

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082520\
 Data File : VD066394.D
 Acq On : 25 Aug 2020 11:11
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 26 08:00:48 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	206097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	295402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	264132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	138828	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	115748	57.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.56%	
35) Dibromofluoromethane	7.91	113	99251	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
50) Toluene-d8	10.33	98	369548	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
62) 4-Bromofluorobenzene	12.63	95	134013	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	84298	48.112	ug/l	96
3) Chloromethane	2.20	50	59534	47.935	ug/l	96
4) Vinyl Chloride	2.34	62	65773	49.325	ug/l	98
5) Bromomethane	2.76	94	52512	52.649	ug/l	98
6) Chloroethane	2.91	64	43672	51.147	ug/l	96
7) Trichlorofluoromethane	3.27	101	190202	52.454	ug/l	94
8) Diethyl Ether	3.70	74	39658	48.813	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	92267	51.561	ug/l	98
10) Methyl Iodide	4.29	142	94442	46.273	ug/l	99
11) Tert butyl alcohol	5.21	59	33755	300.258	ug/l	98
12) 1,1-Dichloroethene	4.06	96	83972	49.990	ug/l	98
13) Acrolein	3.92	56	15745	175.479	ug/l	98
14) Allyl chloride	4.70	41	109255	48.730	ug/l	94
15) Acrylonitrile	5.41	53	80830	247.968	ug/l	99
16) Acetone	4.15	43	93640	257.058	ug/l	95
17) Carbon Disulfide	4.40	76	247114	48.543	ug/l	98
18) Methyl Acetate	4.72	43	33115	48.436	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	213924	52.890	ug/l	98
20) Methylene Chloride	4.96	84	95112	48.695	ug/l #	92
21) trans-1,2-Dichloroethene	5.47	96	99330	50.800	ug/l	93
22) Diisopropyl ether	6.36	45	220457	50.786	ug/l	98
23) Vinyl Acetate	6.30	43	699917	260.455	ug/l	99
24) 1,1-Dichloroethane	6.26	63	160346	52.270	ug/l	99
25) 2-Butanone	7.21	43	106753	258.142	ug/l	96
26) 2,2-Dichloropropane	7.20	77	172245	52.388	ug/l	100
27) cis-1,2-Dichloroethene	7.20	96	107885	51.493	ug/l	100
28) Bromochloromethane	7.54	49	60192	56.964	ug/l	97
29) Tetrahydrofuran	7.56	42	59782	254.514	ug/l	97
30) Chloroform	7.71	83	186969	52.679	ug/l	98
31) Cyclohexane	7.98	56	129565	46.181	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	192509	52.997	ug/l	100
36) 1,1-Dichloropropene	8.10	75	136763	50.740	ug/l	99
37) Ethyl Acetate	7.29	43	45996	50.174	ug/l #	93
38) Carbon Tetrachloride	8.09	117	187670	53.442	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	162417	51.154	ug/l	98
40) Benzene	8.34	78	363813	51.309	ug/l	95
41) Methacrylonitrile	7.52	41	32982	58.341	ug/l #	18
42) 1,2-Dichloroethane	8.42	62	131220	52.544	ug/l	97
43) Isopropyl Acetate	8.44	43	93222	50.664	ug/l	98
44) Trichloroethene	9.11	130	116974	50.770	ug/l	94
45) 1,2-Dichloropropane	9.38	63	81260	50.551	ug/l	94
46) Dibromomethane	9.47	93	53191	53.146	ug/l	98
47) Bromodichloromethane	9.66	83	149474	54.307	ug/l	97
48) Methyl methacrylate	9.45	41	45991	48.471	ug/l	96
49) 1,4-Dioxane	9.46	88	11770	1012.779	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	225546	253.387	ug/l	99
52) Toluene	10.40	92	248615	51.753	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	135584	51.914	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	150203	51.237	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	66516	49.092	ug/l	93
56) Ethyl methacrylate	10.66	69	83354	53.143	ug/l	96
57) 1,3-Dichloropropane	10.94	76	116410	51.941	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	172481	264.770	ug/l	96
59) 2-Hexanone	10.98	43	161929	257.905	ug/l	100
60) Dibromochloromethane	11.14	129	104545	51.189	ug/l	99
61) 1,2-Dibromoethane	11.24	107	68999	51.747	ug/l	95
64) Tetrachloroethene	10.87	164	101443	50.628	ug/l	94
65) Chlorobenzene	11.67	112	277922	52.888	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	113656	52.924	ug/l	98
67) Ethyl Benzene	11.74	91	491789	53.166	ug/l	99
68) m/p-Xylenes	11.85	106	375092	106.389	ug/l	97
69) o-Xylene	12.18	106	174911	53.328	ug/l	99
70) Styrene	12.19	104	302594	53.730	ug/l	99
71) Bromoform	12.36	173	64024	52.548	ug/l #	98
73) Isopropylbenzene	12.48	105	493138	53.026	ug/l	99
74) N-amyl acetate	12.28	43	84140	50.093	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	66163	49.801	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	98197	100.544	ug/l #	1
77) Bromobenzene	12.76	156	124363	52.686	ug/l	98
78) n-propylbenzene	12.82	91	557768	52.307	ug/l	100
79) 2-Chlorotoluene	12.91	91	322676	52.982	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	430578	53.623	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	23861	51.860	ug/l	97
82) 4-Chlorotoluene	13.00	91	339294	52.583	ug/l	98
83) tert-Butylbenzene	13.23	119	373632	53.571	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	422794	53.607	ug/l	100
85) sec-Butylbenzene	13.40	105	482269	52.776	ug/l	100
86) p-Isopropyltoluene	13.52	119	469099	53.238	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	227083	51.537	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	229558	51.888	ug/l	100
89) n-Butylbenzene	13.84	91	409765	52.700	ug/l	99
90) Hexachloroethane	14.11	117	87203	50.100	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	199037	52.473	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15150	54.371	ug/l	88

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

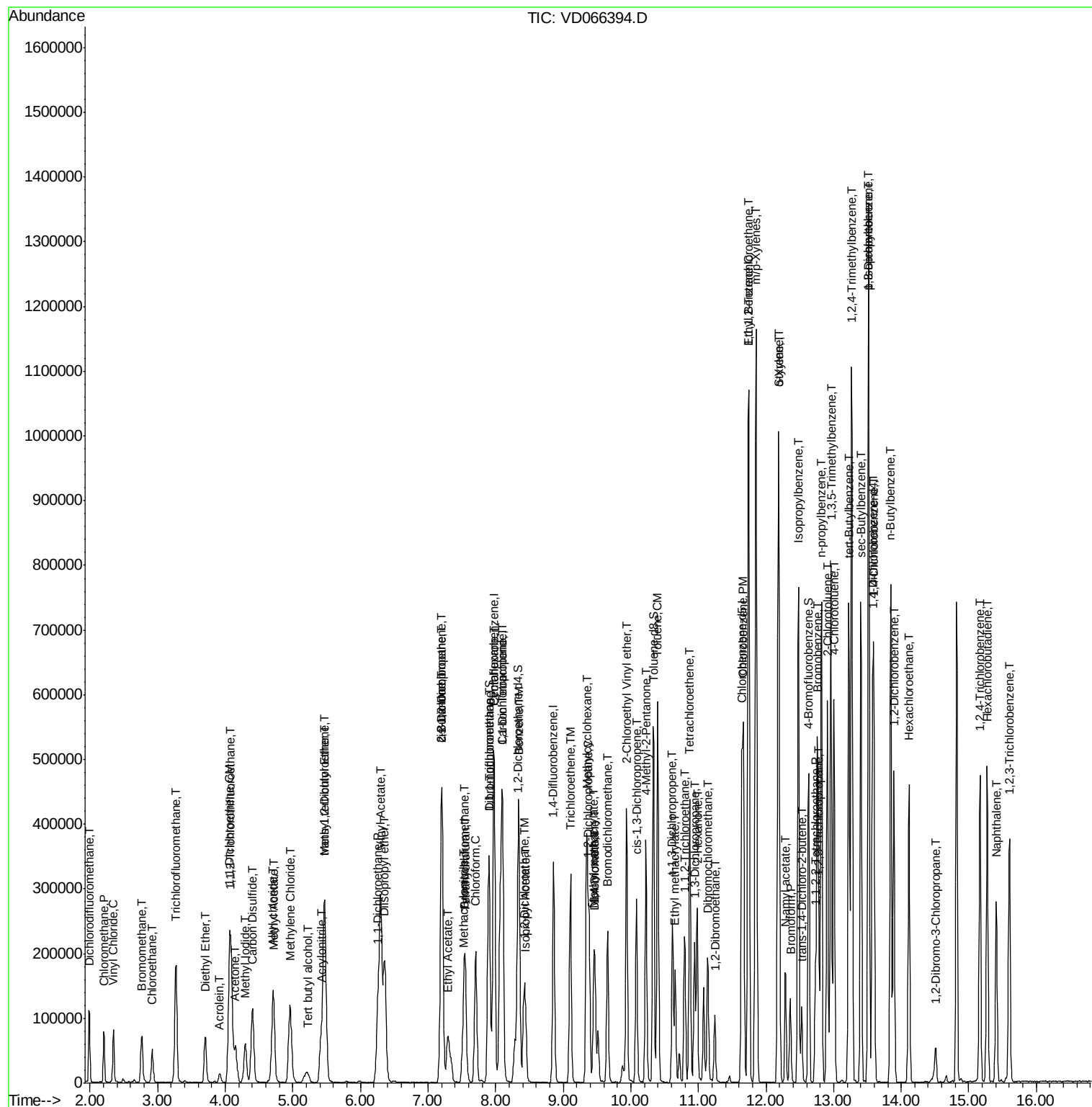
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	157567	53.210	ug/l	99
94) Hexachlorobutadiene	15.27	225	98834	53.707	ug/l	99
95) Naphthalene	15.41	128	250679	53.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	135119	53.265	ug/l	97

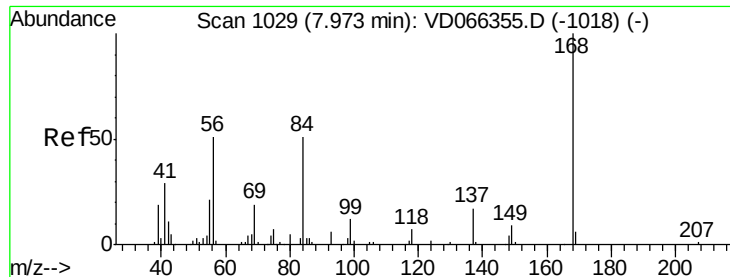
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

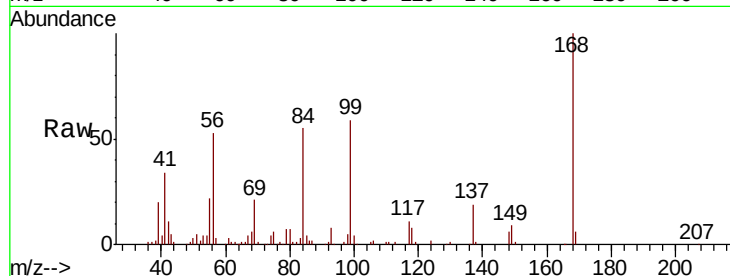
VSTDCCC050

Tot Ion:168 Resp: 206097

Ion Ratio Lower Upper

168 100

99 58.6 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

100000

80000

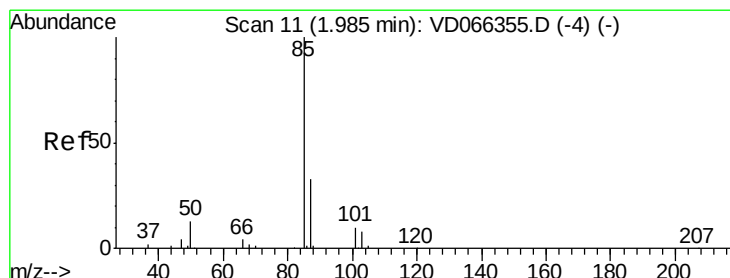
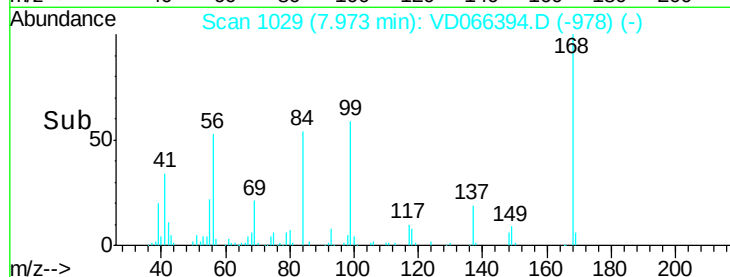
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.112 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066394.D

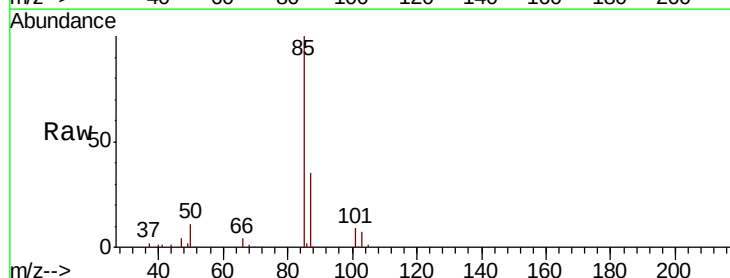
Acq: 25 Aug 2020 11:11

Tgt Ion: 85 Resp: 84298

Ion Ratio Lower Upper

85 100

87 35.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

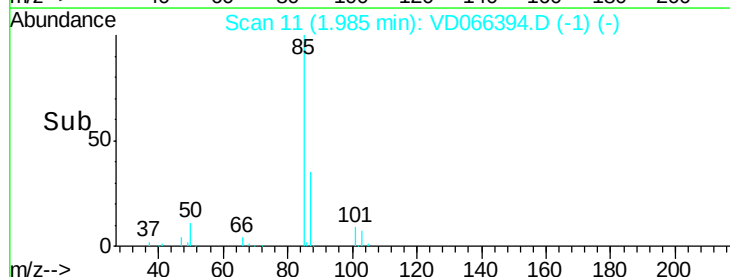
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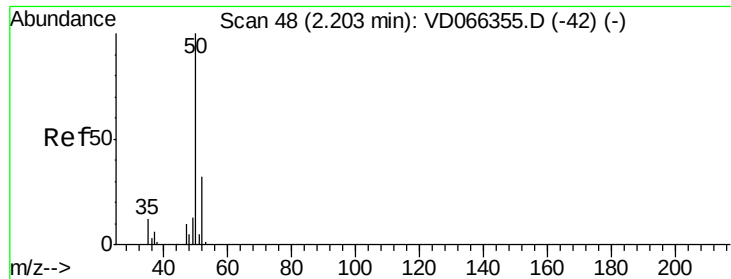
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20000

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Time-->





#3

Chloromethane

Concen: 47.935 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

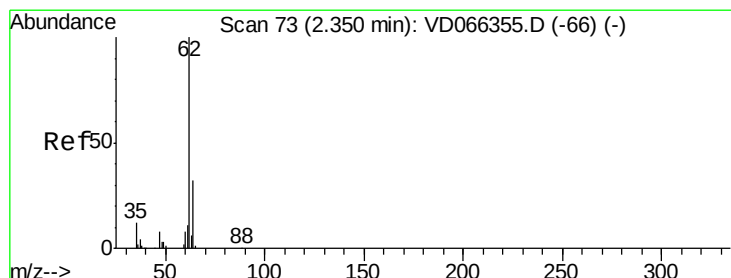
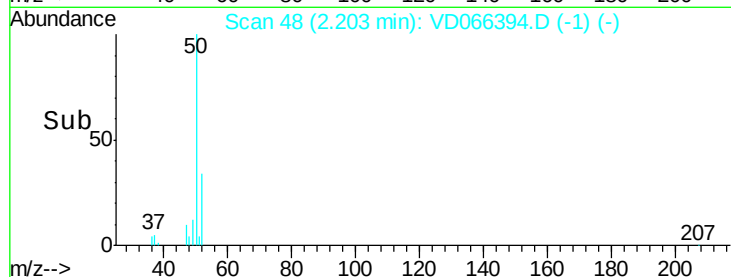
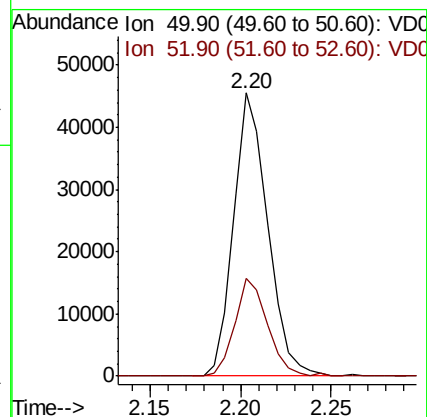
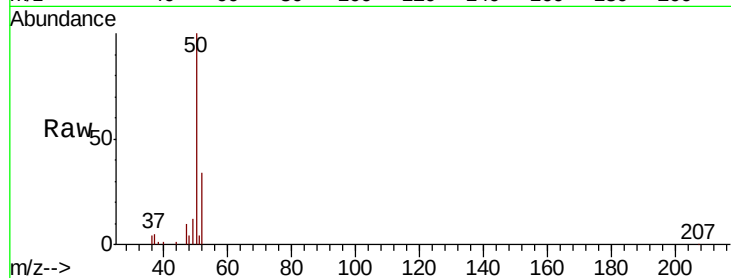
VSTDCCC050

Tot Ion: 50 Resp: 59534

Ion Ratio Lower Upper

50 100

52 34.4 25.7 38.5



#4

Vinyl Chloride

Concen: 49.325 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066394.D

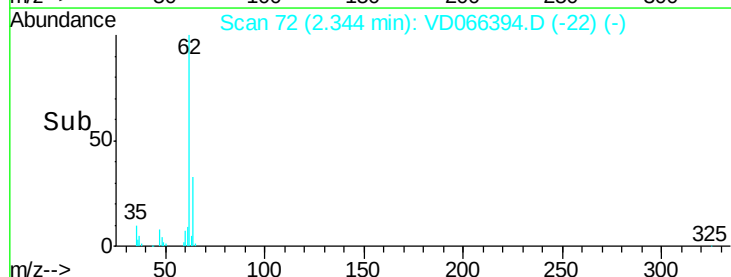
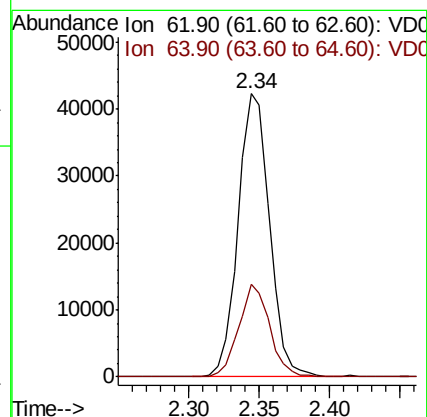
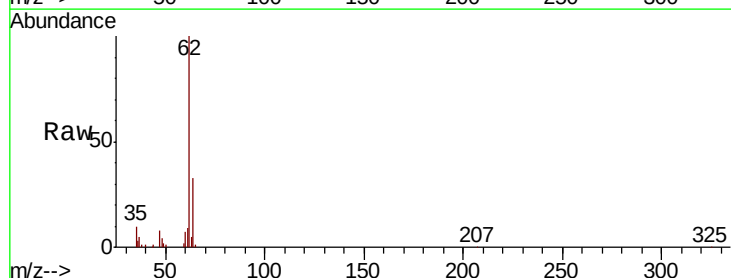
Acq: 25 Aug 2020 11:11

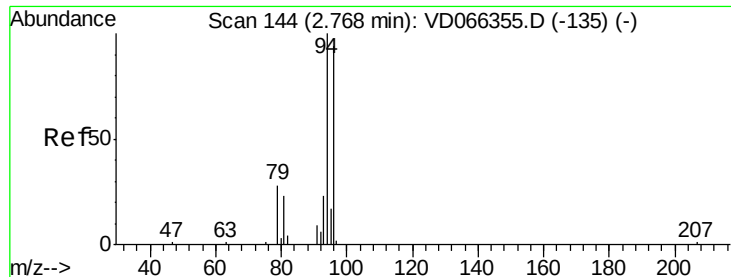
Tgt Ion: 62 Resp: 65773

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.2





#5

Bromomethane

Concen: 52.649 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

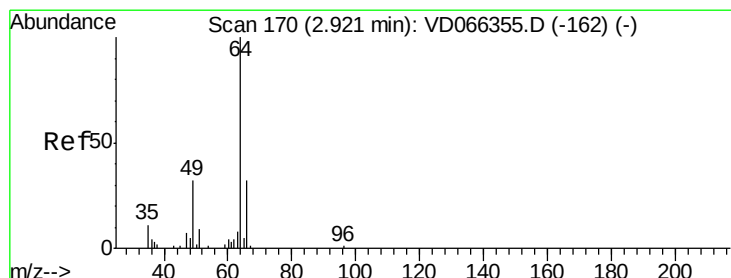
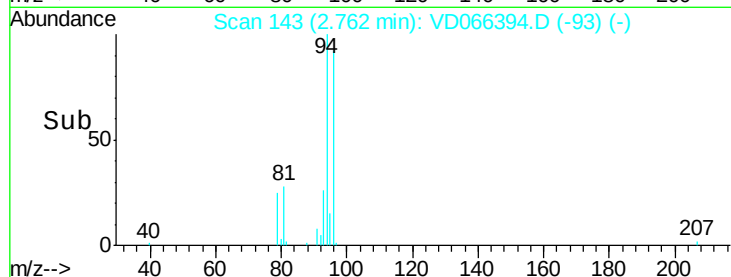
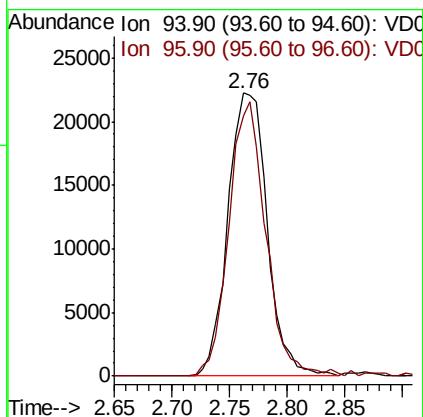
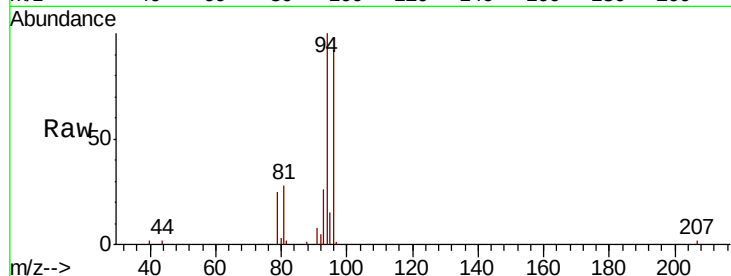
VSTDCCC050

Tot Ion: 94 Resp: 52512

Ion Ratio Lower Upper

94 100

96 91.9 75.0 112.4



#6

Chloroethane

Concen: 51.147 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066394.D

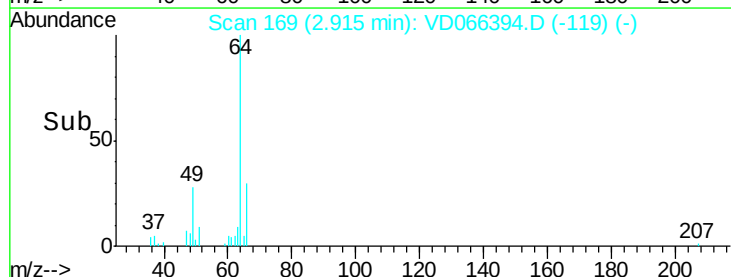
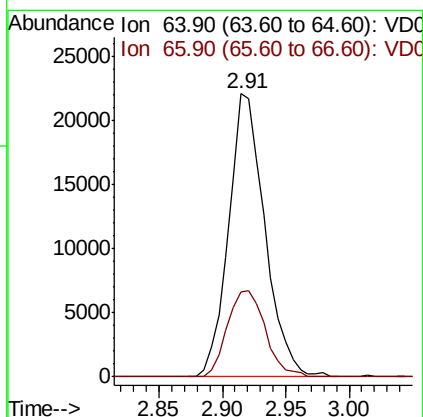
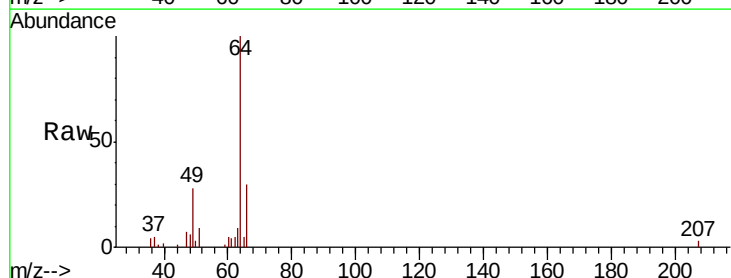
Acq: 25 Aug 2020 11:11

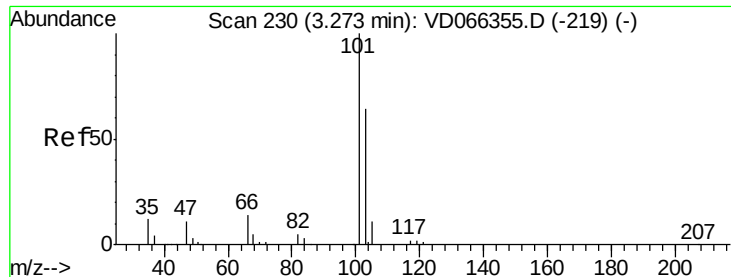
Tgt Ion: 64 Resp: 43672

Ion Ratio Lower Upper

64 100

66 30.2 25.9 38.9



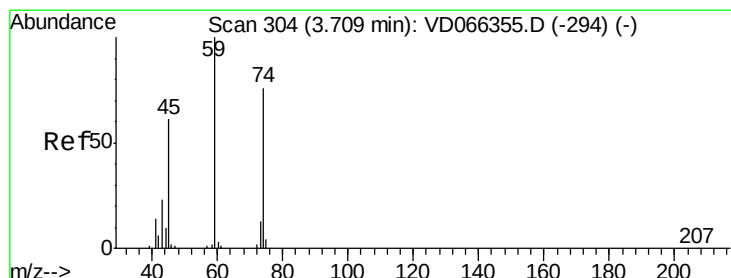
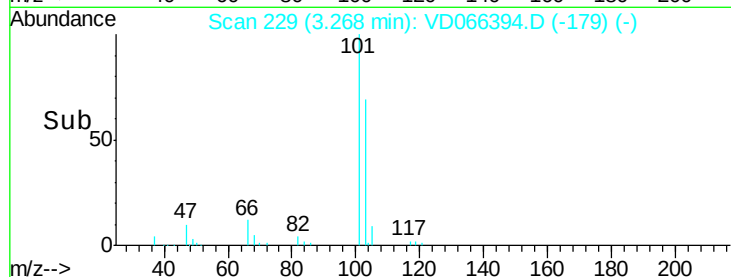
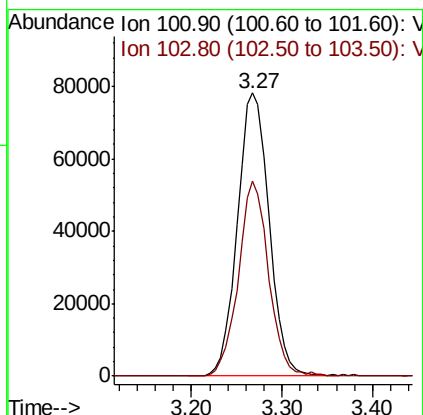
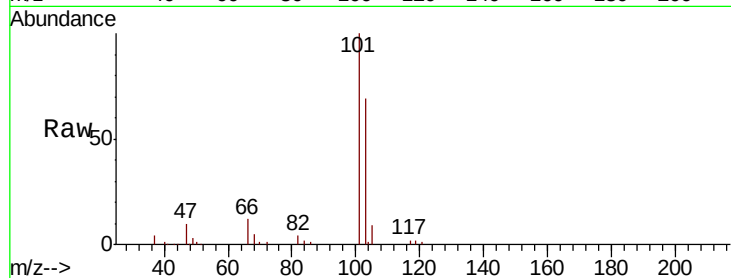


#7

Trichlorofluoromethane
 Concen: 52.454 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

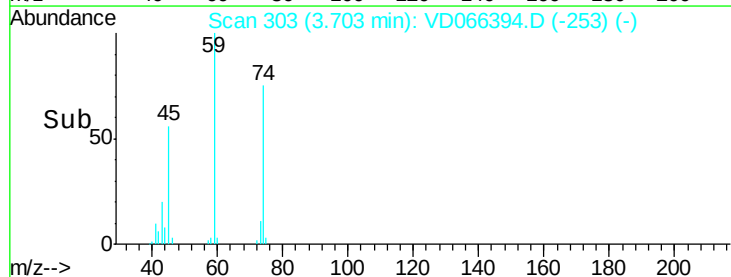
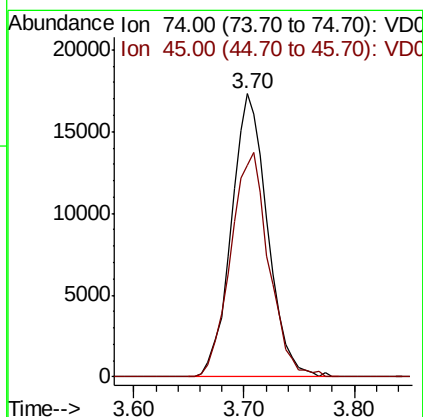
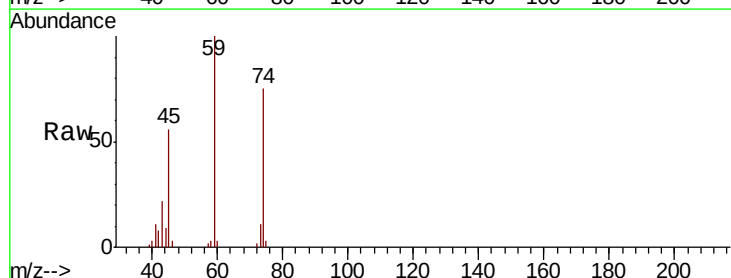
Tot Ion:101 Resp: 190202
 Ion Ratio Lower Upper
 101 100
 103 68.7 51.4 77.0

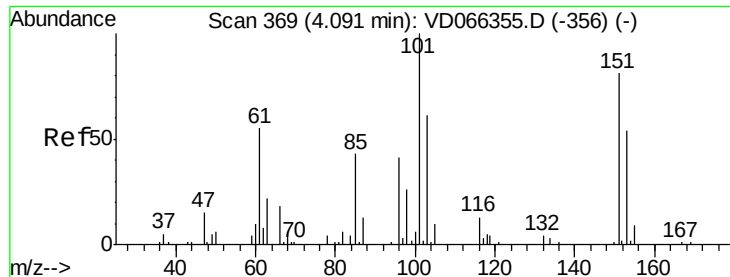


#8

Diethyl Ether
 Concen: 48.813 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion: 74 Resp: 39658
 Ion Ratio Lower Upper
 74 100
 45 83.7 42.8 128.3

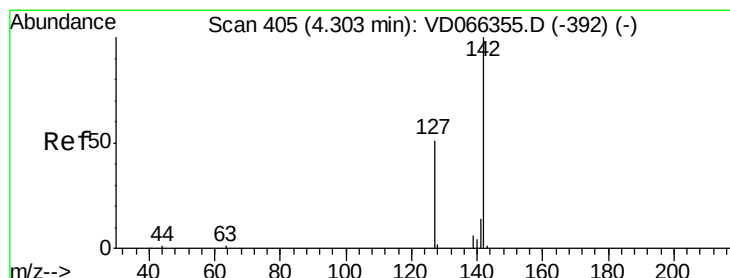
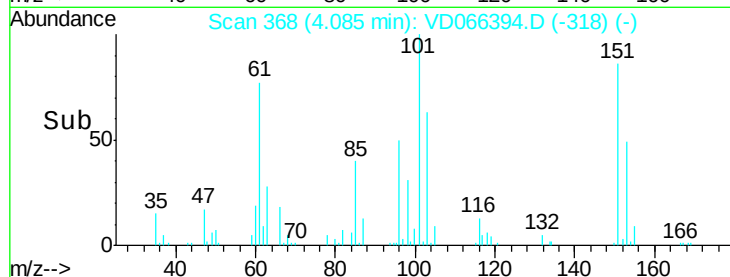
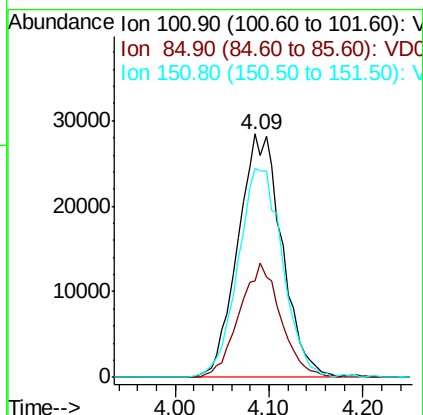
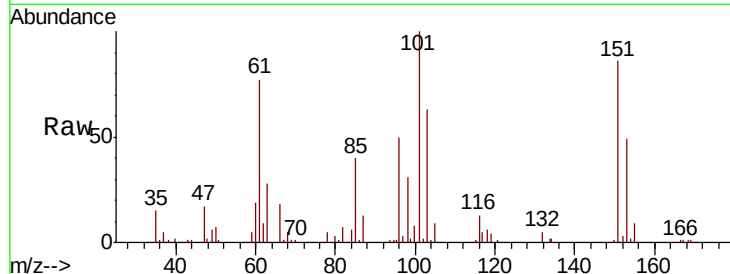




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.561 ug/l
RT: 4.09 min Scan# 368
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

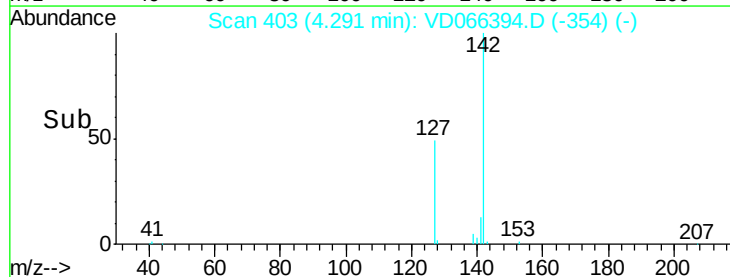
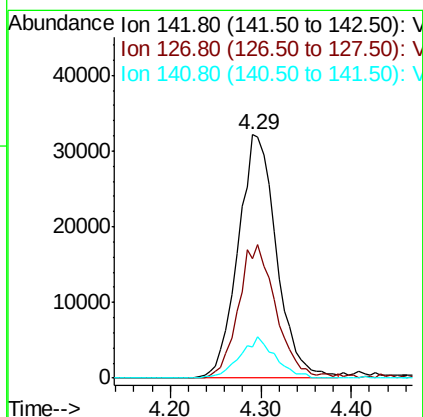
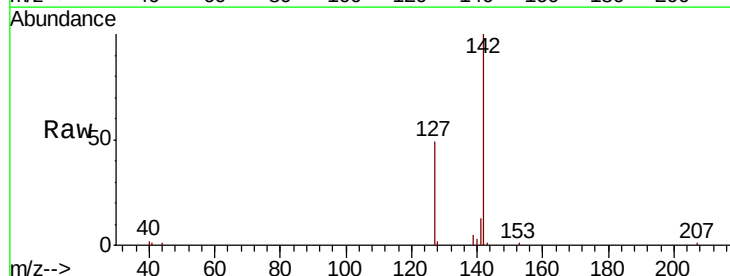
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

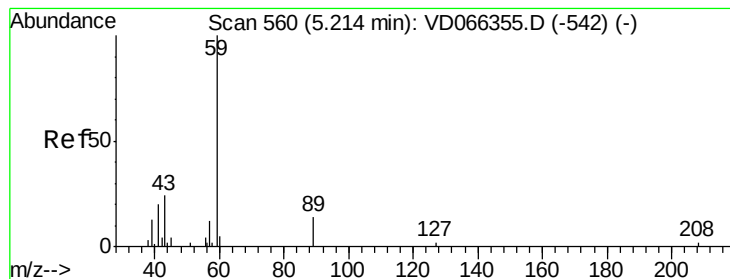
Tot Ion	Ratio	Lower	Upper
101	100		
85	44.0	36.4	54.6
151	86.9	70.5	105.7



#10
Methyl Iodide
Concen: 46.273 ug/l
RT: 4.29 min Scan# 403
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Lower	Upper
142	100		
127	53.2	41.8	62.8
141	15.5	11.8	17.6





#11

Tert butyl alcohol

Concen: 300.258 ug/l

RT: 5.21 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

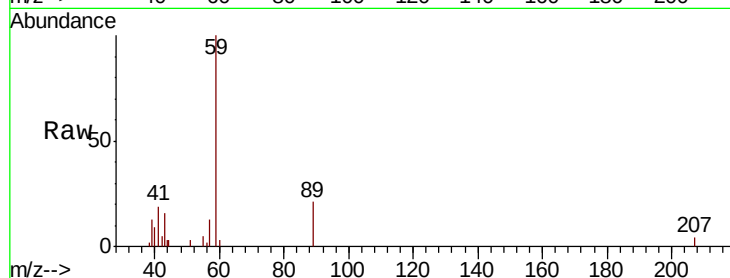
VSTDCCC050

Tot Ion: 59 Resp: 33755

Ion Ratio Lower Upper

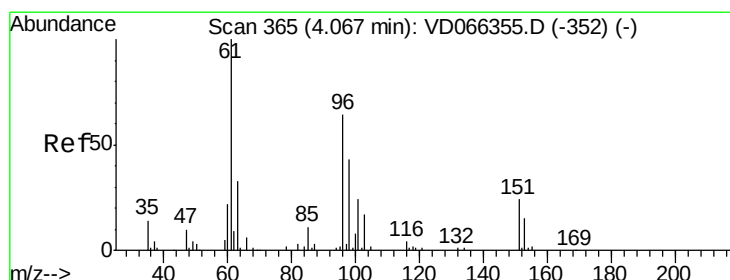
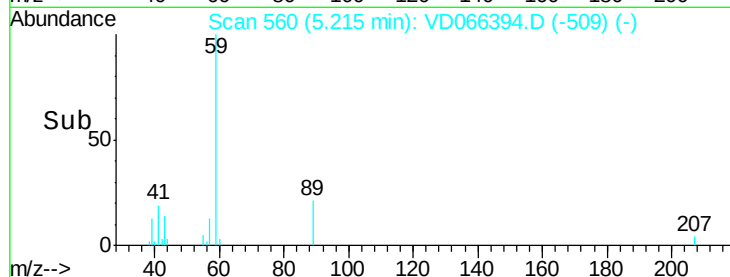
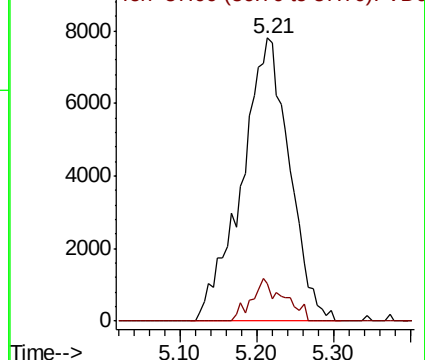
59 100

57 10.3 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: 49.990 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

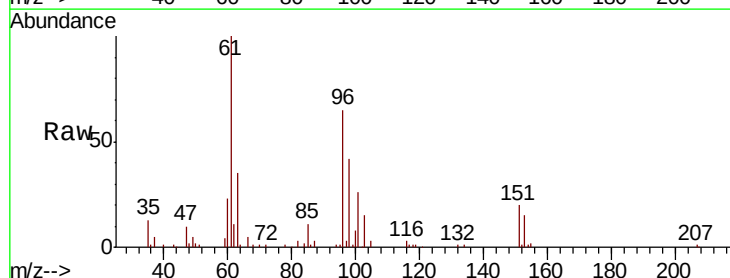
Tgt Ion: 96 Resp: 83972

Ion Ratio Lower Upper

96 100

61 153.7 124.3 186.5

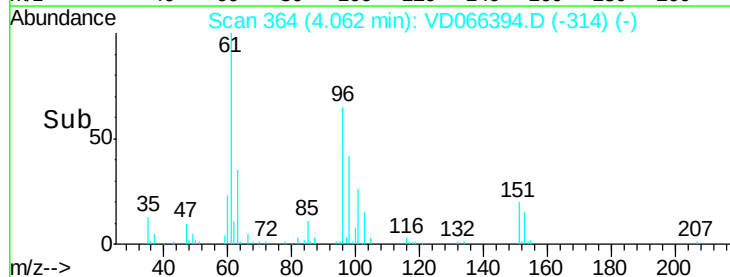
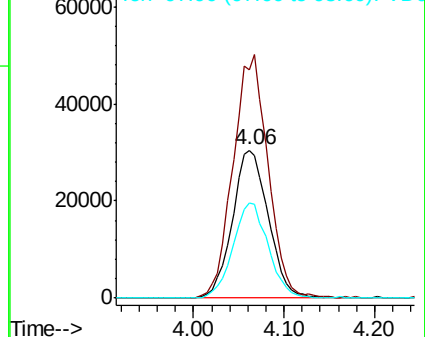
98 64.0 53.2 79.8

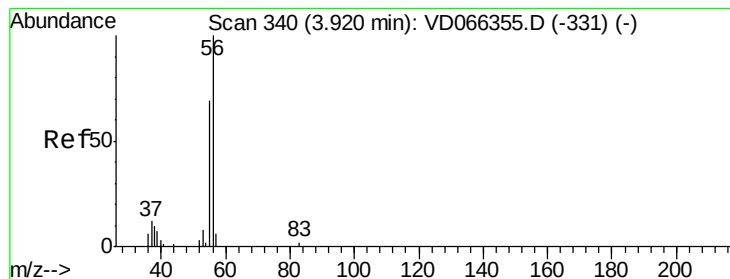


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 175.479 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

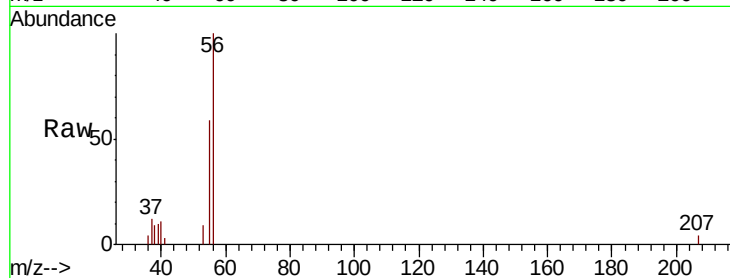
VSTDCCC050

Tot Ion: 56 Resp: 15745

Ion Ratio Lower Upper

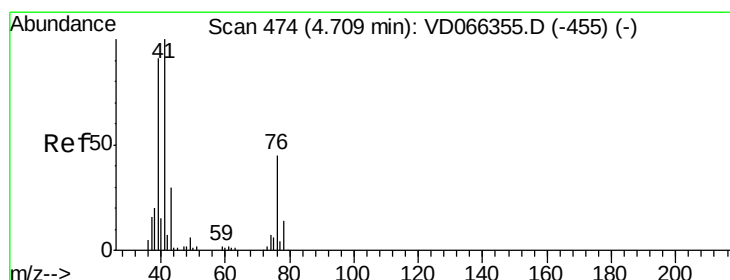
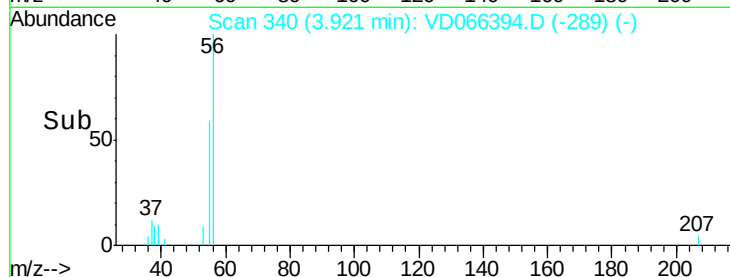
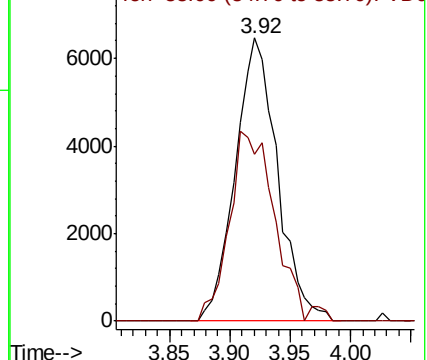
56 100

55 71.1 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 48.730 ug/l

RT: 4.70 min Scan# 473

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

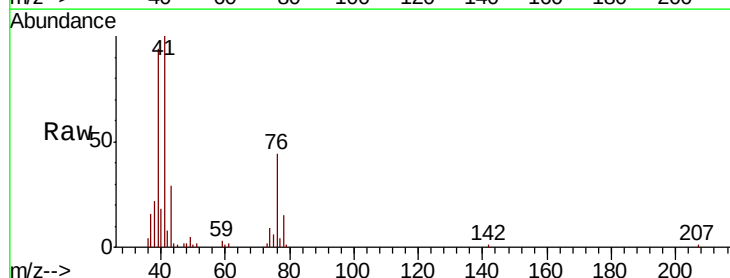
Tgt Ion: 41 Resp: 109255

Ion Ratio Lower Upper

41 100

39 96.5 72.8 109.2

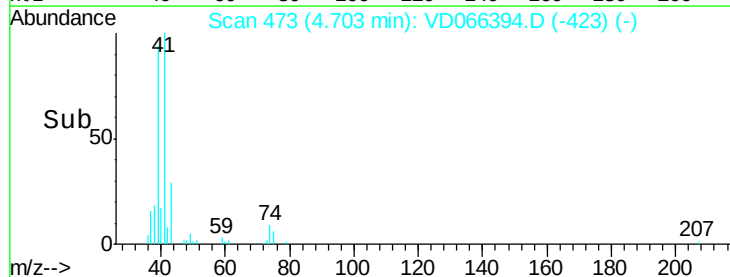
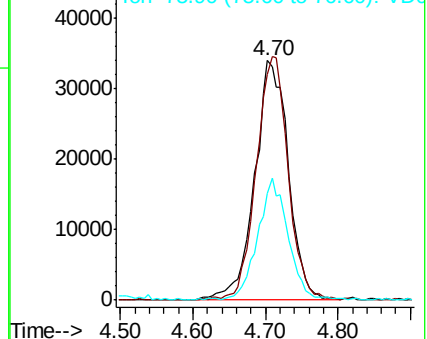
76 45.8 34.0 51.0

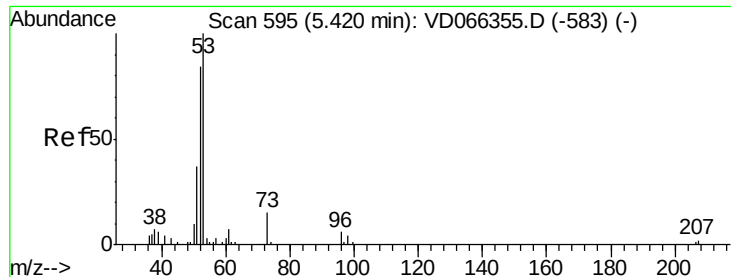


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 247.968 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

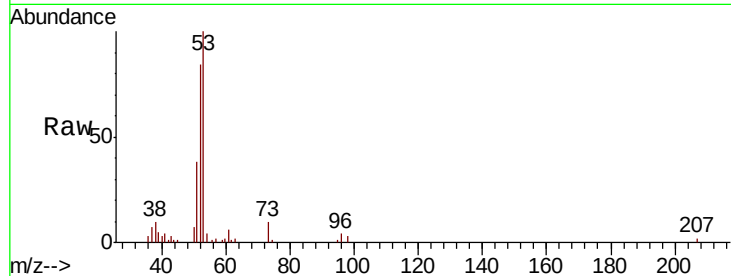
Tot Ion: 53 Resp: 80830

Ion Ratio Lower Upper

53 100

52 84.8 68.1 102.1

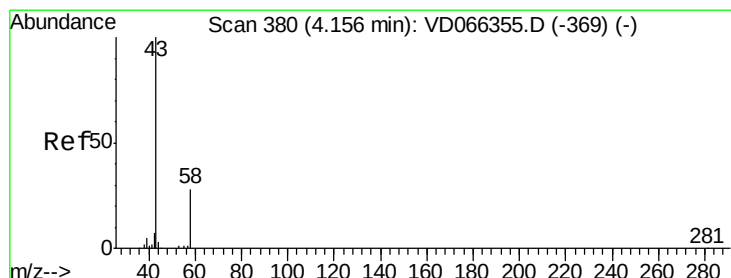
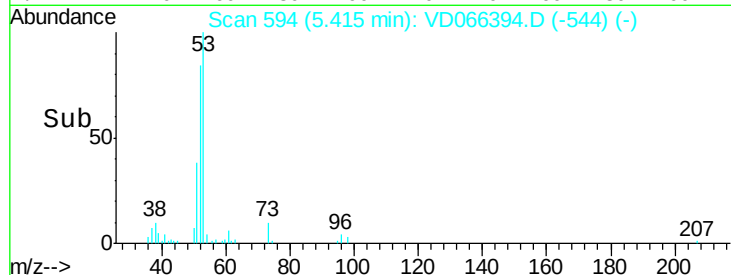
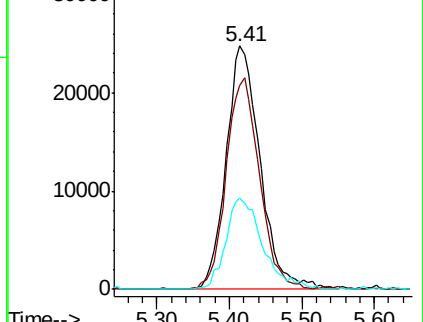
51 40.5 33.8 50.6



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 257.058 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066394.D

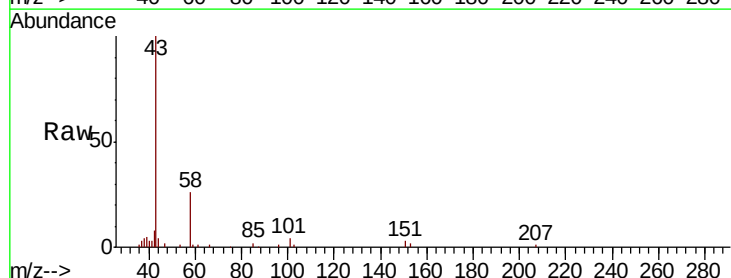
Acq: 25 Aug 2020 11:11

Tgt Ion: 43 Resp: 93640

Ion Ratio Lower Upper

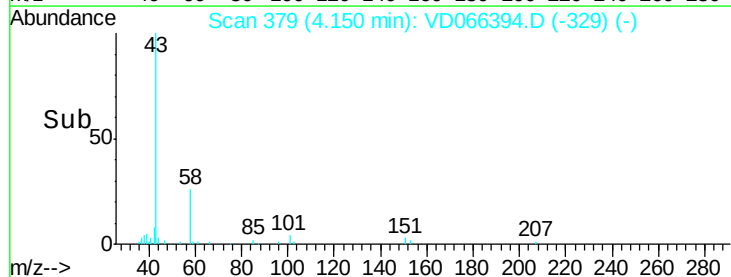
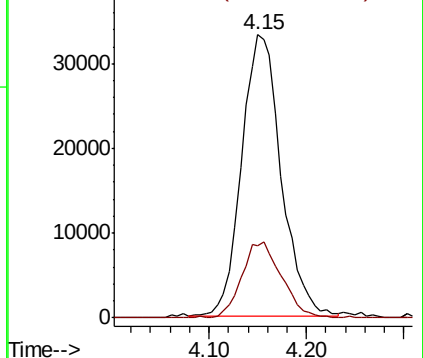
43 100

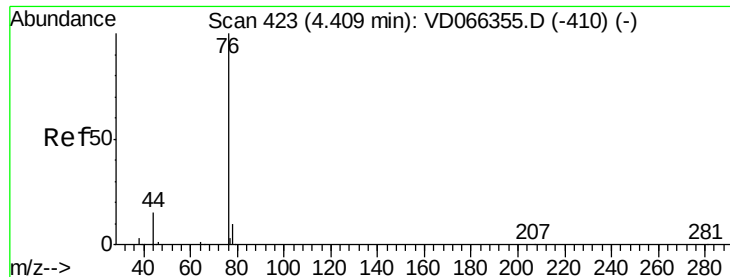
58 25.7 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 48.543 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

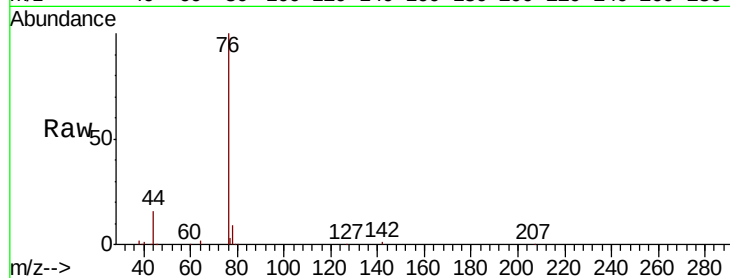
VSTDCCC050

Tot Ion: 76 Resp: 247114

Ion Ratio Lower Upper

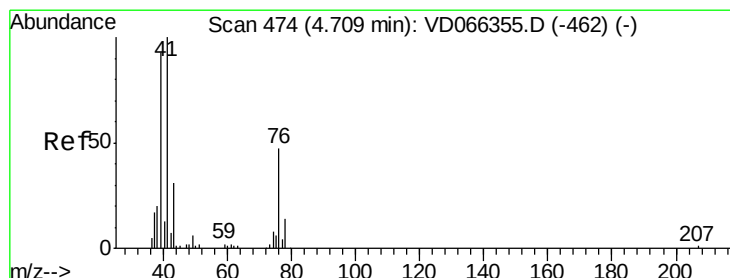
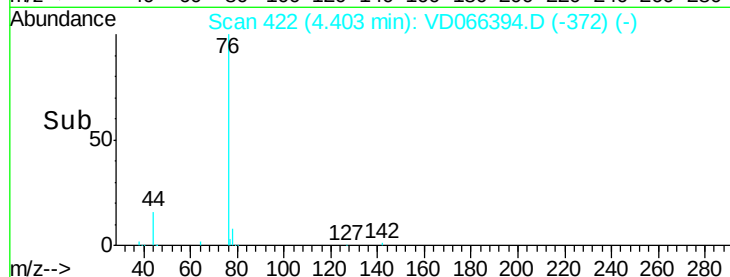
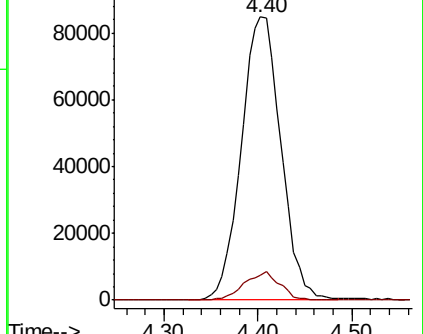
76 100

78 8.7 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: 48.436 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066394.D

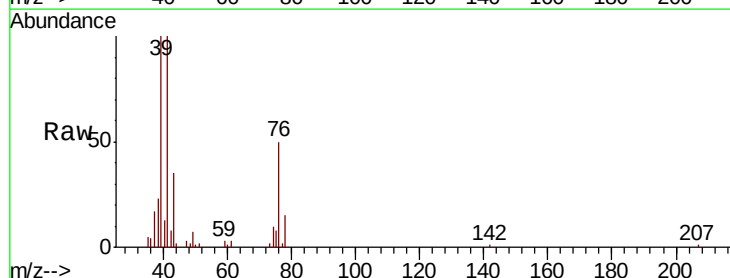
Acq: 25 Aug 2020 11:11

Tgt Ion: 43 Resp: 33115

Ion Ratio Lower Upper

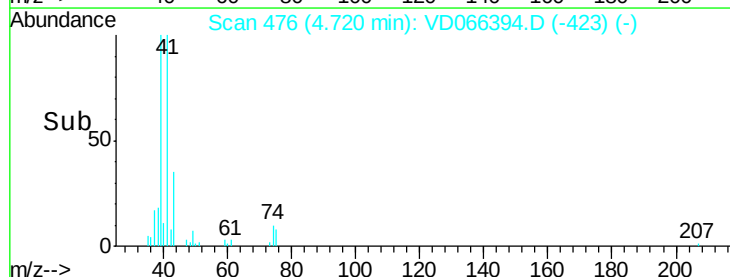
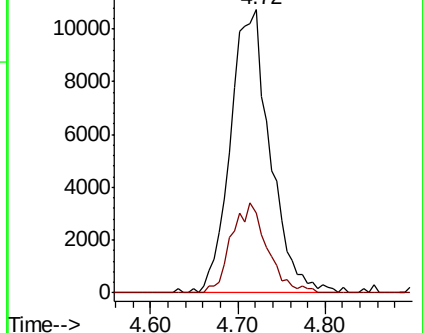
43 100

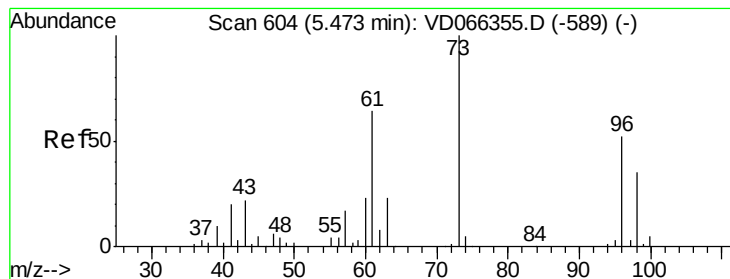
74 28.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



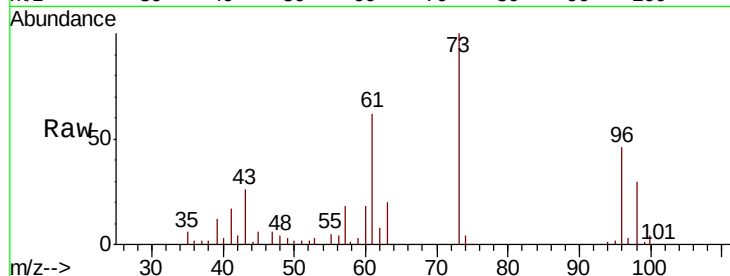


#19

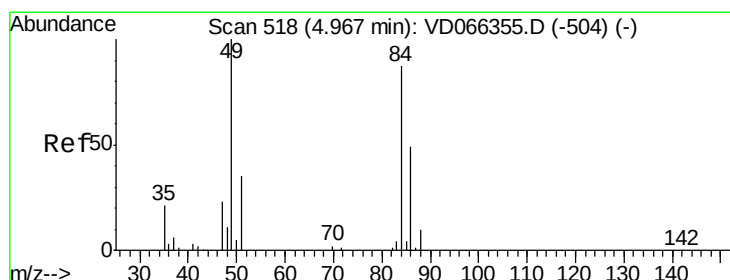
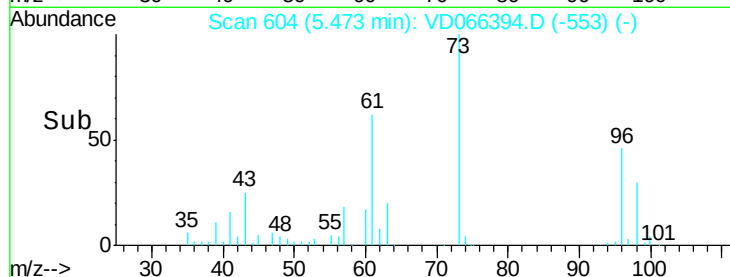
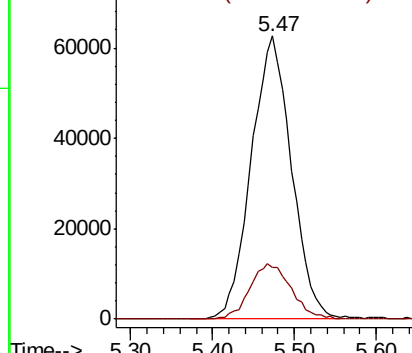
Methyl tert-butyl Ether
 Concen: 52.890 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 73 Resp: 213924
 Ion Ratio Lower Upper
 73 100
 57 18.1 13.8 20.6



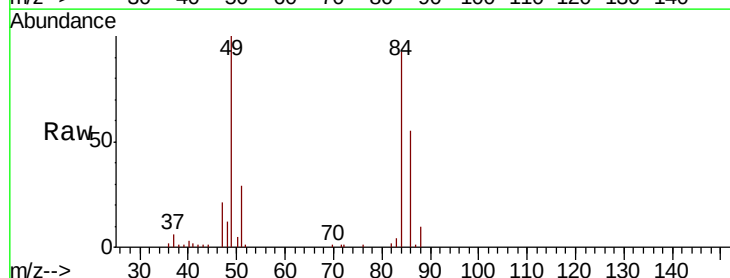
Abundance Ion 73.00 (72.70 to 73.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



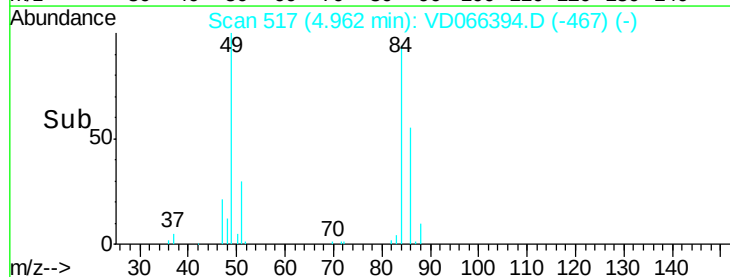
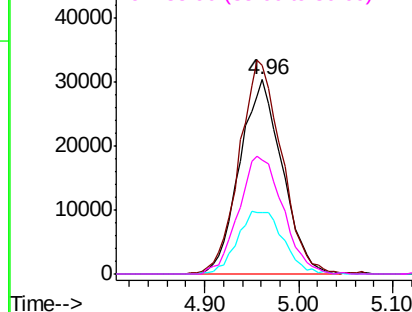
#20

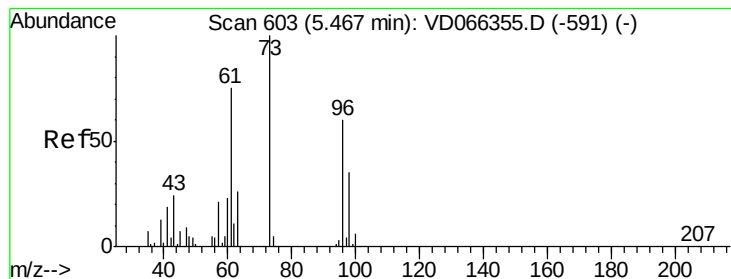
Methylene Chloride
 Concen: 48.695 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion: 84 Resp: 95112
 Ion Ratio Lower Upper
 84 100
 49 107.1 92.5 138.7
 51 31.7 32.5 48.7#
 86 59.0 45.0 67.6



Abundance Ion 83.90 (83.60 to 84.60): VDC
 Ion 48.90 (48.60 to 49.60): VDC
 Ion 50.90 (50.60 to 51.60): VDC
 Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 50.800 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

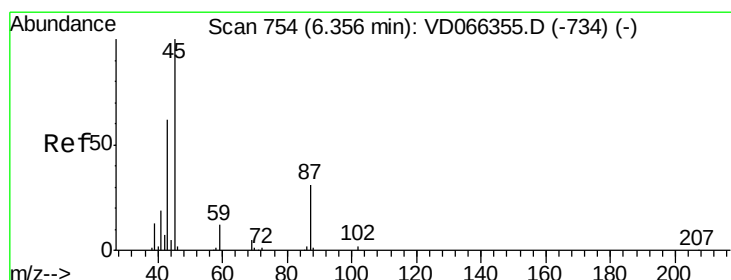
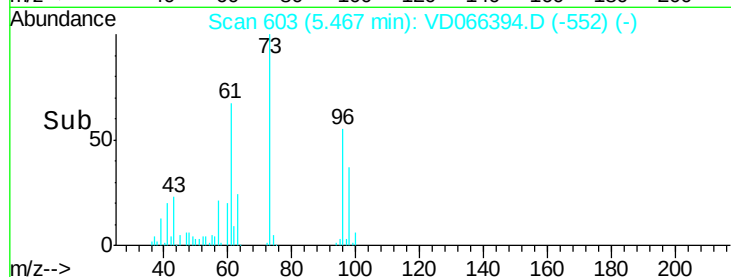
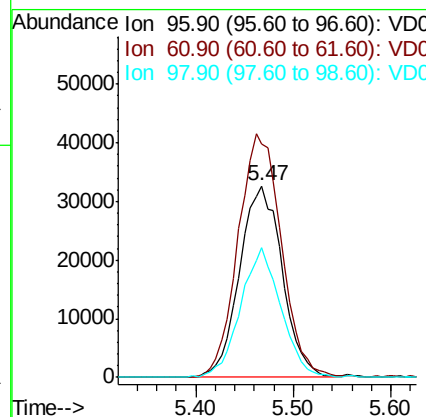
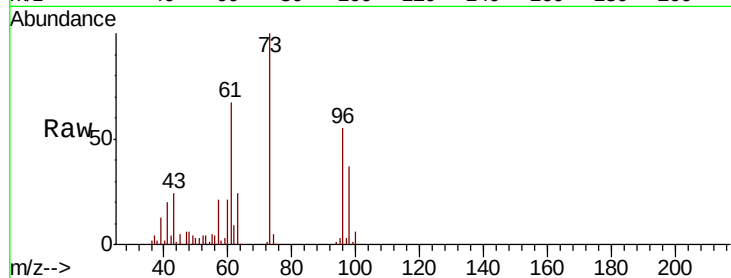
Tot Ion: 96 Resp: 99330

Ion Ratio Lower Upper

96 100

61 121.1 101.1 151.7

98 67.4 47.0 70.6



#22

Diisopropyl ether

Concen: 50.786 ug/l

RT: 6.36 min Scan# 754

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Tgt Ion: 45 Resp: 220457

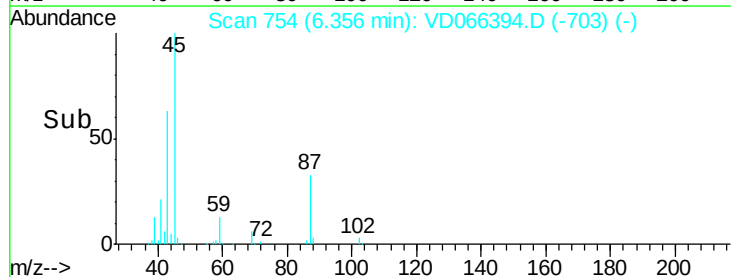
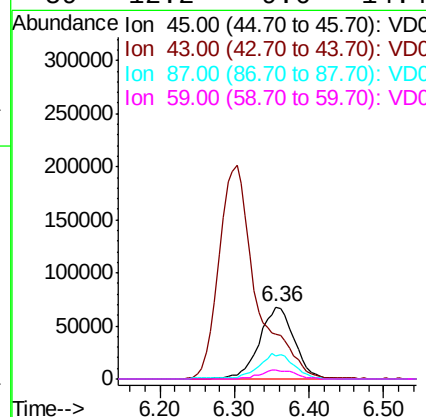
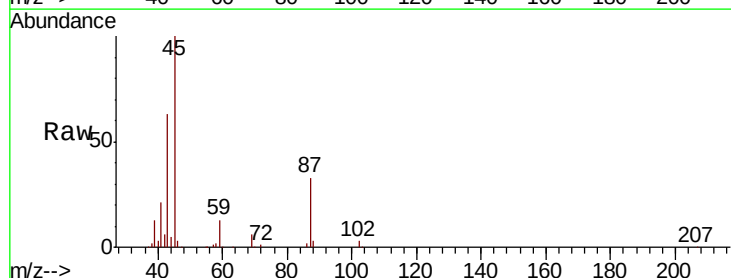
Ion Ratio Lower Upper

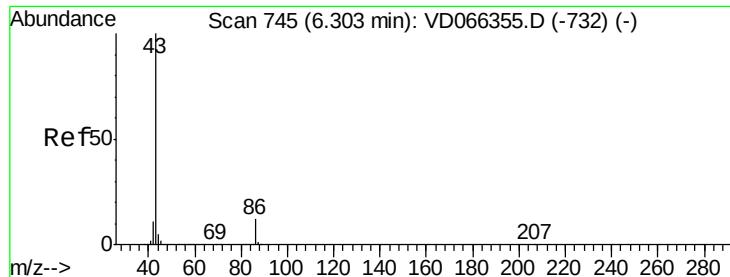
45 100

43 60.6 49.8 74.8

87 32.5 25.0 37.6

59 12.2 9.6 14.4





#23

Vinyl Acetate

Concen: 260.455 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

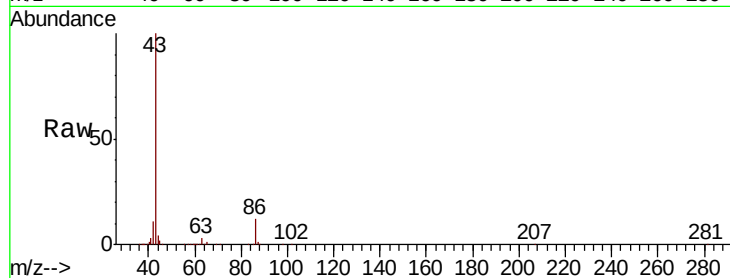
VSTDCCC050

Tot Ion: 43 Resp: 699917

Ion Ratio Lower Upper

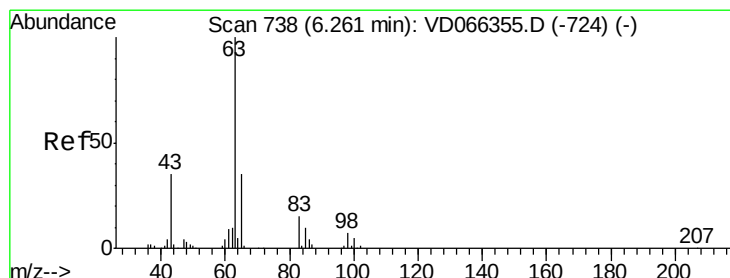
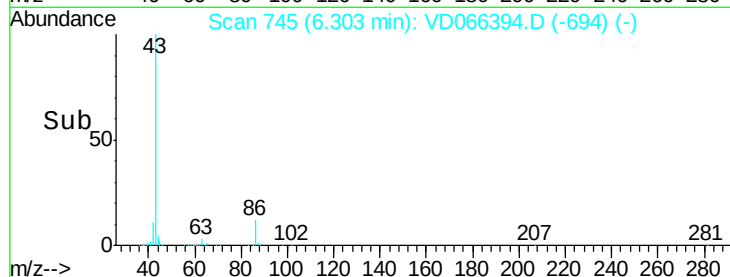
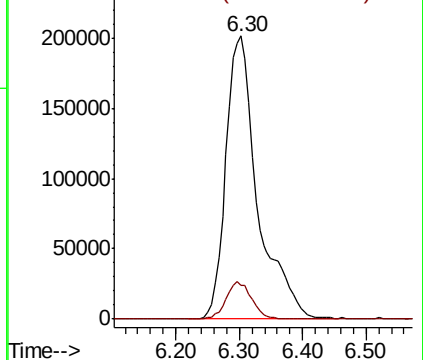
43 100

86 12.0 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 52.270 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

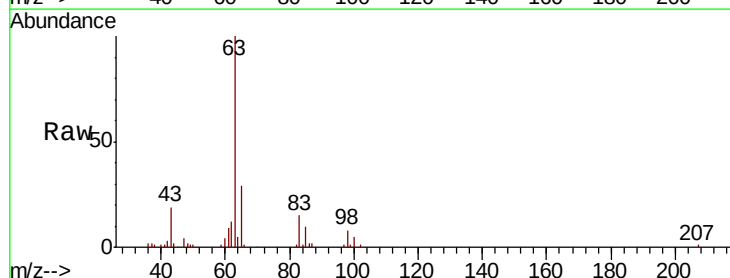
Tgt Ion: 63 Resp: 160346

Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.6

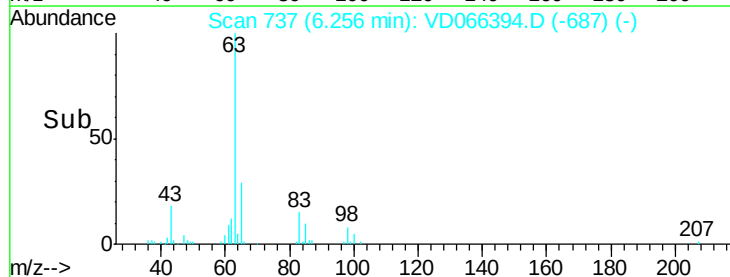
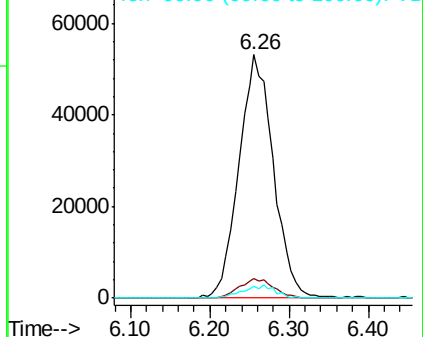
100 5.1 2.5 7.6

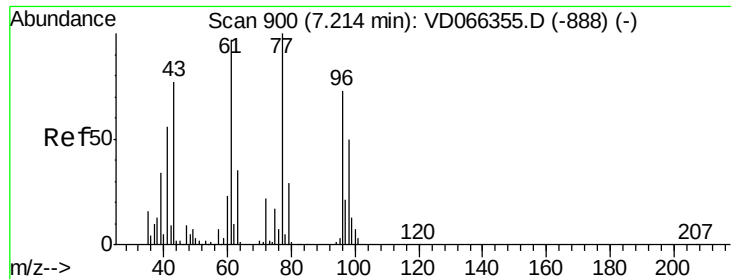


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 258.142 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

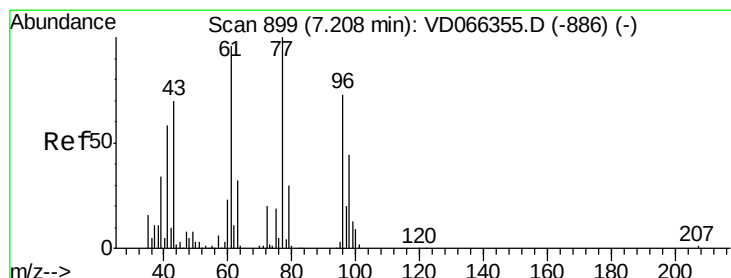
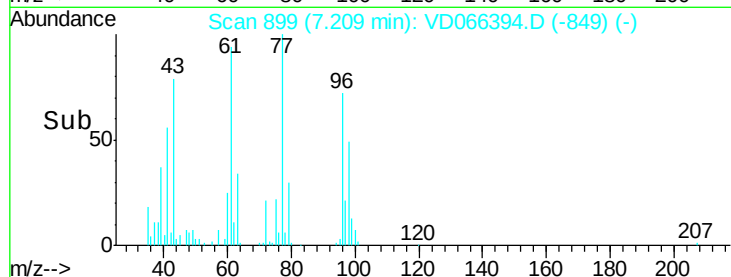
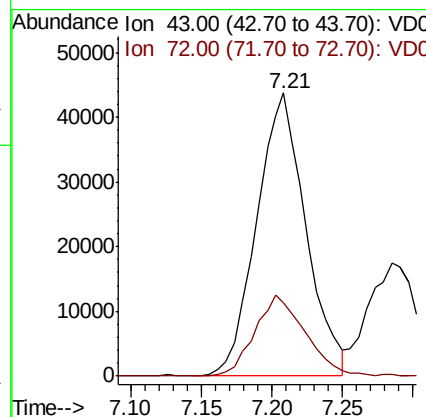
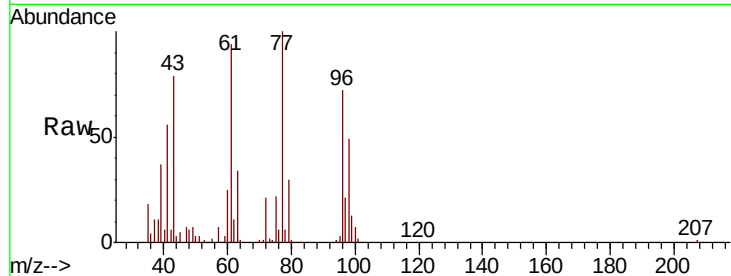
VSTDCCC050

Tot Ion: 43 Resp: 106753

Ion Ratio Lower Upper

43 100

72 25.9 22.5 33.7



#26

2,2-Dichloropropane

Concen: 52.388 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066394.D

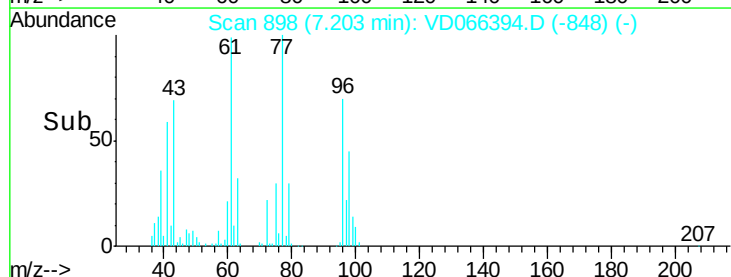
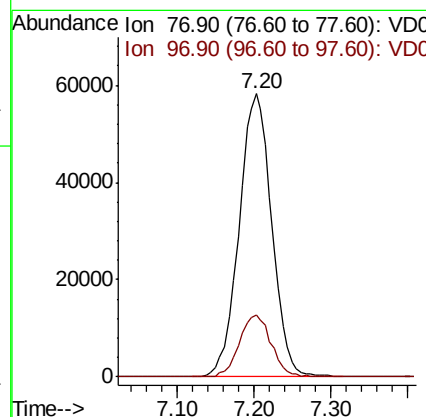
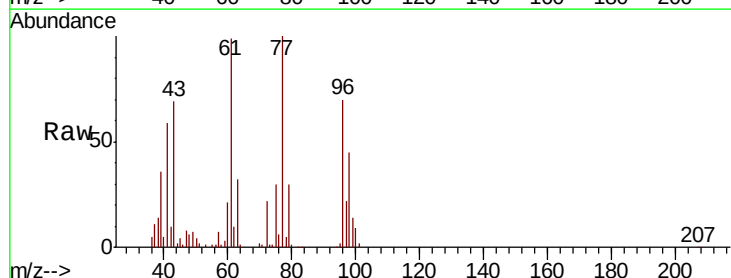
Acq: 25 Aug 2020 11:11

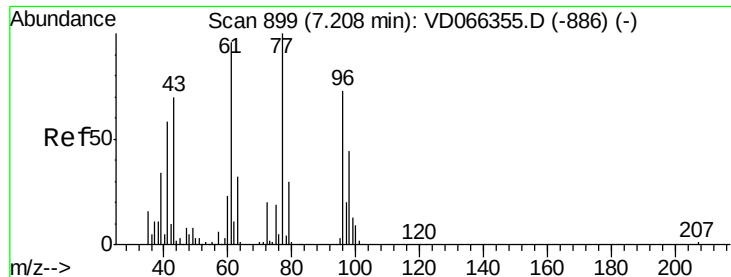
Tgt Ion: 77 Resp: 172245

Ion Ratio Lower Upper

77 100

97 21.3 10.7 31.9



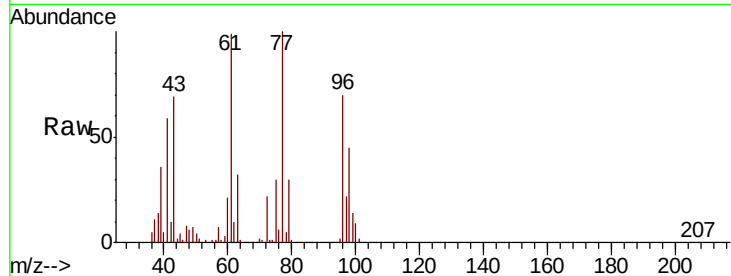


#27

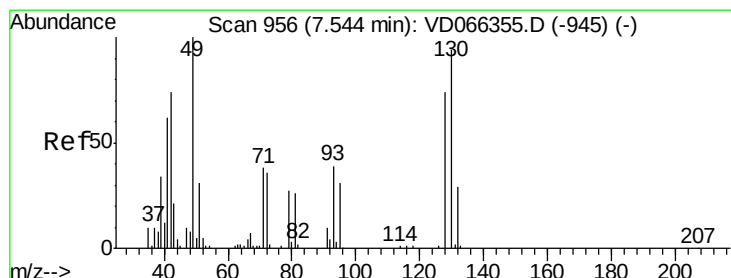
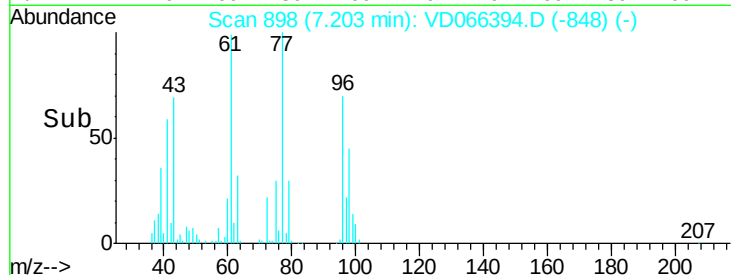
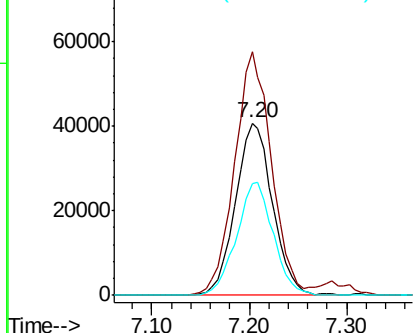
cis-1,2-Dichloroethene
 Concen: 51.493 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	96	Resp	107885
Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	281.4
98	65.2	0.0	132.2



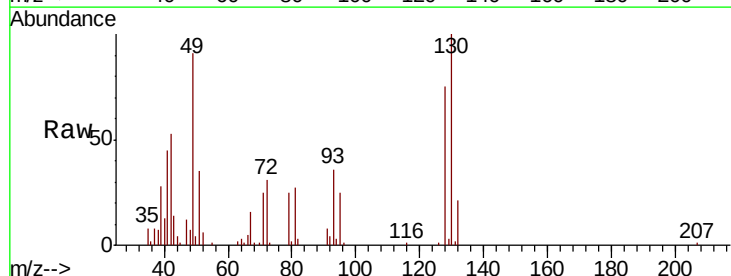
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



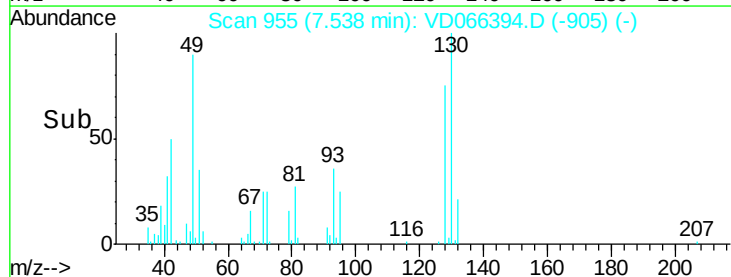
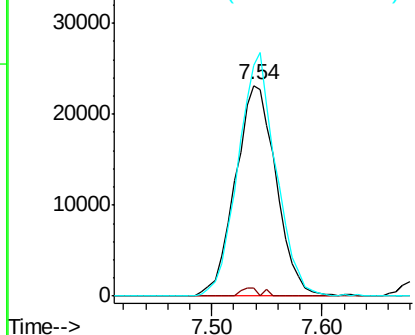
#28

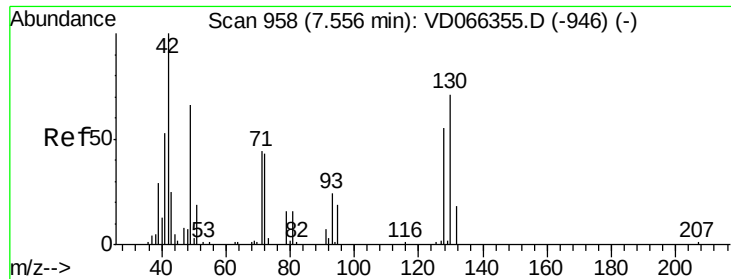
Bromochloromethane
 Concen: 56.964 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion	49	Resp	60192
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.0
130	106.8	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

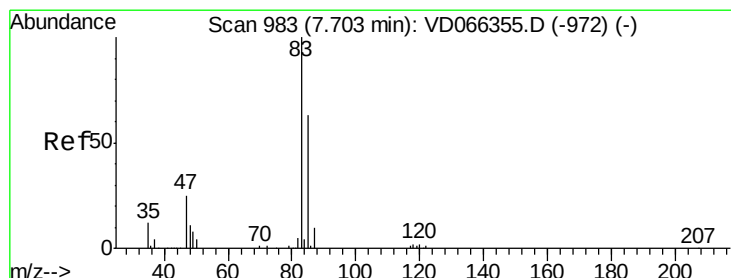
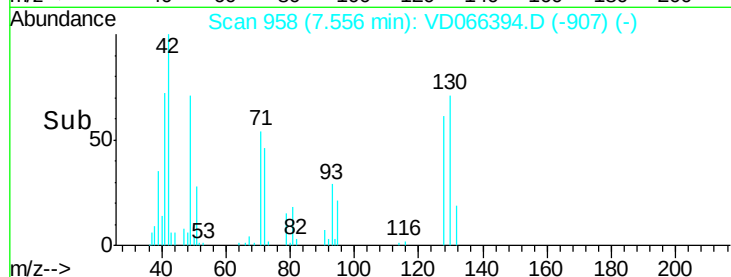
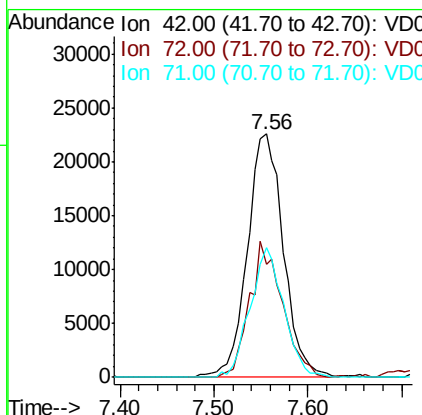
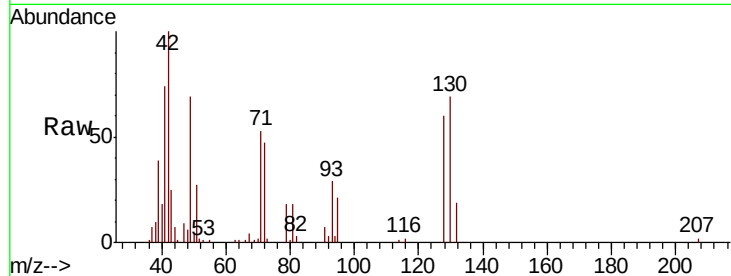




#29
Tetrahydrofuran
Concen: 254.514 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

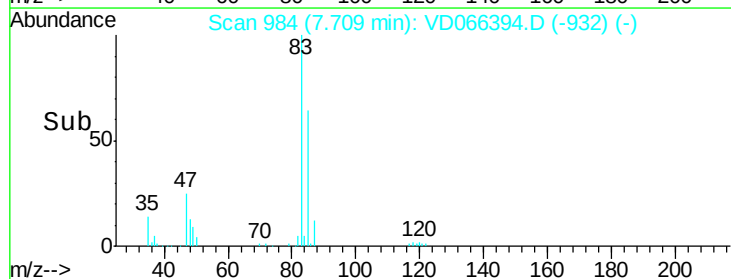
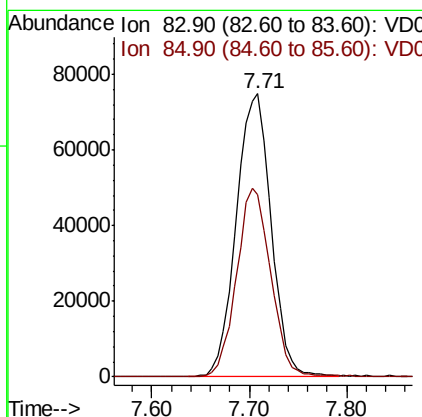
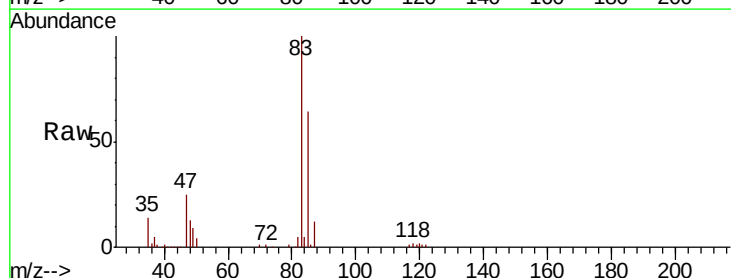
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

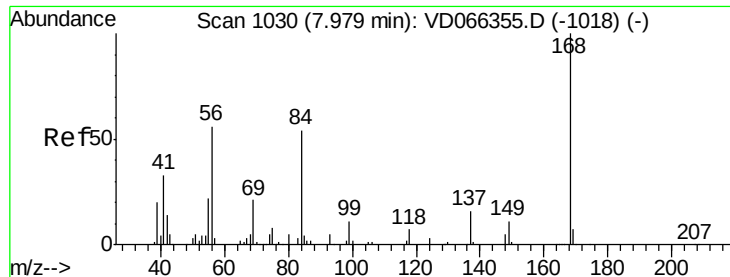
Tot Ion: 42 Resp: 59782
Ion Ratio Lower Upper
42 100
72 51.0 41.0 61.4
71 49.8 37.2 55.8



#30
Chloroform
Concen: 52.679 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion: 83 Resp: 186969
Ion Ratio Lower Upper
83 100
85 64.2 50.3 75.5

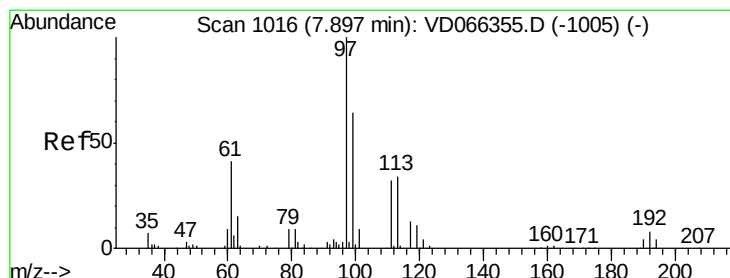
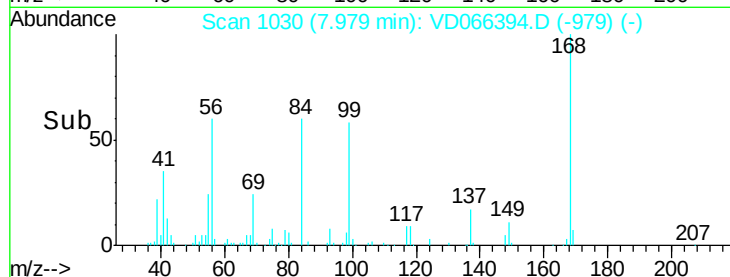
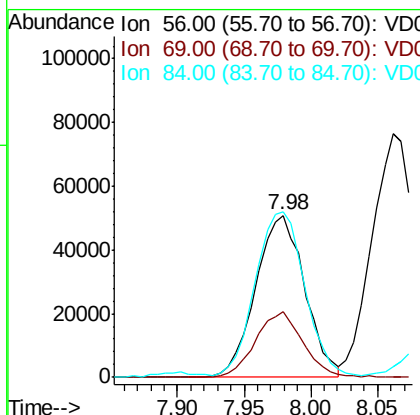
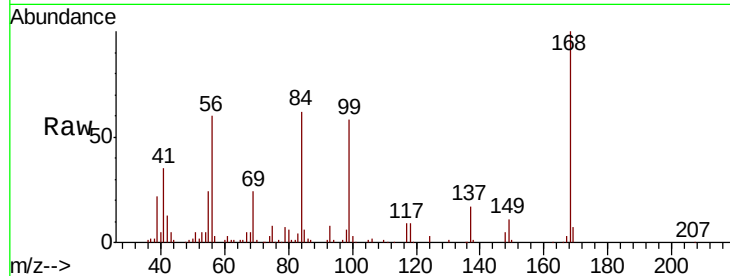




#31
Cyclohexane
Concen: 46.181 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

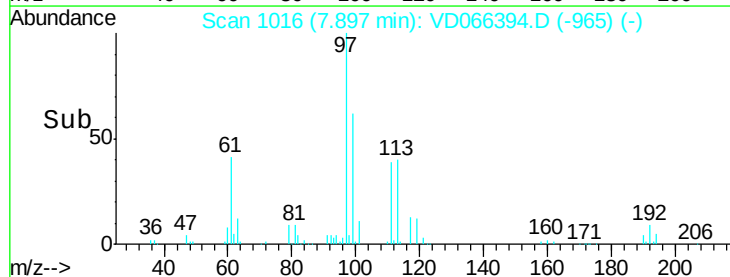
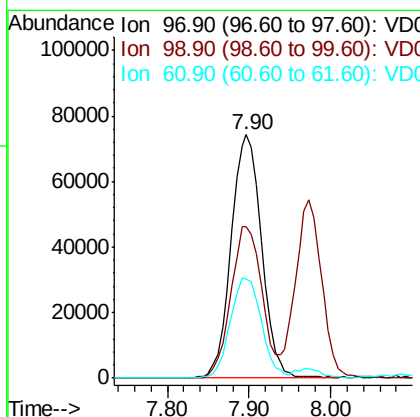
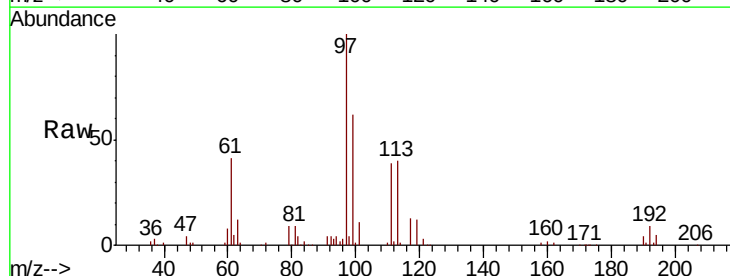
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

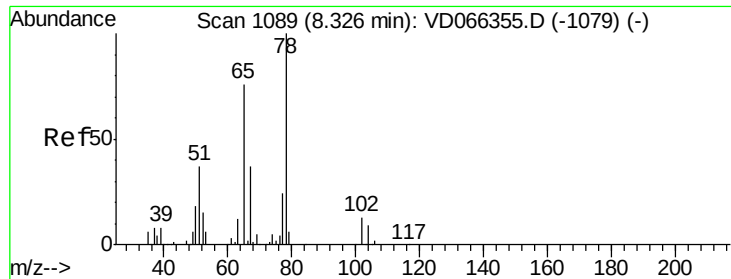
Tot Ion: 56 Resp: 129565
Ion Ratio Lower Upper
56 100
69 40.5 29.6 44.4
84 100.7 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 52.997 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion: 97 Resp: 192509
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 42.0 33.3 49.9

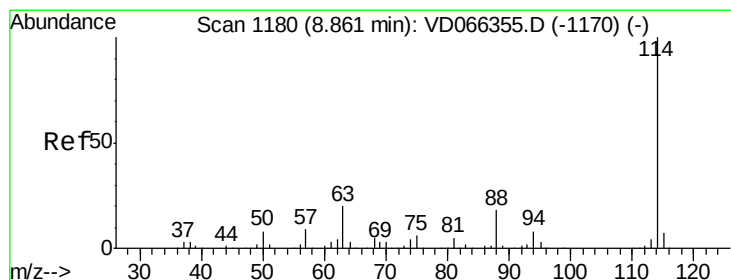
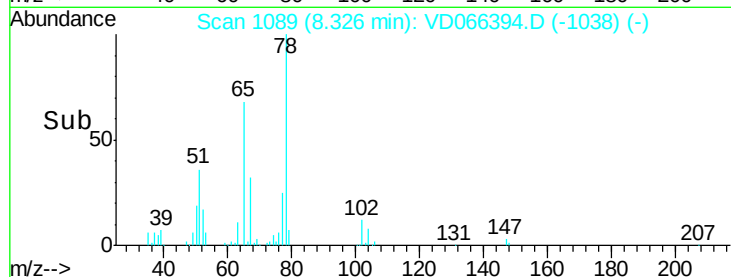
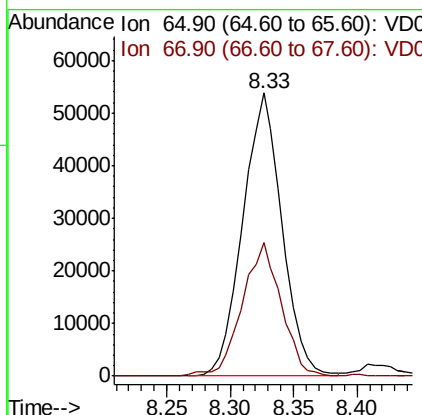
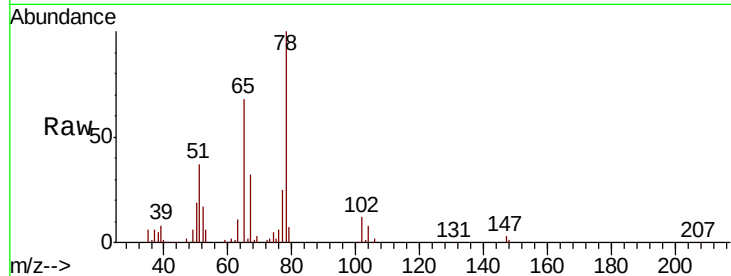




#33
 1,2-Dichloroethane-d4
 Concen: 57.285 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

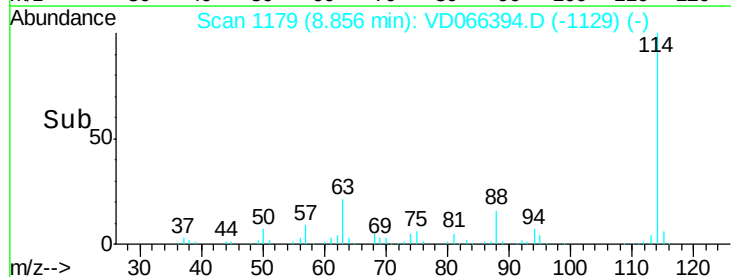
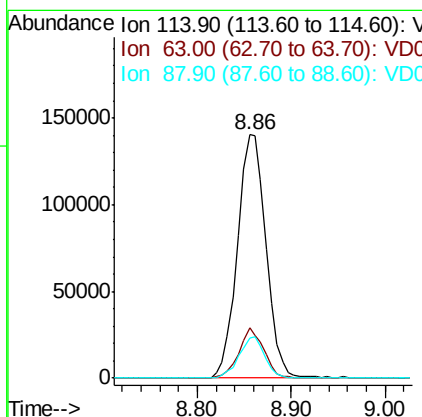
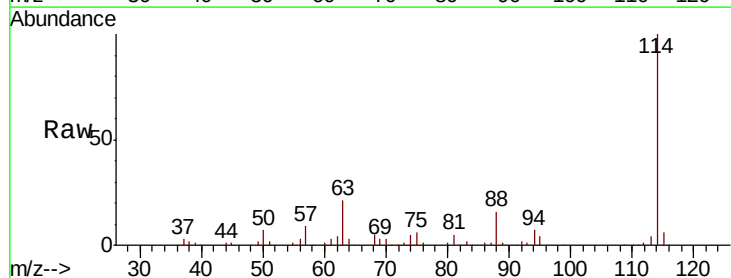
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

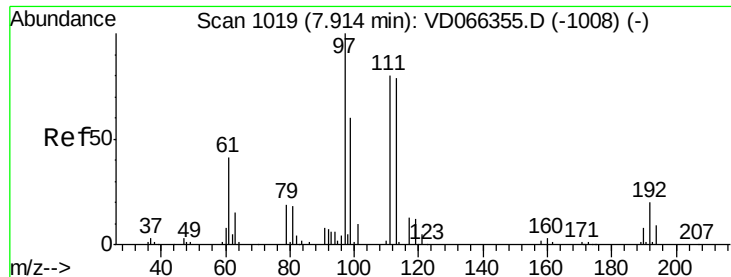
Tot Ion: 65 Resp: 115748
 Ion Ratio Lower Upper
 65 100
 67 46.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion: 114 Resp: 295402
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 16.3 0.0 35.4

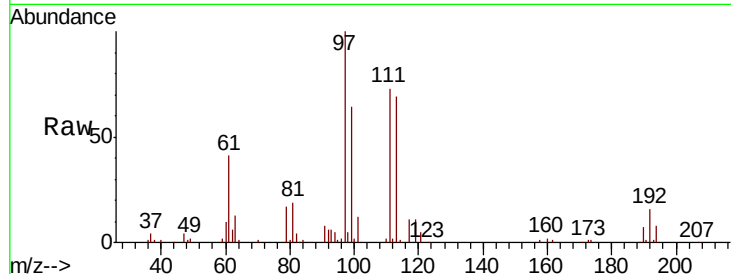




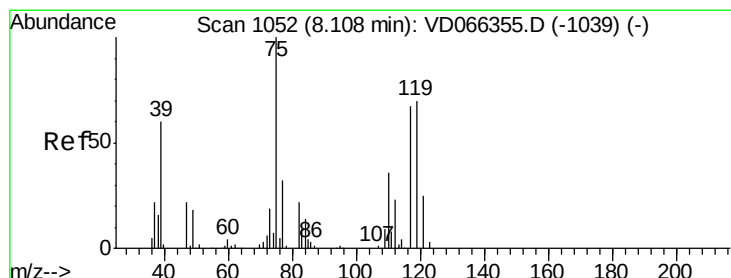
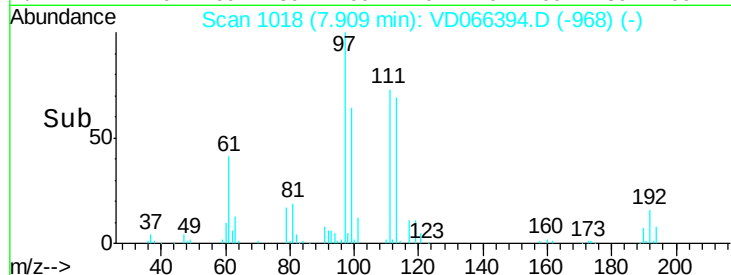
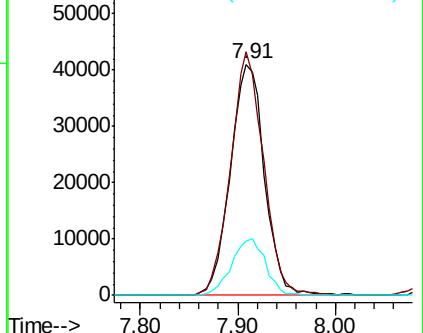
#35
 Dibromofluoromethane
 Concen: 53.731 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 99251
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.3 120.5
 192 24.1 19.0 28.6

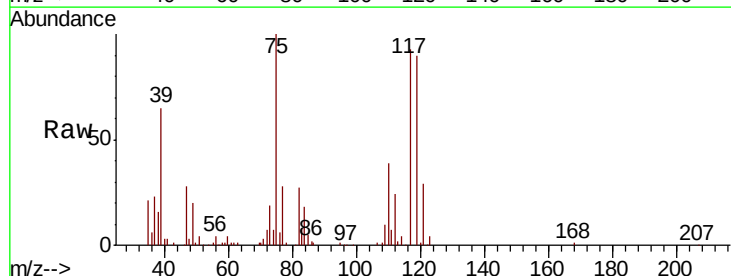


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

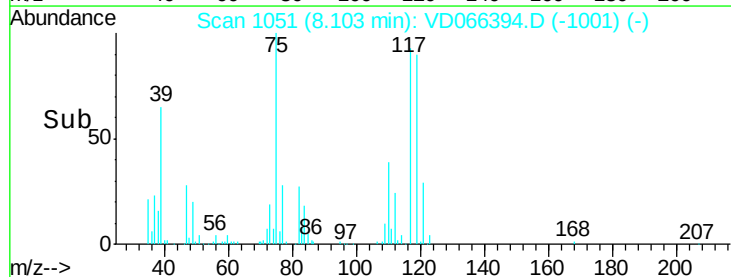
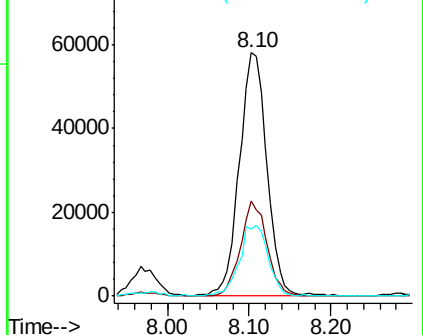


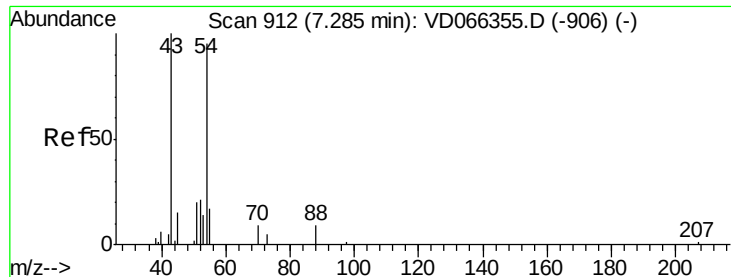
#36
 1,1-Dichloropropene
 Concen: 50.740 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion: 75 Resp: 136763
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.7 56.1
 77 30.6 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

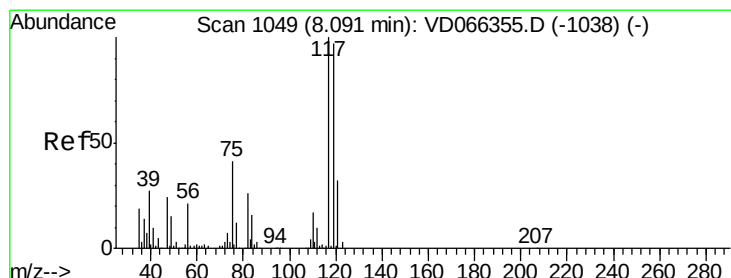
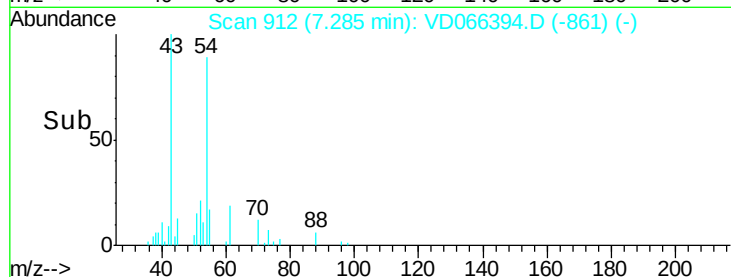
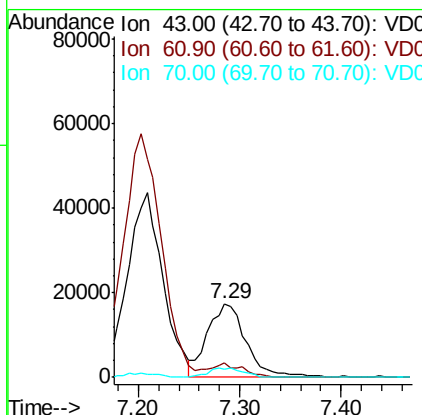
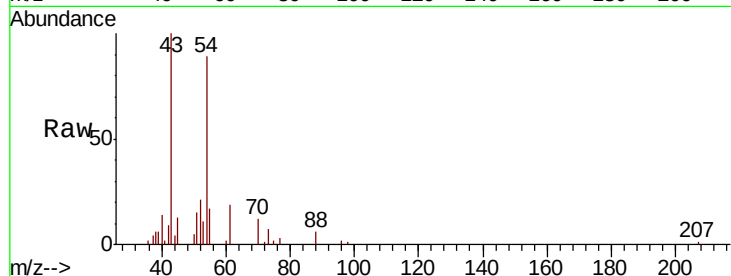




#37
Ethyl Acetate
Concen: 50.174 ug/l
RT: 7.29 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

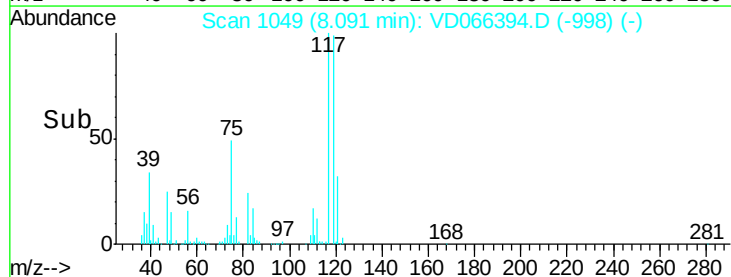
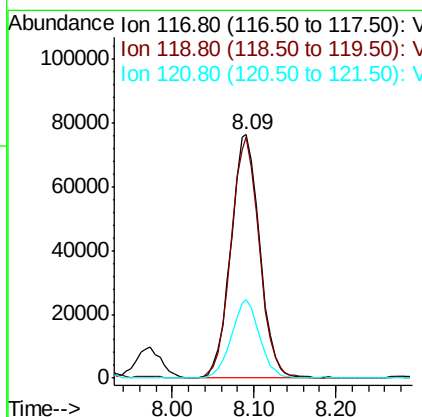
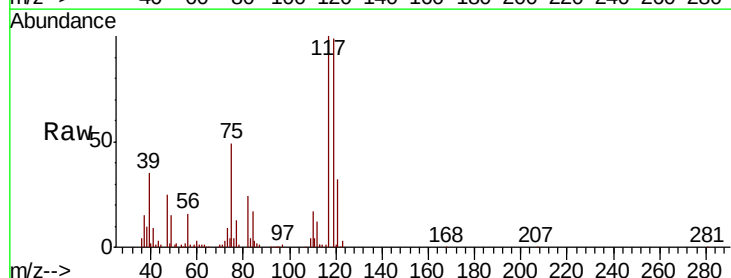
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

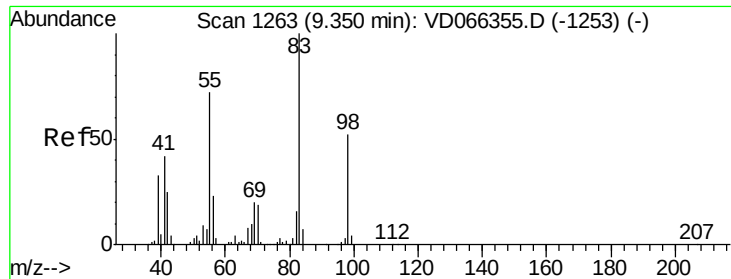
Tot Ion: 43 Resp: 45996
Ion Ratio Lower Upper
43 100
61 15.5 13.3 19.9
70 11.9 3.5 5.3#



#38
Carbon Tetrachloride
Concen: 53.442 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion: 117 Resp: 187670
Ion Ratio Lower Upper
117 100
119 99.1 77.2 115.8
121 32.3 25.8 38.8

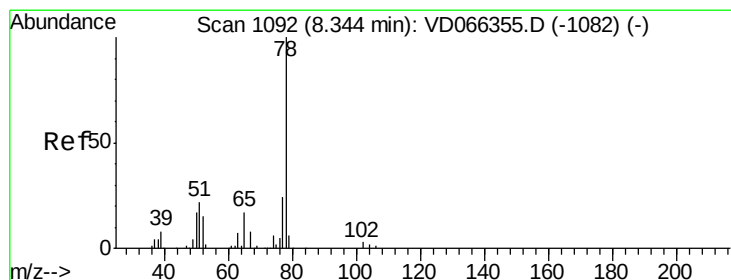
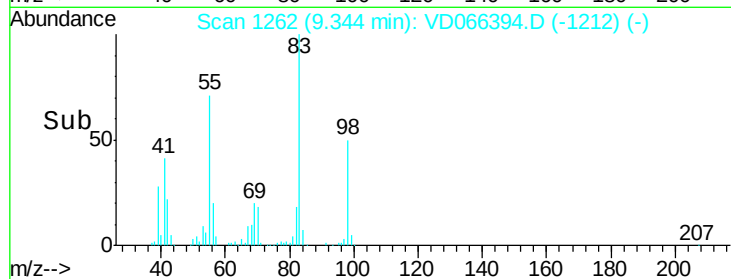
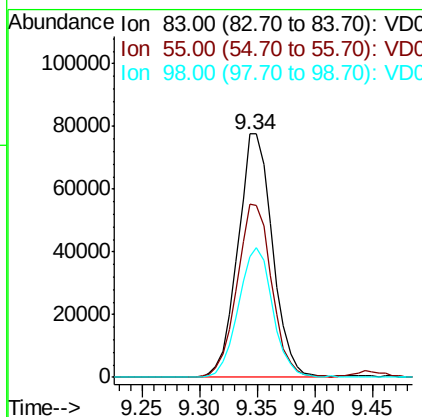
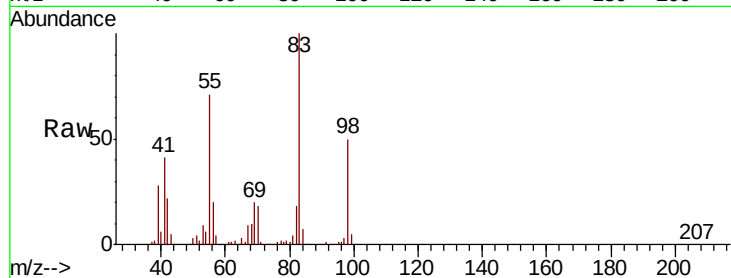




#39
Methylvlcyclohexane
Concen: 51.154 ug/l
RT: 9.34 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

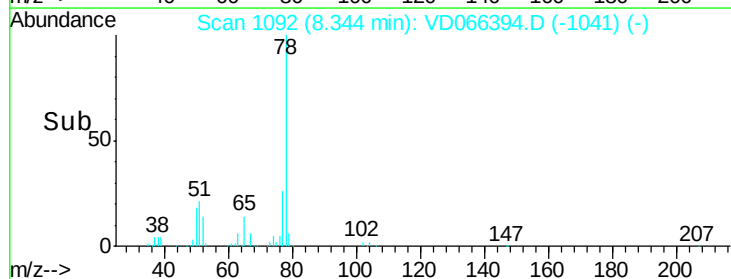
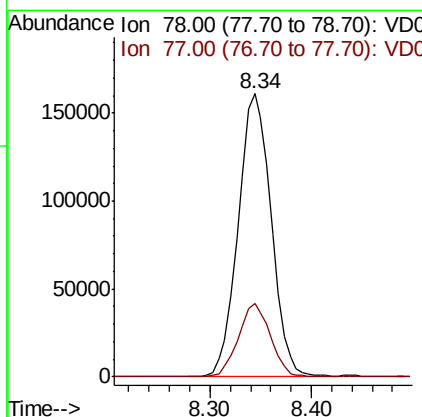
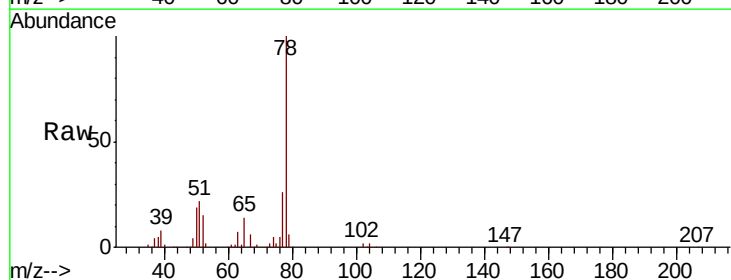
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

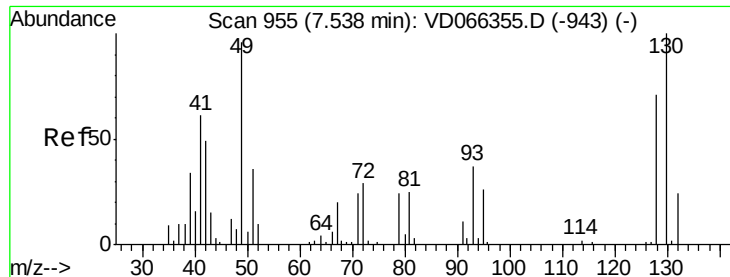
Tot Ion: 83 Resp: 162417
Ion Ratio Lower Upper
83 100
55 71.3 58.0 87.0
98 49.7 41.9 62.9



#40
Benzene
Concen: 51.309 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion: 78 Resp: 363813
Ion Ratio Lower Upper
78 100
77 26.1 18.8 28.2

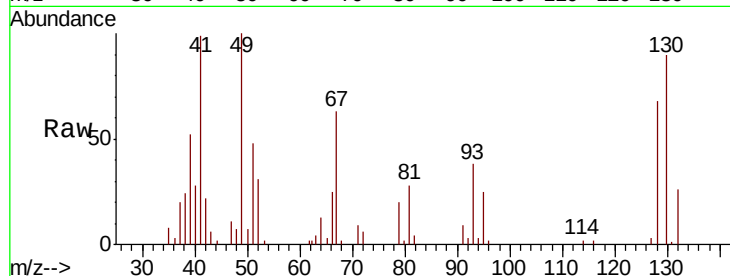




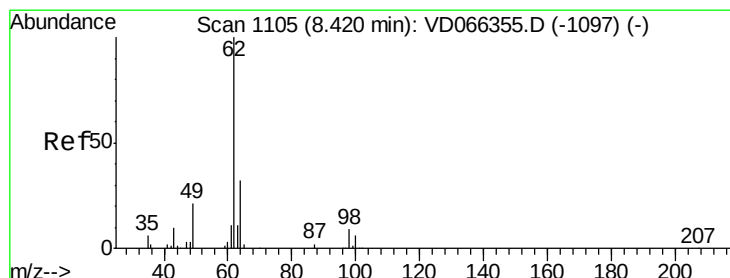
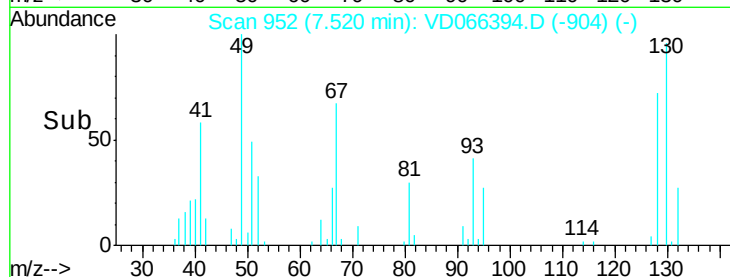
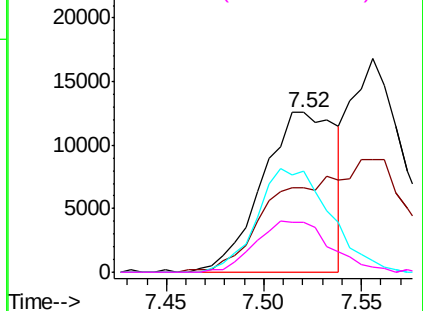
#41
Methacrylonitrile
Concen: 58.341 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 32982
Ion Ratio Lower Upper
41 100
39 0.0 51.8 77.8#
67 63.9 0.0 0.0#
52 32.5 0.0 0.0#

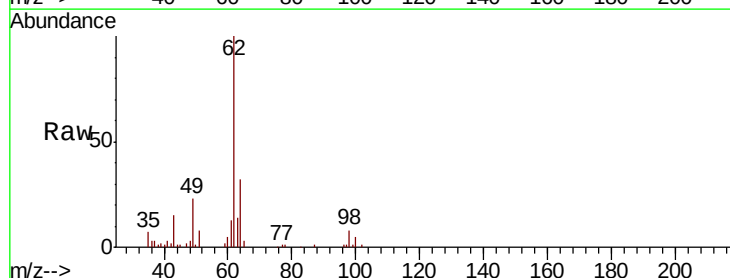


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

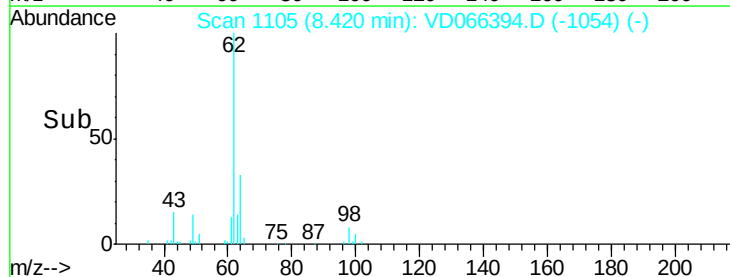
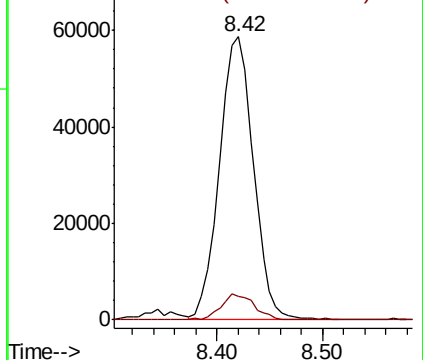


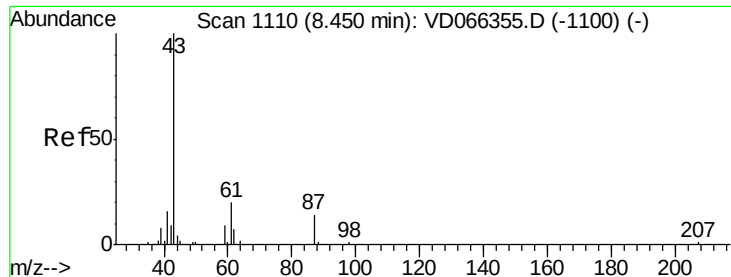
#42
1,2-Dichloroethane
Concen: 52.544 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion: 62 Resp: 131220
Ion Ratio Lower Upper
62 100
98 9.0 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: 50.664 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

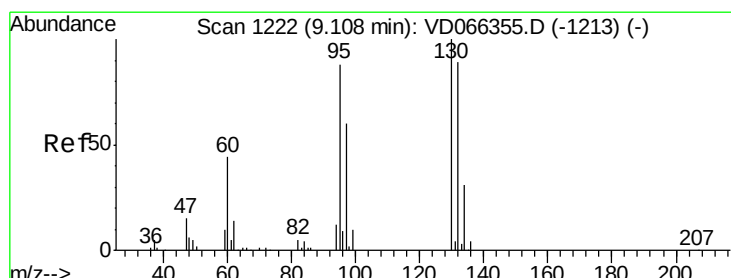
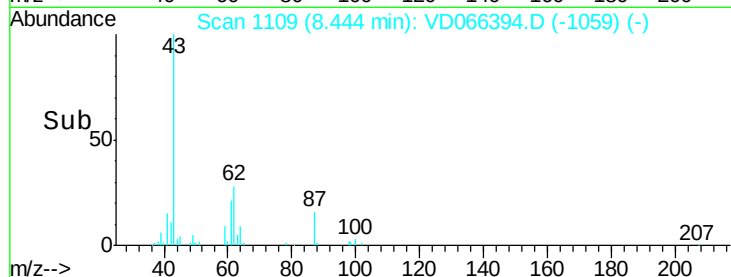
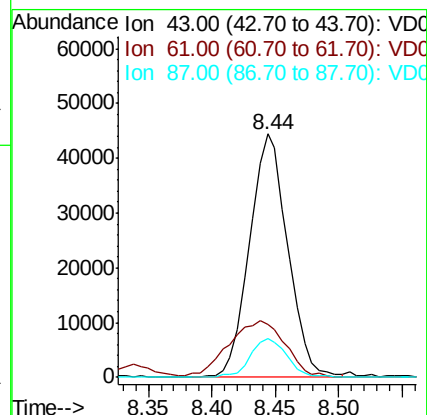
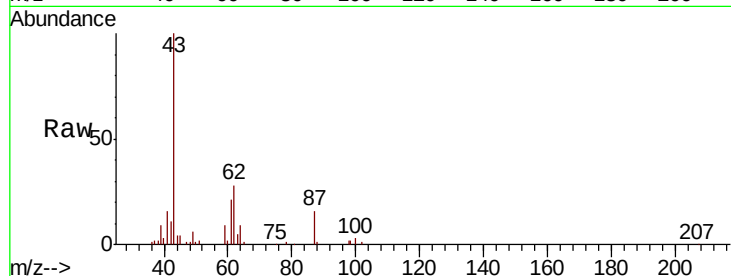
Tot Ion: 43 Resp: 93222

Ion Ratio Lower Upper

43 100

61 34.5 26.5 39.7

87 15.3 11.9 17.9



#44

Trichloroethene

Concen: 50.770 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066394.D

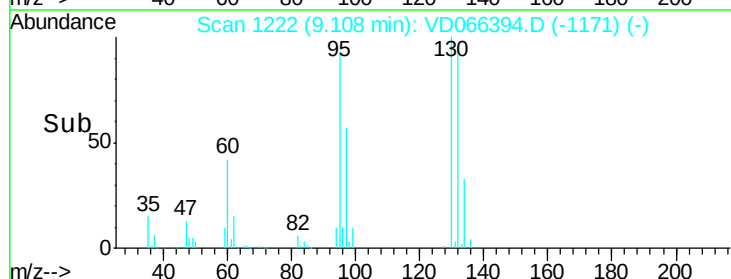
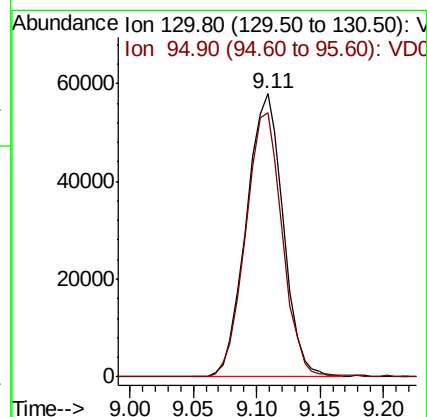
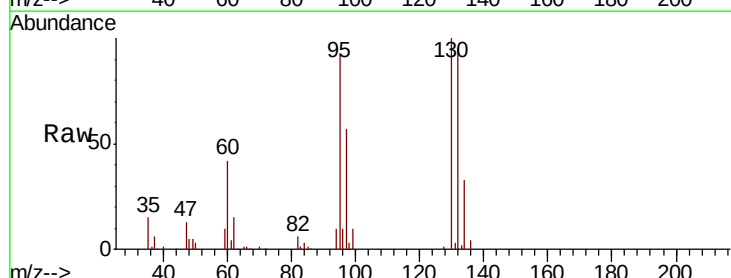
Acq: 25 Aug 2020 11:11

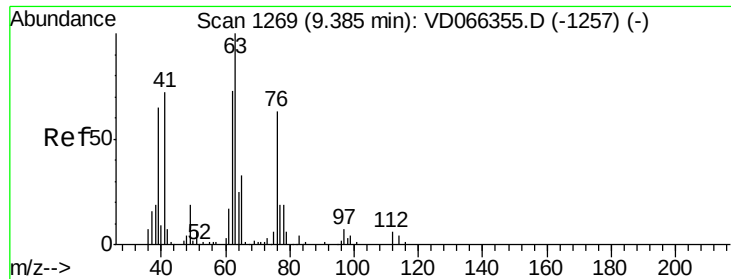
Tgt Ion:130 Resp: 116974

Ion Ratio Lower Upper

130 100

95 93.2 0.0 175.6

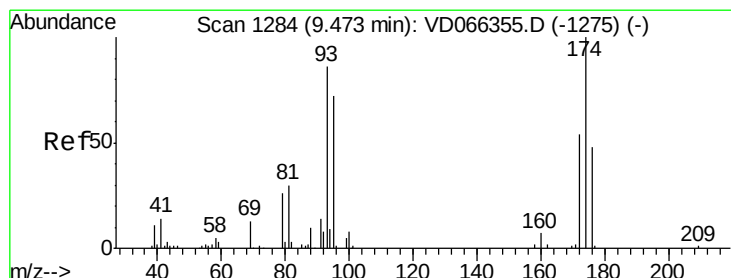
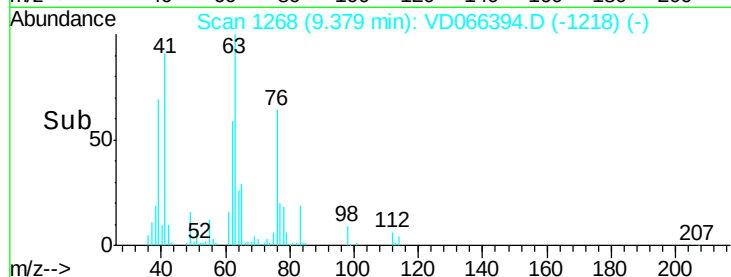
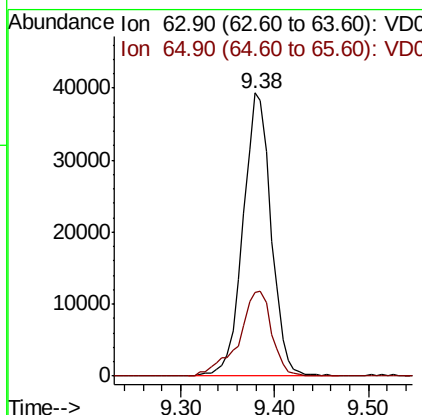
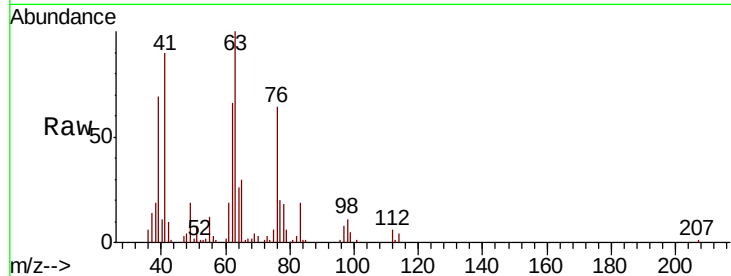




#45
 1,2-Dichloropropane
 Concen: 50.551 ug/l
 RT: 9.38 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

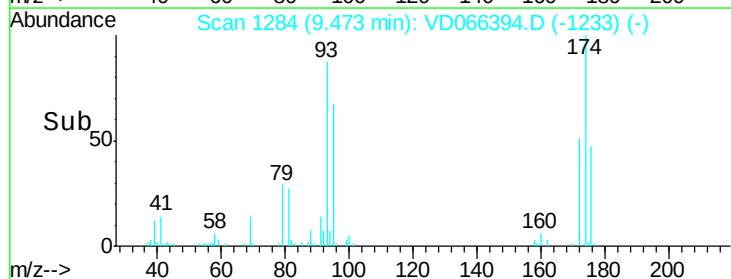
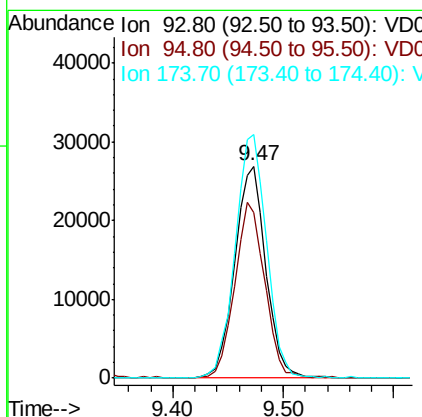
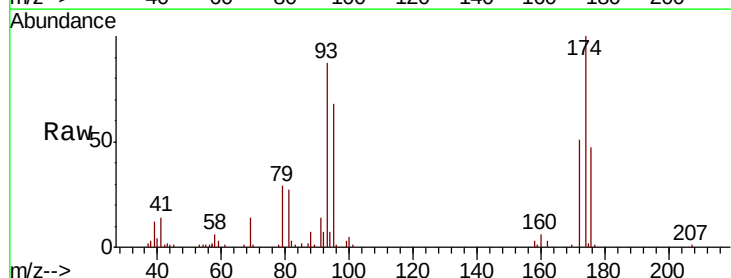
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

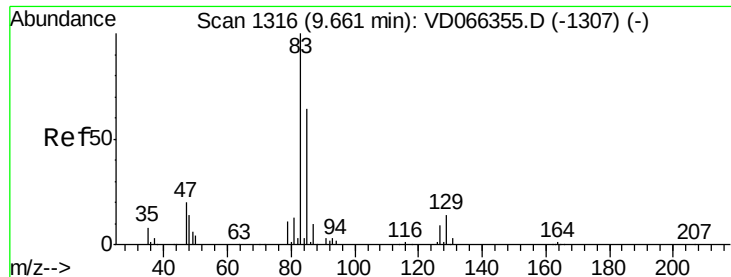
Tot Ion: 63 Resp: 81260
 Ion Ratio Lower Upper
 63 100
 65 29.6 26.4 39.6



#46
 Dibromomethane
 Concen: 53.146 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion: 93 Resp: 53191
 Ion Ratio Lower Upper
 93 100
 95 79.8 66.0 99.0
 174 116.3 94.6 141.8

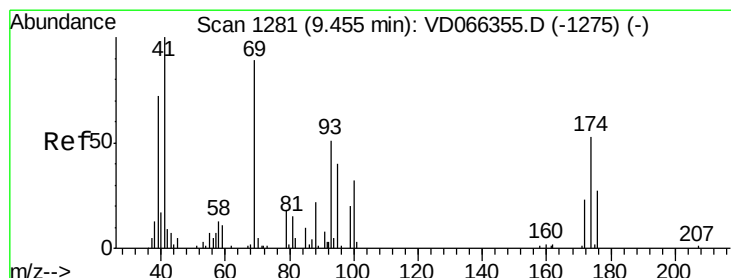
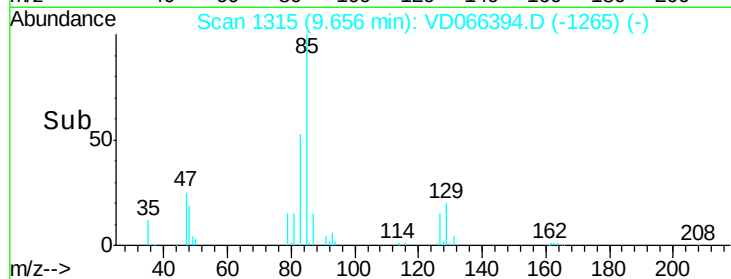
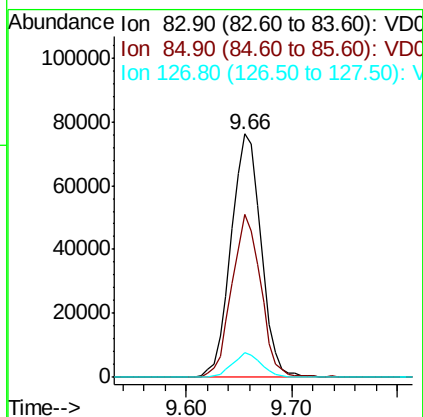
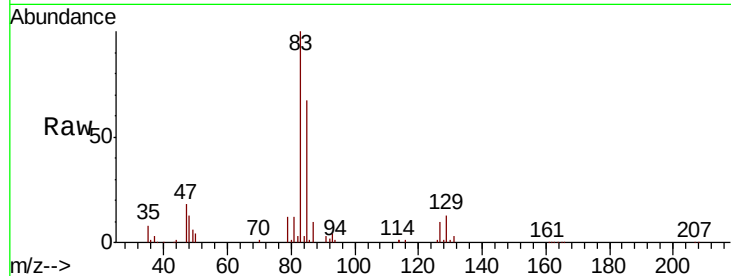




#47
Bromodichloromethane
Concen: 54.307 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

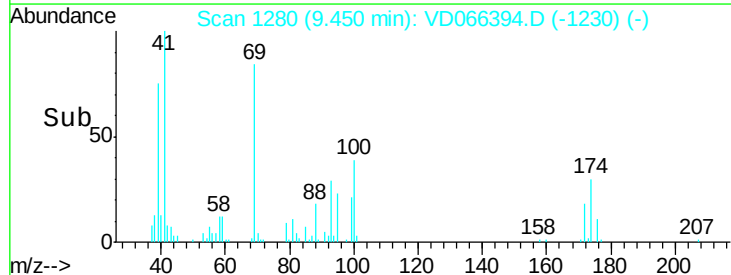
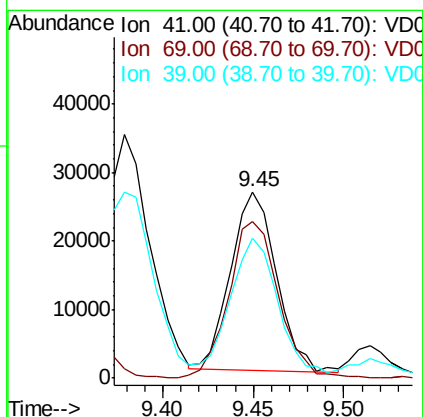
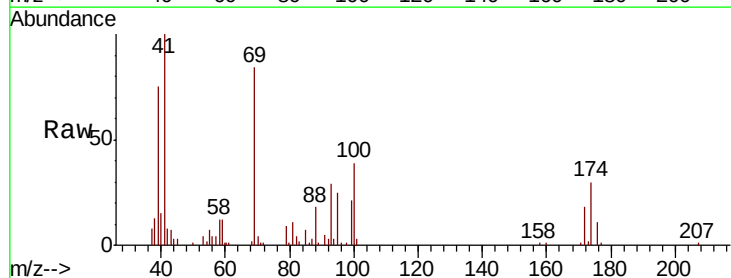
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

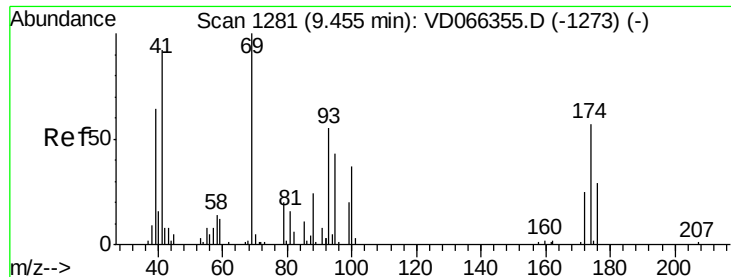
Tot Ion: 83 Resp: 149474
Ion Ratio Lower Upper
83 100
85 66.8 51.4 77.0
127 10.2 7.4 11.0



#48
Methyl methacrylate
Concen: 48.471 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion: 41 Resp: 45991
Ion Ratio Lower Upper
41 100
69 95.3 75.5 113.3
39 77.0 57.0 85.4

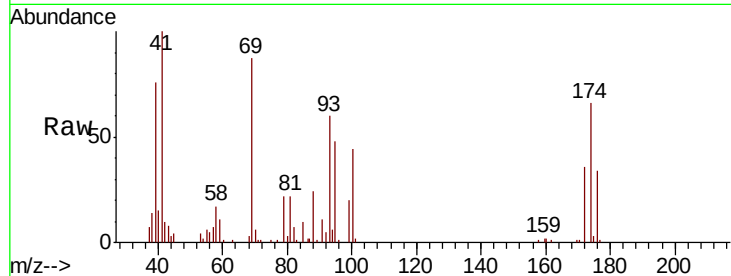




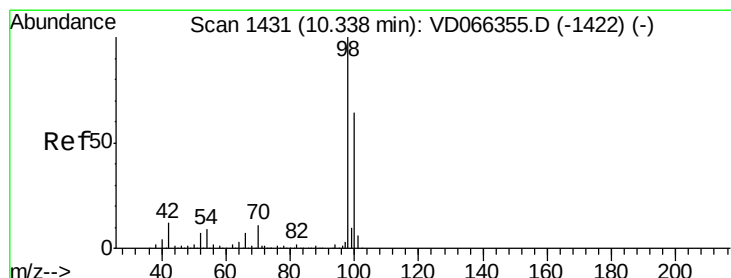
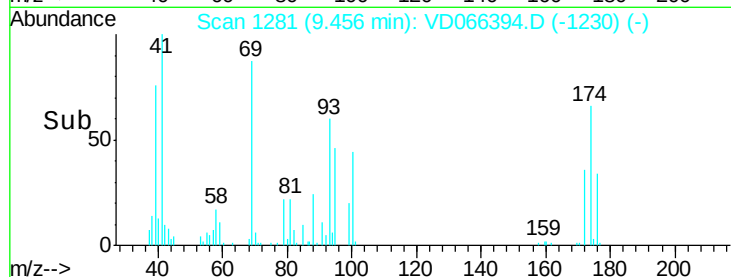
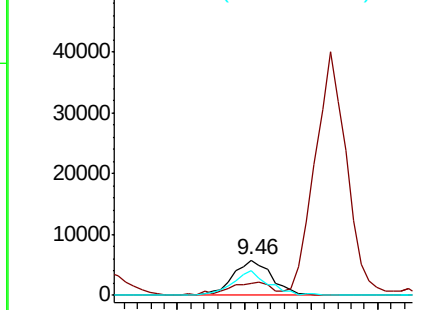
#49
1,4-Dioxane
Concen: 1012.779 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 11770
Ion Ratio Lower Upper
88 100
43 42.3 29.4 44.0
58 63.7 45.4 68.2

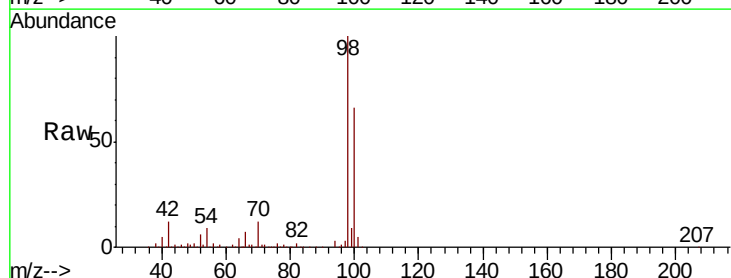


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

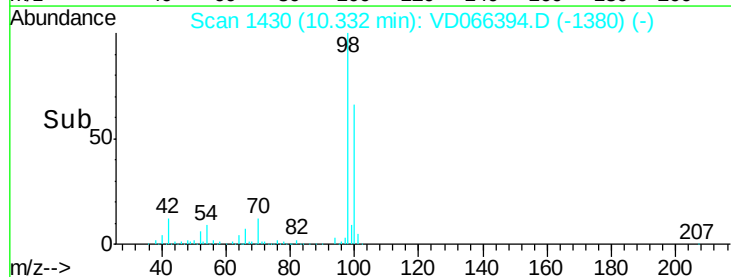
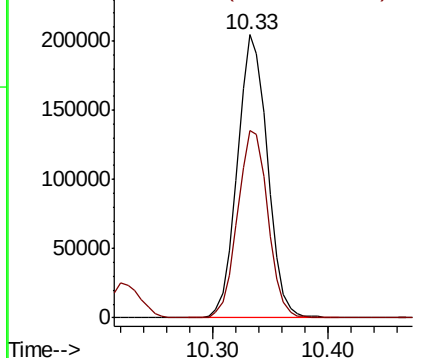


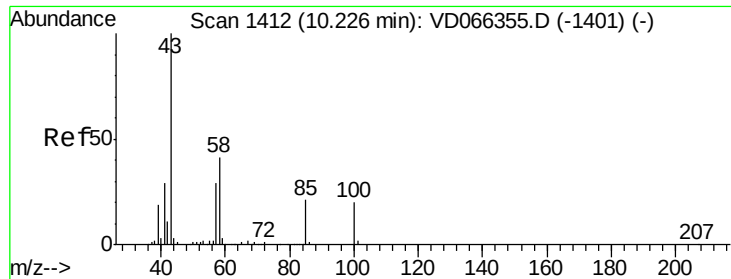
#50
Toluene-d8
Concen: 54.678 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion: 98 Resp: 369548
Ion Ratio Lower Upper
98 100
100 67.1 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: 253.387 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

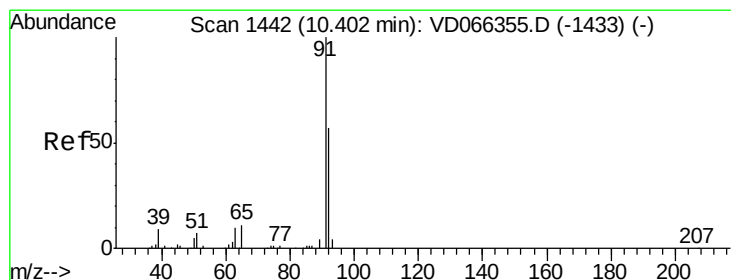
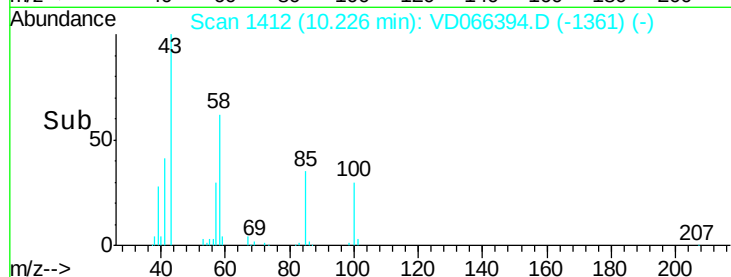
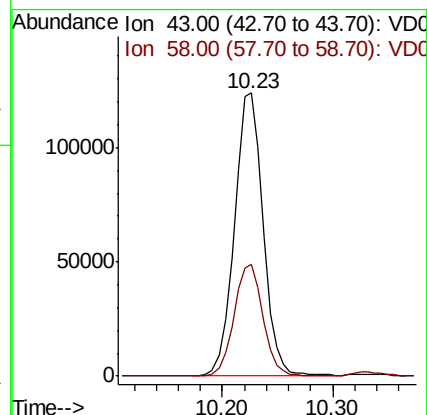
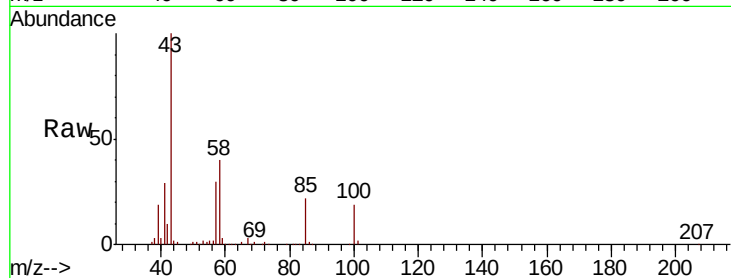
VSTDCCC050

Tot Ion: 43 Resp: 225546

Ion Ratio Lower Upper

43 100

58 39.9 31.4 47.2



#52

Toluene

Concen: 51.753 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066394.D

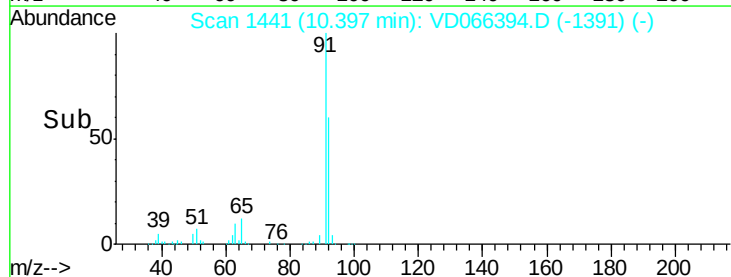
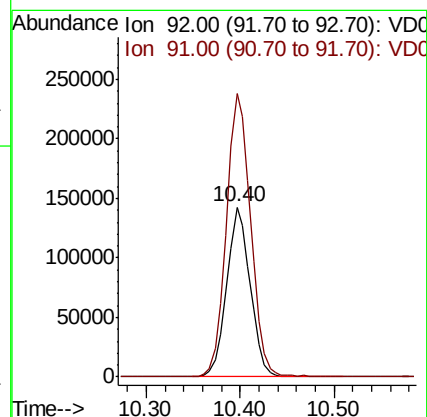
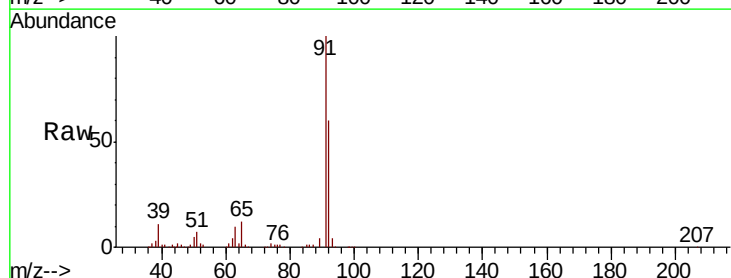
Acq: 25 Aug 2020 11:11

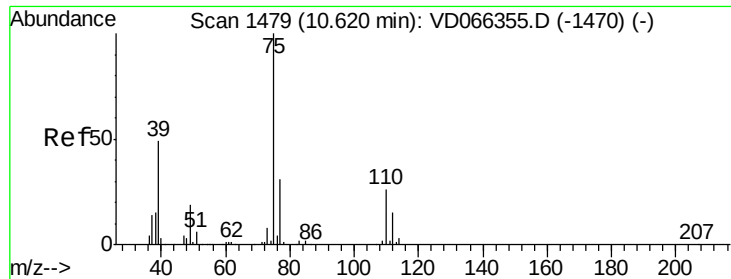
Tgt Ion: 92 Resp: 248615

Ion Ratio Lower Upper

92 100

91 172.3 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 51.914 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

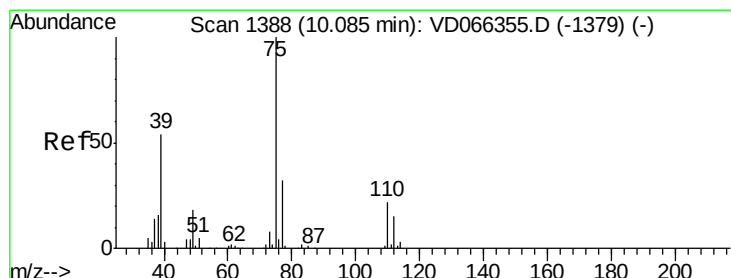
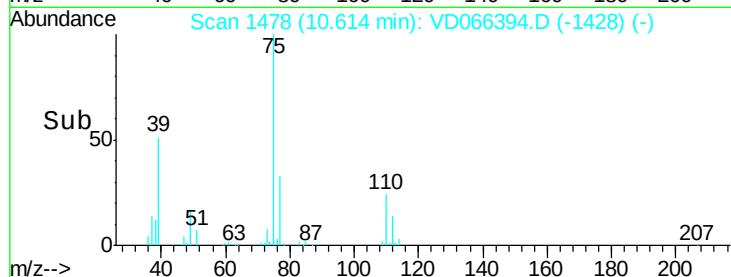
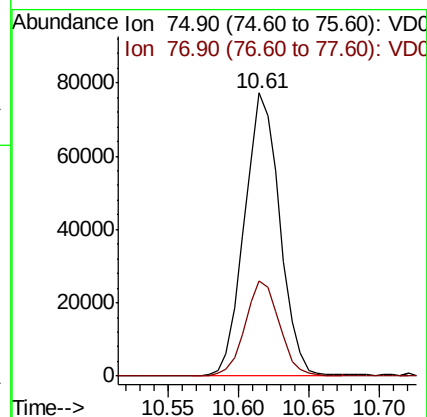
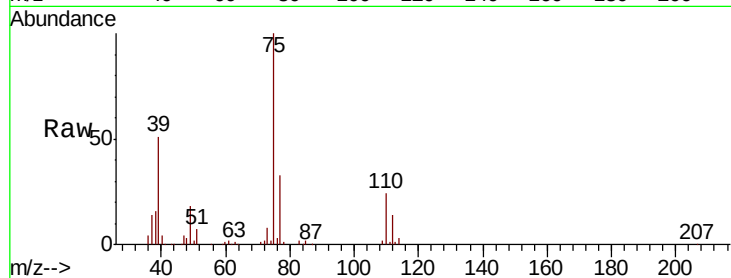
VSTDCCC050

Tot Ion: 75 Resp: 135584

Ion Ratio Lower Upper

75 100

77 33.4 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 51.237 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

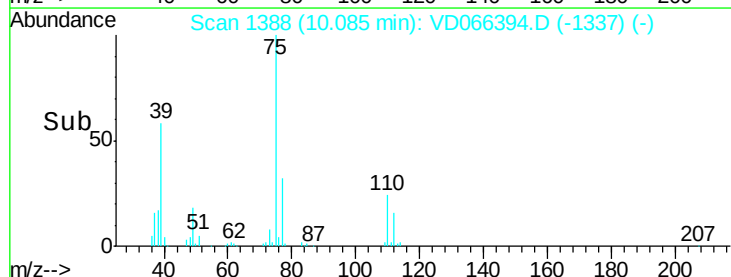
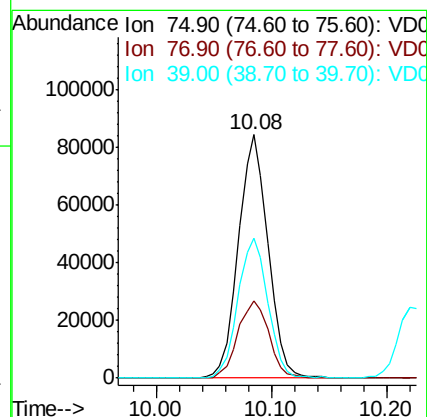
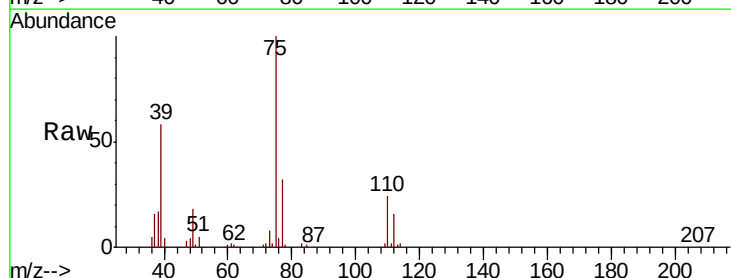
Tgt Ion: 75 Resp: 150203

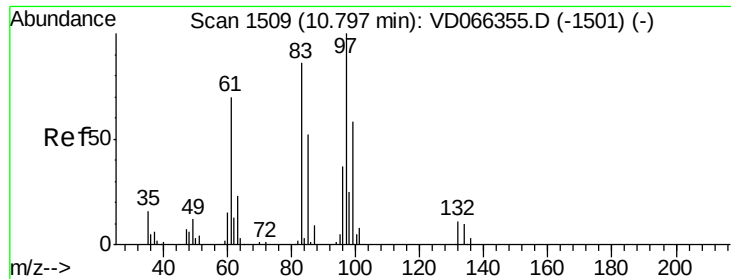
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 57.3 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 49.092 ug/l

RT: 10.79 min Scan# 1508

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 66516

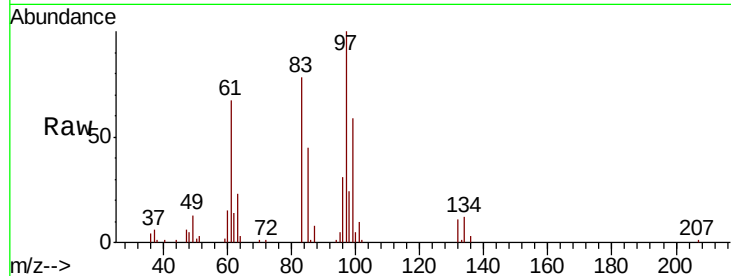
Ion Ratio Lower Upper

97 100

83 77.8 68.4 102.6

85 45.1 41.3 61.9

99 58.6 46.1 69.1

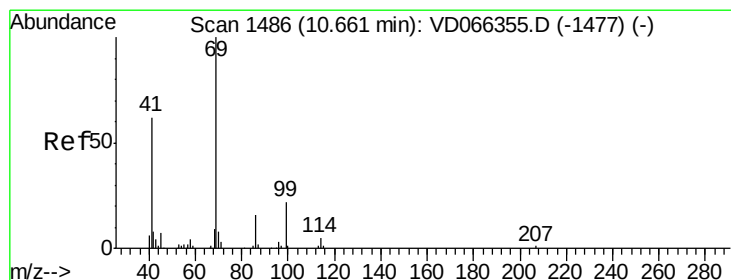
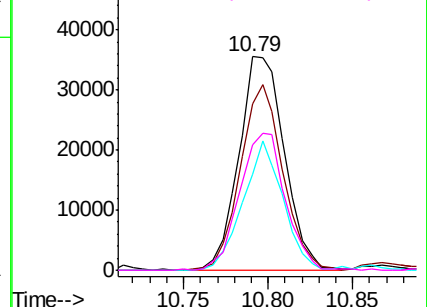
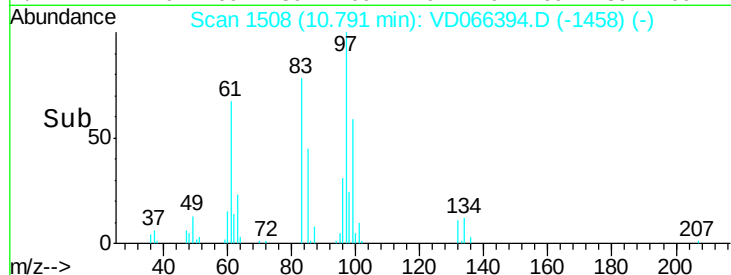


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 53.143 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

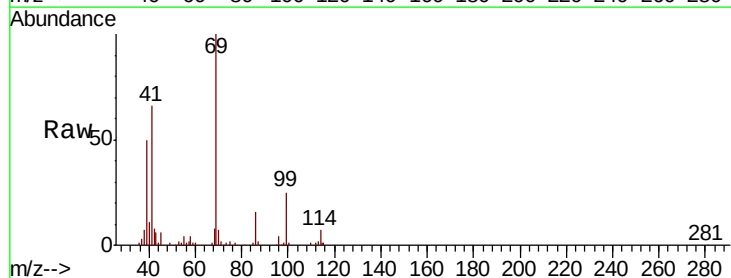
Tgt Ion: 69 Resp: 83354

Ion Ratio Lower Upper

69 100

41 62.8 50.8 76.2

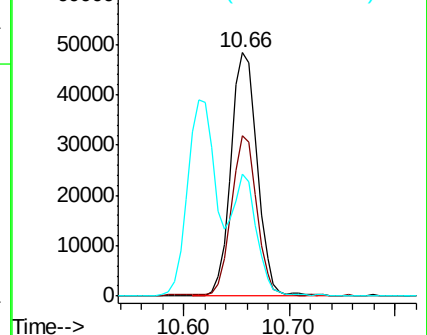
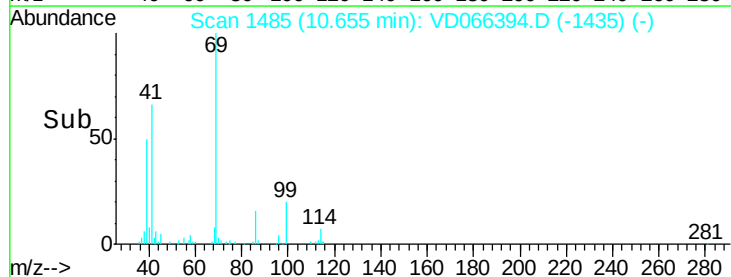
39 46.5 32.9 49.3

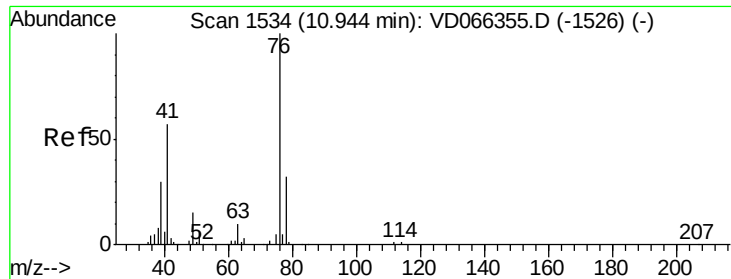


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

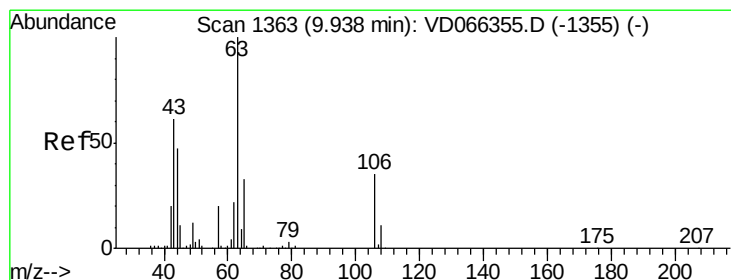
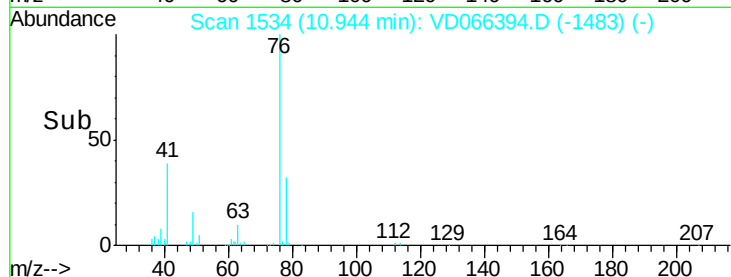
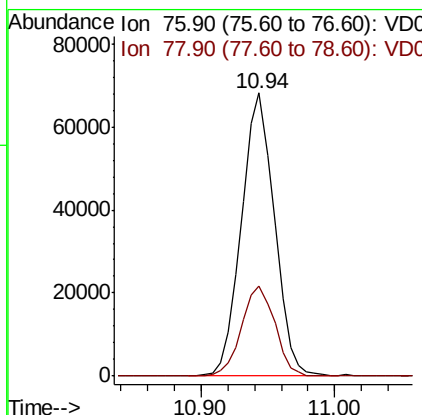
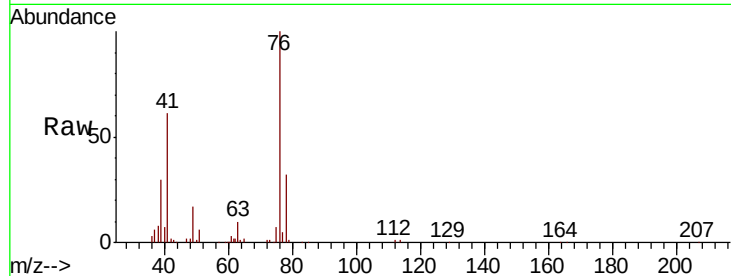




#57
 1,3-Dichloropropane
 Concen: 51.941 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

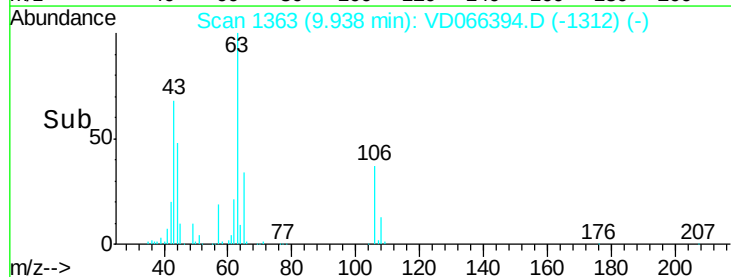
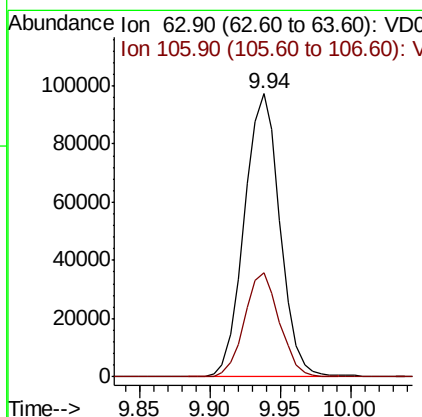
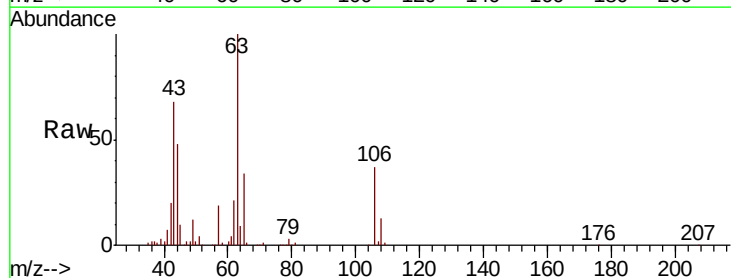
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

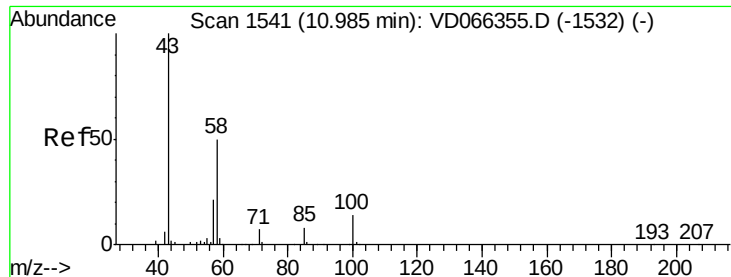
Tot Ion: 76 Resp: 116410
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.770 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion: 63 Resp: 172481
 Ion Ratio Lower Upper
 63 100
 106 36.1 27.1 40.7

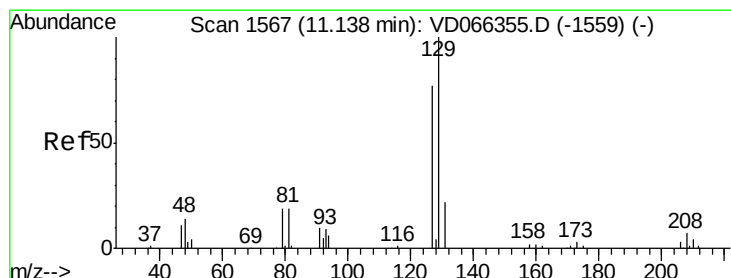
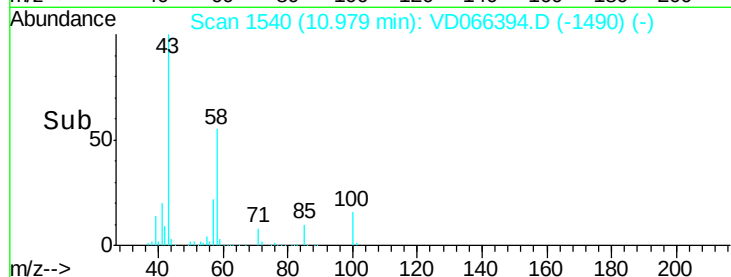
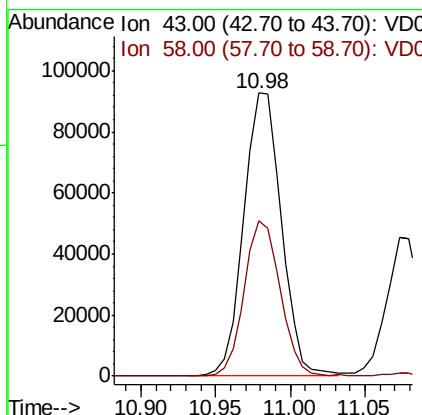
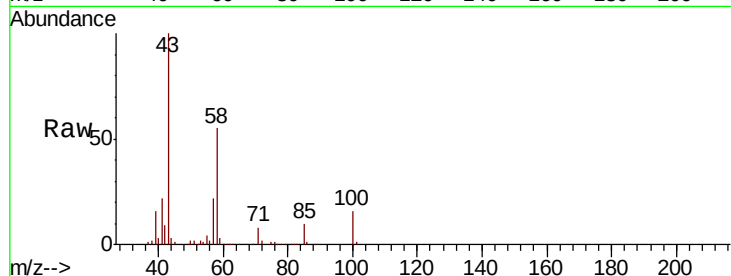




#59
2-Hexanone
Concen: 257.905 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

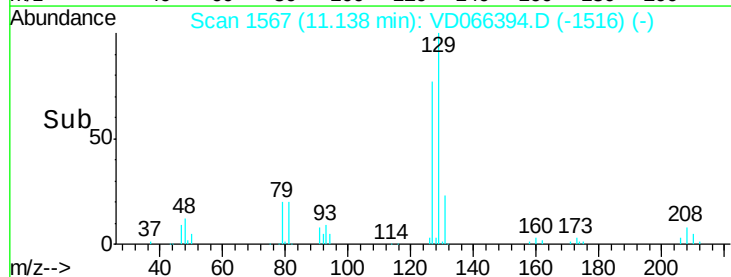
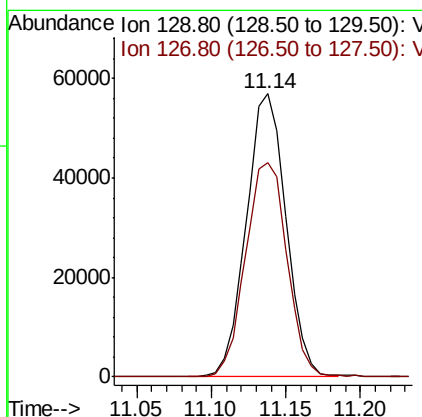
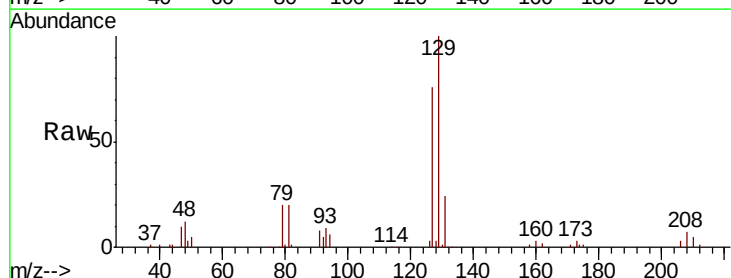
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

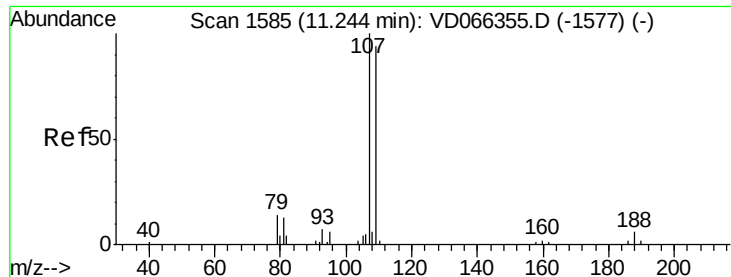
Tot Ion: 43 Resp: 161929
Ion Ratio Lower Upper
43 100
58 52.5 26.3 78.8



#60
Dibromochloromethane
Concen: 51.189 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion: 129 Resp: 104545
Ion Ratio Lower Upper
129 100
127 79.1 39.0 117.0

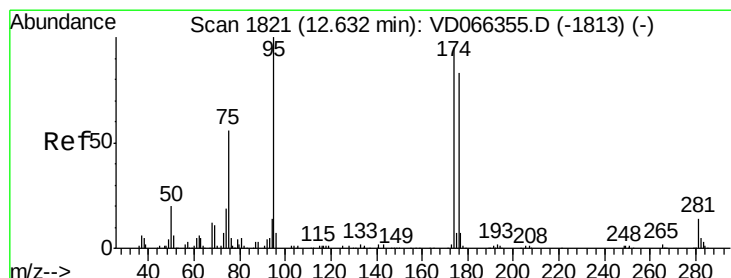
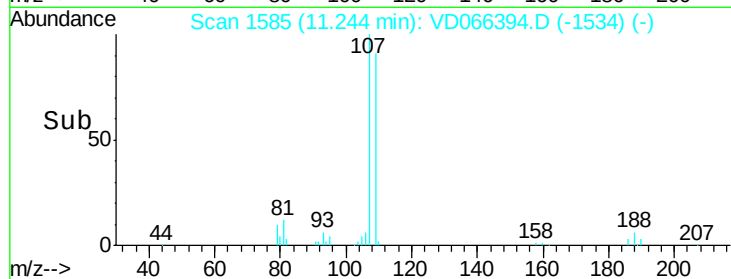
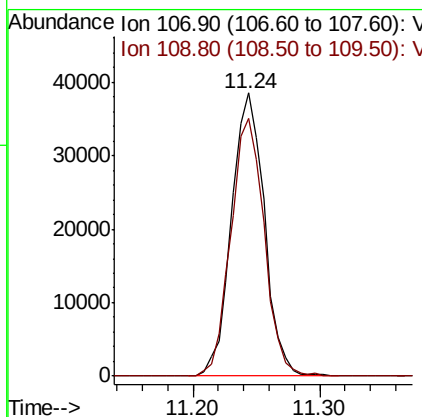
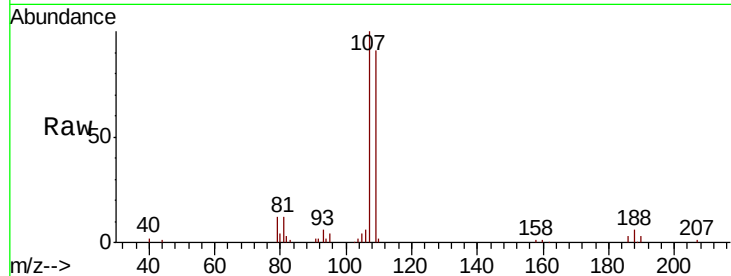




#61
 1,2-Dibromoethane
 Concen: 51.747 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

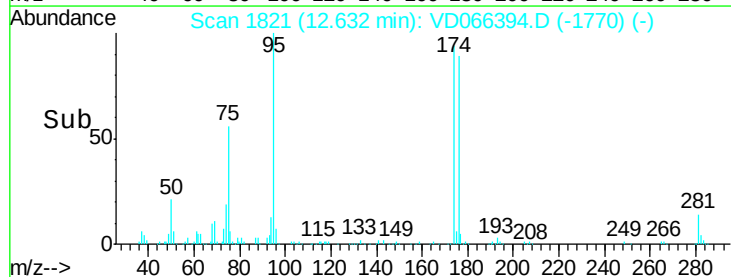
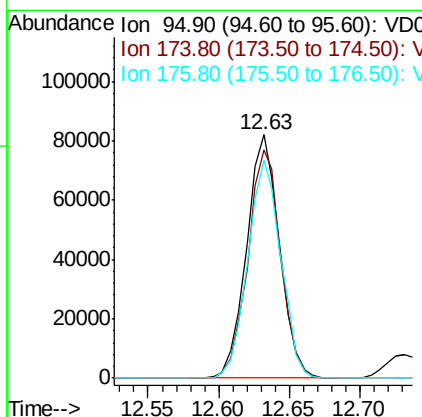
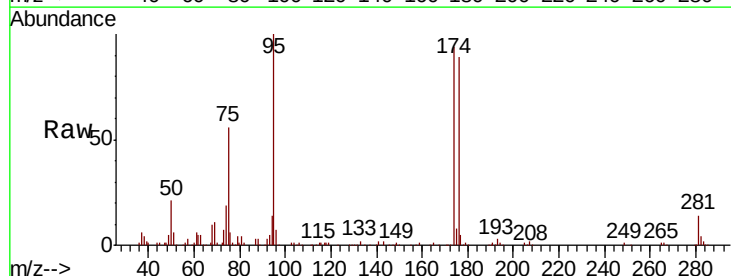
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

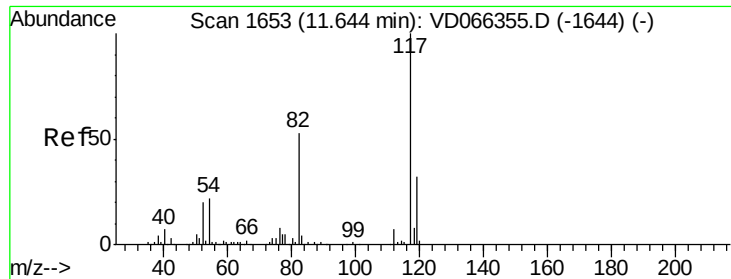
Tot Ion:107 Resp: 68999
 Ion Ratio Lower Upper
 107 100
 109 92.5 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 55.880 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion: 95 Resp: 134013
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 183.4
 176 90.3 0.0 173.8

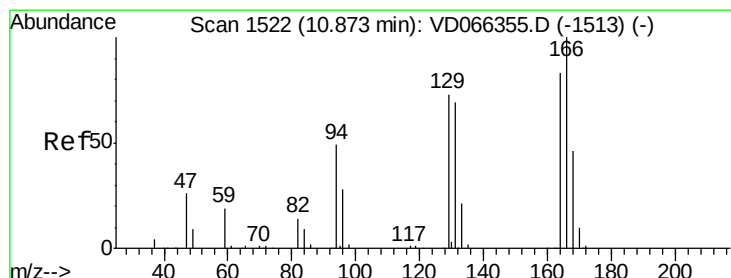
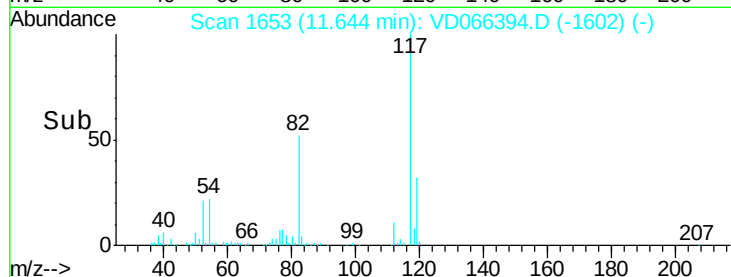
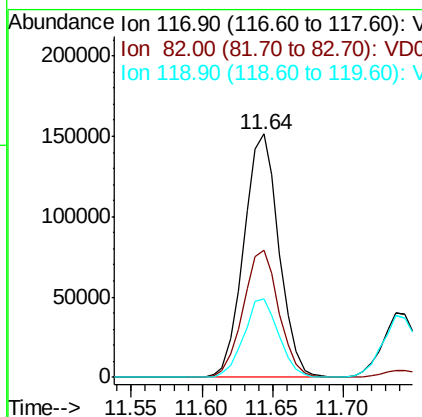
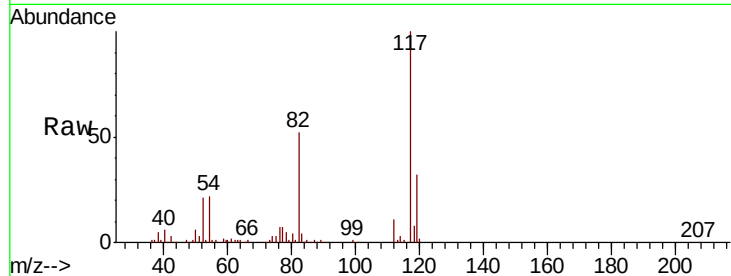




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

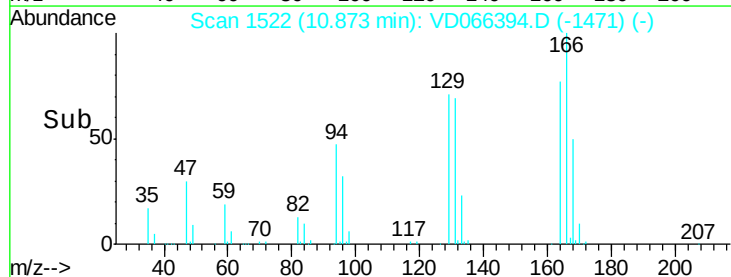
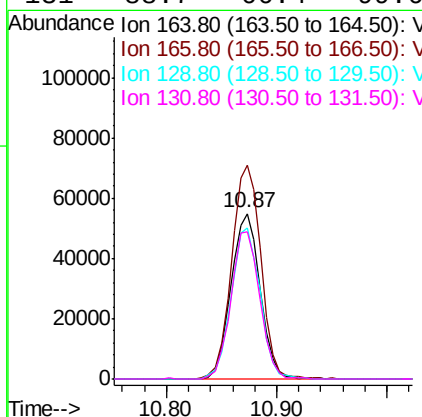
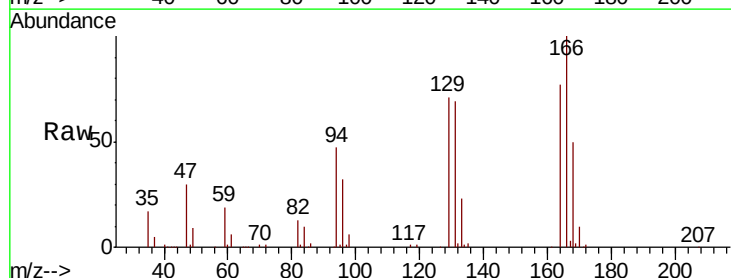
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

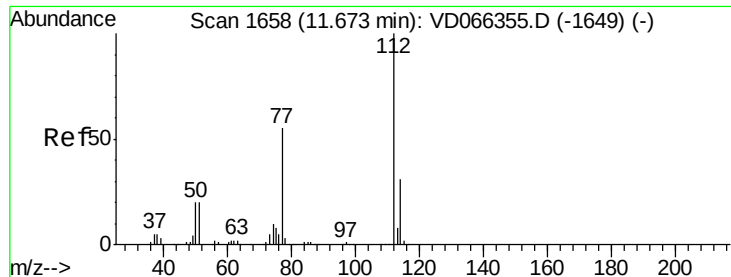
Tot Ion:117 Resp: 264132
Ion Ratio Lower Upper
117 100
82 52.2 42.8 64.2
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 50.628 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion:164 Resp: 101443
Ion Ratio Lower Upper
164 100
166 129.2 96.2 144.4
129 91.6 70.3 105.5
131 88.7 66.4 99.6





#65

Chlorobenzene

Concen: 52.888 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

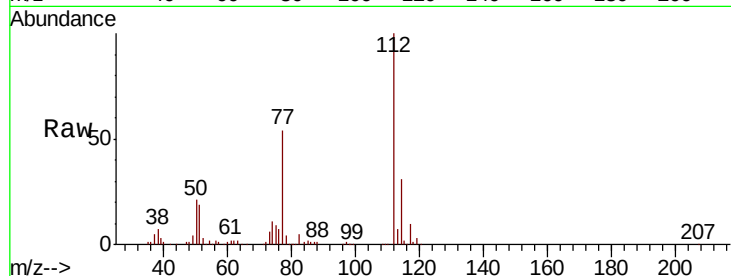
VSTDCCC050

Tot Ion:112 Resp: 277922

Ion Ratio Lower Upper

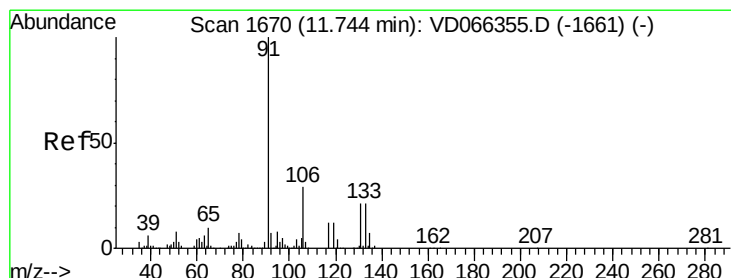
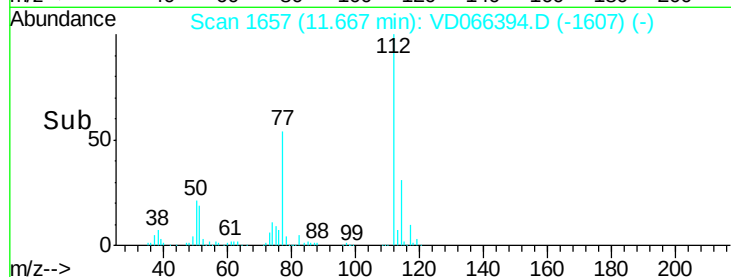
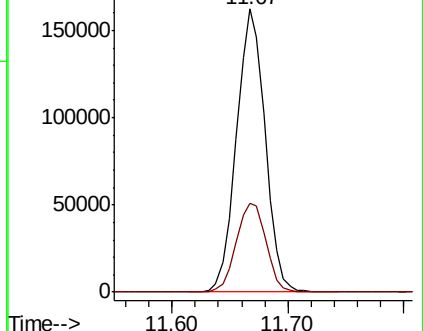
112 100

114 31.3 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.924 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

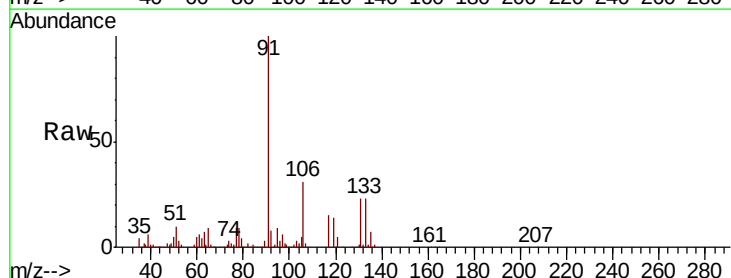
Tgt Ion:131 Resp: 113656

Ion Ratio Lower Upper

131 100

133 95.5 48.6 145.9

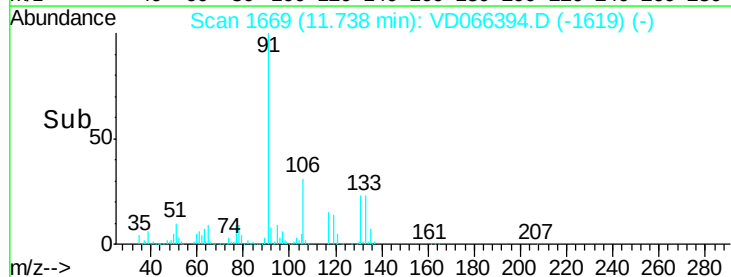
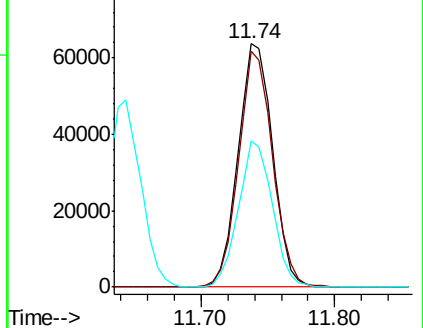
119 59.1 29.0 87.1

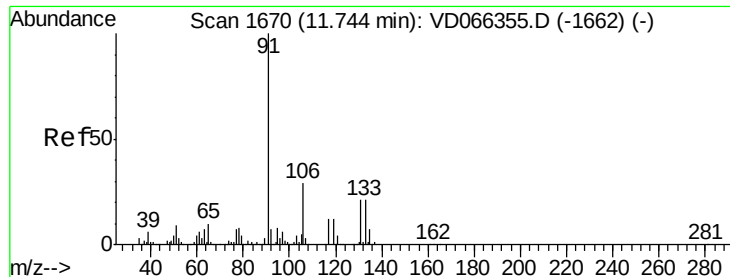


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 53.166 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

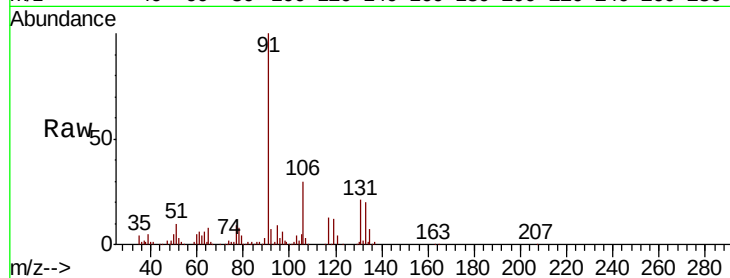
VSTDCCC050

Tot Ion: 91 Resp: 491789

Ion Ratio Lower Upper

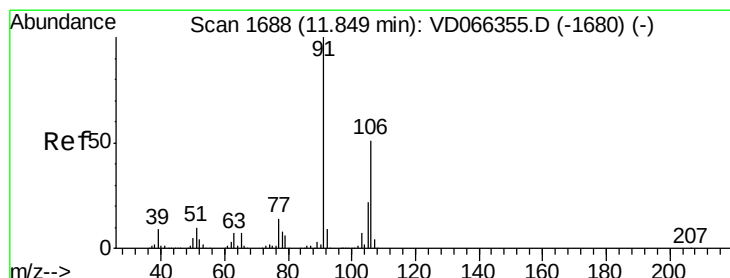
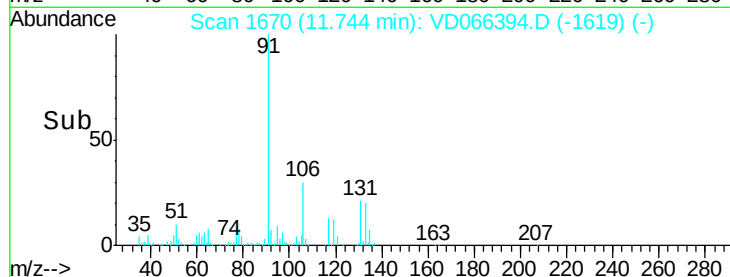
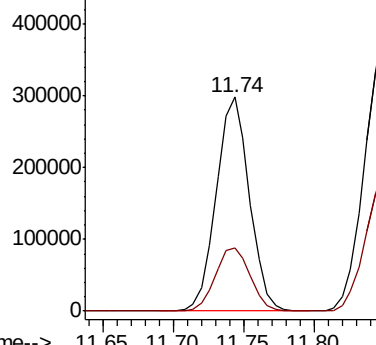
91 100

106 29.9 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 106.389 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066394.D

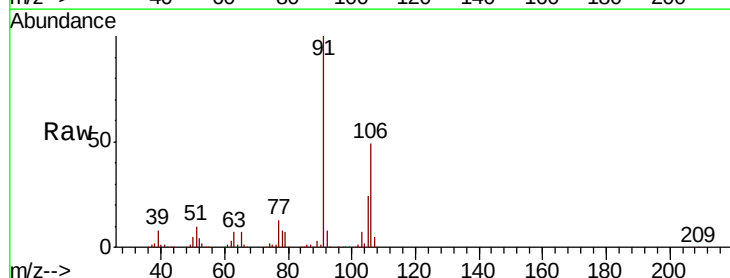
Acq: 25 Aug 2020 11:11

Tgt Ion: 106 Resp: 375092

Ion Ratio Lower Upper

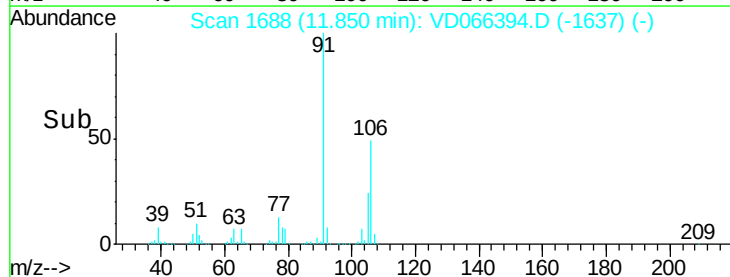
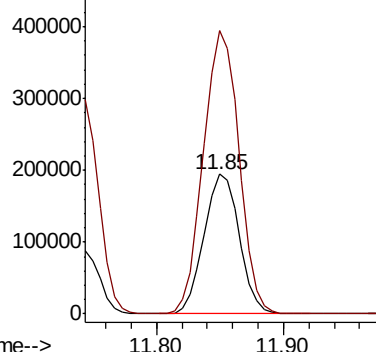
106 100

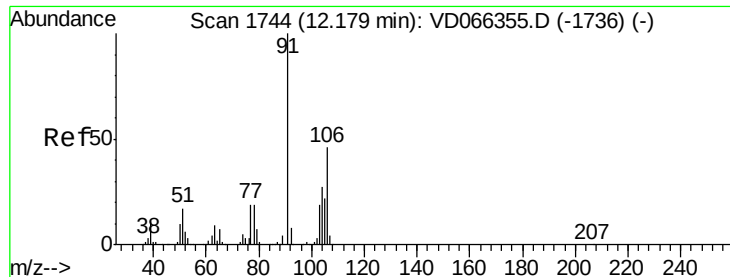
91 205.1 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

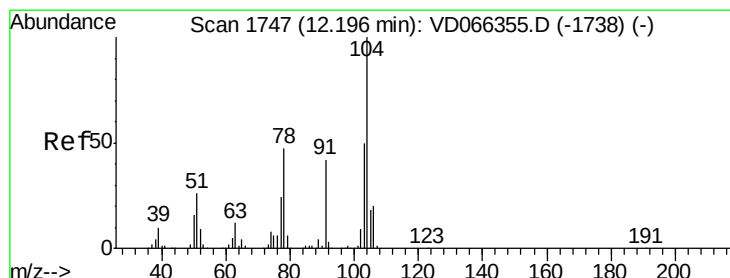
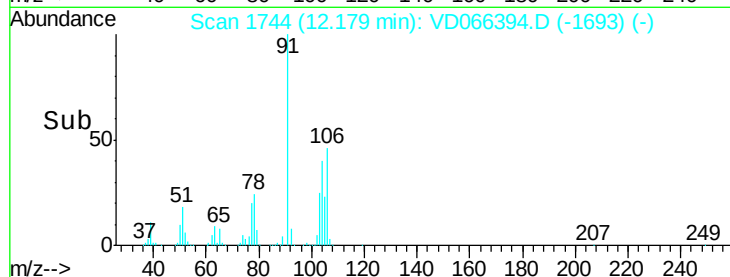
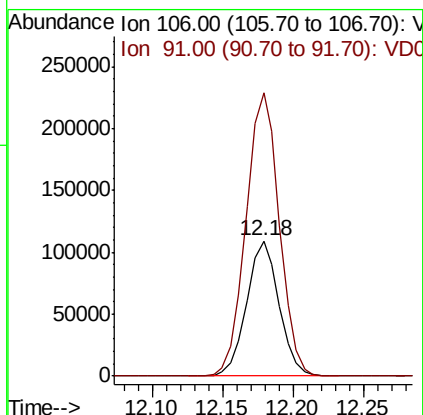
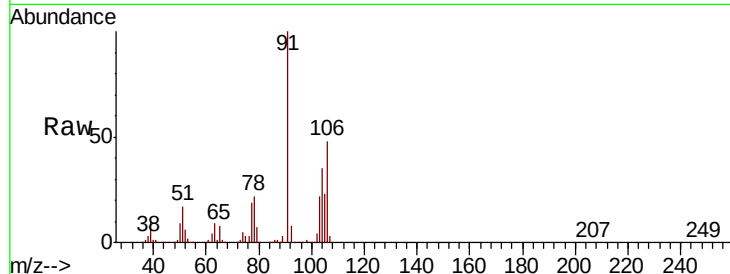




#69
o-Xylene
Concen: 53.328 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

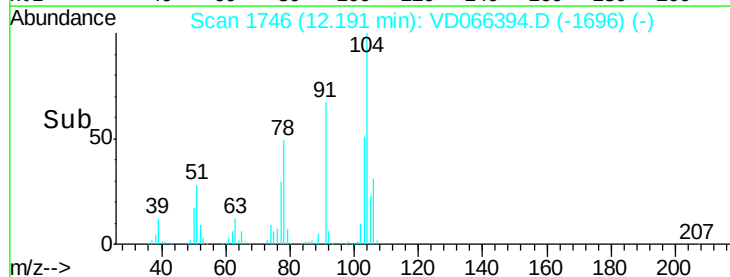
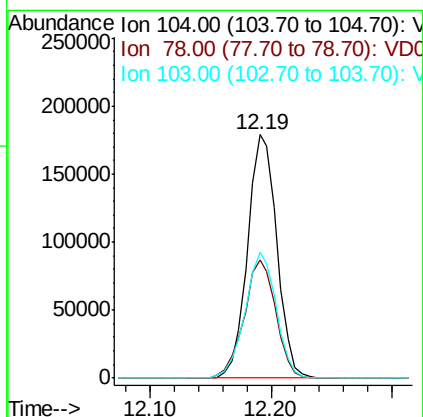
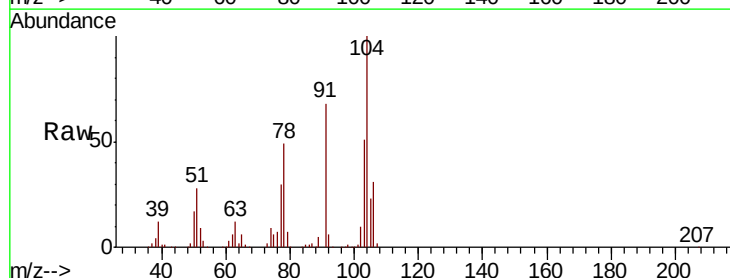
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

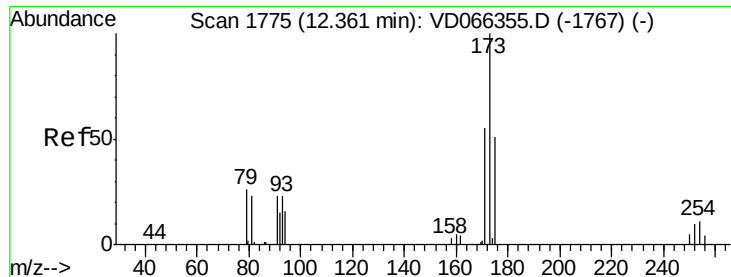
Tot Ion:106 Resp: 174911
Ion Ratio Lower Upper
106 100
91 216.6 109.1 327.3



#70
Styrene
Concen: 53.730 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion:104 Resp: 302594
Ion Ratio Lower Upper
104 100
78 52.8 41.7 62.5
103 55.0 43.5 65.3





#71

Bromoform

Concen: 52.548 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

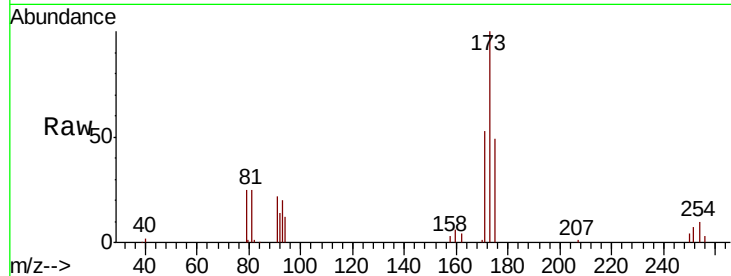
Tot Ion:173 Resp: 64024

Ion Ratio Lower Upper

173 100

175 48.5 24.8 74.3

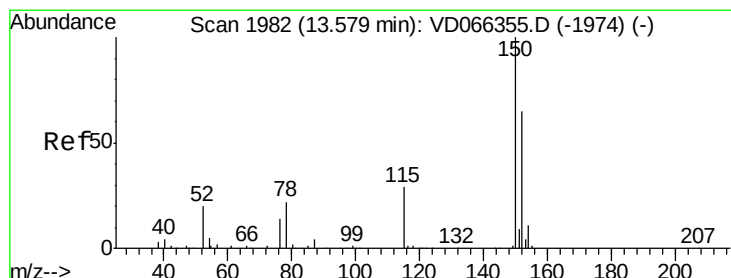
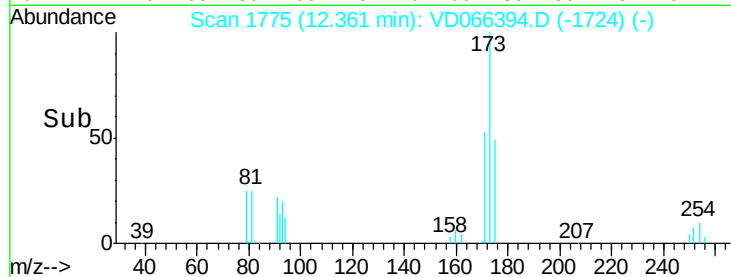
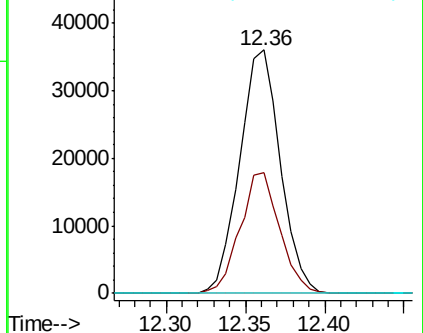
254 0.0 0.0 0.0



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: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

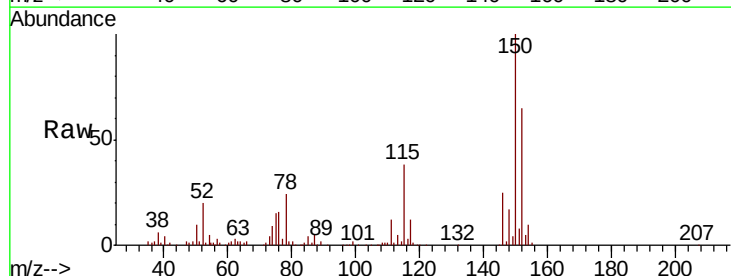
Tgt Ion:152 Resp: 138828

Ion Ratio Lower Upper

152 100

115 56.6 28.3 85.0

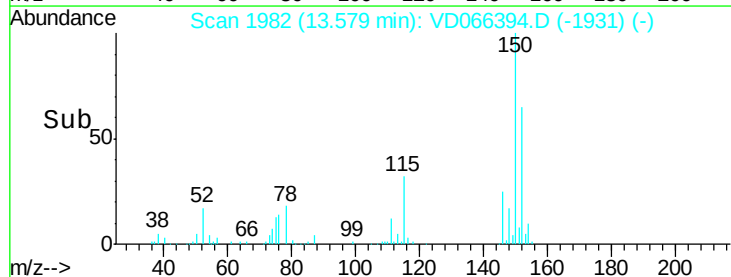
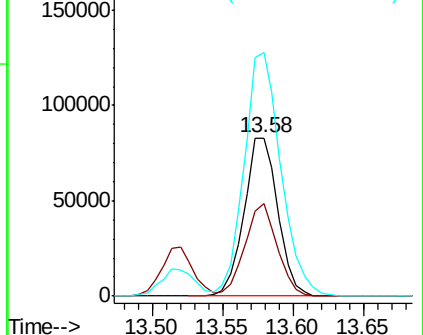
150 167.8 0.0 343.2

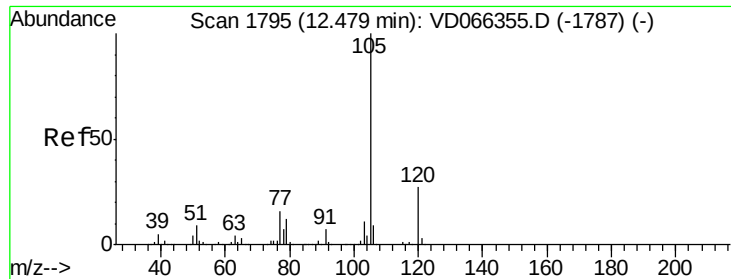


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.026 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

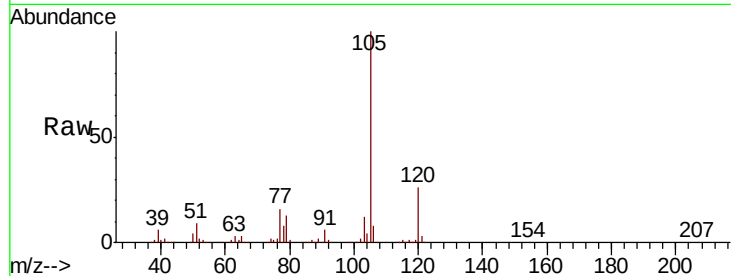
VSTDCCC050

Tot Ion:105 Resp: 493138

Ion Ratio Lower Upper

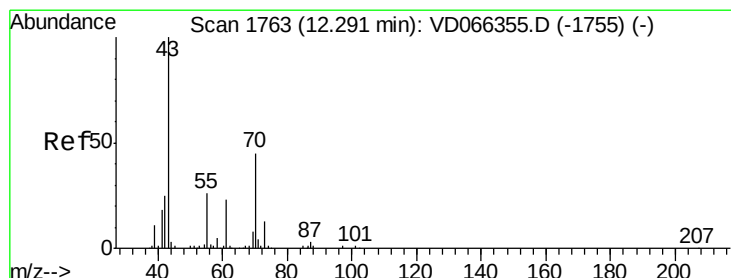
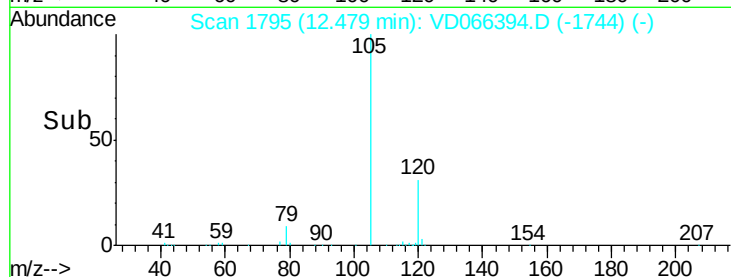
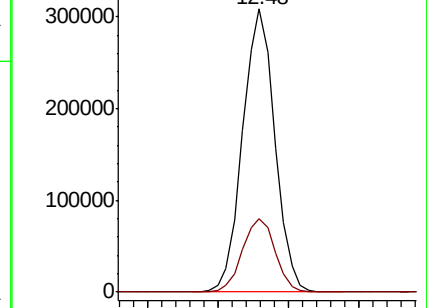
105 100

120 26.5 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: 50.093 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Tgt Ion: 43 Resp: 84140

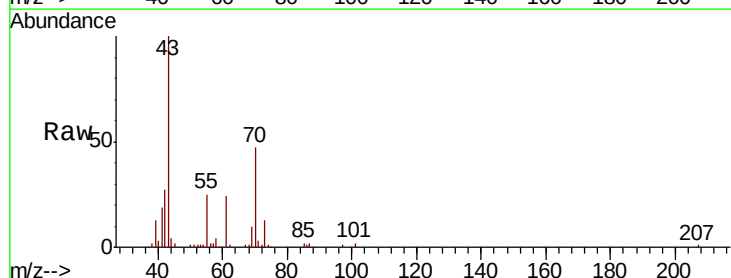
Ion Ratio Lower Upper

43 100

70 45.9 34.8 52.2

55 26.0 20.3 30.5

61 23.7 19.0 28.6

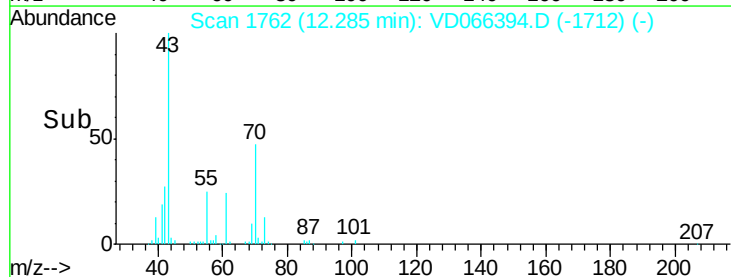
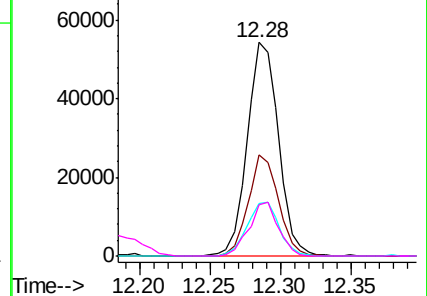


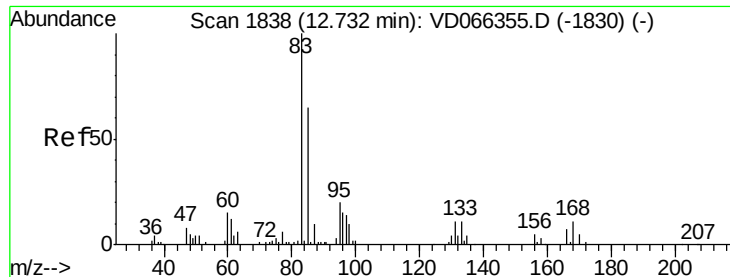
Abundance Ion 43.00 (42.70 to 43.70): V

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: 49.801 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

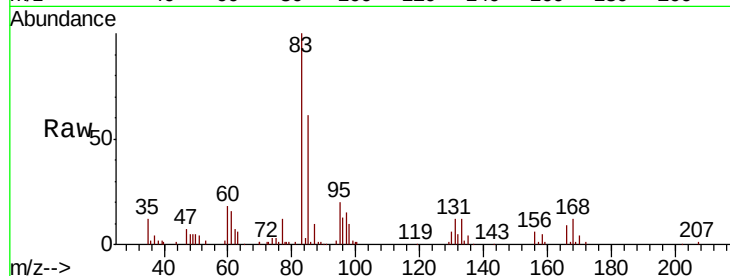
Tot Ion: 83 Resp: 66163

Ion Ratio Lower Upper

83 100

131 14.4 7.0 20.9

85 66.2 32.4 97.0



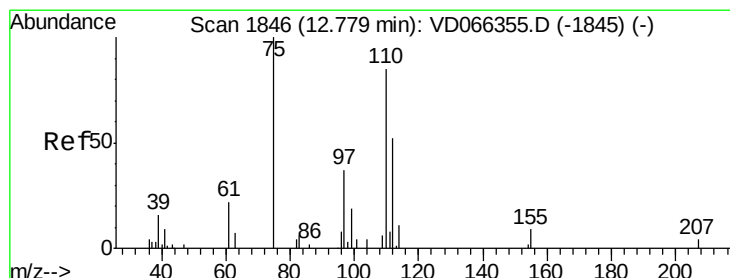
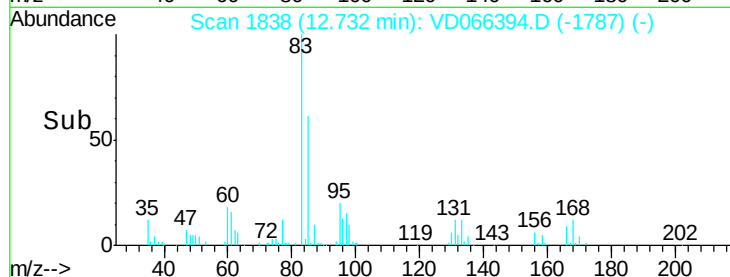
Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC

12.73

Time-->



#76

1,2,3-Trichloropropane

Concen: 100.544 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066394.D

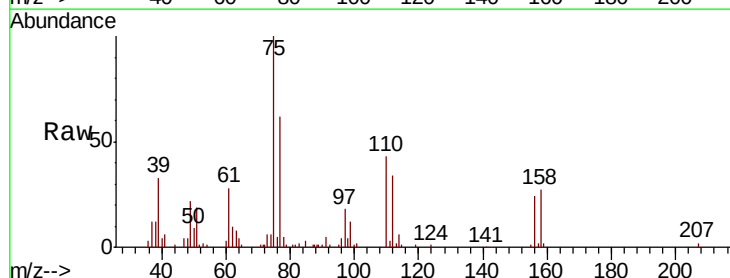
Acq: 25 Aug 2020 11:11

Tgt Ion: 75 Resp: 98197

Ion Ratio Lower Upper

75 100

77 0.0 182.9 548.9#

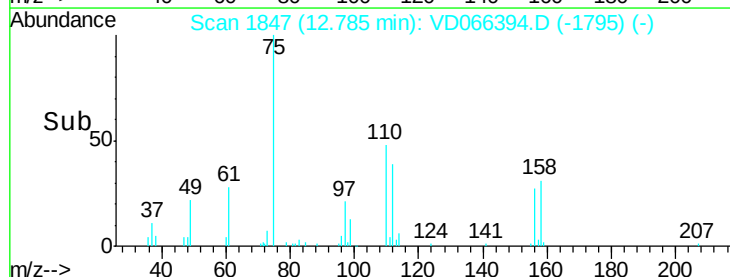


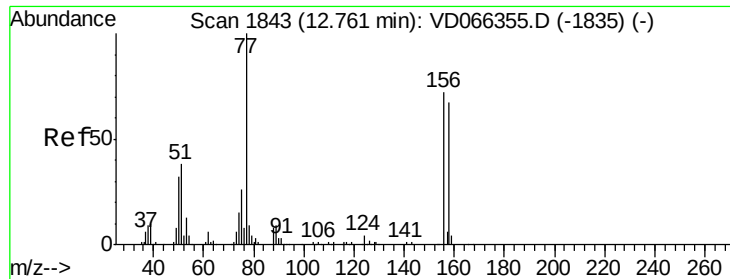
Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.78

Time-->





#77

Bromobenzene

Concen: 52.686 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

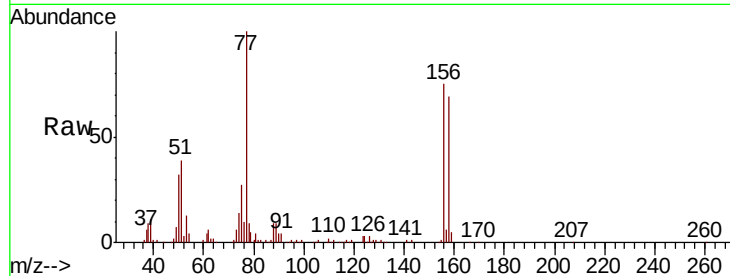
Tot Ion:156 Resp: 124363

Ion Ratio Lower Upper

156 100

77 149.6 76.1 228.3

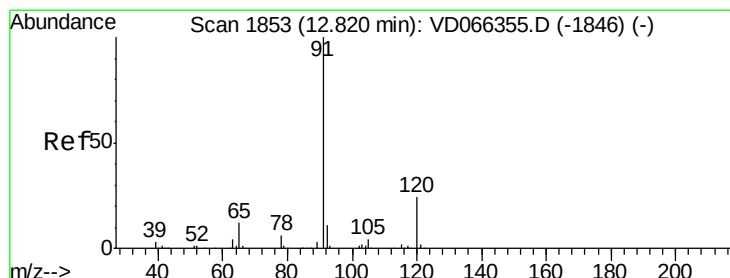
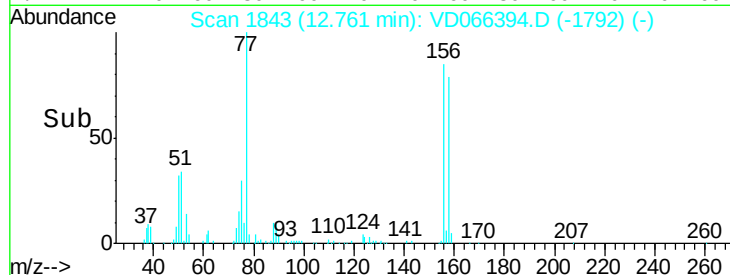
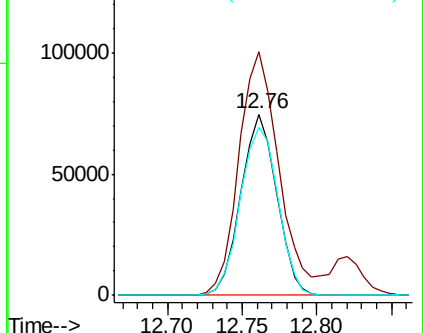
158 97.6 47.6 142.9



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: 52.307 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066394.D

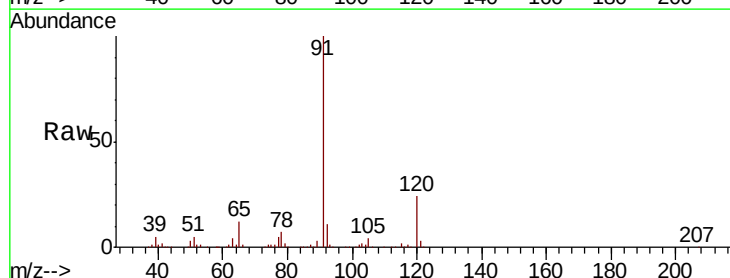
Acq: 25 Aug 2020 11:11

Tgt Ion: 91 Resp: 557768

Ion Ratio Lower Upper

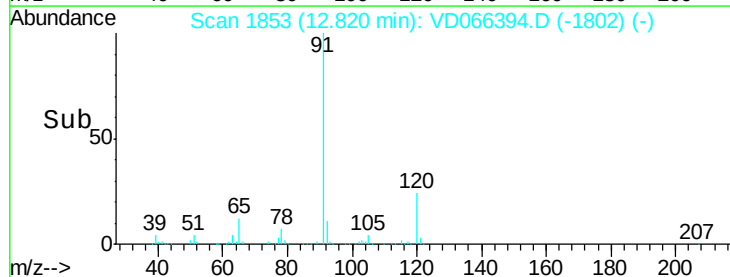
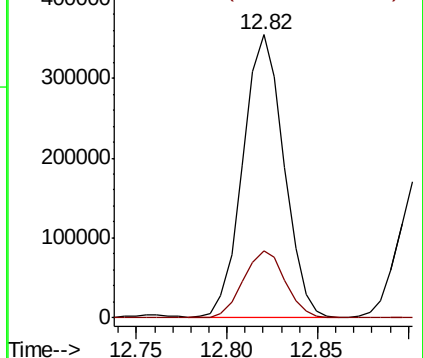
91 100

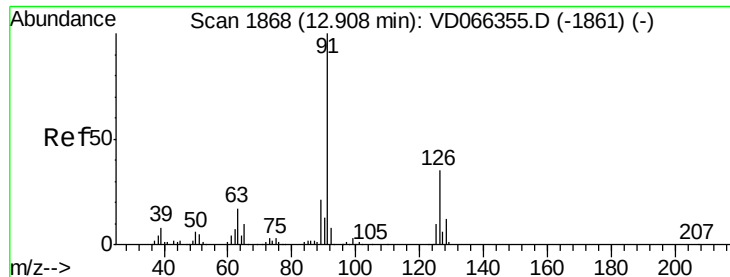
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.982 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

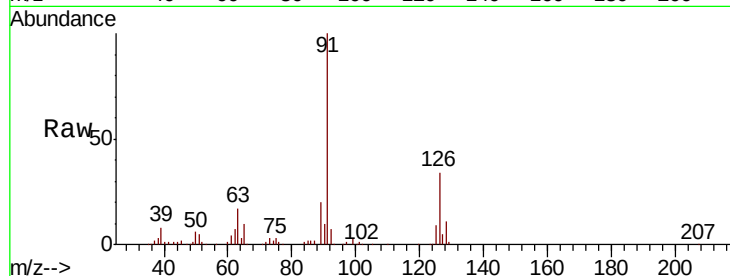
VSTDCCC050

Tot Ion: 91 Resp: 322676

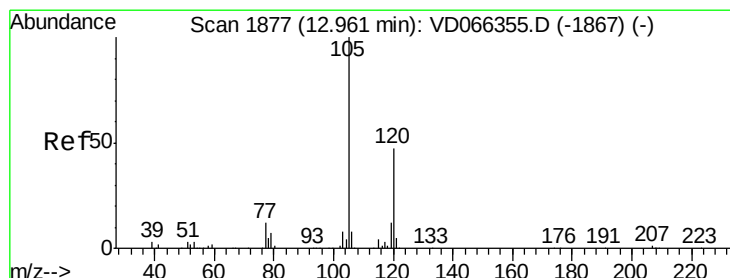
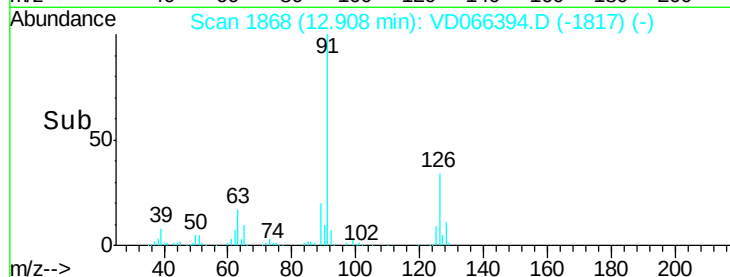
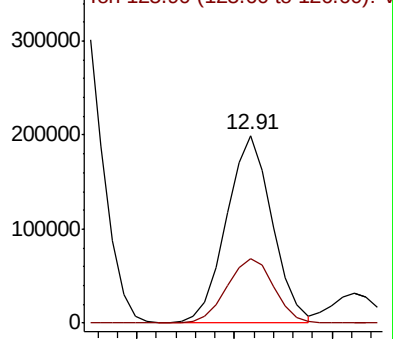
Ion Ratio Lower Upper

91 100

126 35.5 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 53.623 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066394.D

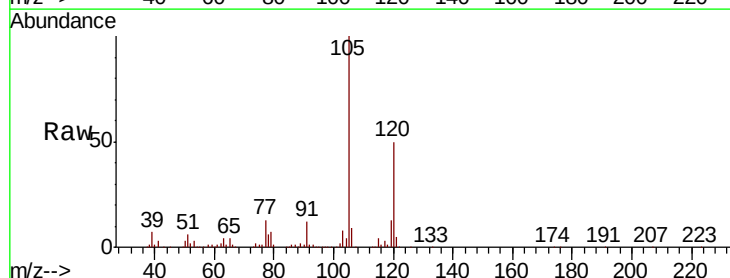
Acq: 25 Aug 2020 11:11

Tgt Ion:105 Resp: 430578

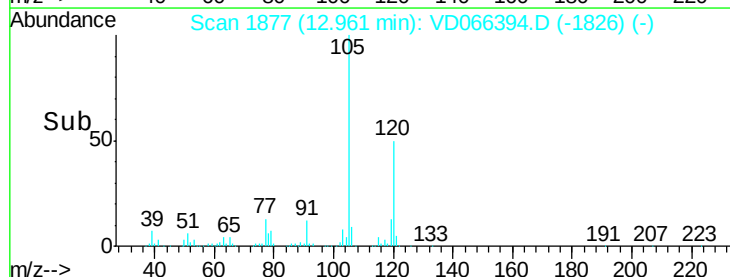
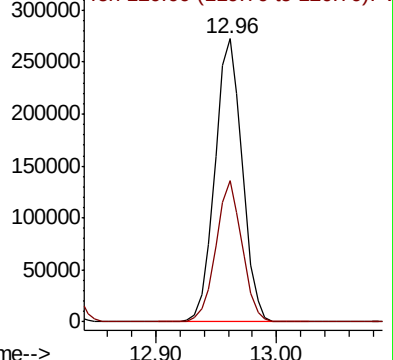
Ion Ratio Lower Upper

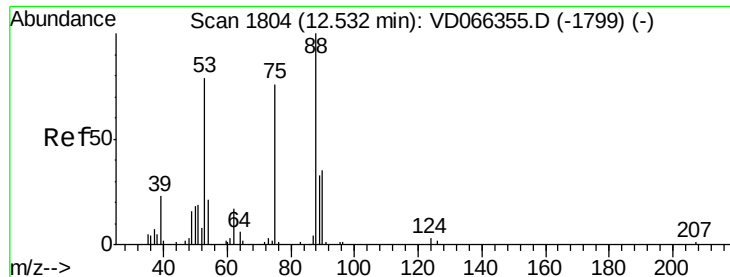
105 100

120 47.6 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.860 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

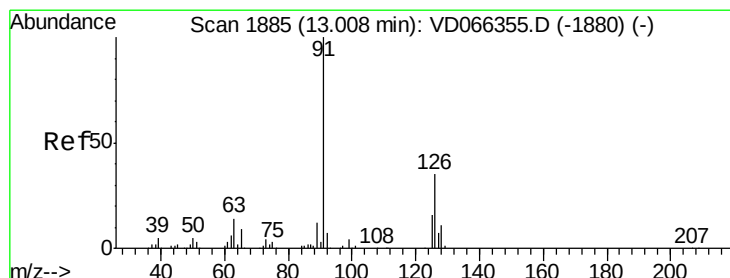
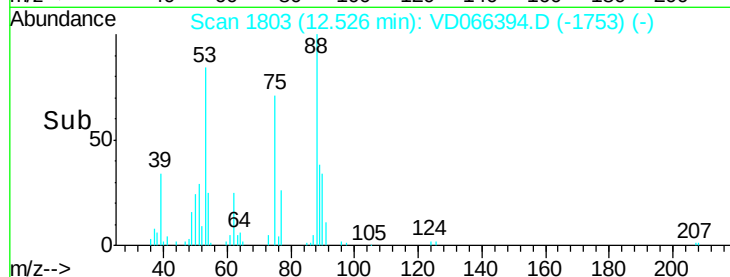
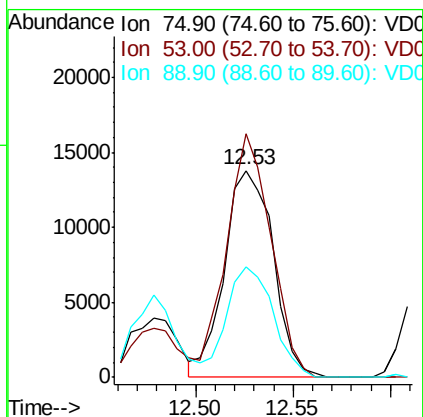
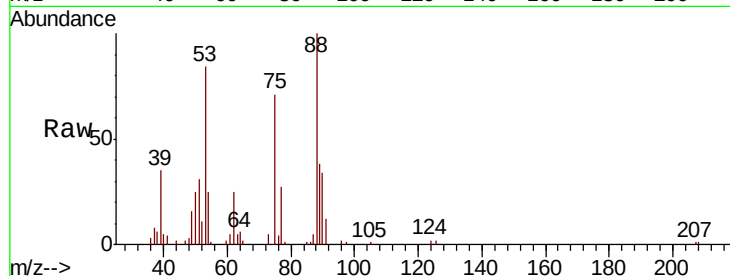
Tot Ion: 75 Resp: 23861

Ion Ratio Lower Upper

75 100

53 106.8 87.4 131.2

89 51.1 39.4 59.0



#82

4-Chlorotoluene

Concen: 52.583 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066394.D

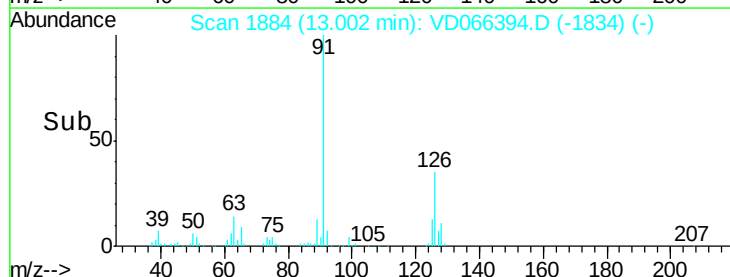
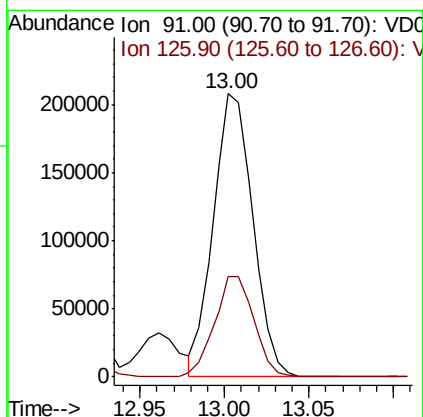
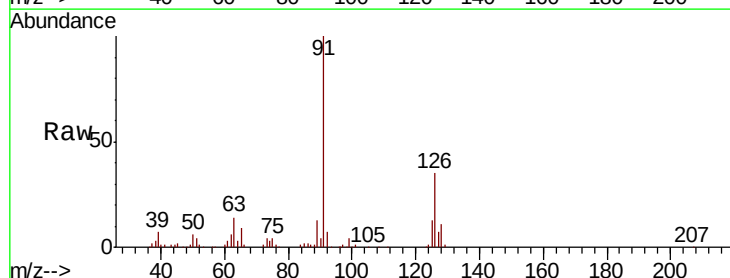
Acq: 25 Aug 2020 11:11

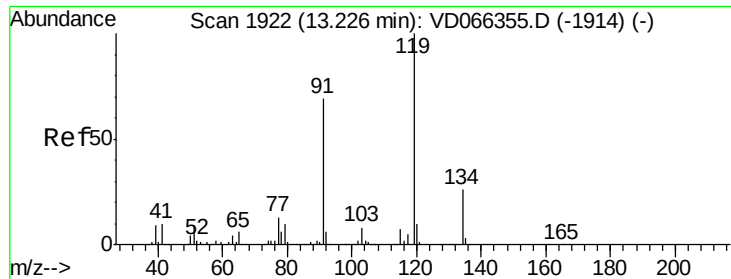
Tgt Ion: 91 Resp: 339294

Ion Ratio Lower Upper

91 100

126 35.8 17.4 52.2

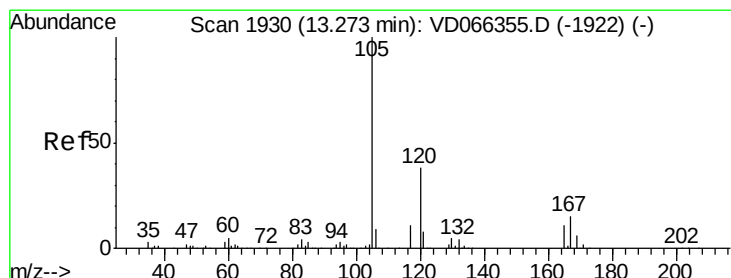
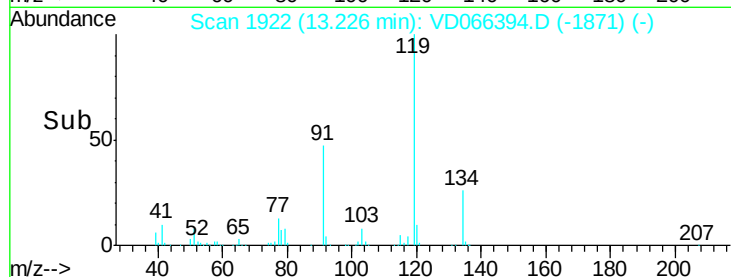
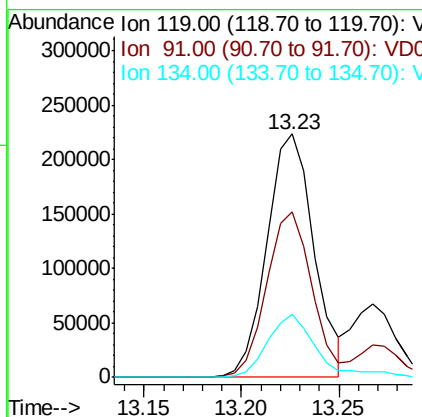
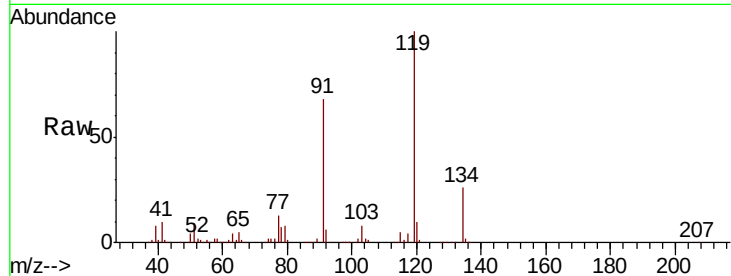




#83
 tert-Butylbenzene
 Concen: 53.571 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

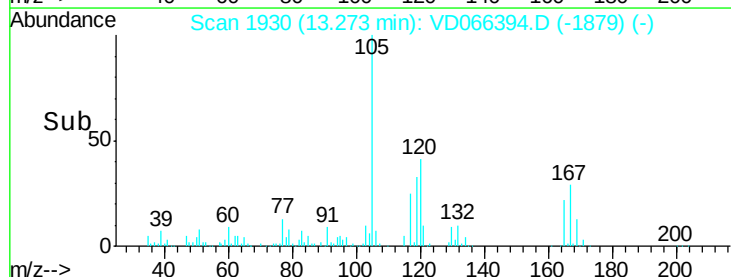
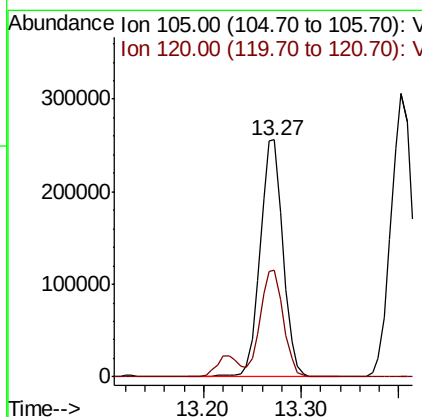
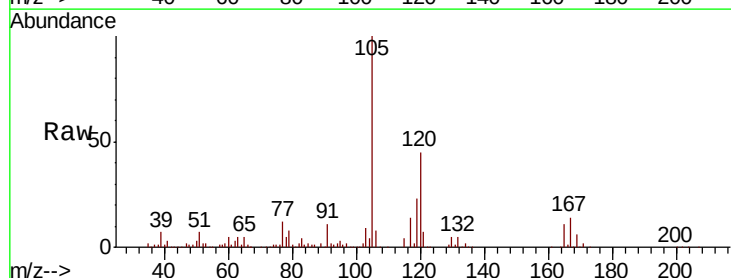
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

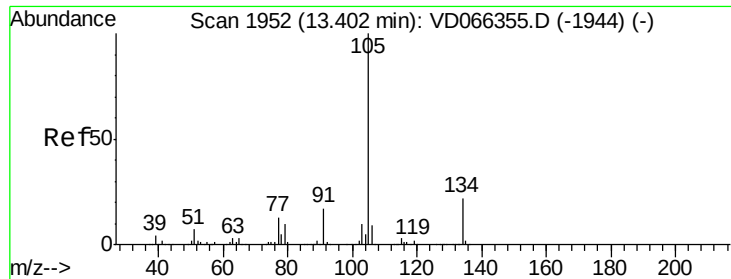
Tot Ion:119 Resp: 373632
 Ion Ratio Lower Upper
 119 100
 91 65.0 33.5 100.5
 134 26.8 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.607 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion:105 Resp: 422794
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.7





#85

sec-Butylbenzene

Concen: 52.776 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

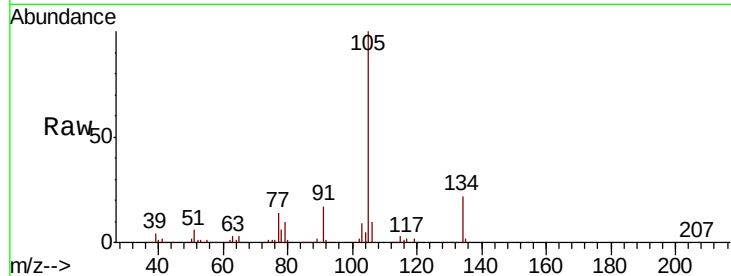
VSTDCCC050

Tot Ion:105 Resp: 482269

Ion Ratio Lower Upper

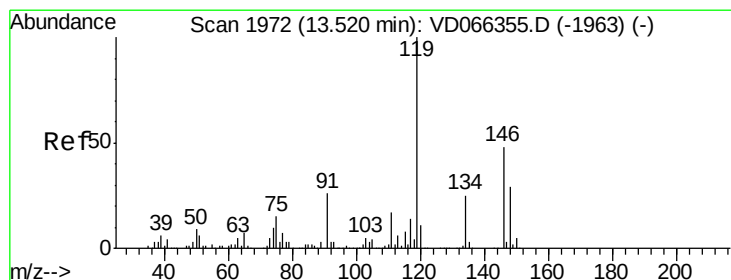
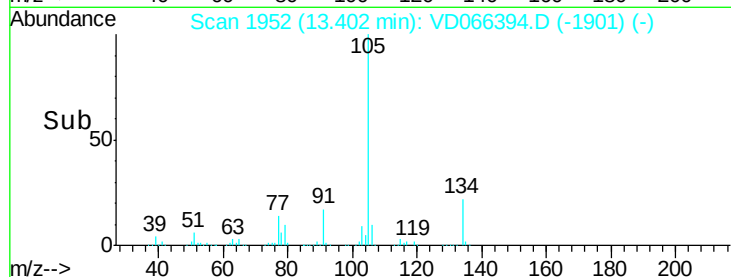
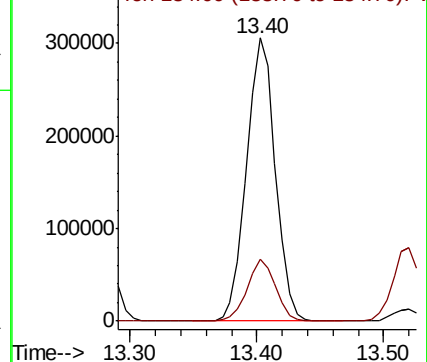
105 100

134 21.4 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: 53.238 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

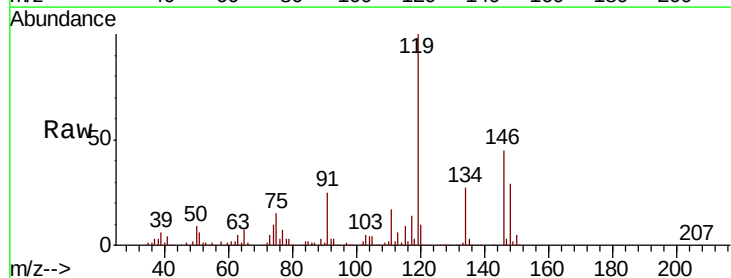
Tgt Ion:119 Resp: 469099

Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.3

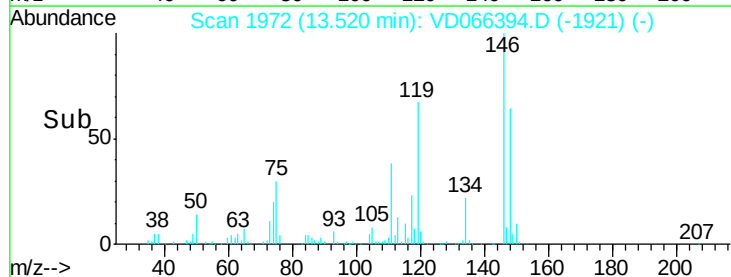
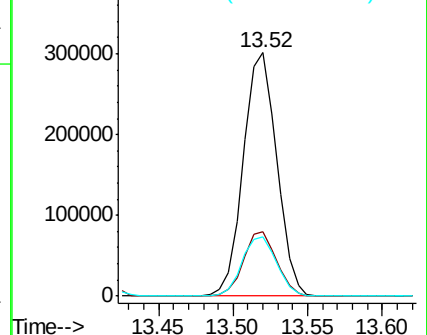
91 25.2 12.7 38.0

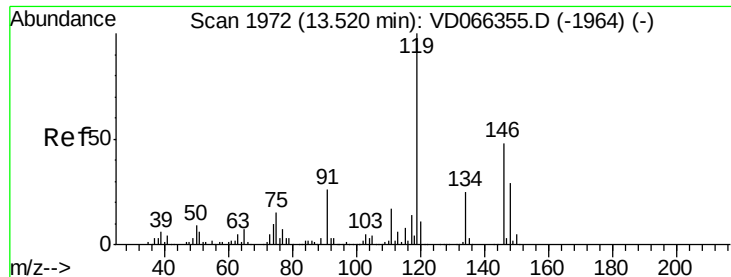


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

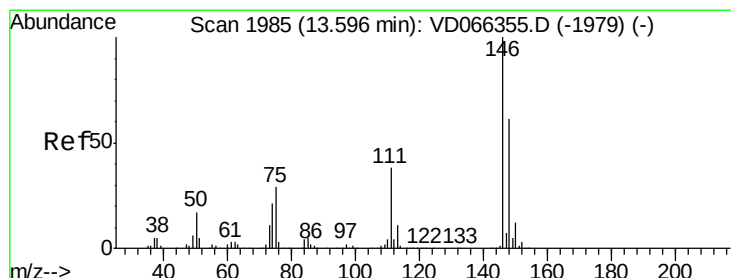
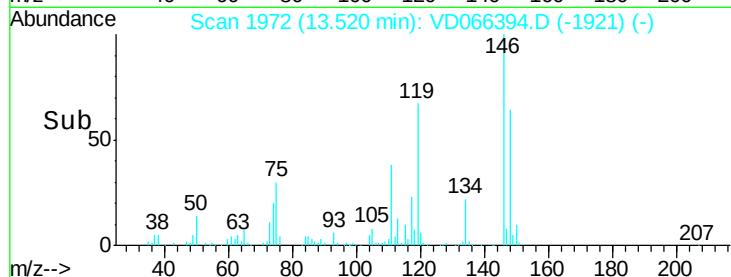
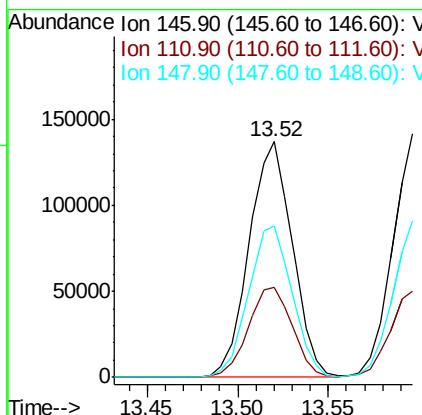
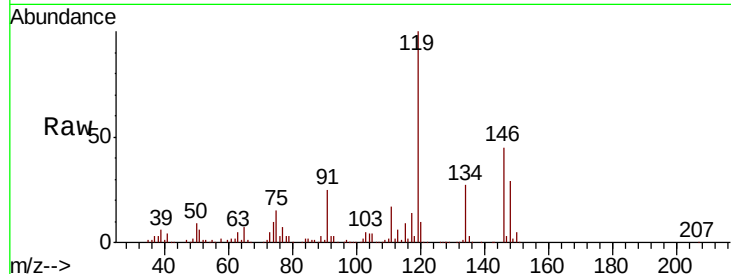




#87
 1,3-Dichlorobenzene
 Concen: 51.537 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

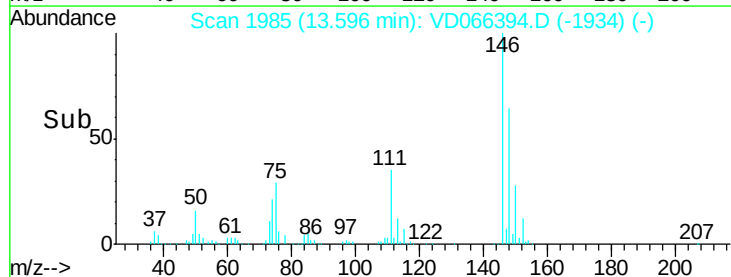
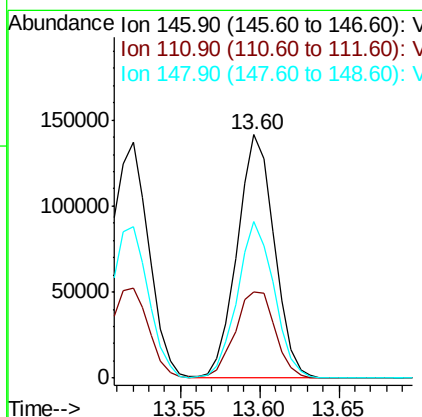
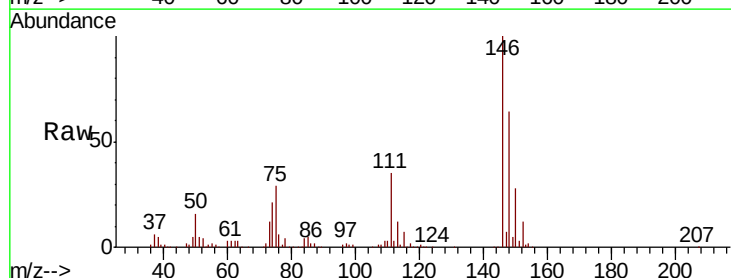
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

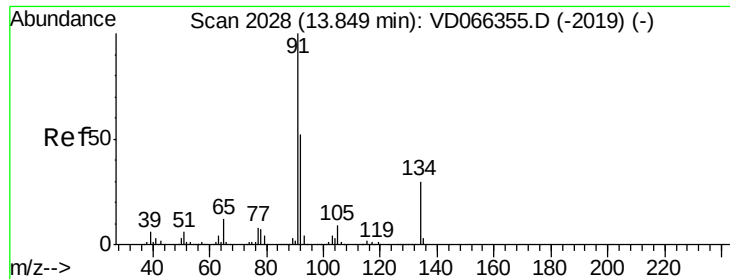
Tot Ion:146 Resp: 227083
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.9 56.9
 148 64.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.888 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion:146 Resp: 229558
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.5
 148 64.0 32.1 96.3

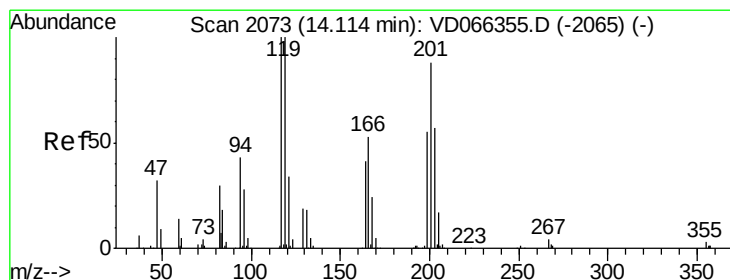
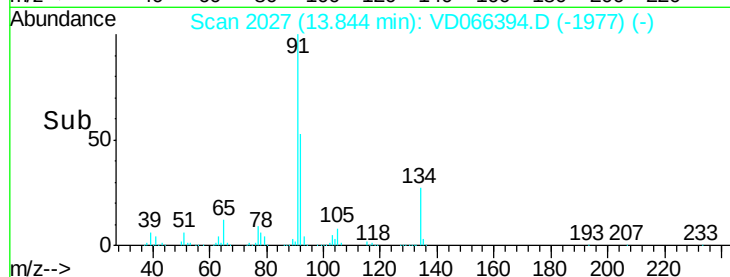
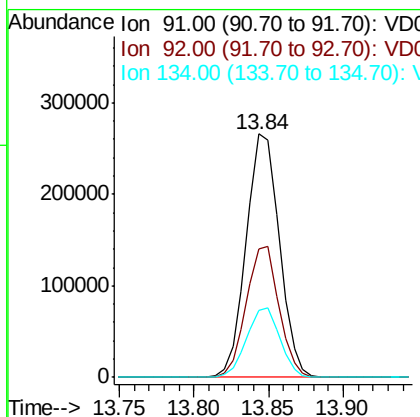
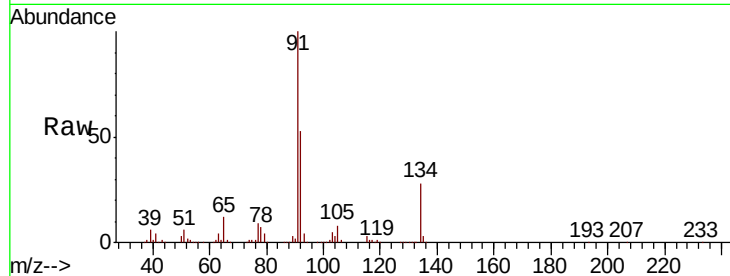




#89
n-Butylbenzene
Concen: 52.700 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

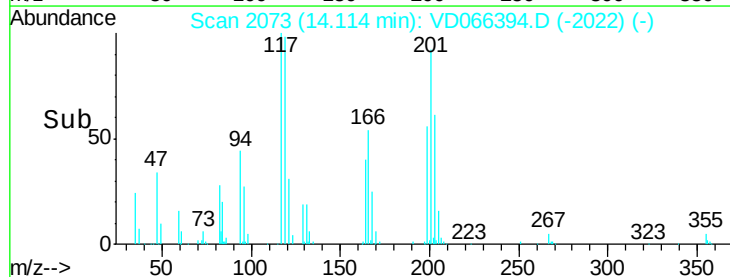
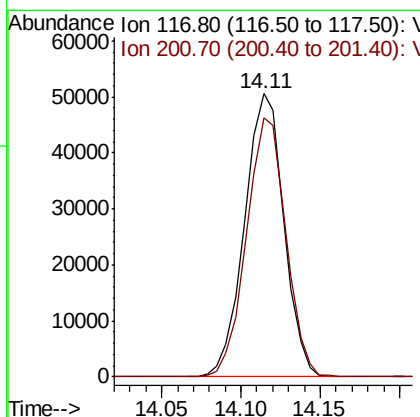
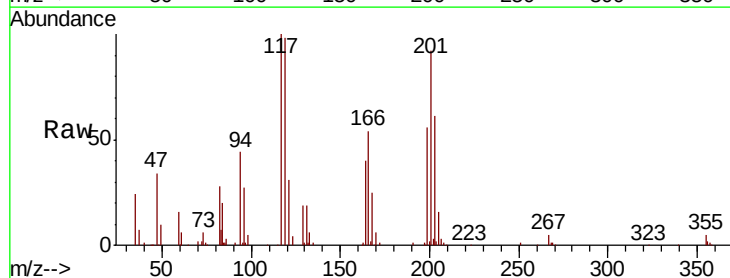
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

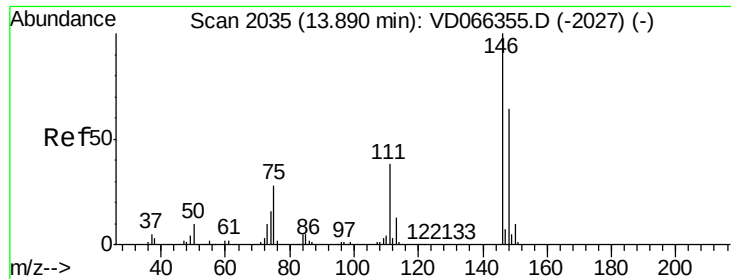
Tot Ion: 91 Resp: 409765
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 28.5 14.4 43.4



#90
Hexachloroethane
Concen: 50.100 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion: 117 Resp: 87203
Ion Ratio Lower Upper
117 100
201 91.6 45.4 136.2

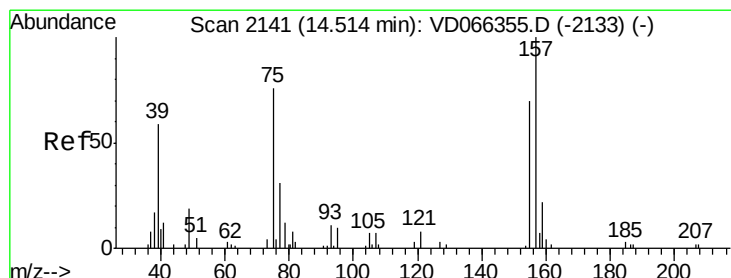
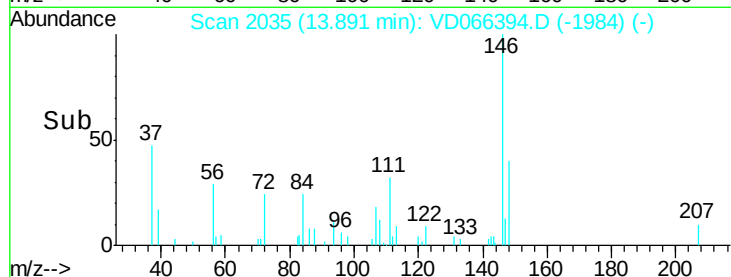
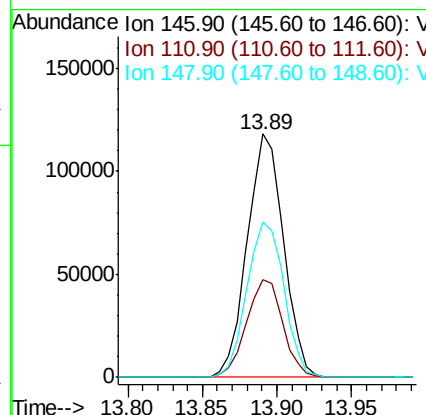
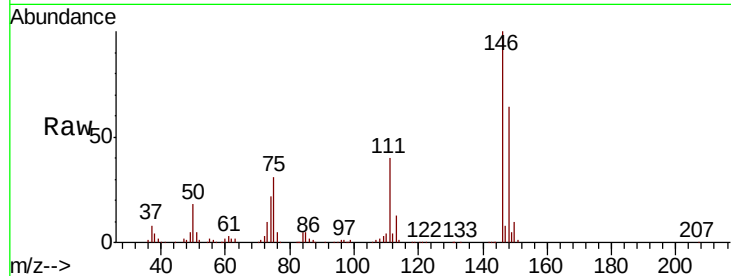




#91
 1,2-Dichlorobenzene
 Concen: 52.473 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

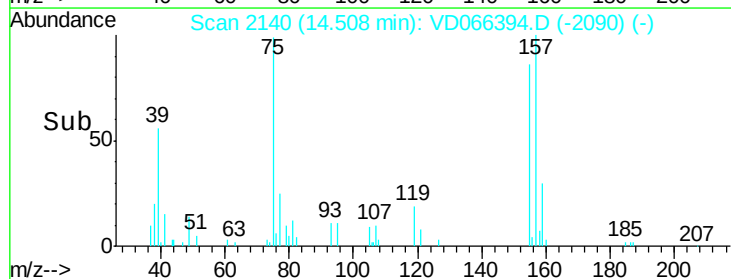
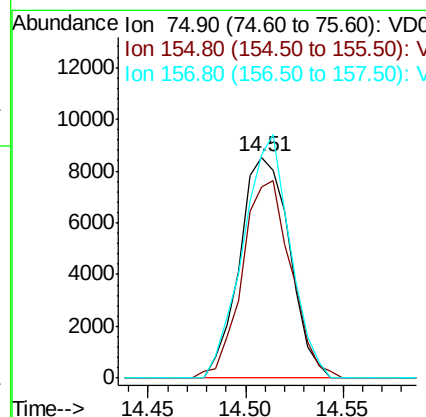
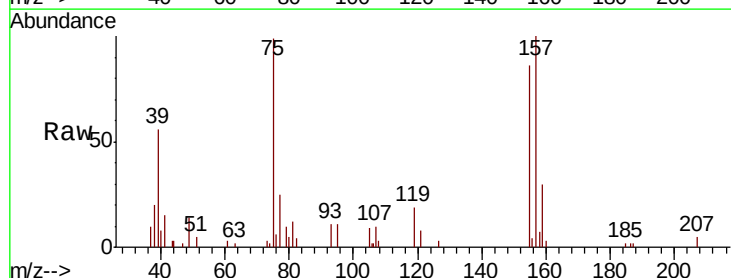
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

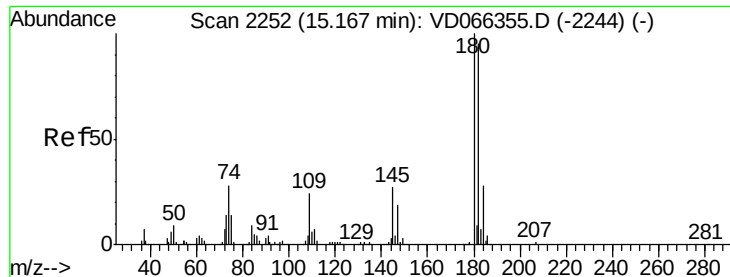
Tot Ion:146 Resp: 199037
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.9 59.7
 148 65.1 32.6 97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.371 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion: 75 Resp: 15150
 Ion Ratio Lower Upper
 75 100
 155 87.5 46.9 140.6
 157 103.4 61.0 183.0

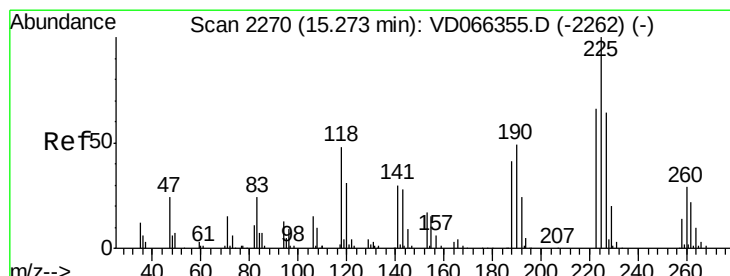
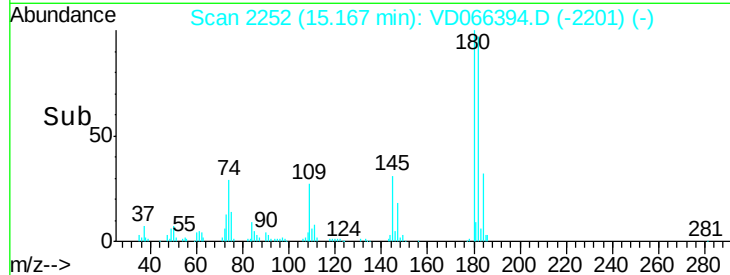
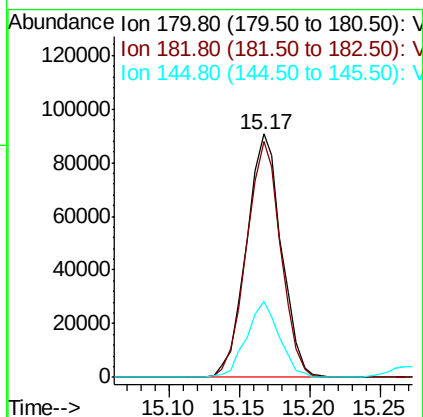
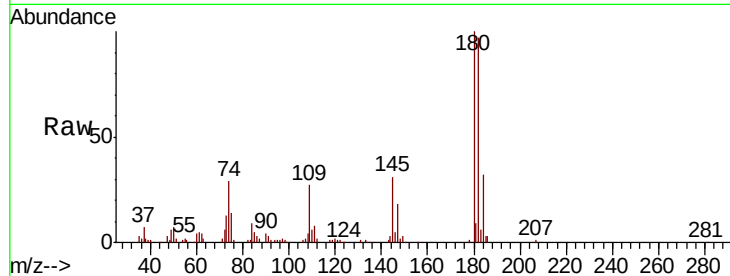




#93
 1,2,4-Trichlorobenzene
 Concen: 53.210 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

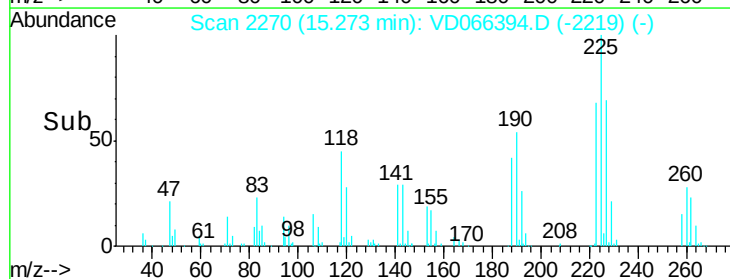
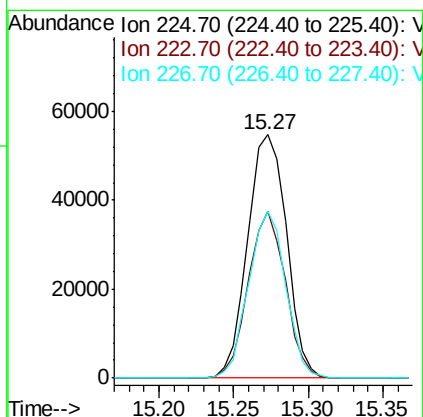
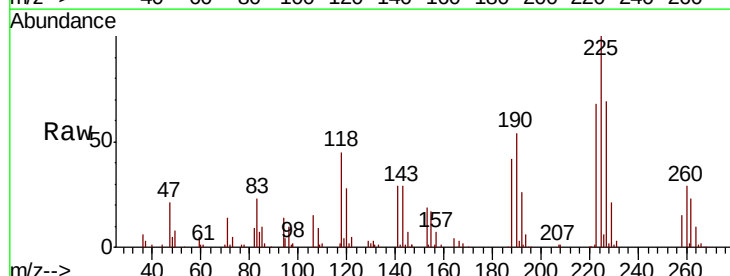
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

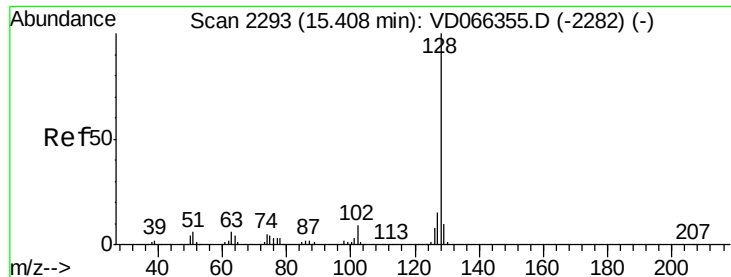
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.0	144.0
145	29.3	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 53.707 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	32.5	97.4
227	65.4	33.0	98.9

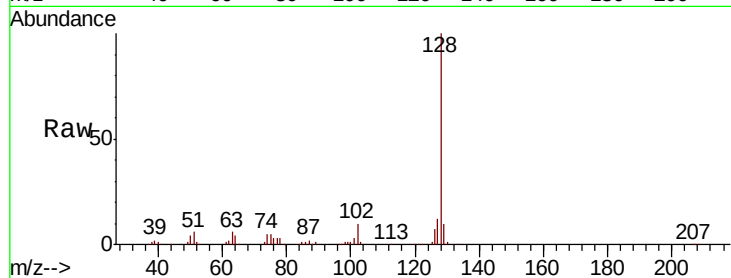




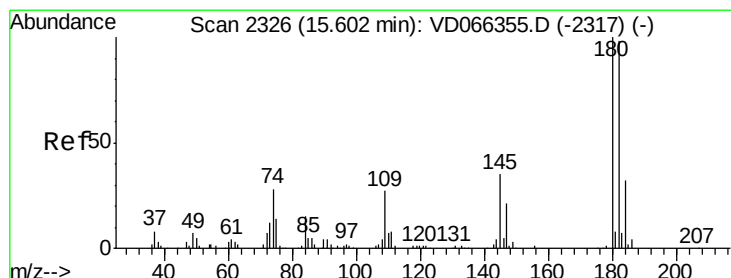
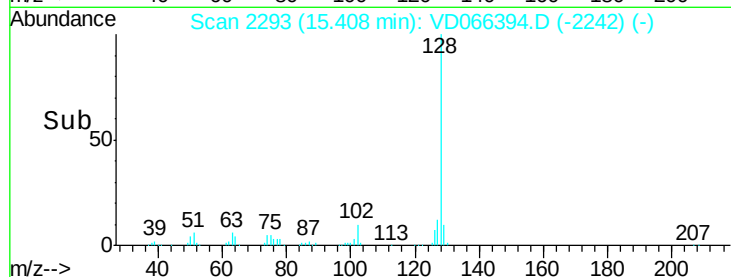
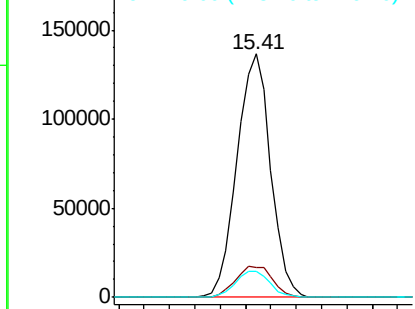
#95
Naphthalene
Concen: 53.897 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 250679
Ion Ratio Lower Upper
128 100
127 14.1 10.7 16.1
129 10.9 8.6 12.8

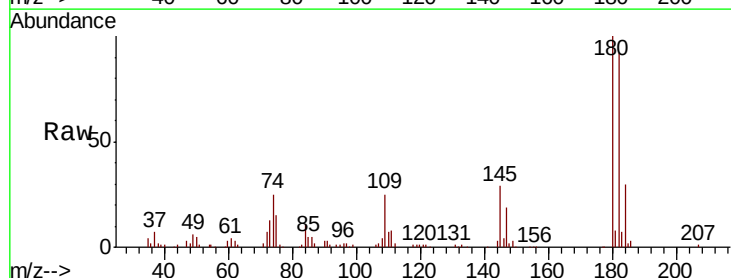


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 53.265 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion:180 Resp: 135119
Ion Ratio Lower Upper
180 100
182 96.7 46.7 140.0
145 31.2 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

