

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066372.D
 Acq On : 24 Aug 2020 10:31
 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 25 02:39:56 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	202928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	275419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	254707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	133020	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	108001	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
35) Dibromofluoromethane	7.91	113	91240	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
50) Toluene-d8	10.34	98	342993	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
62) 4-Bromofluorobenzene	12.63	95	119444	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	79178	45.895	ug/l	99
3) Chloromethane	2.20	50	56067	45.848	ug/l	97
4) Vinyl Chloride	2.35	62	61268	46.664	ug/l	98
5) Bromomethane	2.77	94	48561	49.448	ug/l	96
6) Chloroethane	2.92	64	41915	49.856	ug/l	97
7) Trichlorofluoromethane	3.27	101	180285	50.496	ug/l	99
8) Diethyl Ether	3.71	74	37995	47.497	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	84762	48.106	ug/l	99
10) Methyl Iodide	4.29	142	86463	43.025	ug/l	97
11) Tert butyl alcohol	5.22	59	29359	259.020	ug/l #	88
12) 1,1-Dichloroethene	4.07	96	77235	46.698	ug/l	86
13) Acrolein	3.91	56	17817	201.672	ug/l	92
14) Allyl chloride	4.71	41	100998	45.751	ug/l	96
15) Acrylonitrile	5.42	53	76510	238.380	ug/l	98
16) Acetone	4.14	43	107084	298.555	ug/l	91
17) Carbon Disulfide	4.41	76	233721	46.629	ug/l	99
18) Methyl Acetate	4.71	43	31078	46.166	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	202097	50.746	ug/l	97
20) Methylene Chloride	4.96	84	86948	44.692	ug/l #	93
21) trans-1,2-Dichloroethene	5.47	96	91338	47.442	ug/l	97
22) Diisopropyl ether	6.35	45	200132	46.824	ug/l	94
23) Vinyl Acetate	6.30	43	648192	244.974	ug/l	98
24) 1,1-Dichloroethane	6.27	63	142892	47.308	ug/l	99
25) 2-Butanone	7.20	43	105091	258.092	ug/l	98
26) 2,2-Dichloropropane	7.20	77	164137	50.702	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	99698	48.328	ug/l	100
28) Bromochloromethane	7.54	49	54822	52.692	ug/l #	1
29) Tetrahydrofuran	7.56	42	54601	236.086	ug/l	97
30) Chloroform	7.71	83	172492	49.359	ug/l	96
31) Cyclohexane	7.97	56	120236	43.525	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	180629	50.503	ug/l	99
36) 1,1-Dichloropropene	8.11	75	127645	50.793	ug/l	99
37) Ethyl Acetate	7.28	43	41505	48.560	ug/l #	94
38) Carbon Tetrachloride	8.09	117	175264	53.531	ug/l	95

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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)
39) Methylcyclohexane	9.36	83	149920	50.644	ug/l	92
40) Benzene	8.34	78	338120	51.145	ug/l	95
41) Methacrylonitrile	7.55	41	62209	118.024	ug/l #	18
42) 1,2-Dichloroethane	8.42	62	125093	53.725	ug/l	99
43) Isopropyl Acetate	8.44	43	83933	48.925	ug/l	97
44) Trichloroethene	9.11	130	107965	50.259	ug/l	99
45) 1,2-Dichloropropane	9.38	63	74040	49.401	ug/l	99
46) Dibromomethane	9.47	93	49264	52.793	ug/l	100
47) Bromodichloromethane	9.66	83	134451	52.393	ug/l	99
48) Methyl methacrylate	9.45	41	45495	51.427	ug/l	95
49) 1,4-Dioxane	9.46	88	11355	1047.960	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	213714	257.515	ug/l	100
52) Toluene	10.40	92	230120	51.378	ug/l	95
53) t-1,3-Dichloropropene	10.61	75	125452	51.520	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	139444	51.018	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	63476	50.247	ug/l	96
56) Ethyl methacrylate	10.66	69	74983	51.274	ug/l	92
57) 1,3-Dichloropropane	10.94	76	106688	51.057	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	160988	265.058	ug/l	97
59) 2-Hexanone	10.98	43	164484	280.982	ug/l	98
60) Dibromochloromethane	11.14	129	100744	52.907	ug/l	96
61) 1,2-Dibromoethane	11.24	107	63179	50.820	ug/l	99
64) Tetrachloroethene	10.87	164	98658	51.060	ug/l	96
65) Chlorobenzene	11.67	112	256229	50.564	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	108023	52.163	ug/l	98
67) Ethyl Benzene	11.74	91	456878	51.220	ug/l	96
68) m/p-Xylenes	11.85	106	350552	103.107	ug/l	96
69) o-Xylene	12.18	106	161165	50.955	ug/l	99
70) Styrene	12.19	104	274155	50.481	ug/l	96
71) Bromoform	12.36	173	60777	51.729	ug/l #	97
73) Isopropylbenzene	12.48	105	455019	51.063	ug/l	100
74) N-amyl acetate	12.29	43	79590	49.453	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	62294	48.937	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	95330	101.870	ug/l #	1
77) Bromobenzene	12.76	156	118630	52.452	ug/l	97
78) n-propylbenzene	12.82	91	519232	50.819	ug/l	98
79) 2-Chlorotoluene	12.91	91	295287	50.602	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	394798	51.314	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	21338	48.401	ug/l	89
82) 4-Chlorotoluene	13.00	91	317170	51.301	ug/l	100
83) tert-Butylbenzene	13.23	119	344000	51.476	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	401351	53.110	ug/l	100
85) sec-Butylbenzene	13.40	105	443920	50.700	ug/l	100
86) p-Isopropyltoluene	13.52	119	443130	52.487	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	213875	50.659	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	215281	50.785	ug/l	99
89) n-Butylbenzene	13.84	91	387924	52.069	ug/l	98
90) Hexachloroethane	14.11	117	82052	49.199	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	192997	53.102	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13698	51.307	ug/l	90

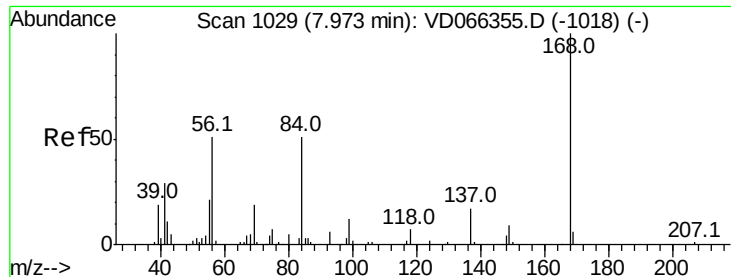
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	148380	52.295	ug/l	99
94) Hexachlorobutadiene	15.27	225	91378	51.824	ug/l	98
95) Naphthalene	15.40	128	239133	53.660	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	132363	54.457	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

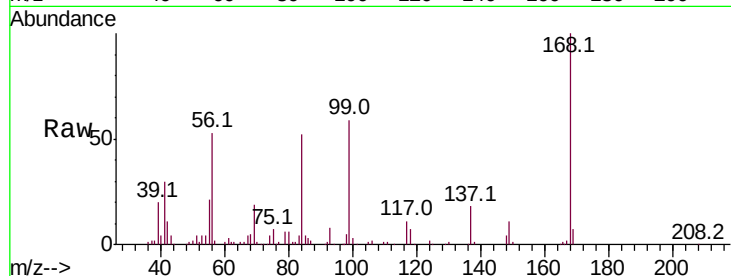
VSTDCCC050

Tot Ion:168 Resp: 202928

Ion Ratio Lower Upper

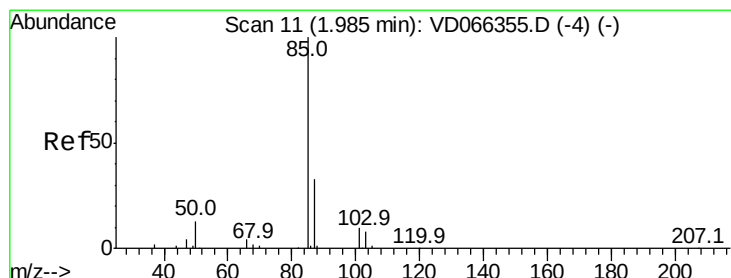
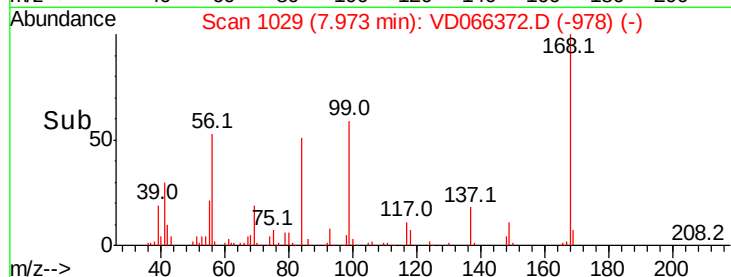
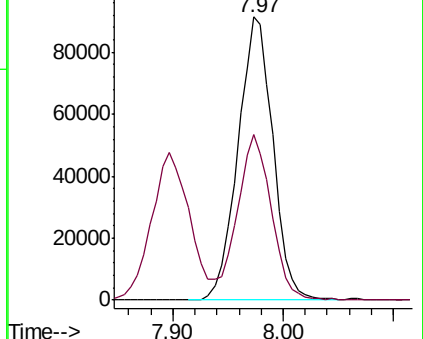
168 100

99 58.3 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 45.895 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066372.D

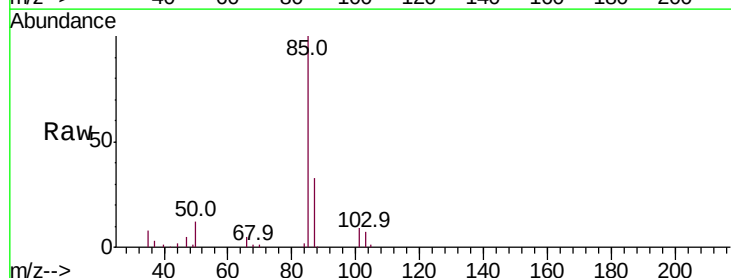
Acq: 24 Aug 2020 10:31

Tgt Ion: 85 Resp: 79178

Ion Ratio Lower Upper

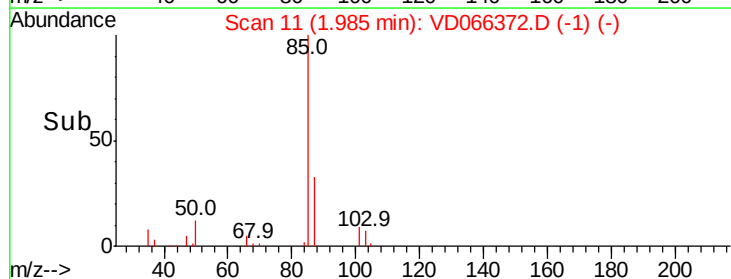
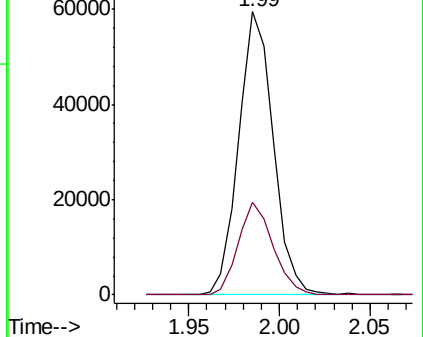
85 100

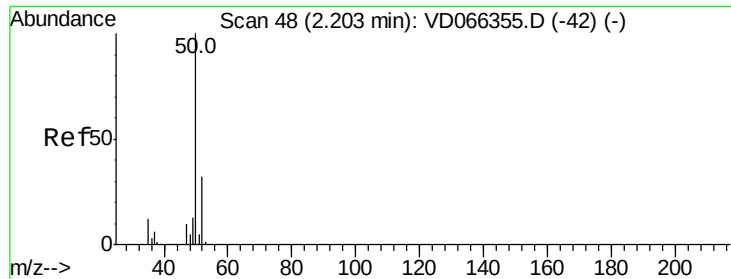
87 32.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 45.848 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

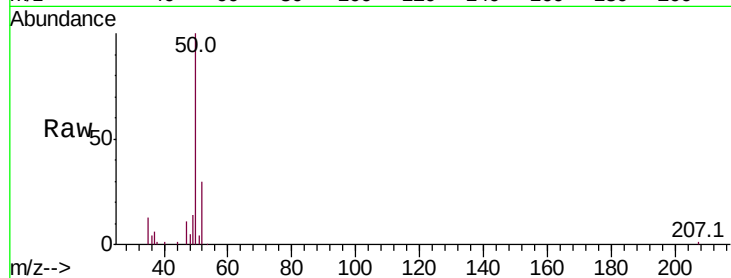
VSTDCCC050

Tot Ion: 50 Resp: 56067

Ion Ratio Lower Upper

50 100

52 30.3 25.7 38.5

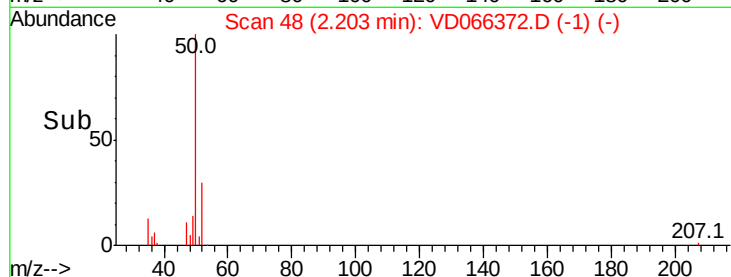


Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

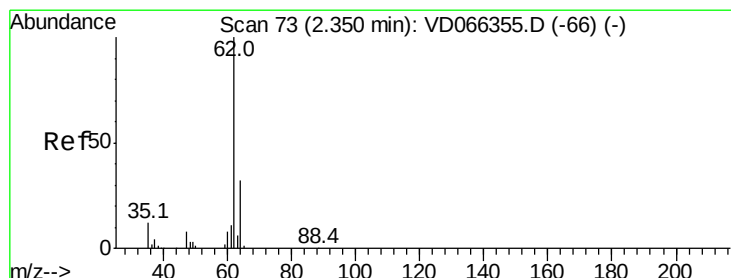
2.20

Time-->



2.20

Time-->



#4

Vinyl Chloride

Concen: 46.664 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066372.D

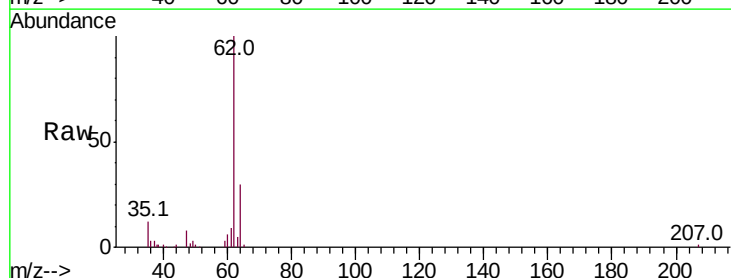
Acq: 24 Aug 2020 10:31

Tgt Ion: 62 Resp: 61268

Ion Ratio Lower Upper

62 100

64 30.5 25.4 38.2

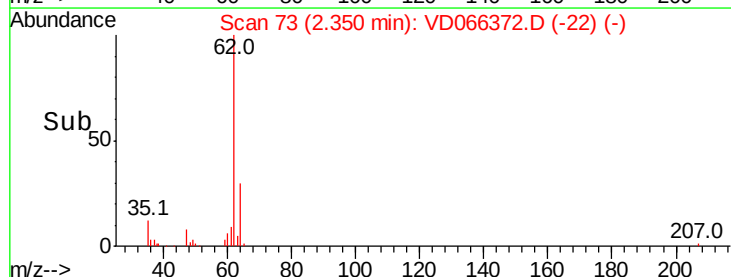


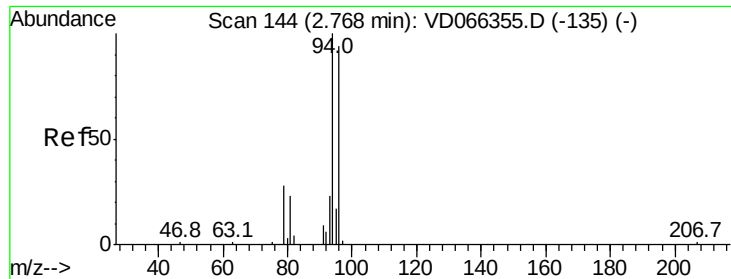
Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

Time-->





#5

Bromomethane

Concen: 49.448 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

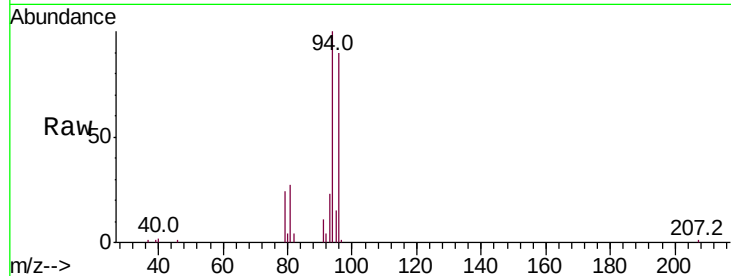
VSTDCCC050

Tot Ion: 94 Resp: 48561

Ion Ratio Lower Upper

94 100

96 90.0 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

25000

20000

15000

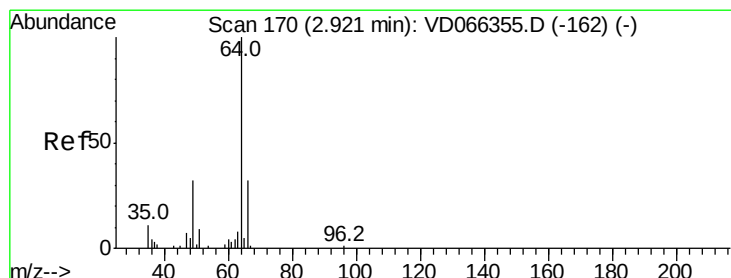
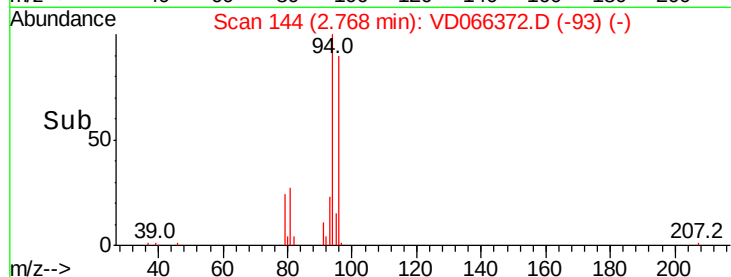
10000

5000

0

2.70 2.75 2.80 2.85

Time-->



#6

Chloroethane

Concen: 49.856 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066372.D

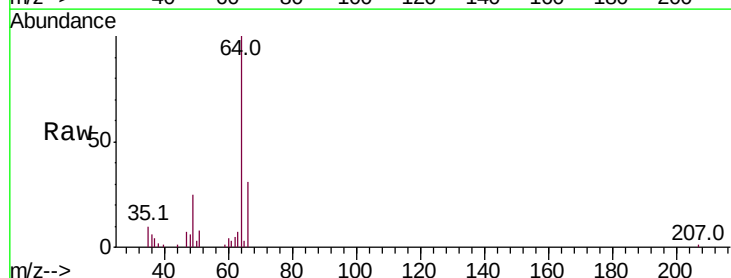
Acq: 24 Aug 2020 10:31

Tgt Ion: 64 Resp: 41915

Ion Ratio Lower Upper

64 100

66 30.7 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

25000

20000

15000

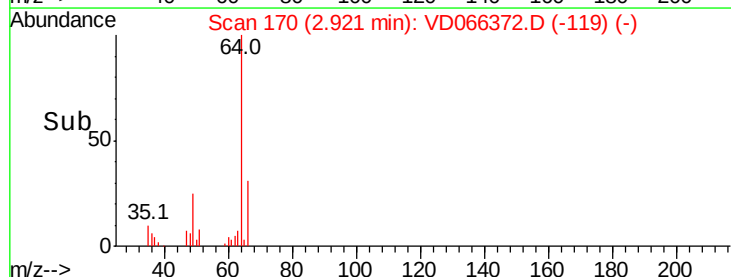
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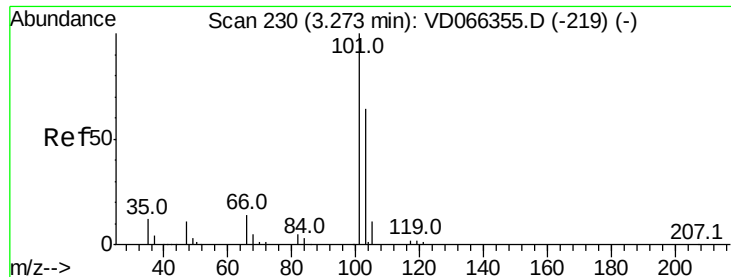
5000

0

2.85 2.90 2.95 3.00

Time-->



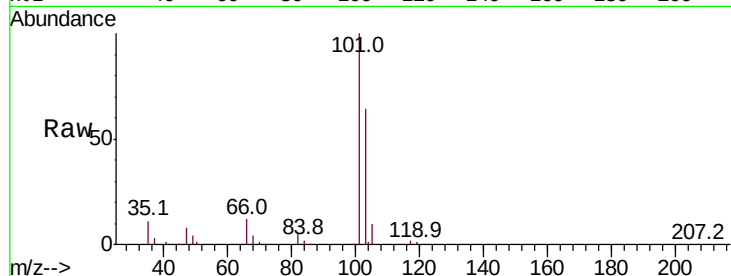


#7

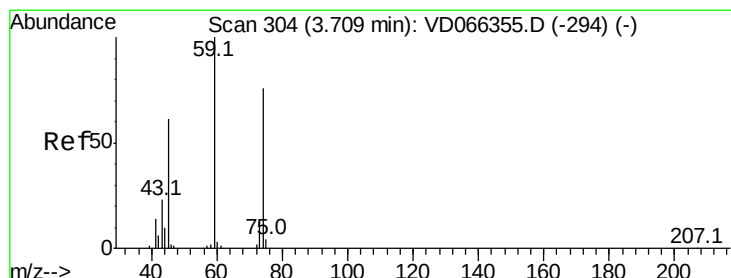
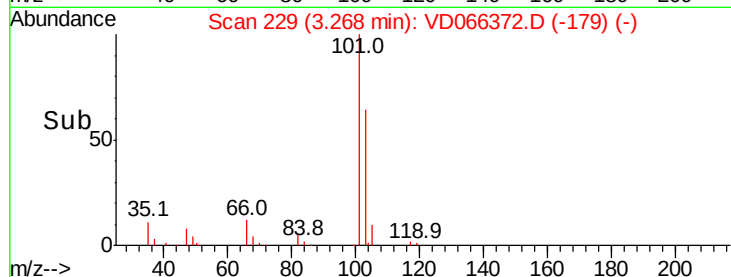
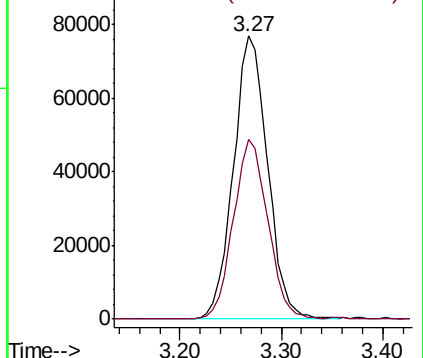
Trichlorofluoromethane
 Concen: 50.496 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066372.D
 Acq: 24 Aug 2020 10:31

Instrument :
 MSVOA_D
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 VSTDCCC050

Tot Ion:101 Resp: 180285
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.4 77.0



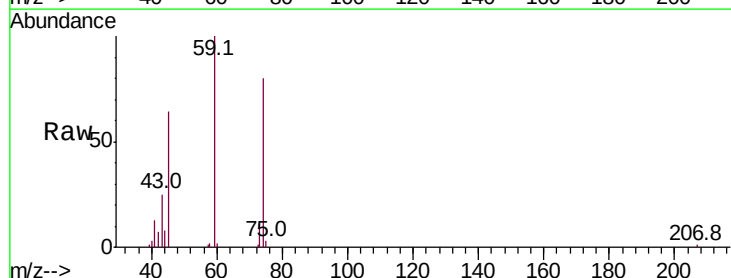
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



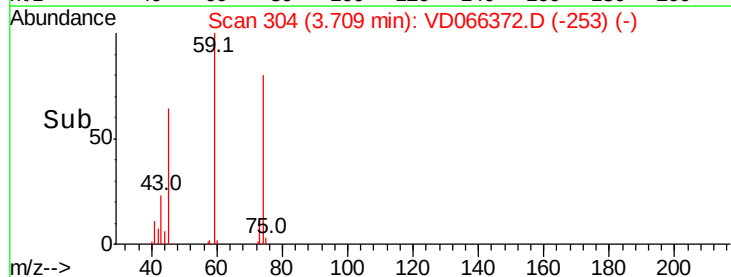
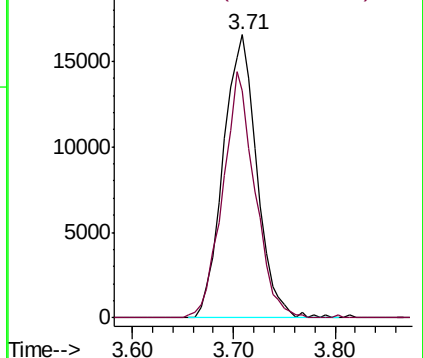
#8

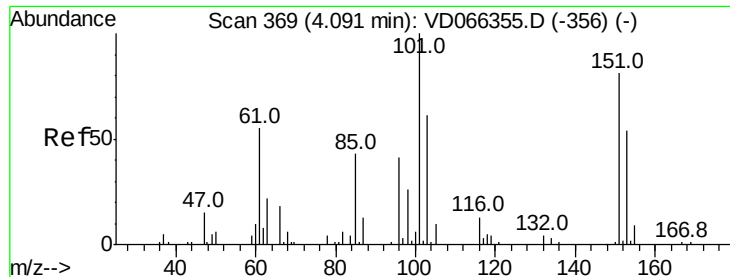
Diethyl Ether
 Concen: 47.497 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066372.D
 Acq: 24 Aug 2020 10:31

Tgt Ion: 74 Resp: 37995
 Ion Ratio Lower Upper
 74 100
 45 83.0 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.106 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

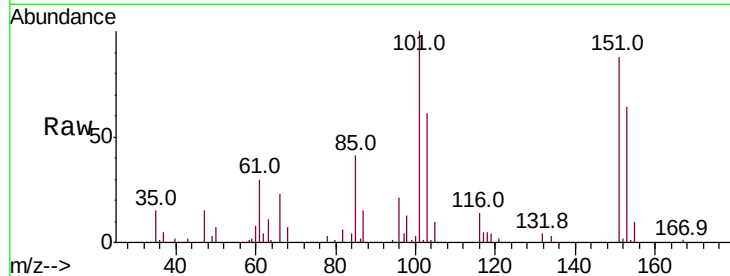
Tot Ion:101 Resp: 84762

Ion Ratio Lower Upper

101 100

85 44.9 36.4 54.6

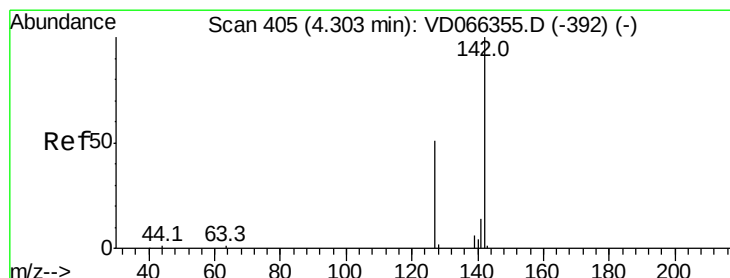
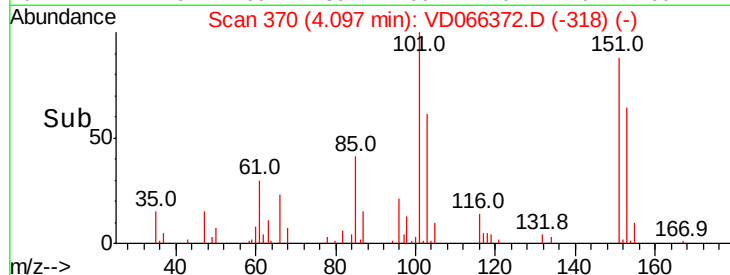
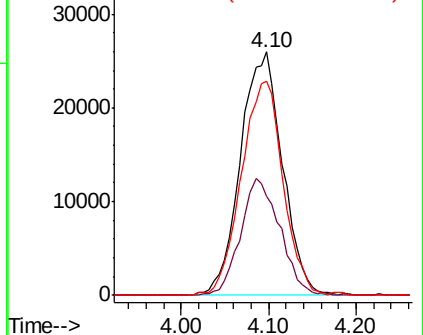
151 87.3 70.5 105.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.025 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

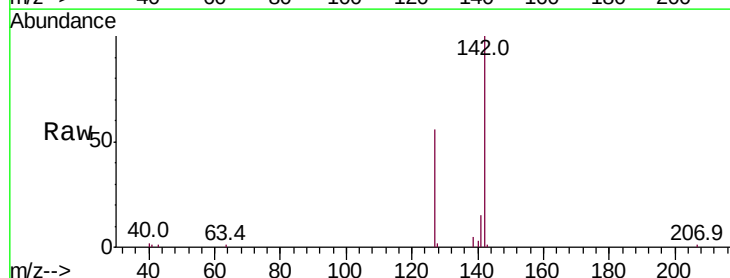
Tgt Ion:142 Resp: 86463

Ion Ratio Lower Upper

142 100

127 54.3 41.8 62.8

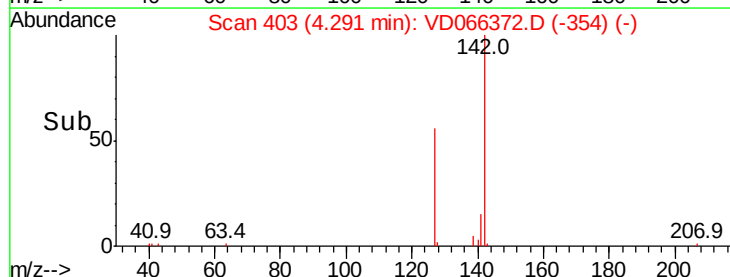
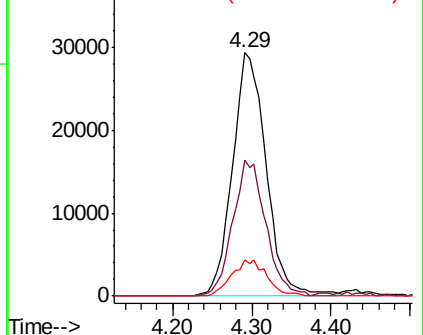
141 15.4 11.8 17.6

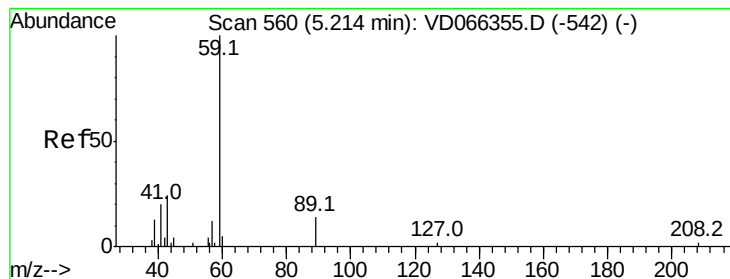


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 259.020 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

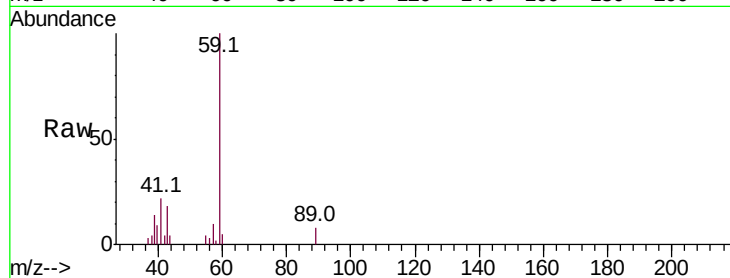
VSTDCCC050

Tot Ion: 59 Resp: 29359

Ion Ratio Lower Upper

59 100

57 6.6 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.22

8000

6000

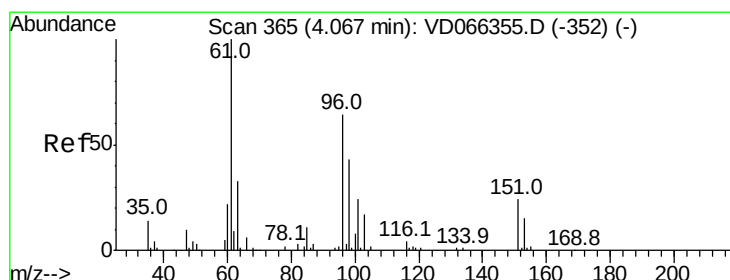
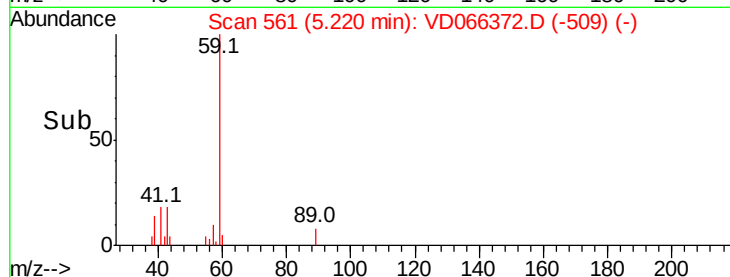
4000

2000

0

Time-->

5.10 5.20 5.30



#12

1,1-Dichloroethene

Concen: 46.698 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

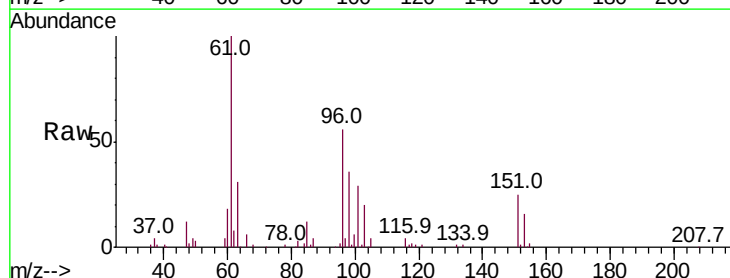
Tgt Ion: 96 Resp: 77235

Ion Ratio Lower Upper

96 100

61 179.3 124.3 186.5

98 64.3 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

60000

50000

40000

30000

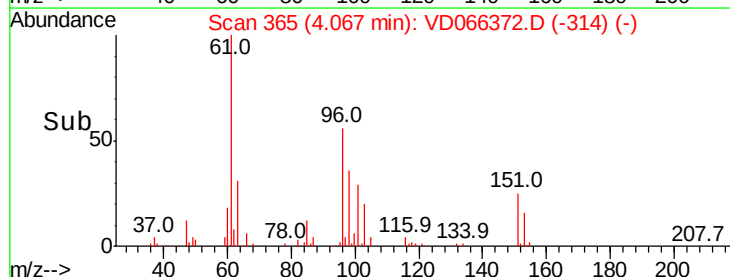
20000

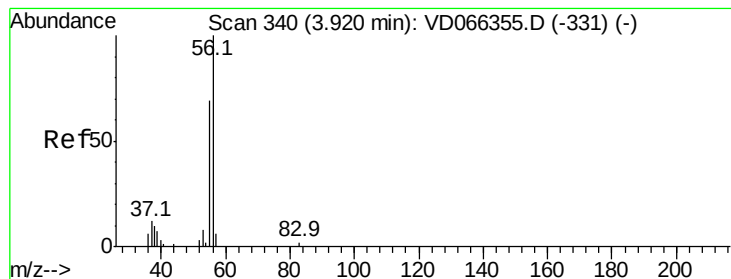
10000

0

Time-->

4.00 4.10





#13

Acrolein

Concen: 201.672 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

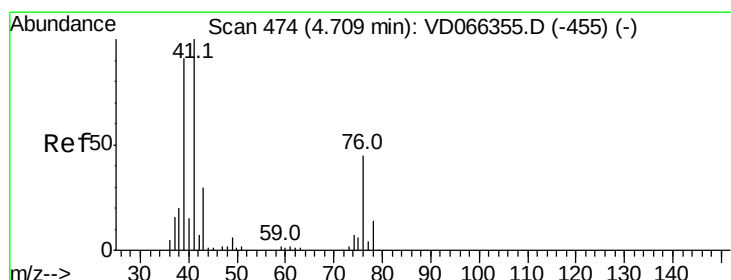
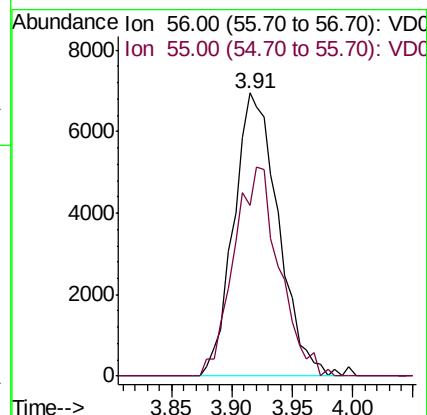
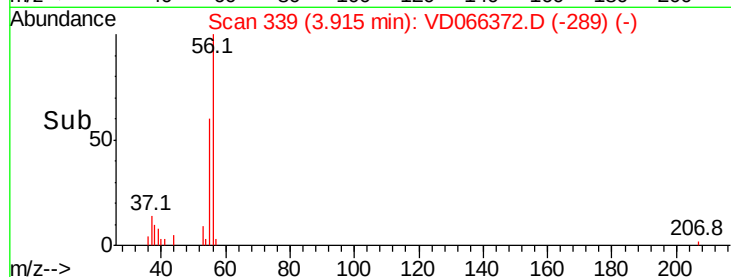
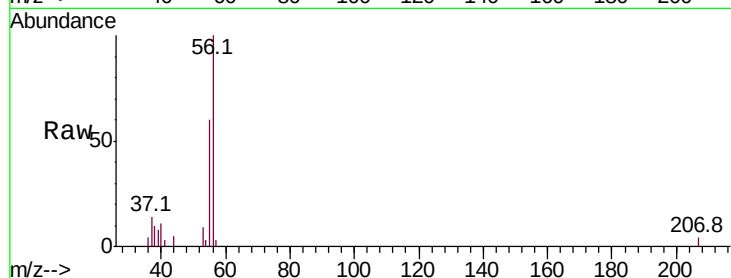
VSTDCCC050

Tot Ion: 56 Resp: 17817

Ion Ratio Lower Upper

56 100

55 75.6 55.5 83.3



#14

Allyl chloride

Concen: 45.751 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

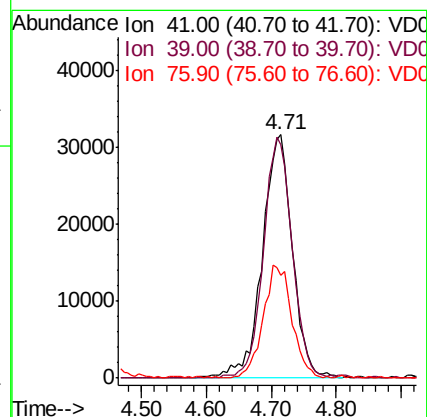
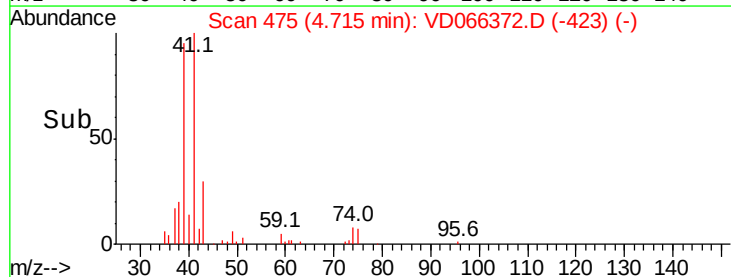
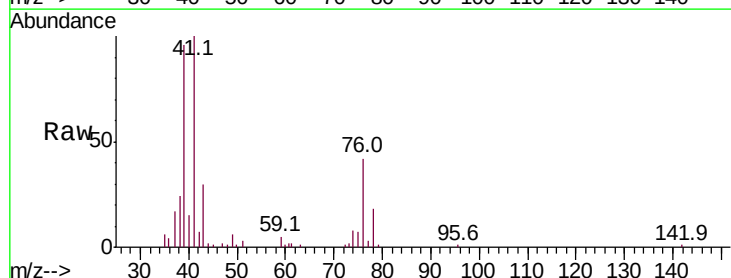
Tgt Ion: 41 Resp: 100998

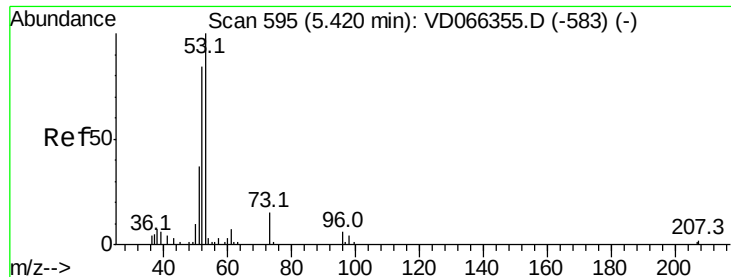
Ion Ratio Lower Upper

41 100

39 94.8 72.8 109.2

76 44.3 34.0 51.0





#15

Acrylonitrile

Concen: 238.380 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

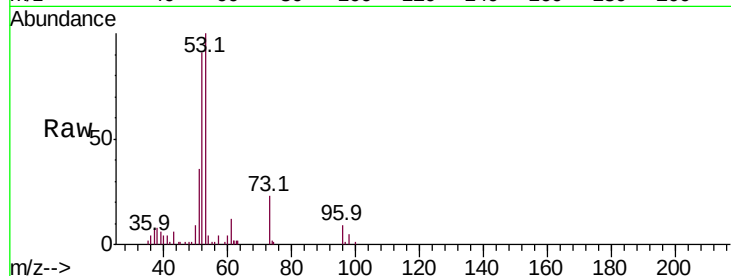
Tot Ion: 53 Resp: 76510

Ion Ratio Lower Upper

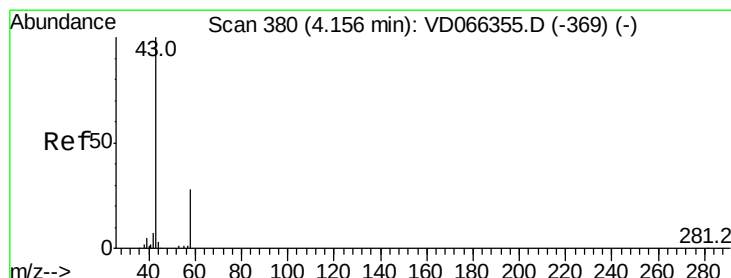
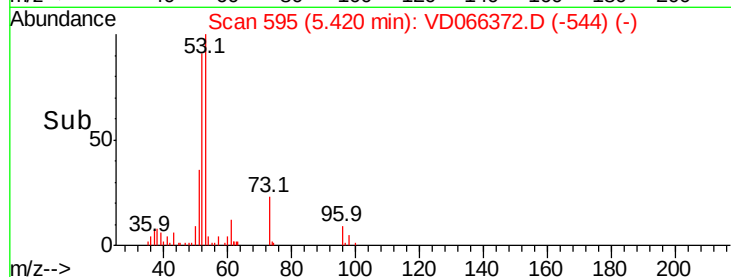
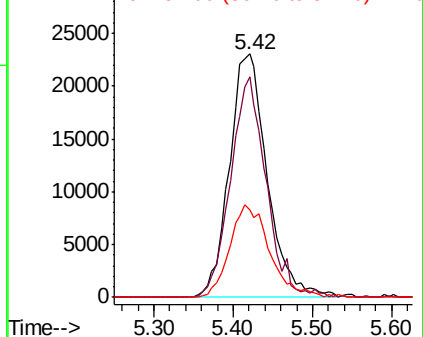
53 100

52 84.2 68.1 102.1

51 39.8 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: 298.555 ug/l

RT: 4.14 min Scan# 378

Delta R.T. -0.01 min

Lab File: VD066372.D

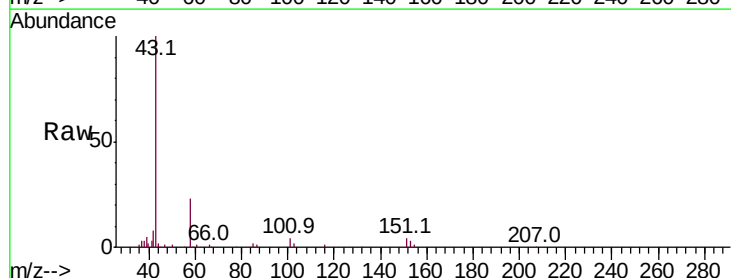
Acq: 24 Aug 2020 10:31

Tgt Ion: 43 Resp: 107084

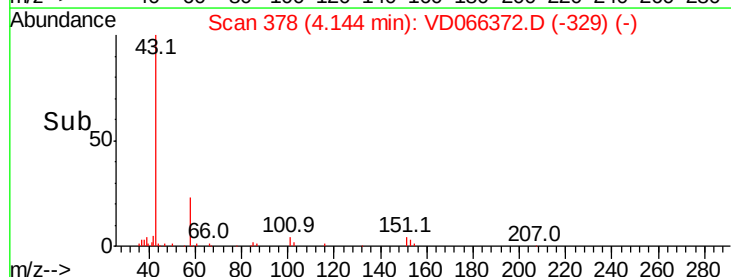
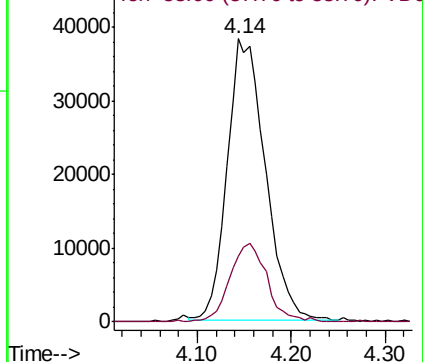
Ion Ratio Lower Upper

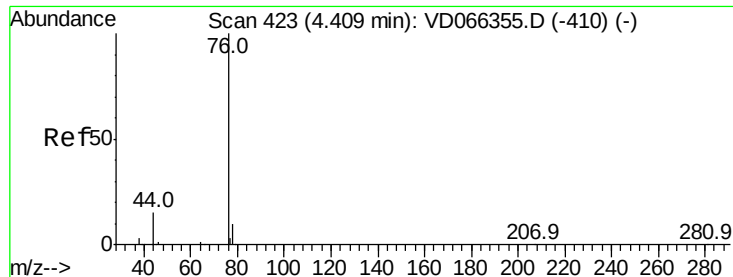
43 100

58 23.5 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: 46.629 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

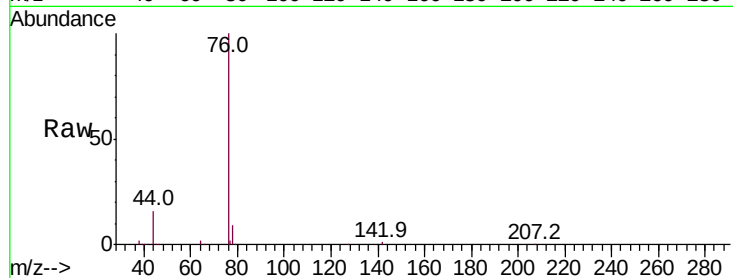
VSTDCCC050

Tot Ion: 76 Resp: 233721

Ion Ratio Lower Upper

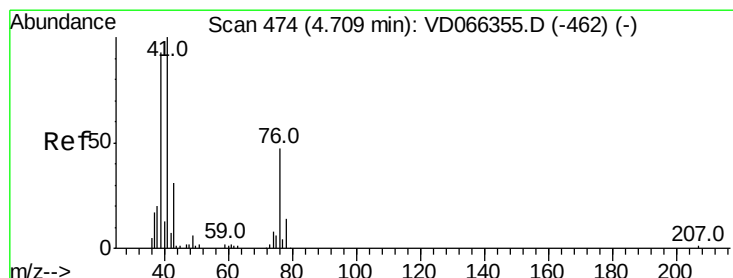
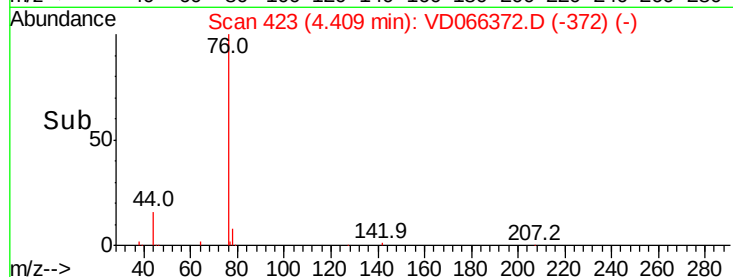
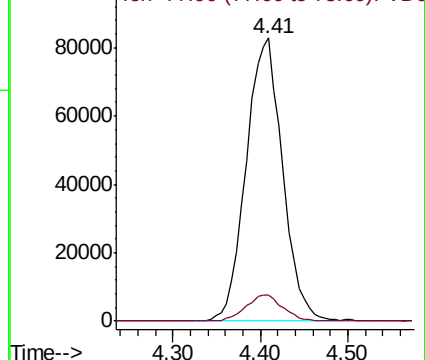
76 100

78 9.4 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: 46.166 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066372.D

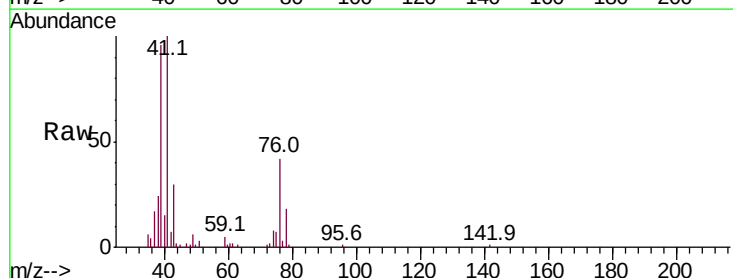
Acq: 24 Aug 2020 10:31

Tgt Ion: 43 Resp: 31078

Ion Ratio Lower Upper

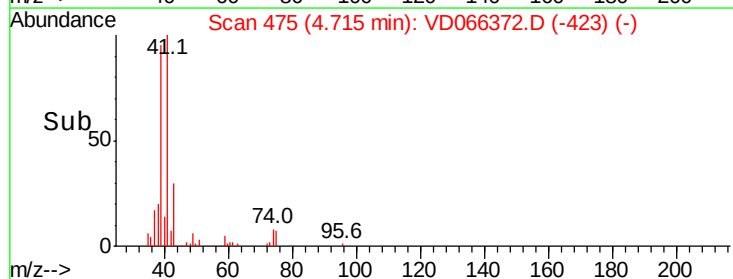
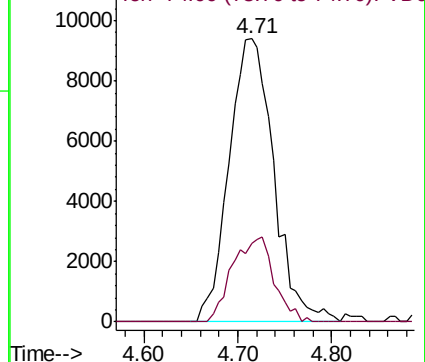
43 100

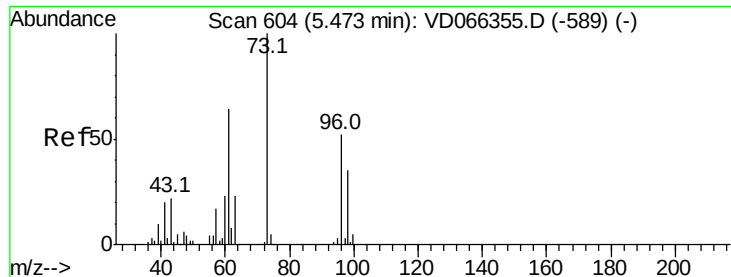
74 27.8 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

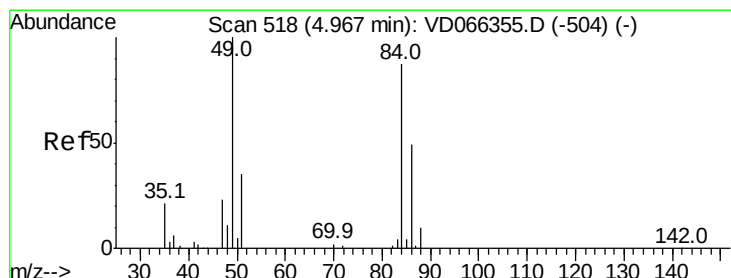
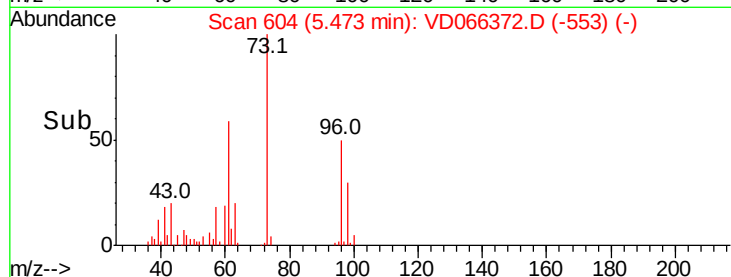
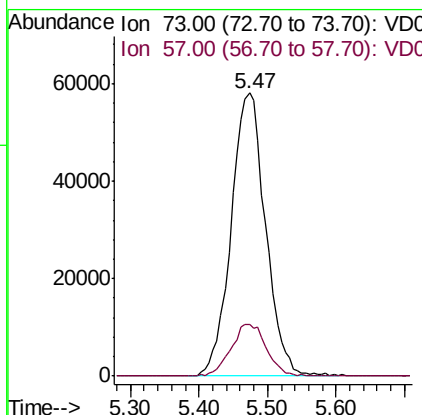
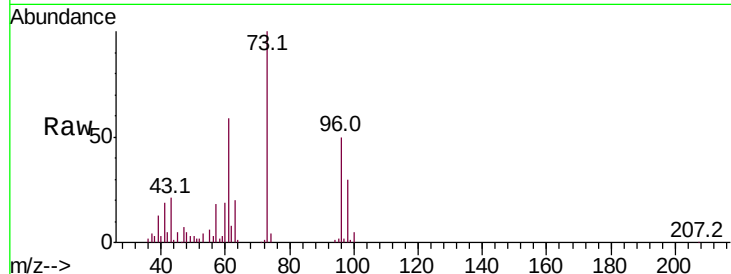




#19
Methyl tert-butyl Ether
Concen: 50.746 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

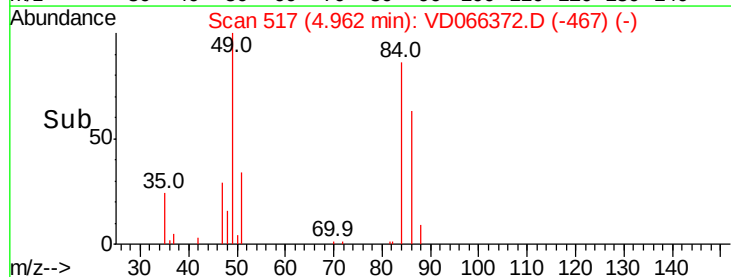
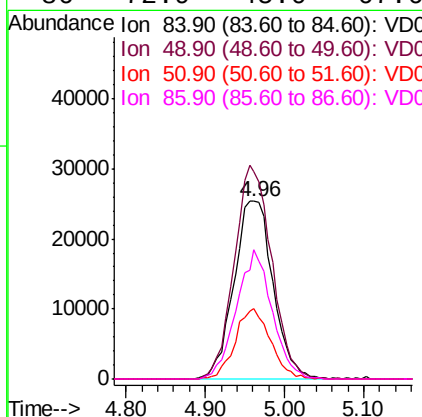
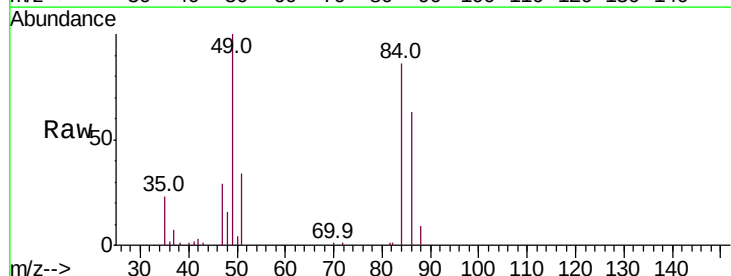
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

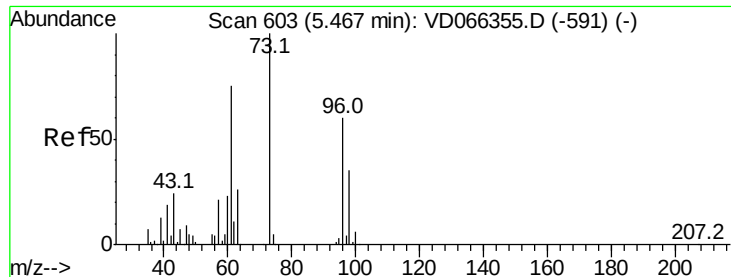
Tot Ion: 73 Resp: 202097
Ion Ratio Lower Upper
73 100
57 18.5 13.8 20.6



#20
Methylene Chloride
Concen: 44.692 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

Tgt Ion: 84 Resp: 86948
Ion Ratio Lower Upper
84 100
49 116.6 92.5 138.7
51 39.4 32.5 48.7
86 72.9 45.0 67.6#





#21

trans-1,2-Dichloroethene

Concen: 47.442 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

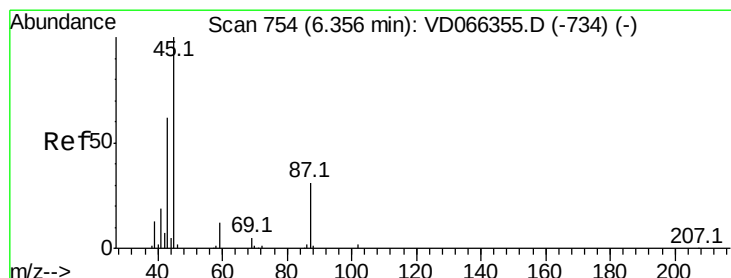
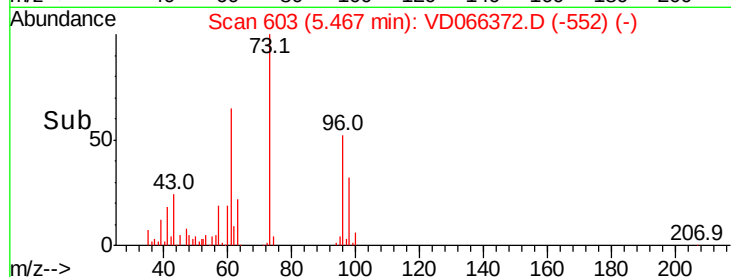
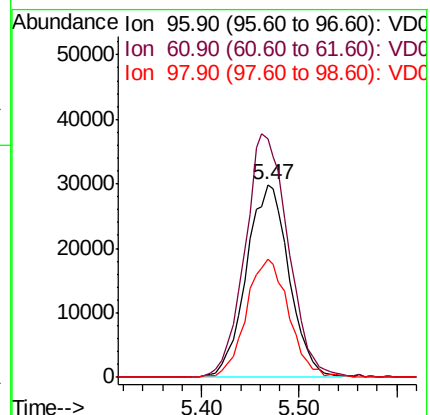
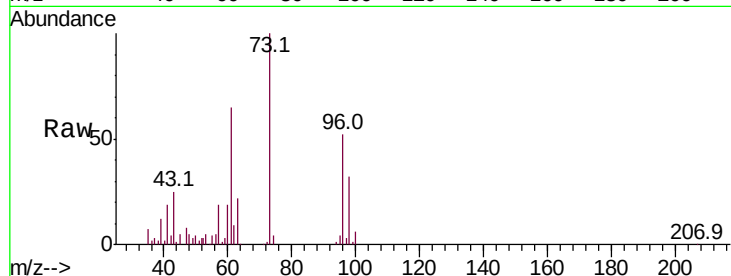
Tot Ion: 96 Resp: 91338

Ion Ratio Lower Upper

96 100

61 123.7 101.1 151.7

98 61.4 47.0 70.6



#22

Diisopropyl ether

Concen: 46.824 ug/l

RT: 6.35 min Scan# 753

Delta R.T. -0.01 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Tgt Ion: 45 Resp: 200132

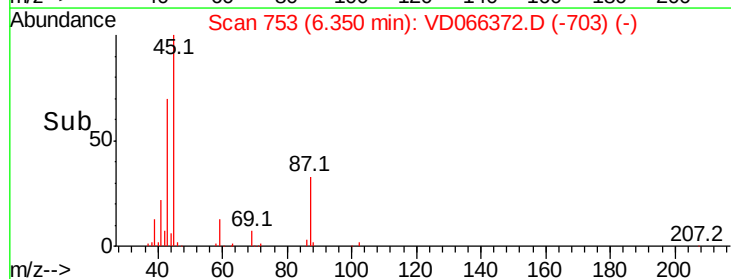
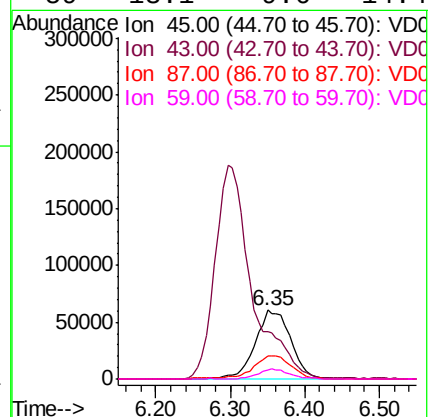
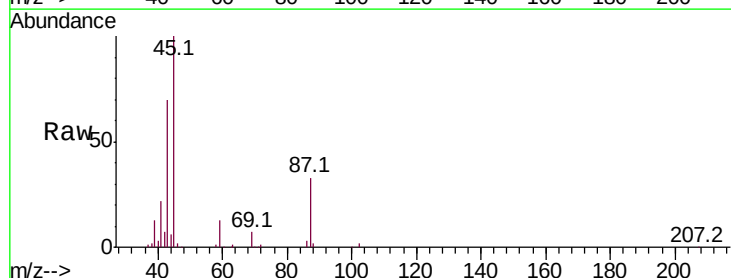
Ion Ratio Lower Upper

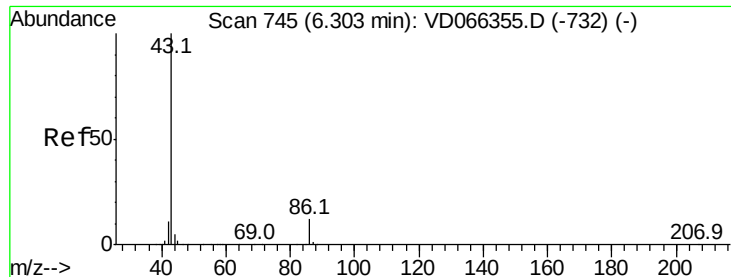
45 100

43 68.8 49.8 74.8

87 33.1 25.0 37.6

59 13.1 9.6 14.4





#23

Vinyl Acetate

Concen: 244.974 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

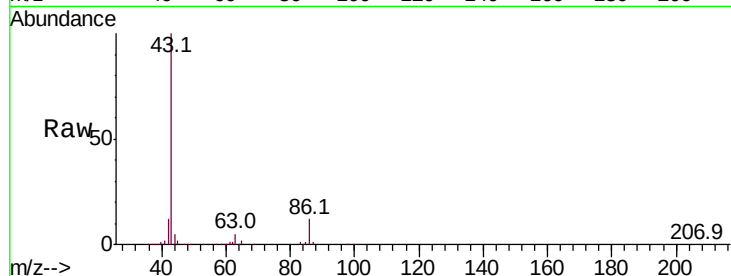
VSTDCCC050

Tot Ion: 43 Resp: 648192

Ion Ratio Lower Upper

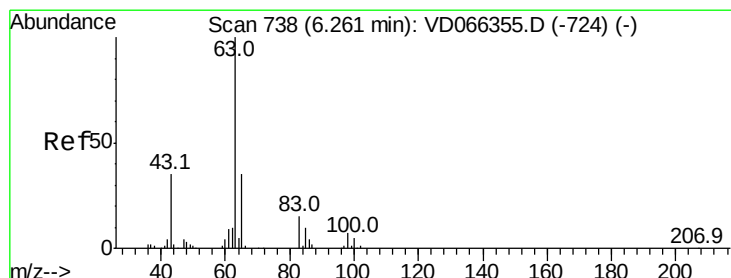
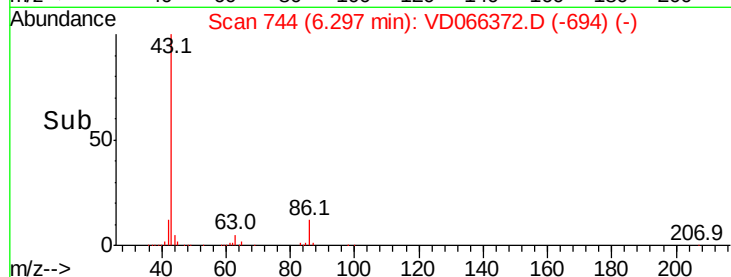
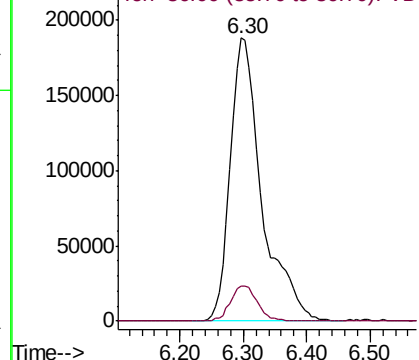
43 100

86 12.4 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: 47.308 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

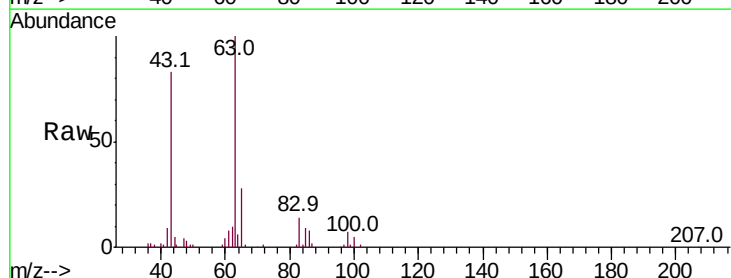
Tgt Ion: 63 Resp: 142892

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

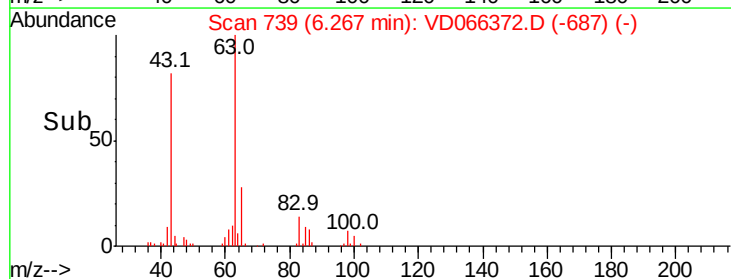
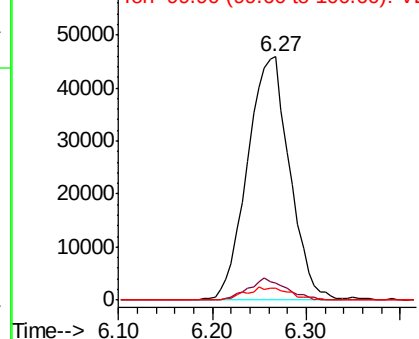
100 4.7 2.5 7.6

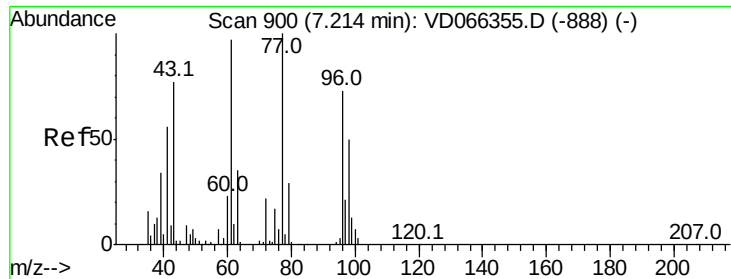


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 258.092 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

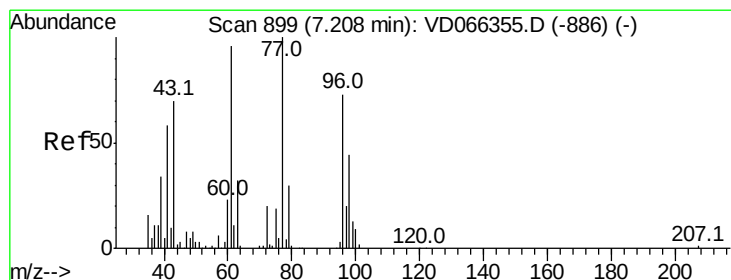
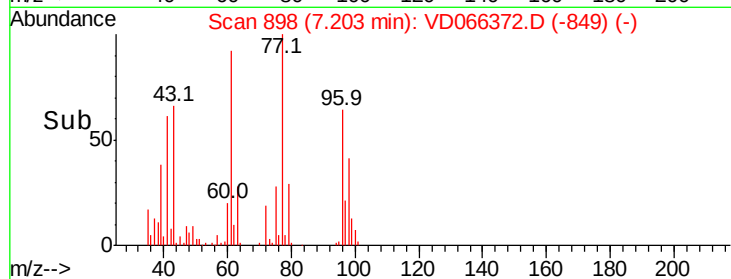
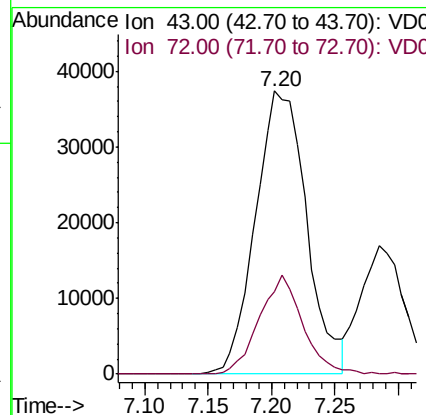
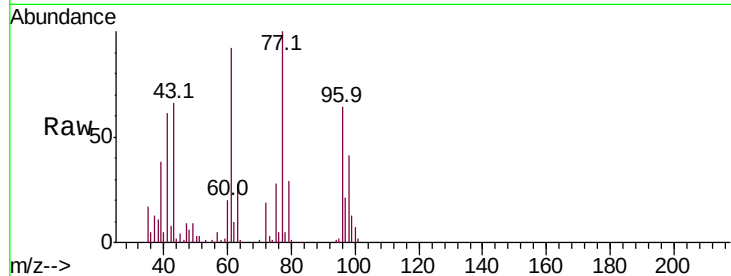
VSTDCCC050

Tot Ion: 43 Resp: 105091

Ion Ratio Lower Upper

43 100

72 29.2 22.5 33.7



#26

2,2-Dichloropropane

Concen: 50.702 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066372.D

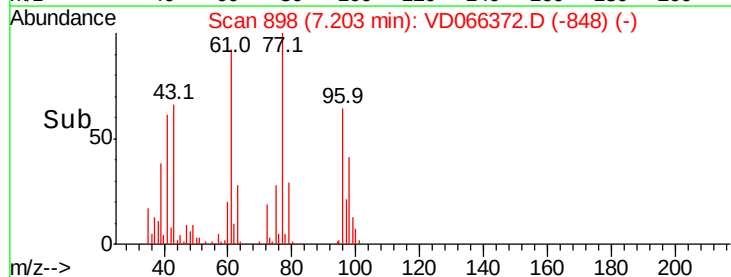
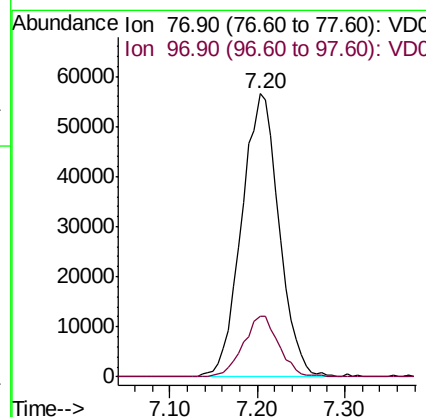
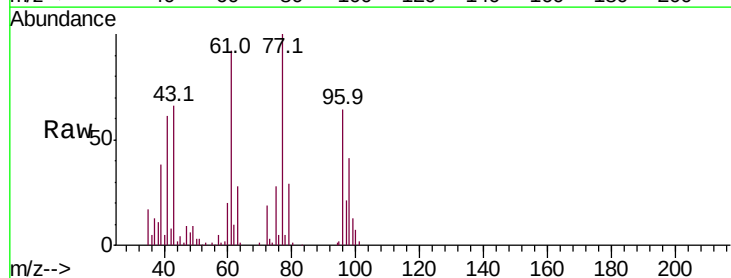
Acq: 24 Aug 2020 10:31

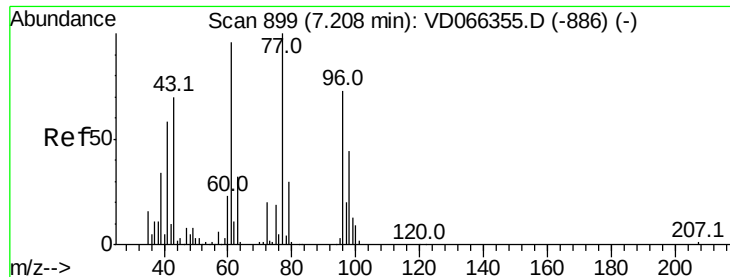
Tgt Ion: 77 Resp: 164137

Ion Ratio Lower Upper

77 100

97 20.5 10.7 31.9



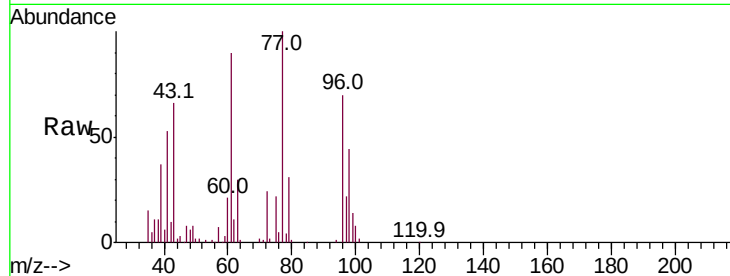


#27

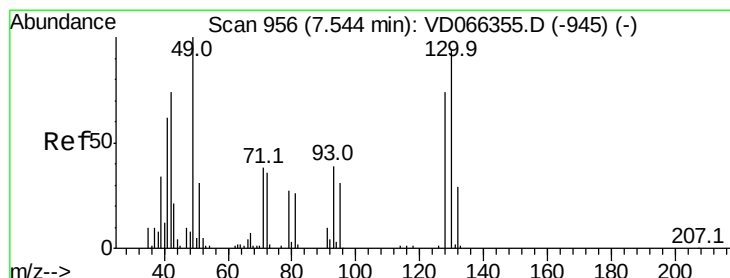
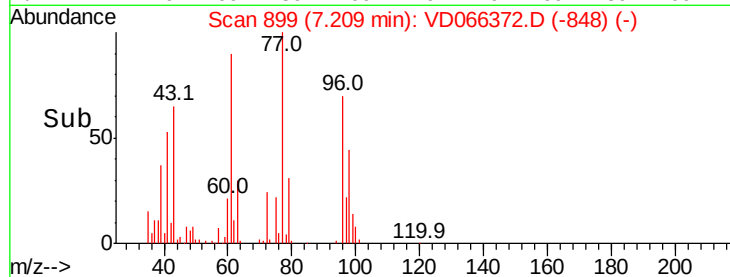
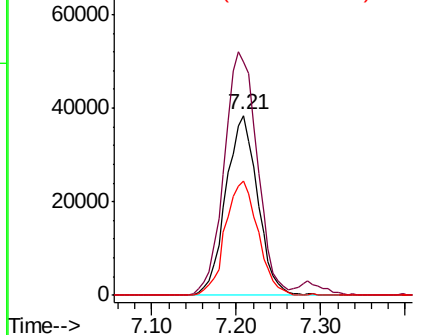
cis-1,2-Dichloroethene
 Concen: 48.328 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066372.D
 Acq: 24 Aug 2020 10:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	96	Resp	99698
Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	281.4
98	65.4	0.0	132.2



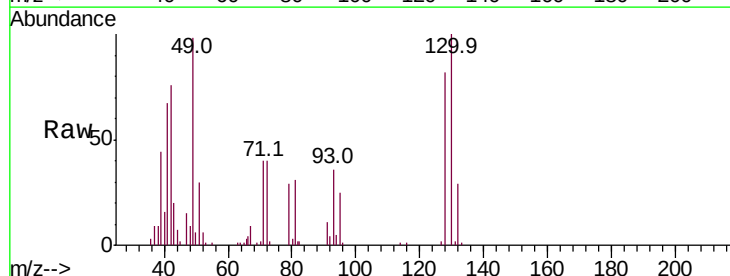
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



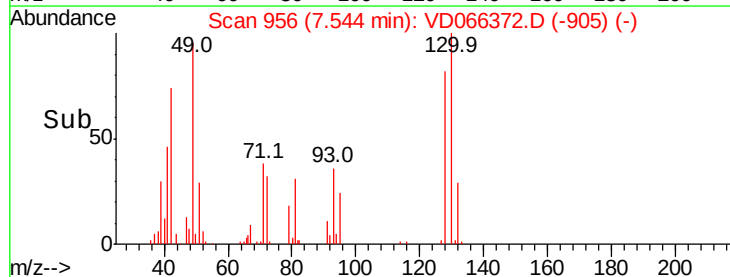
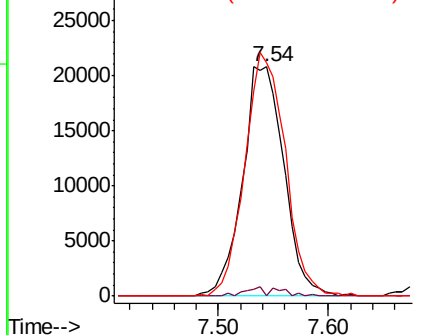
#28

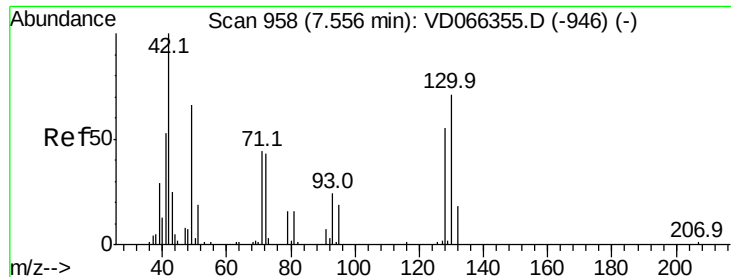
Bromochloromethane
 Concen: 52.692 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD066372.D
 Acq: 24 Aug 2020 10:31

Tgt Ion	49	Resp	54822
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	0.0	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

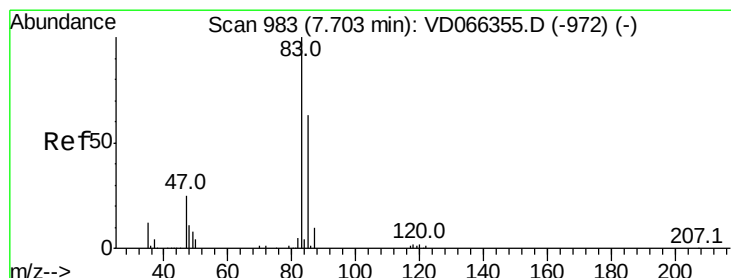
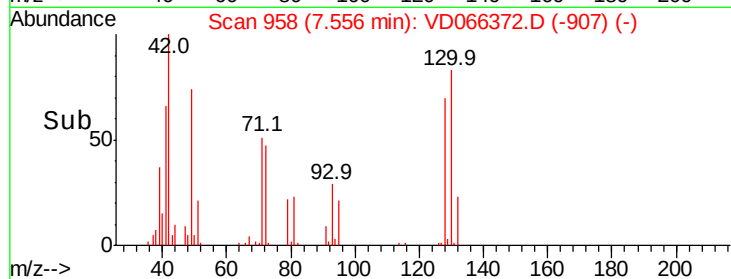
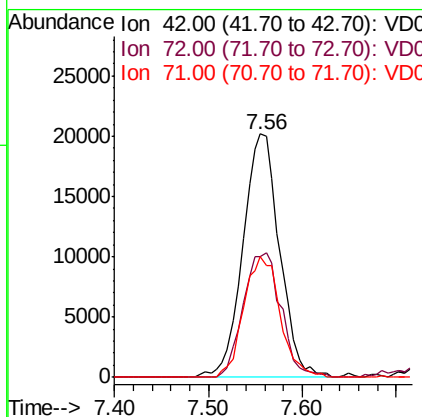
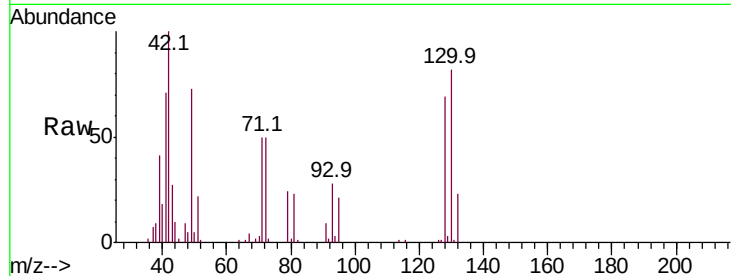




#29
Tetrahydrofuran
Concen: 236.086 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.00 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

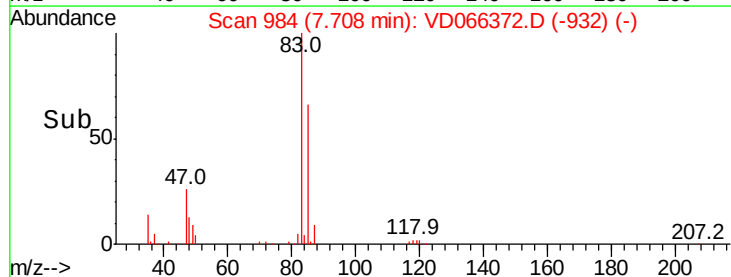
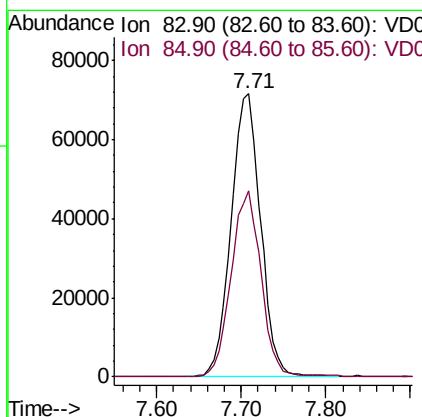
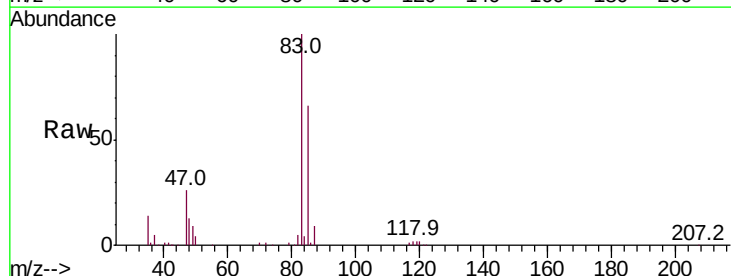
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

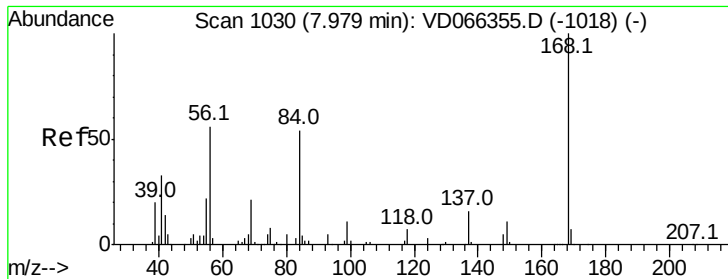
Tot Ion: 42 Resp: 54601
Ion Ratio Lower Upper
42 100
72 52.6 41.0 61.4
71 49.3 37.2 55.8



#30
Chloroform
Concen: 49.359 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

Tgt Ion: 83 Resp: 172492
Ion Ratio Lower Upper
83 100
85 65.9 50.3 75.5

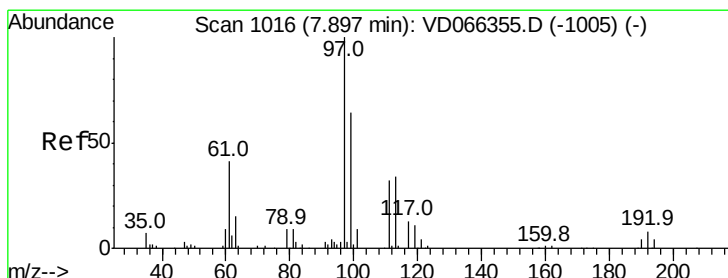
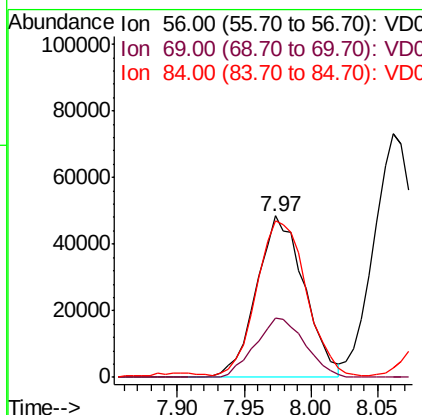
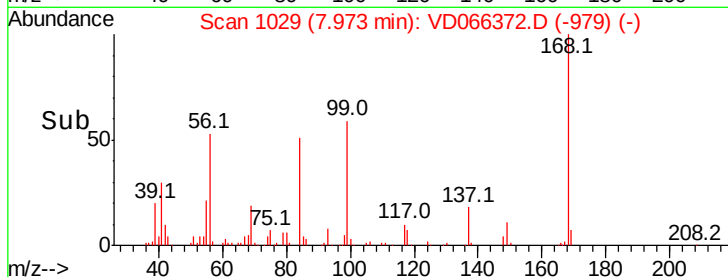
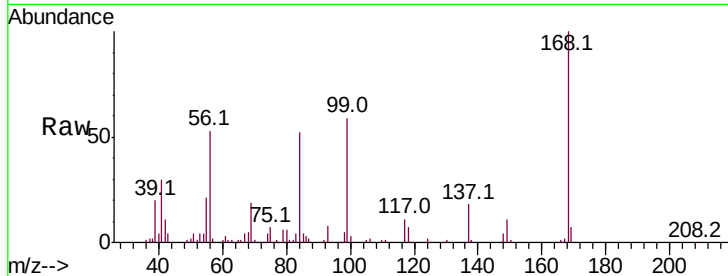




#31
Cyclohexane
Concen: 43.525 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

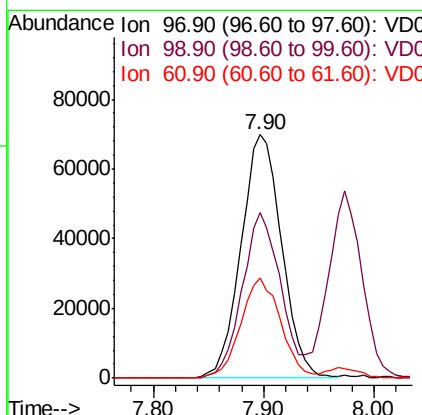
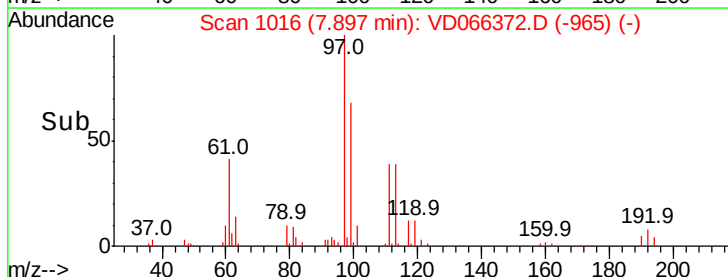
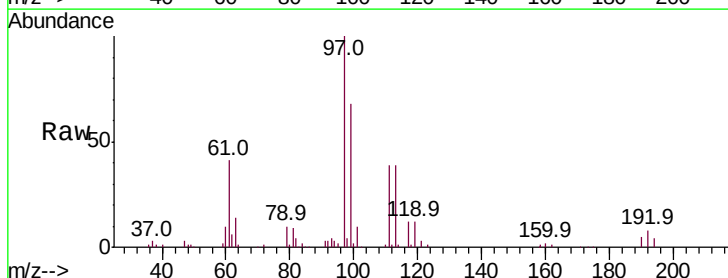
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

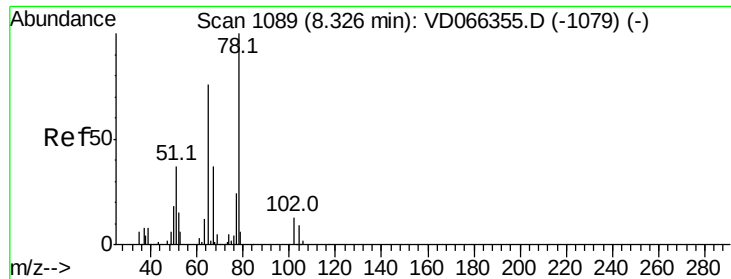
Tot Ion: 56 Resp: 120236
Ion Ratio Lower Upper
56 100
69 36.6 29.6 44.4
84 94.6 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 50.503 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

Tgt Ion: 97 Resp: 180629
Ion Ratio Lower Upper
97 100
99 64.7 51.5 77.3
61 40.3 33.3 49.9





#33

1,2-Dichloroethane-d4

Concen: 54.286 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

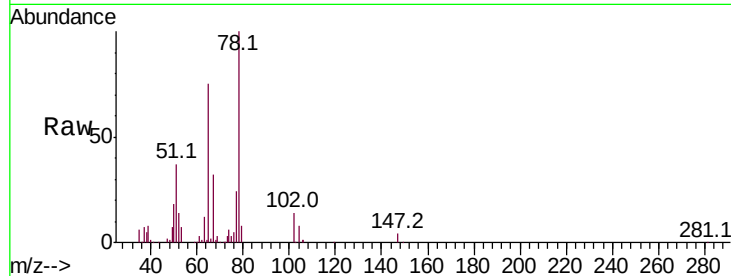
VSTDCCC050

Tot Ion: 65 Resp: 108001

Ion Ratio Lower Upper

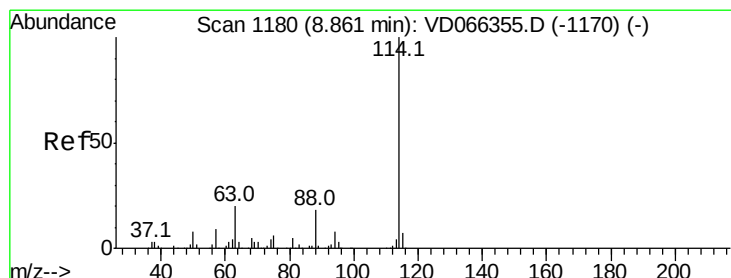
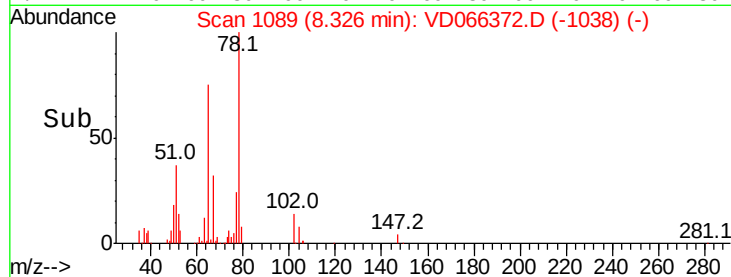
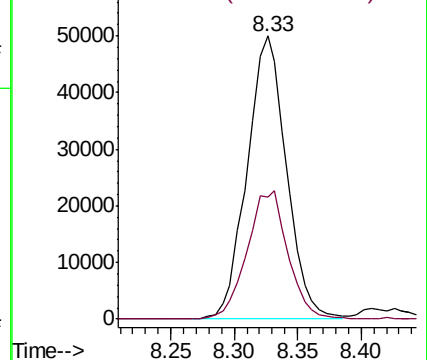
65 100

67 47.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

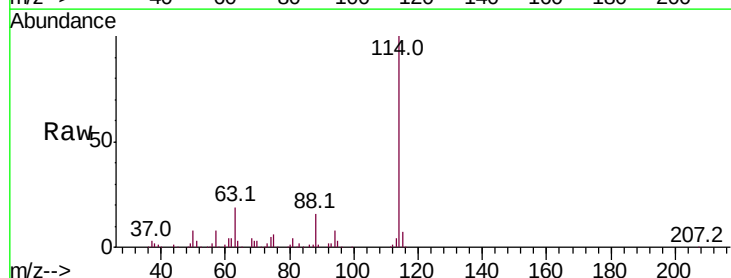
Tgt Ion: 114 Resp: 275419

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

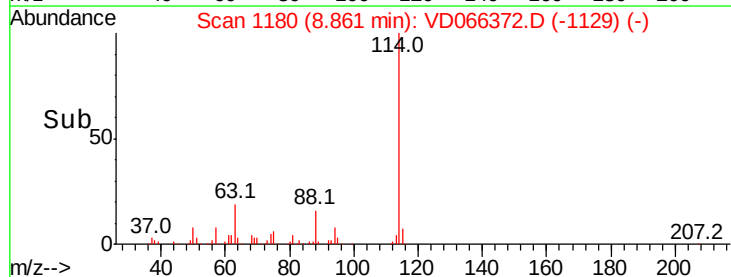
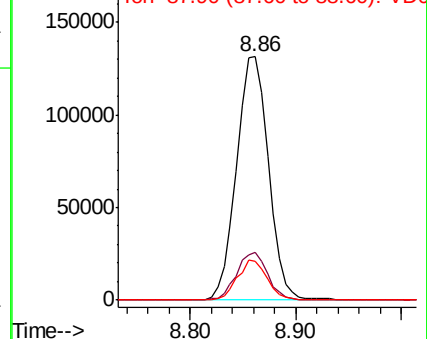
88 16.2 0.0 35.4

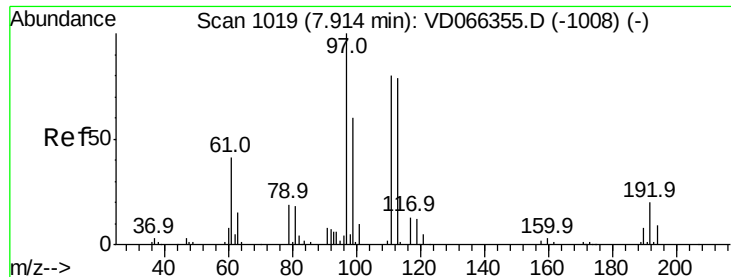


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

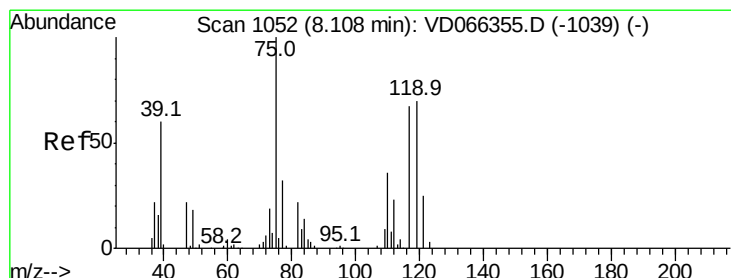
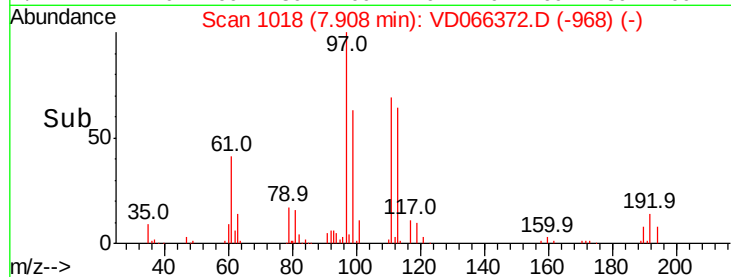
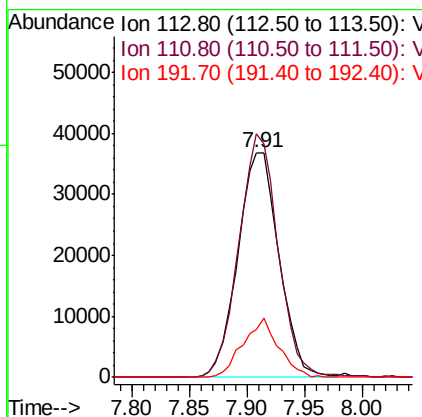
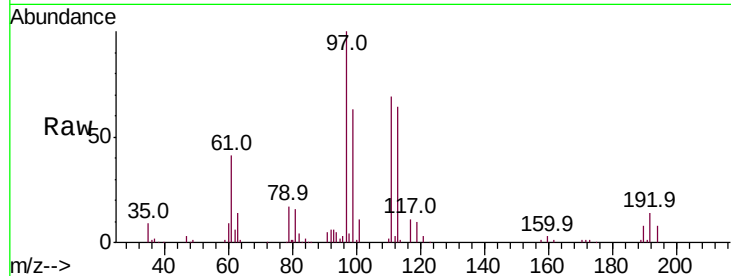




#35
 Dibromofluoromethane
 Concen: 52.978 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066372.D
 Acq: 24 Aug 2020 10:31

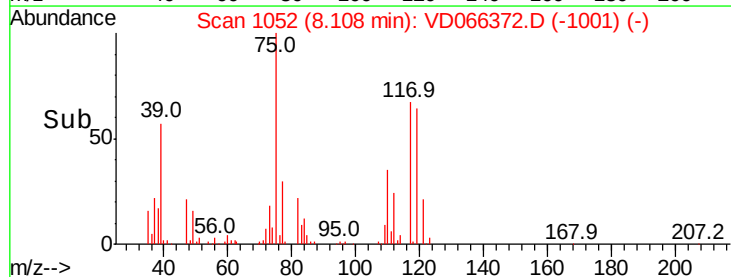
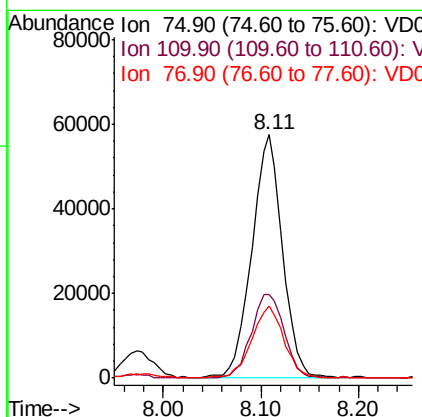
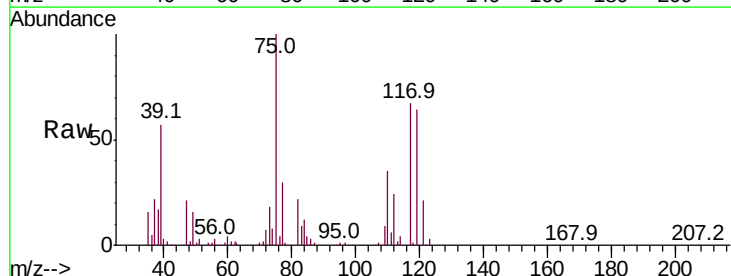
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

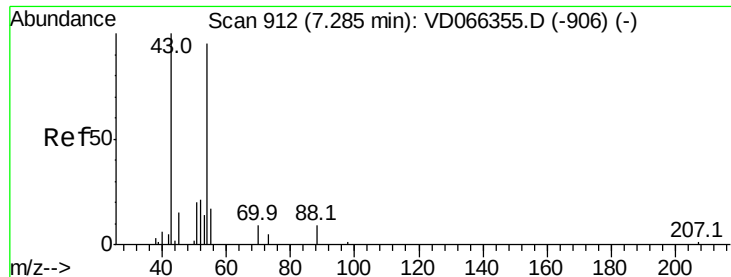
Tot Ion:113 Resp: 91240
 Ion Ratio Lower Upper
 113 100
 111 103.9 80.3 120.5
 192 22.8 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 50.793 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066372.D
 Acq: 24 Aug 2020 10:31

Tgt Ion: 75 Resp: 127645
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.7 56.1
 77 30.7 25.2 37.8

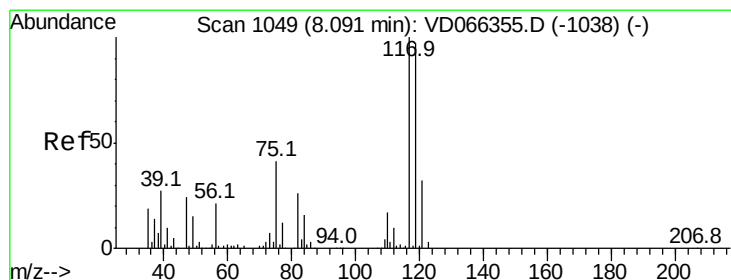
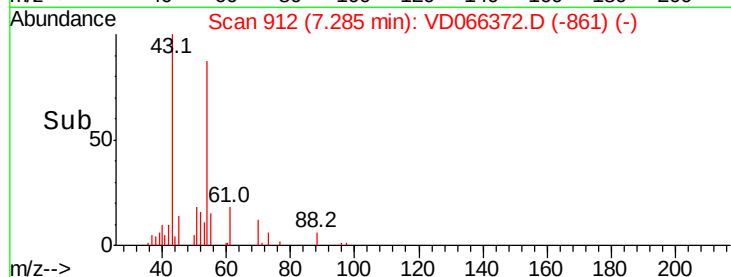
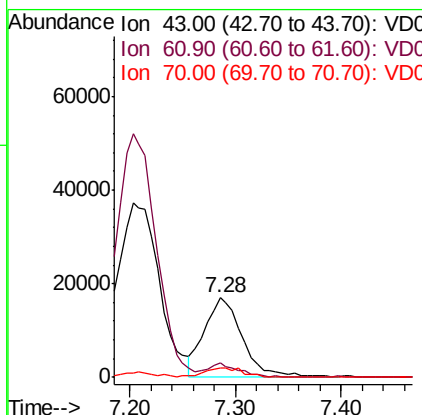
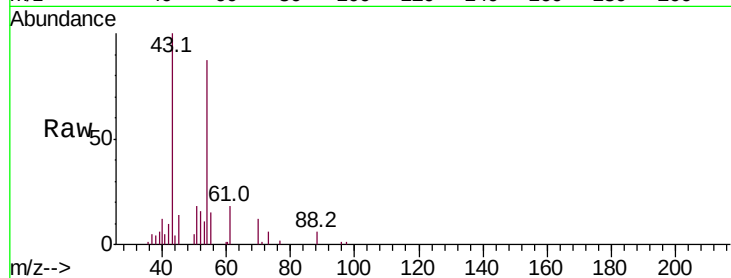




#37
Ethyl Acetate
Concen: 48.560 ug/l
RT: 7.28 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

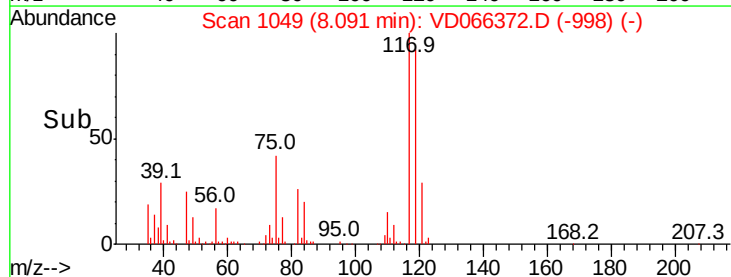
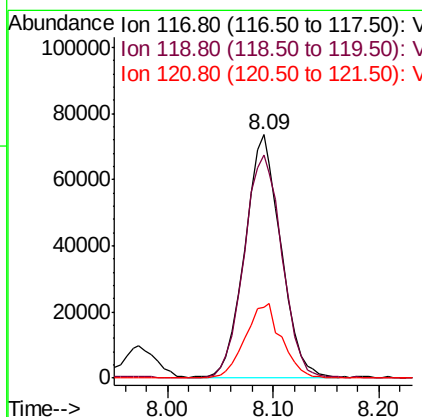
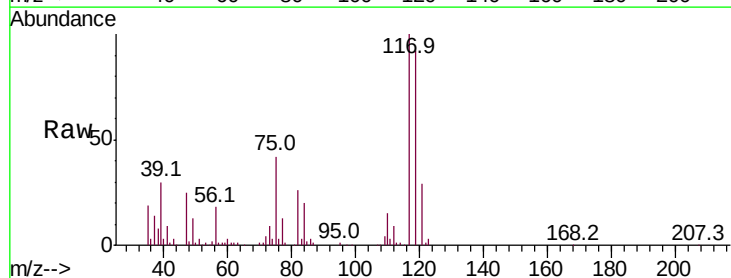
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

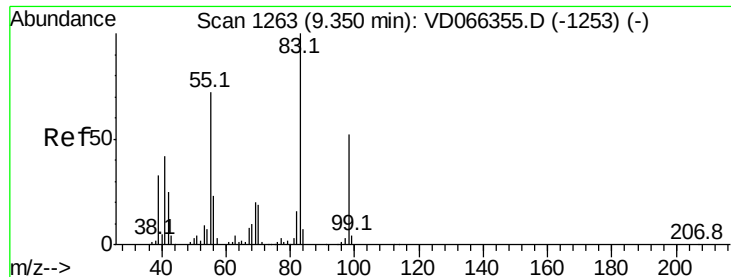
Tot Ion: 43 Resp: 41505
Ion Ratio Lower Upper
43 100
61 16.0 13.3 19.9
70 12.6 3.5 5.3#



#38
Carbon Tetrachloride
Concen: 53.531 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

Tgt Ion: 117 Resp: 175264
Ion Ratio Lower Upper
117 100
119 91.9 77.2 115.8
121 29.1 25.8 38.8

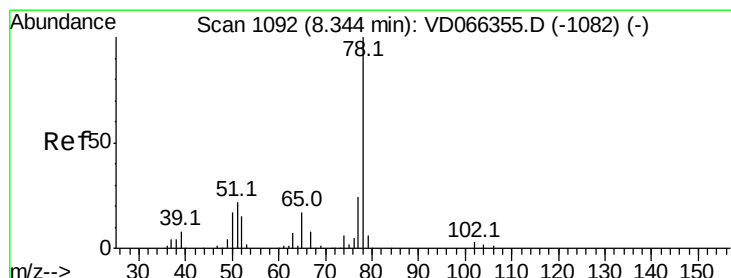
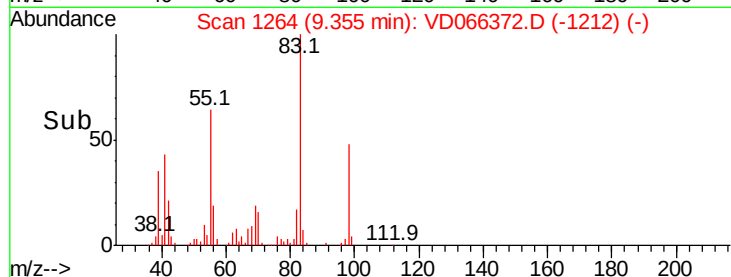
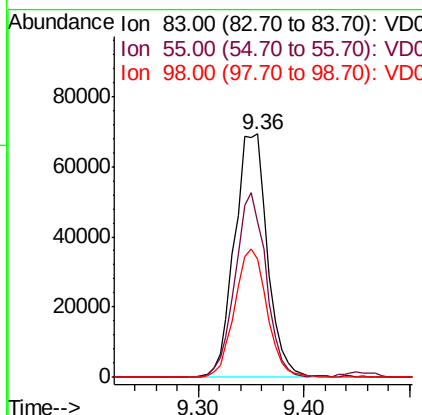
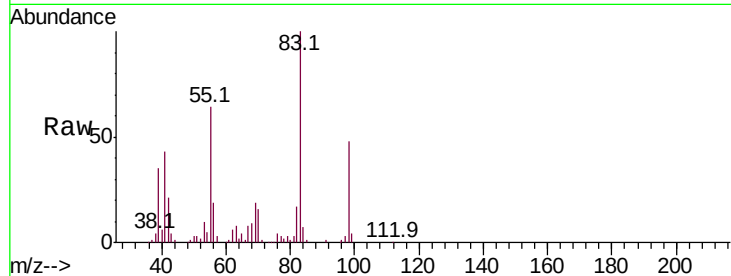




#39
Methylvlcyclohexane
Concen: 50.644 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

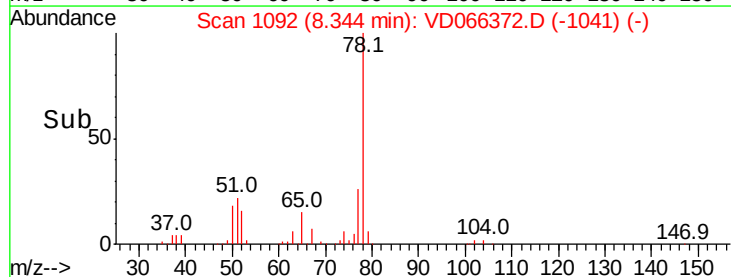
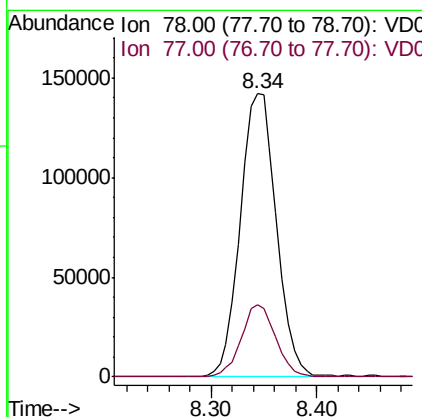
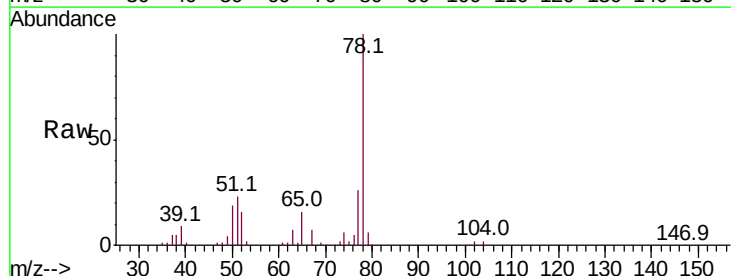
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

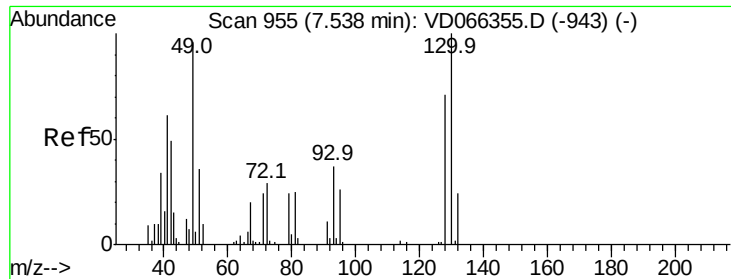
Tot Ion	83	Resp	149920
Ion Ratio	Lower	Upper	
83	100		
55	63.8	58.0	87.0
98	48.4	41.9	62.9



#40
Benzene
Concen: 51.145 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

Tgt Ion	78	Resp	338120
Ion Ratio	Lower	Upper	
78	100		
77	25.7	18.8	28.2

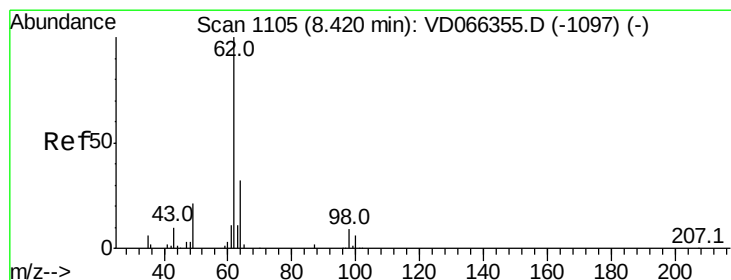
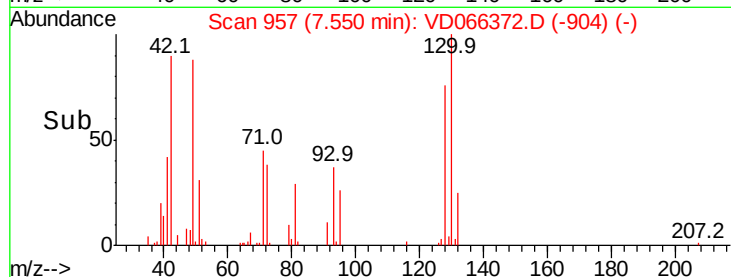
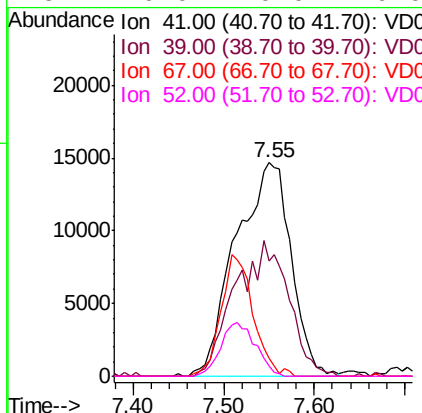
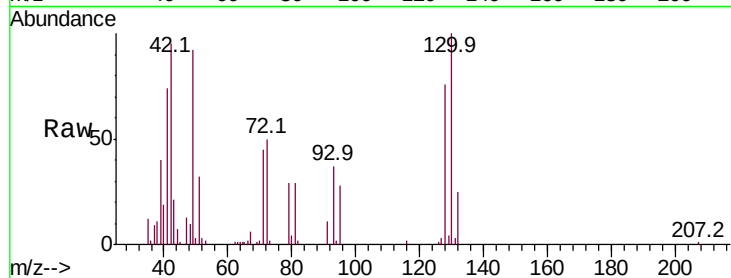




#41
Methacrylonitrile
Concen: 118.024 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

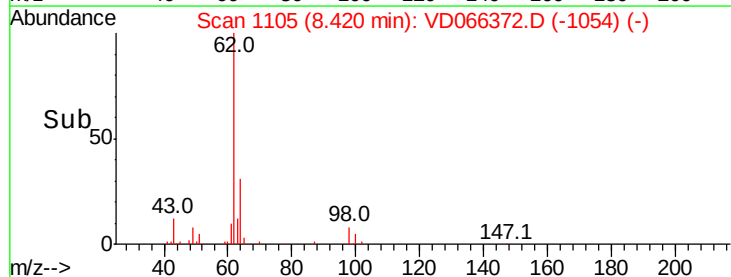
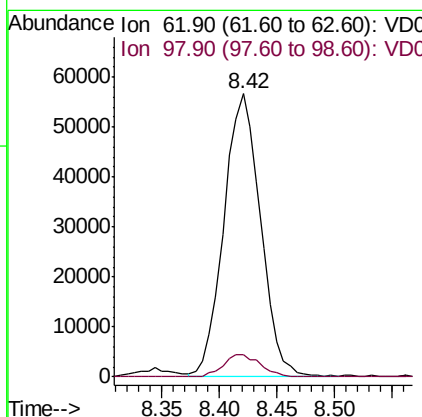
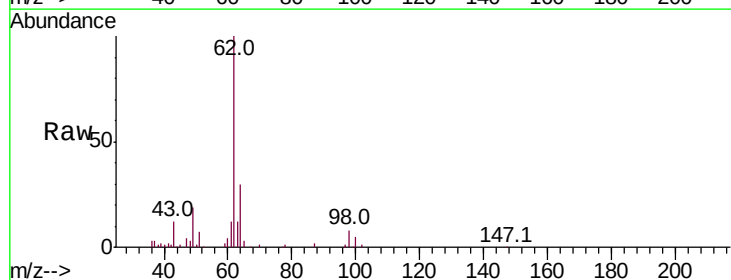
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

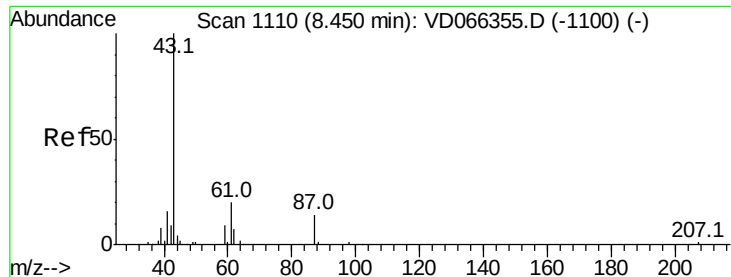
Tot Ion: 41 Resp: 62209
Ion Ratio Lower Upper
41 100
39 0.0 51.8 77.8#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.725 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

Tgt Ion: 62 Resp: 125093
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.2





#43

Isopropyl Acetate

Concen: 48.925 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

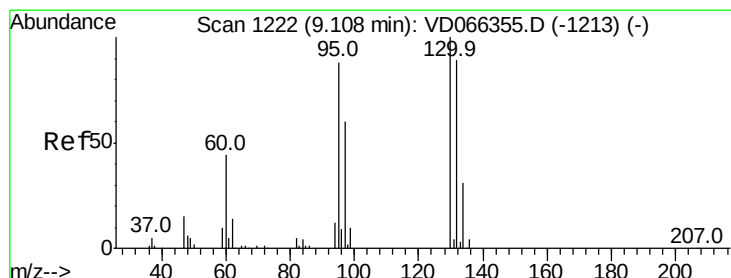
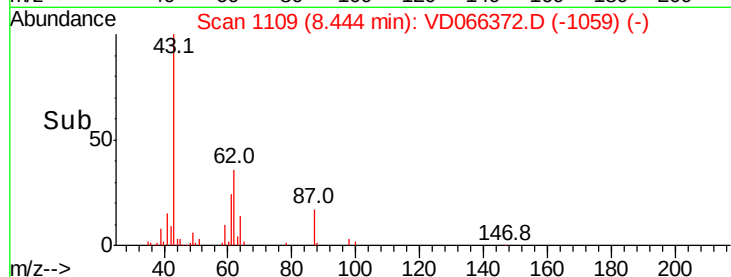
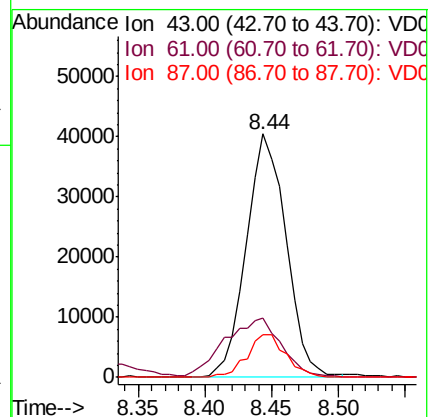
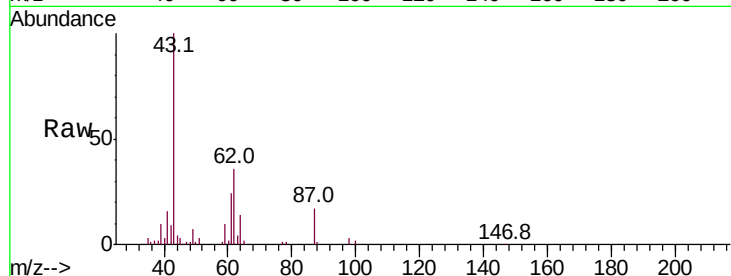
Tot Ion: 43 Resp: 83933

Ion Ratio Lower Upper

43 100

61 34.6 26.5 39.7

87 16.9 11.9 17.9



#44

Trichloroethene

Concen: 50.259 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066372.D

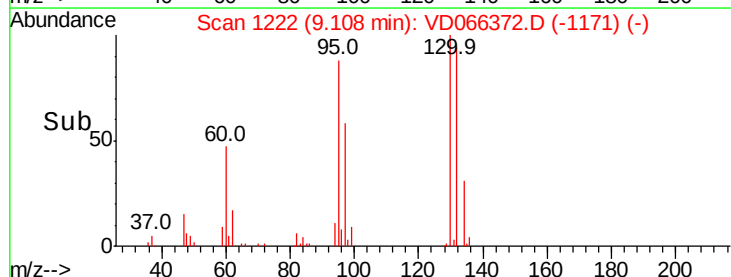
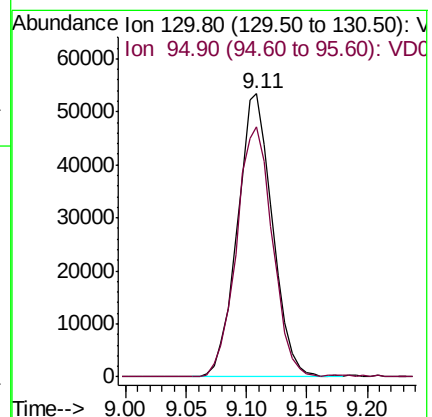
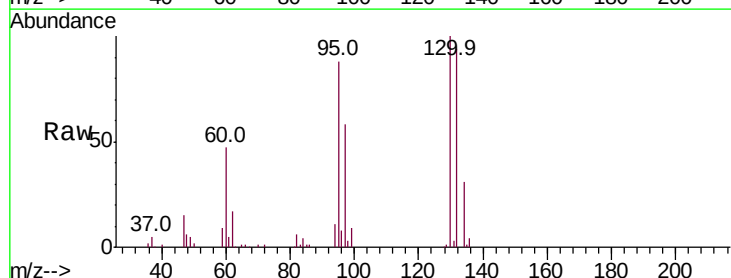
Acq: 24 Aug 2020 10:31

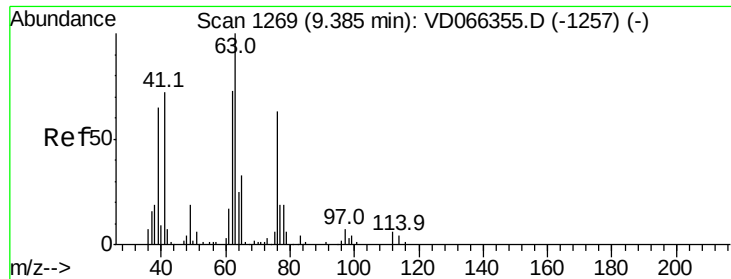
Tgt Ion:130 Resp: 107965

Ion Ratio Lower Upper

130 100

95 88.3 0.0 175.6

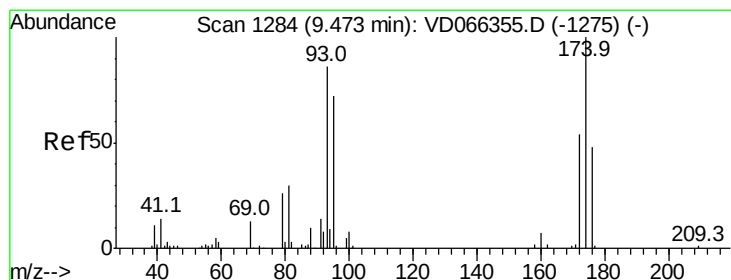
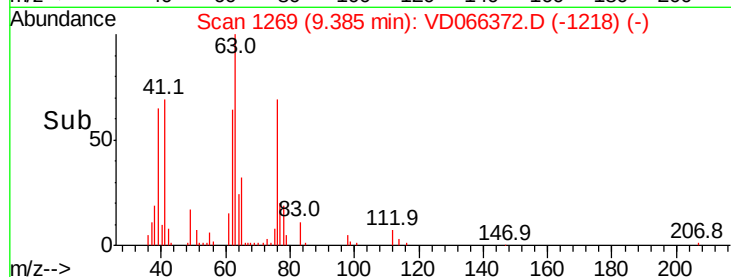
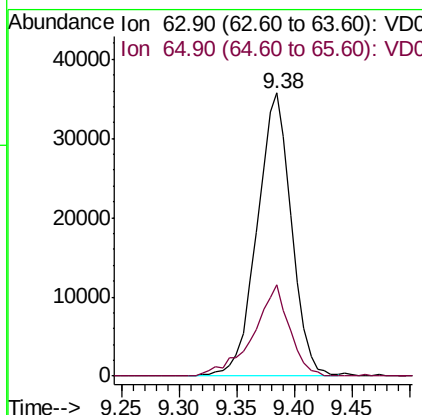
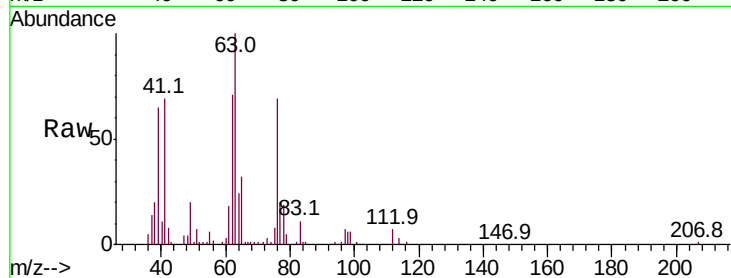




#45
 1,2-Dichloropropane
 Concen: 49.401 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066372.D
 Acq: 24 Aug 2020 10:31

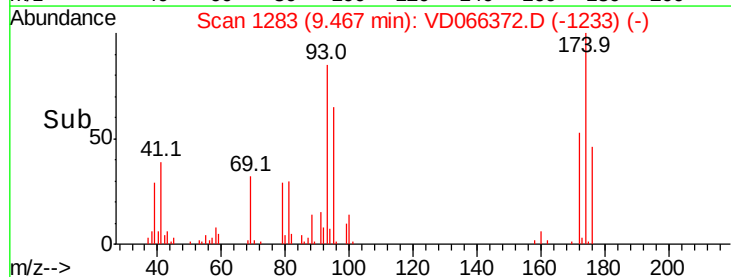
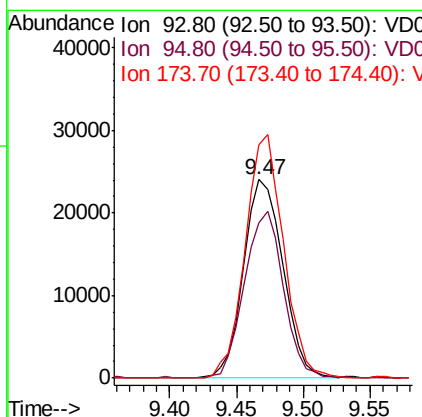
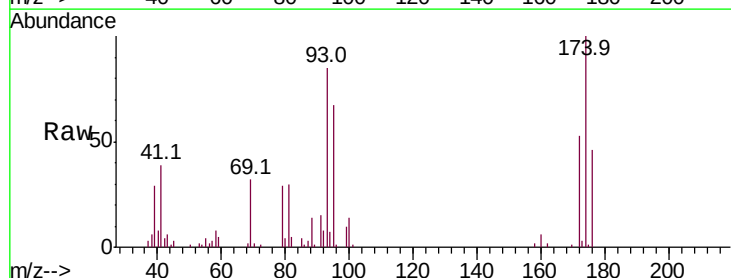
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

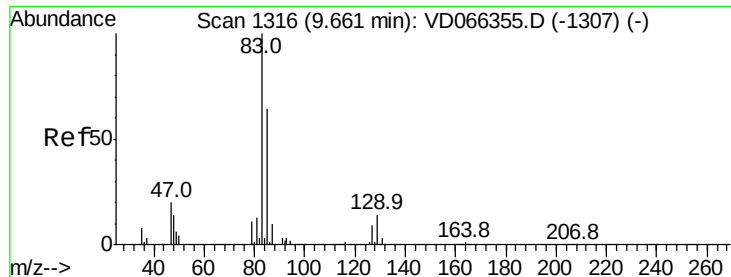
Tot Ion: 63 Resp: 74040
 Ion Ratio Lower Upper
 63 100
 65 32.4 26.4 39.6



#46
 Dibromomethane
 Concen: 52.793 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066372.D
 Acq: 24 Aug 2020 10:31

Tgt Ion: 93 Resp: 49264
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.0 99.0
 174 118.6 94.6 141.8





#47

Bromodichloromethane

Concen: 52.393 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

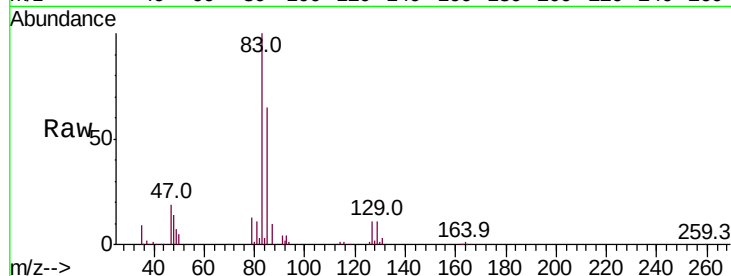
Tot Ion: 83 Resp: 134451

Ion Ratio Lower Upper

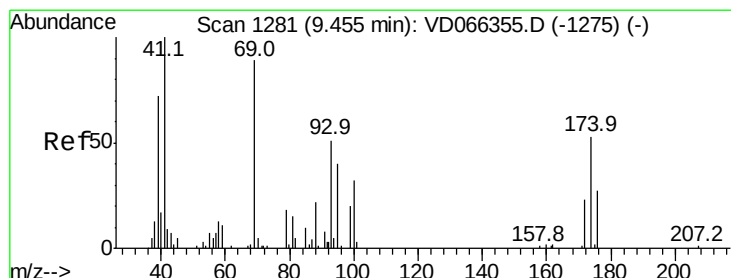
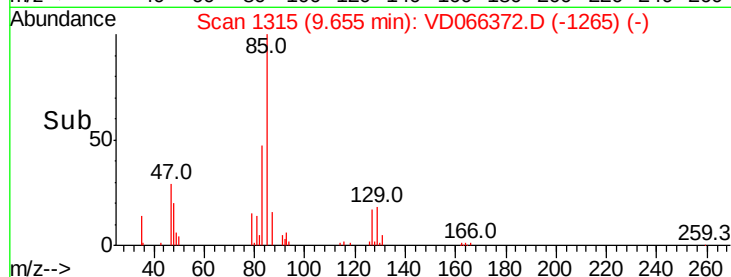
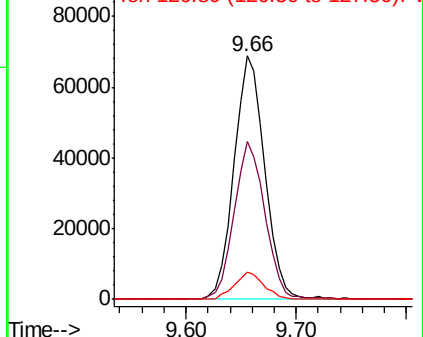
83 100

85 64.7 51.4 77.0

127 11.0 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 51.427 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

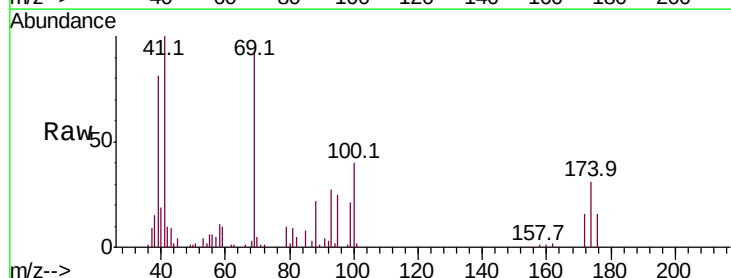
Tgt Ion: 41 Resp: 45495

Ion Ratio Lower Upper

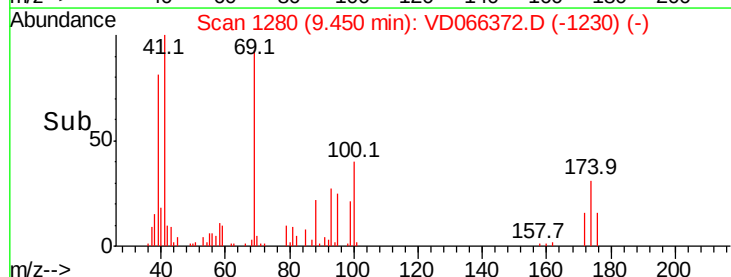
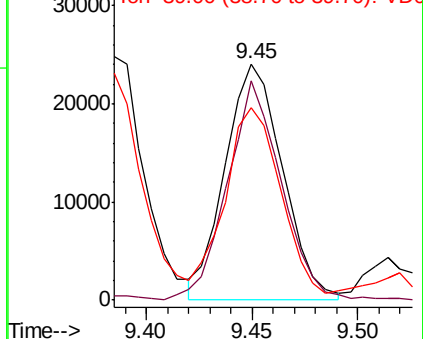
41 100

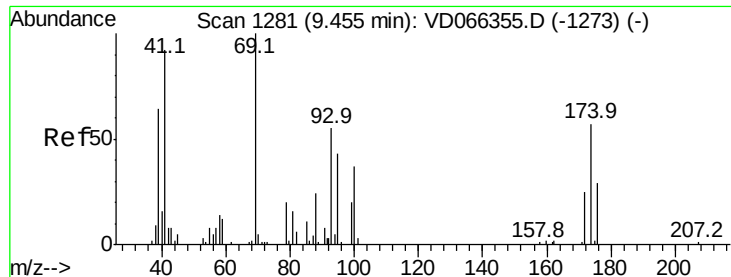
69 87.2 75.5 113.3

39 72.6 57.0 85.4



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

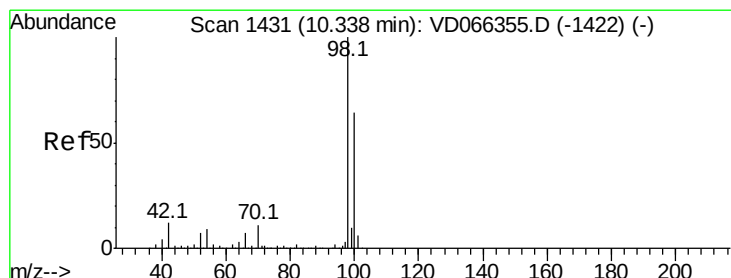
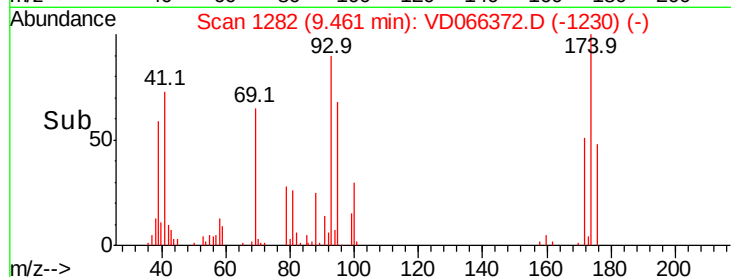
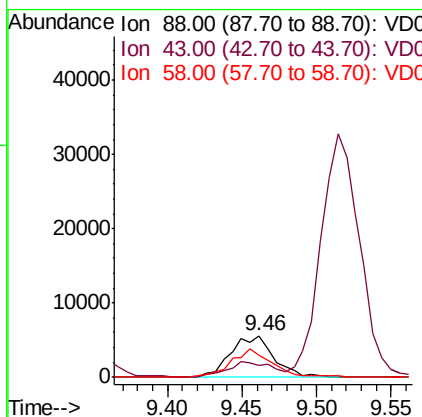
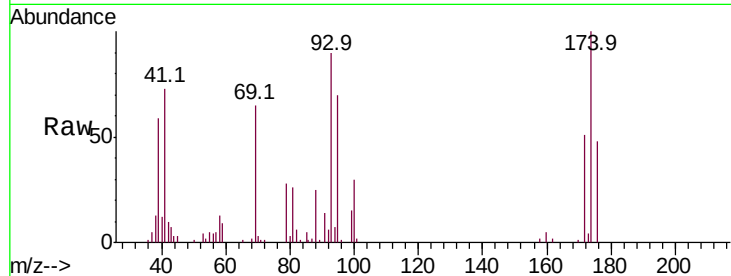




#49
1,4-Dioxane
Concen: 1047.960 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

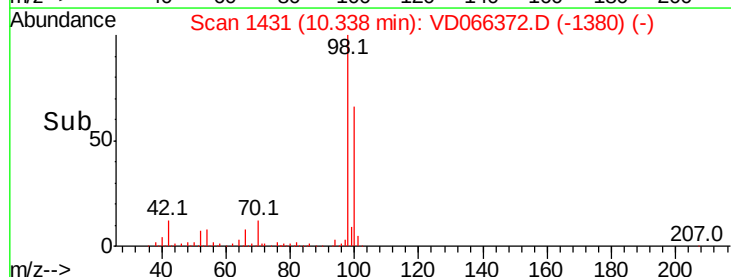
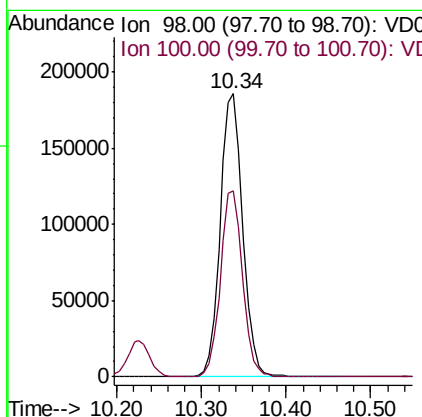
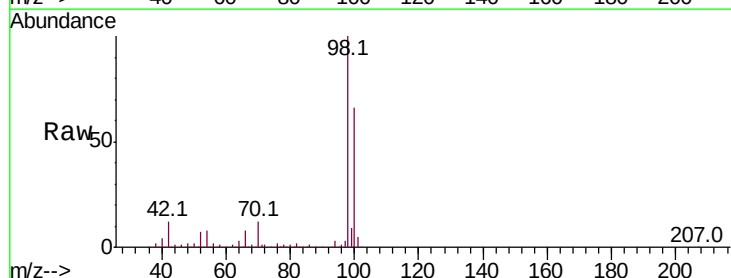
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

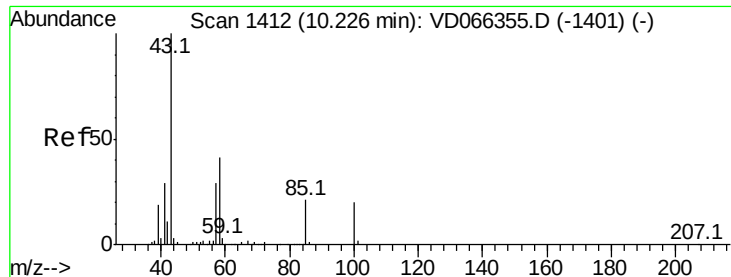
Tot Ion: 88 Resp: 11355
Ion Ratio Lower Upper
88 100
43 38.6 29.4 44.0
58 64.6 45.4 68.2



#50
Toluene-d8
Concen: 54.432 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

Tgt Ion: 98 Resp: 342993
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 257.515 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

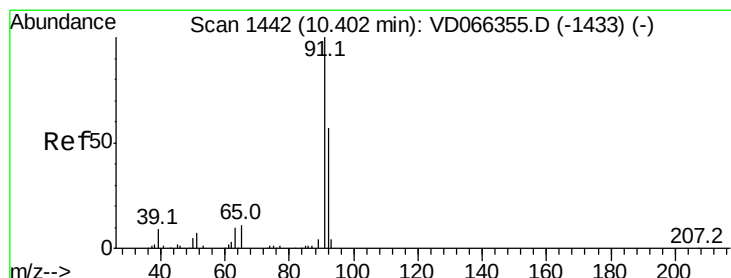
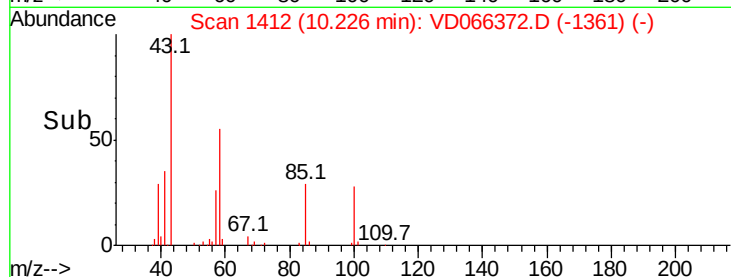
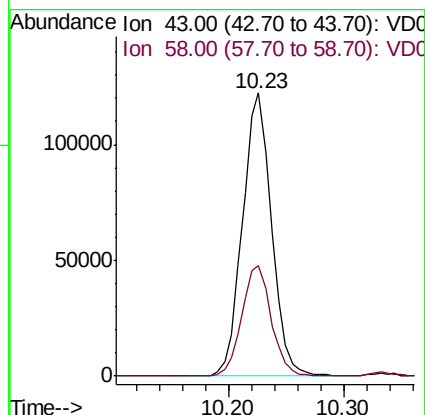
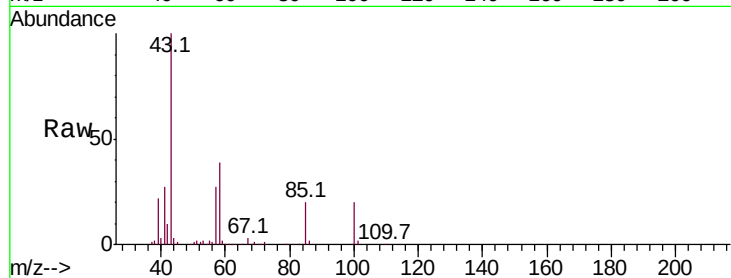
VSTDCCC050

Tot Ion: 43 Resp: 213714

Ion Ratio Lower Upper

43 100

58 39.6 31.4 47.2



#52

Toluene

Concen: 51.378 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066372.D

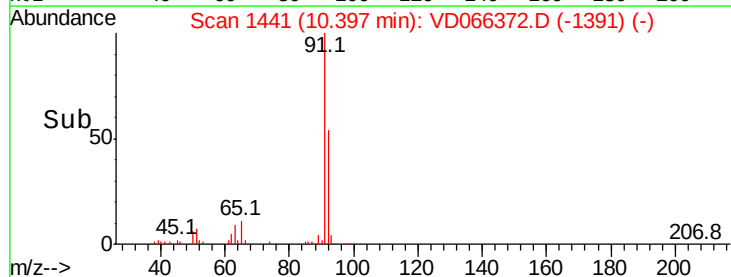
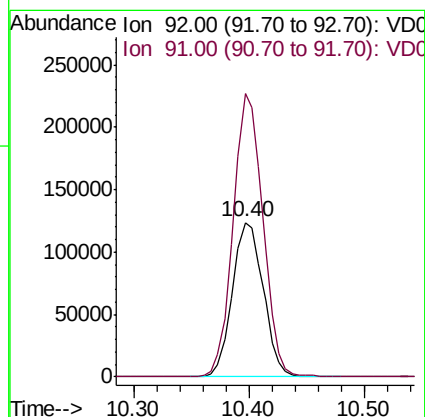
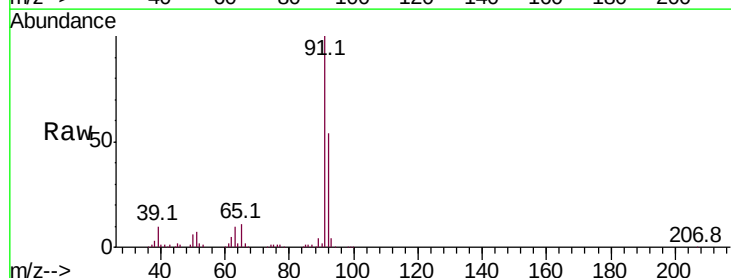
Acq: 24 Aug 2020 10:31

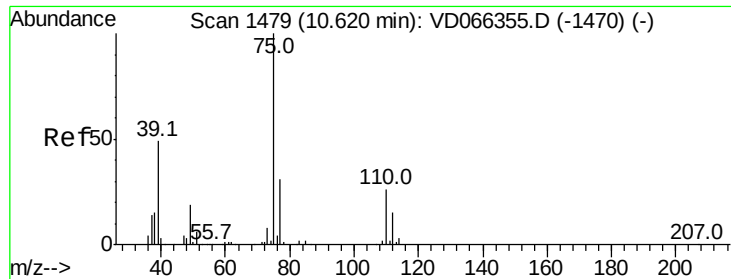
Tgt Ion: 92 Resp: 230120

Ion Ratio Lower Upper

92 100

91 176.6 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 51.520 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

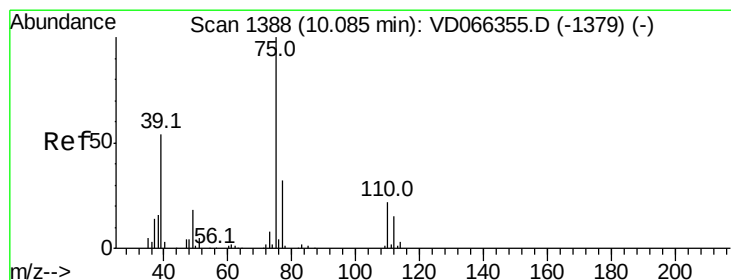
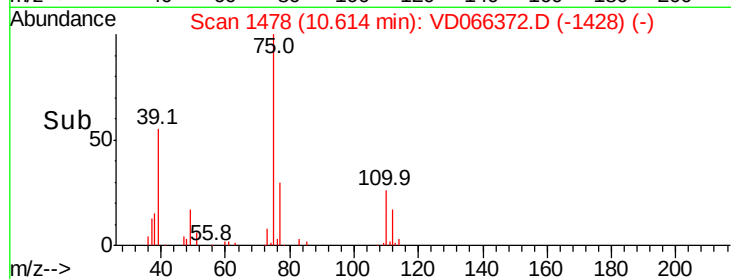
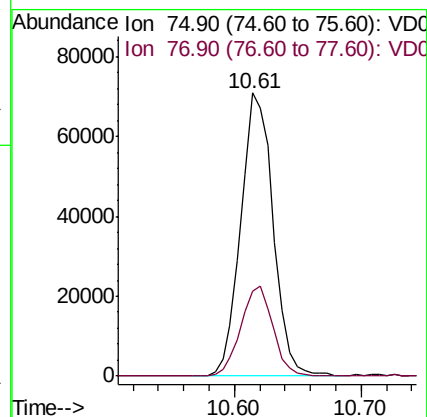
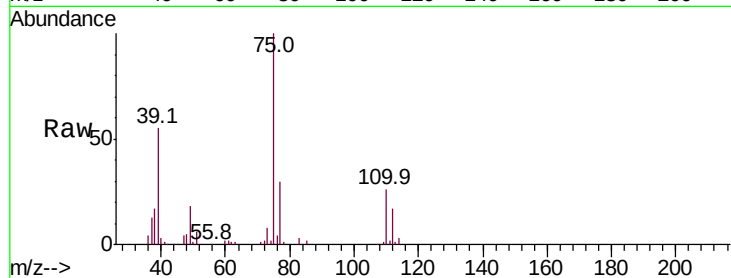
VSTDCCC050

Tot Ion: 75 Resp: 125452

Ion Ratio Lower Upper

75 100

77 30.0 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 51.018 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

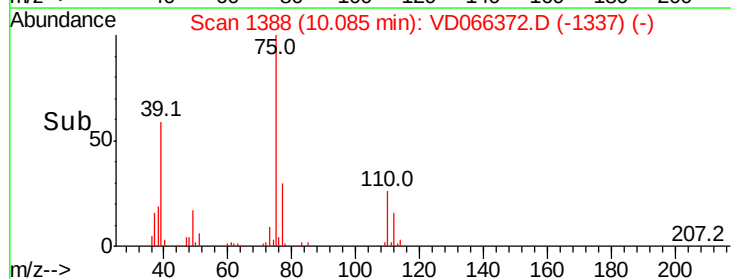
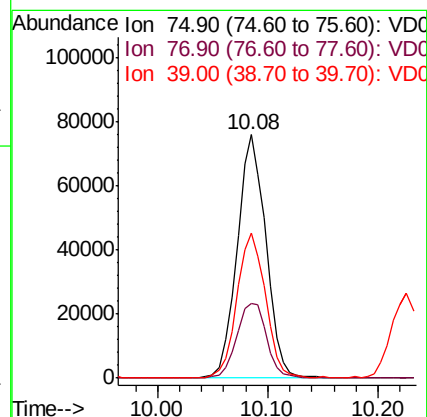
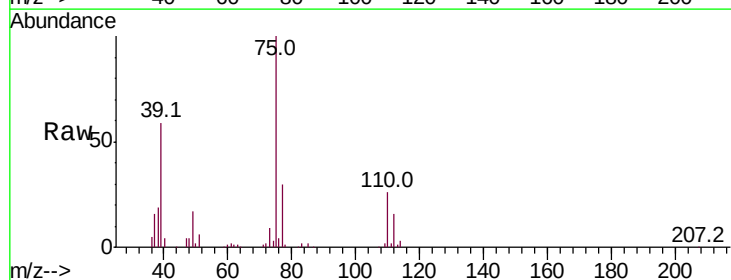
Tgt Ion: 75 Resp: 139444

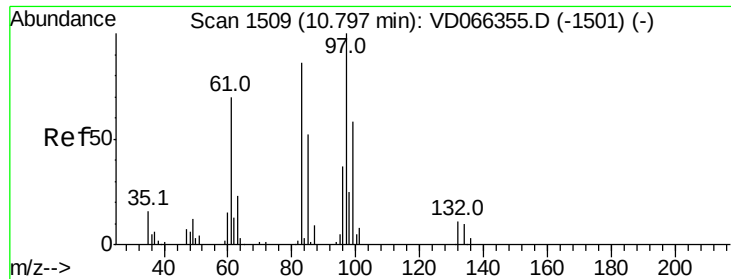
Ion Ratio Lower Upper

75 100

77 30.4 25.6 38.4

39 59.5 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 50.247 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 63476

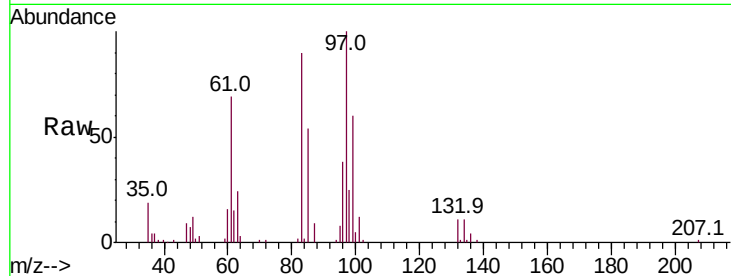
Ion	Ratio	Lower	Upper
97	100		
83	90.0	68.4	102.6
85	54.0	41.3	61.9
99	60.0	46.1	69.1

97 100

83 90.0 68.4 102.6

85 54.0 41.3 61.9

99 60.0 46.1 69.1



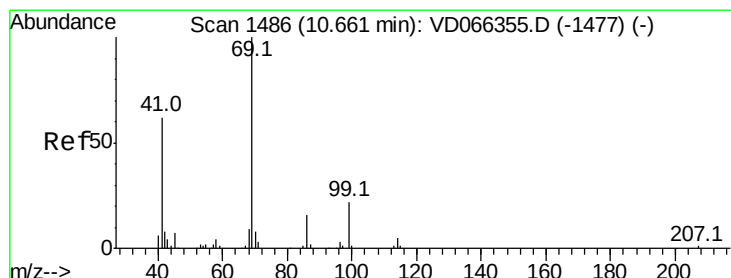
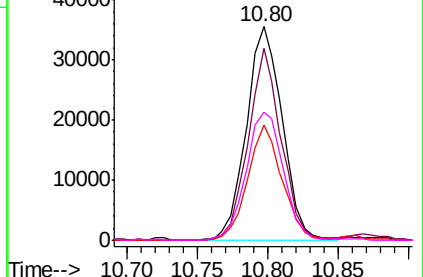
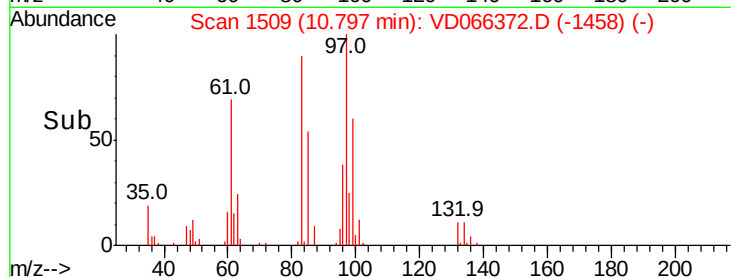
Abundance Ion 96.90 (96.60 to 97.60): VDC

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

Time-->



#56

Ethyl methacrylate

Concen: 51.274 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

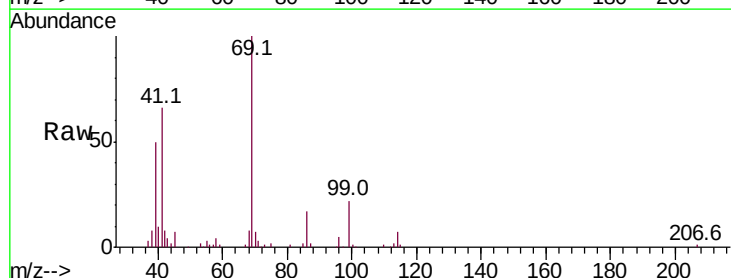
Tgt Ion: 69 Resp: 74983

Ion	Ratio	Lower	Upper
69	100		
41	67.1	50.8	76.2
39	49.3	32.9	49.3

69 100

41 67.1 50.8 76.2

39 49.3 32.9 49.3

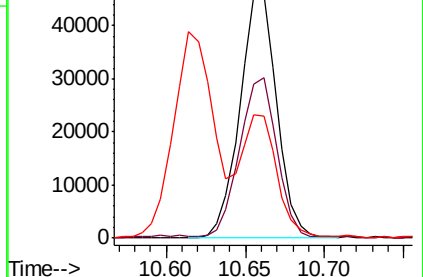
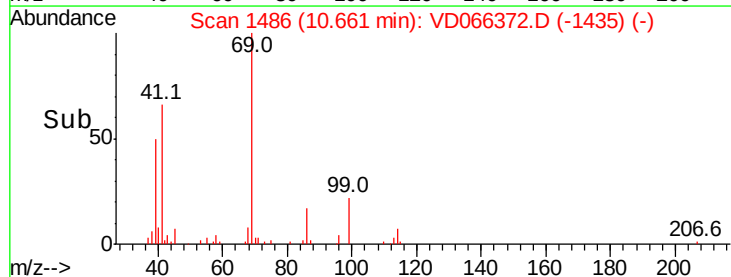


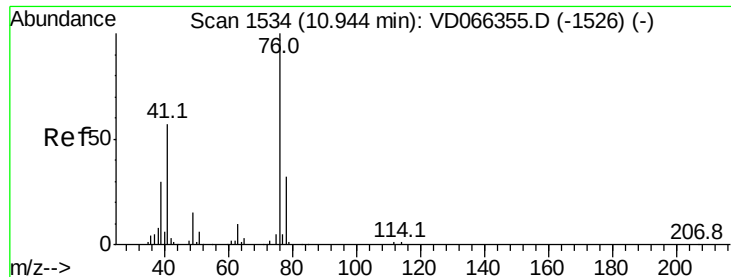
Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Time-->





#57

1,3-Dichloropropane

Concen: 51.057 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

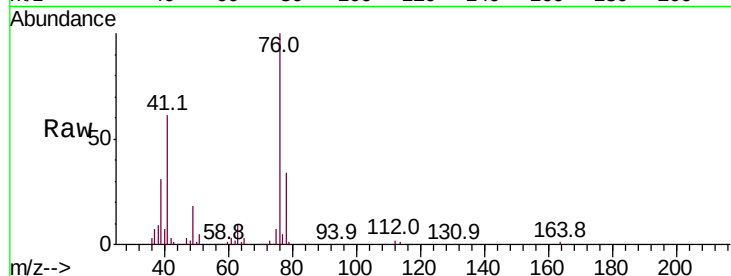
VSTDCCC050

Tot Ion: 76 Resp: 106688

Ion Ratio Lower Upper

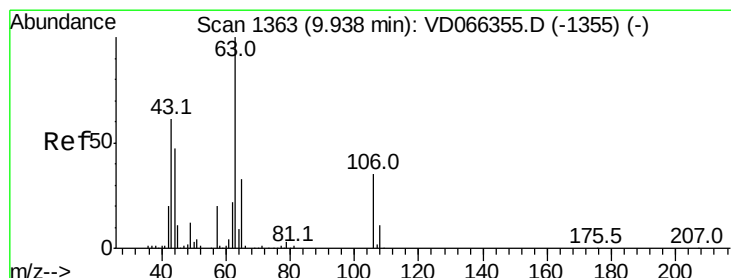
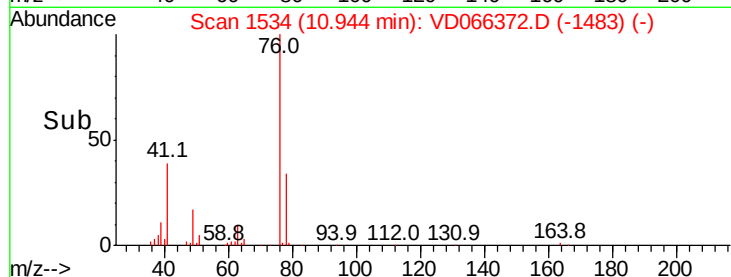
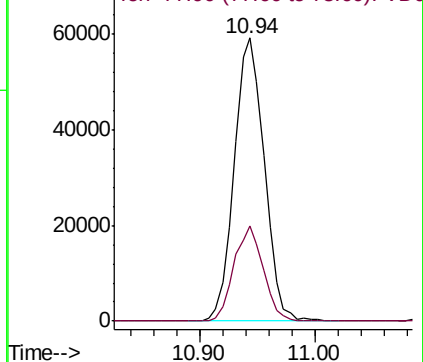
76 100

78 32.8 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 265.058 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066372.D

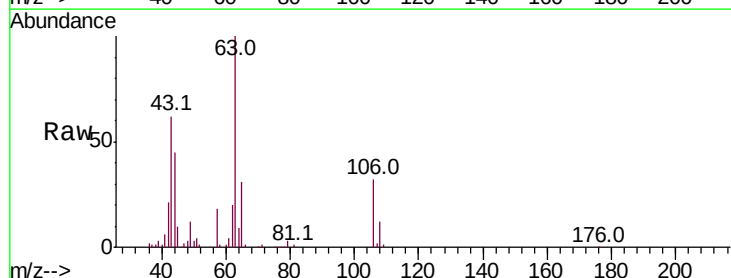
Acq: 24 Aug 2020 10:31

Tgt Ion: 63 Resp: 160988

Ion Ratio Lower Upper

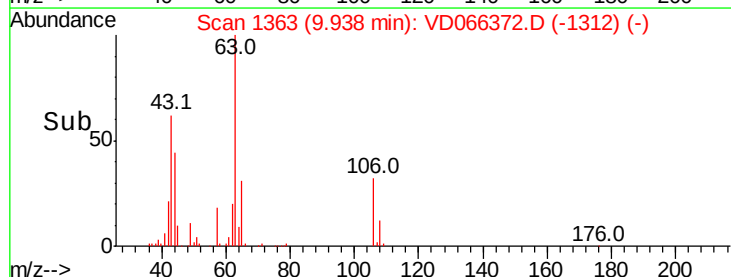
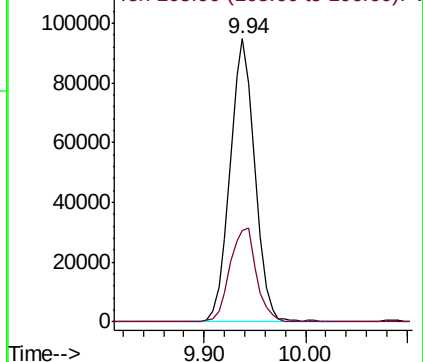
63 100

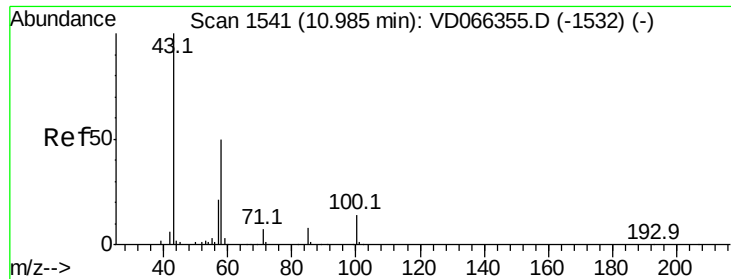
106 35.4 27.1 40.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

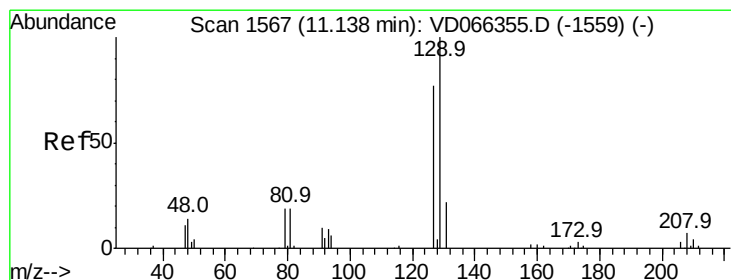
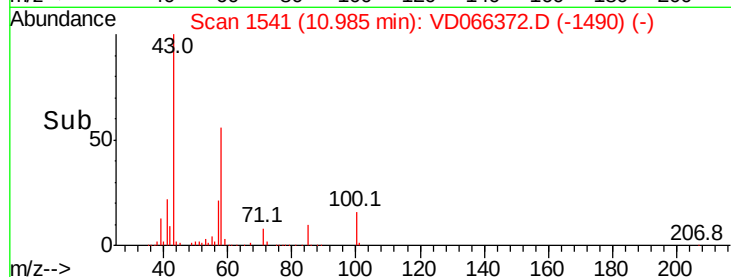
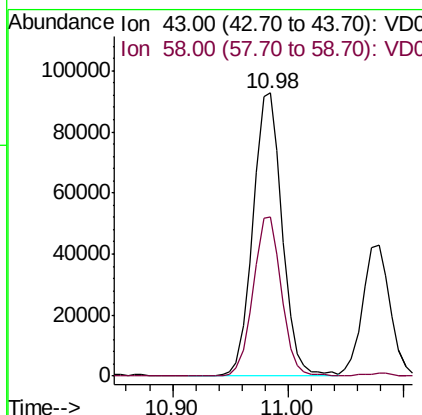
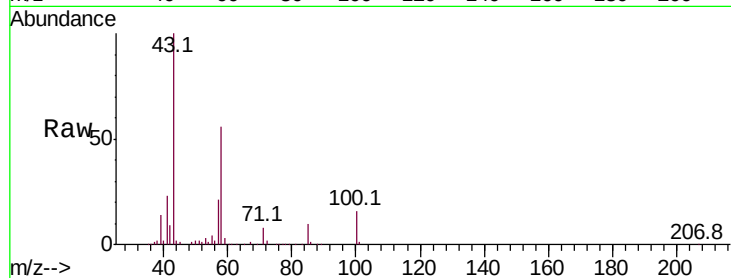




#59
2-Hexanone
Concen: 280.982 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

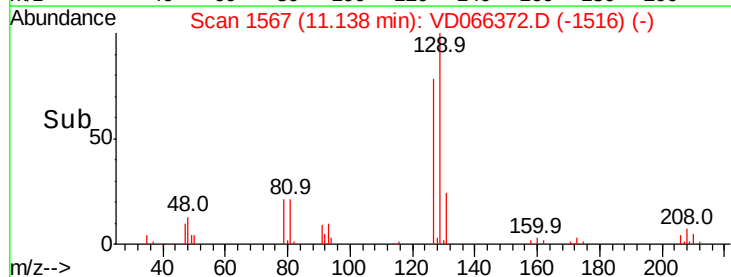
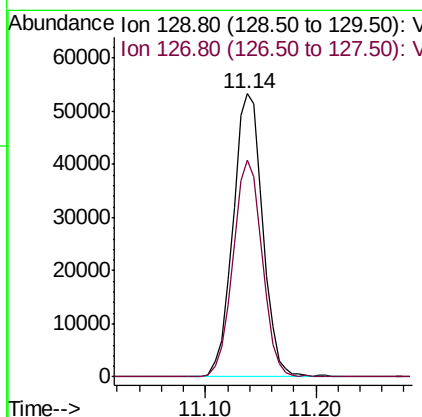
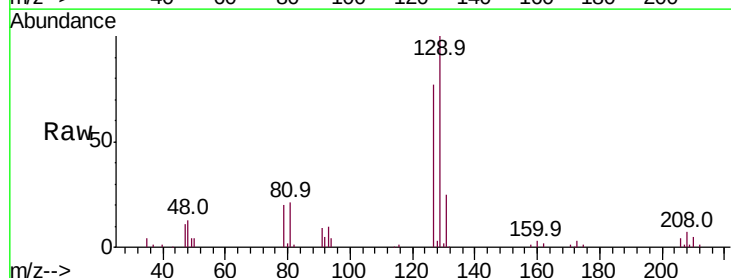
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

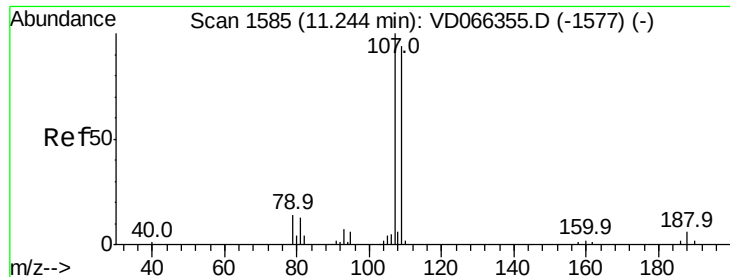
Tot Ion: 43 Resp: 164484
Ion Ratio Lower Upper
43 100
58 54.1 26.3 78.8



#60
Dibromochloromethane
Concen: 52.907 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

Tgt Ion: 129 Resp: 100744
Ion Ratio Lower Upper
129 100
127 74.7 39.0 117.0

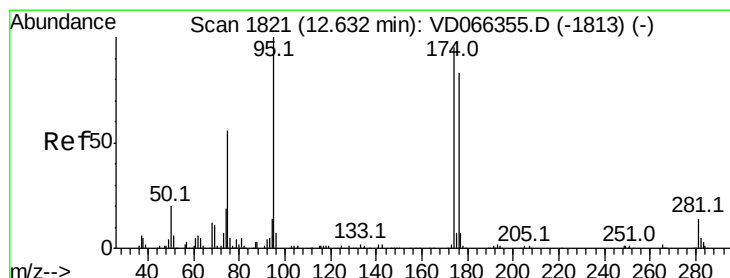
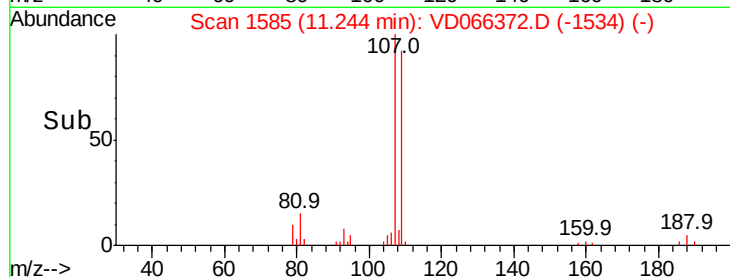
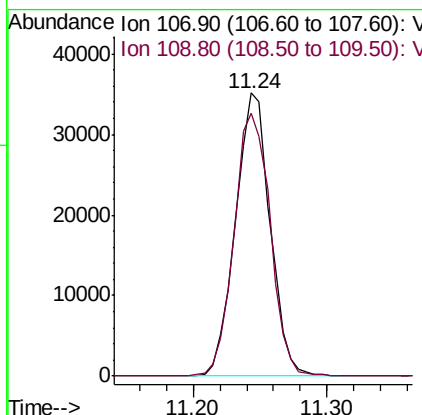
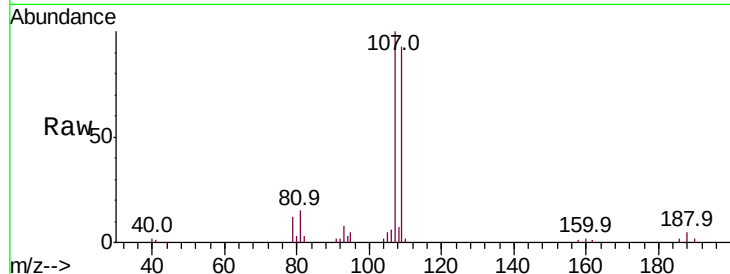




#61
 1,2-Dibromoethane
 Concen: 50.820 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066372.D
 Acq: 24 Aug 2020 10:31

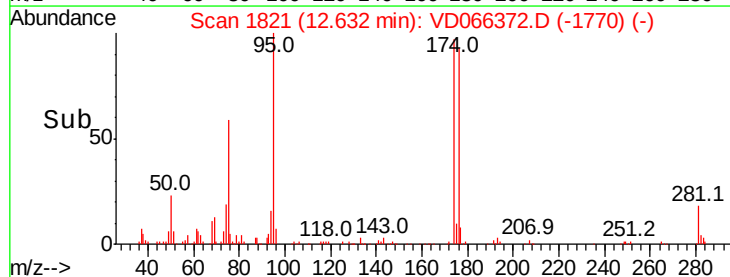
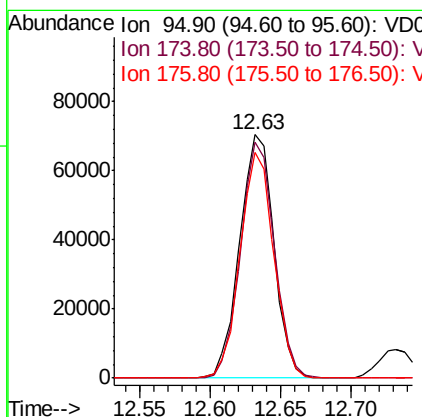
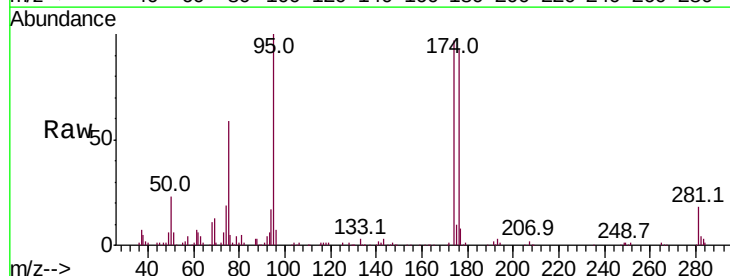
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

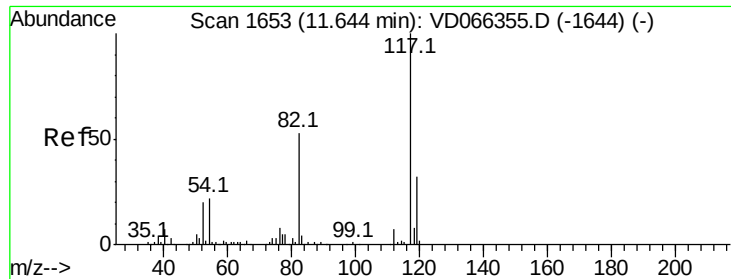
Tot Ion:107 Resp: 63179
 Ion Ratio Lower Upper
 107 100
 109 96.6 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 53.419 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066372.D
 Acq: 24 Aug 2020 10:31

Tgt Ion: 95 Resp: 119444
 Ion Ratio Lower Upper
 95 100
 174 95.8 0.0 183.4
 176 91.6 0.0 173.8

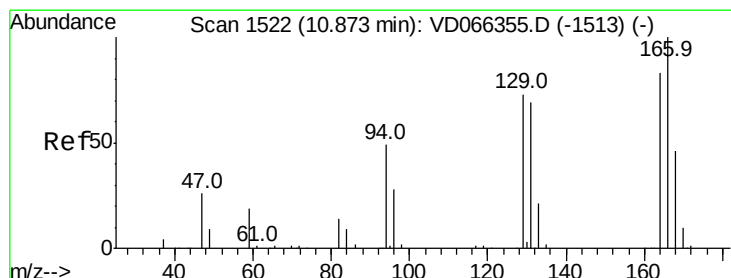
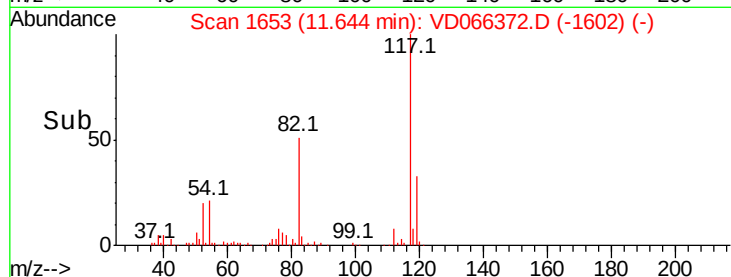
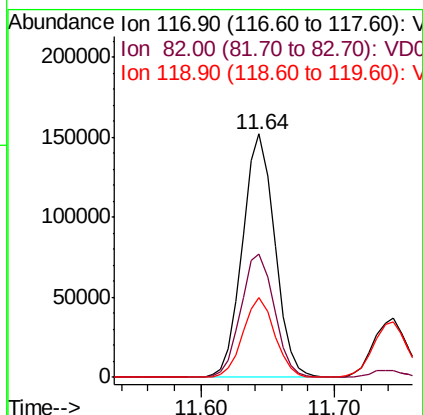
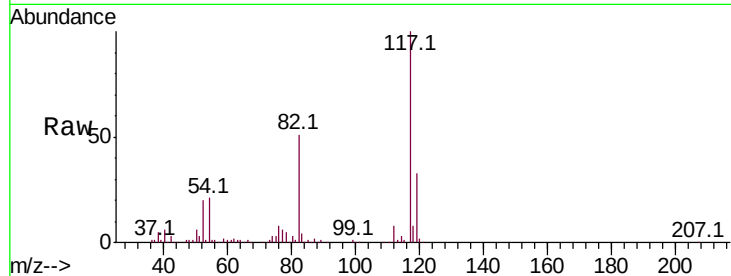




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

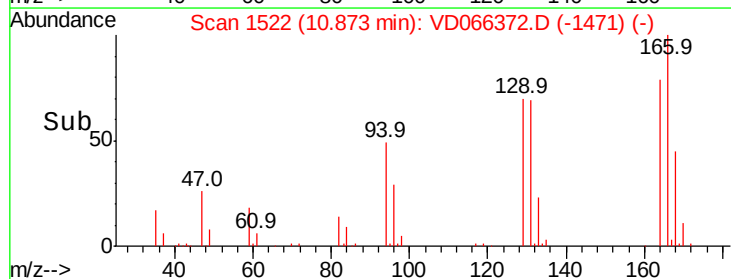
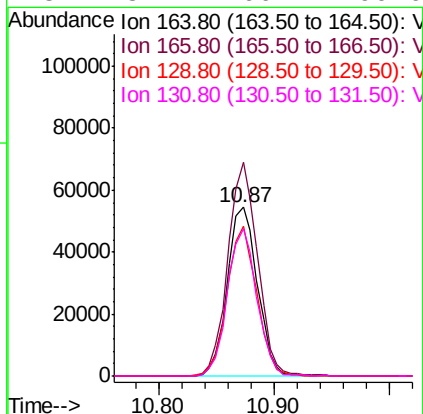
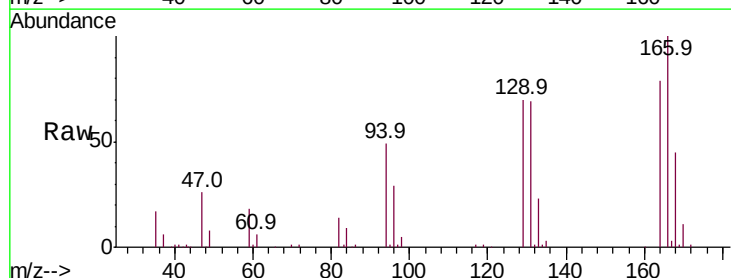
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

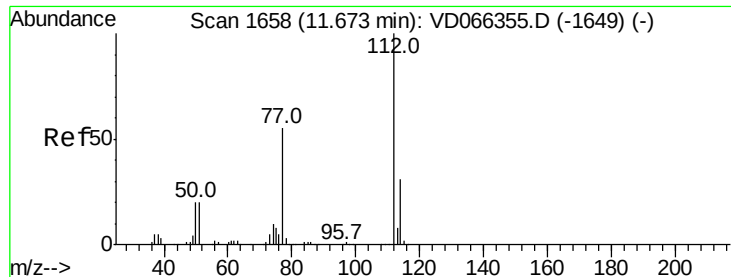
Tot Ion:117 Resp: 254707
Ion Ratio Lower Upper
117 100
82 50.6 42.8 64.2
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 51.060 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

Tgt Ion:164 Resp: 98658
Ion Ratio Lower Upper
164 100
166 126.4 96.2 144.4
129 88.7 70.3 105.5
131 87.1 66.4 99.6





#65

Chlorobenzene

Concen: 50.564 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

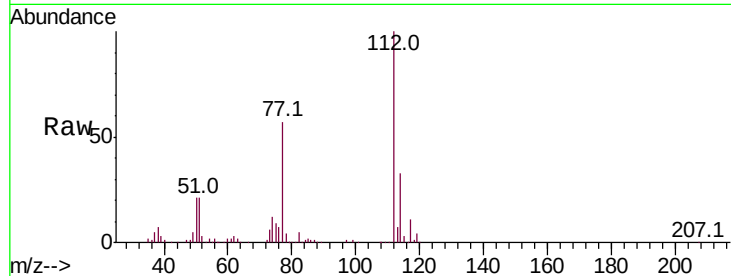
VSTDCCC050

Tot Ion:112 Resp: 256229

Ion Ratio Lower Upper

112 100

114 33.1 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

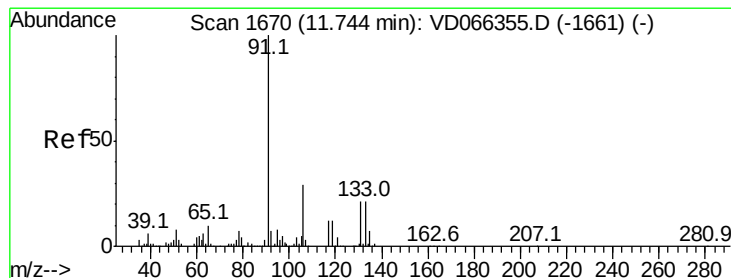
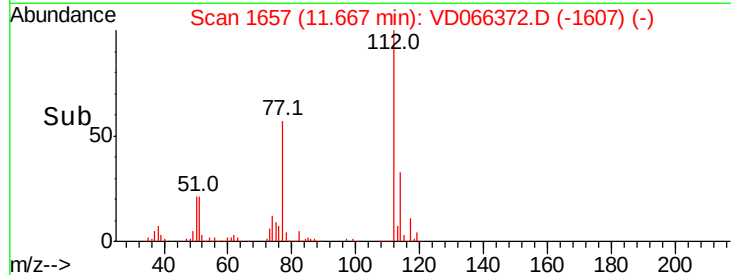
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.163 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

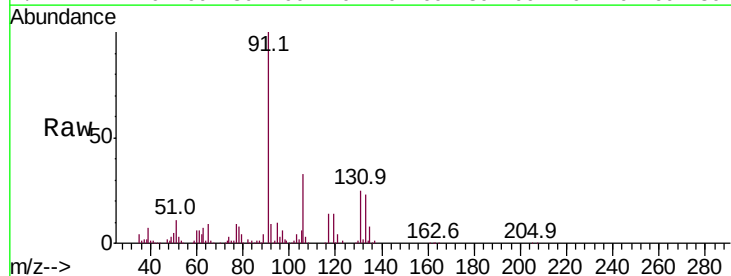
Tgt Ion:131 Resp: 108023

Ion Ratio Lower Upper

131 100

133 95.0 48.6 145.9

119 56.5 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

80000

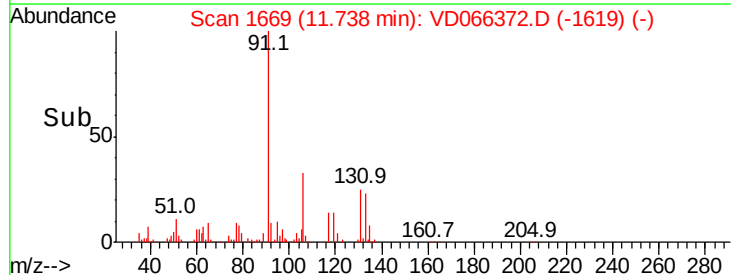
60000

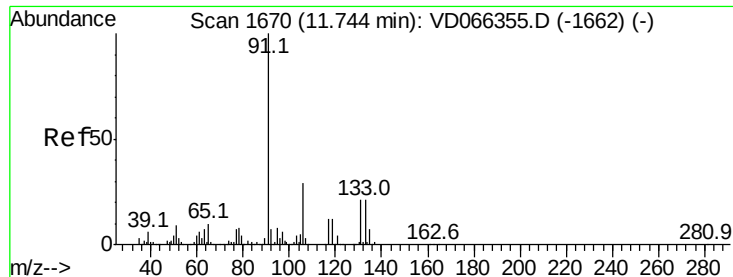
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 51.220 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

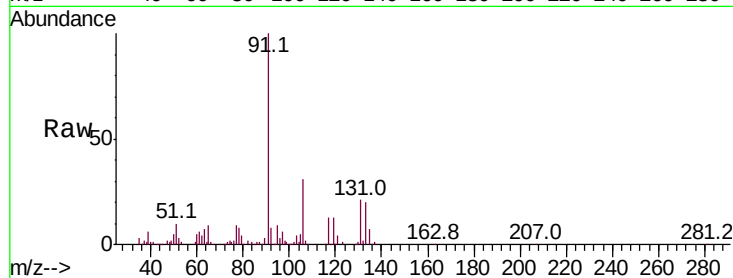
VSTDCCC050

Tot Ion: 91 Resp: 456878

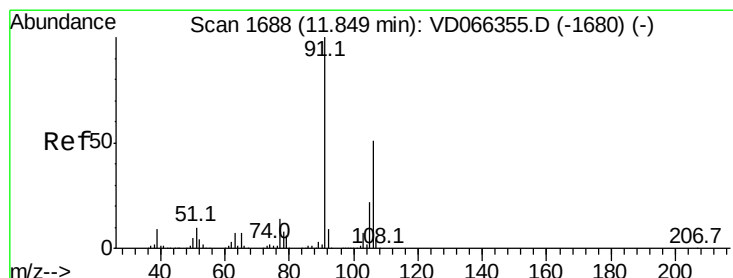
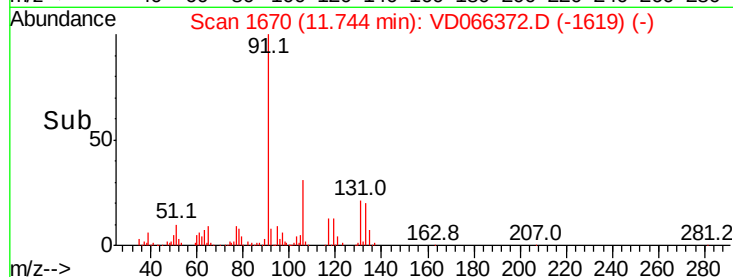
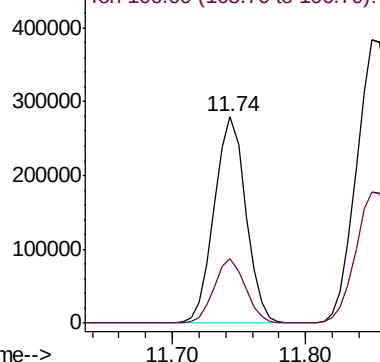
Ion Ratio Lower Upper

91 100

106 31.5 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VD066372.D (-1619) (-)



#68

m/p-Xylenes

Concen: 103.107 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066372.D

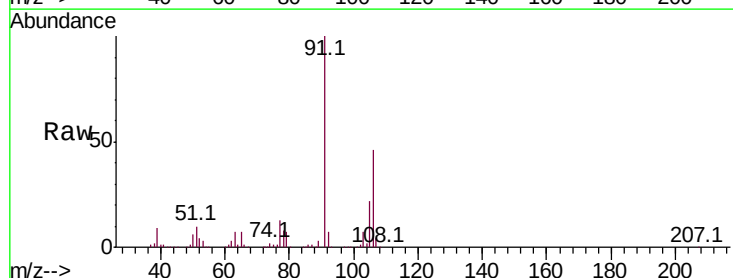
Acq: 24 Aug 2020 10:31

Tgt Ion: 106 Resp: 350552

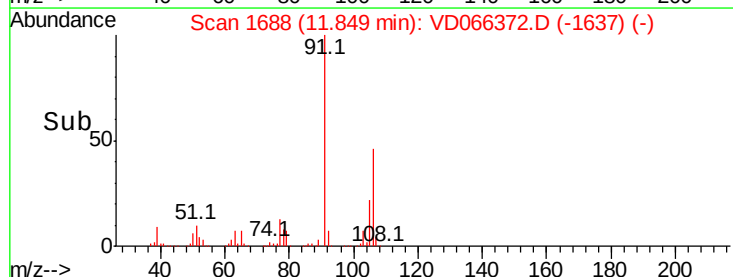
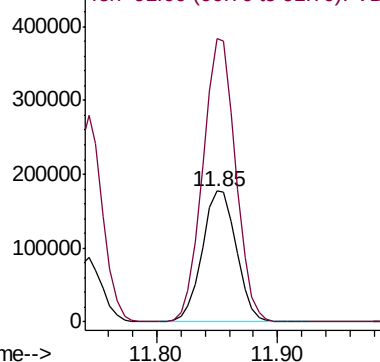
Ion Ratio Lower Upper

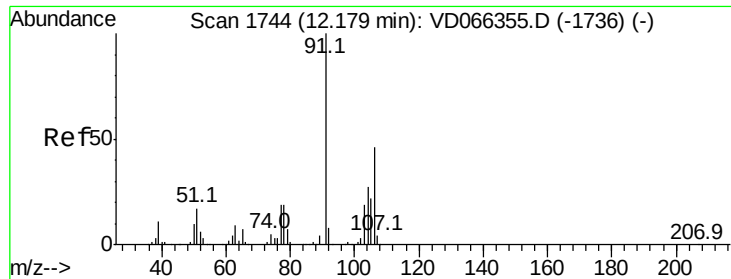
106 100

91 207.4 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VD066372.D (-1637) (-)

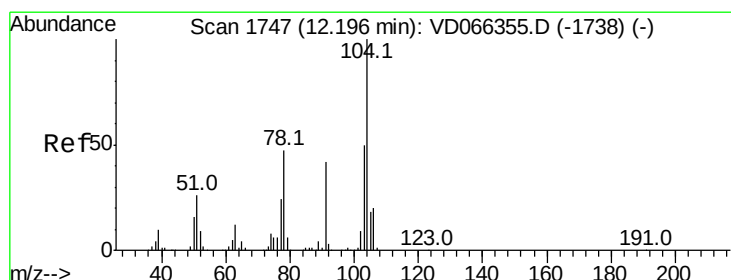
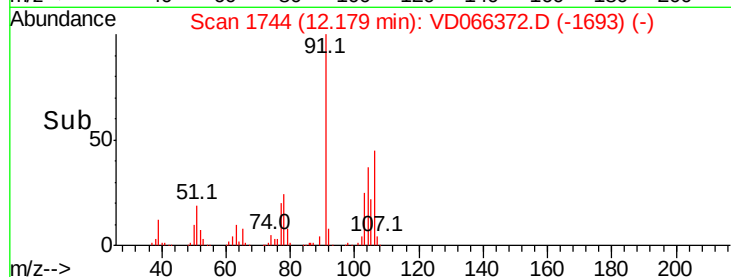
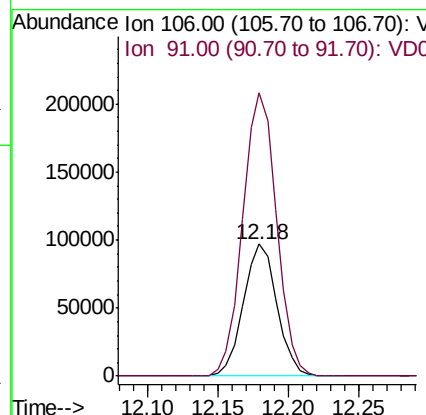
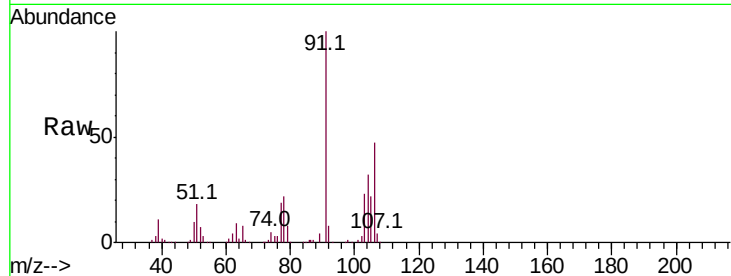




#69
o-Xylene
Concen: 50.955 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

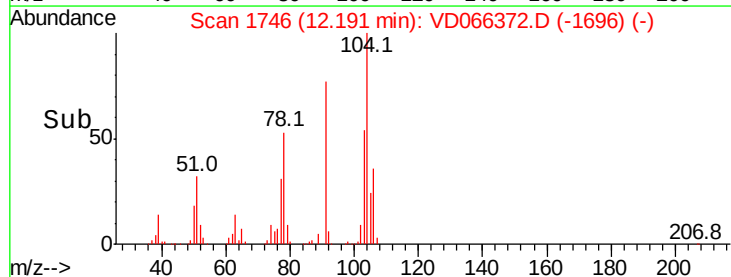
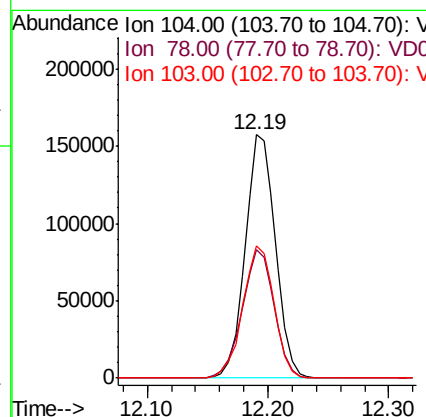
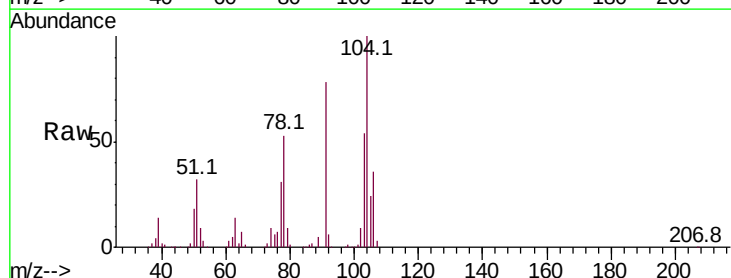
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

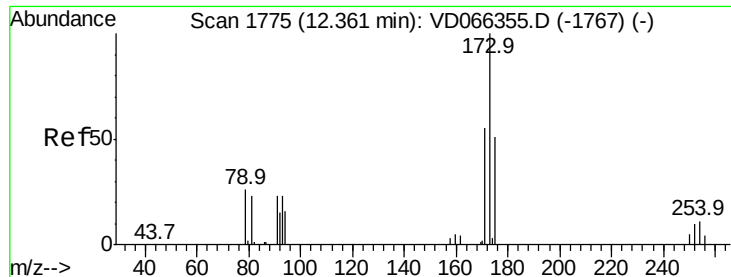
Tot Ion:106 Resp: 161165
Ion Ratio Lower Upper
106 100
91 216.6 109.1 327.3



#70
Styrene
Concen: 50.481 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

Tgt Ion:104 Resp: 274155
Ion Ratio Lower Upper
104 100
78 55.9 41.7 62.5
103 56.4 43.5 65.3





#71

Bromoform

Concen: 51.729 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

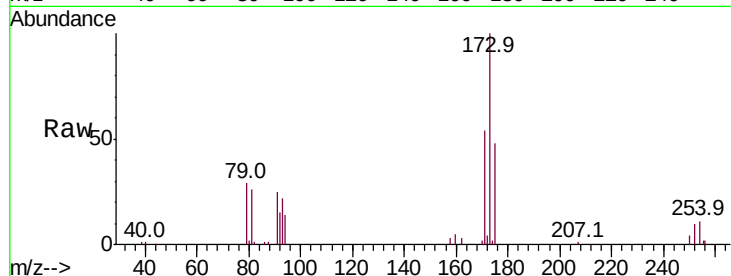
Tot Ion:173 Resp: 60777

Ion Ratio Lower Upper

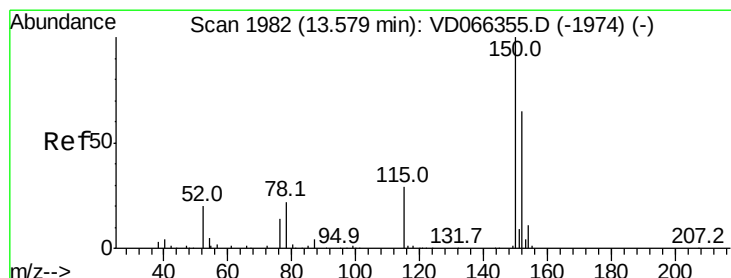
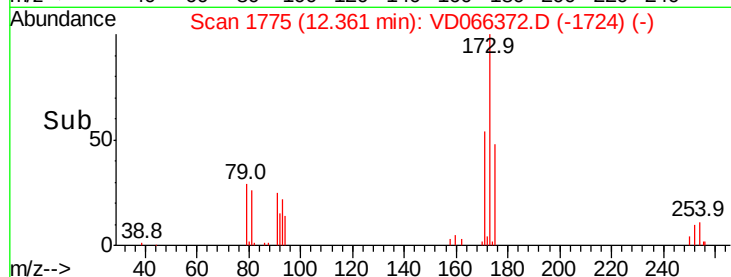
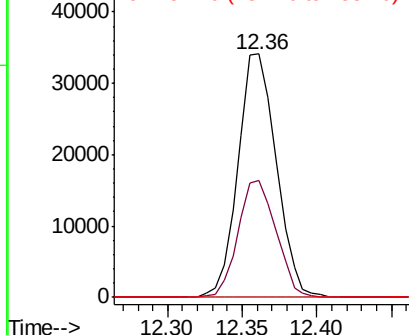
173 100

175 47.7 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: VD066372.D

Acq: 24 Aug 2020 10:31

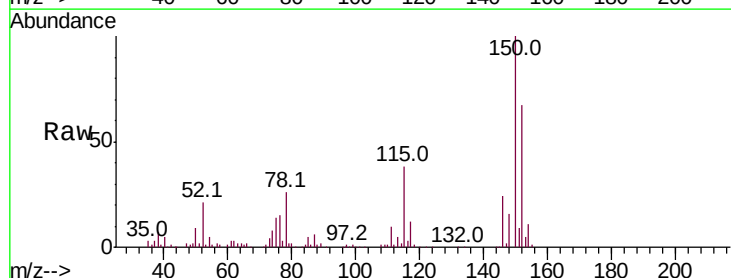
Tgt Ion:152 Resp: 133020

Ion Ratio Lower Upper

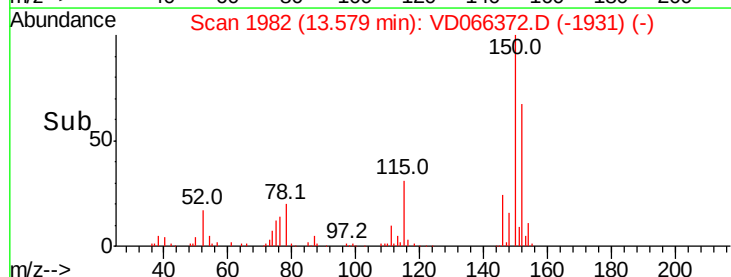
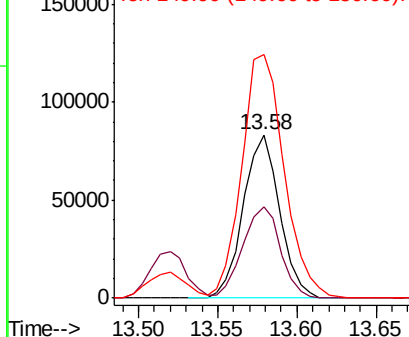
152 100

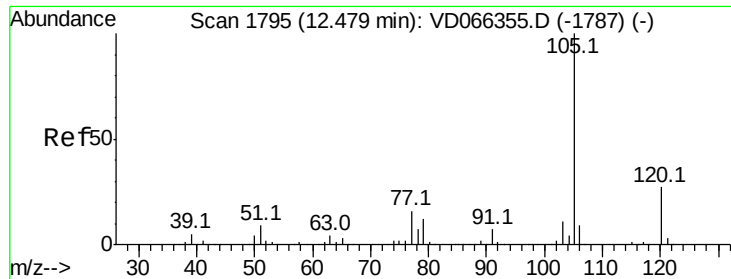
115 58.2 28.3 85.0

150 173.5 0.0 343.2



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

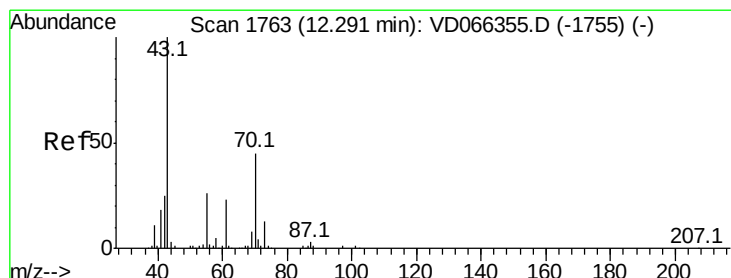
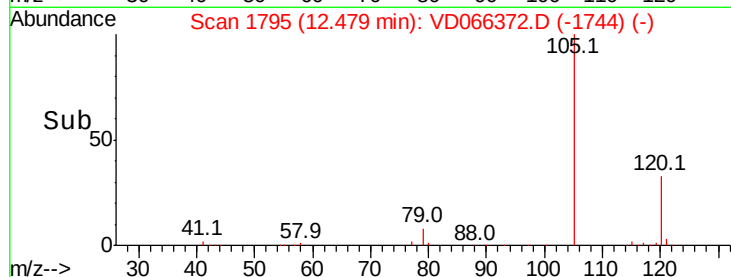
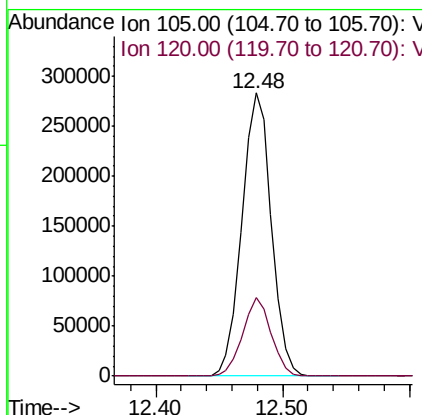
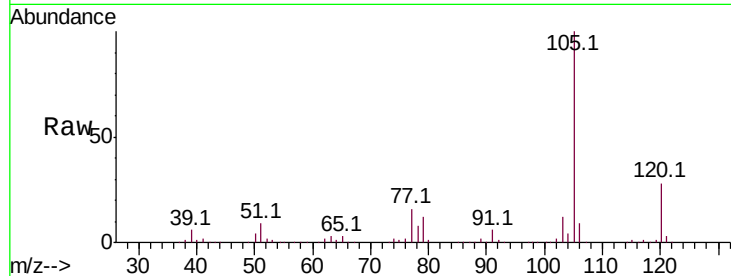




#73
Isopropylbenzene
Concen: 51.063 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

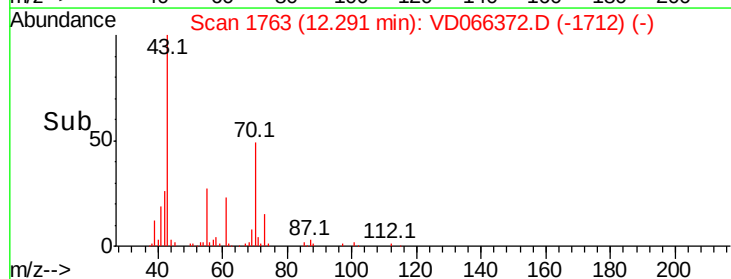
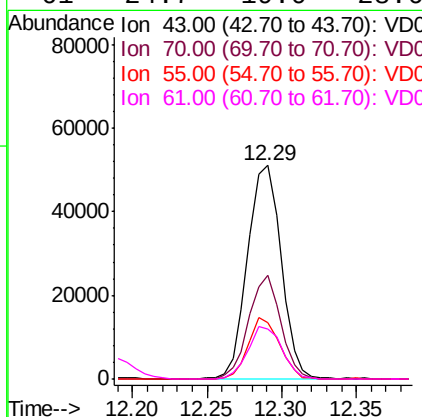
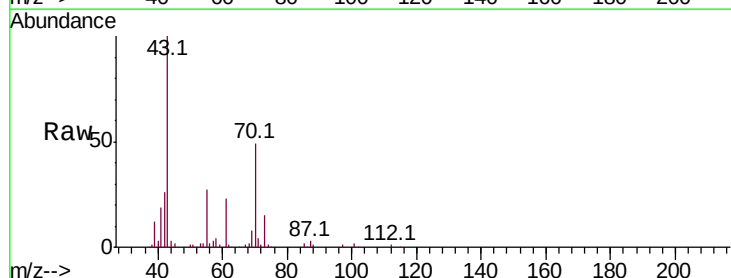
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

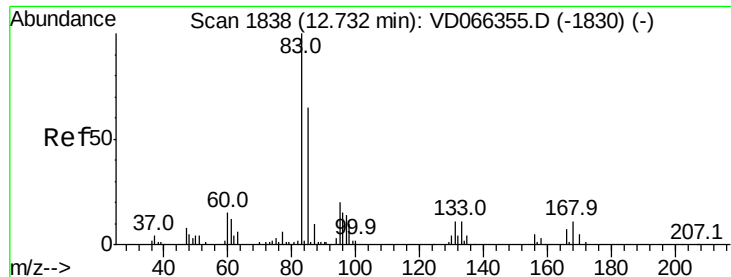
Tot Ion:105 Resp: 455019
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8



#74
N-ethyl acetate
Concen: 49.453 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

Tgt Ion: 43 Resp: 79590
Ion Ratio Lower Upper
43 100
70 46.0 34.8 52.2
55 26.8 20.3 30.5
61 24.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.937 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

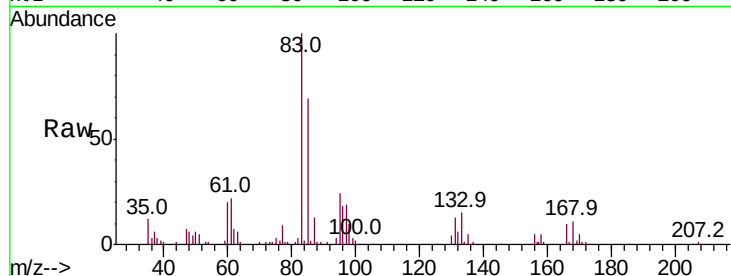
Tot Ion: 83 Resp: 62294

Ion Ratio Lower Upper

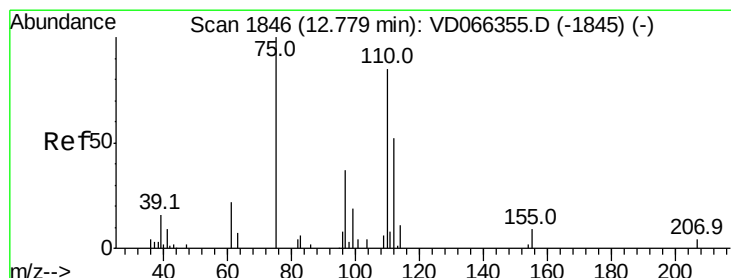
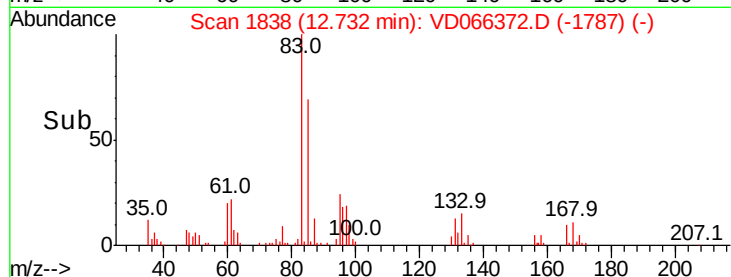
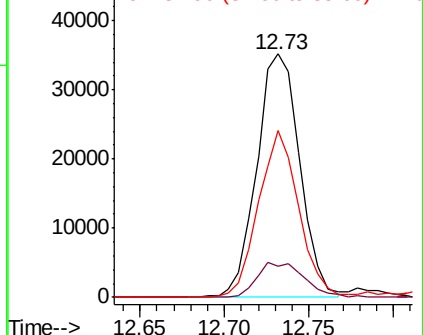
83 100

131 15.6 7.0 20.9

85 64.0 32.4 97.0



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



#76

1,2,3-Trichloropropane

Concen: 101.870 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066372.D

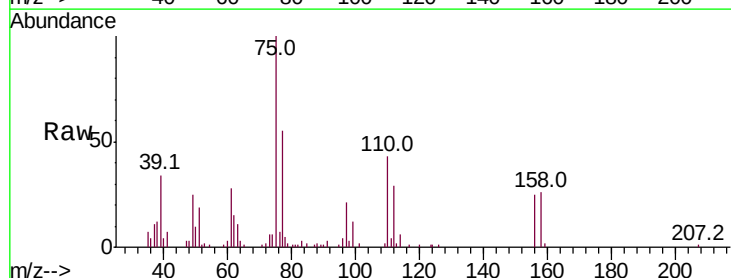
Acq: 24 Aug 2020 10:31

Tgt Ion: 75 Resp: 95330

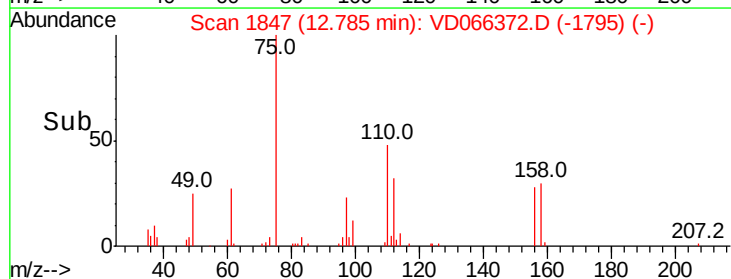
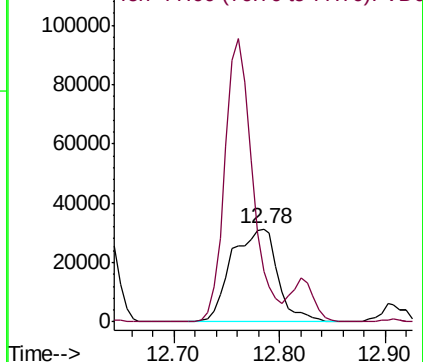
Ion Ratio Lower Upper

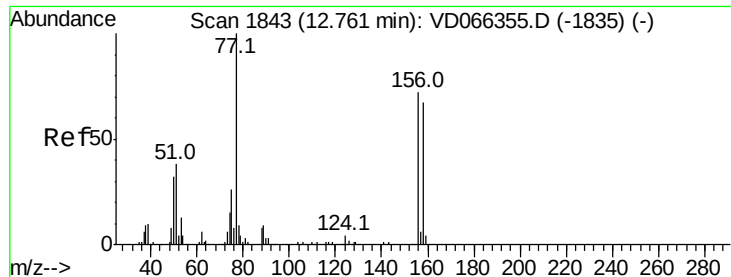
75 100

77 0.0 182.9 548.9#



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





#77

Bromobenzene

Concen: 52.452 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

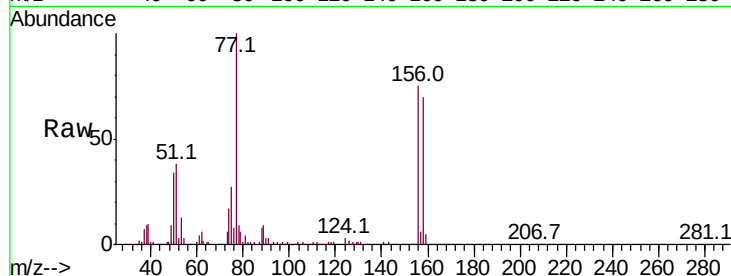
Tot Ion:156 Resp: 118630

Ion Ratio Lower Upper

156 100

77 147.3 76.1 228.3

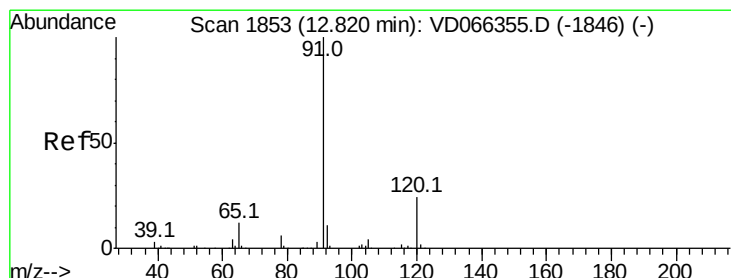
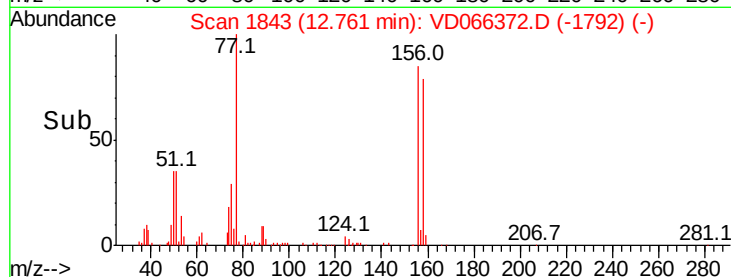
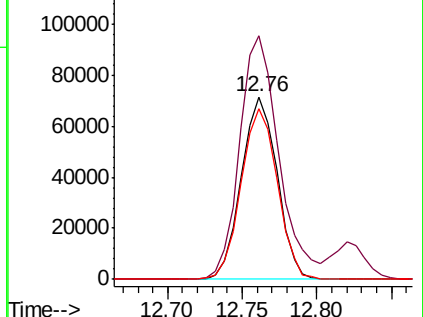
158 94.9 47.6 142.9



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: 50.819 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066372.D

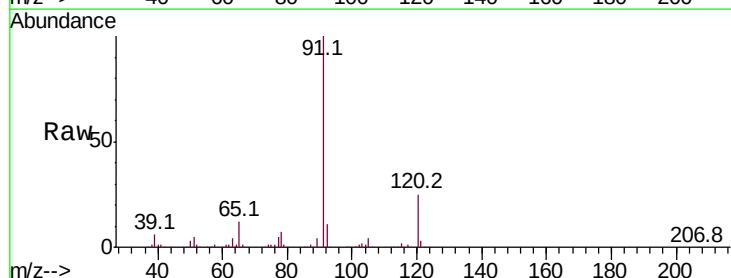
Acq: 24 Aug 2020 10:31

Tgt Ion: 91 Resp: 519232

Ion Ratio Lower Upper

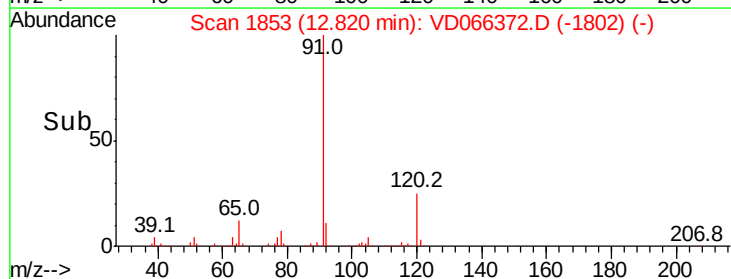
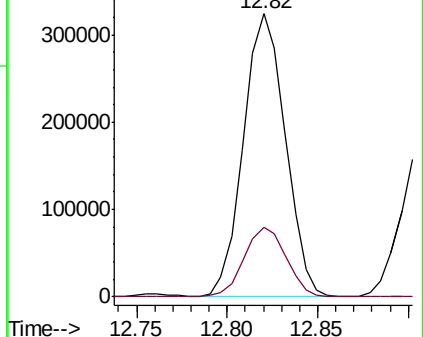
91 100

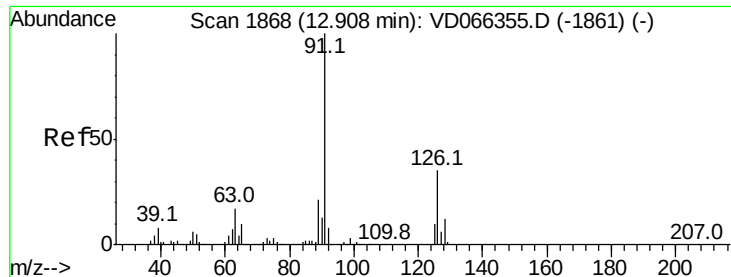
120 24.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.602 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

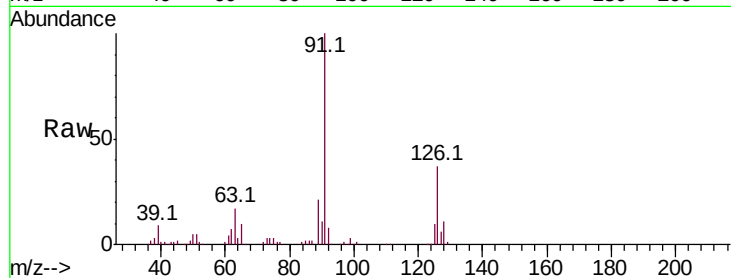
VSTDCCC050

Tot Ion: 91 Resp: 295287

Ion Ratio Lower Upper

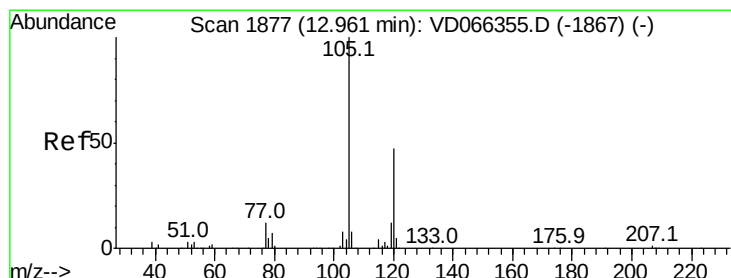
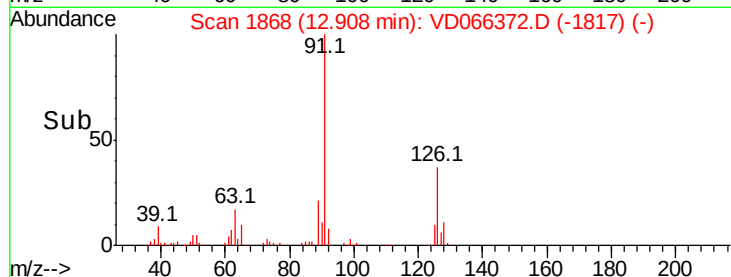
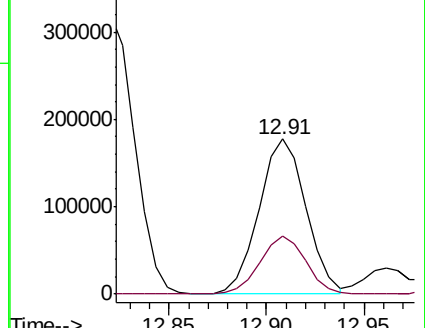
91 100

126 36.7 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.314 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066372.D

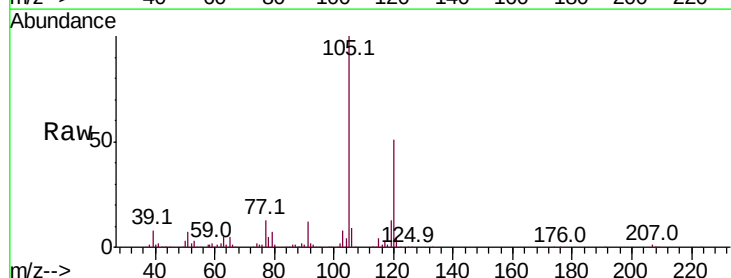
Acq: 24 Aug 2020 10:31

Tgt Ion:105 Resp: 394798

Ion Ratio Lower Upper

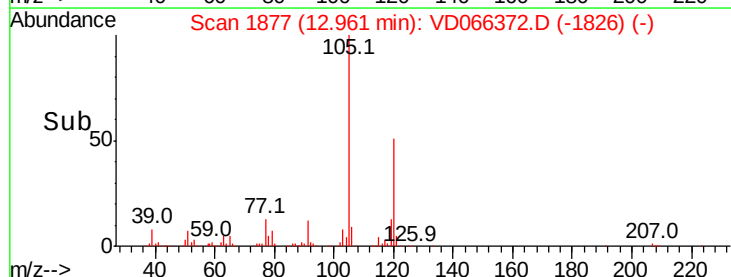
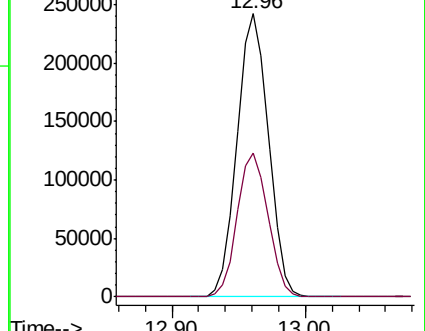
105 100

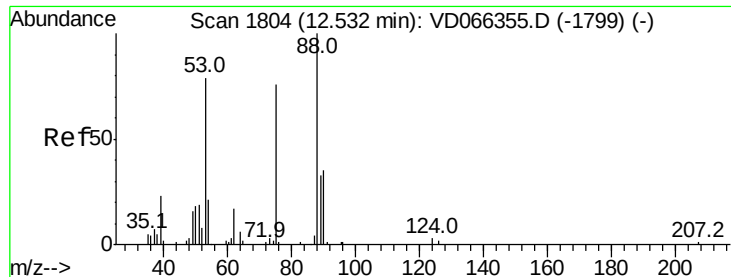
120 50.0 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.401 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

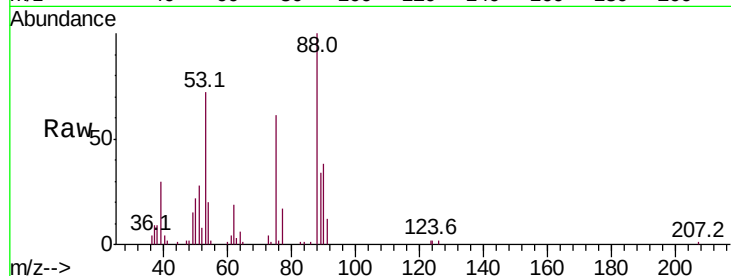
MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 21338

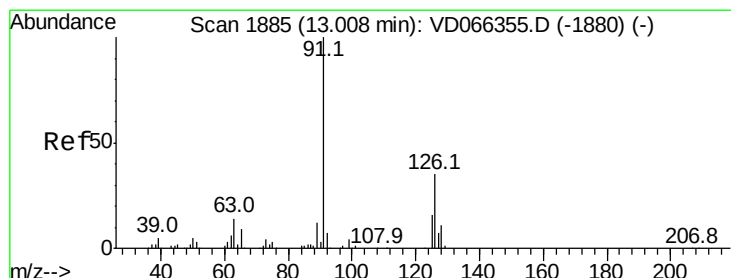
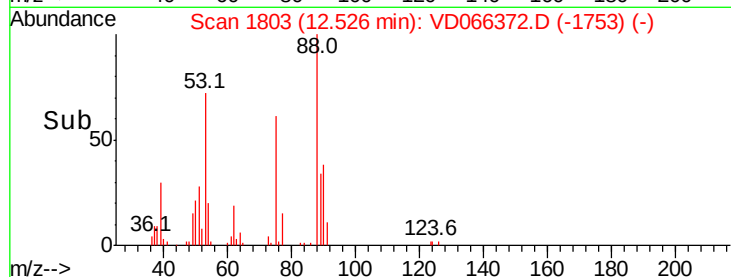
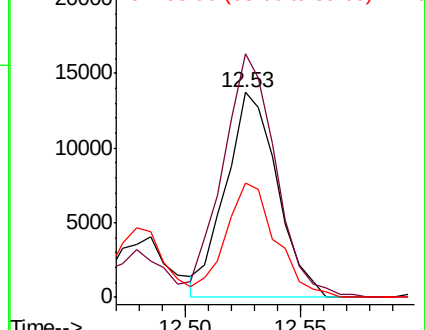
Ion	Ratio	Lower	Upper
75	100		
53	122.8	87.4	131.2
89	54.8	39.4	59.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 51.301 ug/l

RT: 13.00 min Scan# 1884

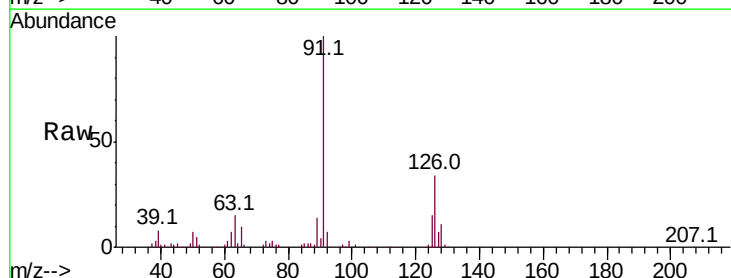
Delta R.T. -0.01 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

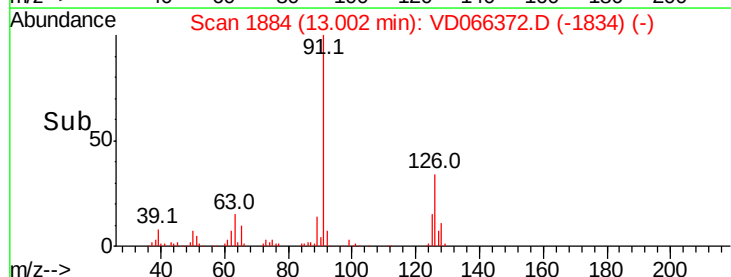
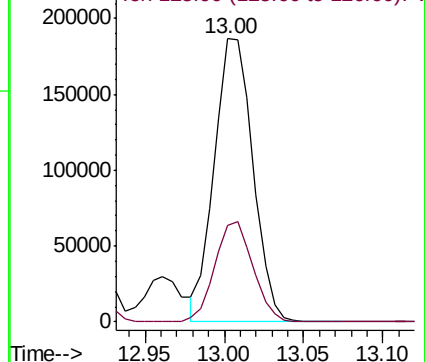
Tgt Ion: 91 Resp: 317170

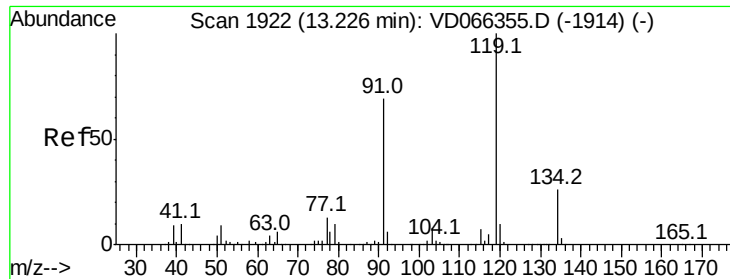
Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.4	52.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

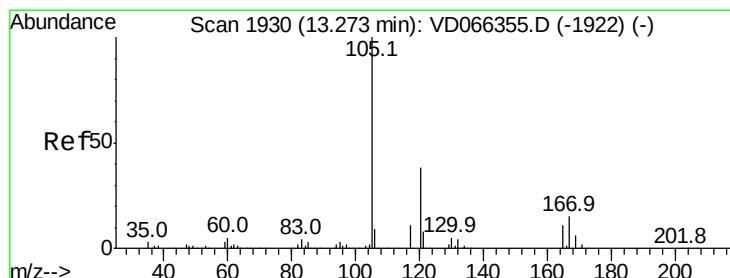
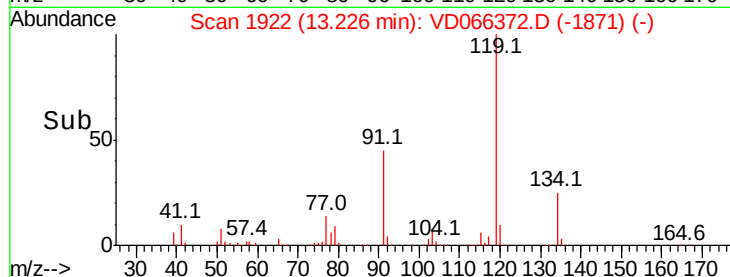
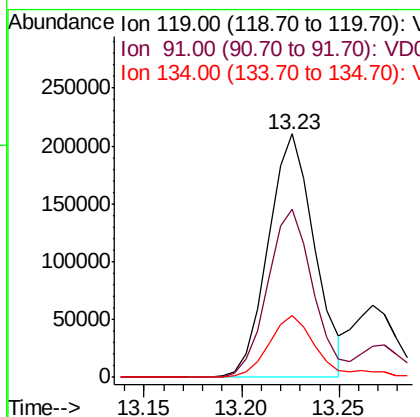
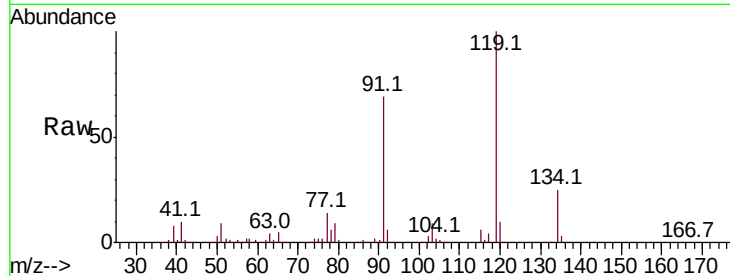




#83
 tert-Butylbenzene
 Concen: 51.476 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066372.D
 Acq: 24 Aug 2020 10:31

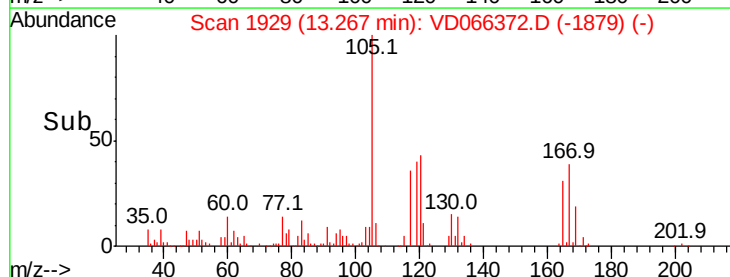
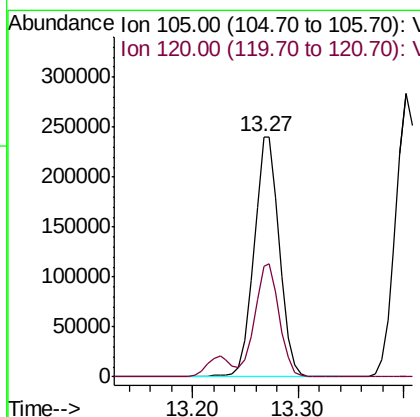
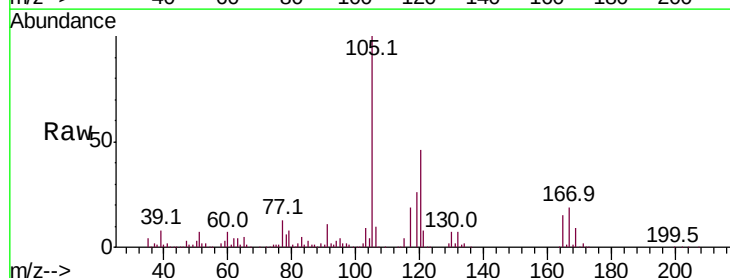
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

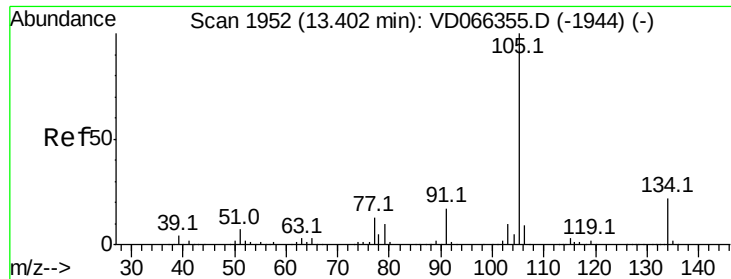
Tot Ion:119 Resp: 344000
 Ion Ratio Lower Upper
 119 100
 91 68.8 33.5 100.5
 134 25.0 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.110 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066372.D
 Acq: 24 Aug 2020 10:31

Tgt Ion:105 Resp: 401351
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 50.700 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

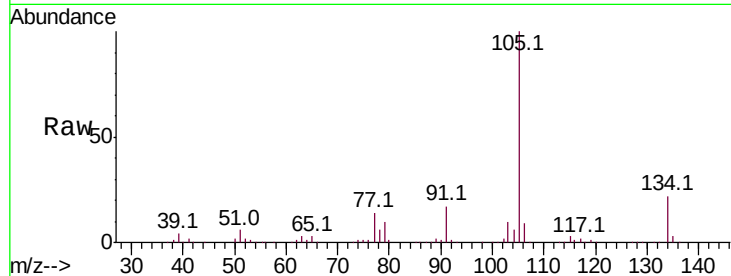
VSTDCCC050

Tot Ion:105 Resp: 443920

Ion Ratio Lower Upper

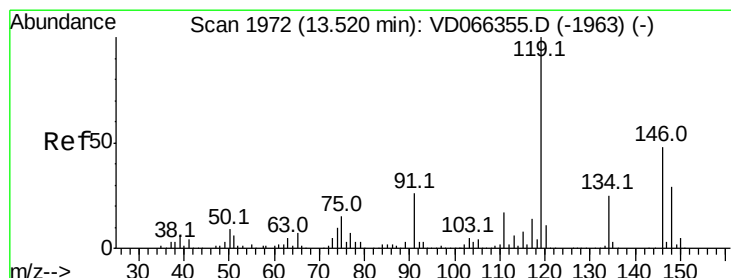
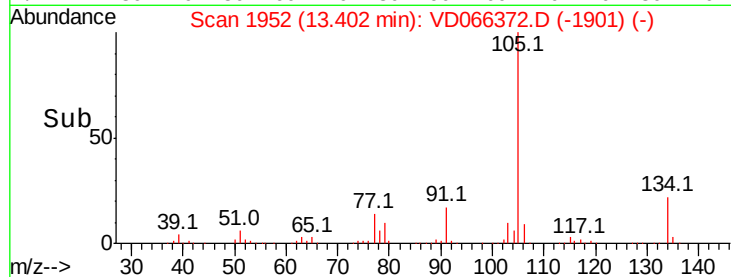
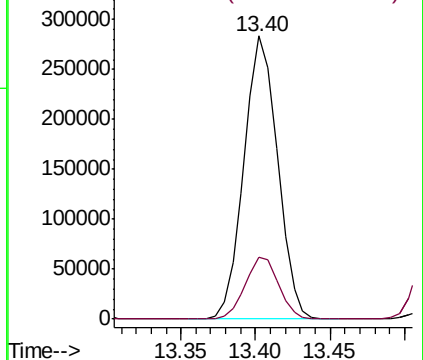
105 100

134 21.7 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: 52.487 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066372.D

Acq: 24 Aug 2020 10:31

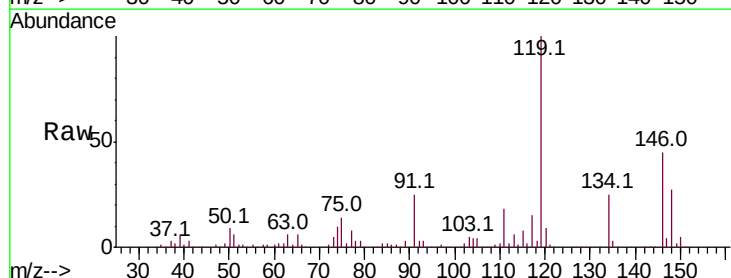
Tgt Ion:119 Resp: 443130

Ion Ratio Lower Upper

119 100

134 26.2 12.8 38.3

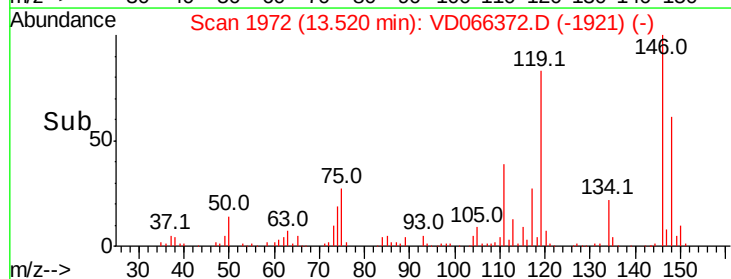
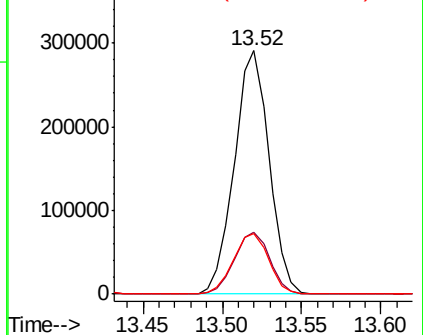
91 25.2 12.7 38.0

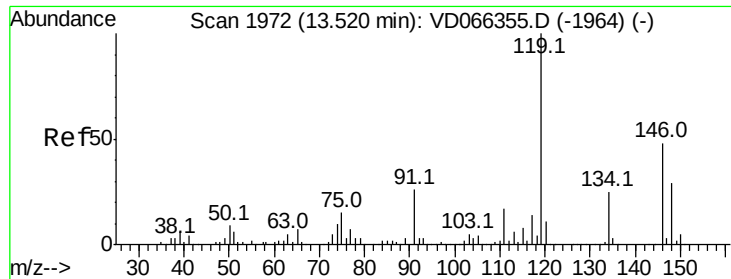


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

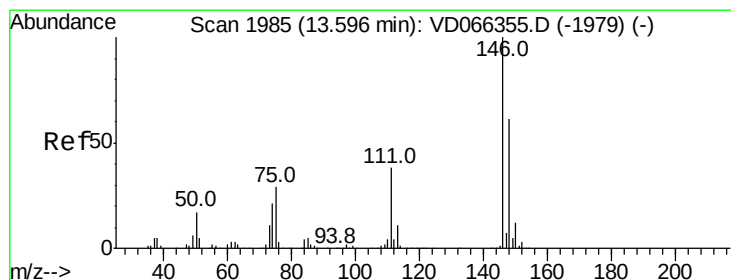
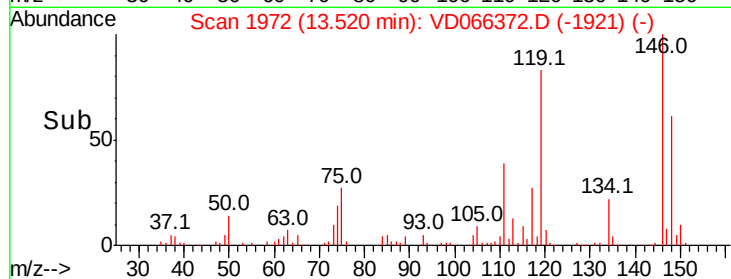
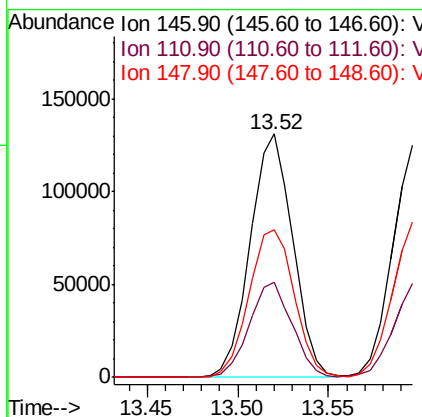
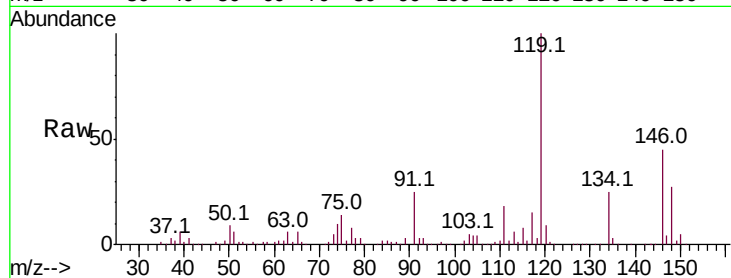




#87
 1,3-Dichlorobenzene
 Concen: 50.659 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066372.D
 Acq: 24 Aug 2020 10:31

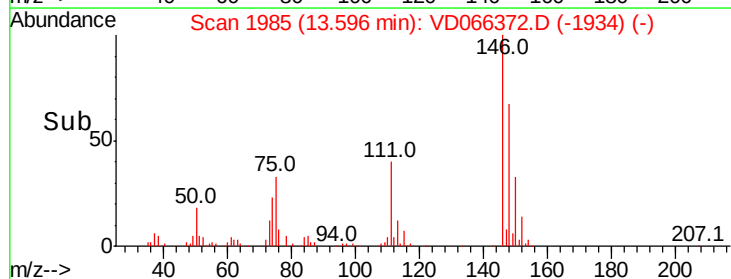
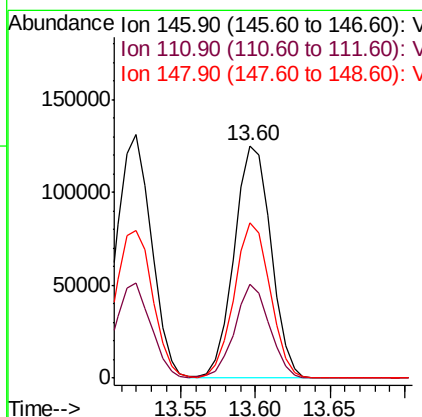
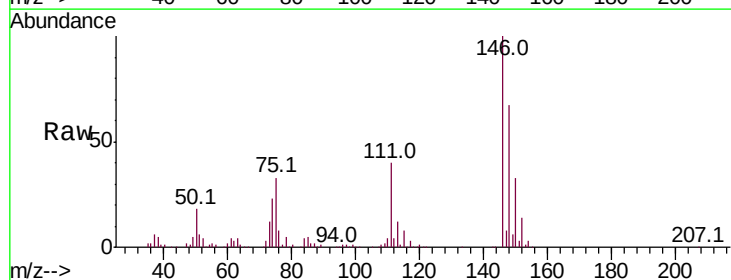
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

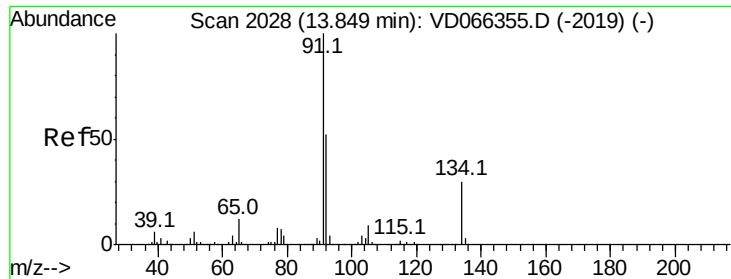
Tot Ion:146 Resp: 213875
 Ion Ratio Lower Upper
 146 100
 111 39.3 18.9 56.9
 148 64.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.785 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066372.D
 Acq: 24 Aug 2020 10:31

Tgt Ion:146 Resp: 215281
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.5
 148 65.4 32.1 96.3

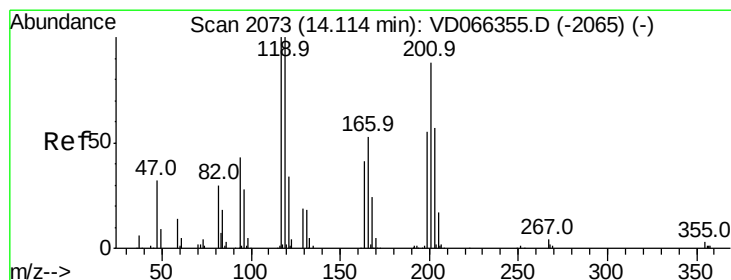
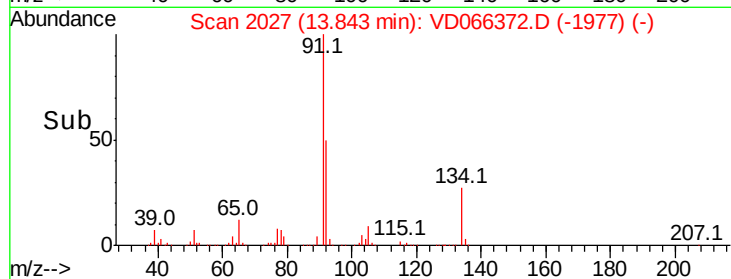
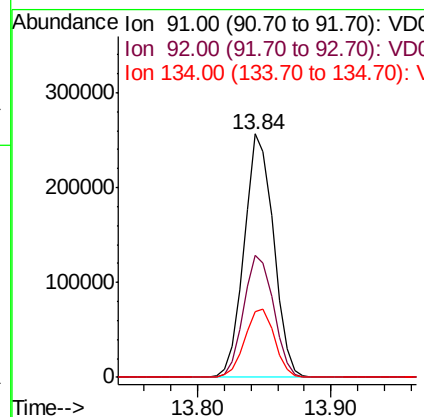
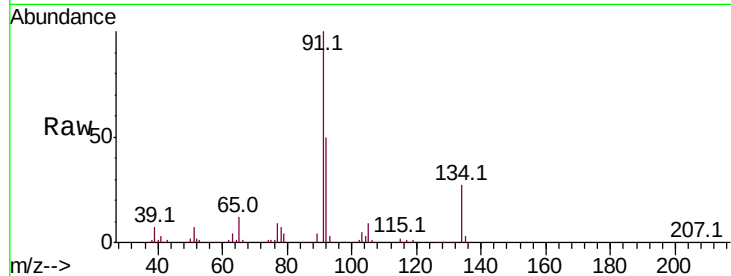




#89
n-Butylbenzene
Concen: 52.069 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

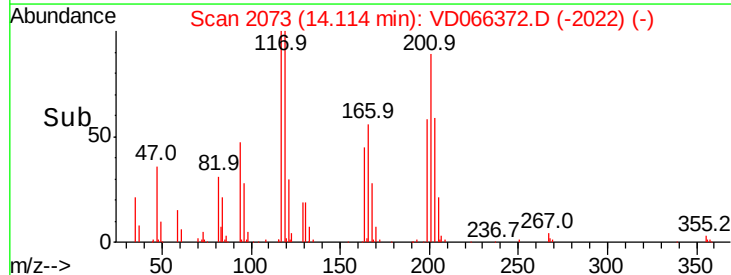
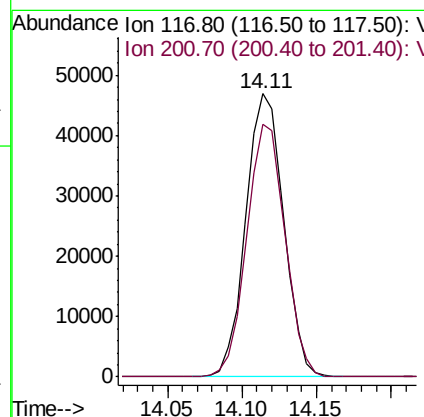
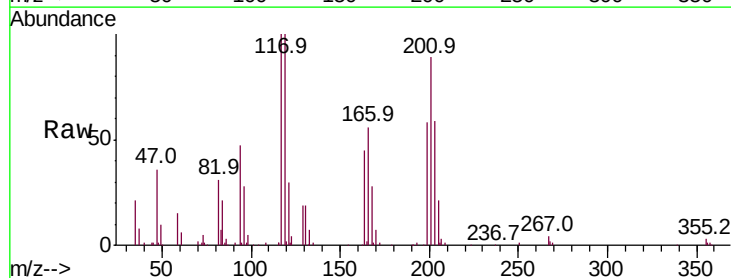
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

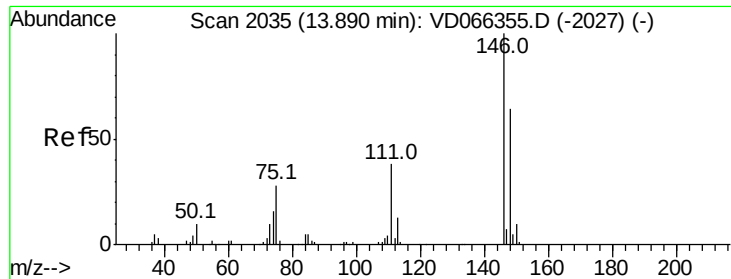
Tot Ion: 91 Resp: 387924
Ion Ratio Lower Upper
91 100
92 51.4 26.4 79.0
134 28.4 14.4 43.4



#90
Hexachloroethane
Concen: 49.199 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

Tgt Ion: 117 Resp: 82052
Ion Ratio Lower Upper
117 100
201 90.4 45.4 136.2

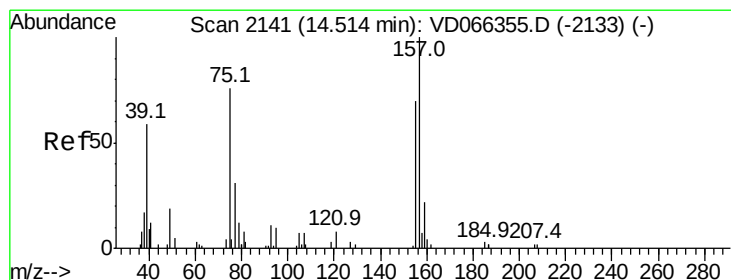
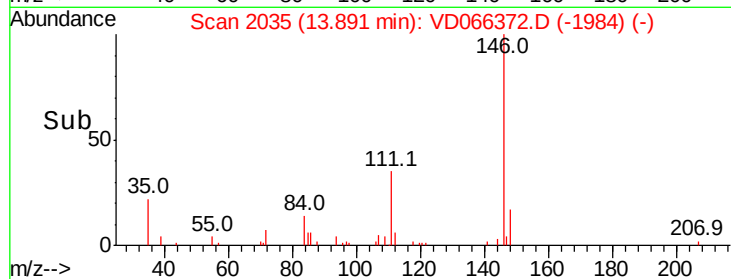
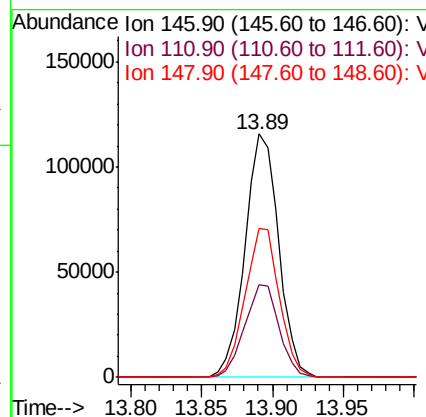
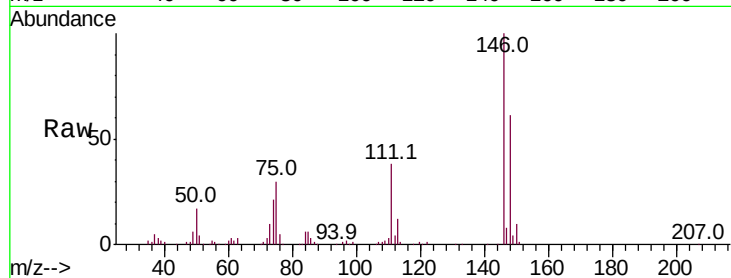




#91
 1,2-Dichlorobenzene
 Concen: 53.102 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066372.D
 Acq: 24 Aug 2020 10:31

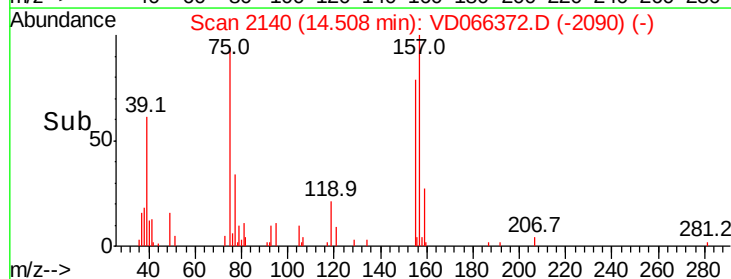
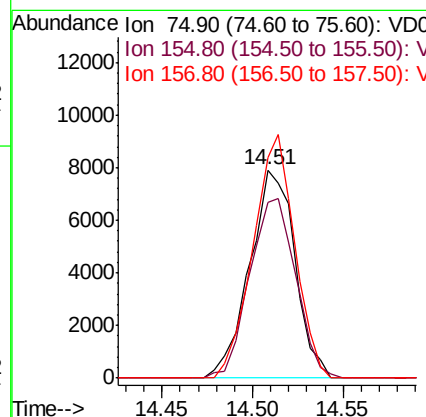
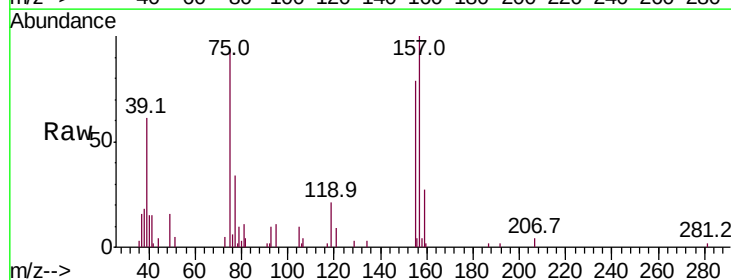
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

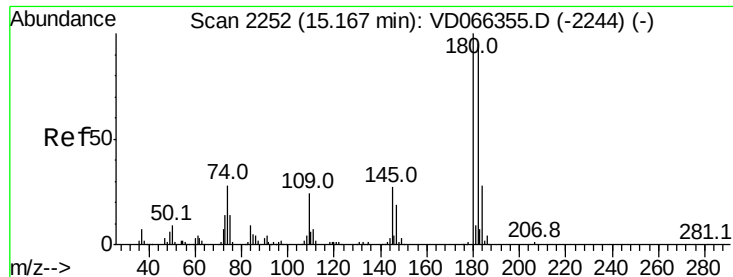
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.9	59.7
148	62.5	32.6	97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.307 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066372.D
 Acq: 24 Aug 2020 10:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.0	46.9	140.6
157	107.7	61.0	183.0

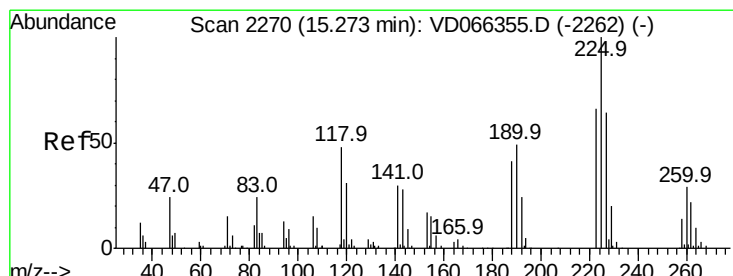
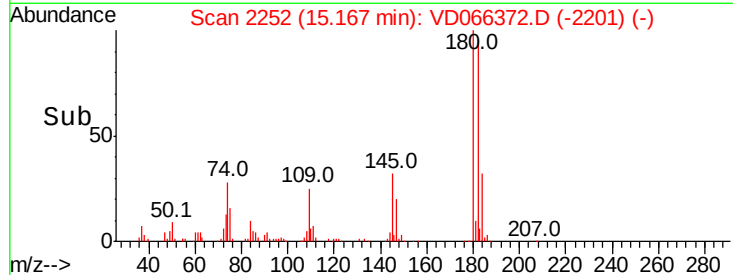
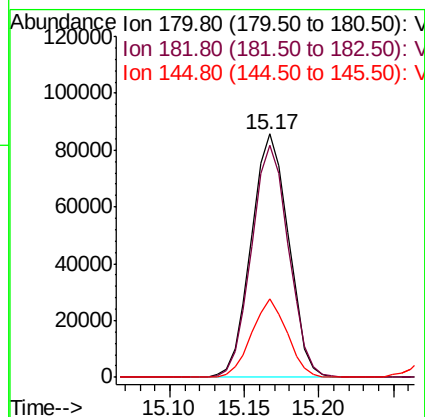
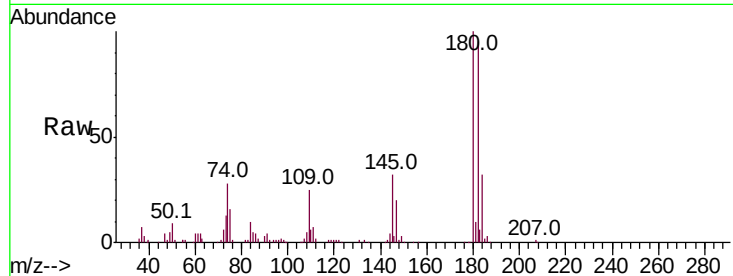




#93
 1,2,4-Trichlorobenzene
 Concen: 52.295 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066372.D
 Acq: 24 Aug 2020 10:31

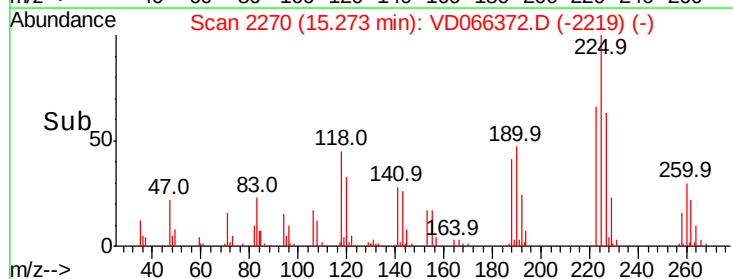
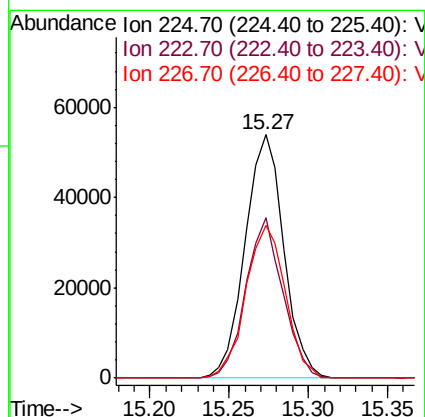
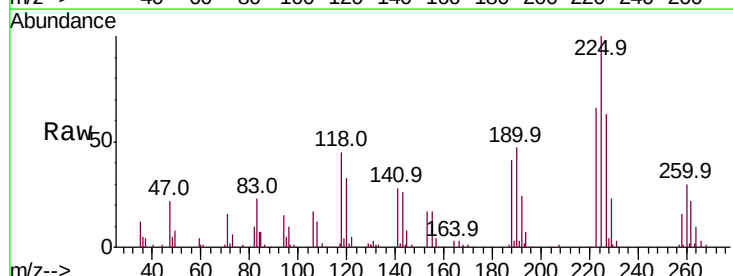
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

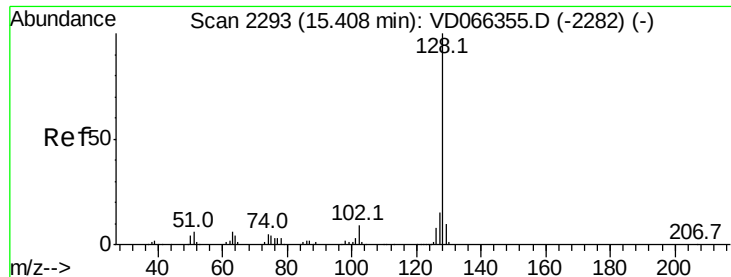
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.0	144.0
145	30.6	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 51.824 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066372.D
 Acq: 24 Aug 2020 10:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.5	97.4
227	64.3	33.0	98.9

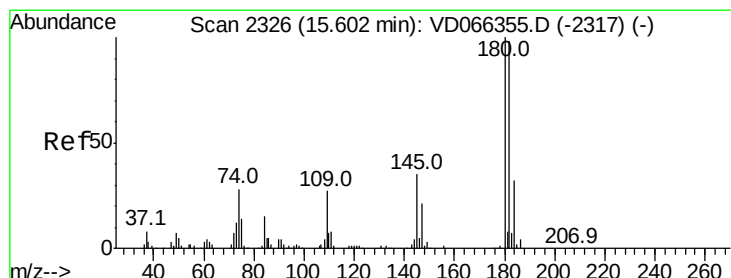
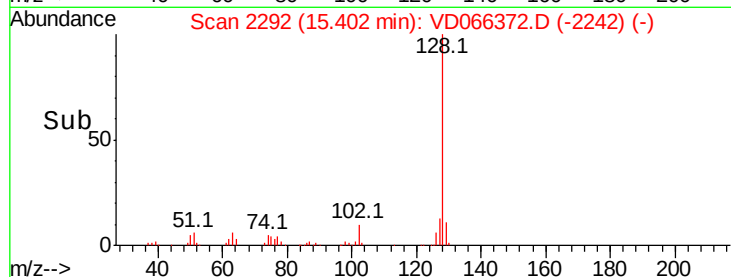
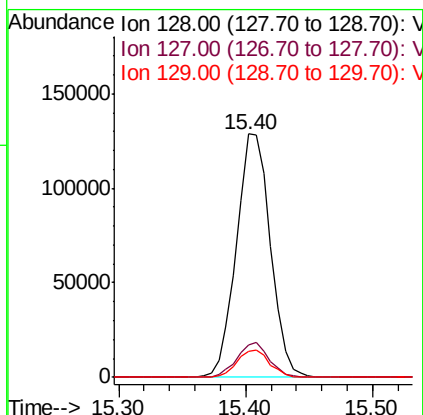
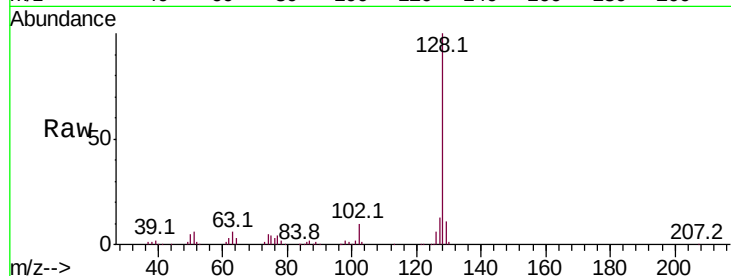




#95
Naphthalene
Concen: 53.660 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 239133
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 54.457 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066372.D
Acq: 24 Aug 2020 10:31

Tgt Ion:180 Resp: 132363
Ion Ratio Lower Upper
180 100
182 90.8 46.7 140.0
145 31.7 16.0 48.0

