

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102220\
 Data File : VD067369.D
 Acq On : 22 Oct 2020 18:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 23 06:10:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	295617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	442405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	414654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	212082	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	149890	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
35) Dibromofluoromethane	7.92	113	155546	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
50) Toluene-d8	10.34	98	542563	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.64	95	192562	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	99629	41.218	ug/l	92
3) Chloromethane	2.21	50	76997	41.386	ug/l	96
4) Vinyl Chloride	2.35	62	84941	41.611	ug/l	98
5) Bromomethane	2.77	94	70694	49.755	ug/l	100
6) Chloroethane	2.93	64	56422	44.382	ug/l #	87
7) Trichlorofluoromethane	3.27	101	235185	45.754	ug/l	97
8) Diethyl Ether	3.71	74	57799	49.140	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	121182	44.373	ug/l	96
10) Methyl Iodide	4.30	142	111195	44.138	ug/l	96
11) Tert butyl alcohol	5.21	59	35133	223.299	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	110142	45.144	ug/l	91
13) Acrolein	3.92	56	42980	243.441	ug/l	99
14) Allyl chloride	4.71	41	130598	46.742	ug/l	98
15) Acrylonitrile	5.42	53	104613	266.549	ug/l	98
16) Acetone	4.16	43	99321	239.456	ug/l	94
17) Carbon Disulfide	4.41	76	292381	42.037	ug/l	98
18) Methyl Acetate	4.72	43	47829	50.556	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	253418	52.237	ug/l	100
20) Methylene Chloride	4.96	84	138773	52.452	ug/l #	95
21) trans-1,2-Dichloroethene	5.47	96	133711	47.624	ug/l	99
22) Diisopropyl ether	6.37	45	258144	50.577	ug/l	96
23) Vinyl Acetate	6.31	43	781658	269.188	ug/l	99
24) 1,1-Dichloroethane	6.26	63	212458	48.628	ug/l	97
25) 2-Butanone	7.21	43	123719	261.670	ug/l	94
26) 2,2-Dichloropropane	7.21	77	208809	46.368	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	153015	49.727	ug/l	99
28) Bromochloromethane	7.55	49	79126	53.096	ug/l #	99
29) Tetrahydrofuran	7.56	42	67147	255.484	ug/l	92
30) Chloroform	7.71	83	261669	50.135	ug/l	94
31) Cyclohexane	7.99	56	146005	42.802	ug/l	92
32) 1,1,1-Trichloroethane	7.91	97	247532	48.337	ug/l	98
36) 1,1-Dichloropropene	8.11	75	179269	47.809	ug/l	99
37) Ethyl Acetate	7.29	43	60285	54.645	ug/l #	90
38) Carbon Tetrachloride	8.10	117	233496	48.722	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102220\
 Data File : VD067369.D
 Acq On : 22 Oct 2020 18:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Oct 23 06:10:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	186291	47.523	ug/l	95
40) Benzene	8.36	78	509187	49.499	ug/l	97
41) Methacrylonitrile	7.56	41	76795	128.815	ug/l #	8
42) 1,2-Dichloroethane	8.43	62	160981	50.006	ug/l	100
43) Isopropyl Acetate	8.46	43	114222	52.178	ug/l	99
44) Trichloroethene	9.11	130	161050	48.898	ug/l	100
45) 1,2-Dichloropropane	9.39	63	114201	47.902	ug/l	98
46) Dibromomethane	9.48	93	76304	51.370	ug/l	96
47) Bromodichloromethane	9.67	83	205682	51.683	ug/l	99
48) Methyl methacrylate	9.46	41	56647	53.249	ug/l	97
49) 1,4-Dioxane	9.47	88	15257	1063.313	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	293540	268.847	ug/l	99
52) Toluene	10.41	92	347173	49.551	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	179803	51.432	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	204545	49.994	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	103369	51.033	ug/l	97
56) Ethyl methacrylate	10.67	69	116522	55.468	ug/l	97
57) 1,3-Dichloropropane	10.95	76	165191	51.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	294222	273.021	ug/l	99
59) 2-Hexanone	10.99	43	199184	266.970	ug/l	98
60) Dibromochloromethane	11.14	129	150695	51.015	ug/l	99
61) 1,2-Dibromoethane	11.25	107	103203	51.682	ug/l	99
64) Tetrachloroethene	10.88	164	140428	46.742	ug/l	93
65) Chlorobenzene	11.67	112	390953	49.168	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	158583	50.180	ug/l	99
67) Ethyl Benzene	11.75	91	669401	49.111	ug/l	100
68) m/p-Xylenes	11.86	106	526436	100.296	ug/l	97
69) o-Xylene	12.18	106	242186	49.828	ug/l	96
70) Styrene	12.20	104	424271	50.708	ug/l	100
71) Bromoform	12.37	173	89151	52.511	ug/l #	99
73) Isopropylbenzene	12.48	105	674940	50.144	ug/l	99
74) N-amyl acetate	12.29	43	105130	51.714	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	103257	50.066	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	138725	94.375	ug/l #	100
77) Bromobenzene	12.77	156	164346	48.975	ug/l	97
78) n-propylbenzene	12.83	91	759093	48.675	ug/l	99
79) 2-Chlorotoluene	12.91	91	447569	49.488	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	584495	49.971	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	33232	51.268	ug/l	93
82) 4-Chlorotoluene	13.01	91	475636	49.551	ug/l	98
83) tert-Butylbenzene	13.23	119	500103	50.616	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	590110	51.044	ug/l	100
85) sec-Butylbenzene	13.41	105	655998	48.387	ug/l	100
86) p-Isopropyltoluene	13.52	119	638782	49.919	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	318737	49.347	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	318725	49.806	ug/l	100
89) n-Butylbenzene	13.85	91	559505	49.700	ug/l	99
90) Hexachloroethane	14.12	117	107861	48.302	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	277771	49.228	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19251	51.380	ug/l	93

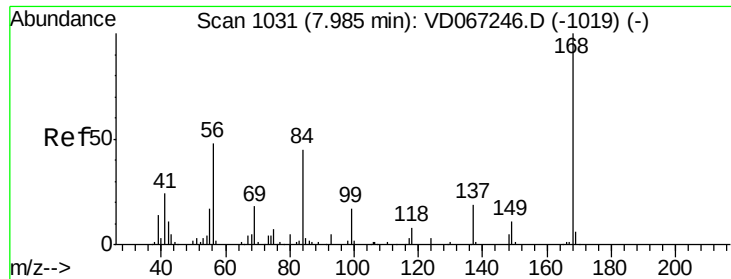
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102220\
Data File : VD067369.D
Acq On : 22 Oct 2020 18:23
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 23 06:10:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	192340	50.558	ug/l	98
94) Hexachlorobutadiene	15.27	225	116643	49.374	ug/l	98
95) Naphthalene	15.41	128	338834	54.247	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	173491	52.787	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

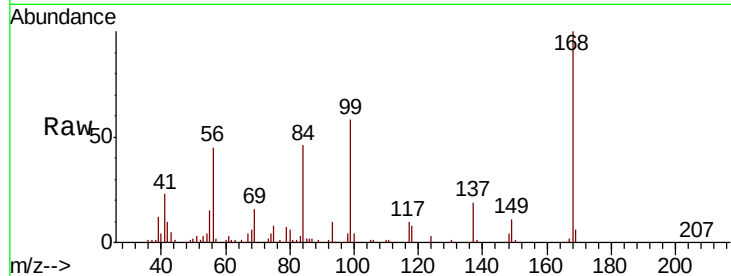
VSTDCCC050EC

Tot Ion:168 Resp: 295617

Ion Ratio Lower Upper

168 100

99 58.0 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

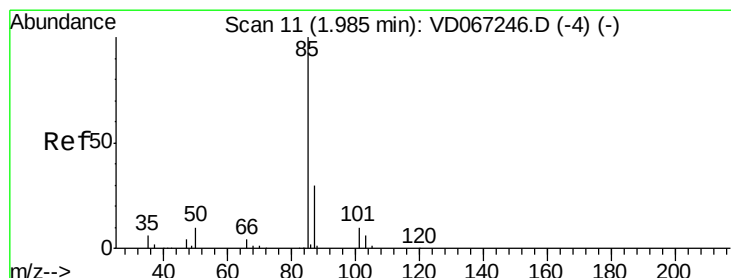
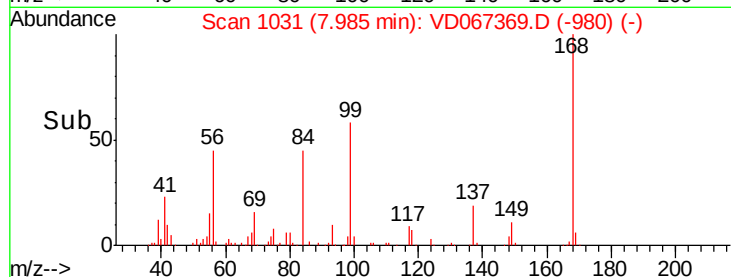
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 41.218 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067369.D

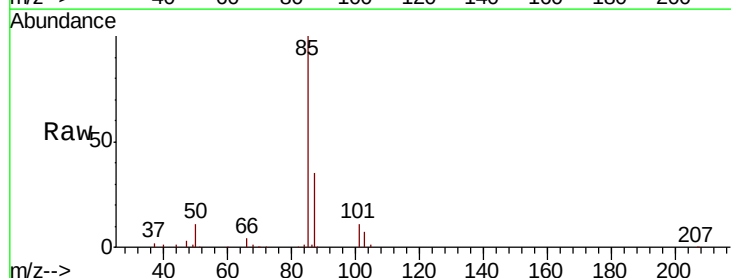
Acq: 22 Oct 2020 18:23

Tgt Ion: 85 Resp: 99629

Ion Ratio Lower Upper

85 100

87 34.6 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

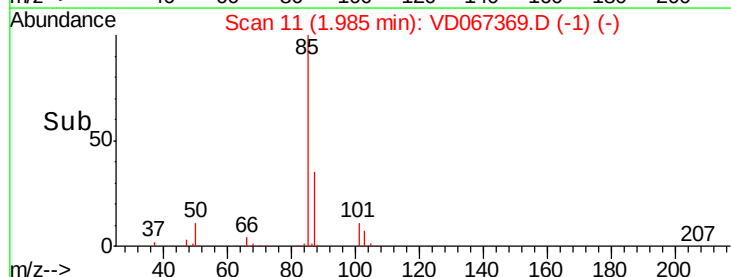
40000

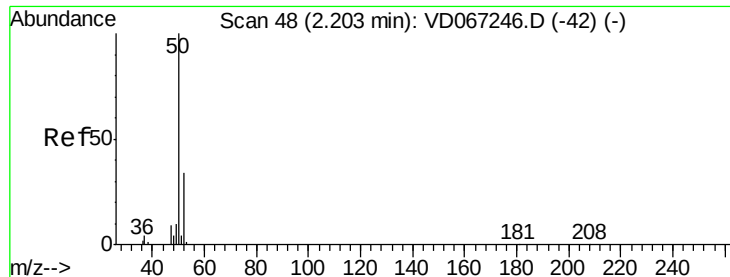
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 41.386 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

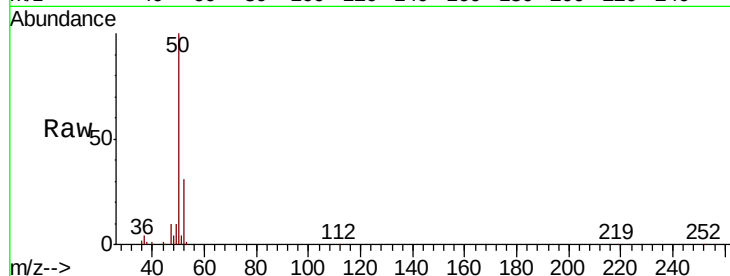
VSTDCCC050EC

Tot Ion: 50 Resp: 76997

Ion Ratio Lower Upper

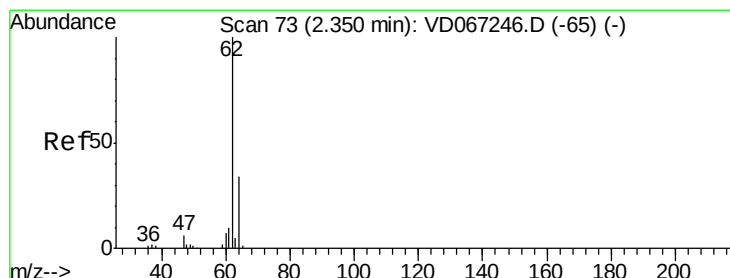
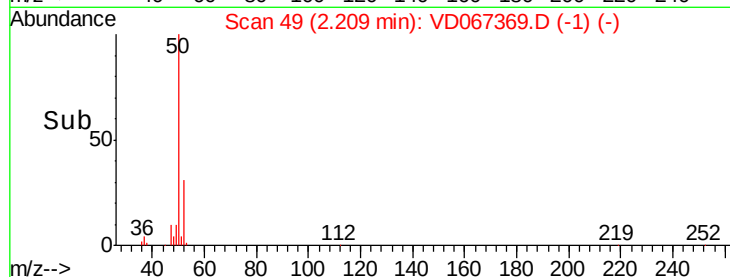
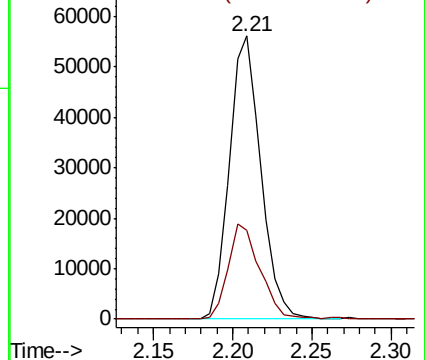
50 100

52 31.5 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 41.611 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067369.D

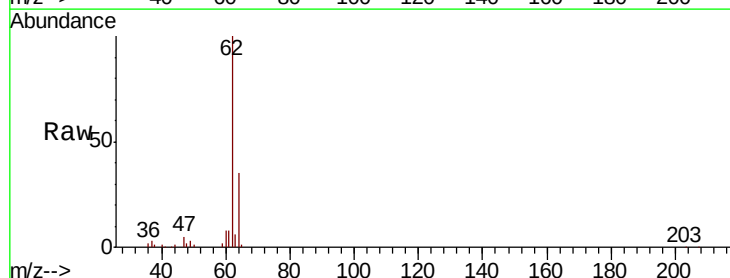
Acq: 22 Oct 2020 18:23

Tgt Ion: 62 Resp: 84941

Ion Ratio Lower Upper

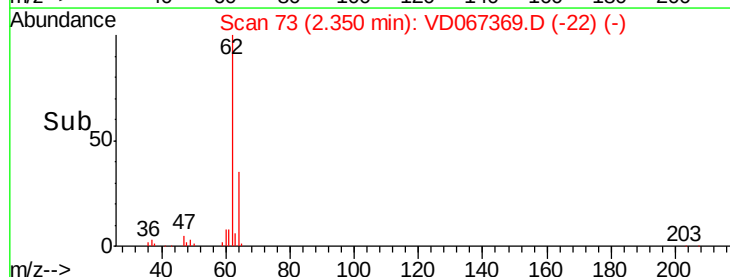
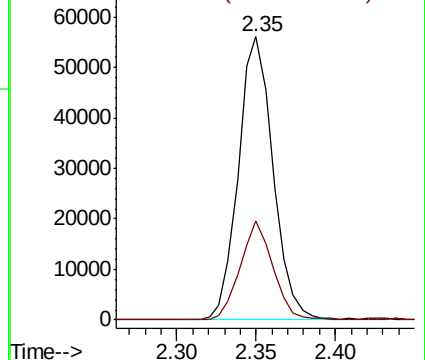
62 100

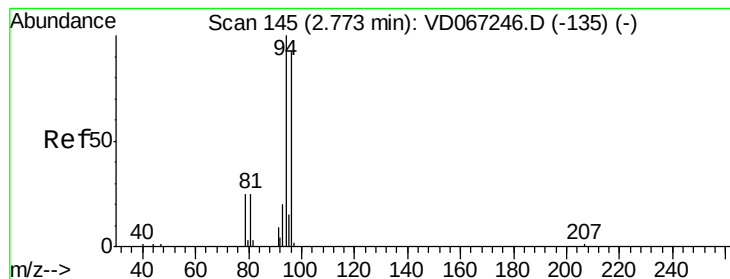
64 35.2 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 49.755 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

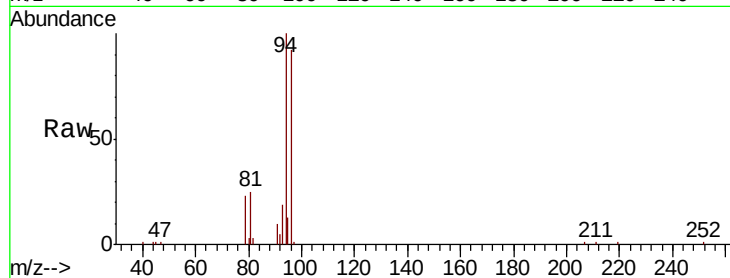
VSTDCCC050EC

Tot Ion: 94 Resp: 70694

Ion Ratio Lower Upper

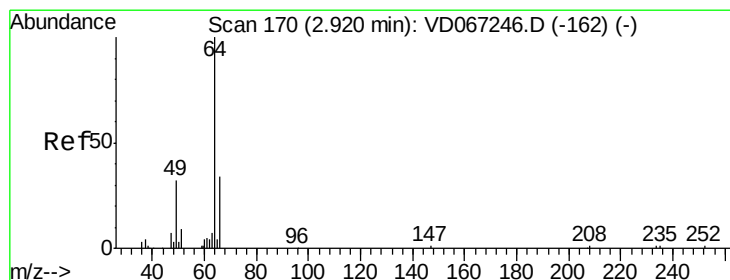
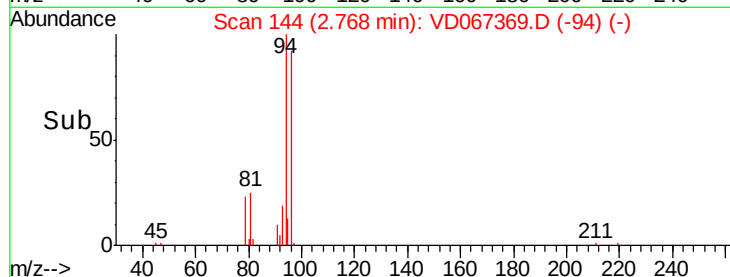
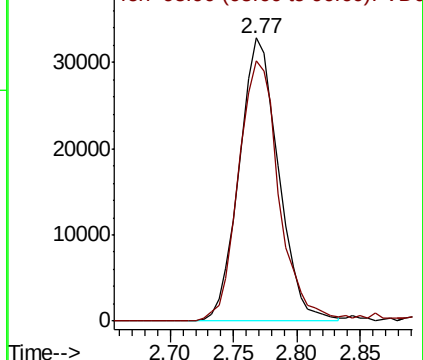
94 100

96 91.8 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.382 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067369.D

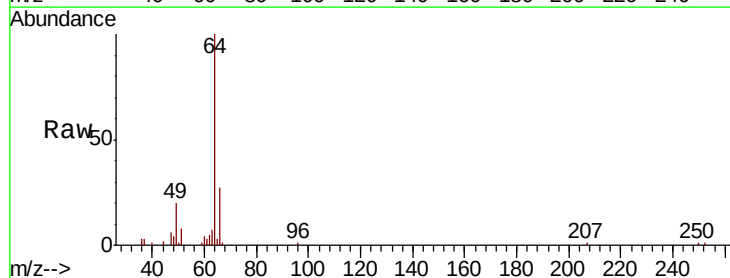
Acq: 22 Oct 2020 18:23

Tgt Ion: 64 Resp: 56422

Ion Ratio Lower Upper

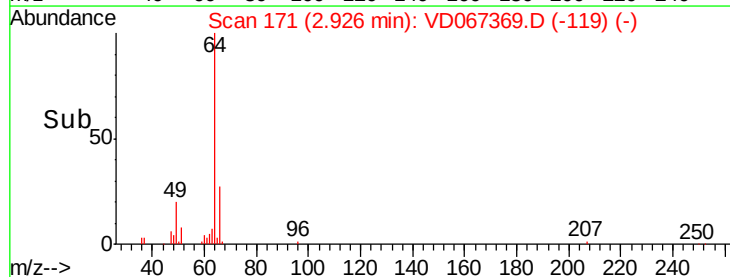
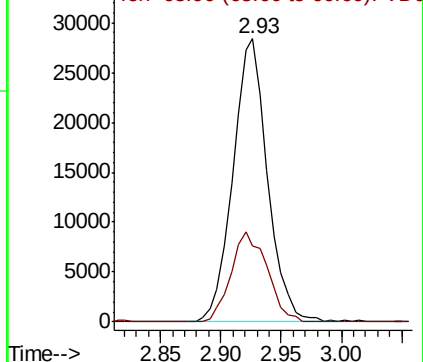
64 100

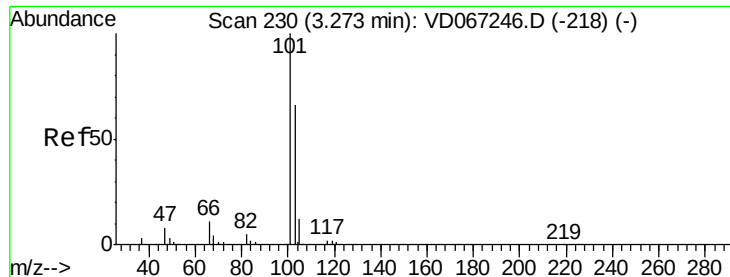
66 26.8 27.4 41.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



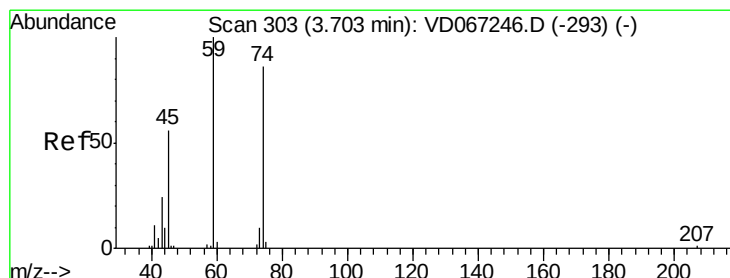
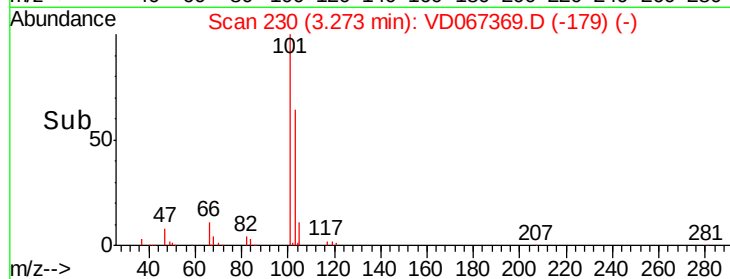
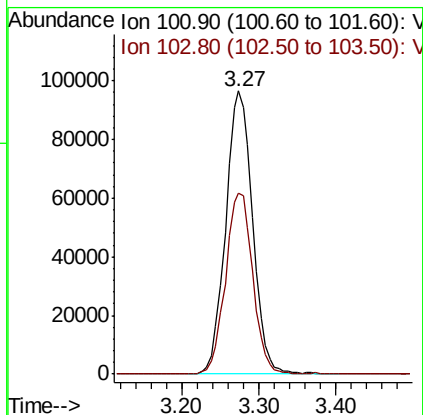
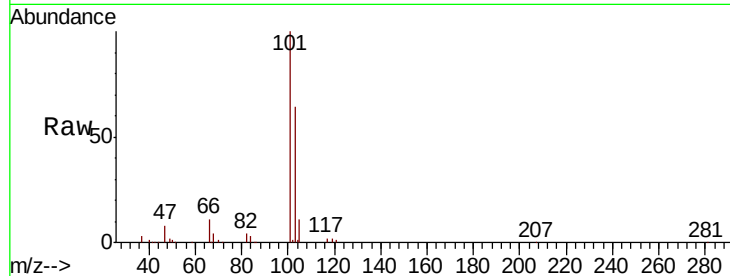


#7

Trichlorofluoromethane
 Concen: 45.754 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

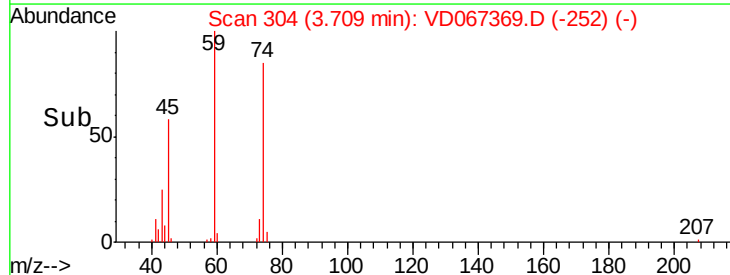
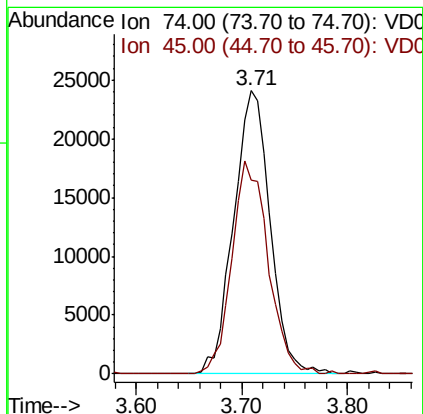
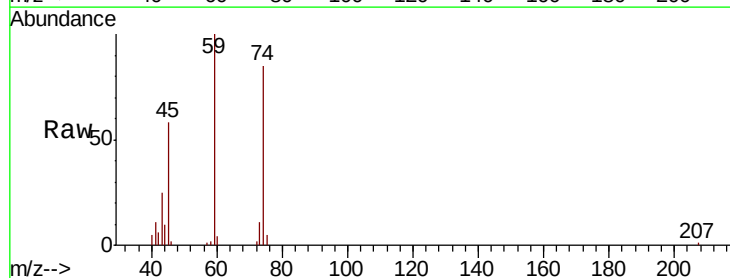
Tot Ion:101 Resp: 235185
 Ion Ratio Lower Upper
 101 100
 103 63.9 53.1 79.7

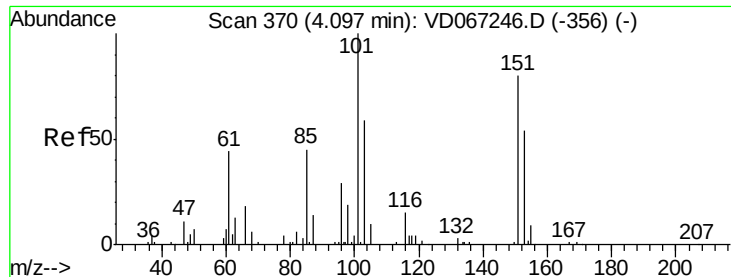


#8

Diethyl Ether
 Concen: 49.140 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Tgt Ion: 74 Resp: 57799
 Ion Ratio Lower Upper
 74 100
 45 74.3 37.0 111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.373 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

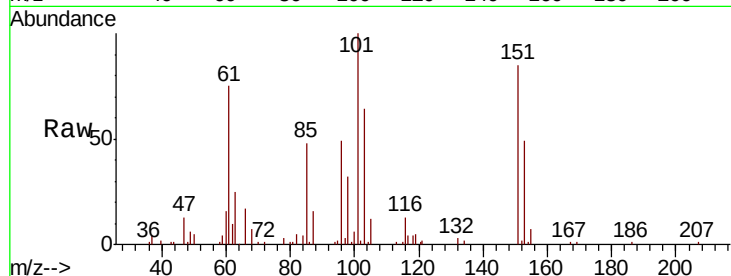
Tot Ion:101 Resp: 121182

Ion Ratio Lower Upper

101 100

85 44.4 34.2 51.4

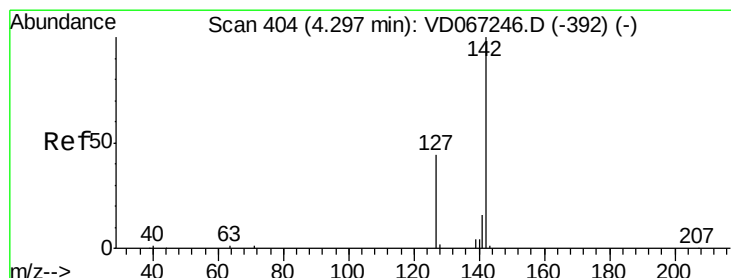
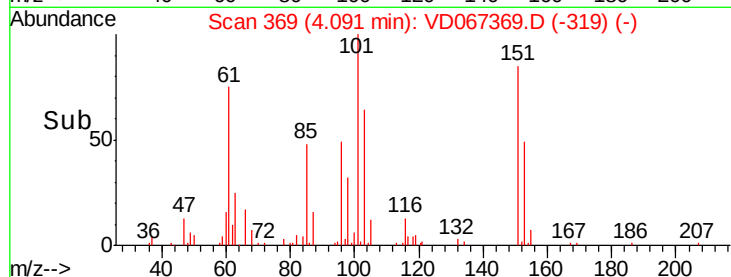
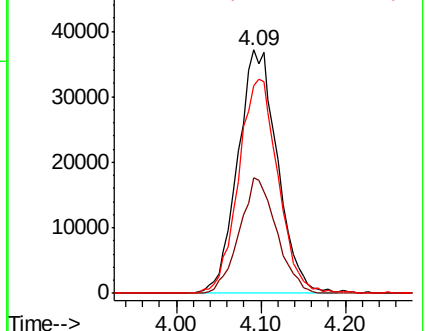
151 87.7 66.3 99.5



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: 44.138 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

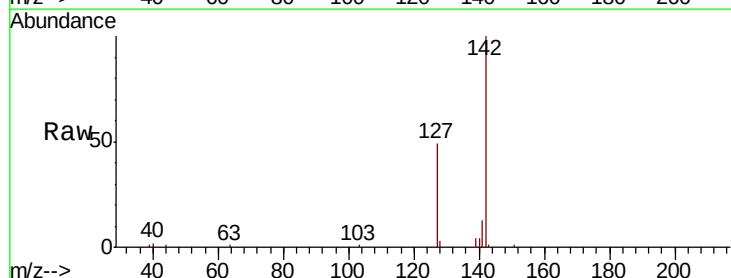
Tgt Ion:142 Resp: 111195

Ion Ratio Lower Upper

142 100

127 50.8 38.4 57.6

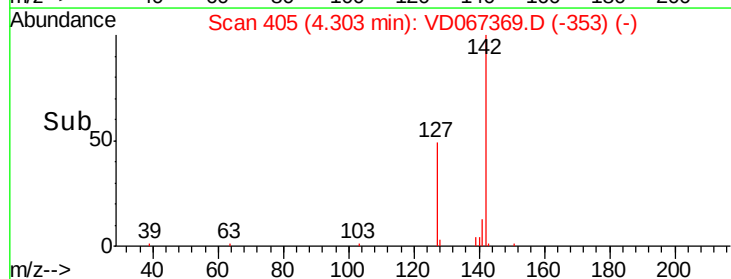
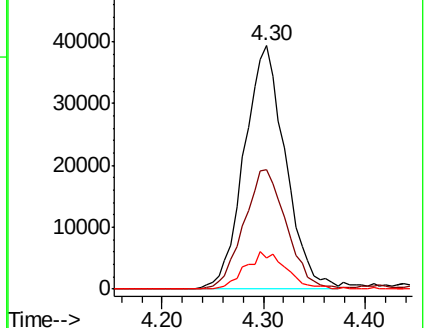
141 15.2 11.6 17.4

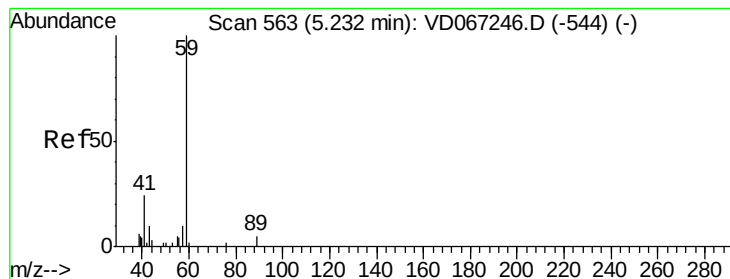


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



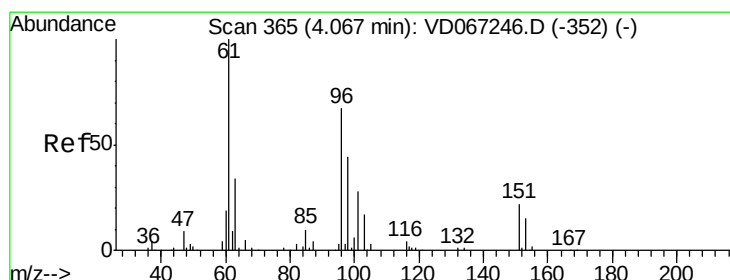
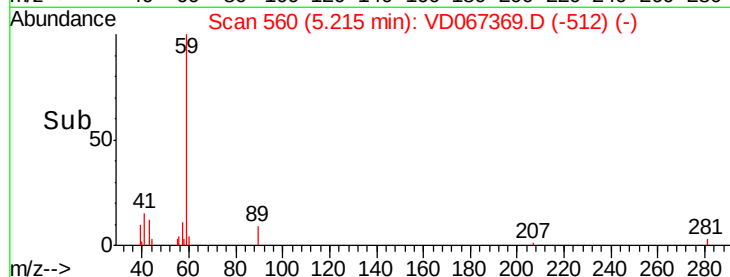
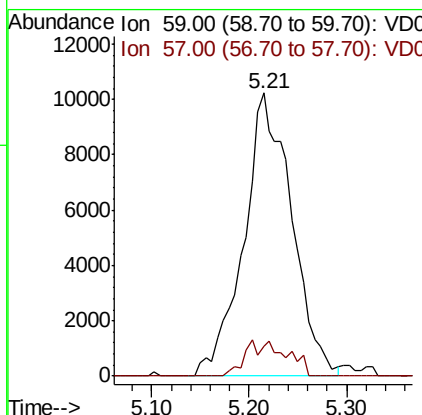
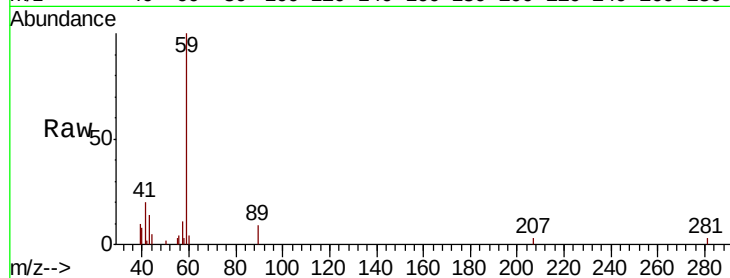


#11

Tert butyl alcohol
 Concen: 223.299 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.02 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

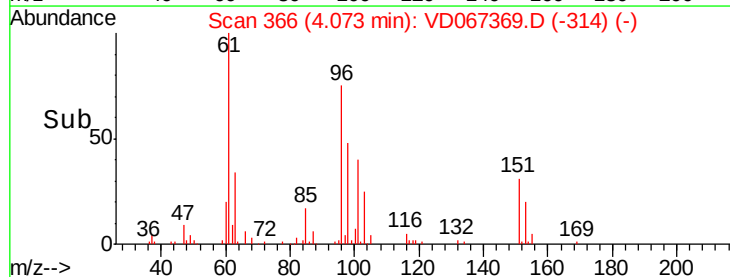
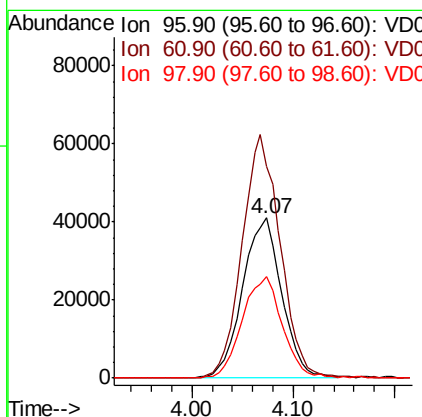
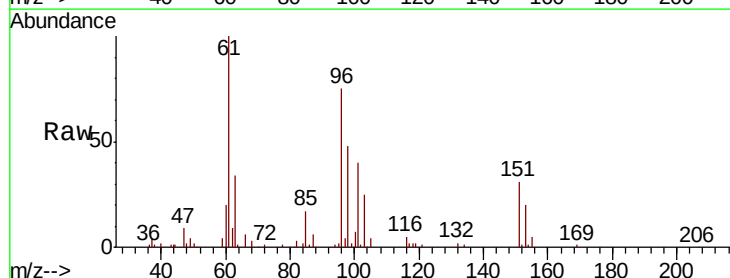
Tot Ion: 59 Resp: 35133
 Ion Ratio Lower Upper
 59 100
 57 3.9 5.1 7.7#

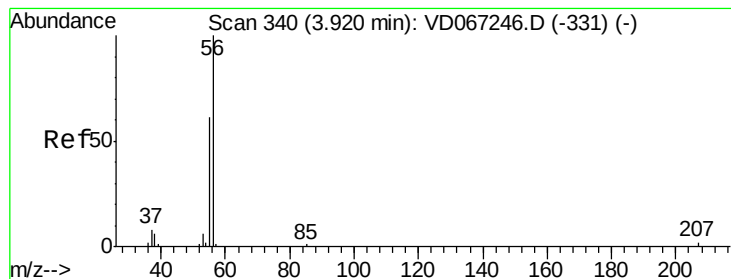


#12

1,1-Dichloroethene
 Concen: 45.144 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Tgt Ion: 96 Resp: 110142
 Ion Ratio Lower Upper
 96 100
 61 132.5 118.6 177.8
 98 63.4 51.8 77.6





#13

Acrolein

Concen: 243.441 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

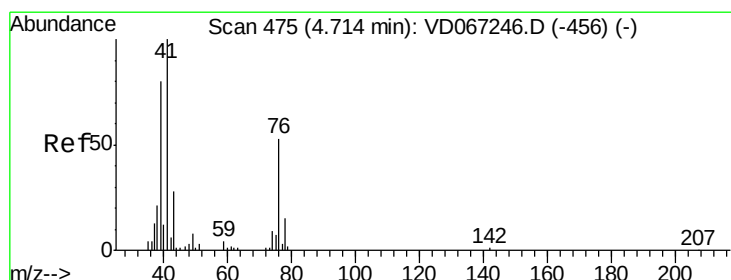
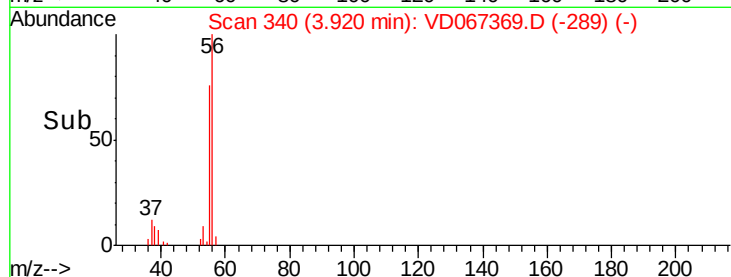
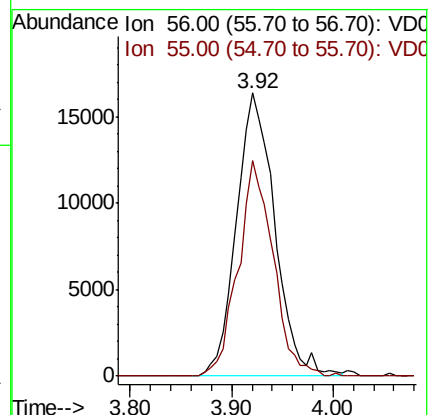
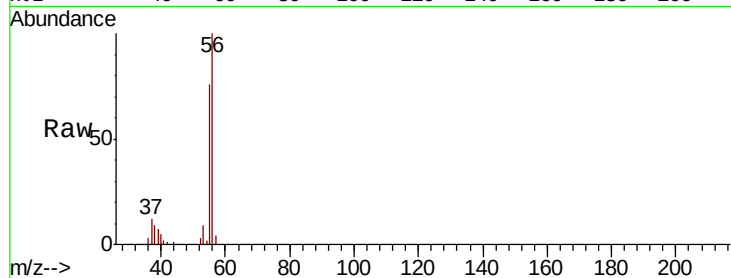
VSTDCCC050EC

Tot Ion: 56 Resp: 42980

Ion Ratio Lower Upper

56 100

55 69.4 56.0 84.0



#14

Allyl chloride

Concen: 46.742 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

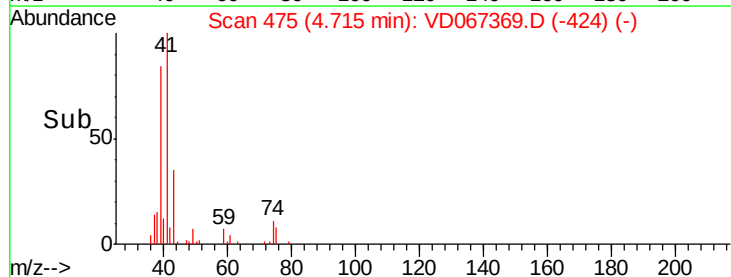
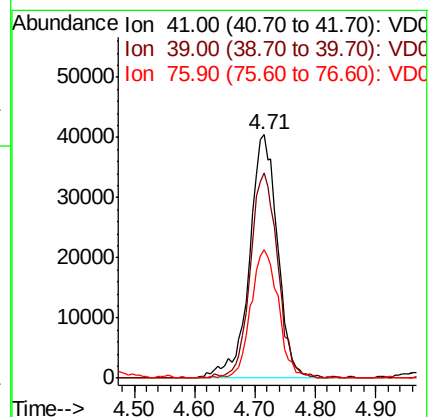
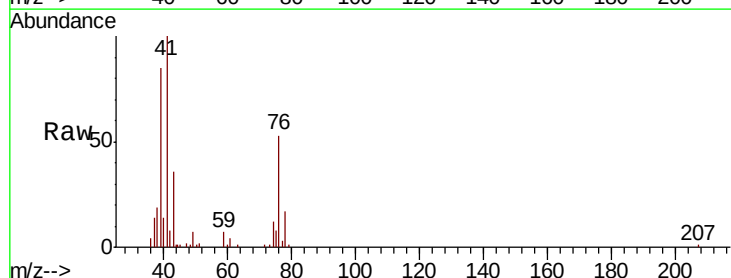
Tgt Ion: 41 Resp: 130598

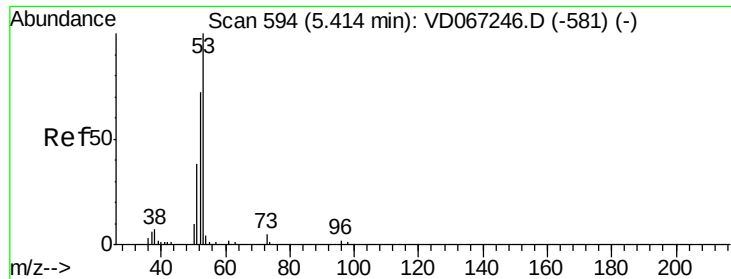
Ion Ratio Lower Upper

41 100

39 82.1 63.8 95.6

76 51.9 40.4 60.6





#15

Acrylonitrile

Concen: 266.549 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

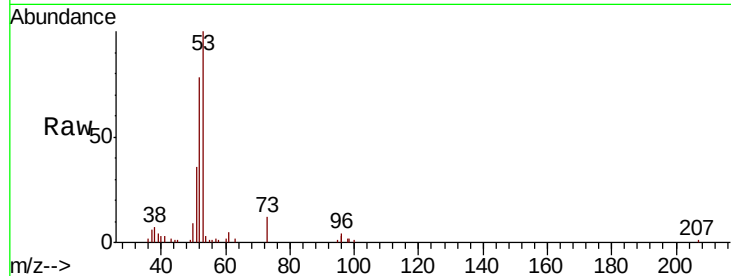
Tot Ion: 53 Resp: 104613

Ion Ratio Lower Upper

53 100

52 79.8 65.6 98.4

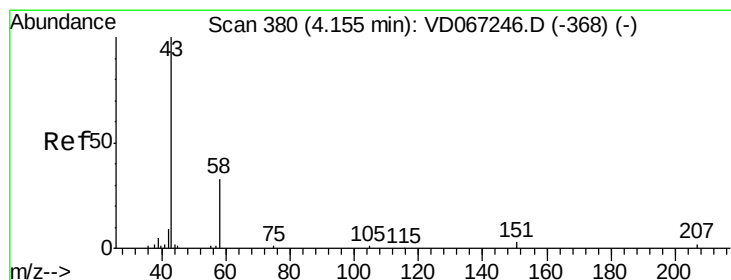
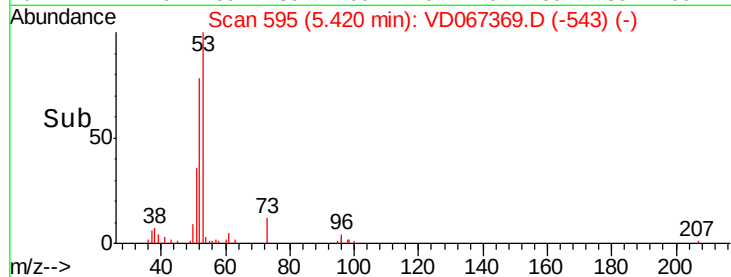
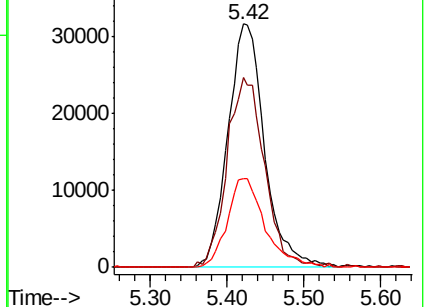
51 37.6 30.8 46.2



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: 239.456 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067369.D

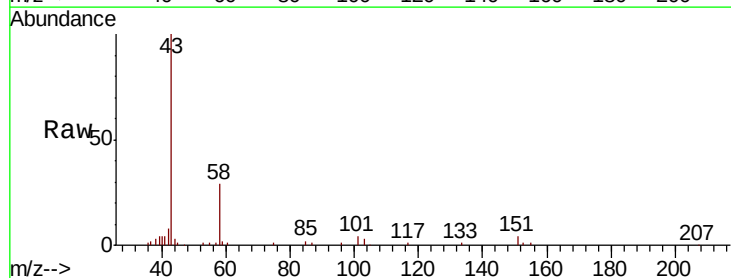
Acq: 22 Oct 2020 18:23

Tgt Ion: 43 Resp: 99321

Ion Ratio Lower Upper

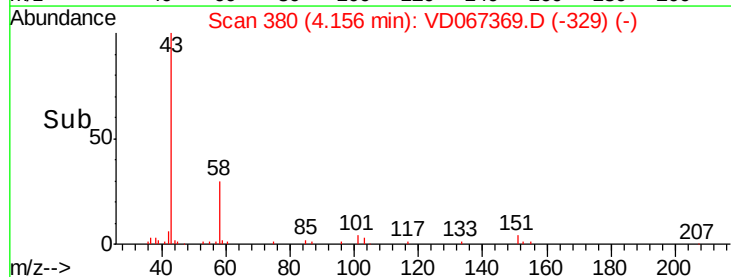
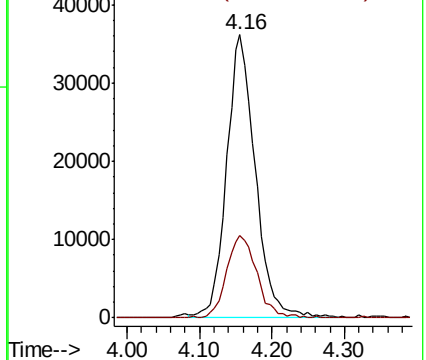
43 100

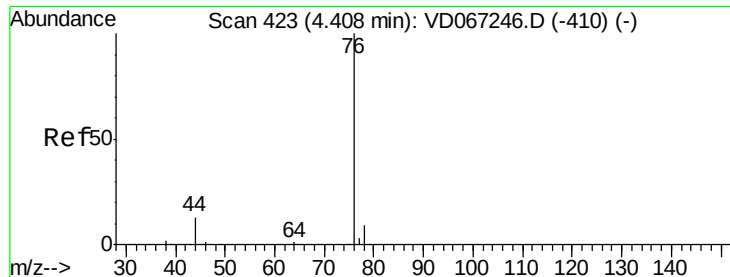
58 29.1 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 42.037 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

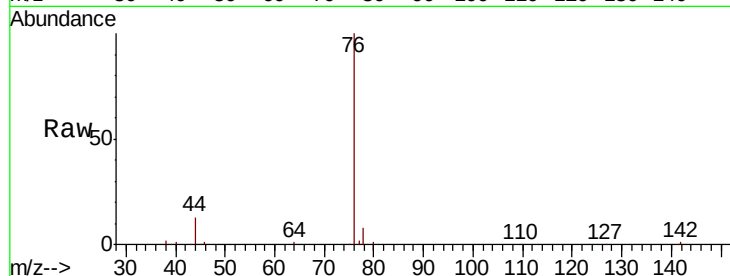
VSTDCCC050EC

Tot Ion: 76 Resp: 292381

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

120000

100000

80000

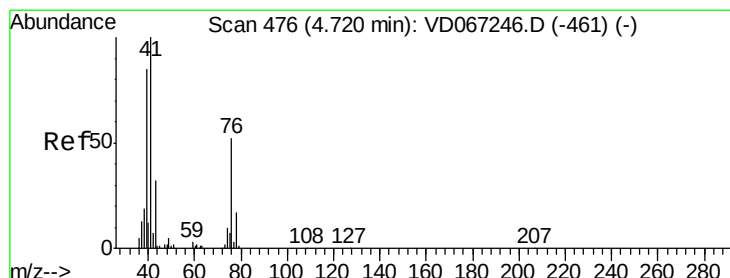
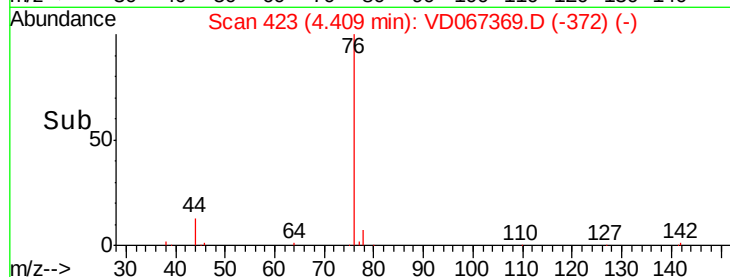
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 50.556 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD067369.D

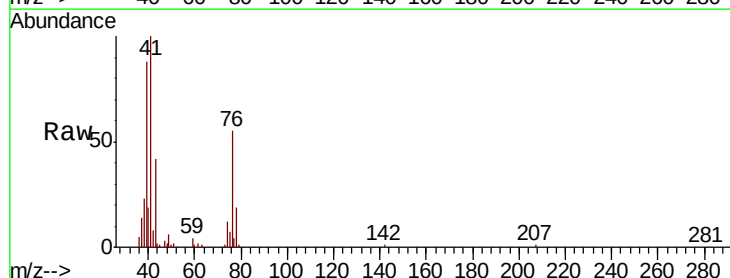
Acq: 22 Oct 2020 18:23

Tgt Ion: 43 Resp: 47829

Ion Ratio Lower Upper

43 100

74 34.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.72

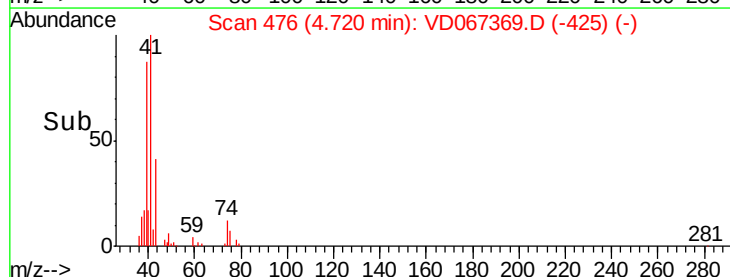
15000

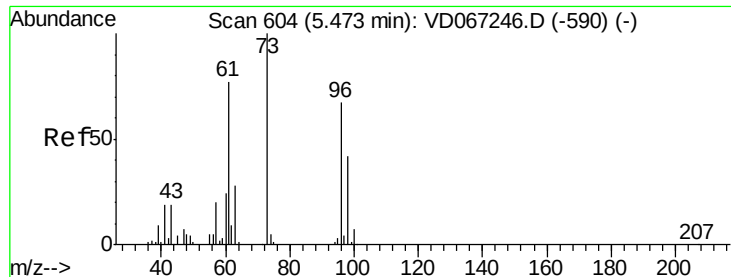
10000

5000

0

Time-->



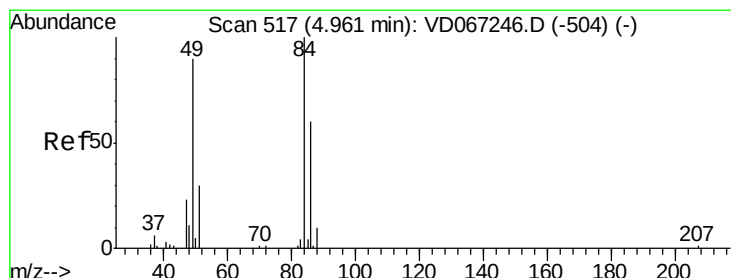
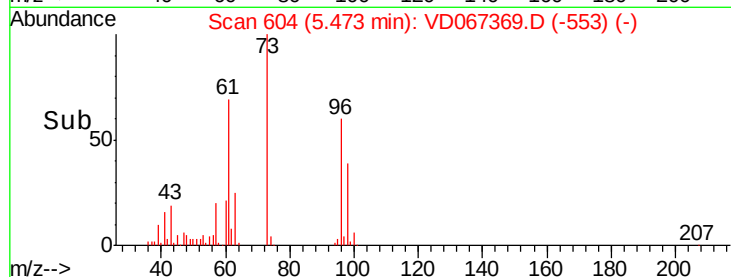
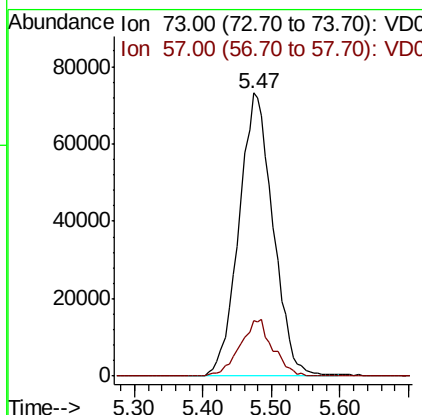
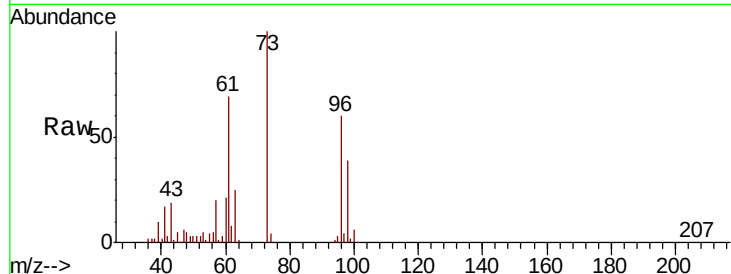


#19

Methyl tert-butyl Ether
 Concen: 52.237 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

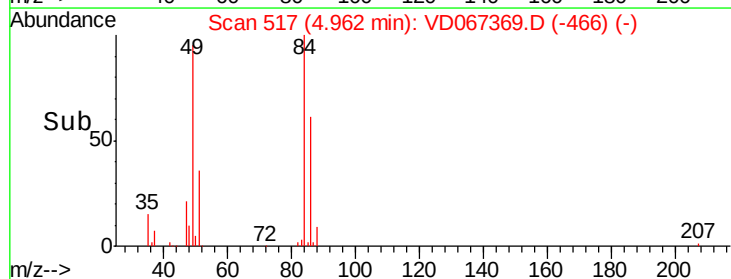
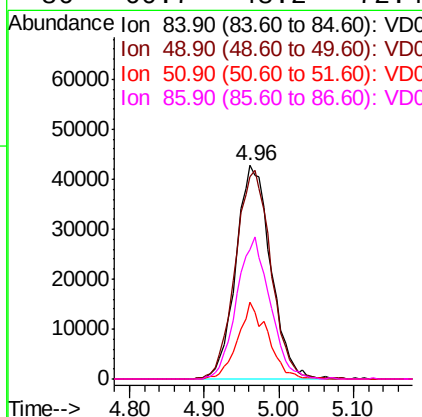
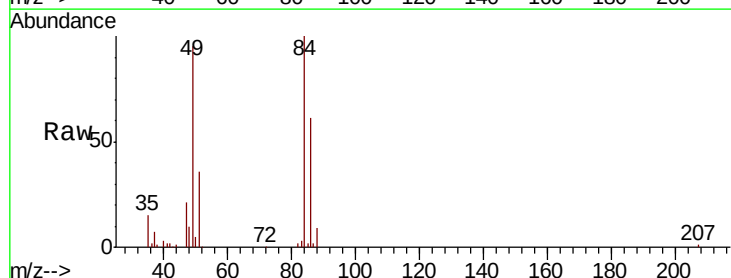
Tot Ion: 73 Resp: 253418
 Ion Ratio Lower Upper
 73 100
 57 19.8 15.7 23.5

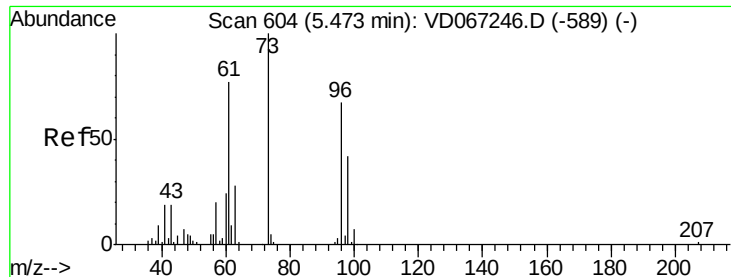


#20

Methylene Chloride
 Concen: 52.452 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Tgt Ion: 84 Resp: 138773
 Ion Ratio Lower Upper
 84 100
 49 94.9 72.2 108.2
 51 35.9 23.8 35.8#
 86 60.7 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 47.624 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

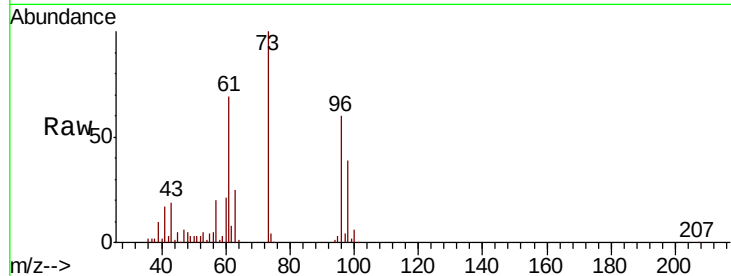
Tot Ion: 96 Resp: 133711

Ion Ratio Lower Upper

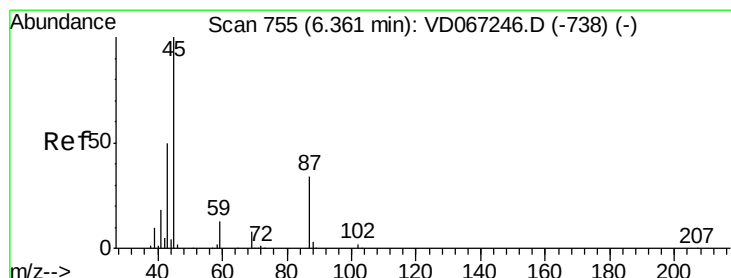
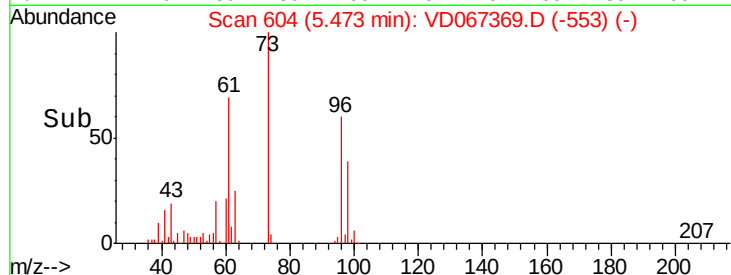
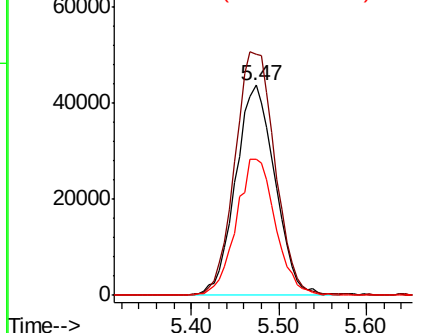
96 100

61 114.7 92.0 138.0

98 64.7 49.8 74.8



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



#22

Diisopropyl ether

Concen: 50.577 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Tgt Ion: 45 Resp: 258144

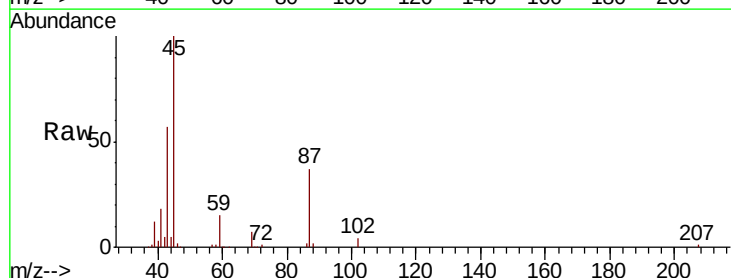
Ion Ratio Lower Upper

45 100

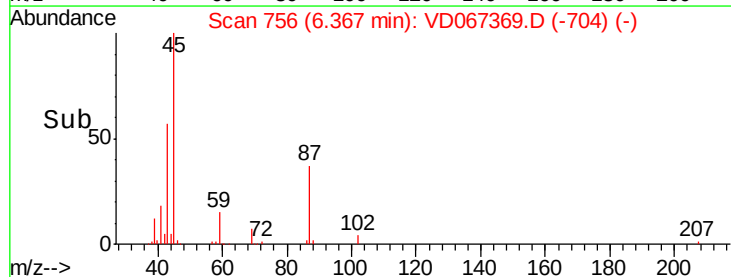
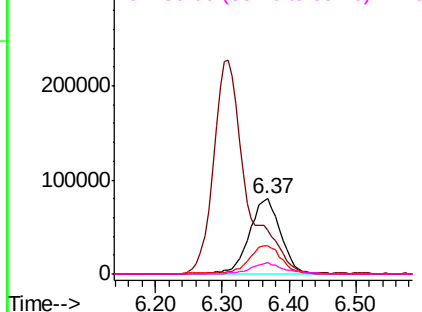
43 56.0 48.0 72.0

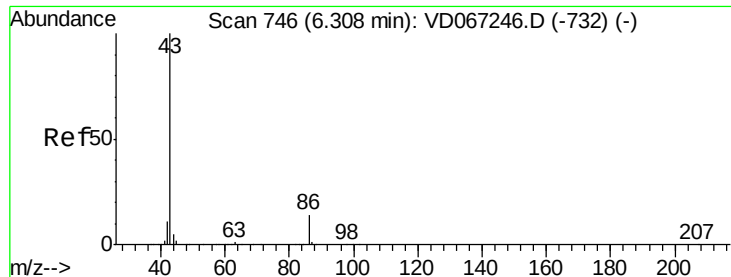
87 36.9 28.5 42.7

59 14.9 10.5 15.7



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 269.188 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

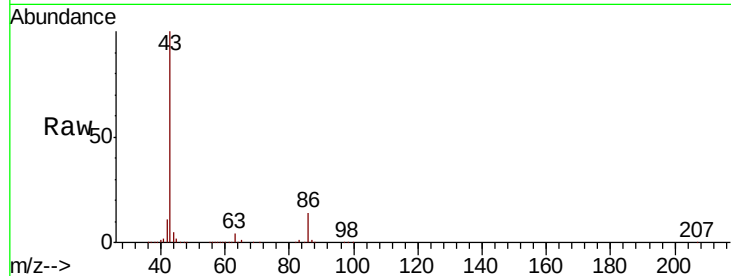
VSTDCCC050EC

Tot Ion: 43 Resp: 781658

Ion Ratio Lower Upper

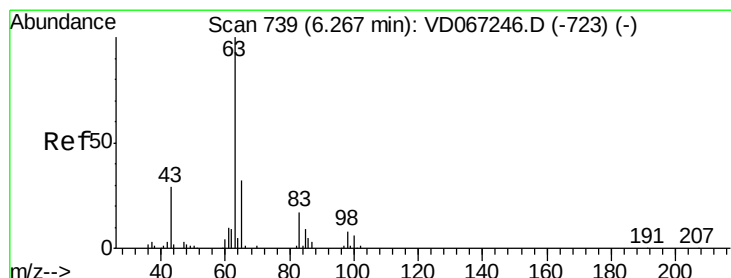
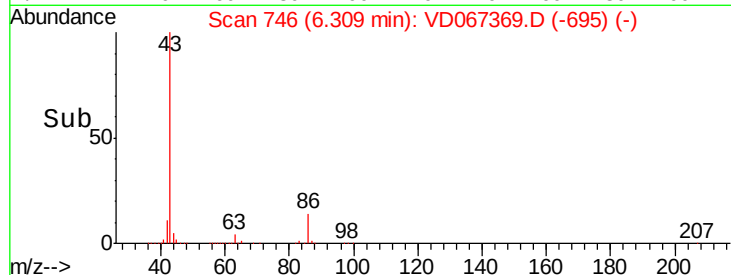
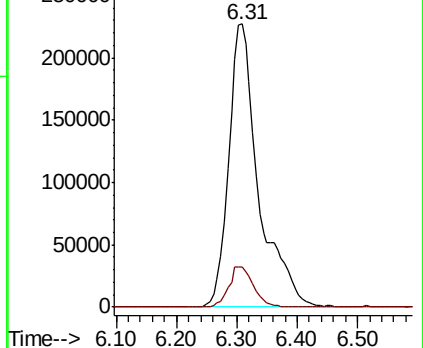
43 100

86 14.3 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 48.628 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

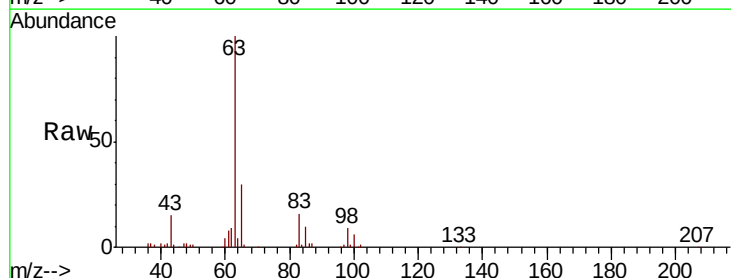
Tgt Ion: 63 Resp: 212458

Ion Ratio Lower Upper

63 100

98 9.4 4.0 12.2

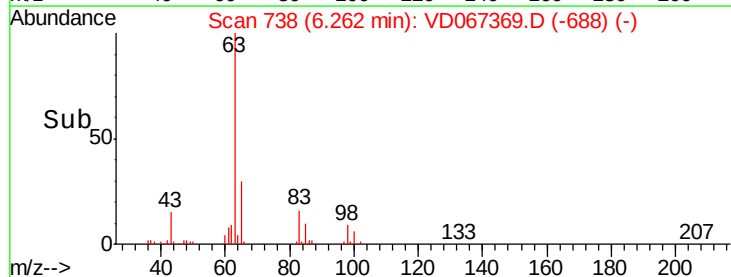
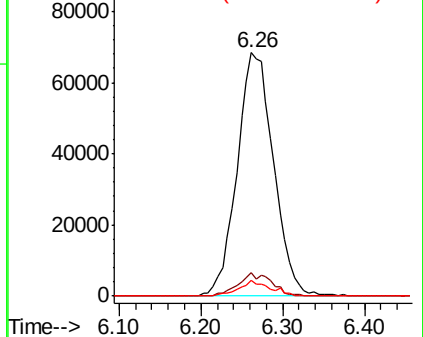
100 6.3 2.8 8.4

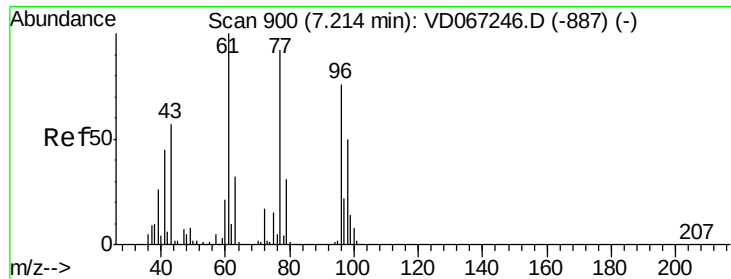


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

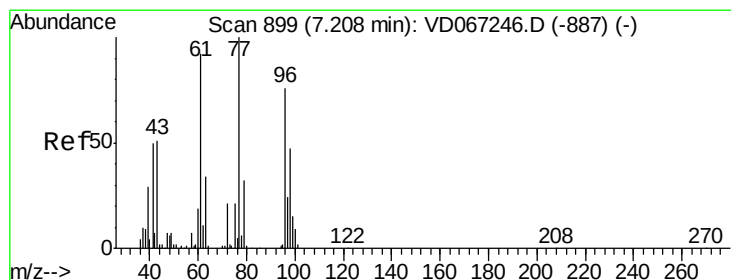
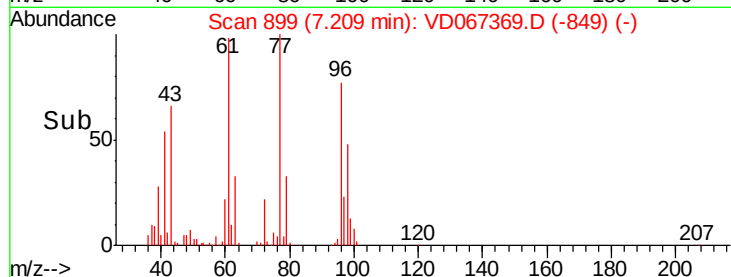
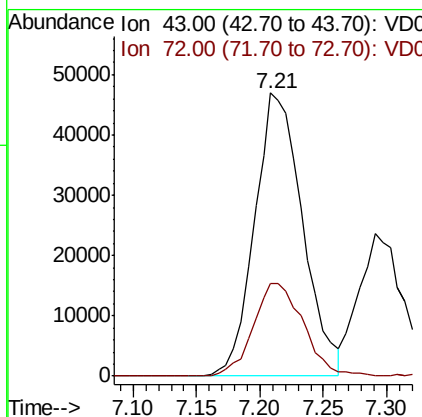
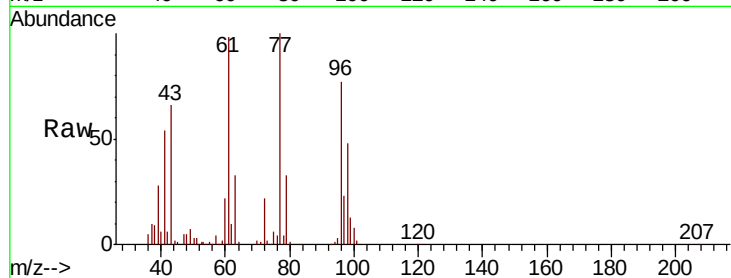




#25
 2-Butanone
 Concen: 261.670 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

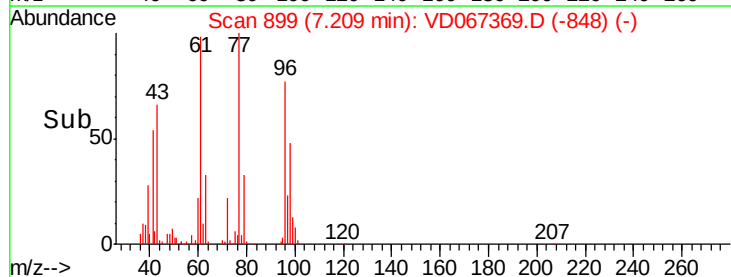
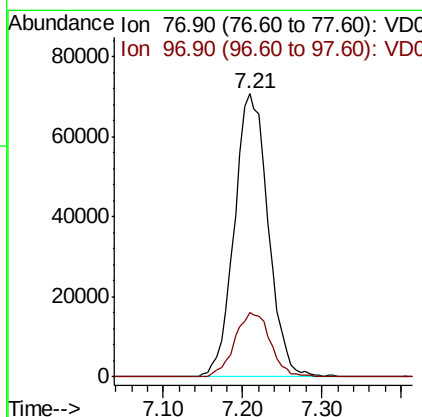
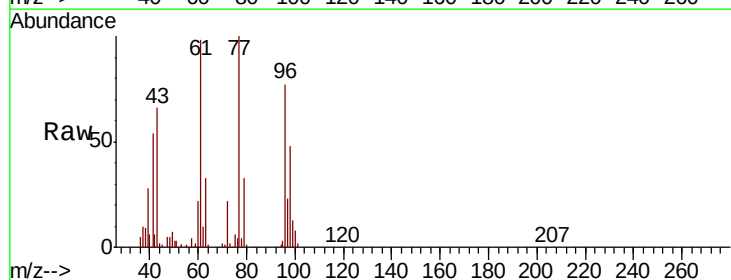
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

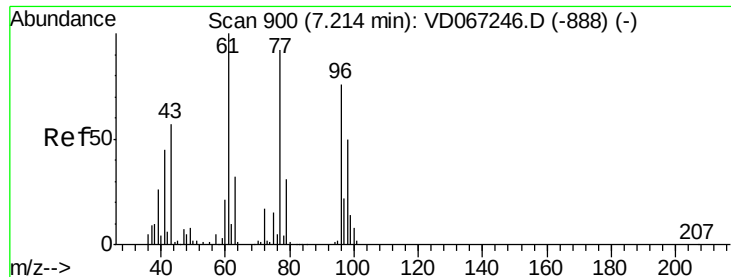
Tot Ion: 43 Resp: 123719
 Ion Ratio Lower Upper
 43 100
 72 32.6 23.7 35.5



#26
 2,2-Dichloropropane
 Concen: 46.368 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Tgt Ion: 77 Resp: 208809
 Ion Ratio Lower Upper
 77 100
 97 23.9 11.4 34.2



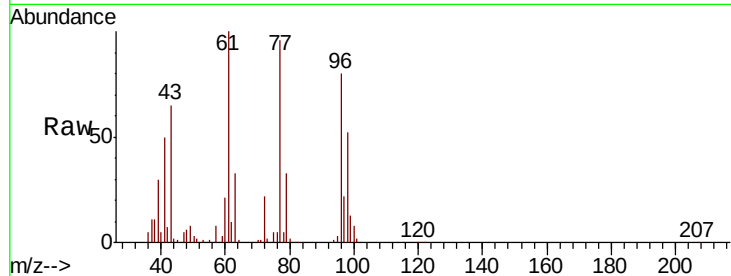


#27

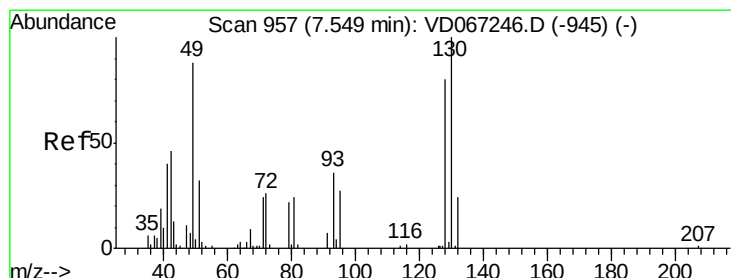
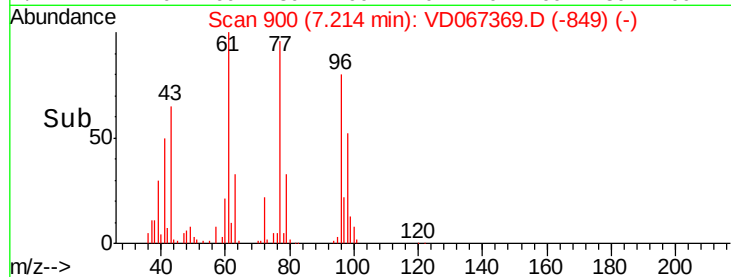
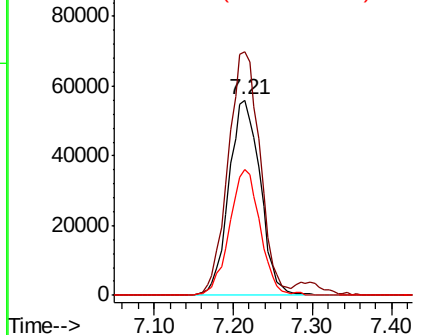
cis-1,2-Dichloroethene
 Concen: 49.727 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 153015
 Ion Ratio Lower Upper
 96 100
 61 127.1 0.0 255.4
 98 63.3 0.0 128.0



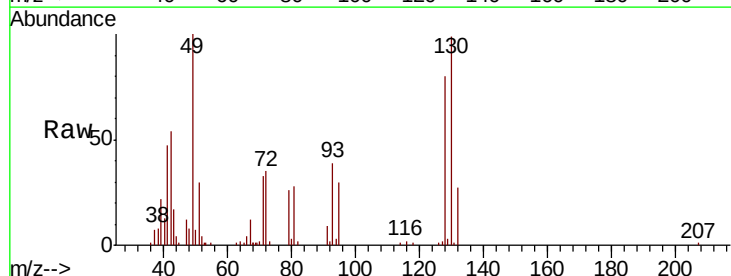
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



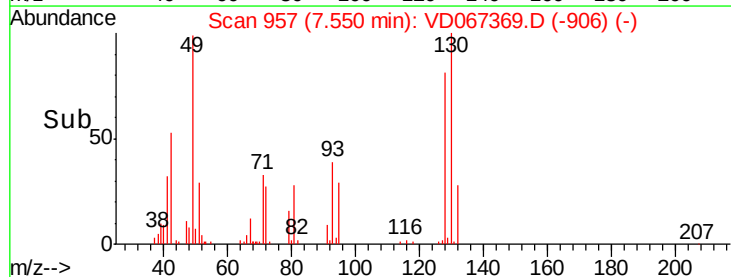
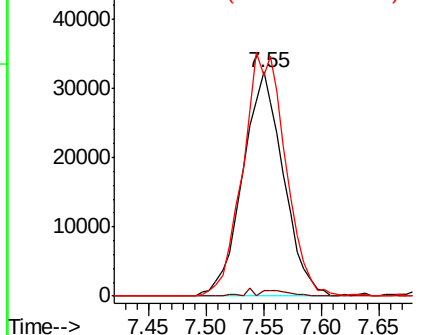
#28

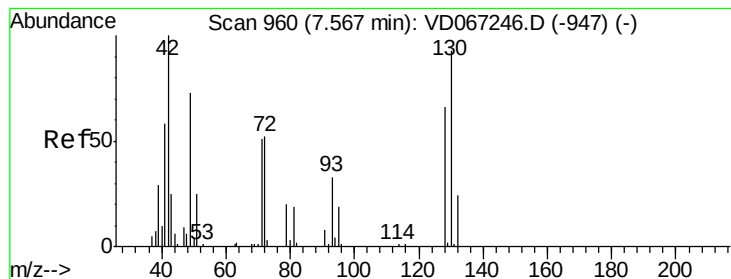
Bromochloromethane
 Concen: 53.096 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Tgt Ion: 49 Resp: 79126
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 1.6#
 130 114.4 91.0 136.6



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: 255.484 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

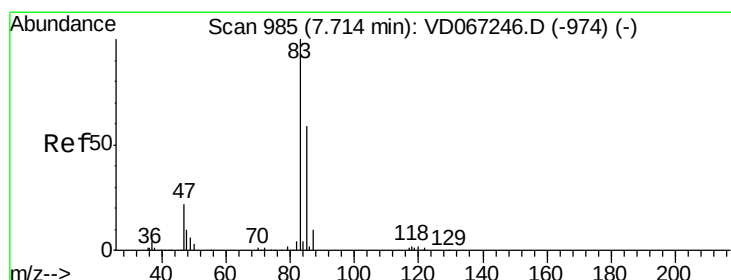
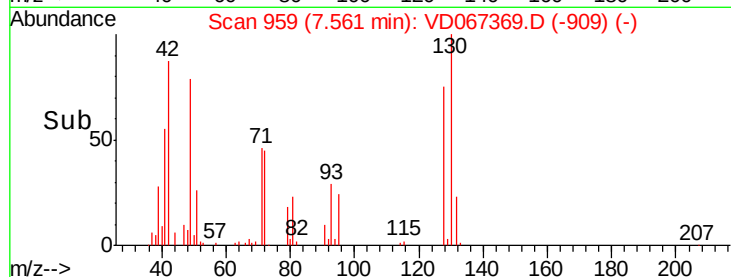
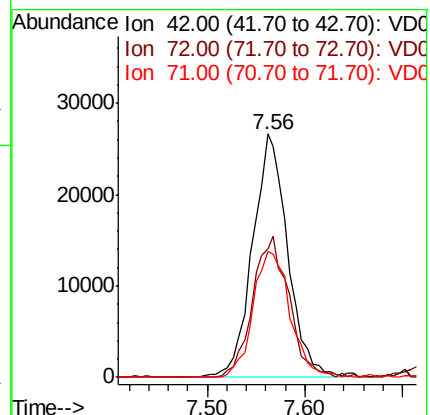
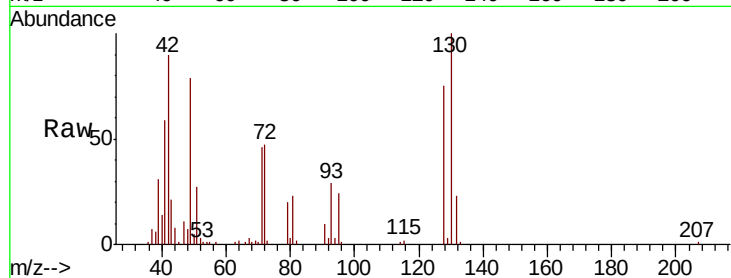
Tot Ion: 42 Resp: 67147

Ion Ratio Lower Upper

42 100

72 59.8 43.2 64.8

71 54.7 39.4 59.0



#30

Chloroform

Concen: 50.135 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067369.D

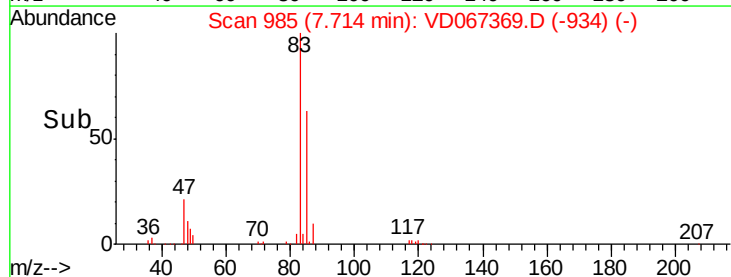
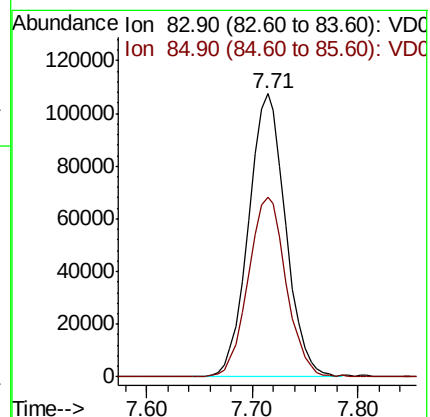
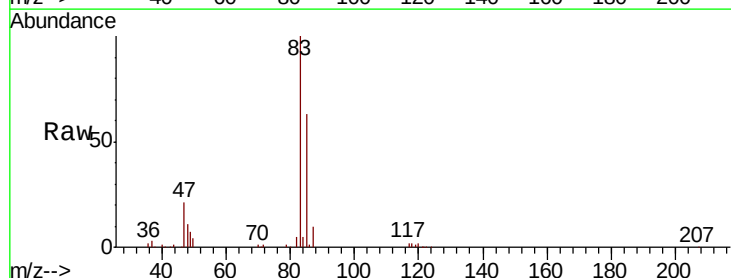
Acq: 22 Oct 2020 18:23

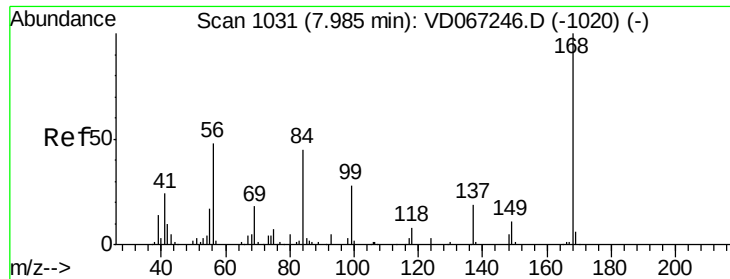
Tgt Ion: 83 Resp: 261669

Ion Ratio Lower Upper

83 100

85 63.4 47.3 70.9

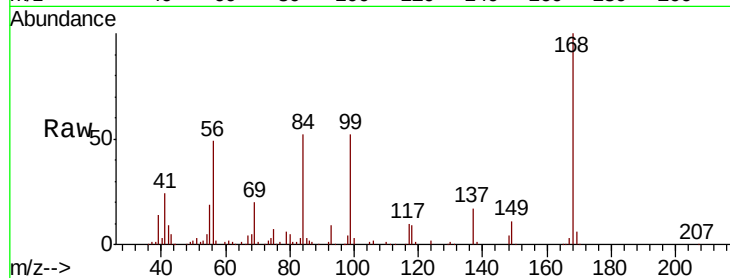




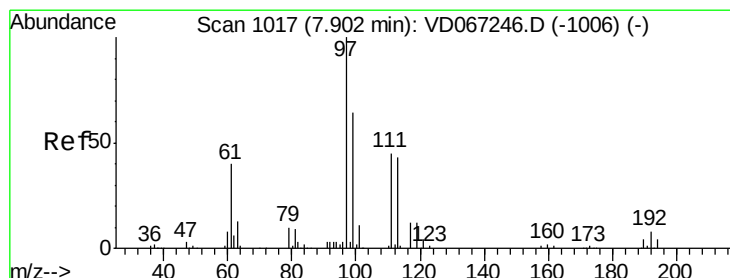
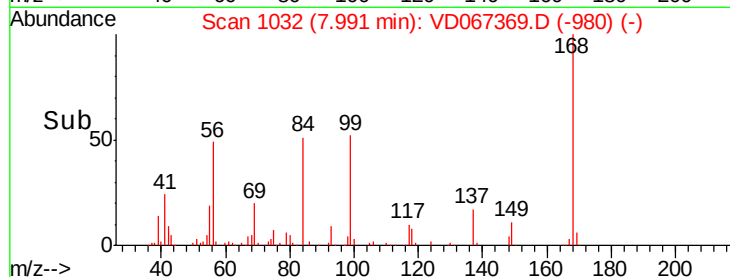
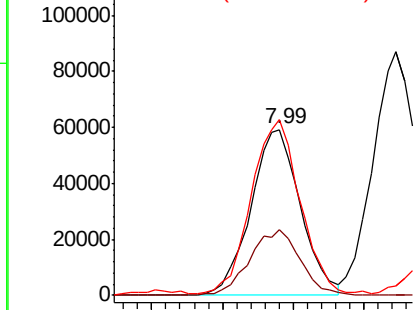
#31
Cyclohexane
Concen: 42.802 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 146005
Ion Ratio Lower Upper
56 100
69 39.6 29.8 44.6
84 104.5 76.6 114.8

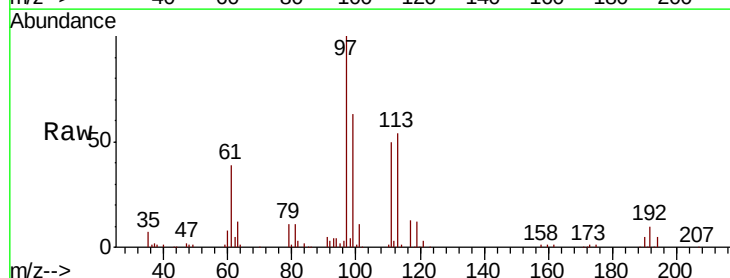


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

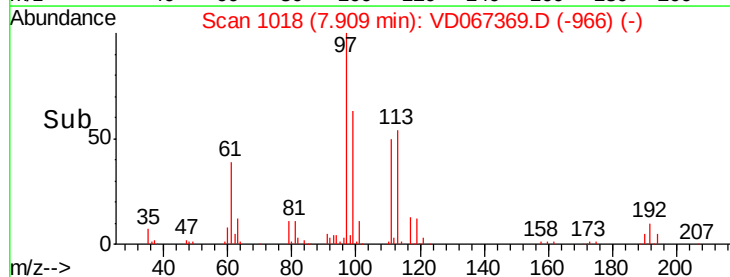
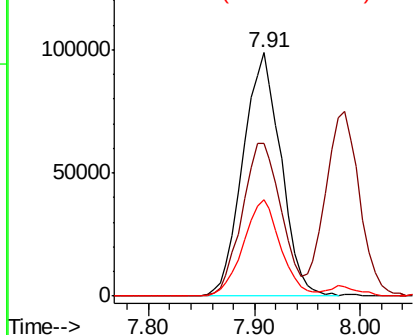


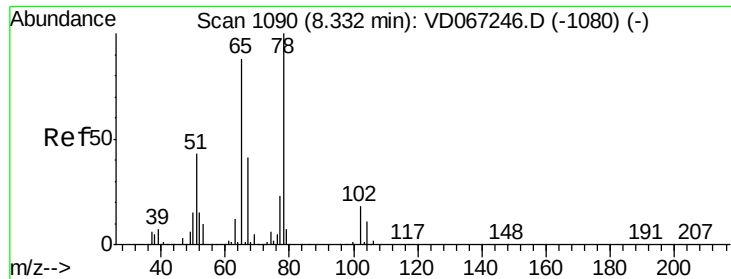
#32
1,1,1-Trichloroethane
Concen: 48.337 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion: 97 Resp: 247532
Ion Ratio Lower Upper
97 100
99 64.5 50.2 75.4
61 39.0 30.5 45.7



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

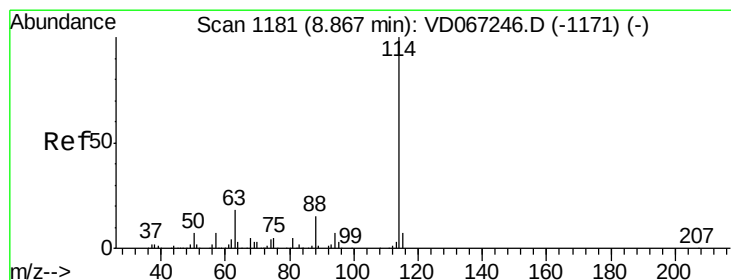
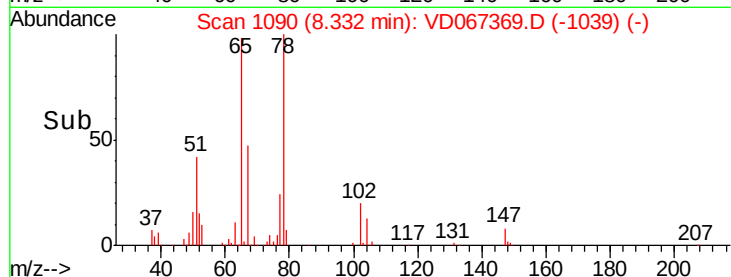
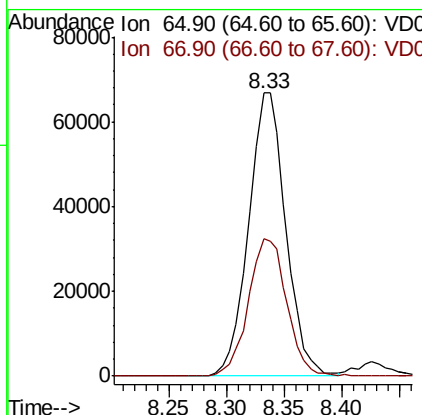
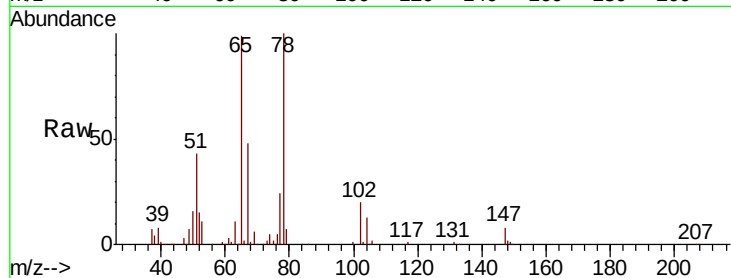




#33
 1,2-Dichloroethane-d4
 Concen: 50.610 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

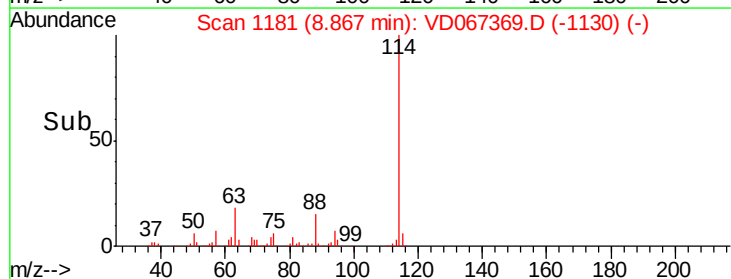
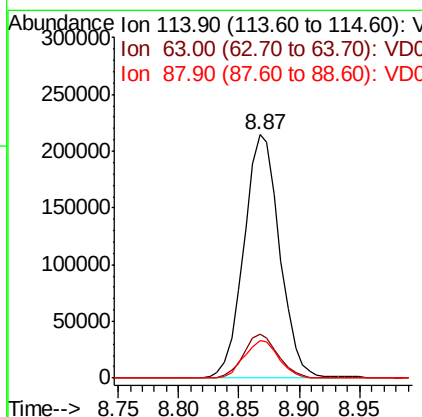
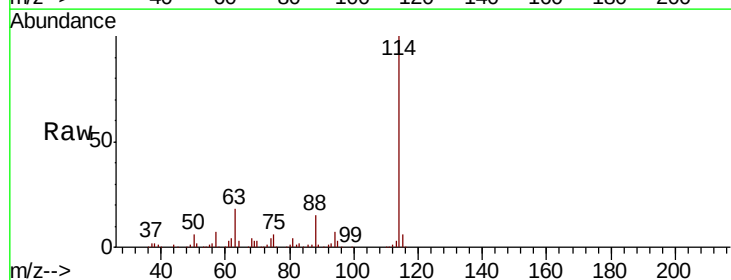
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

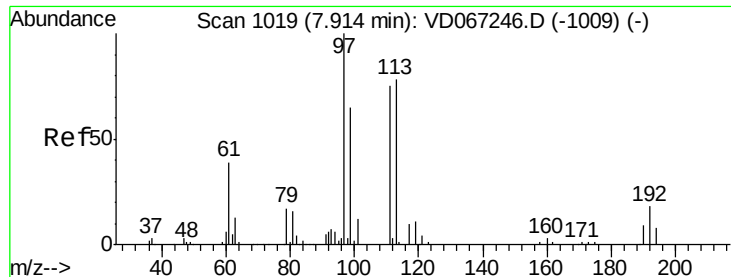
Tot Ion: 65 Resp: 149890
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Tgt Ion: 114 Resp: 442405
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.0
 88 15.4 0.0 30.6

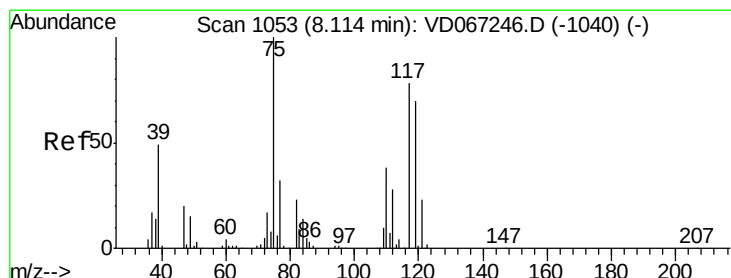
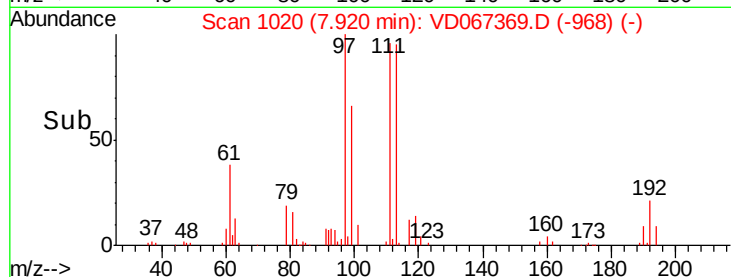
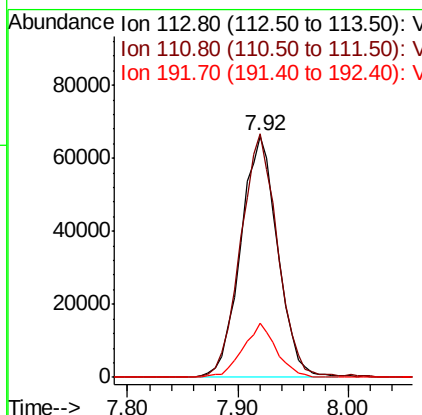
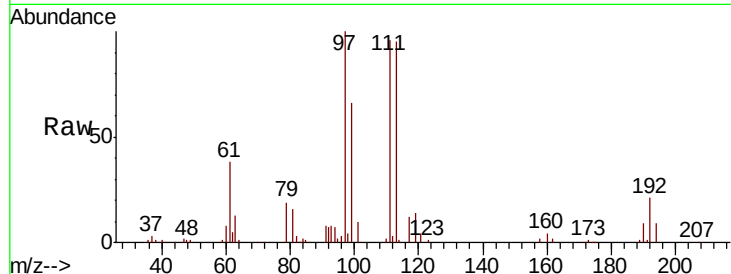




#35
 Dibromofluoromethane
 Concen: 52.831 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

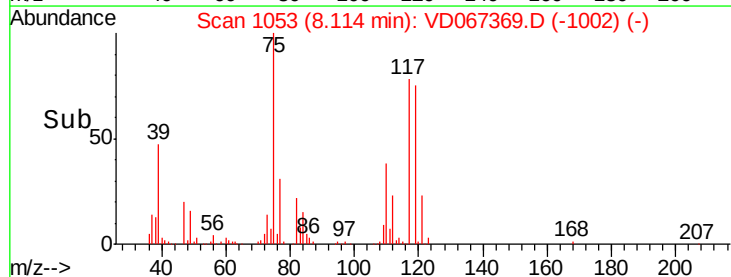
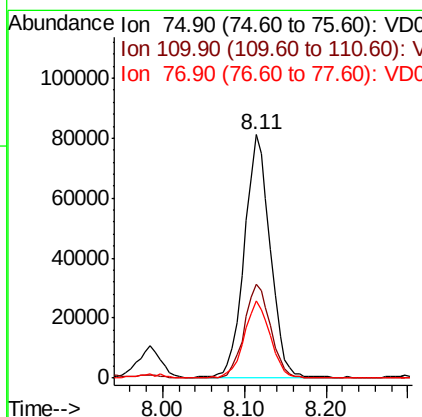
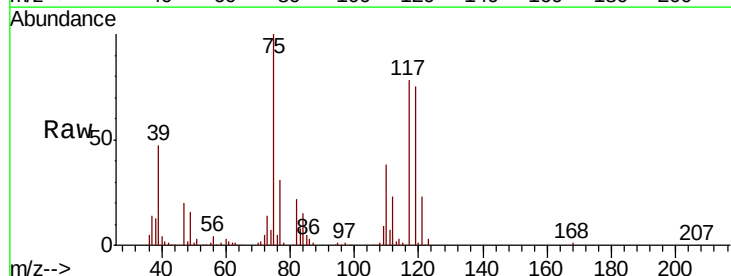
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

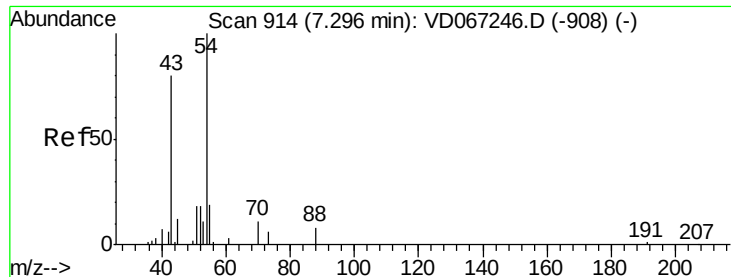
Tot Ion:113 Resp: 155546
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.6 122.4
 192 20.4 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 47.809 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Tgt Ion: 75 Resp: 179269
 Ion Ratio Lower Upper
 75 100
 110 38.8 19.6 58.7
 77 31.9 24.6 37.0

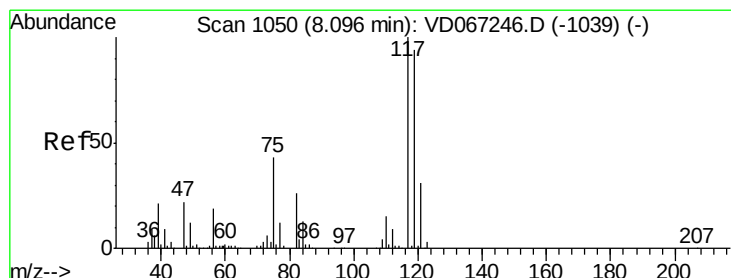
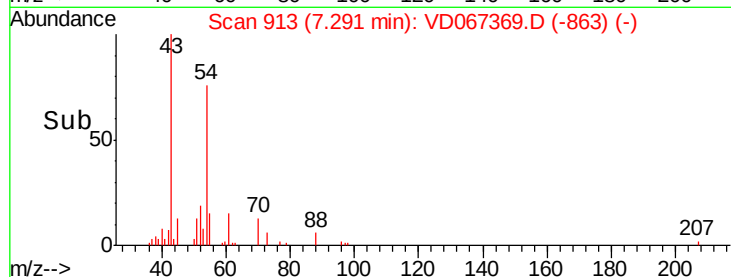
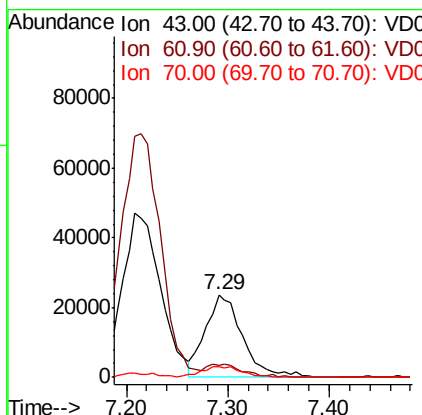
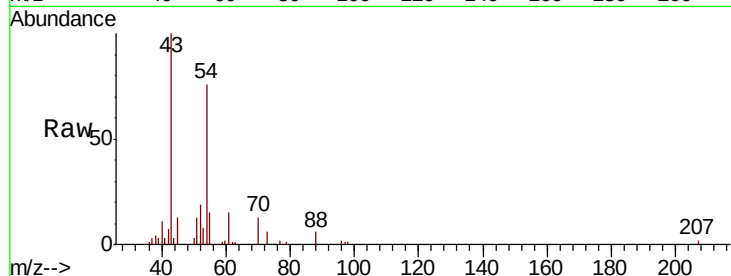




#37
Ethyl Acetate
Concen: 54.645 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

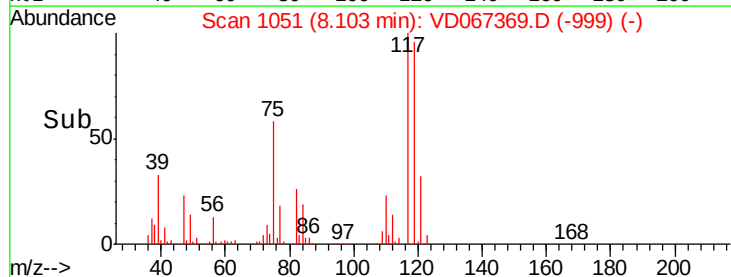
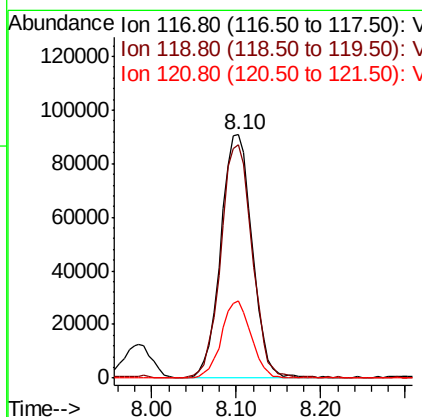
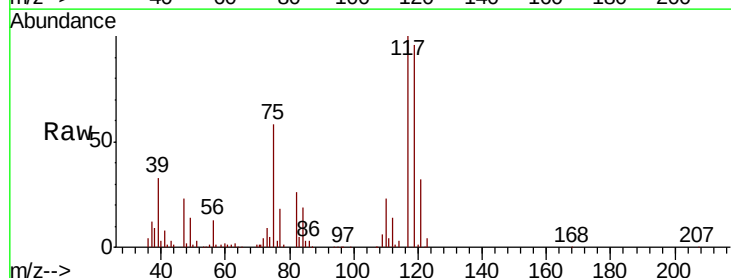
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

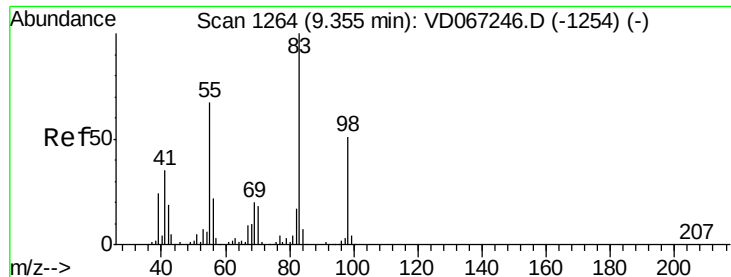
Tot Ion: 43 Resp: 60285
Ion Ratio Lower Upper
43 100
61 12.9 15.6 23.4#
70 14.0 10.4 15.6



#38
Carbon Tetrachloride
Concen: 48.722 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion: 117 Resp: 233496
Ion Ratio Lower Upper
117 100
119 95.2 75.0 112.4
121 31.5 24.9 37.3

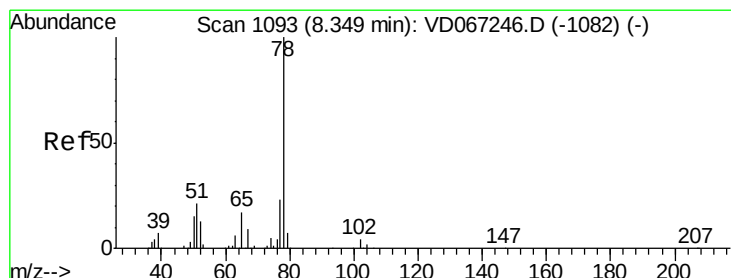
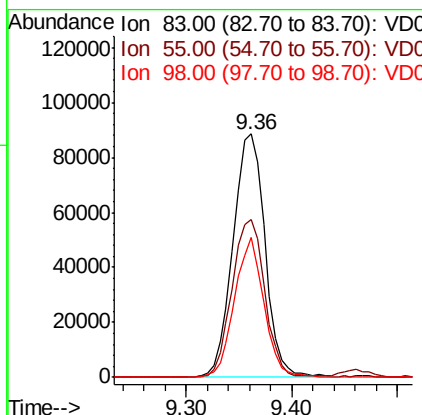
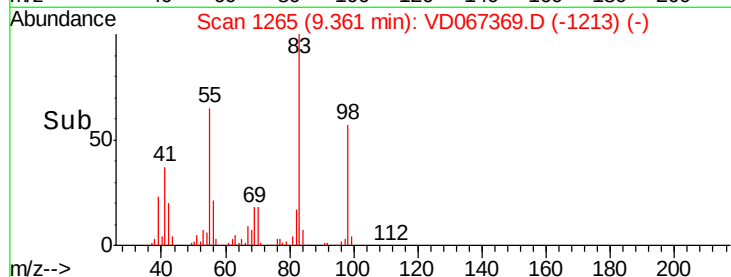
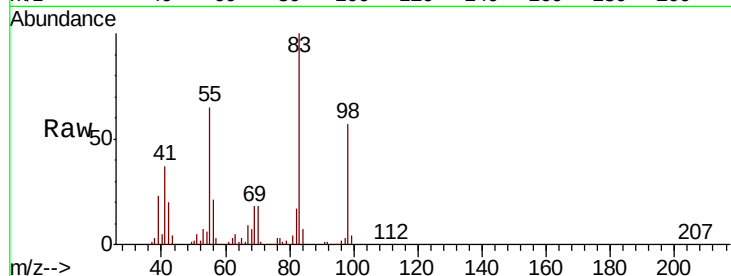




#39
Methylvlcyclohexane
Concen: 47.523 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

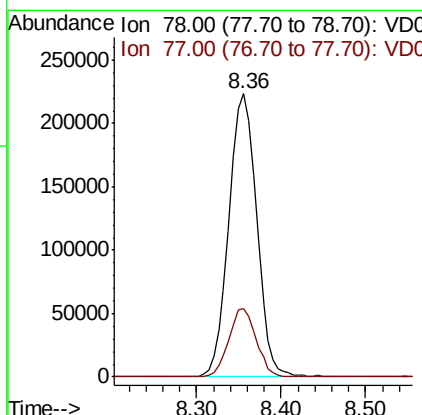
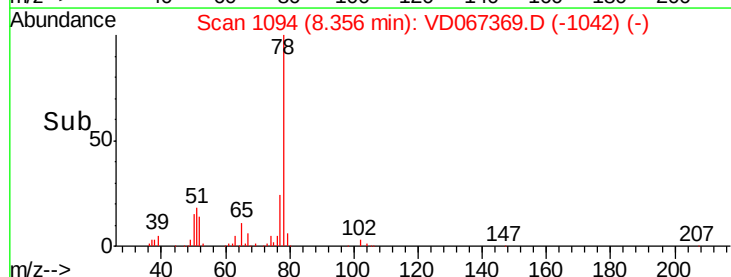
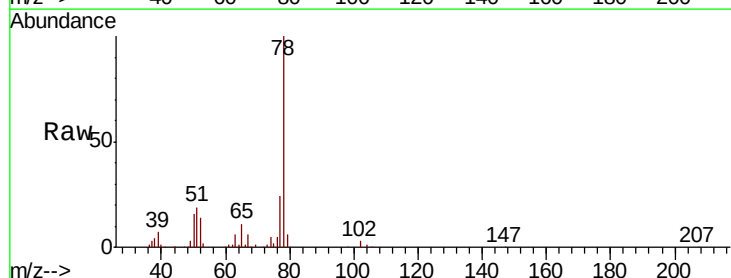
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

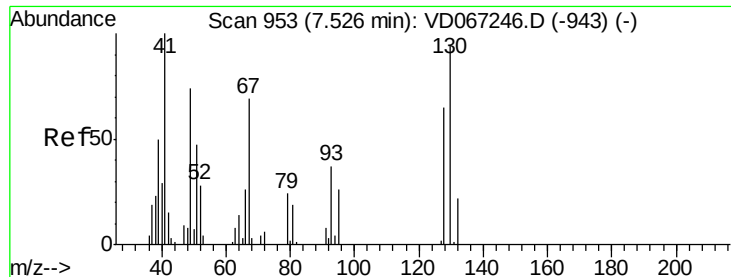
Tot Ion: 83 Resp: 186291
Ion Ratio Lower Upper
83 100
55 64.8 53.3 79.9
98 57.3 41.0 61.4



#40
Benzene
Concen: 49.499 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion: 78 Resp: 509187
Ion Ratio Lower Upper
78 100
77 24.1 18.3 27.5





#41

Methacrylonitrile

Concen: 128.815 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.04 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 76795

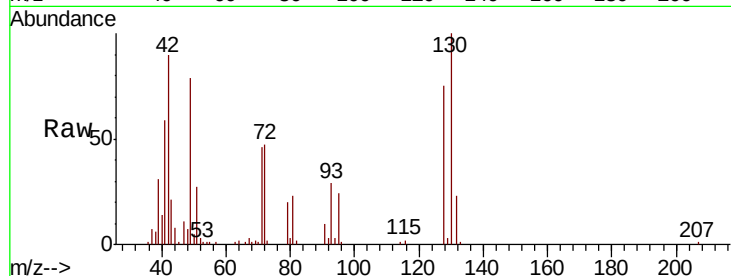
Ion Ratio Lower Upper

41 100

39 0.0 60.0 90.0#

67 0.0 88.9 133.3#

52 0.0 36.9 55.3#

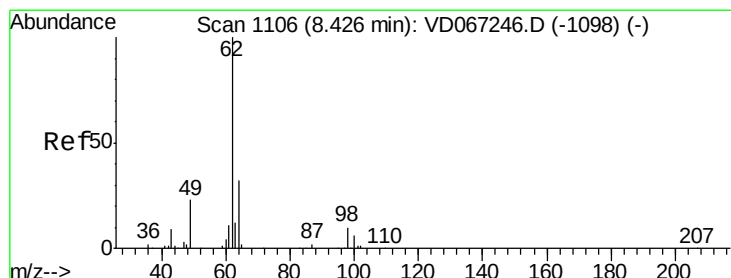
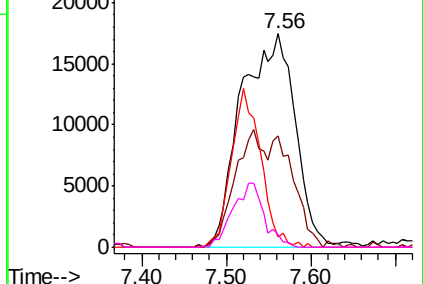
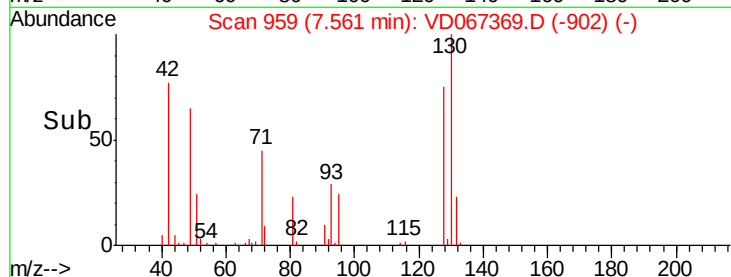


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 50.006 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067369.D

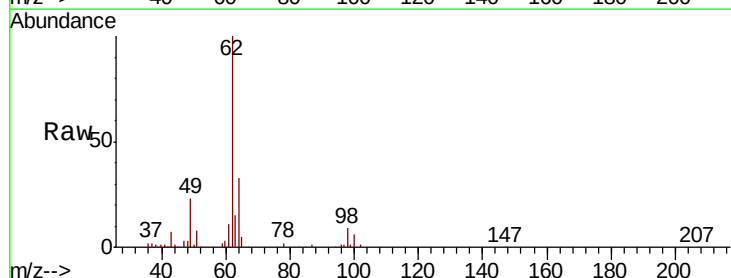
Acq: 22 Oct 2020 18:23

Tgt Ion: 62 Resp: 160981

Ion Ratio Lower Upper

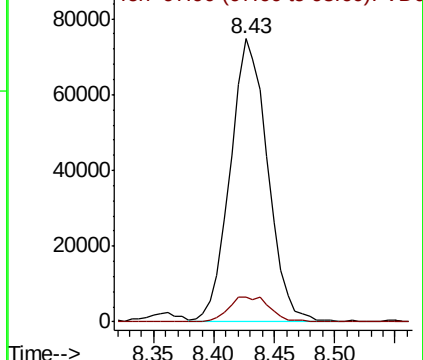
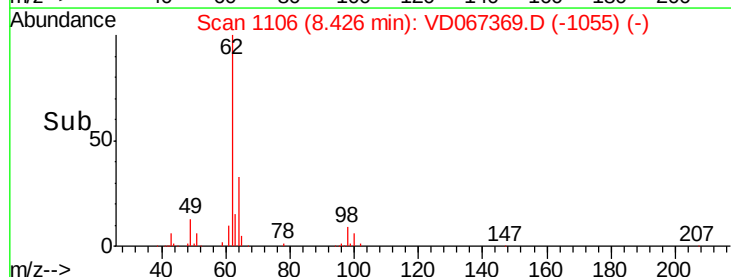
62 100

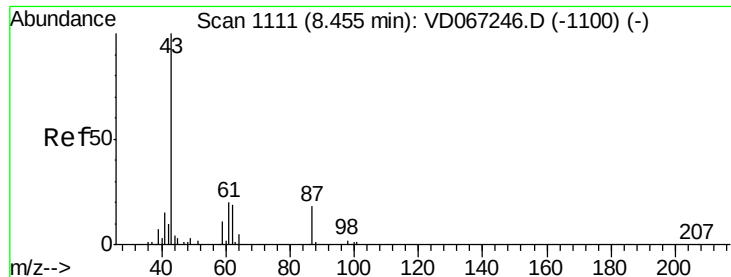
98 9.8 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 52.178 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

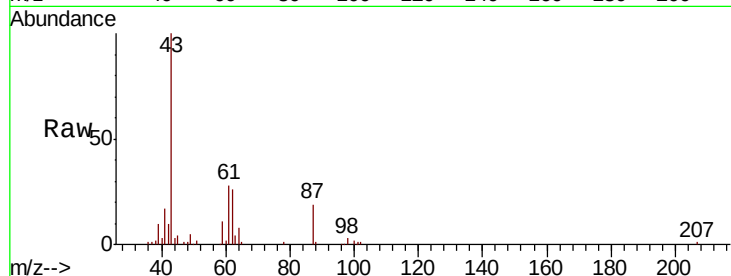
Tot Ion: 43 Resp: 114222

Ion Ratio Lower Upper

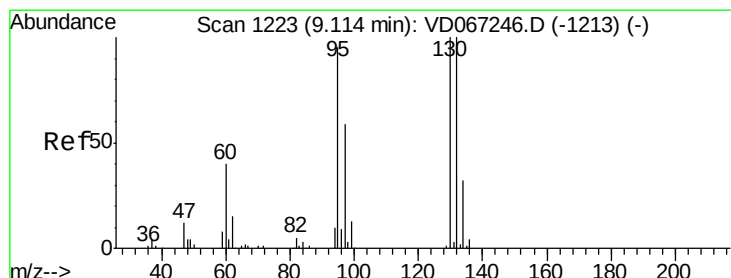
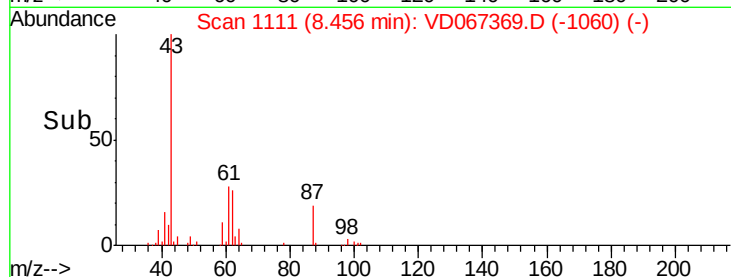
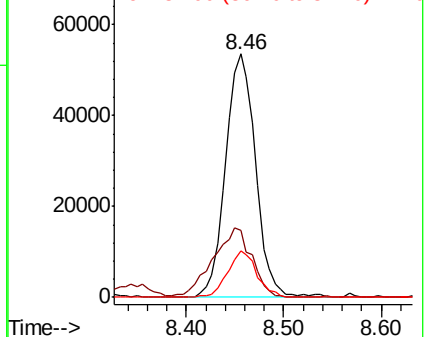
43 100

61 36.8 29.5 44.3

87 18.6 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 48.898 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067369.D

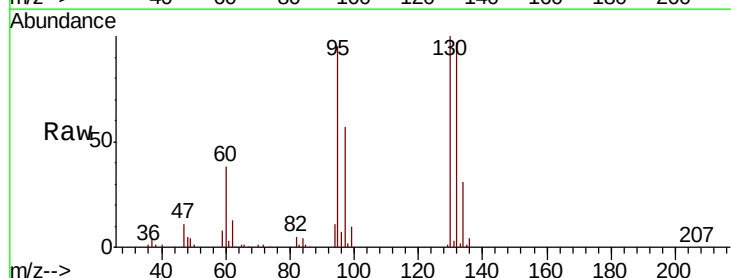
Acq: 22 Oct 2020 18:23

Tgt Ion:130 Resp: 161050

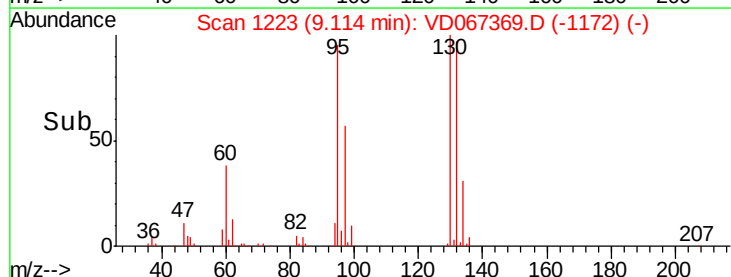
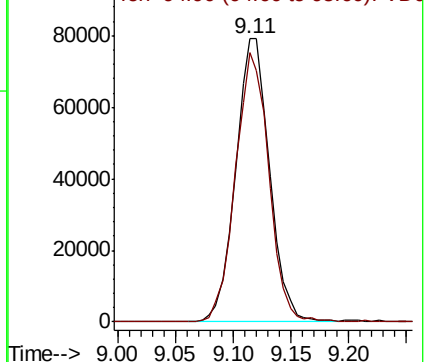
Ion Ratio Lower Upper

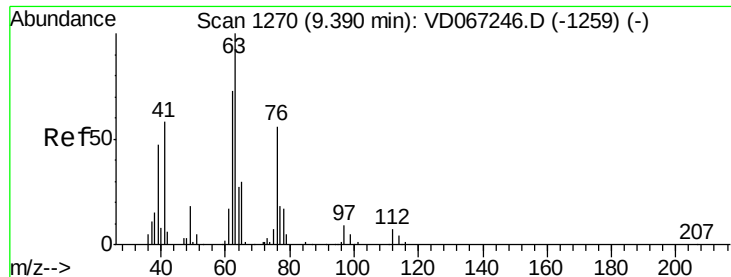
130 100

95 95.0 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 47.902 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

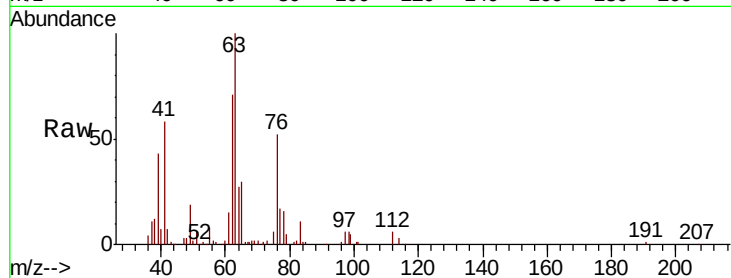
VSTDCCC050EC

Tot Ion: 63 Resp: 114201

Ion Ratio Lower Upper

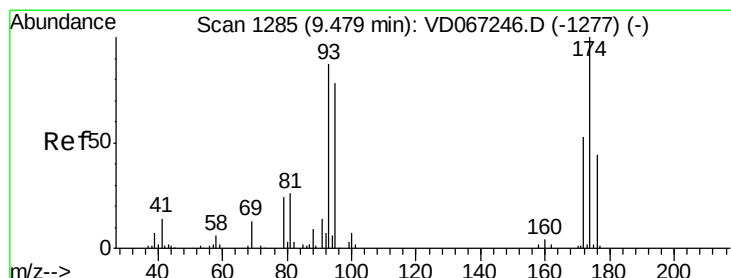
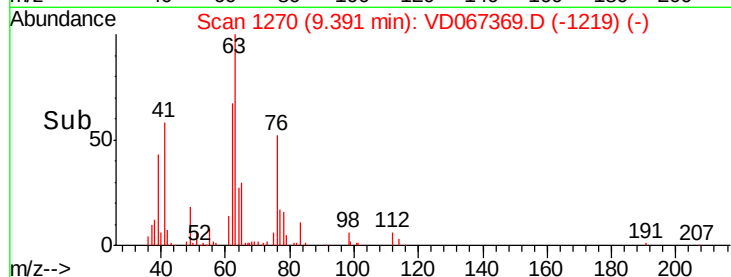
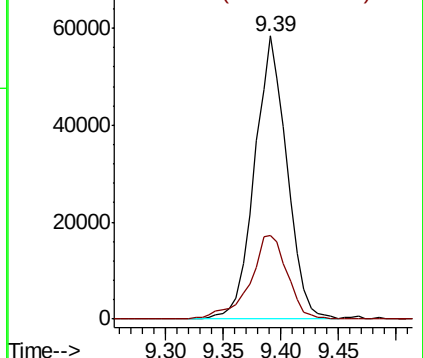
63 100

65 29.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 51.370 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

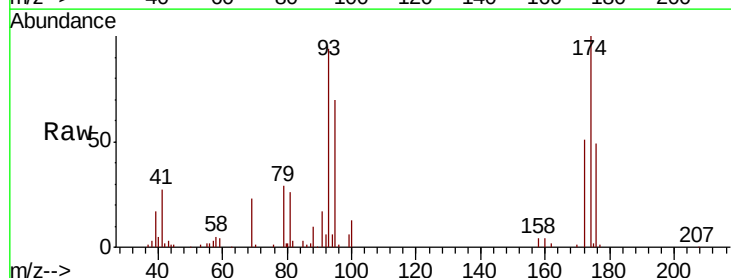
Tgt Ion: 93 Resp: 76304

Ion Ratio Lower Upper

93 100

95 81.5 68.0 102.0

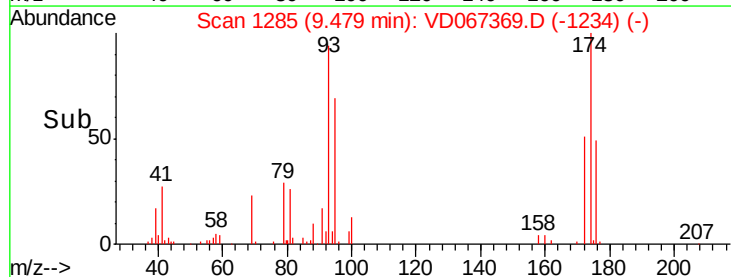
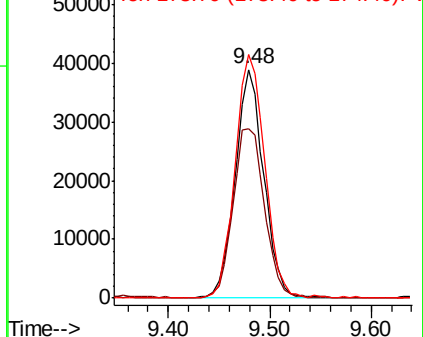
174 109.9 91.8 137.6

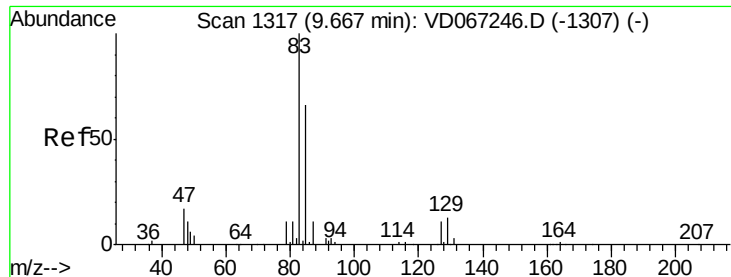


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.683 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

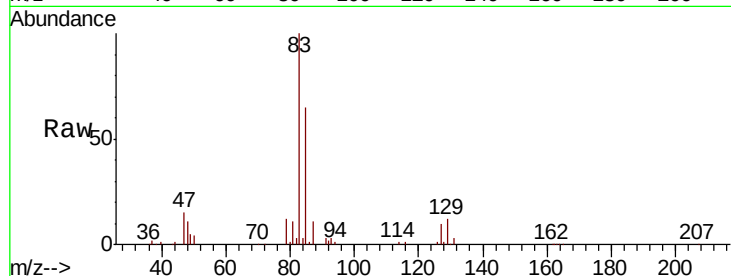
Tot Ion: 83 Resp: 205682

Ion Ratio Lower Upper

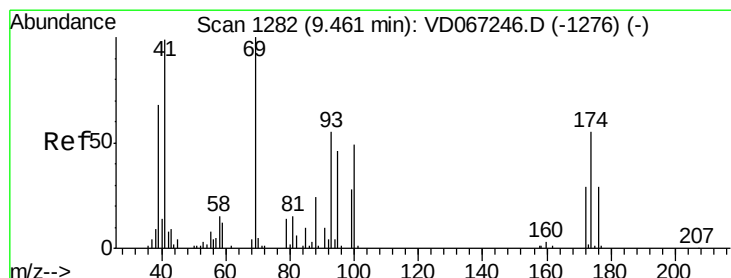
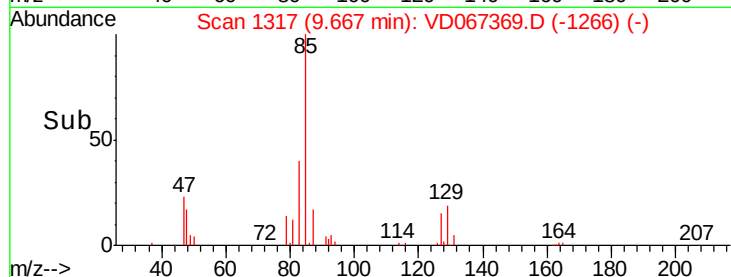
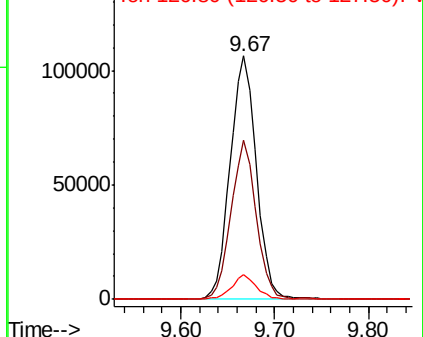
83 100

85 65.4 53.1 79.7

127 9.9 8.6 13.0



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: 53.249 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

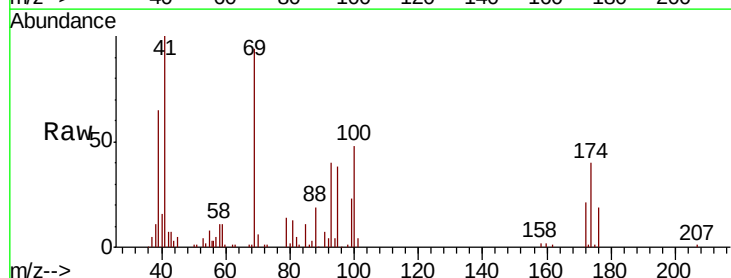
Tgt Ion: 41 Resp: 56647

Ion Ratio Lower Upper

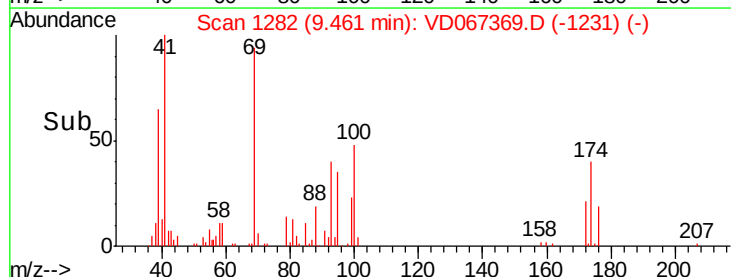
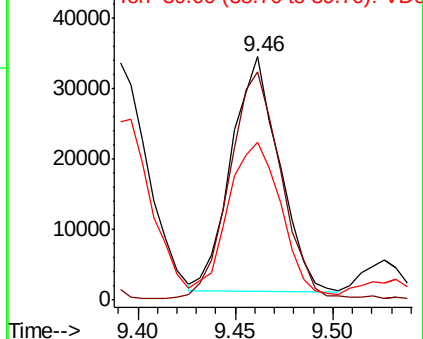
41 100

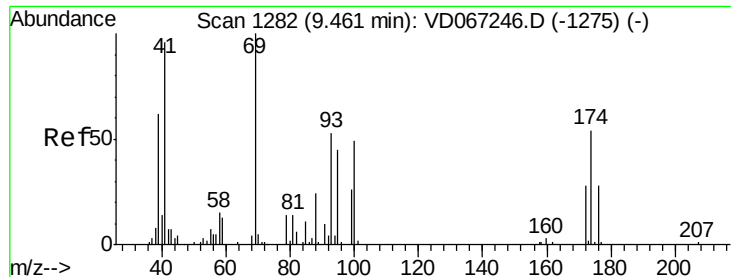
69 106.8 89.0 133.6

39 76.7 60.2 90.2



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

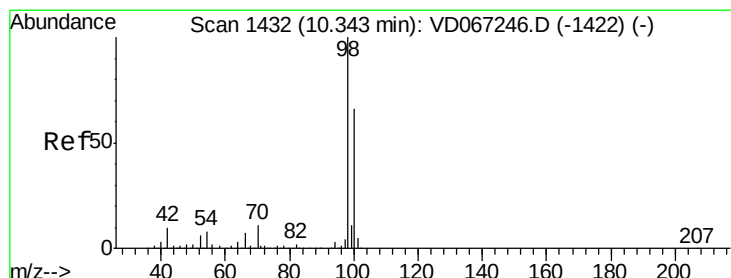
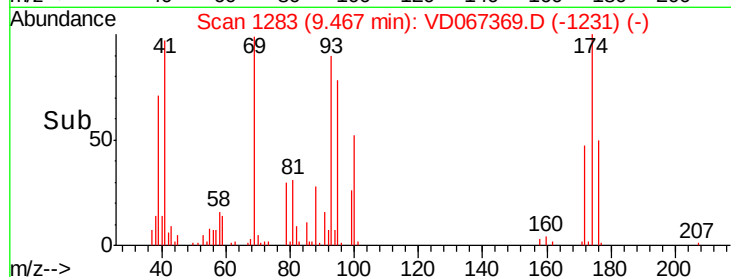
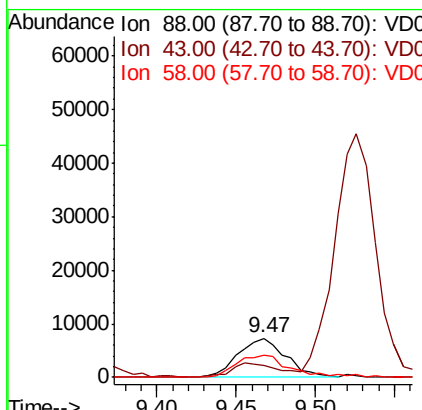
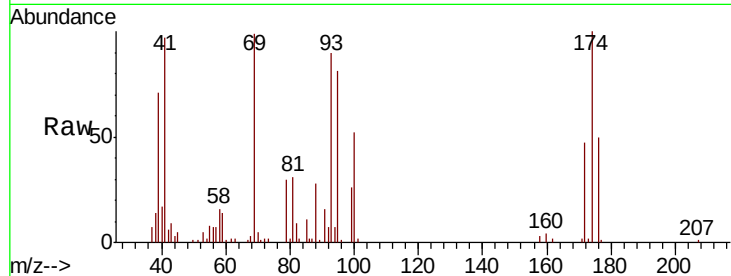




#49
1,4-Dioxane
Concen: 1063.313 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

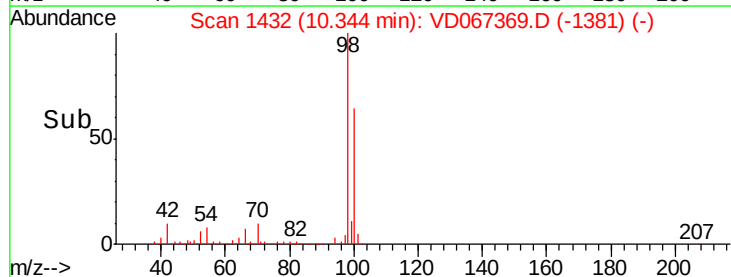
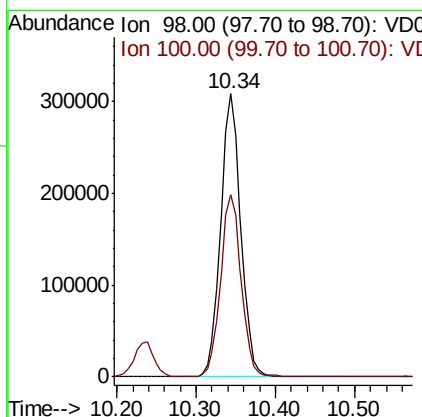
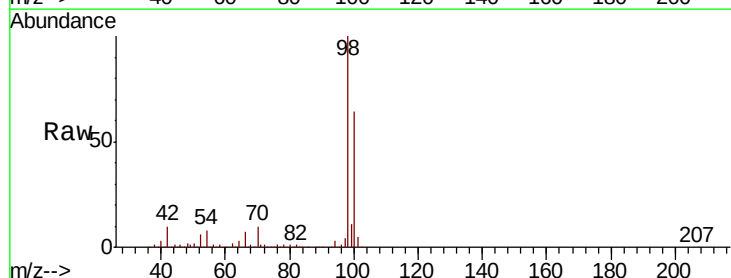
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

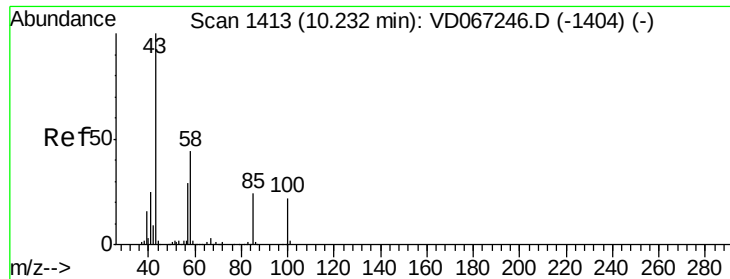
Tot Ion: 88 Resp: 15257
Ion Ratio Lower Upper
88 100
43 35.1 23.9 35.9
58 64.9 51.0 76.6



#50
Toluene-d8
Concen: 50.922 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion: 98 Resp: 542563
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

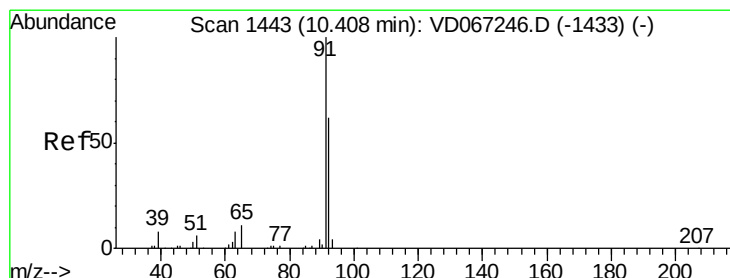
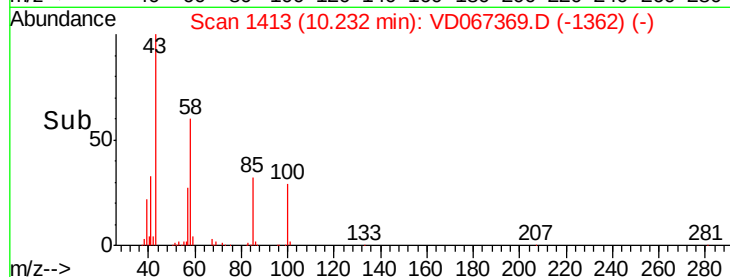
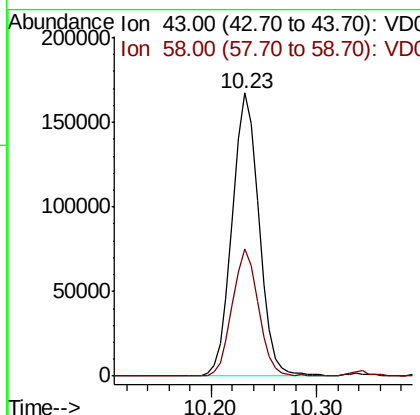
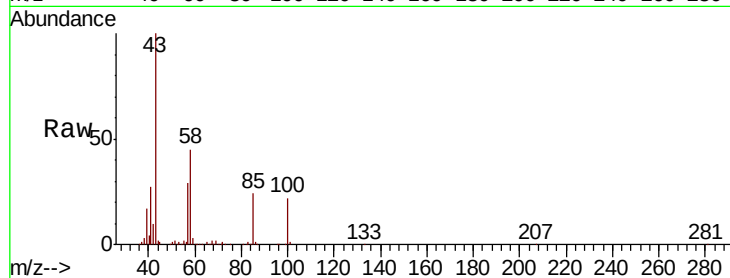




#51
4-Methyl-2-Pentanone
Concen: 268.847 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

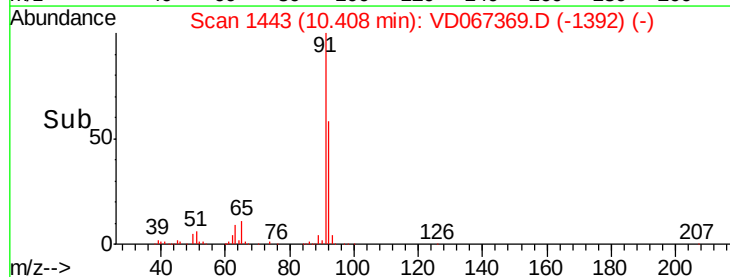
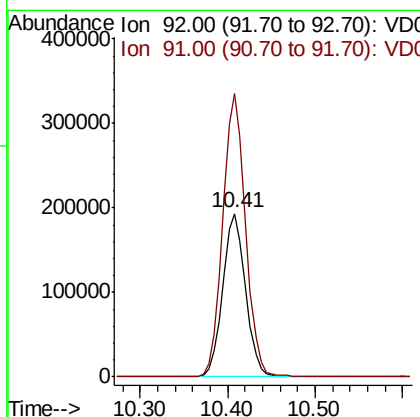
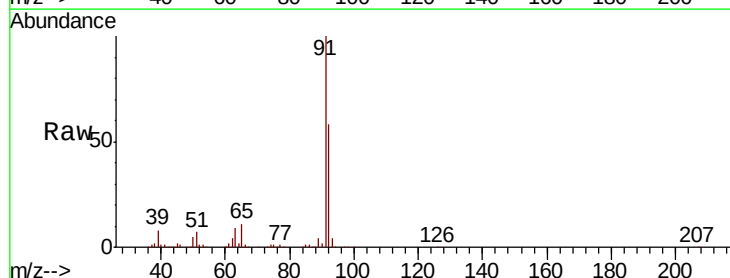
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

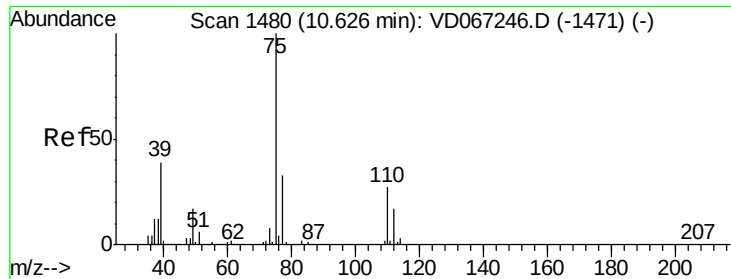
Tot Ion: 43 Resp: 293540
Ion Ratio Lower Upper
43 100
58 43.9 35.7 53.5



#52
Toluene
Concen: 49.551 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion: 92 Resp: 347173
Ion Ratio Lower Upper
92 100
91 173.0 133.8 200.8





#53

t-1,3-Dichloropropene

Concen: 51.432 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

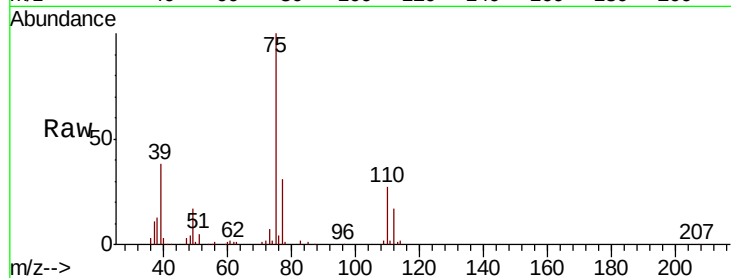
VSTDCCC050EC

Tot Ion: 75 Resp: 179803

Ion Ratio Lower Upper

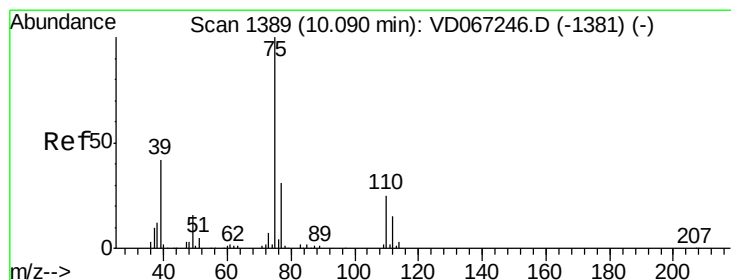
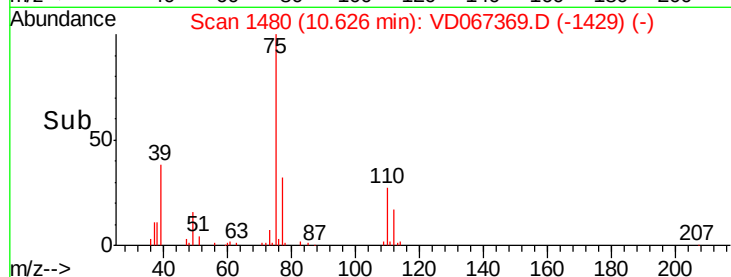
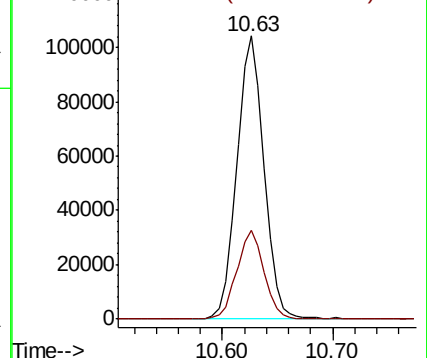
75 100

77 31.5 26.5 39.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 49.994 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

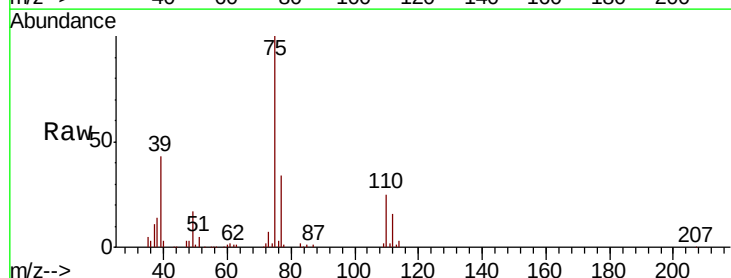
Tgt Ion: 75 Resp: 204545

Ion Ratio Lower Upper

75 100

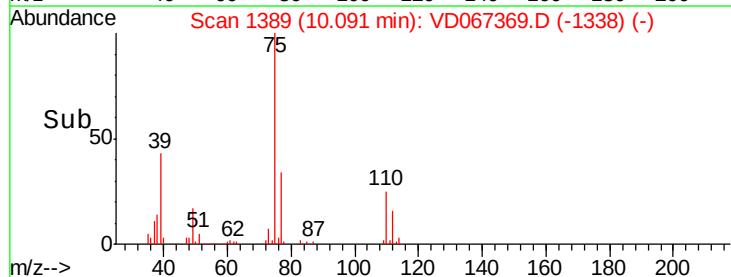
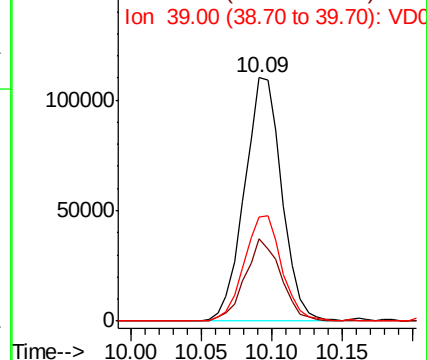
77 33.8 24.5 36.7

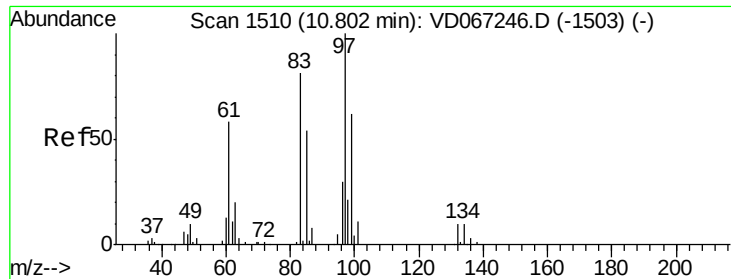
39 42.7 33.7 50.5



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

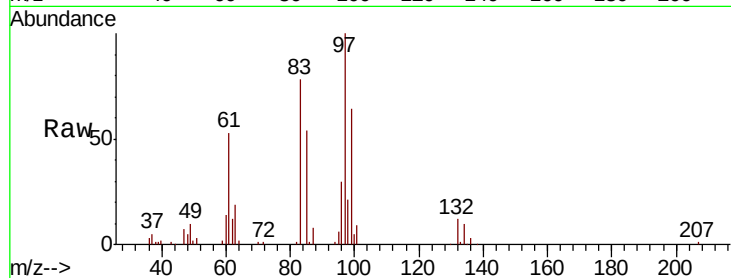




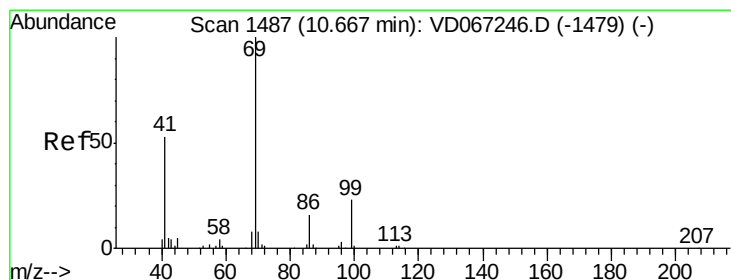
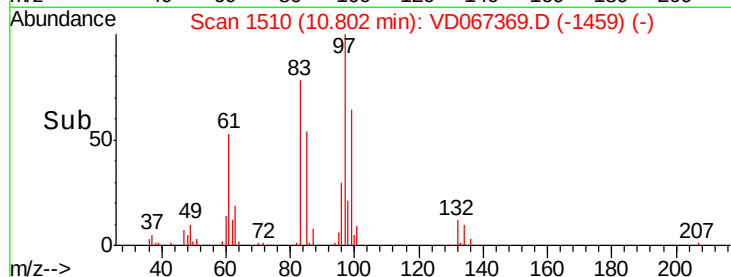
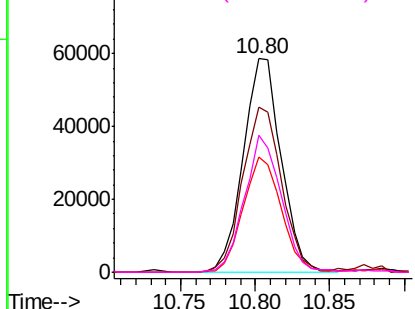
#55
 1,1,2-Trichloroethane
 Concen: 51.033 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	103369
Ion	Ratio	Lower	Upper
97	100		
83	77.5	64.9	97.3
85	53.7	43.3	64.9
99	64.3	49.1	73.7

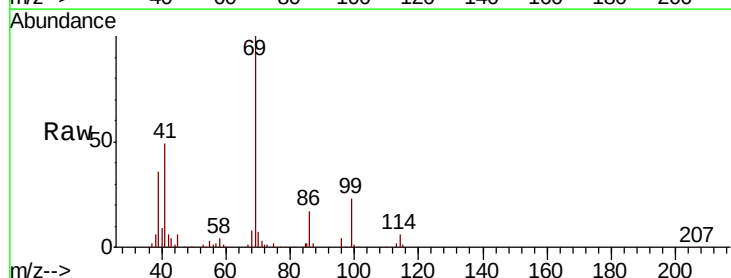


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

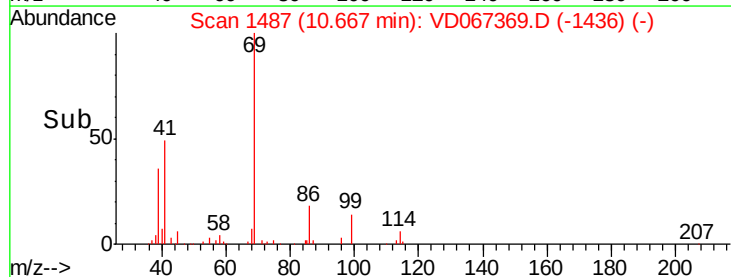
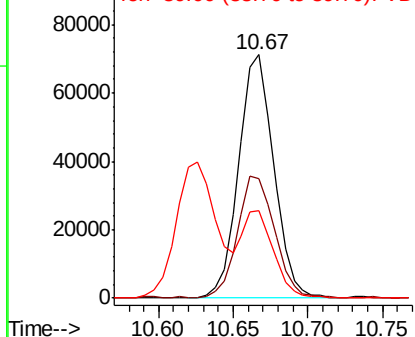


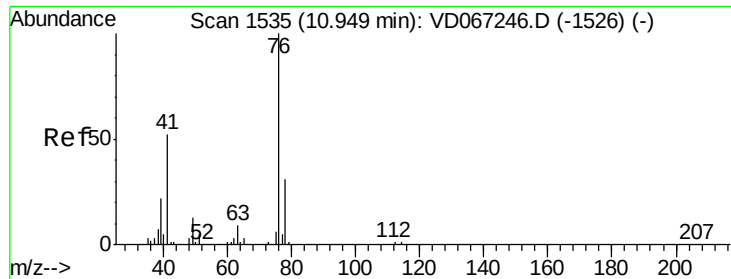
#56
 Ethyl methacrylate
 Concen: 55.468 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Tgt Ion:	69	Resp:	116522
Ion	Ratio	Lower	Upper
69	100		
41	52.2	44.7	67.1
39	32.8	26.2	39.2



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





#57

1,3-Dichloropropane

Concen: 51.246 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

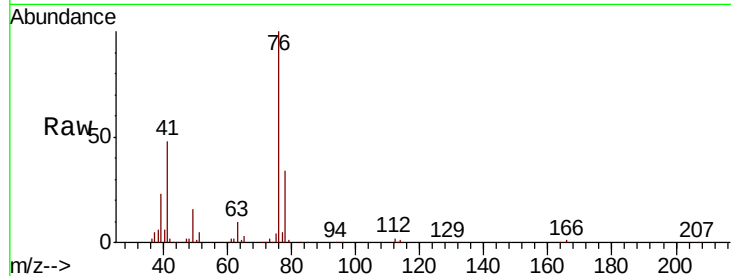
VSTDCCC050EC

Tot Ion: 76 Resp: 165191

Ion Ratio Lower Upper

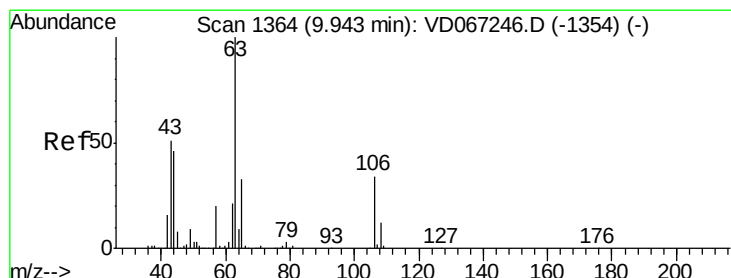
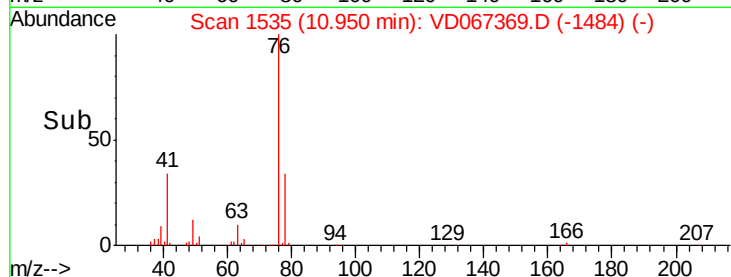
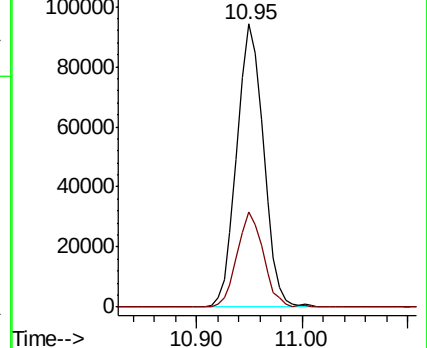
76 100

78 33.3 26.8 40.2



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: 273.021 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067369.D

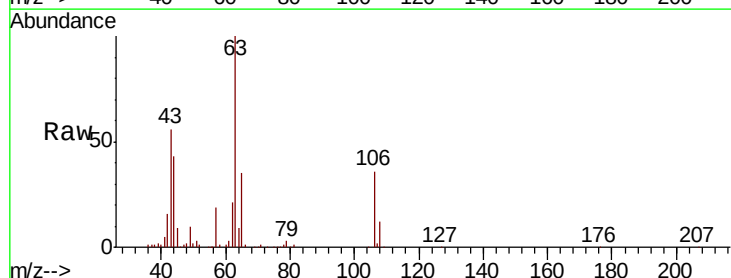
Acq: 22 Oct 2020 18:23

Tgt Ion: 63 Resp: 294222

Ion Ratio Lower Upper

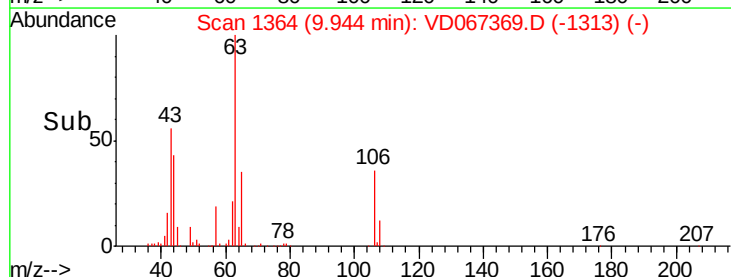
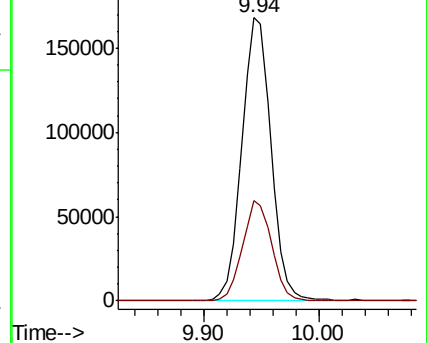
63 100

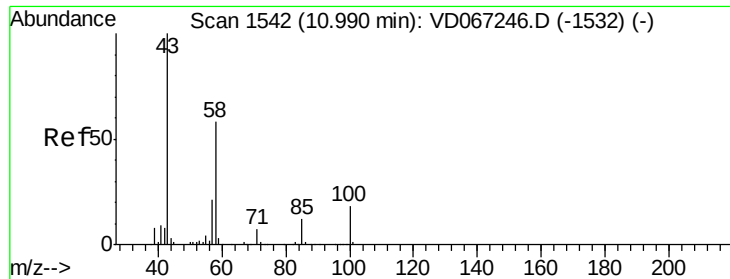
106 35.5 27.8 41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

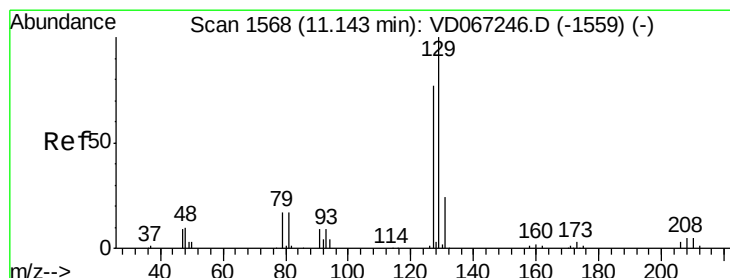
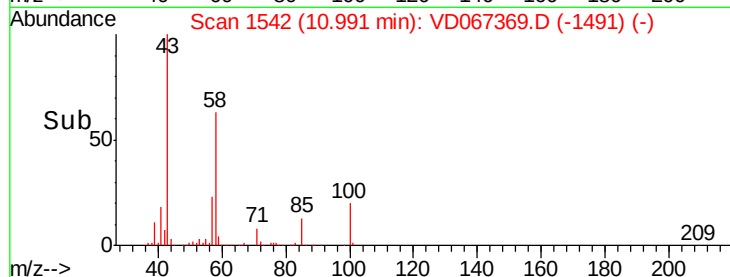
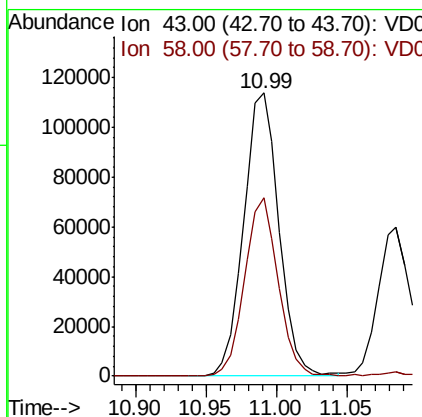
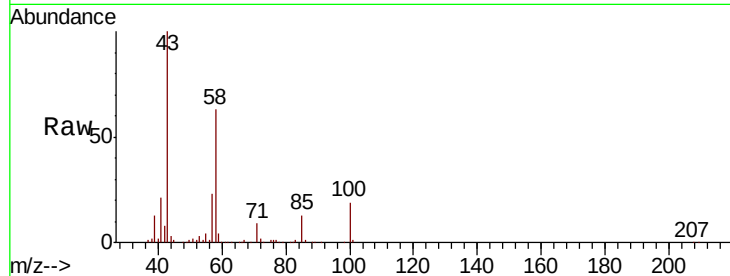




#59
2-Hexanone
Concen: 266.970 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

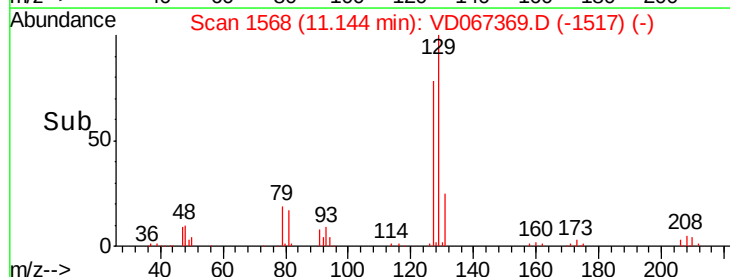
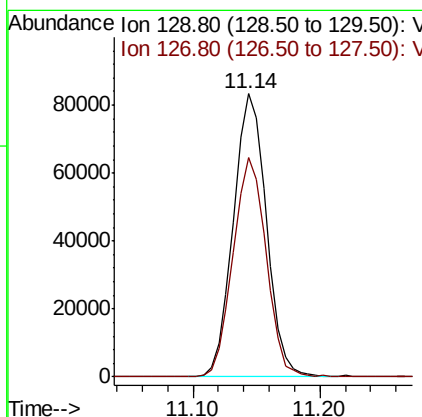
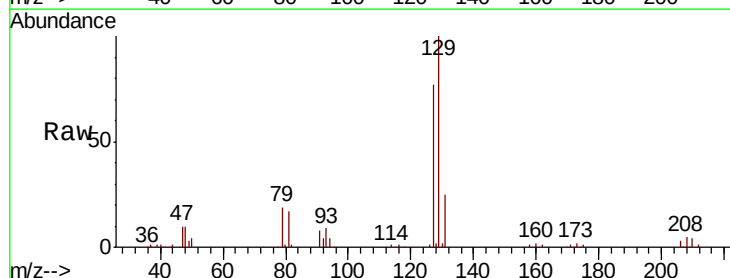
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

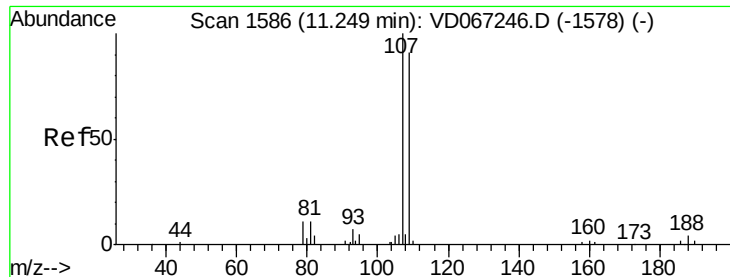
Tot Ion: 43 Resp: 199184
Ion Ratio Lower Upper
43 100
58 60.1 29.3 87.9



#60
Dibromochloromethane
Concen: 51.015 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion: 129 Resp: 150695
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.8

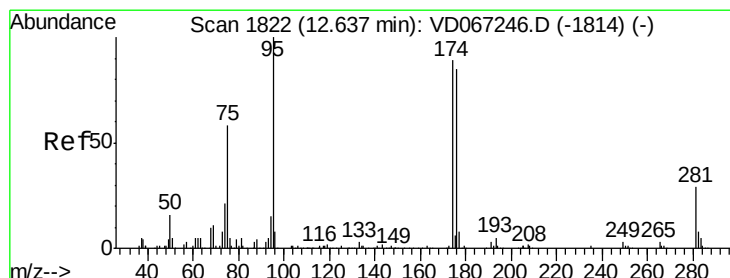
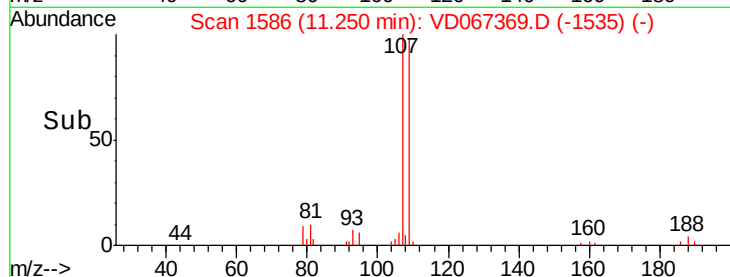
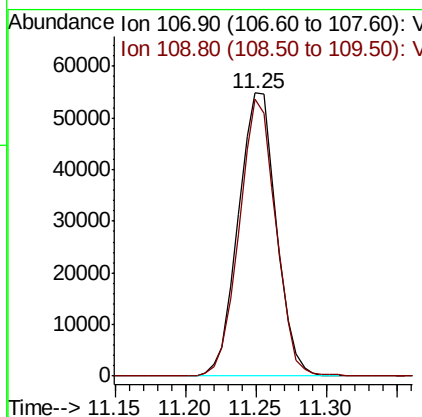
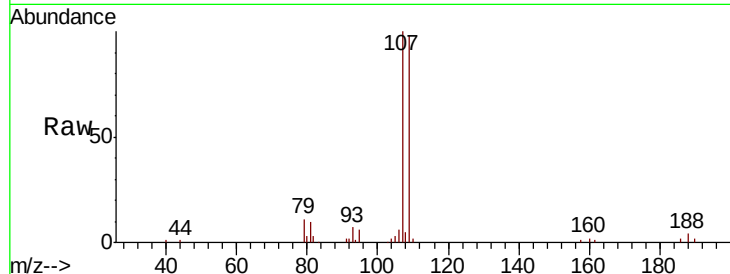




#61
 1,2-Dibromoethane
 Concen: 51.682 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

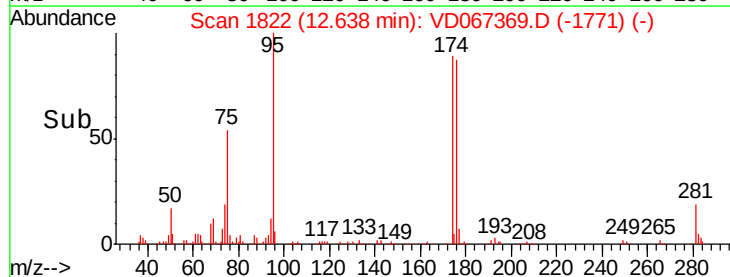
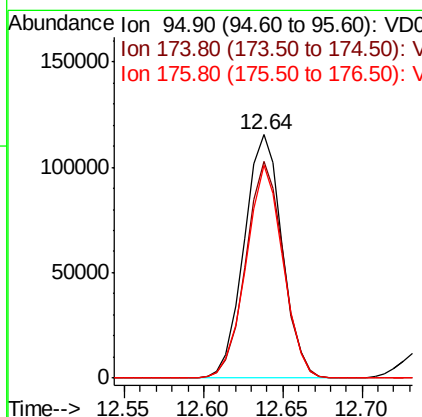
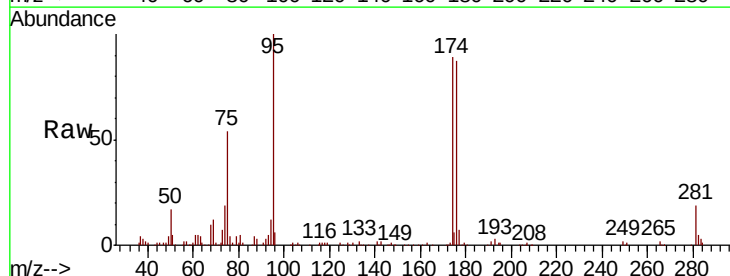
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

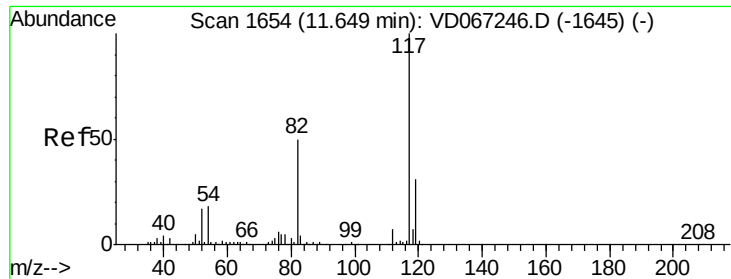
Tot Ion: 107 Resp: 103203
 Ion Ratio Lower Upper
 107 100
 109 94.4 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 51.975 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Tgt Ion: 95 Resp: 192562
 Ion Ratio Lower Upper
 95 100
 174 87.2 0.0 175.2
 176 85.0 0.0 168.6

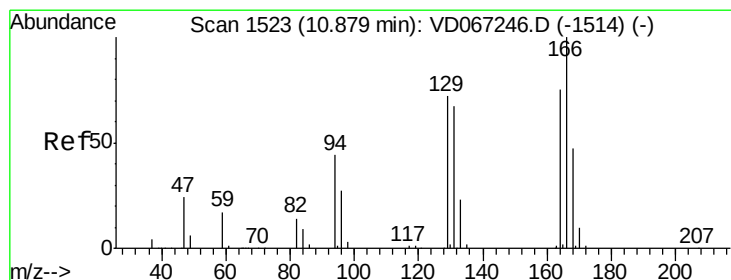
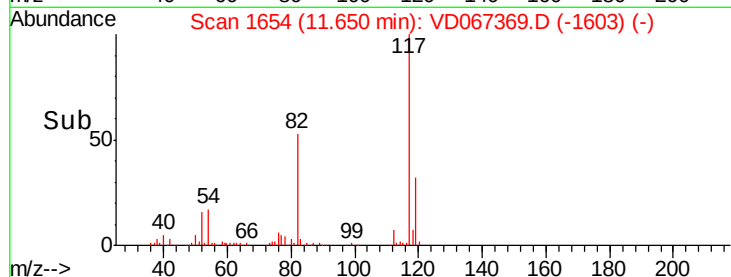
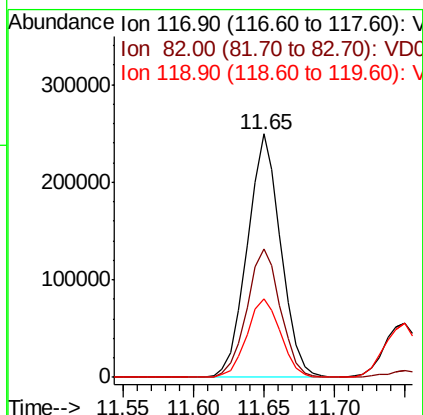
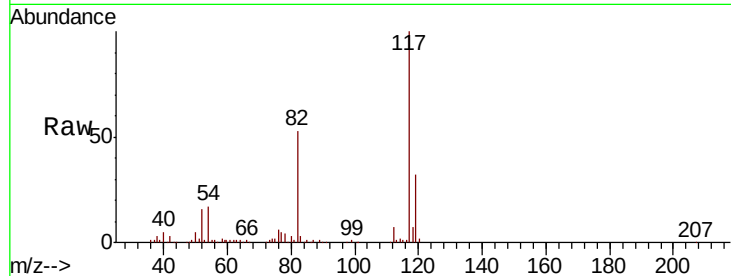




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

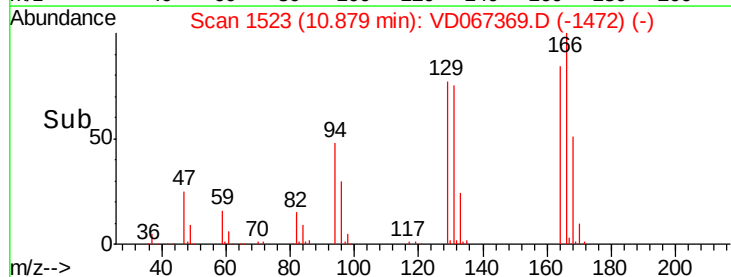
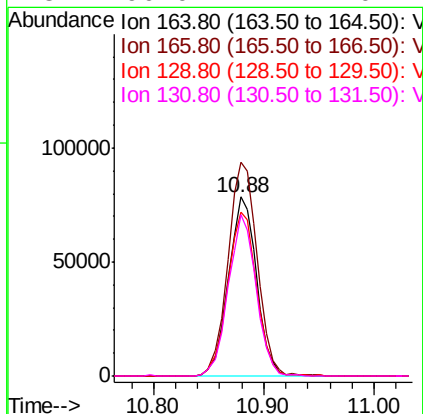
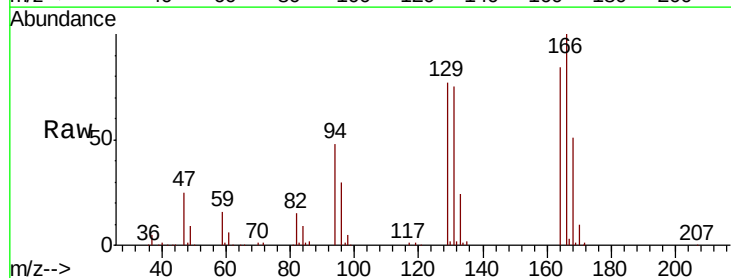
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

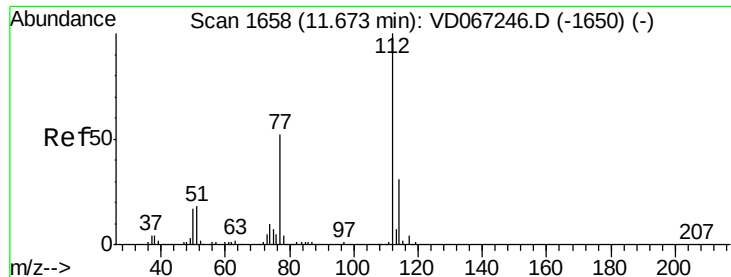
Tot Ion:117 Resp: 414654
Ion Ratio Lower Upper
117 100
82 52.8 39.9 59.9
119 32.0 24.9 37.3



#64
Tetrachloroethene
Concen: 46.742 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion:164 Resp: 140428
Ion Ratio Lower Upper
164 100
166 119.6 107.3 160.9
129 91.5 77.3 115.9
131 90.0 71.4 107.2

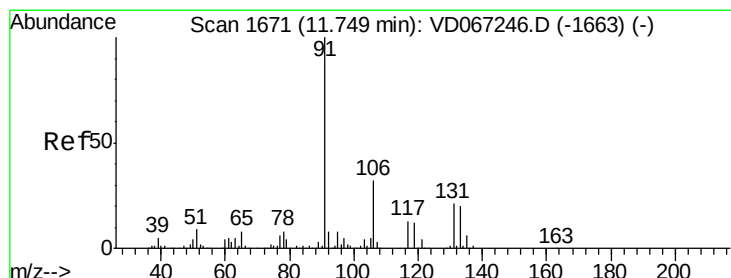
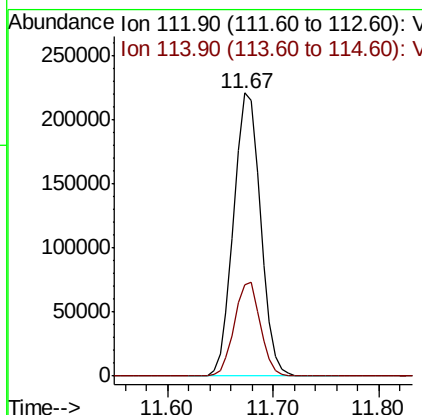
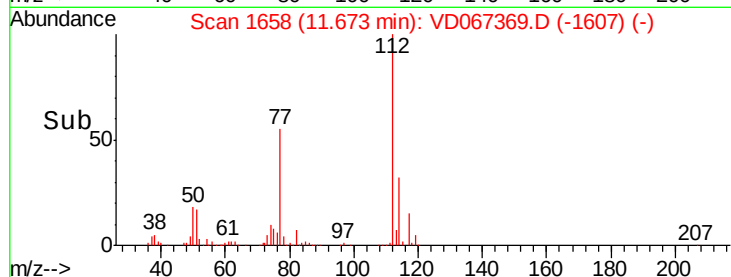
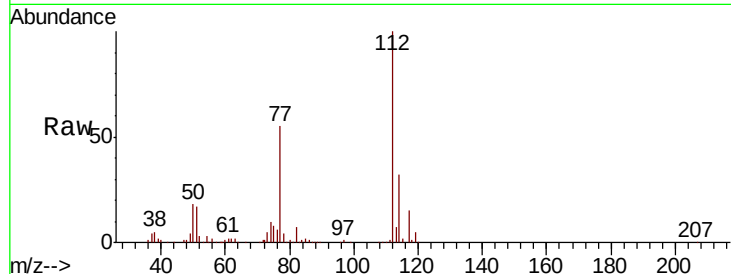




#65
Chlorobenzene
Concen: 49.168 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

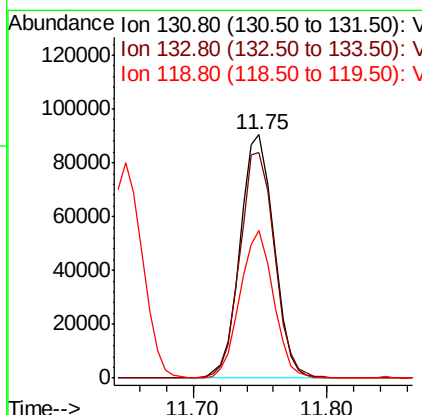
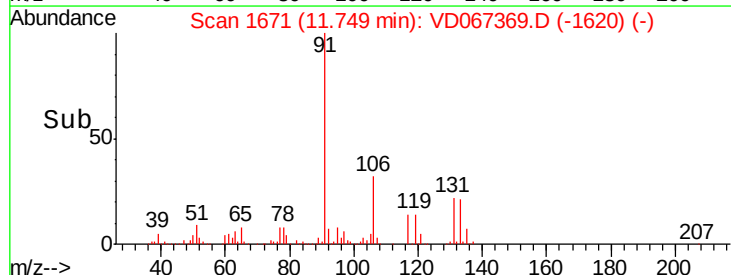
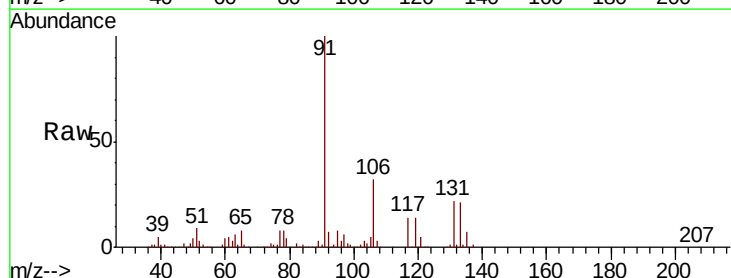
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

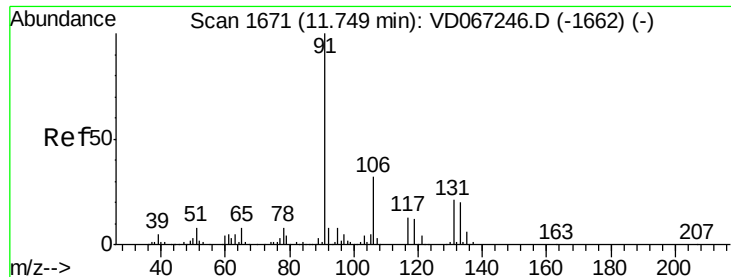
Tot Ion:112 Resp: 390953
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.180 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion:131 Resp: 158583
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.3
119 60.0 30.0 90.0

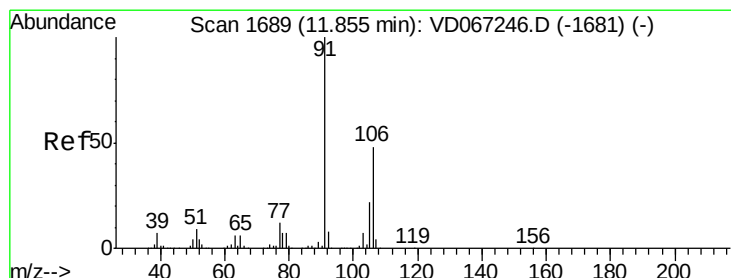
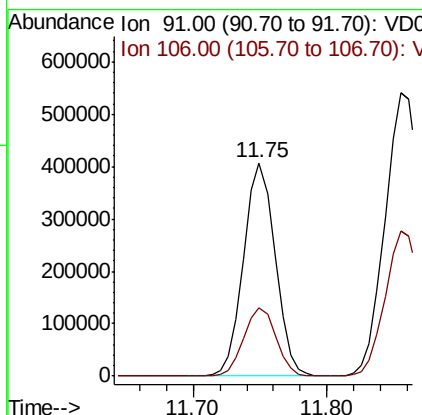
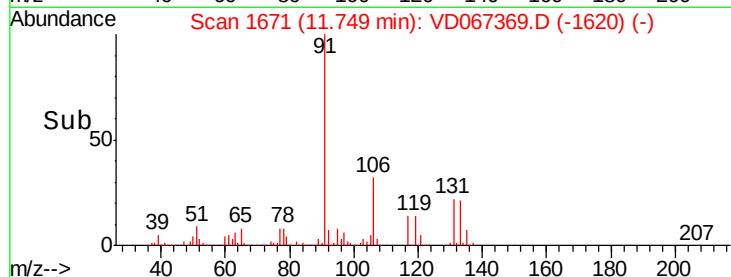
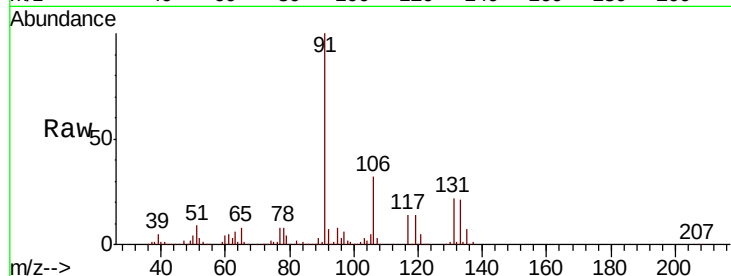




#67
Ethyl Benzene
Concen: 49.111 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

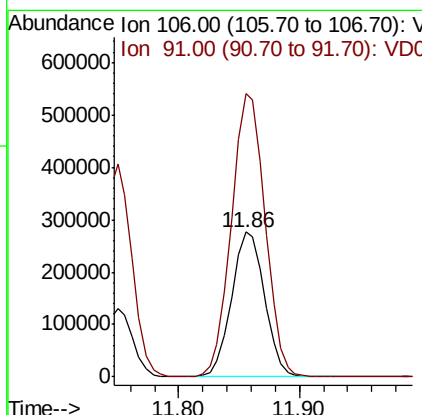
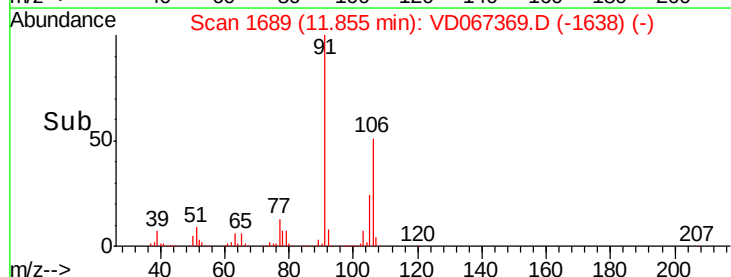
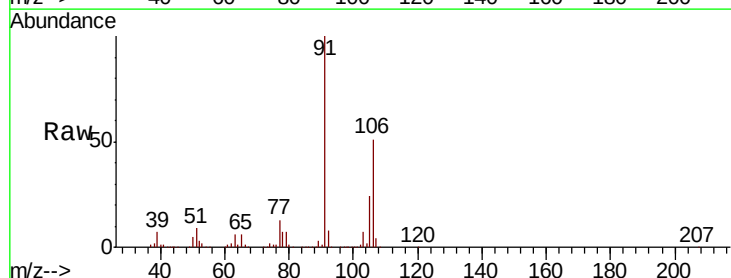
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

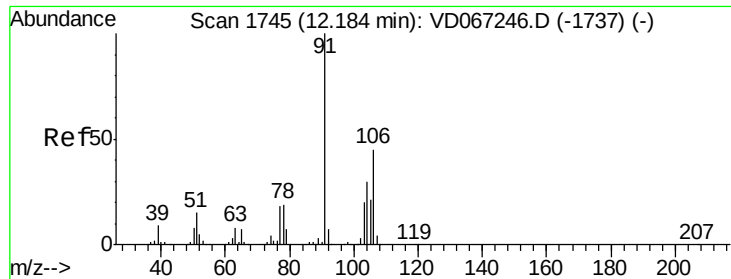
Tot Ion: 91 Resp: 669401
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0



#68
m/p-Xylenes
Concen: 100.296 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion: 106 Resp: 526436
Ion Ratio Lower Upper
106 100
91 200.2 163.8 245.8

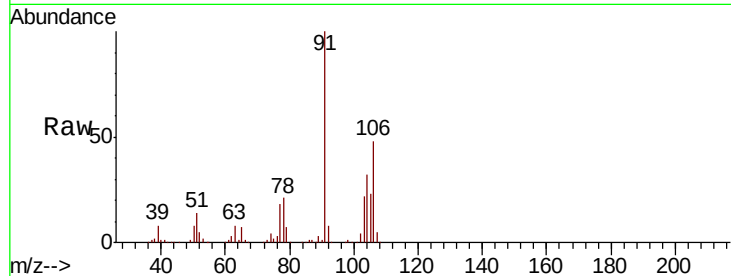




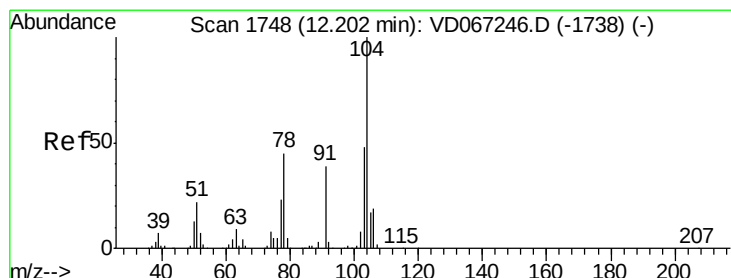
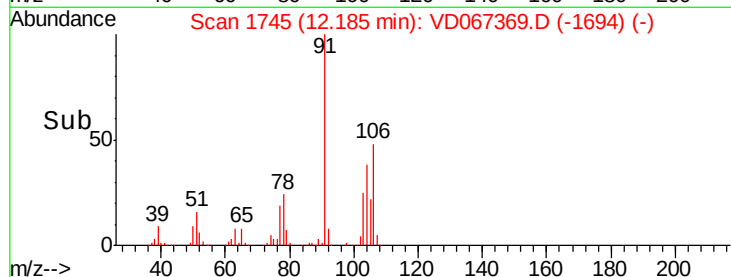
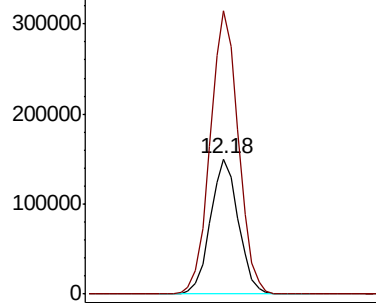
#69
o-Xylene
Concen: 49.828 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 242186
Ion Ratio Lower Upper
106 100
91 211.5 109.1 327.3

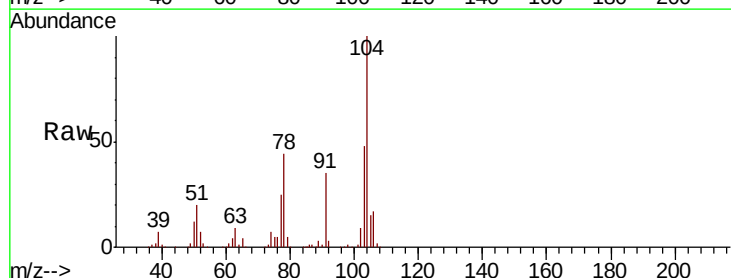


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

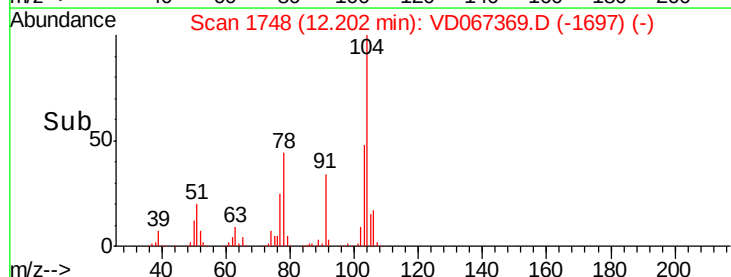
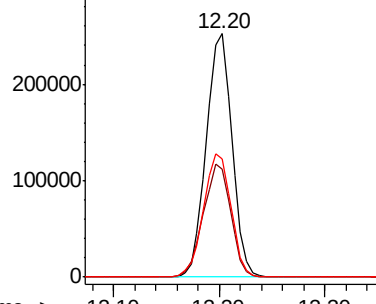


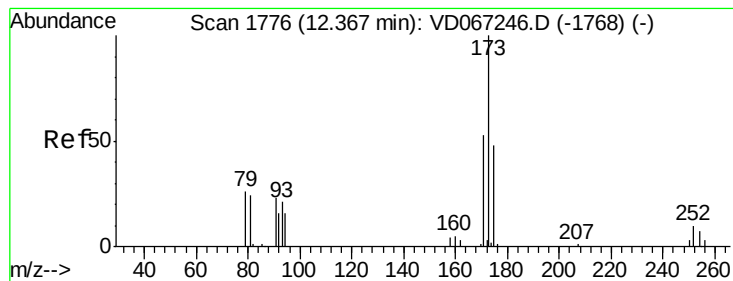
#70
Styrene
Concen: 50.708 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion:104 Resp: 424271
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.6
103 53.9 42.6 64.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.511 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

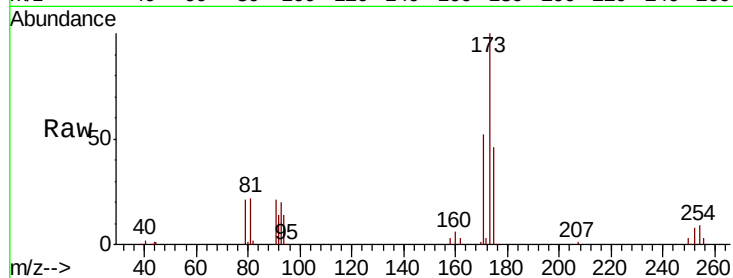
Tot Ion:173 Resp: 89151

Ion Ratio Lower Upper

173 100

175 48.0 24.2 72.6

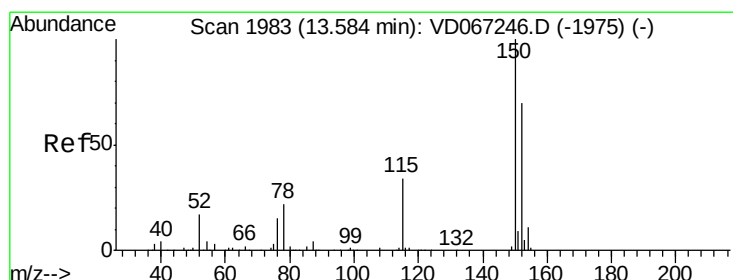
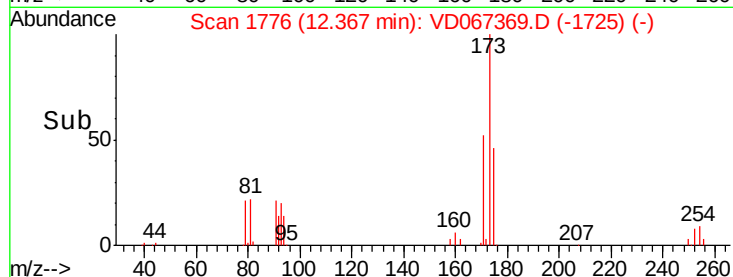
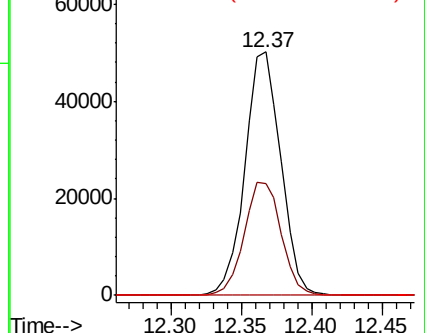
254 0.0 0.1 0.1#



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. -0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

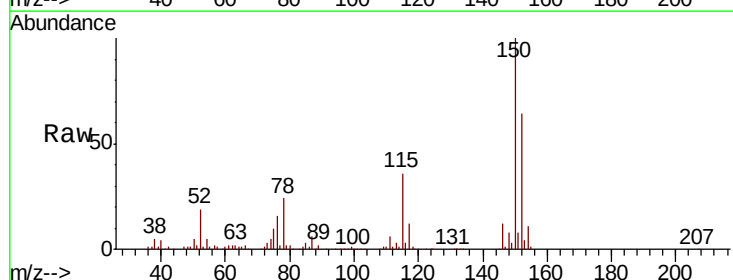
Tgt Ion:152 Resp: 212082

Ion Ratio Lower Upper

152 100

115 58.8 29.3 87.9

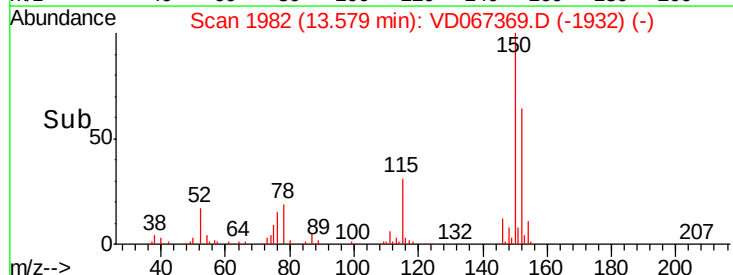
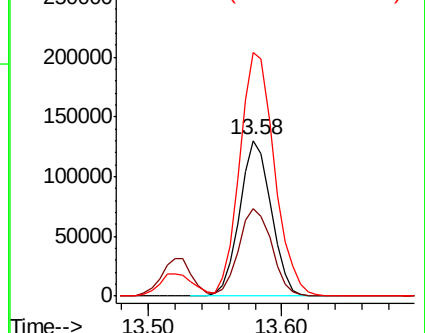
150 172.7 0.0 339.0

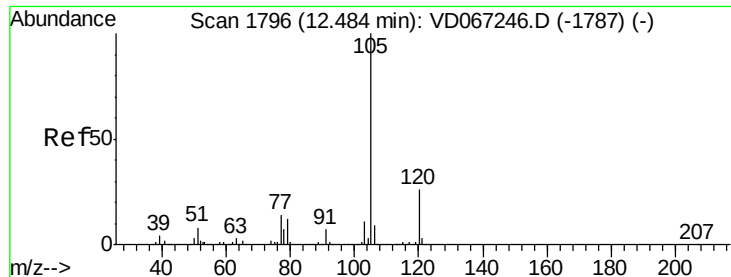


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.144 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

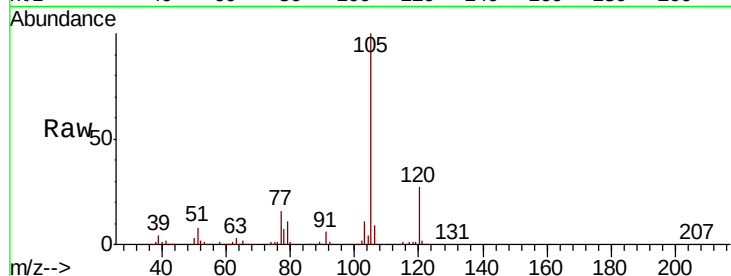
VSTDCCC050EC

Tot Ion:105 Resp: 674940

Ion Ratio Lower Upper

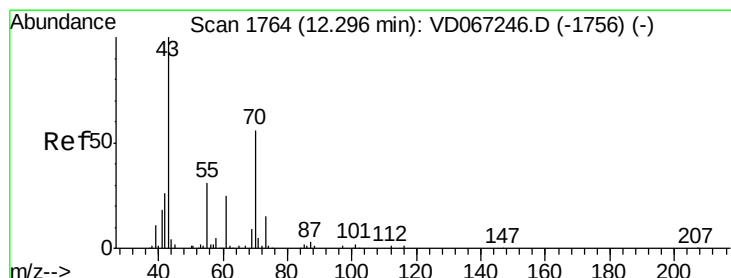
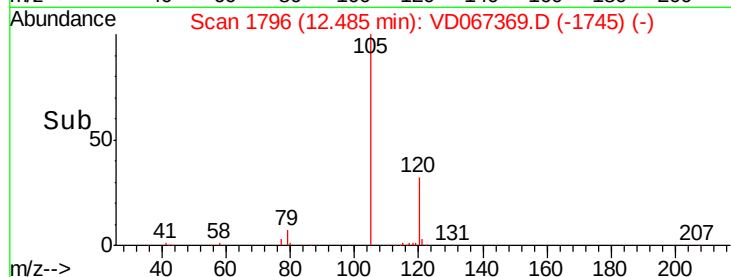
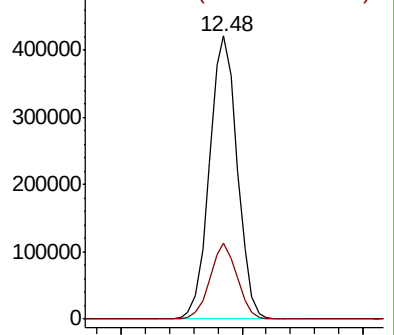
105 100

120 26.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.714 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Tgt Ion: 43 Resp: 105130

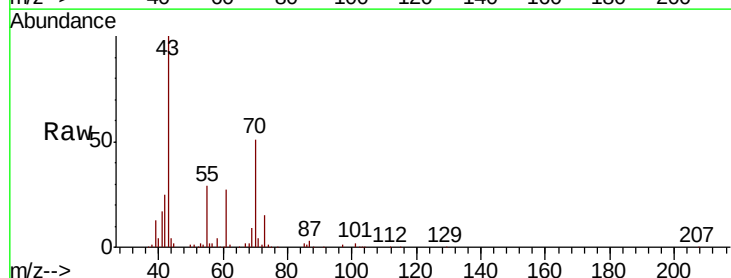
Ion Ratio Lower Upper

43 100

70 51.7 42.7 64.1

55 30.3 24.0 36.0

61 27.0 22.2 33.4

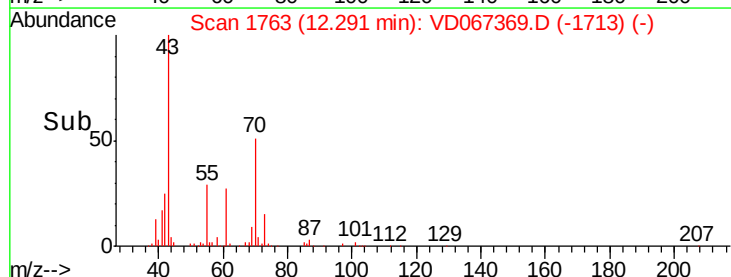
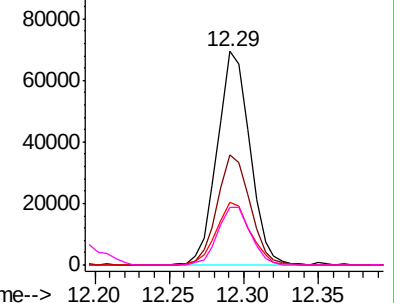


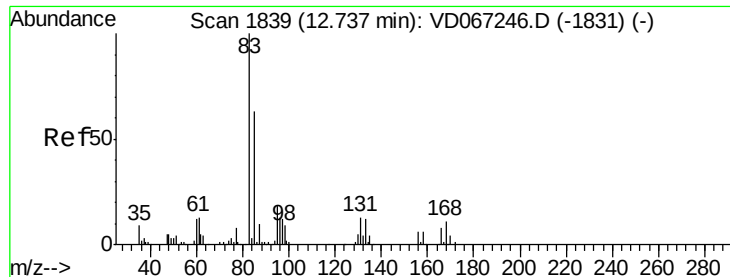
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 50.066 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

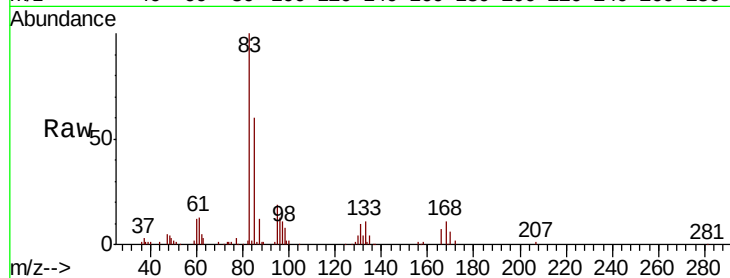
Tot Ion: 83 Resp: 103257

Ion Ratio Lower Upper

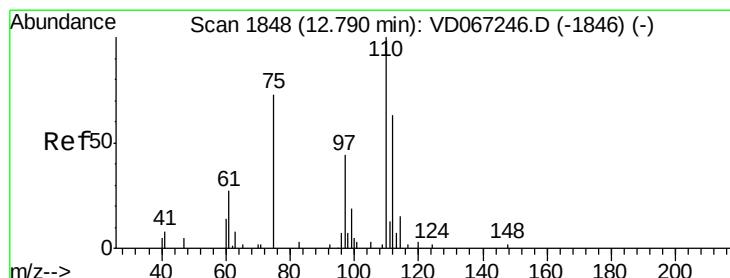
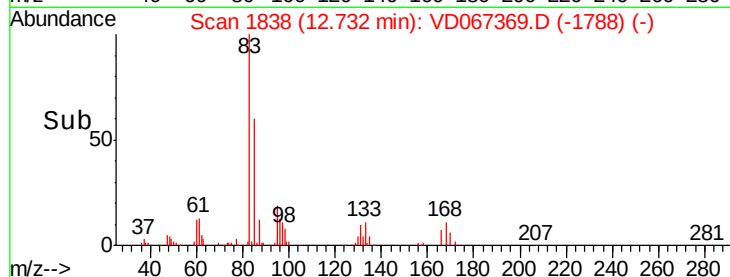
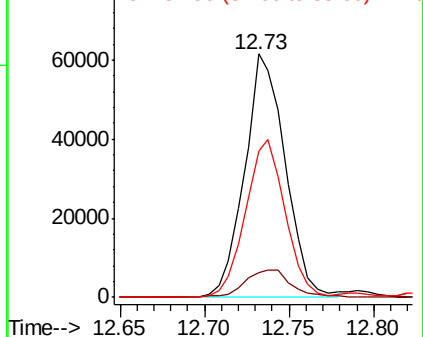
83 100

131 12.9 6.5 19.5

85 63.4 32.6 97.7



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: 94.375 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067369.D

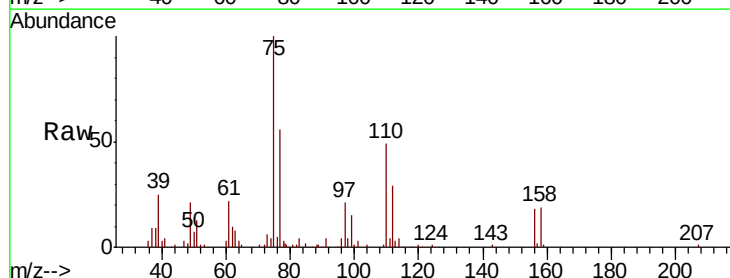
Acq: 22 Oct 2020 18:23

Tgt Ion: 75 Resp: 138725

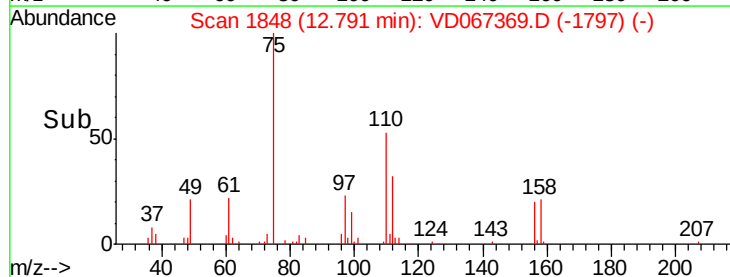
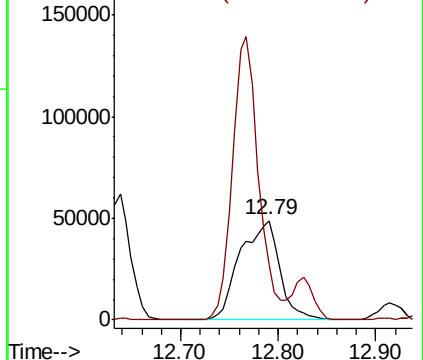
Ion Ratio Lower Upper

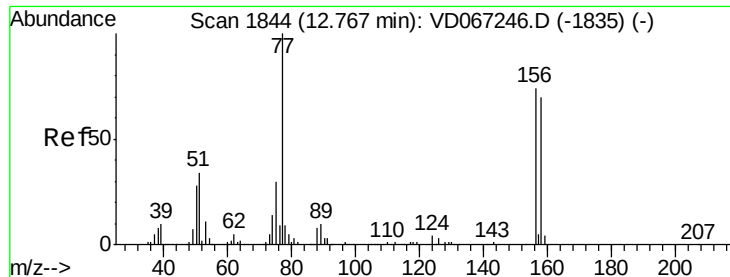
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 48.975 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

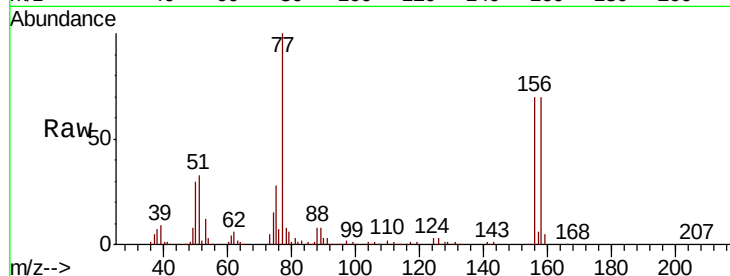
Tot Ion:156 Resp: 164346

Ion Ratio Lower Upper

156 100

77 159.1 78.0 233.8

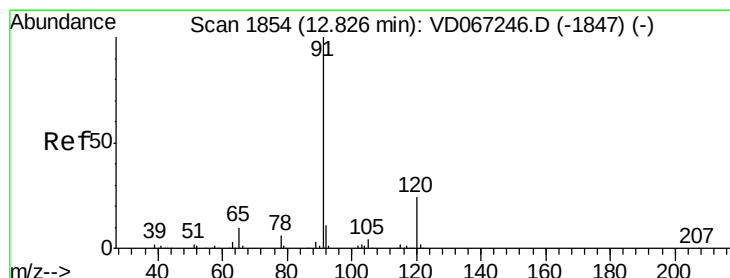
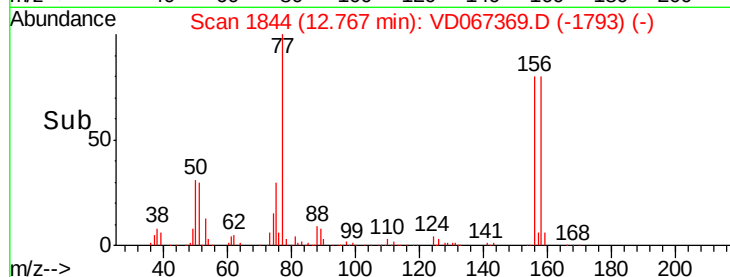
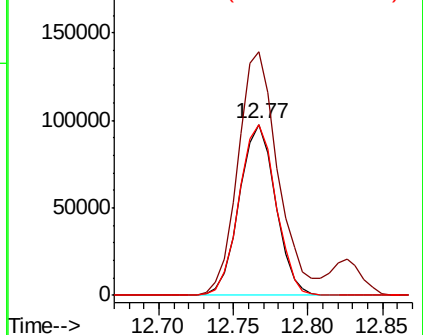
158 101.7 49.1 147.3



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: 48.675 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067369.D

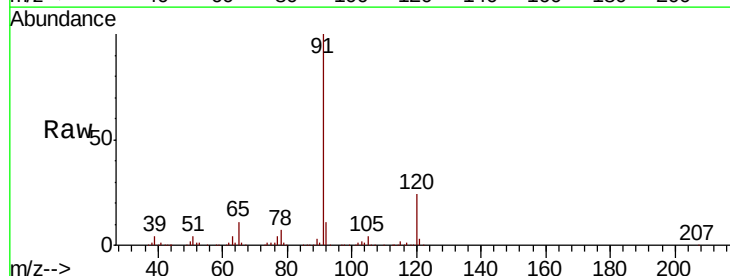
Acq: 22 Oct 2020 18:23

Tgt Ion: 91 Resp: 759093

Ion Ratio Lower Upper

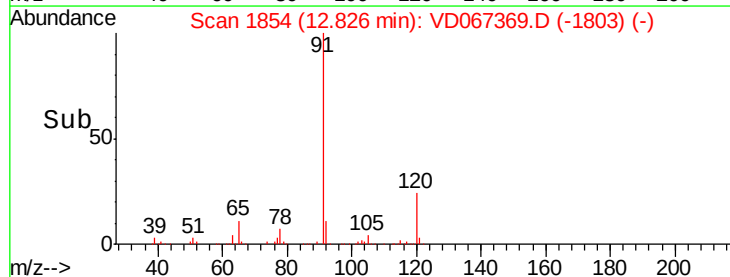
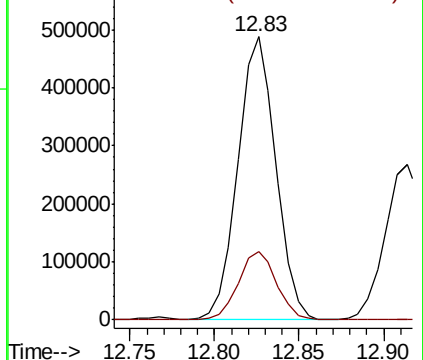
91 100

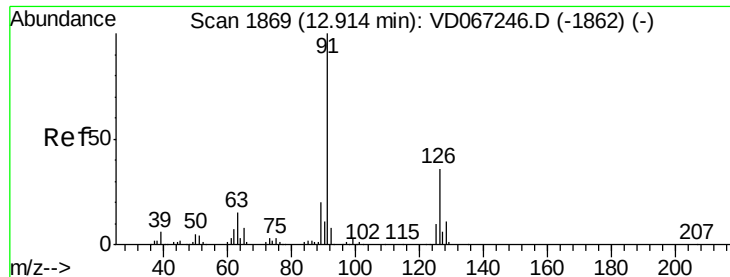
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.488 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

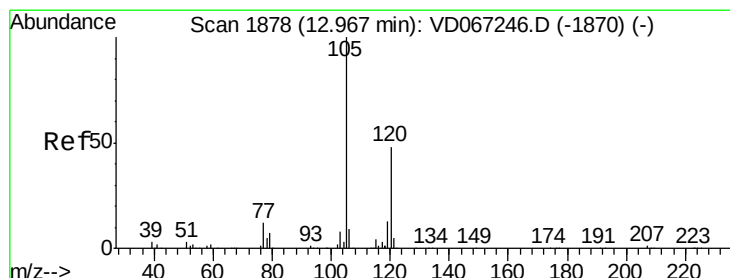
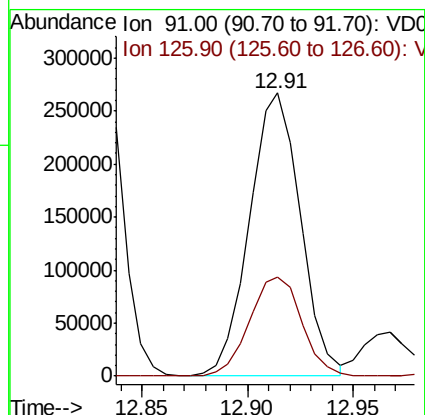
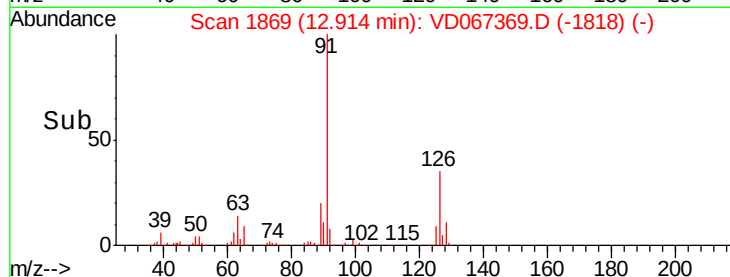
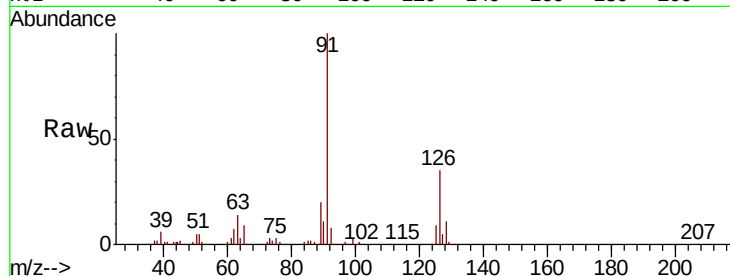
VSTDCCC050EC

Tot Ion: 91 Resp: 447569

Ion Ratio Lower Upper

91 100

126 35.8 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 49.971 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067369.D

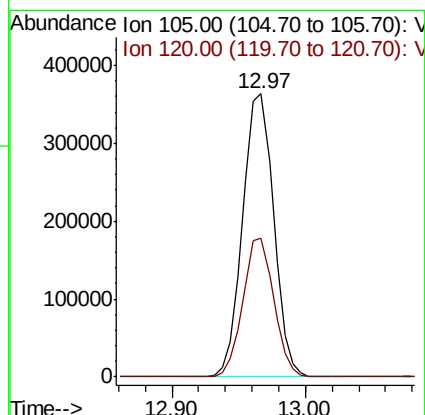
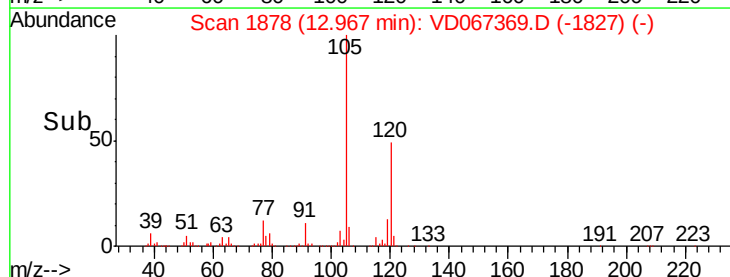
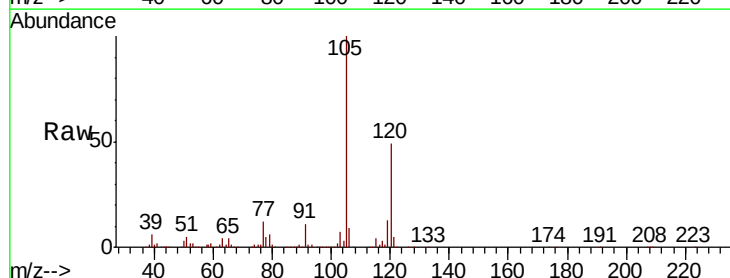
Acq: 22 Oct 2020 18:23

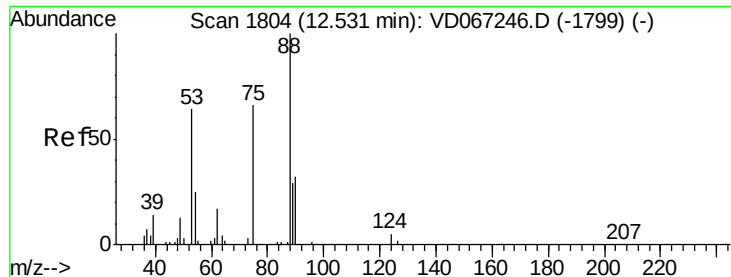
Tgt Ion:105 Resp: 584495

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8

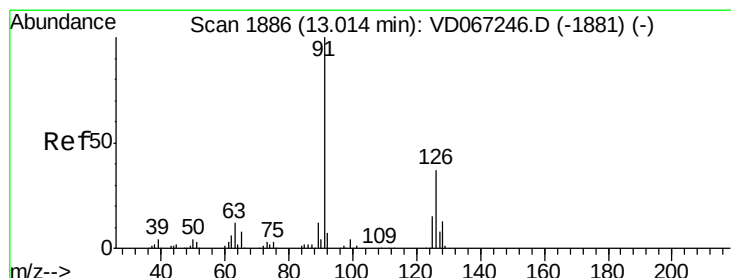
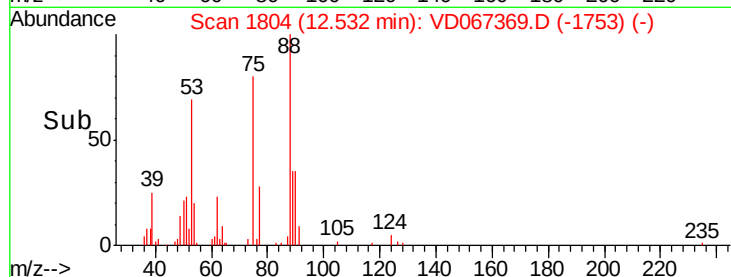
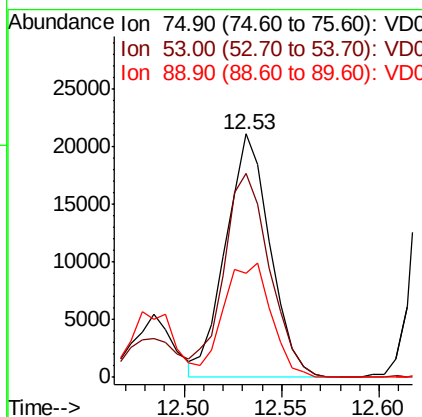
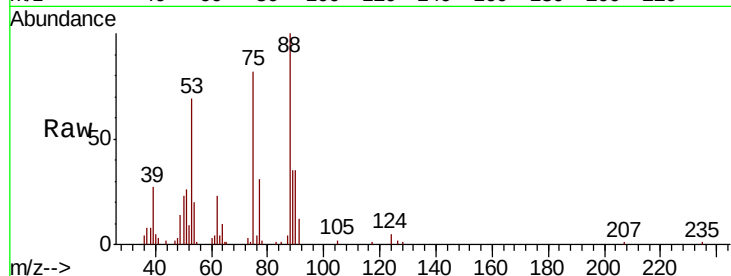




#81
trans-1,4-Dichloro-2-butene
Concen: 51.268 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

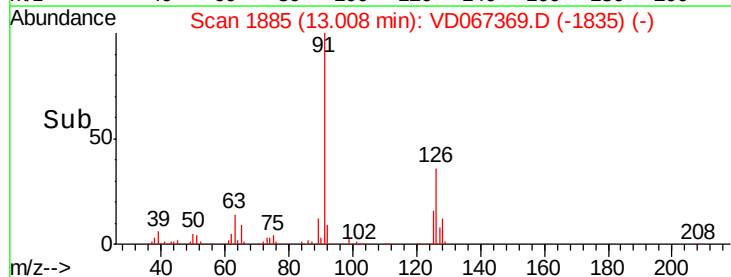
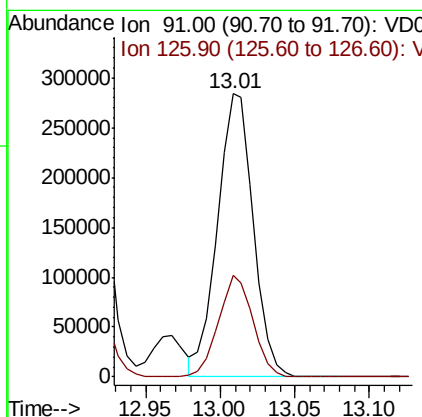
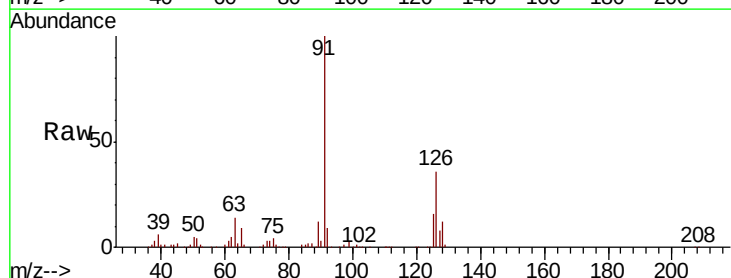
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

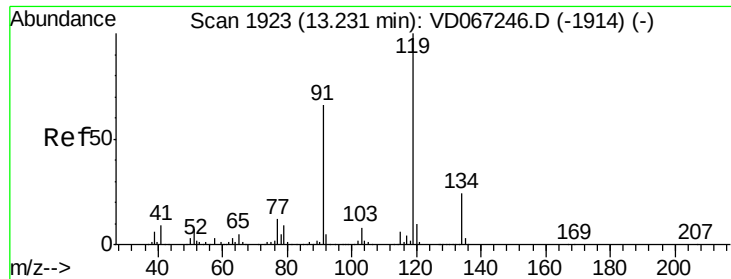
Tot Ion: 75 Resp: 33232
Ion Ratio Lower Upper
75 100
53 87.4 78.5 117.7
89 49.9 39.9 59.9



#82
4-Chlorotoluene
Concen: 49.551 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion: 91 Resp: 475636
Ion Ratio Lower Upper
91 100
126 34.5 17.8 53.5

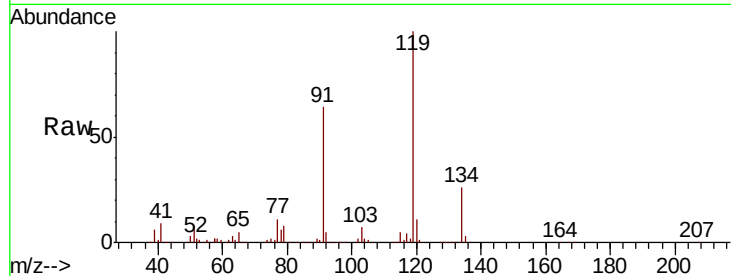




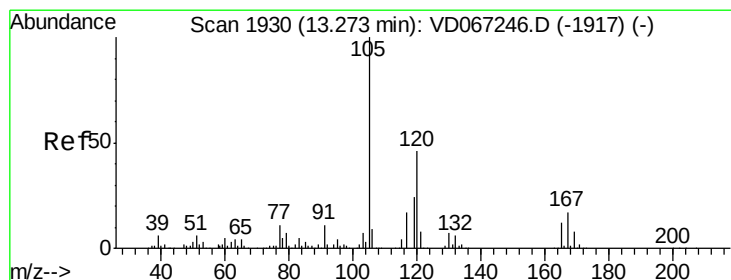
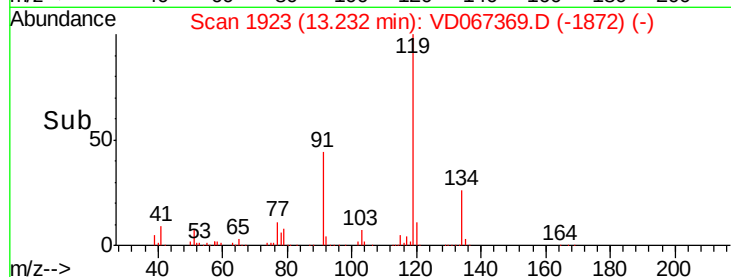
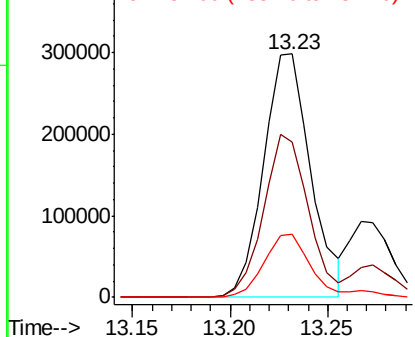
#83
 tert-Butylbenzene
 Concen: 50.616 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 500103
 Ion Ratio Lower Upper
 119 100
 91 63.4 33.1 99.2
 134 26.8 13.3 39.9

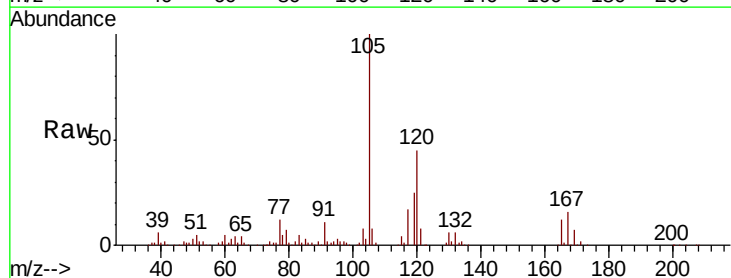


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

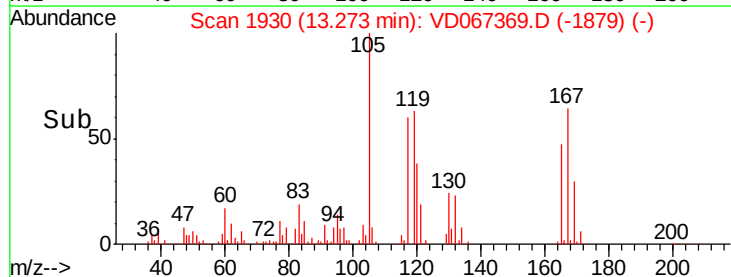
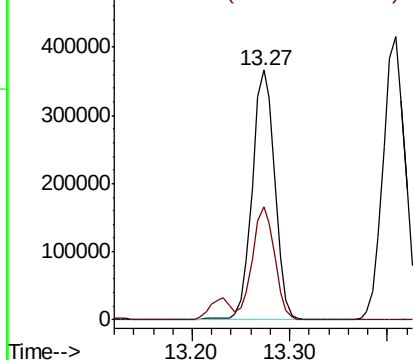


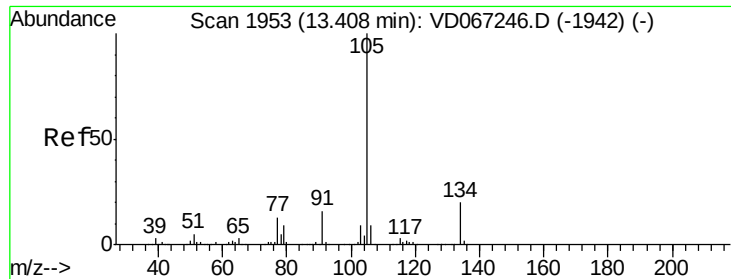
#84
 1,2,4-Trimethylbenzene
 Concen: 51.044 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Tgt Ion:105 Resp: 590110
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.387 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

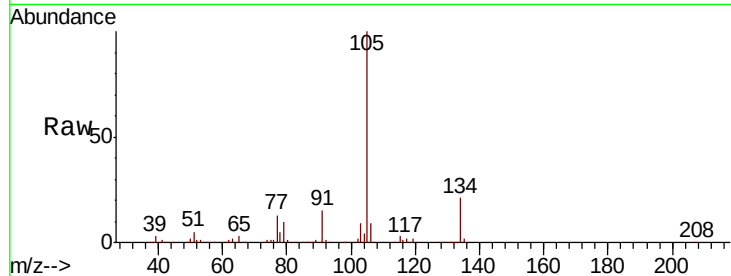
VSTDCCC050EC

Tot Ion:105 Resp: 655998

Ion Ratio Lower Upper

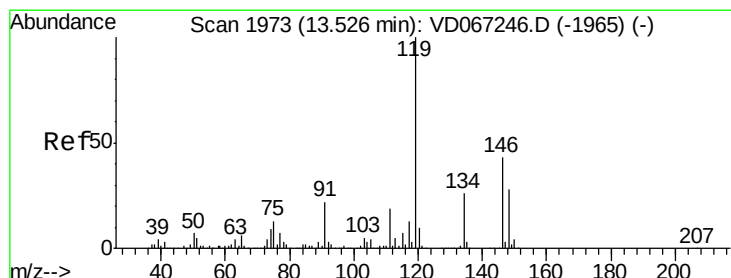
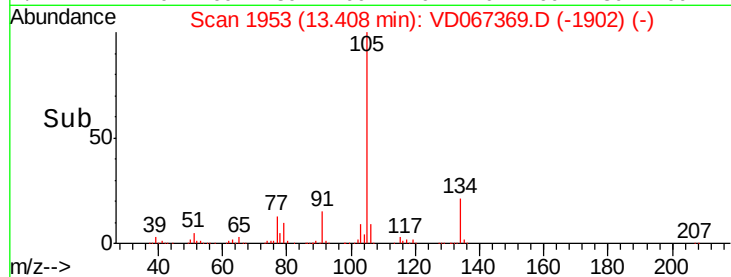
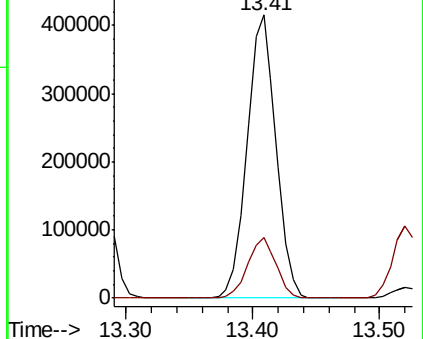
105 100

134 21.0 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.919 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

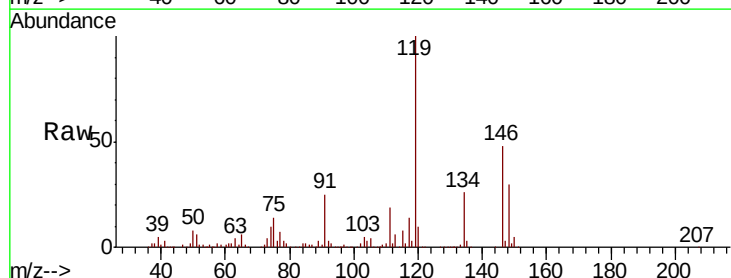
Tgt Ion:119 Resp: 638782

Ion Ratio Lower Upper

119 100

134 25.0 13.1 39.3

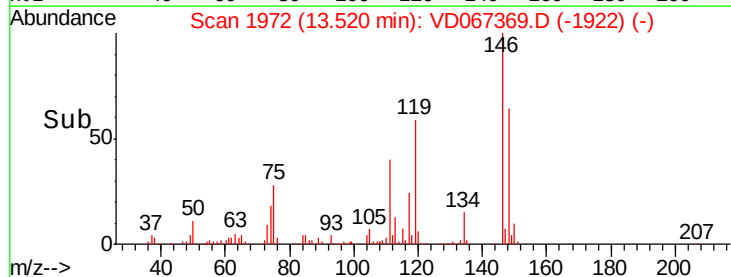
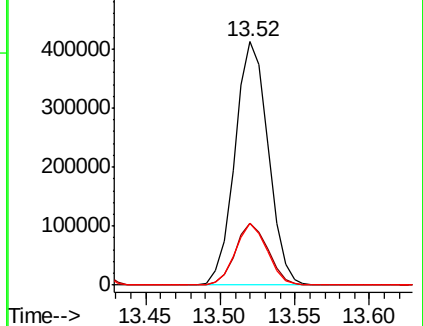
91 24.1 11.9 35.9

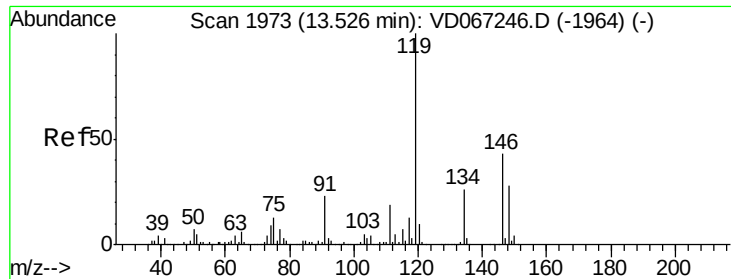


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

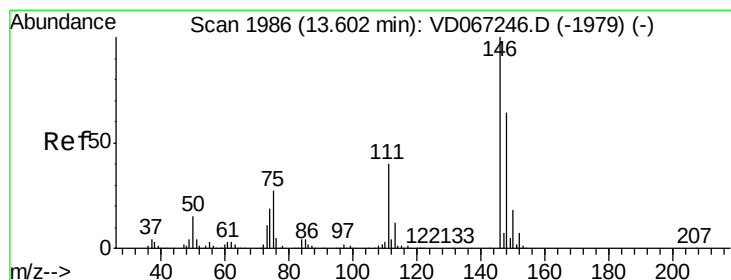
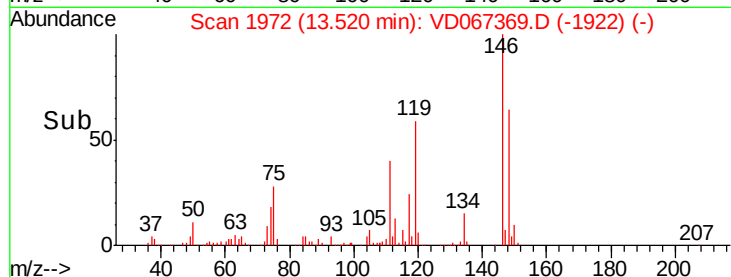
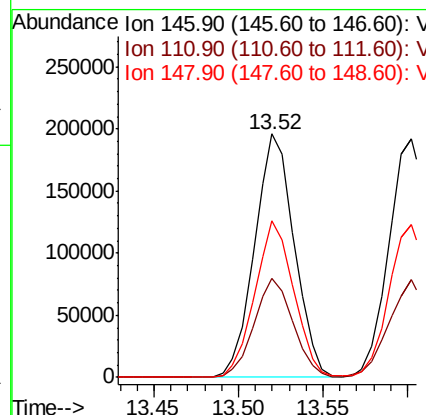
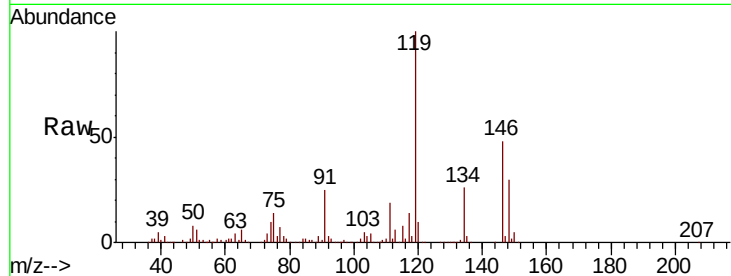




#87
 1,3-Dichlorobenzene
 Concen: 49.347 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

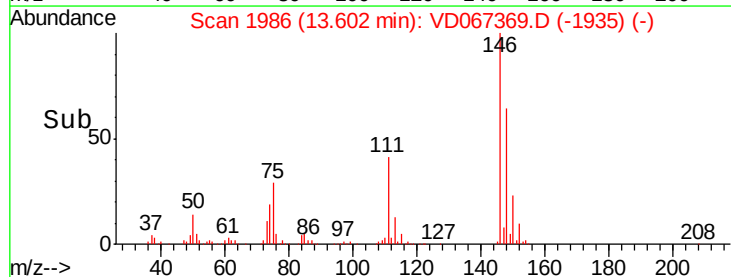
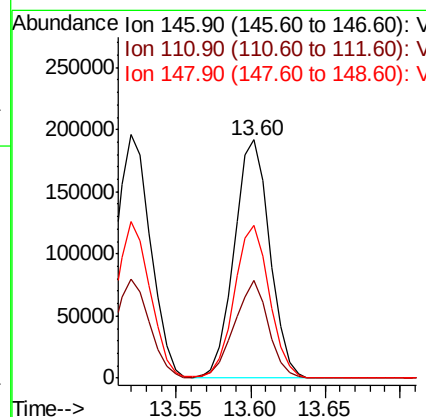
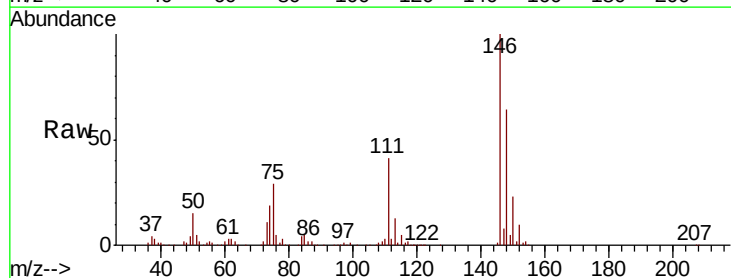
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

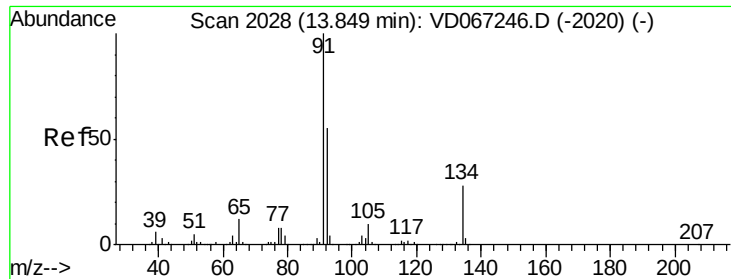
Tot Ion:146 Resp: 318737
 Ion Ratio Lower Upper
 146 100
 111 40.0 21.1 63.3
 148 63.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.806 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Tgt Ion:146 Resp: 318725
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.9 59.7
 148 63.5 31.9 95.9

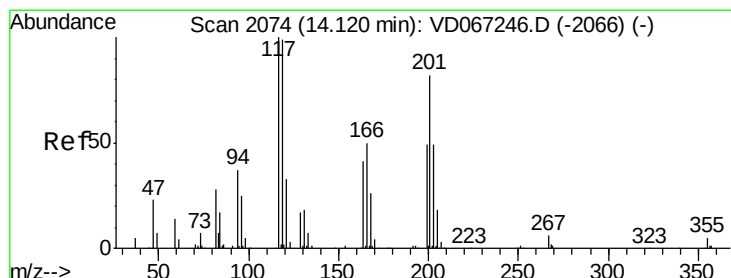
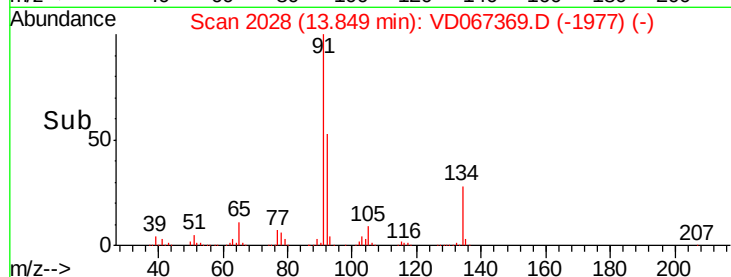
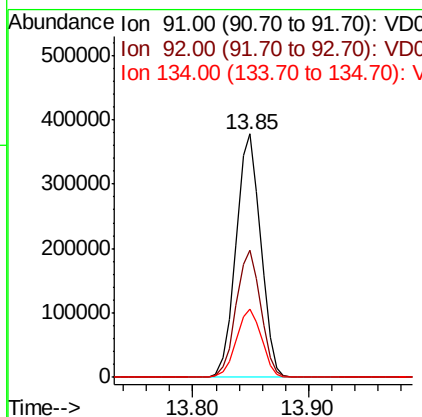
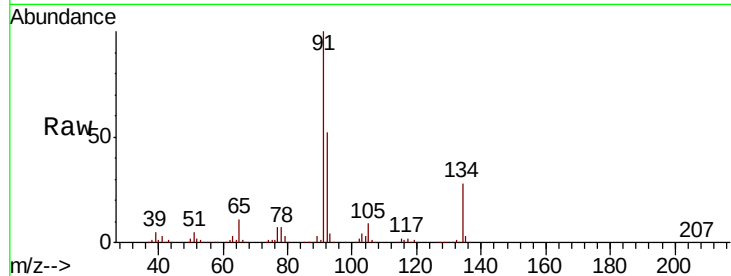




#89
n-Butylbenzene
Concen: 49.700 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

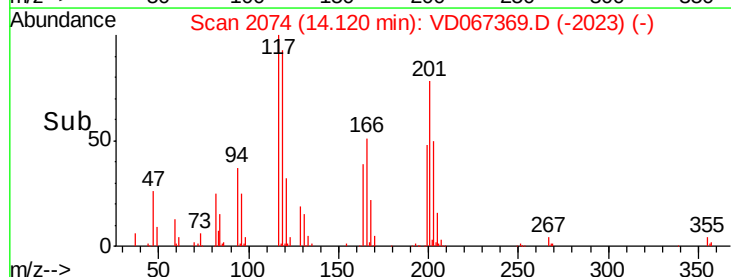
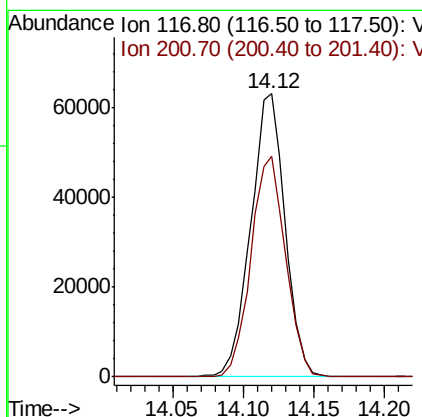
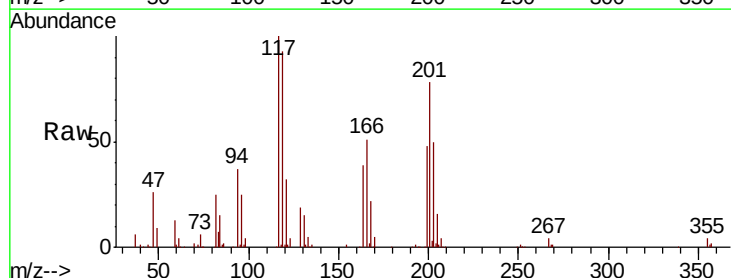
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

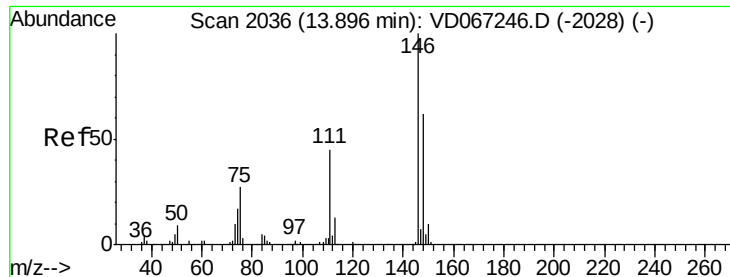
Tot Ion: 91 Resp: 559505
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.0
134 28.5 14.2 42.6



#90
Hexachloroethane
Concen: 48.302 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion: 117 Resp: 107861
Ion Ratio Lower Upper
117 100
201 78.5 40.8 122.2

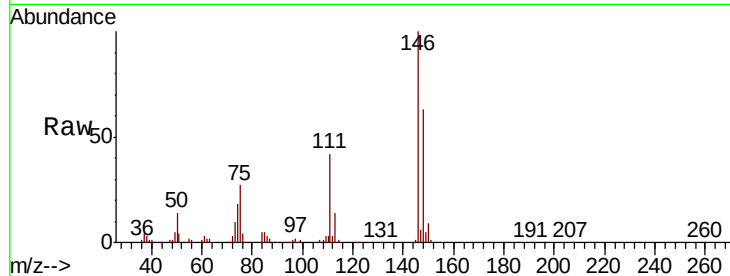




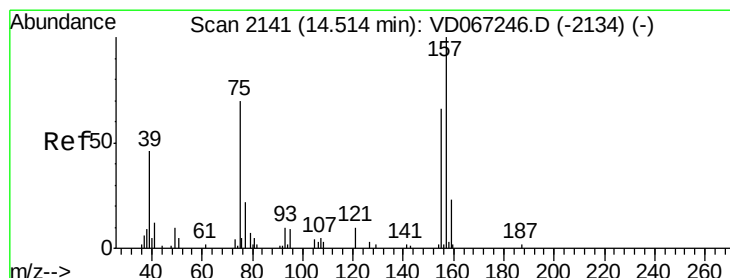
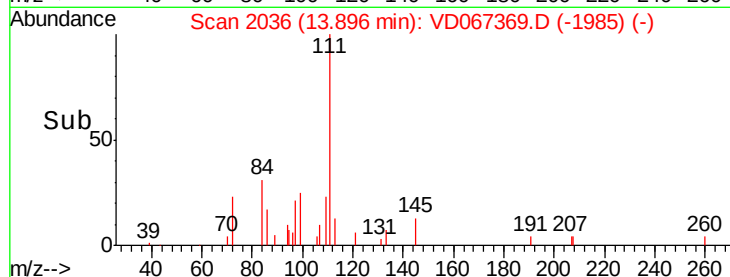
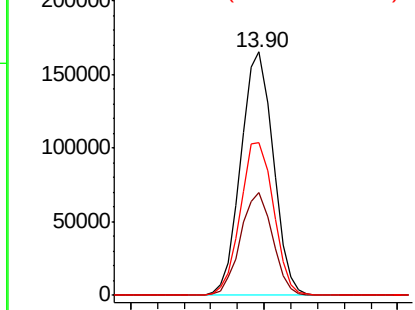
#91
 1,2-Dichlorobenzene
 Concen: 49.228 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 277771
 Ion Ratio Lower Upper
 146 100
 111 41.9 22.0 66.0
 148 64.6 32.5 97.5

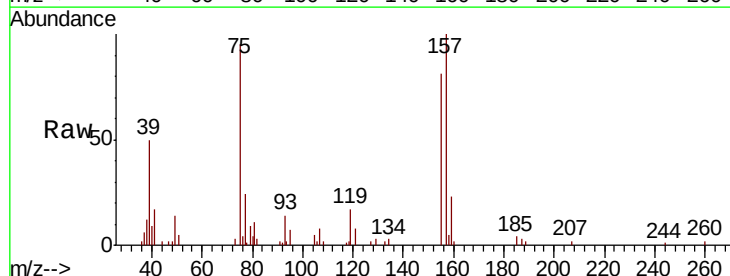


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

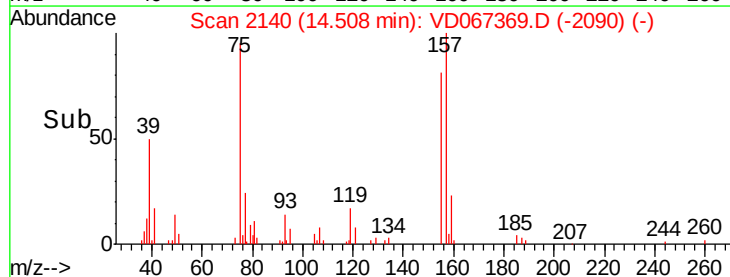
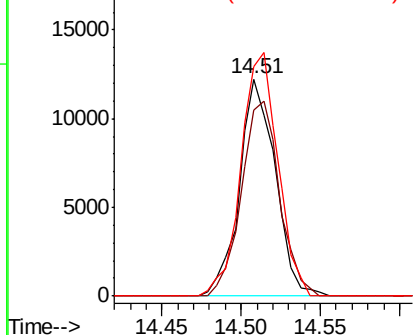


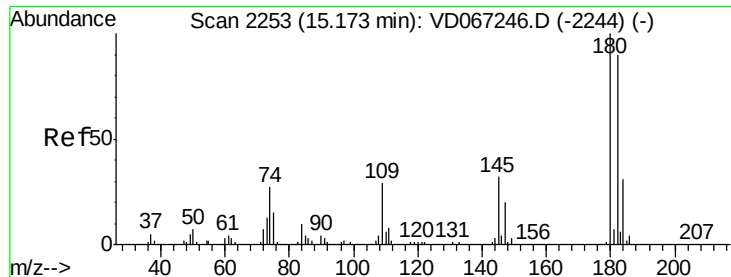
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.380 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Tgt Ion: 75 Resp: 19251
 Ion Ratio Lower Upper
 75 100
 155 94.9 44.8 134.4
 157 115.2 62.5 187.4



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

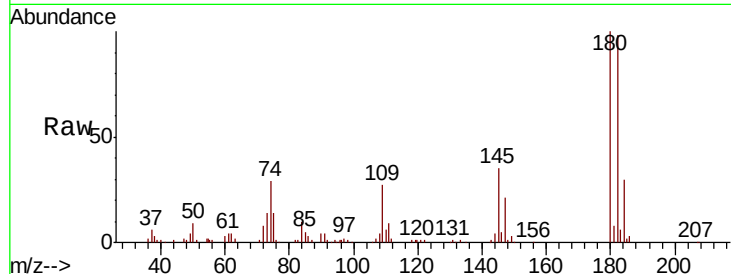




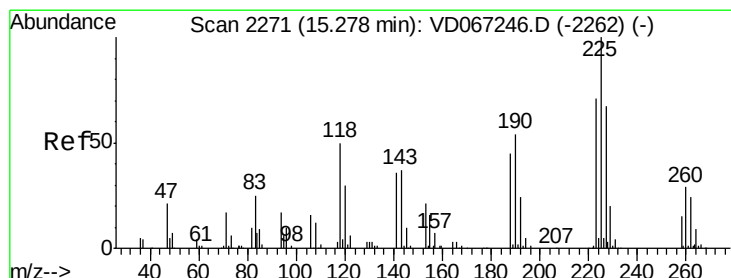
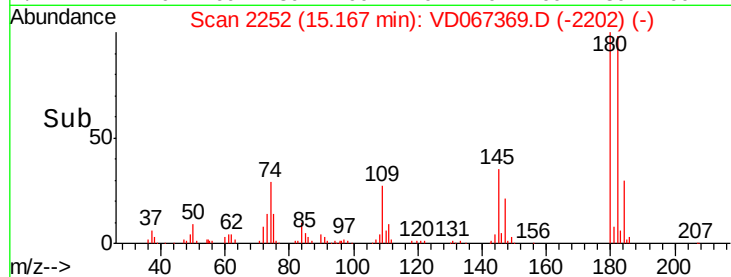
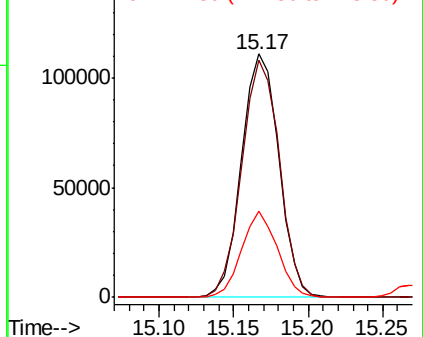
#93
1,2,4-Trichlorobenzene
Concen: 50.558 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.0	48.1	144.4
145	33.8	16.3	48.9

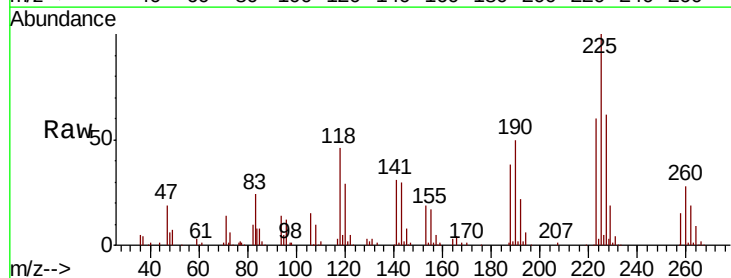


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

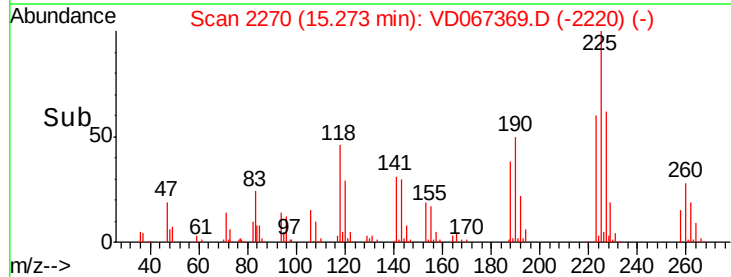
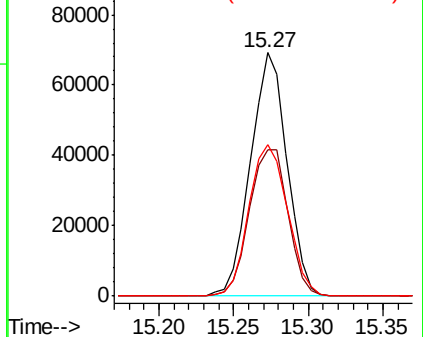


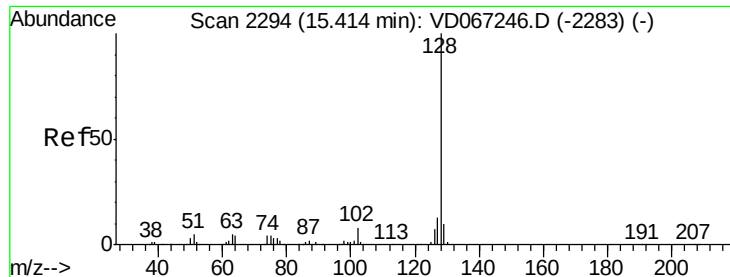
#94
Hexachlorobutadiene
Concen: 49.374 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.9	95.7
227	66.0	31.2	93.6



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 54.247 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

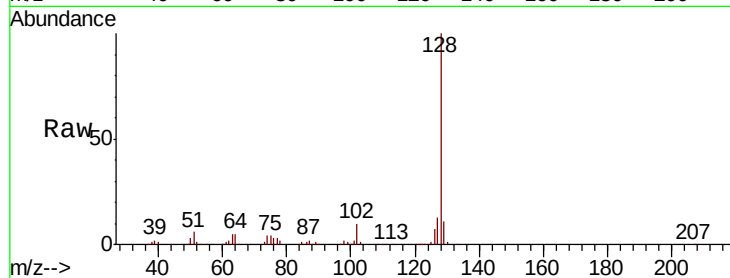
Tot Ion:128 Resp: 338834

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

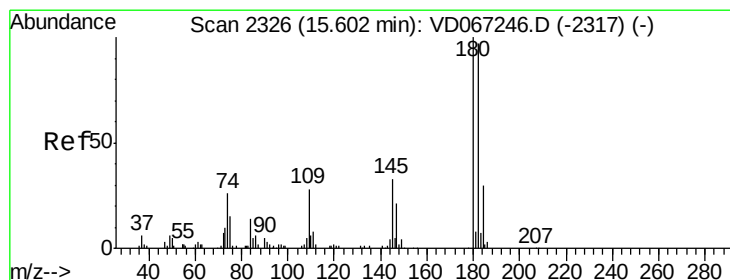
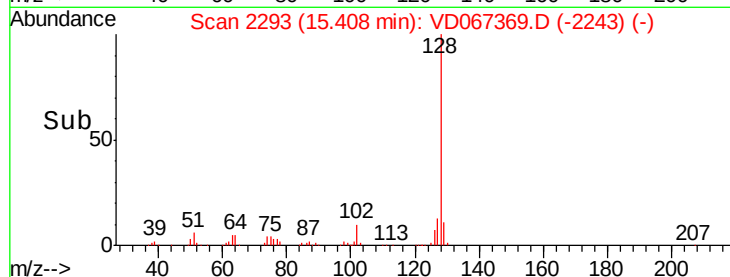
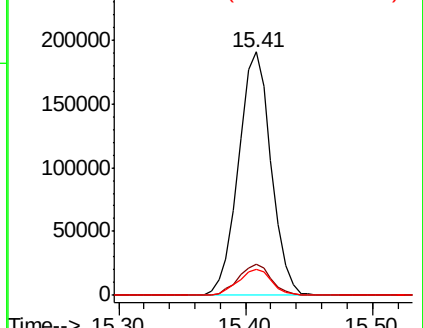
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.787 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

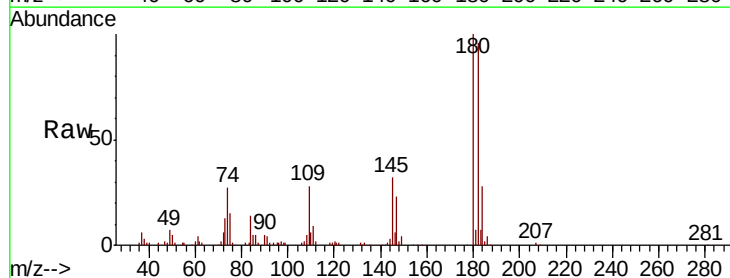
Tgt Ion:180 Resp: 173491

Ion Ratio Lower Upper

180 100

182 94.8 48.1 144.3

145 34.2 17.3 51.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

