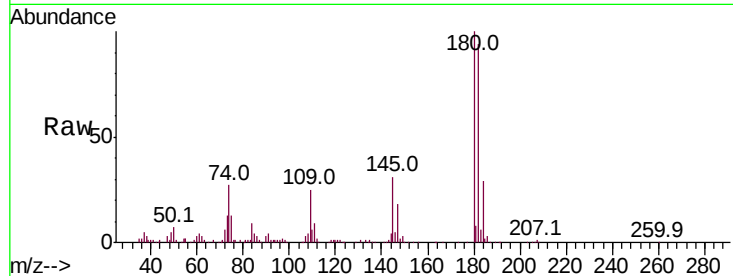




#93
 1,2,4-Trichlorobenzene
 Concen: 51.578 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

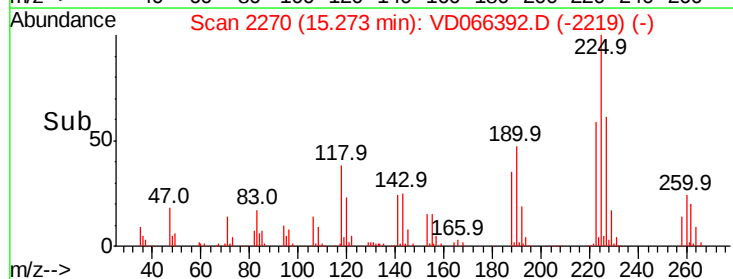
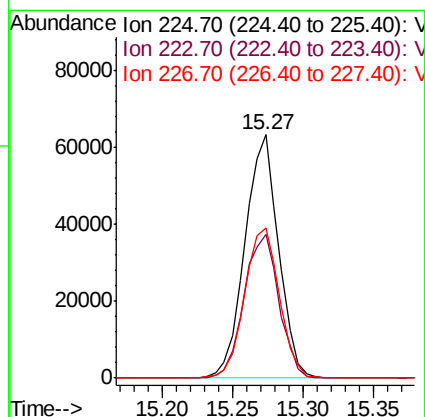
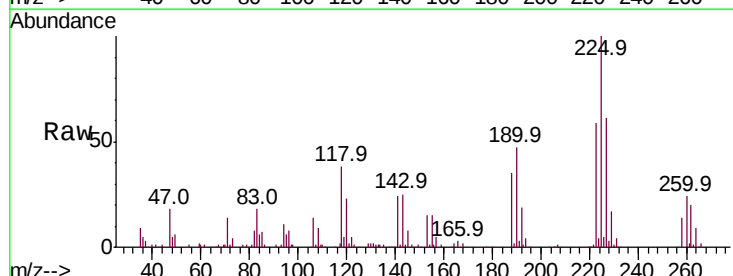
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

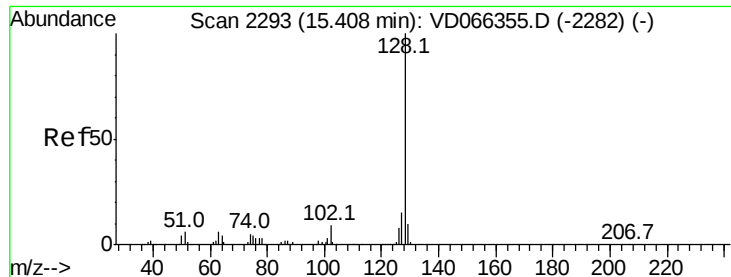
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.0	144.0
145	30.9	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 48.405 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	32.5	97.4
227	63.7	33.0	98.9

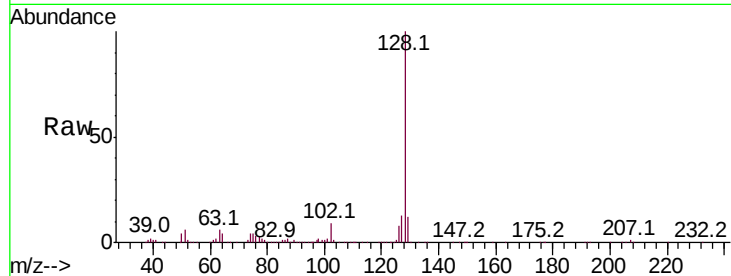




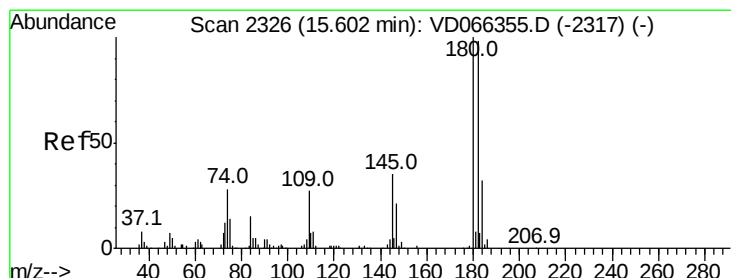
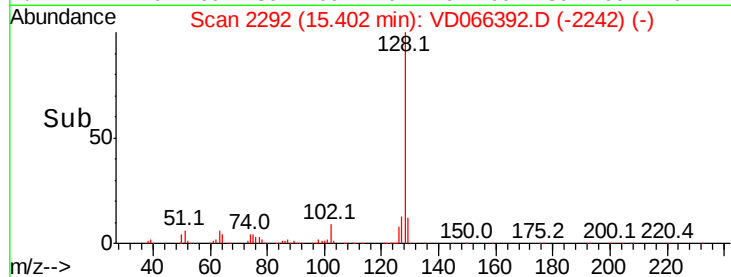
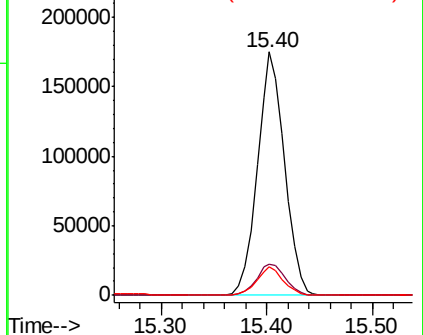
#95
Naphthalene
Concen: 56.508 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 310912
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.4 8.6 12.8

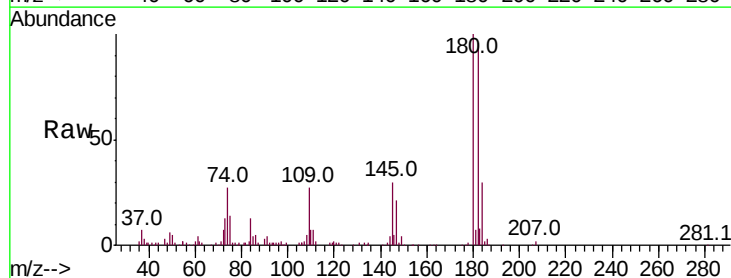


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 52.836 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion:180 Resp: 158553
Ion Ratio Lower Upper
180 100
182 96.0 46.7 140.0
145 32.3 16.0 48.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

