

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110520\
 Data File : VD067542.D
 Acq On : 05 Nov 2020 17:34
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 06 00:15:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	320672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	460049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	422040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	214483	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	129727	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	
35) Dibromofluoromethane	7.92	113	132918	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
50) Toluene-d8	10.34	98	458039	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	
62) 4-Bromofluorobenzene	12.64	95	166644	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	123252	47.230	ug/l	99
3) Chloromethane	2.21	50	81624	40.876	ug/l	99
4) Vinyl Chloride	2.35	62	88914	39.937	ug/l	97
5) Bromomethane	2.77	94	73227	40.580	ug/l	97
6) Chloroethane	2.92	64	55902	40.728	ug/l	94
7) Trichlorofluoromethane	3.27	101	260664	45.218	ug/l	97
8) Diethyl Ether	3.71	74	56600	48.728	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	134527	46.232	ug/l	98
10) Methyl Iodide	4.30	142	137525	44.097	ug/l	99
11) Tert butyl alcohol	5.22	59	35937	301.580	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	122695	45.842	ug/l	99
13) Acrolein	3.92	56	30455	245.310	ug/l	98
14) Allyl chloride	4.71	41	131832	46.022	ug/l	99
15) Acrylonitrile	5.42	53	106247	247.446	ug/l	99
16) Acetone	4.16	43	96777	230.646	ug/l	99
17) Carbon Disulfide	4.41	76	360521	43.958	ug/l	99
18) Methyl Acetate	4.71	43	39899	46.016	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	263714	49.952	ug/l #	92
20) Methylene Chloride	4.97	84	139384	47.027	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	140325	45.013	ug/l	95
22) Diisopropyl ether	6.36	45	271074	48.561	ug/l	96
23) Vinyl Acetate	6.31	43	742343	254.055	ug/l	97
24) 1,1-Dichloroethane	6.26	63	211257	46.260	ug/l	99
25) 2-Butanone	7.21	43	107864	240.583	ug/l	91
26) 2,2-Dichloropropane	7.21	77	219439	45.530	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	155420	48.032	ug/l	98
28) Bromochloromethane	7.54	49	78801	48.511	ug/l	98
29) Tetrahydrofuran	7.56	42	69970	260.537	ug/l	99
30) Chloroform	7.71	83	258025	47.361	ug/l	99
31) Cyclohexane	7.99	56	170314	41.880	ug/l #	89
32) 1,1,1-Trichloroethane	7.91	97	257077	45.733	ug/l	98
36) 1,1-Dichloropropene	8.11	75	186493	47.358	ug/l	98
37) Ethyl Acetate	7.29	43	51421	50.296	ug/l #	95
38) Carbon Tetrachloride	8.10	117	249559	48.776	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	220676	47.612	ug/l	94
40) Benzene	8.36	78	512297	48.026	ug/l	100
41) Methacrylonitrile	7.56	41	73798	120.760	ug/l #	13
42) 1,2-Dichloroethane	8.43	62	160723	48.767	ug/l	99
43) Isopropyl Acetate	8.46	43	102254	50.573	ug/l	100
44) Trichloroethene	9.11	130	169984	48.465	ug/l	91
45) 1,2-Dichloropropane	9.39	63	112925	48.964	ug/l	97
46) Dibromomethane	9.48	93	72002	49.102	ug/l	98
47) Bromodichloromethane	9.67	83	200001	50.180	ug/l	99
48) Methyl methacrylate	9.46	41	49983	47.878	ug/l	92
49) 1,4-Dioxane	9.46	88	16003	1075.010	ug/l #	95
51) 4-Methyl-2-Pentanone	10.23	43	252008	260.611	ug/l	99
52) Toluene	10.41	92	347433	48.628	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	175687	51.468	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	198775	49.012	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	96102	49.532	ug/l	96
56) Ethyl methacrylate	10.67	69	105467	52.639	ug/l	96
57) 1,3-Dichloropropane	10.95	76	154034	49.336	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	250357	267.952	ug/l	100
59) 2-Hexanone	10.99	43	179089	264.878	ug/l	100
60) Dibromochloromethane	11.14	129	142767	49.743	ug/l	98
61) 1,2-Dibromoethane	11.25	107	99174	50.930	ug/l	99
64) Tetrachloroethene	10.88	164	146157	46.761	ug/l	98
65) Chlorobenzene	11.67	112	389533	47.915	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	154829	48.321	ug/l	99
67) Ethyl Benzene	11.75	91	685011	49.241	ug/l	98
68) m/p-Xylenes	11.86	106	525674	97.128	ug/l	100
69) o-Xylene	12.18	106	235738	48.786	ug/l	99
70) Styrene	12.20	104	413515	49.111	ug/l	98
71) Bromoform	12.37	173	83596	51.156	ug/l #	98
73) Isopropylbenzene	12.48	105	662464	47.791	ug/l	99
74) N-amyl acetate	12.29	43	91666	50.256	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	93540	49.487	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	131469	101.608	ug/l #	100
77) Bromobenzene	12.77	156	166307	48.853	ug/l	98
78) n-propylbenzene	12.83	91	750576	47.339	ug/l	100
79) 2-Chlorotoluene	12.91	91	436952	48.515	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	574046	48.478	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	30563	47.957	ug/l	95
82) 4-Chlorotoluene	13.01	91	461841	47.812	ug/l	99
83) tert-Butylbenzene	13.23	119	476662	47.497	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	575810	48.851	ug/l	99
85) sec-Butylbenzene	13.41	105	653046	48.204	ug/l	99
86) p-Isopropyltoluene	13.52	119	620901	47.460	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	303928	46.788	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	305116	46.388	ug/l	99
89) n-Butylbenzene	13.84	91	543275	48.077	ug/l	99
90) Hexachloroethane	14.11	117	115937	47.059	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	267900	47.653	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17968	53.689	ug/l	91

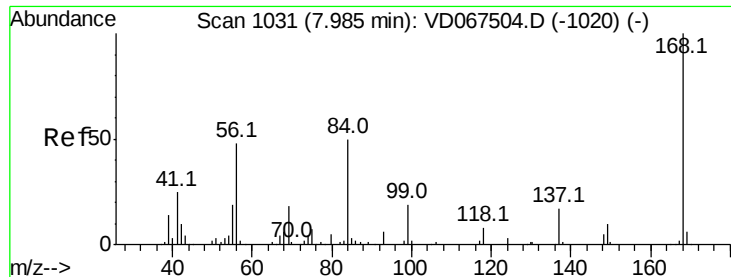
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110520\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	182575	47.849	ug/l	98
94) Hexachlorobutadiene	15.27	225	115350	45.169	ug/l	99
95) Naphthalene	15.40	128	302004	51.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	160807	49.214	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

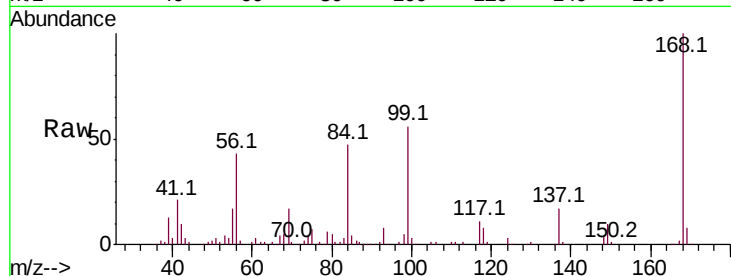
VSTDCCC050EC

Tot Ion:168 Resp: 320672

Ion Ratio Lower Upper

168 100

99 55.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

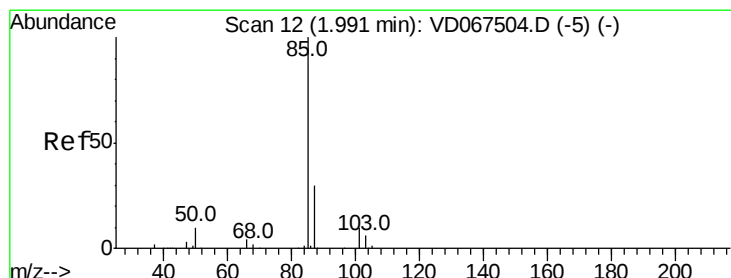
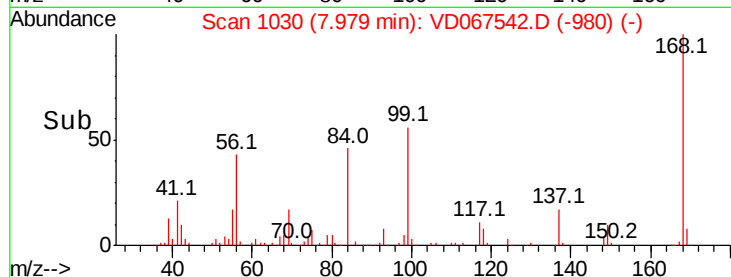
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.230 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067542.D

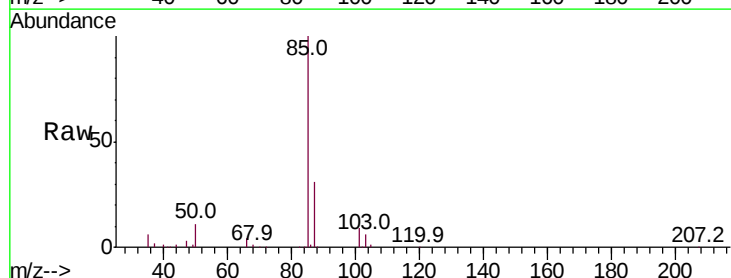
Acq: 05 Nov 2020 17:34

Tgt Ion: 85 Resp: 123252

Ion Ratio Lower Upper

85 100

87 30.8 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

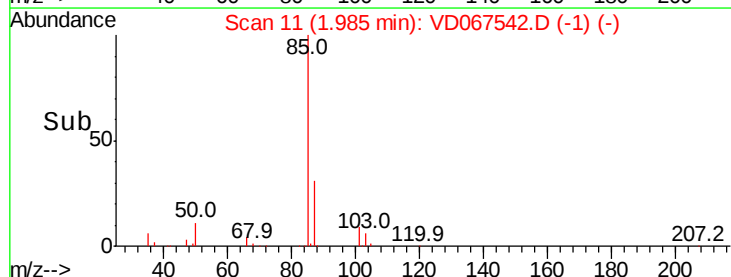
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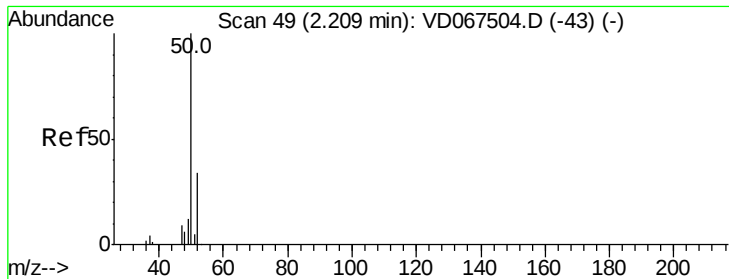
40000

20000

0

Time-->





#3

Chloromethane

Concen: 40.876 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

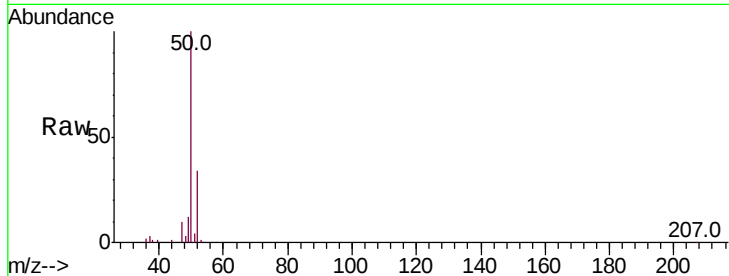
VSTDCCC050EC

Tot Ion: 50 Resp: 81624

Ion Ratio Lower Upper

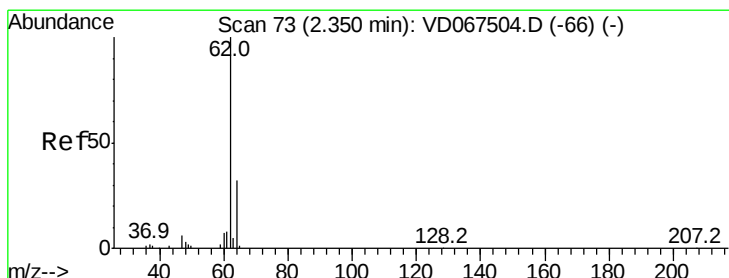
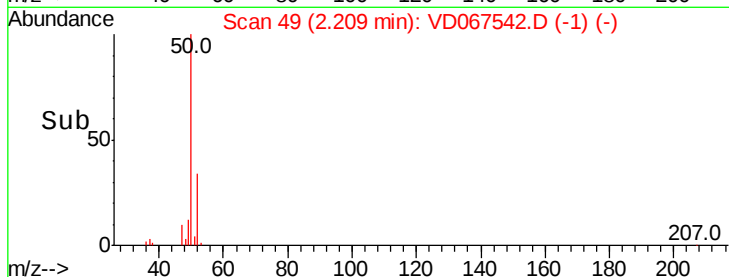
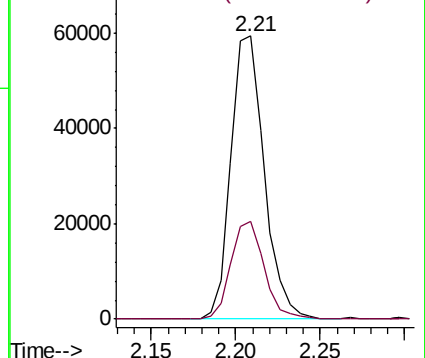
50 100

52 34.5 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 39.937 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067542.D

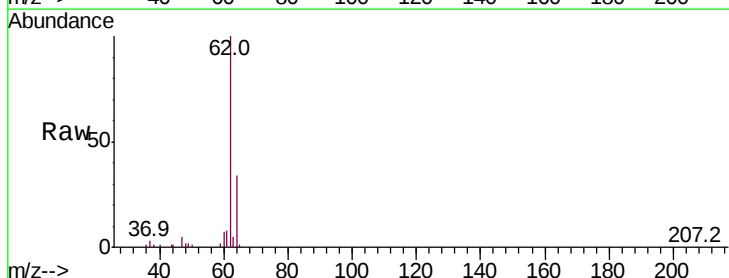
Acq: 05 Nov 2020 17:34

Tgt Ion: 62 Resp: 88914

Ion Ratio Lower Upper

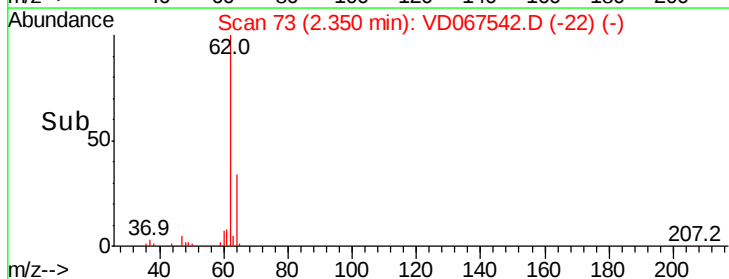
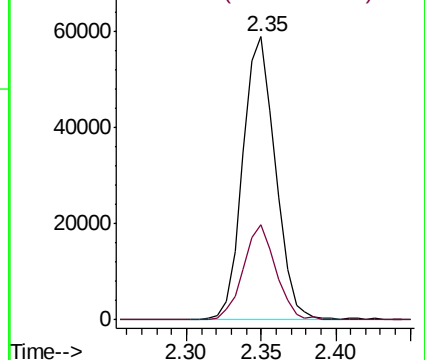
62 100

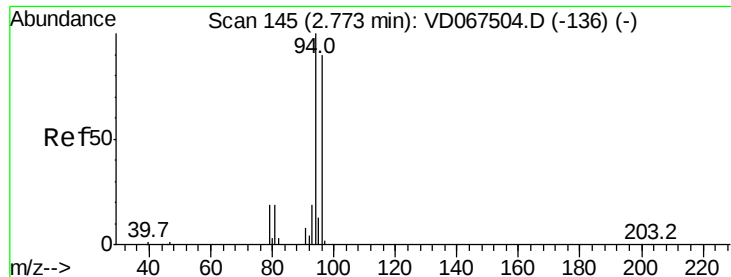
64 33.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 40.580 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

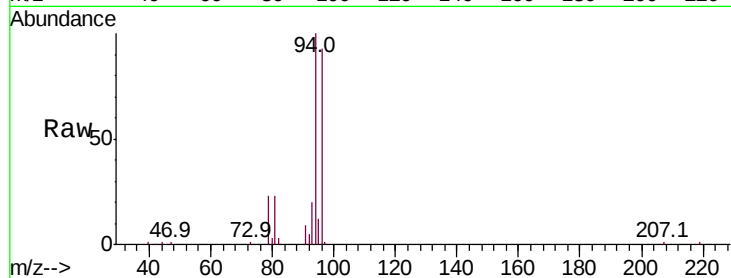
VSTDCCC050EC

Tot Ion: 94 Resp: 73227

Ion Ratio Lower Upper

94 100

96 92.9 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

40000

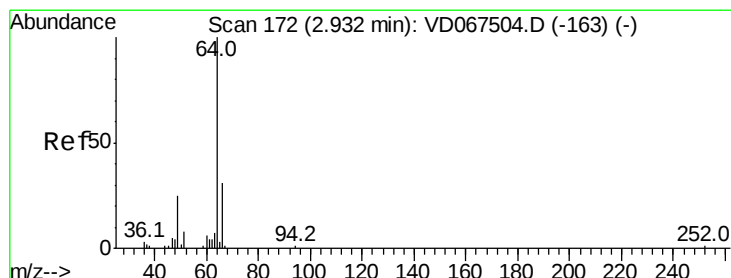
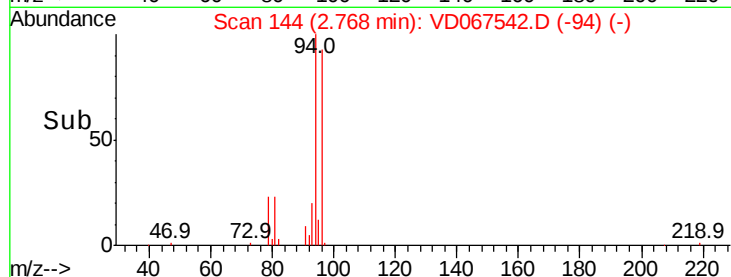
30000

20000

10000

0

Time--> 2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 40.728 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067542.D

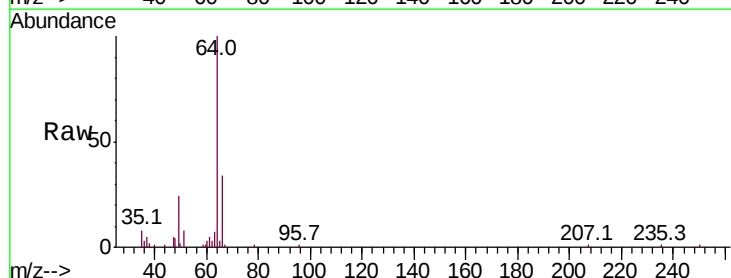
Acq: 05 Nov 2020 17:34

Tgt Ion: 64 Resp: 55902

Ion Ratio Lower Upper

64 100

66 33.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

30000

25000

20000

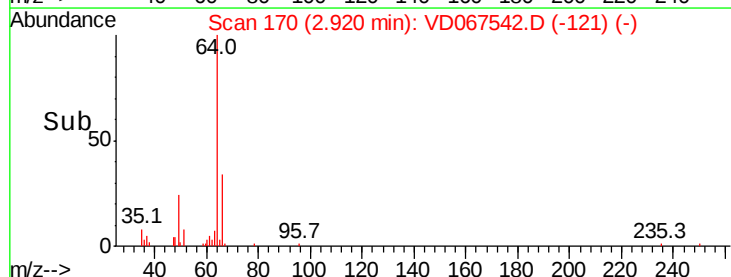
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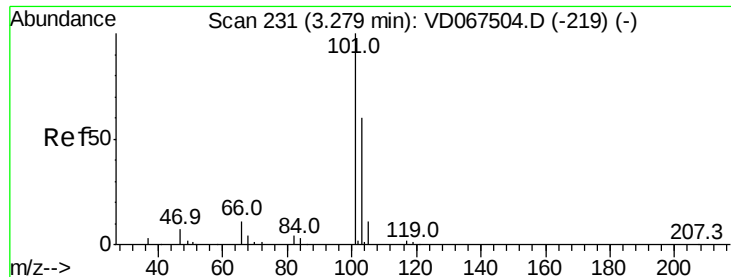
10000

5000

0

Time--> 2.85 2.90 2.95 3.00



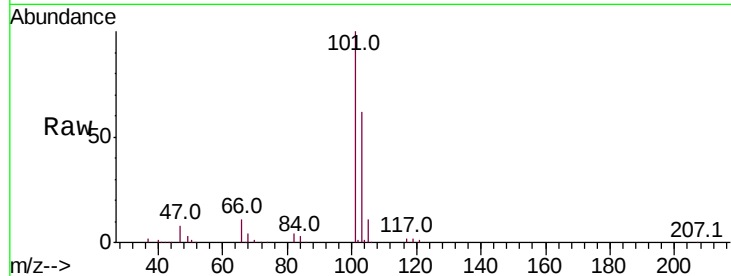


#7

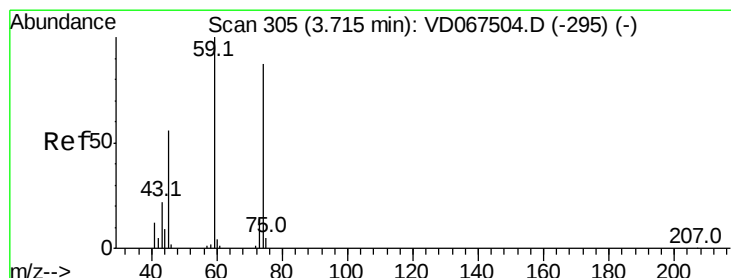
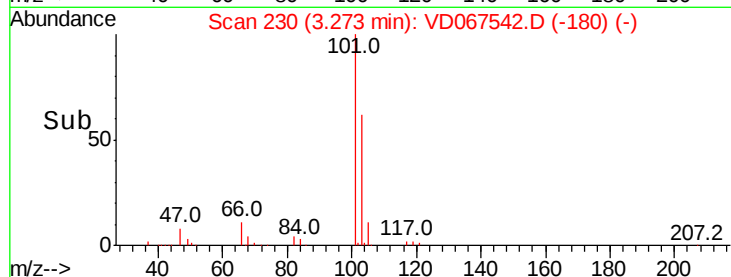
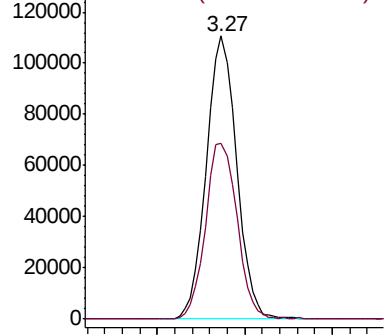
Trichlorofluoromethane
 Concen: 45.218 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Instrument :
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 VSTDCCC050EC

Tot Ion:101 Resp: 260664
 Ion Ratio Lower Upper
 101 100
 103 62.1 48.1 72.1



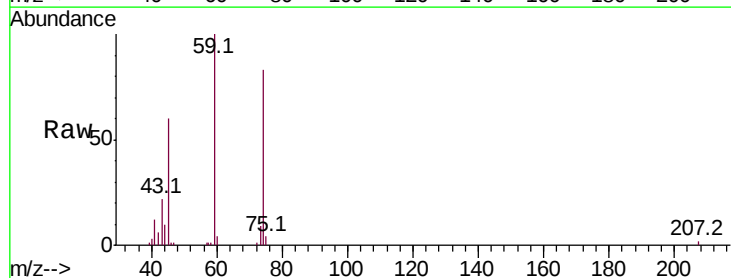
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



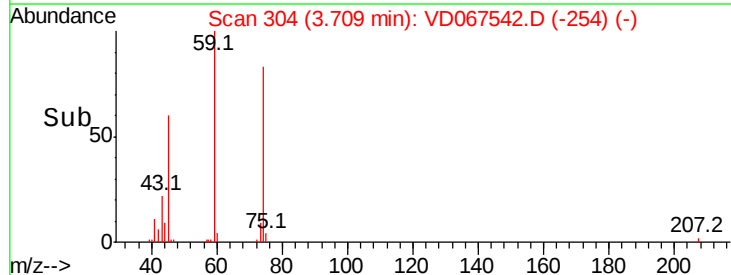
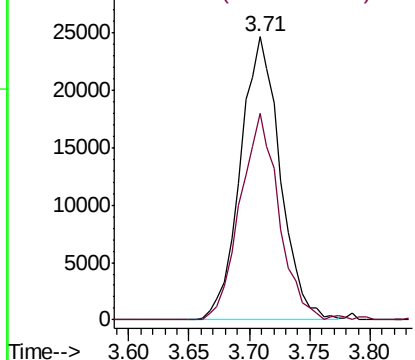
#8

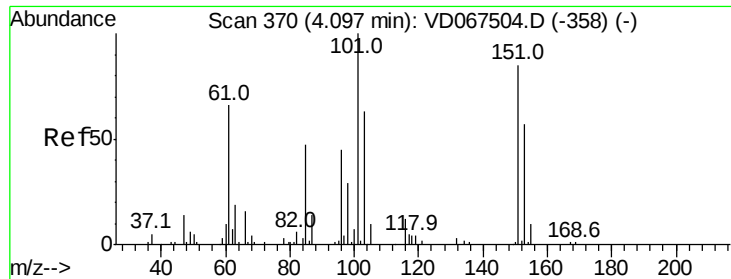
Diethyl Ether
 Concen: 48.728 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Tgt Ion: 74 Resp: 56600
 Ion Ratio Lower Upper
 74 100
 45 70.7 38.2 114.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.232 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

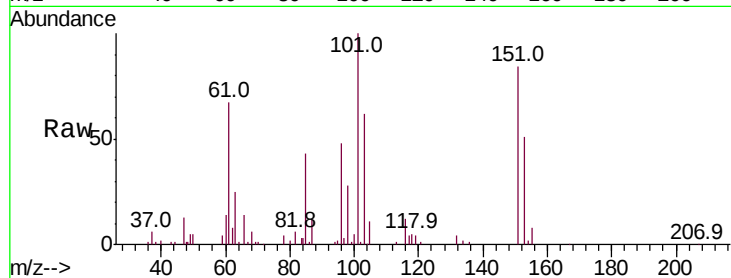
Tot Ion:101 Resp: 134527

Ion Ratio Lower Upper

101 100

85 42.7 34.4 51.6

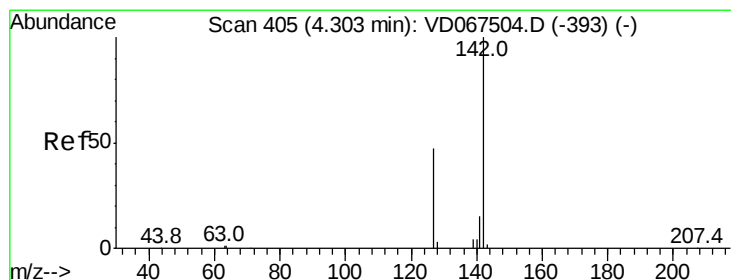
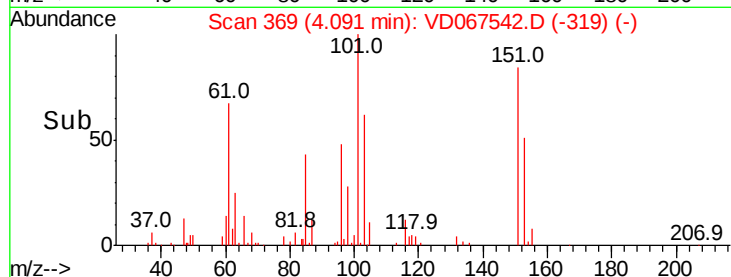
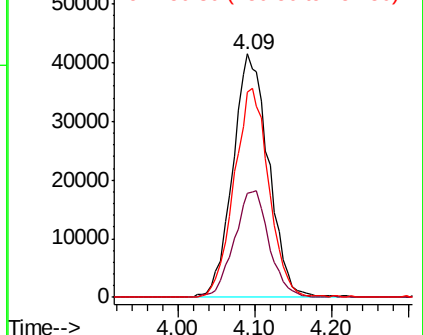
151 83.2 68.1 102.1



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: 44.097 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

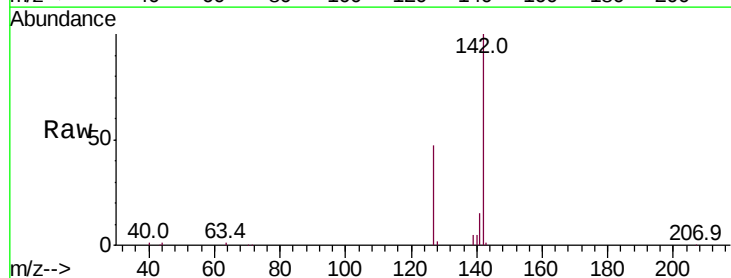
Tgt Ion:142 Resp: 137525

Ion Ratio Lower Upper

142 100

127 49.1 40.0 60.0

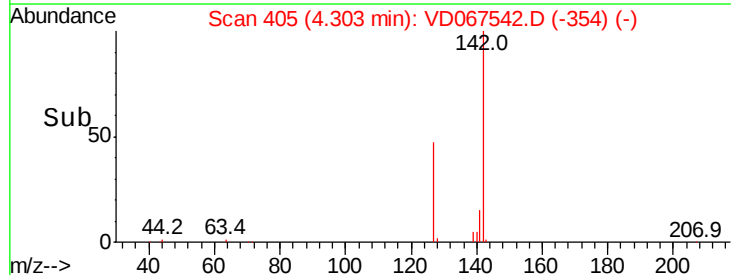
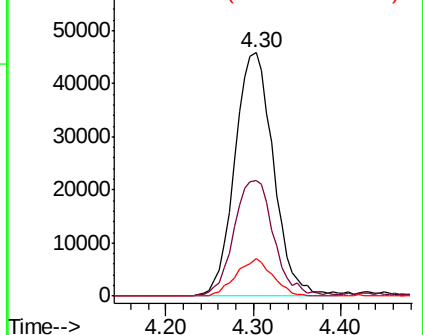
141 14.6 11.7 17.5

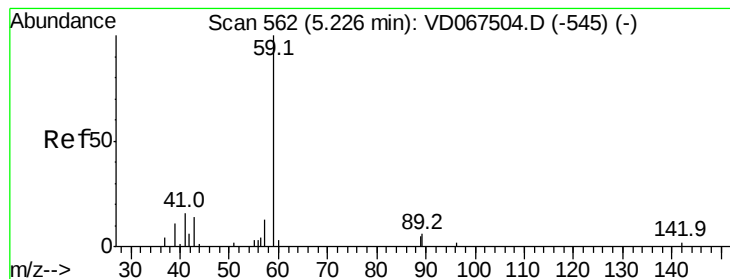


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 301.580 ug/l

RT: 5.22 min Scan# 561

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

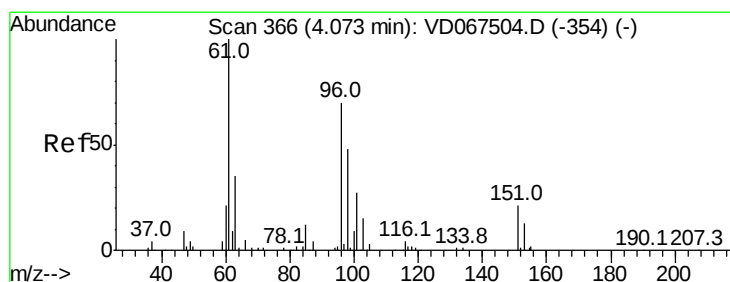
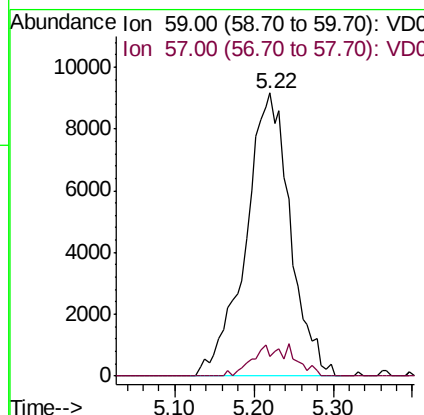
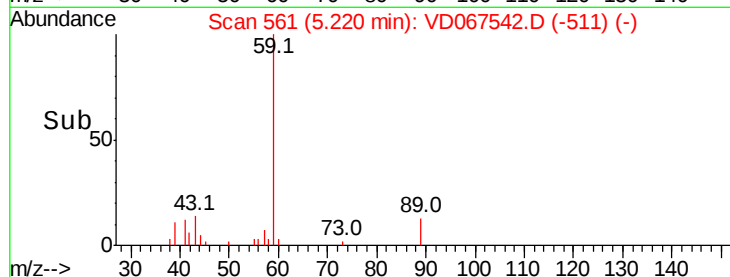
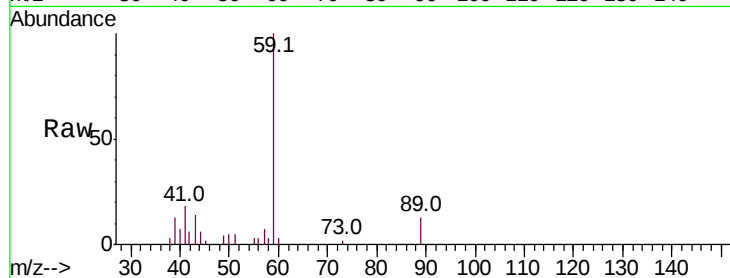
VSTDCCC050EC

Tot Ion: 59 Resp: 35937

Ion Ratio Lower Upper

59 100

57 5.3 5.9 8.9#



#12

1,1-Dichloroethene

Concen: 45.842 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

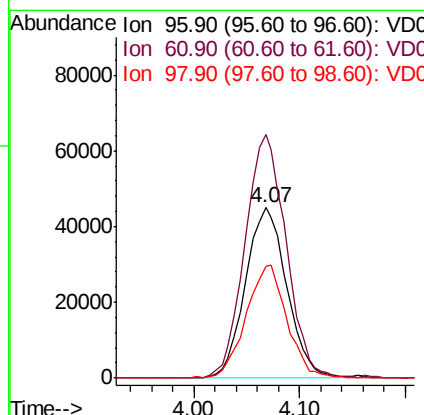
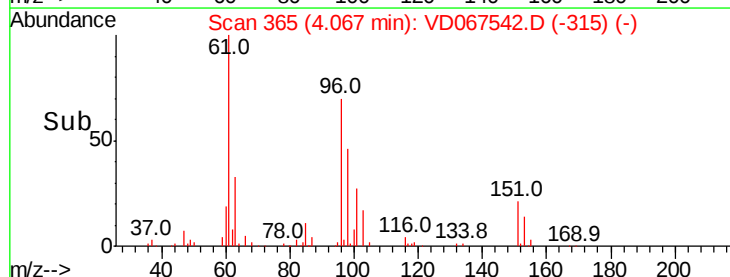
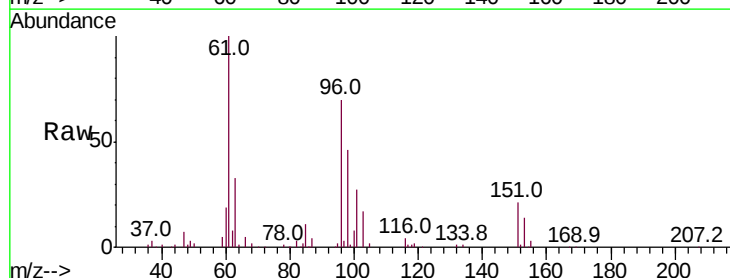
Tgt Ion: 96 Resp: 122695

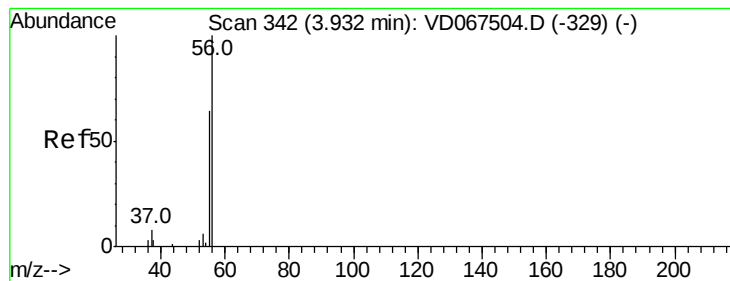
Ion Ratio Lower Upper

96 100

61 143.1 114.5 171.7

98 65.9 54.5 81.7





#13

Acrolein

Concen: 245.310 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

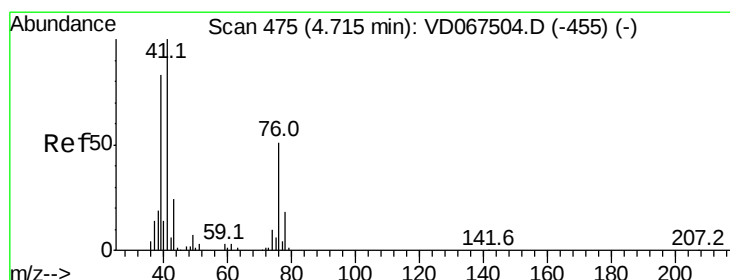
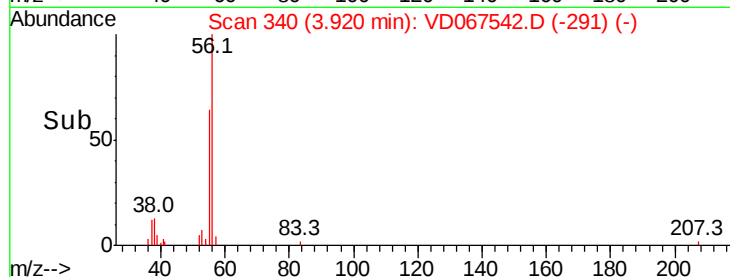
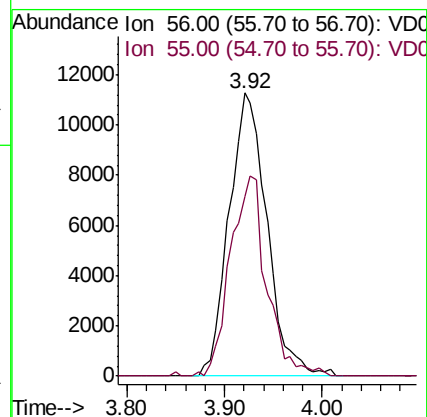
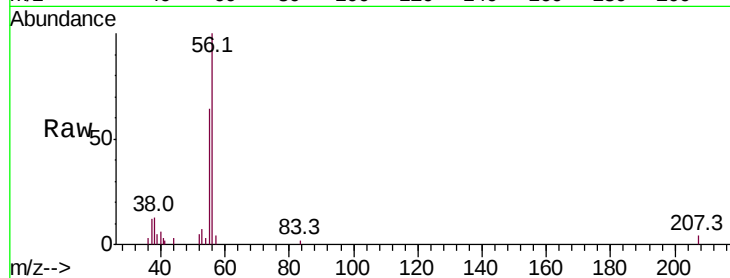
VSTDCCC050EC

Tot Ion: 56 Resp: 30455

Ion Ratio Lower Upper

56 100

55 67.9 55.8 83.8



#14

Allyl chloride

Concen: 46.022 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

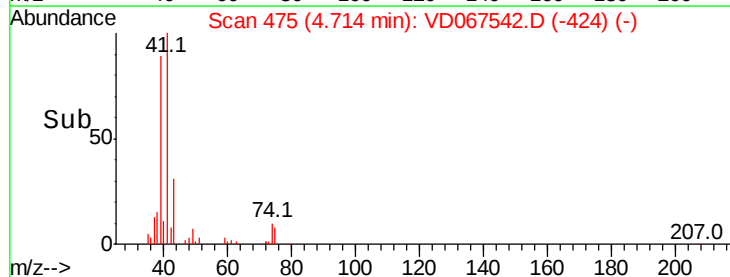
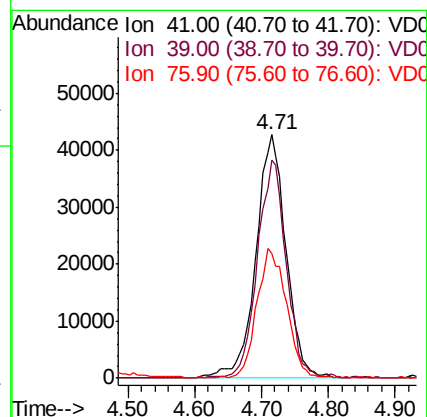
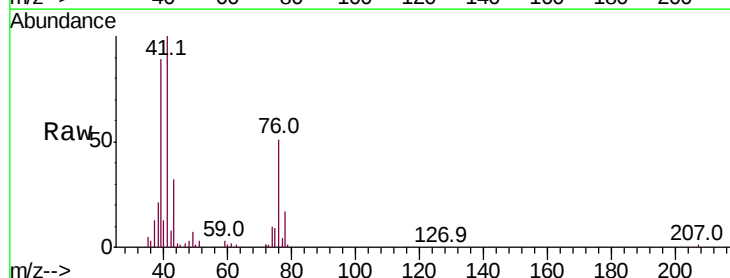
Tgt Ion: 41 Resp: 131832

Ion Ratio Lower Upper

41 100

39 85.7 67.4 101.0

76 52.3 42.2 63.2





#15

Acrylonitrile

Concen: 247.446 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

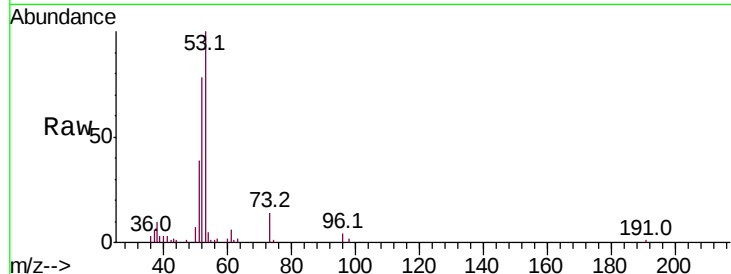
Tot Ion: 53 Resp: 106247

Ion Ratio Lower Upper

53 100

52 80.4 64.8 97.2

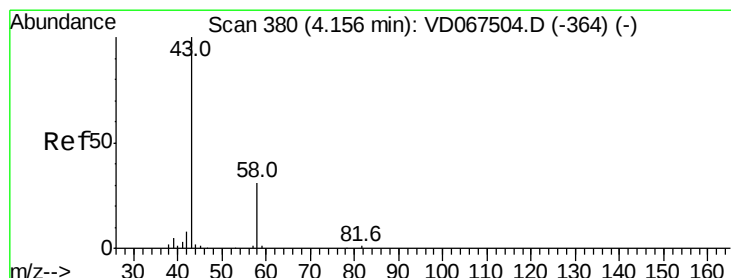
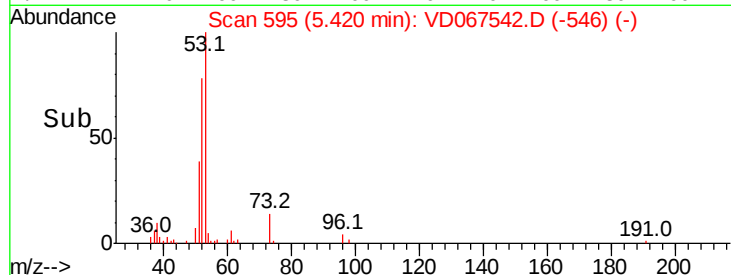
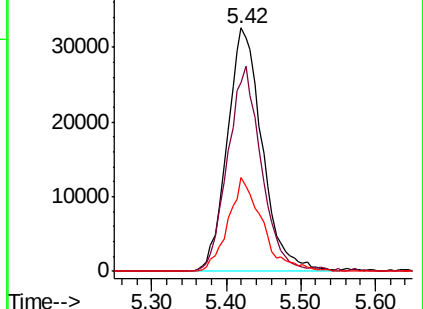
51 37.7 29.5 44.3



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: 230.646 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067542.D

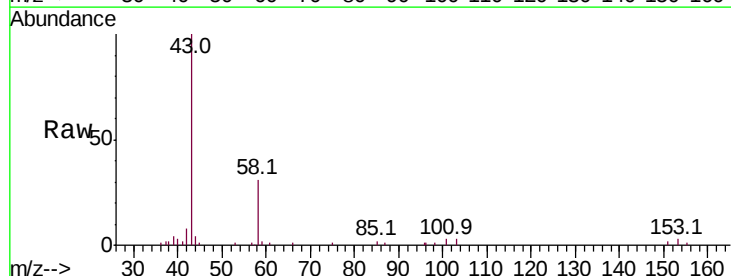
Acq: 05 Nov 2020 17:34

Tgt Ion: 43 Resp: 96777

Ion Ratio Lower Upper

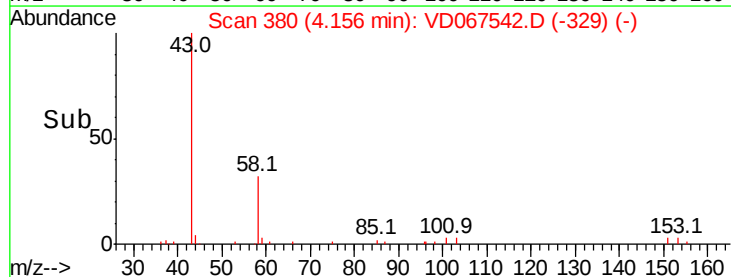
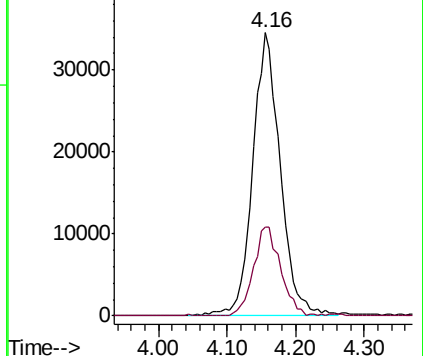
43 100

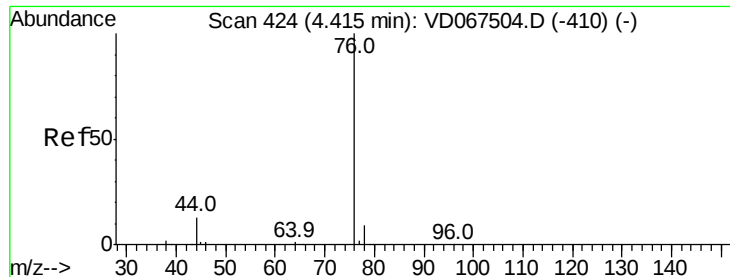
58 30.9 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

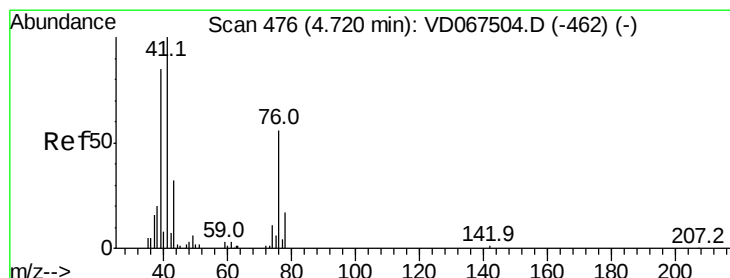
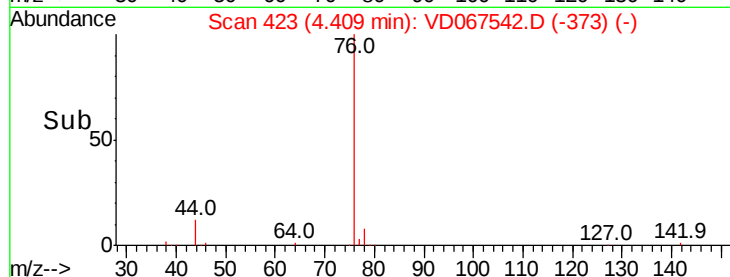
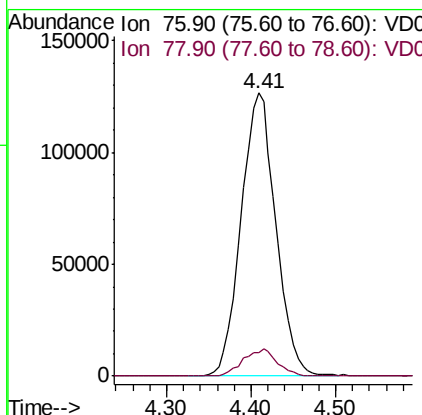
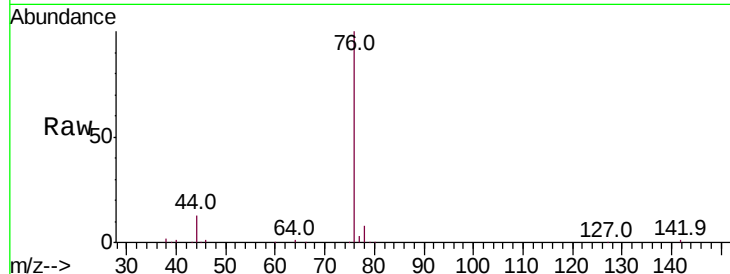




#17
Carbon Disulfide
Concen: 43.958 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

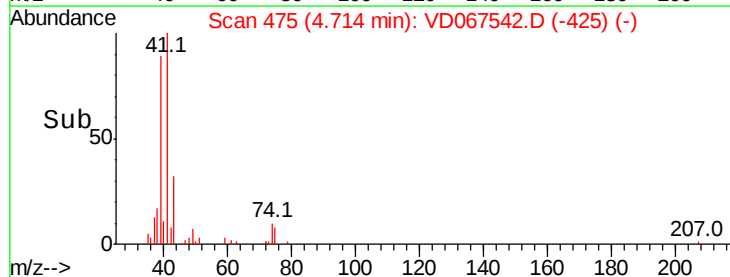
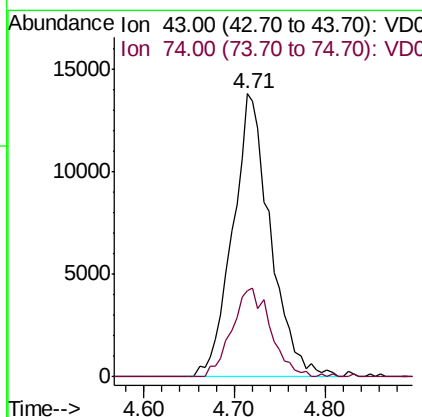
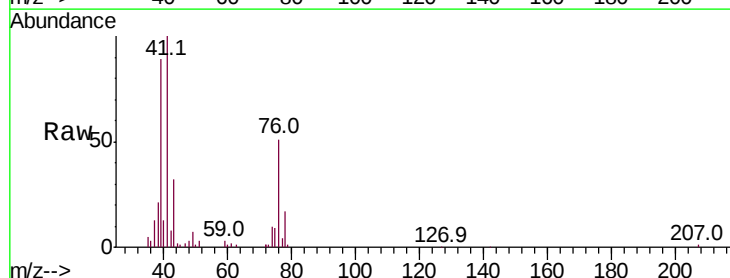
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

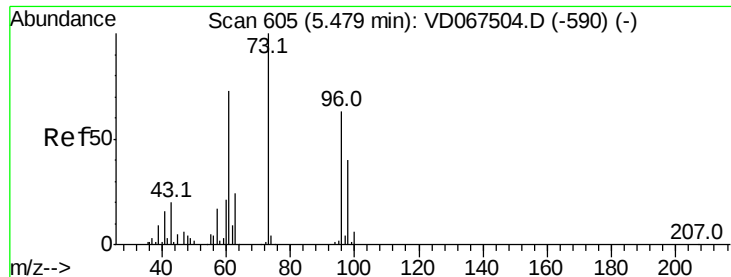
Tot Ion: 76 Resp: 360521
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 46.016 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion: 43 Resp: 39899
Ion Ratio Lower Upper
43 100
74 32.2 27.2 40.8

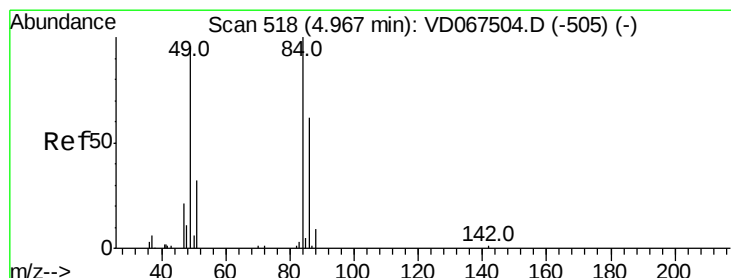
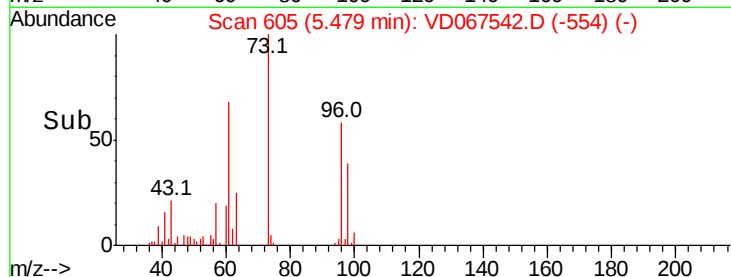
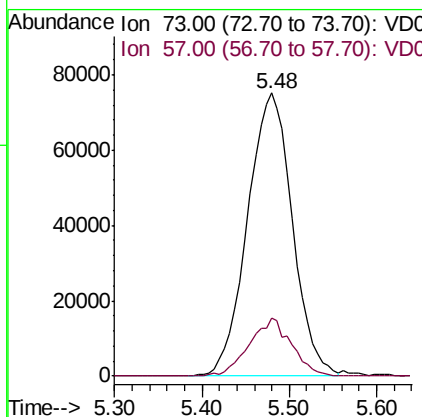
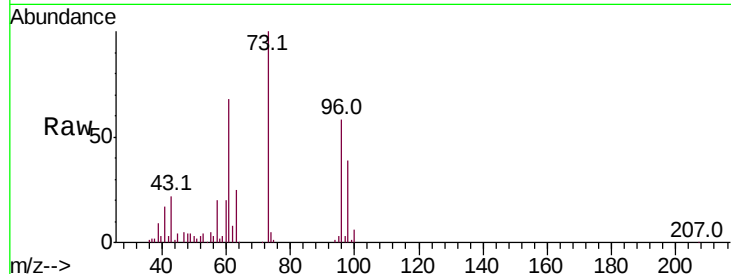




#19
Methvl tert-butvl Ether
Concen: 49.952 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

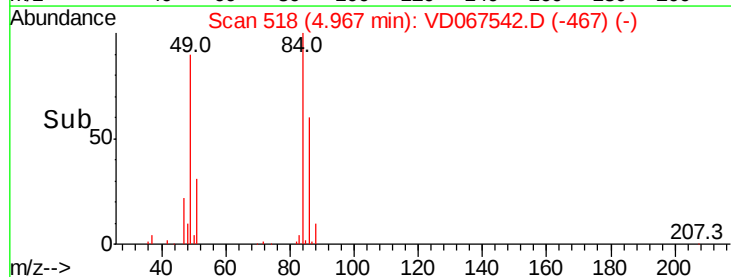
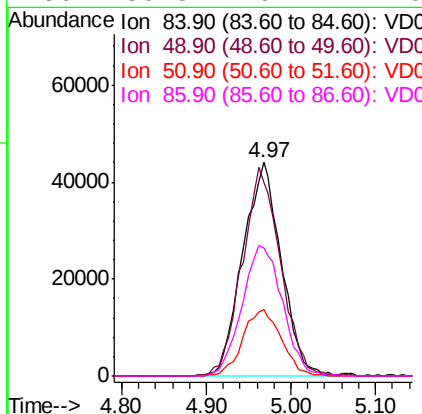
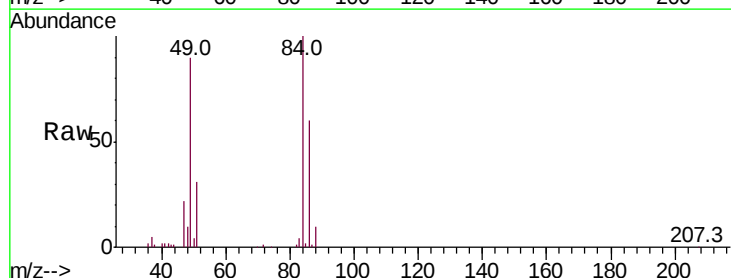
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

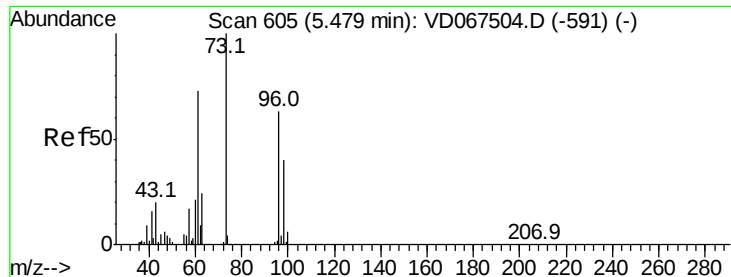
Tot Ion: 73 Resp: 263714
Ion Ratio Lower Upper
73 100
57 20.4 13.4 20.0#



#20
Methylene Chloride
Concen: 47.027 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion: 84 Resp: 139384
Ion Ratio Lower Upper
84 100
49 90.4 77.0 115.4
51 30.9 25.4 38.2
86 59.8 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 45.013 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

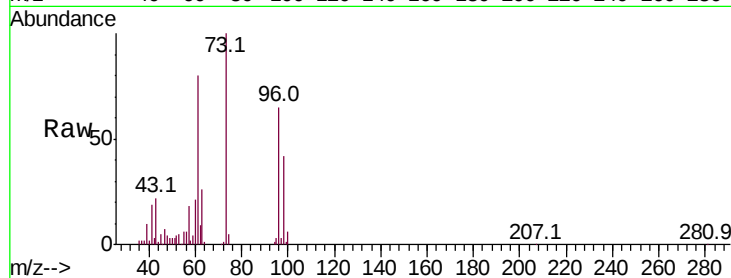
Tot Ion: 96 Resp: 140325

Ion Ratio Lower Upper

96 100

61 124.2 93.0 139.6

98 65.3 50.9 76.3

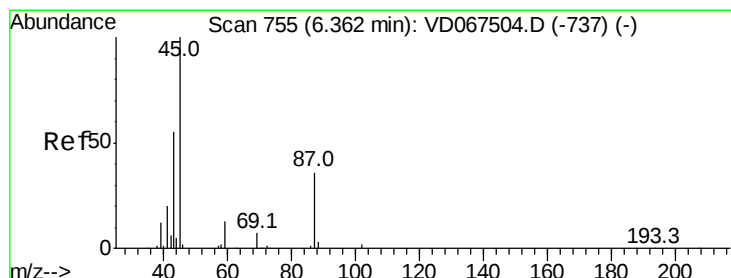
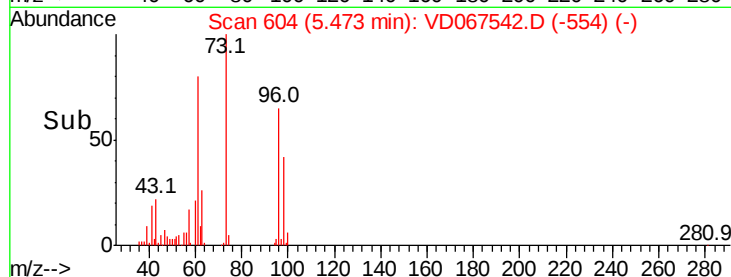
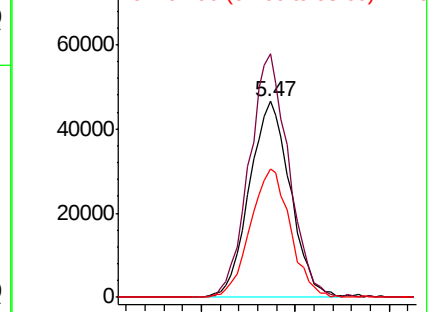


Abundance

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: 48.561 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Tgt Ion: 45 Resp: 271074

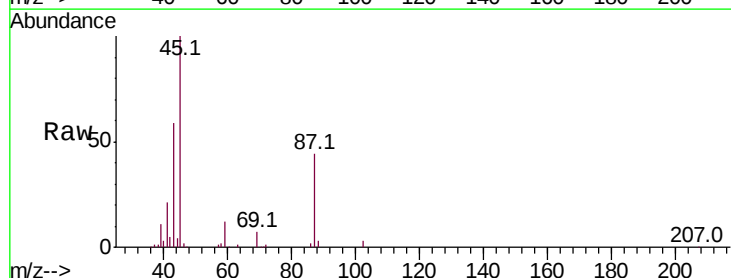
Ion Ratio Lower Upper

45 100

43 57.4 46.2 69.4

87 43.3 29.4 44.2

59 12.2 10.8 16.2



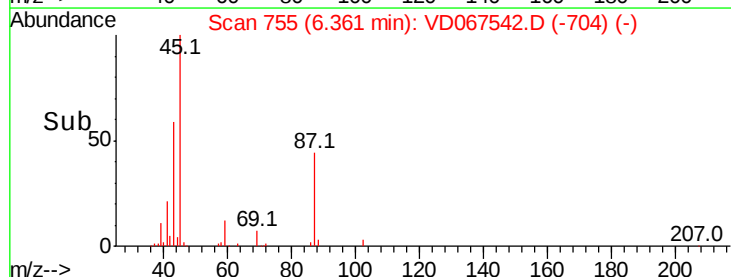
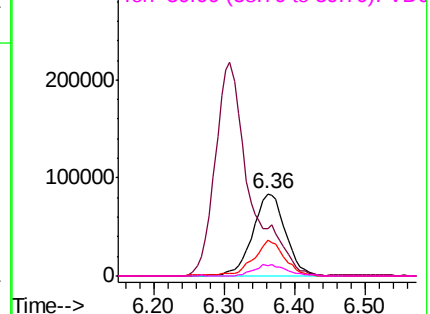
Abundance

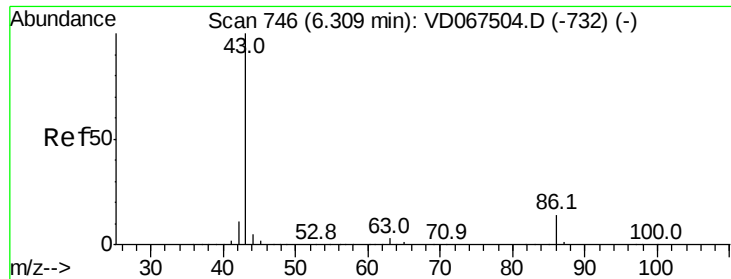
Ion 45.00 (44.70 to 45.70): VDC

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: 254.055 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

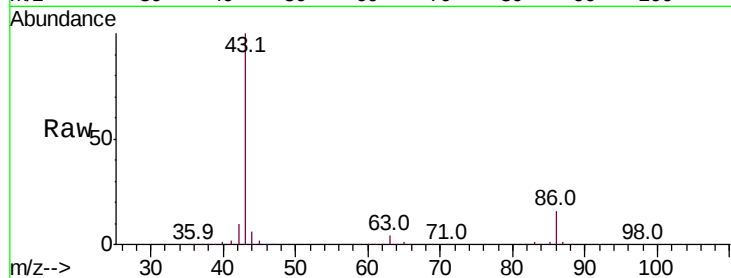
VSTDCCC050EC

Tot Ion: 43 Resp: 742343

Ion Ratio Lower Upper

43 100

86 15.7 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

250000

200000

150000

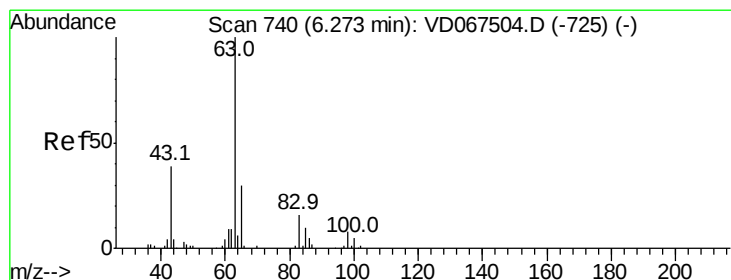
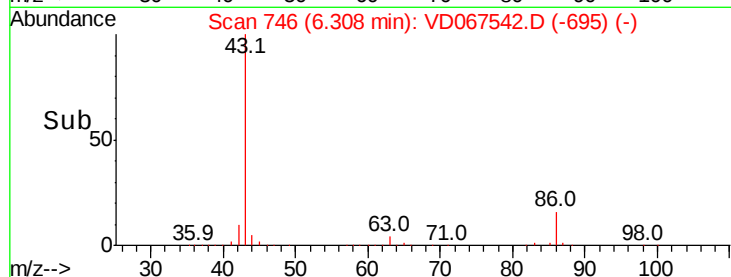
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 46.260 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

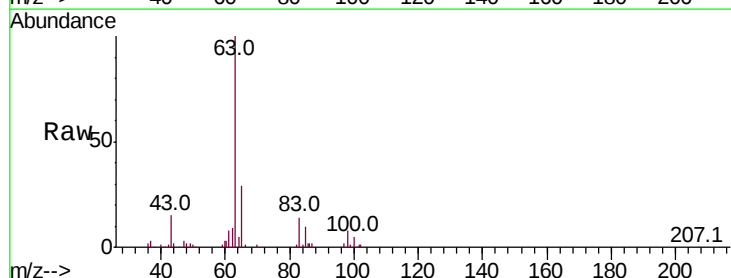
Tgt Ion: 63 Resp: 211257

Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.5

100 5.1 2.6 7.8



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

80000

60000

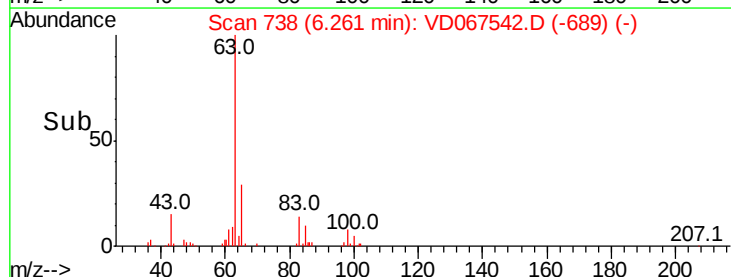
40000

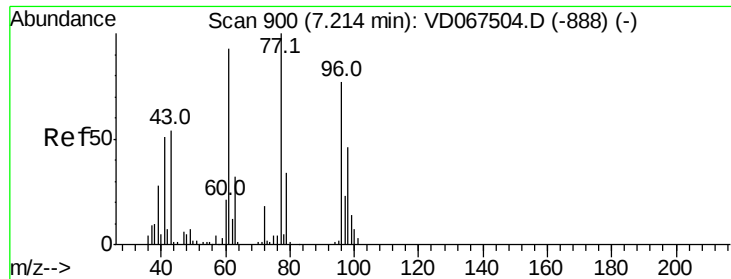
20000

0

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 240.583 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

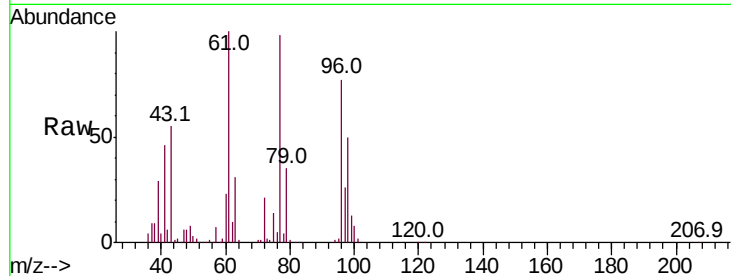
VSTDCCC050EC

Tot Ion: 43 Resp: 107864

Ion Ratio Lower Upper

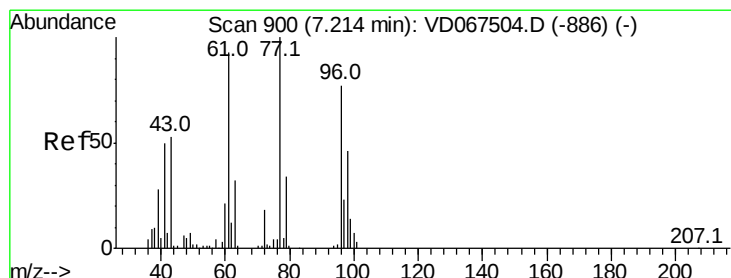
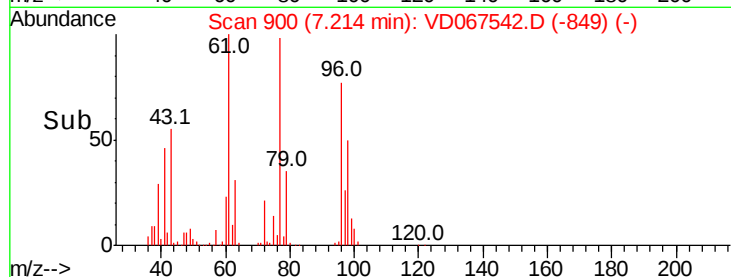
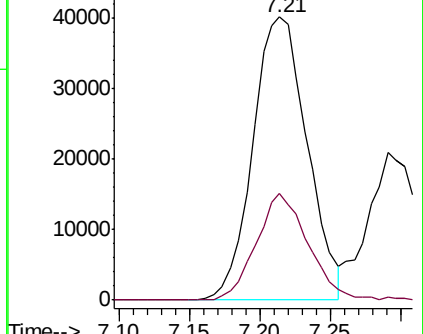
43 100

72 37.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 45.530 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067542.D

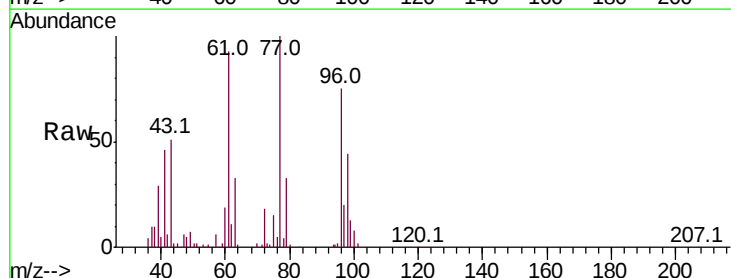
Acq: 05 Nov 2020 17:34

Tgt Ion: 77 Resp: 219439

Ion Ratio Lower Upper

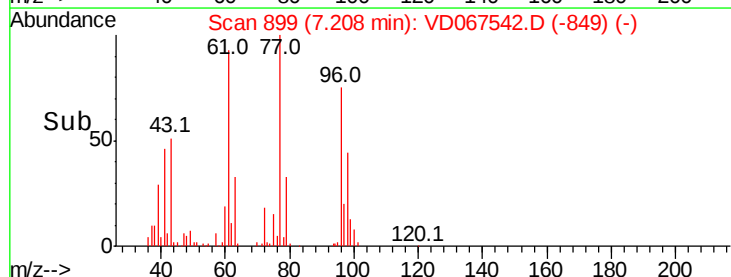
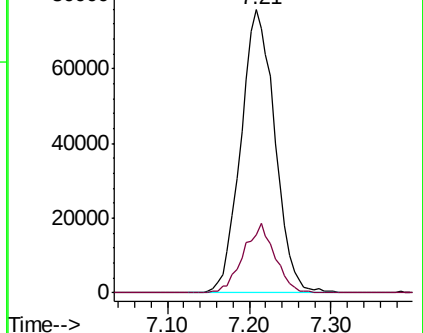
77 100

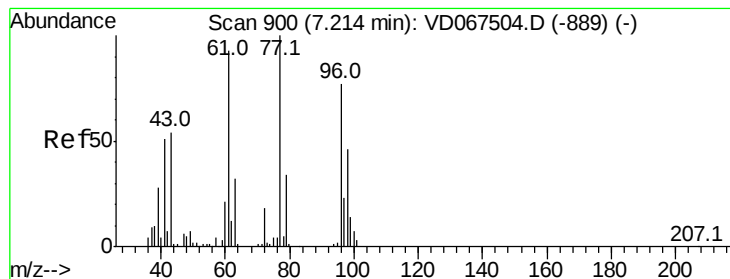
97 22.7 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 48.032 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

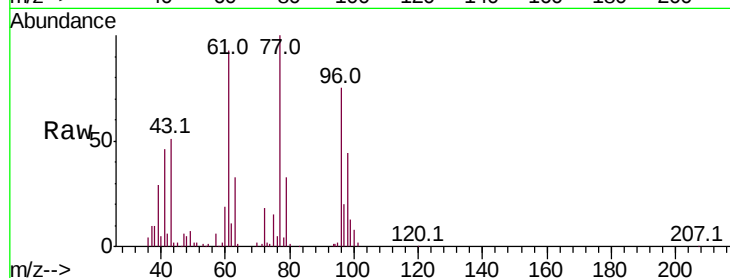
Tot Ion: 96 Resp: 155420

Ion Ratio Lower Upper

96 100

61 127.3 0.0 251.6

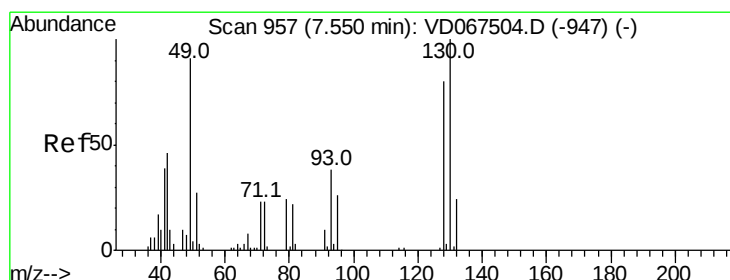
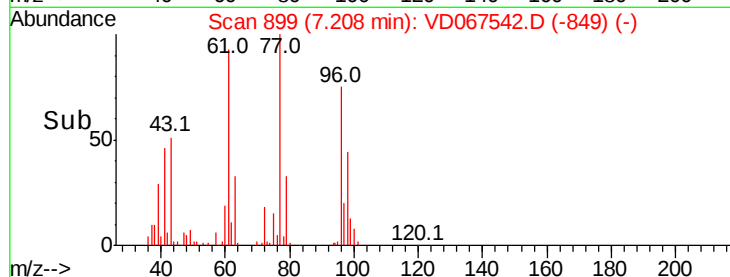
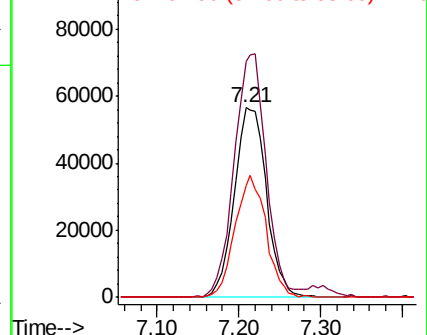
98 62.0 0.0 128.0



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: 48.511 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

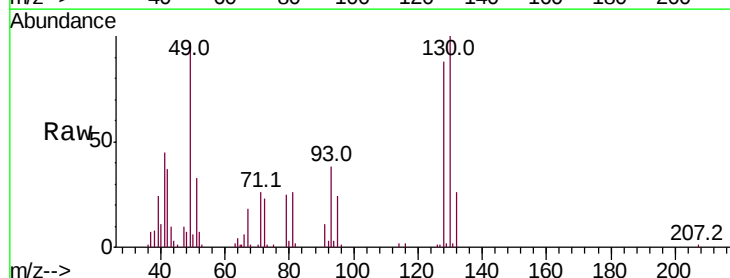
Tgt Ion: 49 Resp: 78801

Ion Ratio Lower Upper

49 100

129 0.9 0.0 6.4

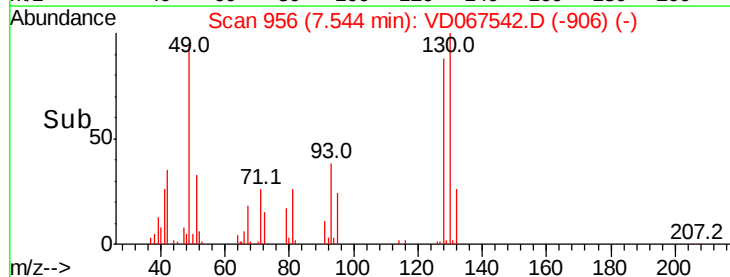
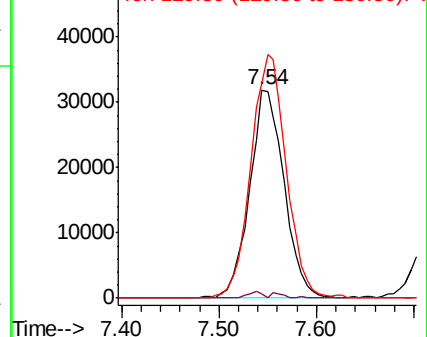
130 120.2 94.6 142.0

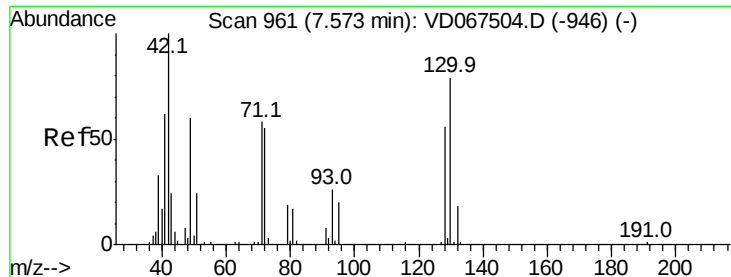


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

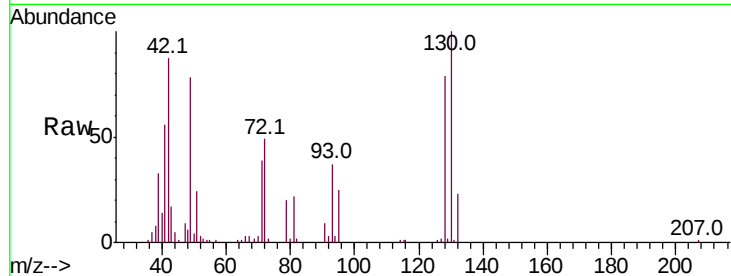




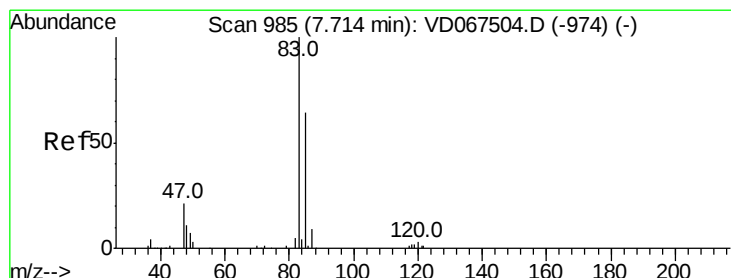
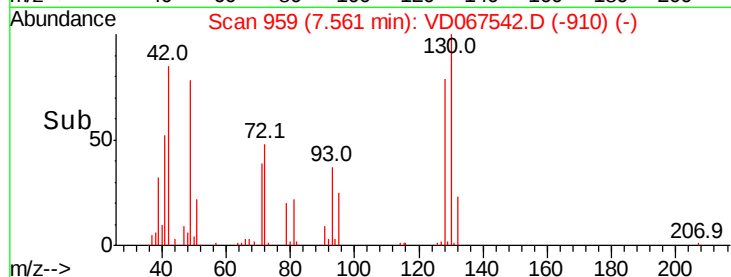
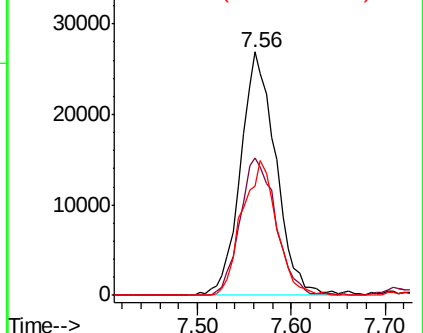
#29
Tetrahydrofuran
Concen: 260.537 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 69970
Ion Ratio Lower Upper
42 100
72 57.3 46.3 69.5
71 54.1 44.0 66.0

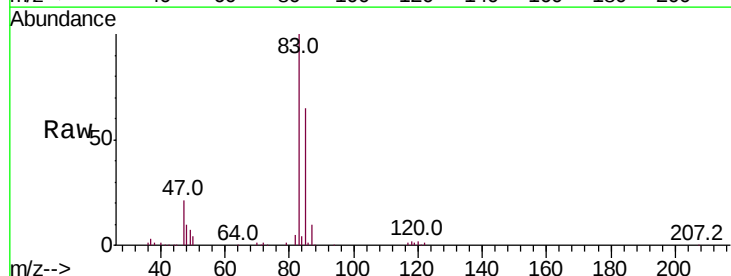


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

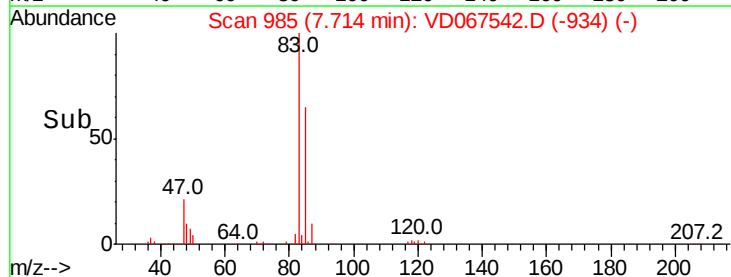
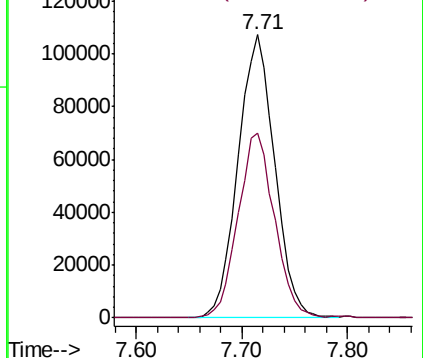


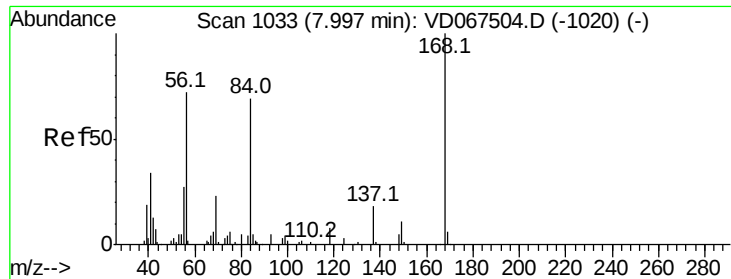
#30
Chloroform
Concen: 47.361 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion: 83 Resp: 258025
Ion Ratio Lower Upper
83 100
85 65.1 51.5 77.3



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

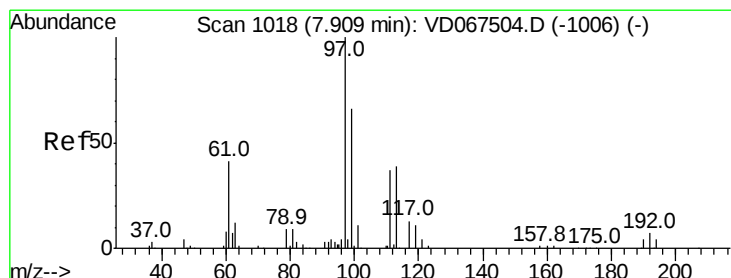
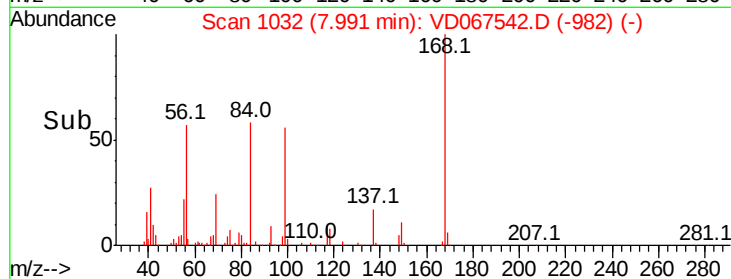
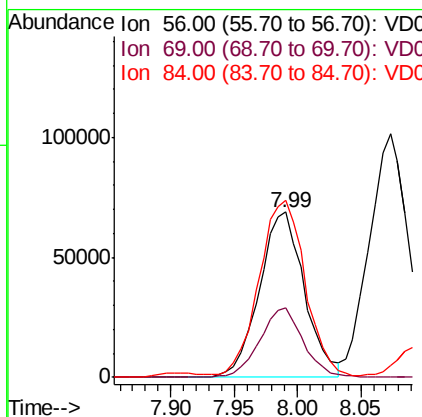
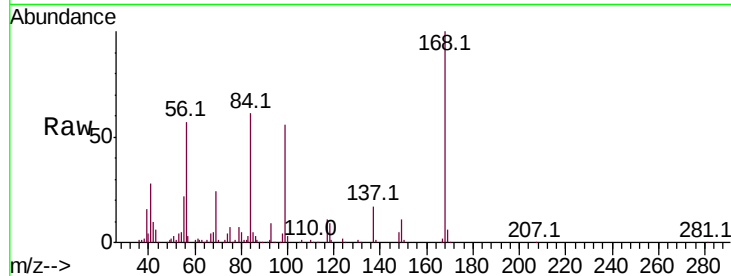




#31
Cyclohexane
Concen: 41.880 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

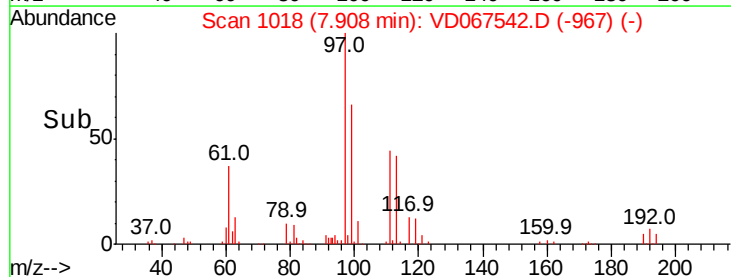
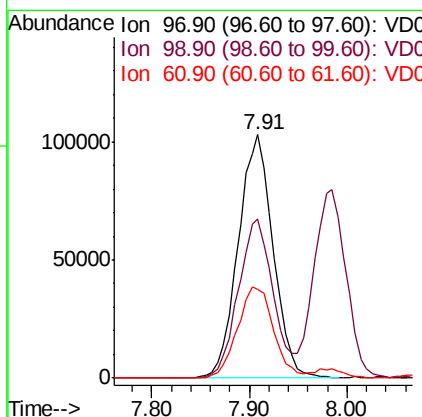
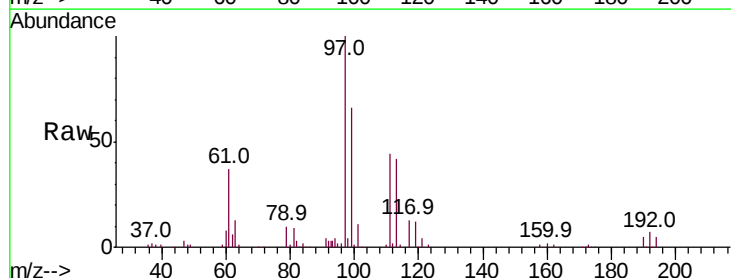
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

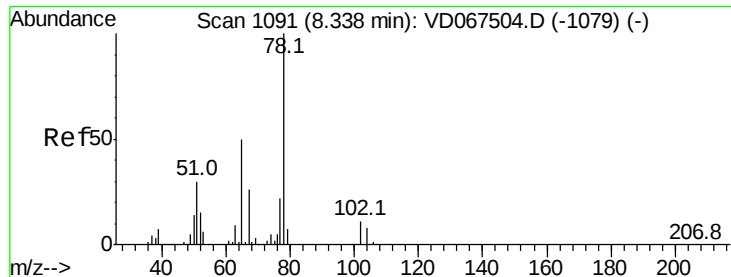
Tot Ion: 56 Resp: 170314
Ion Ratio Lower Upper
56 100
69 41.8 25.9 38.9#
84 104.4 76.2 114.4



#32
1,1,1-Trichloroethane
Concen: 45.733 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion: 97 Resp: 257077
Ion Ratio Lower Upper
97 100
99 66.3 51.8 77.6
61 38.6 30.5 45.7

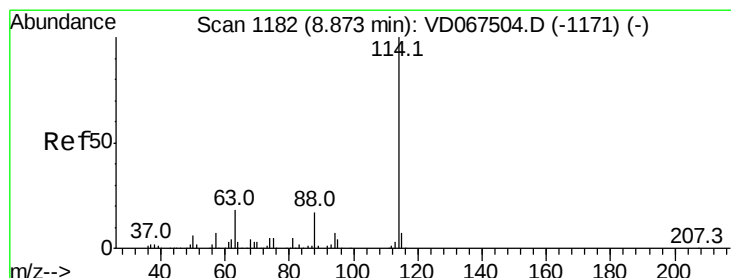
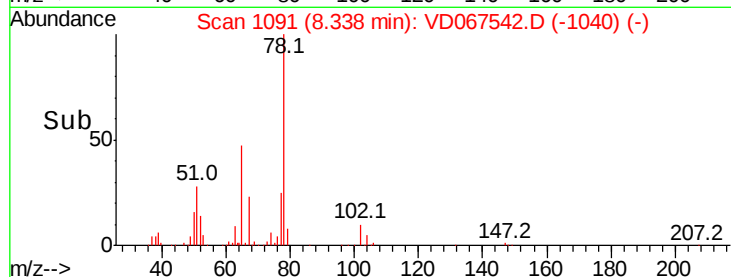
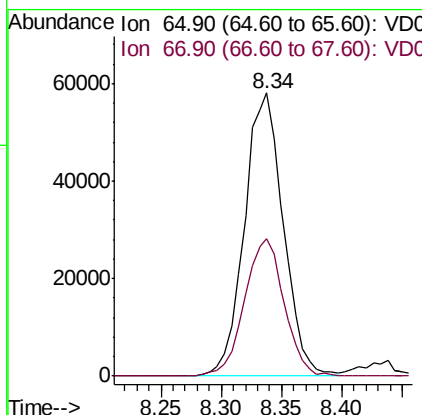
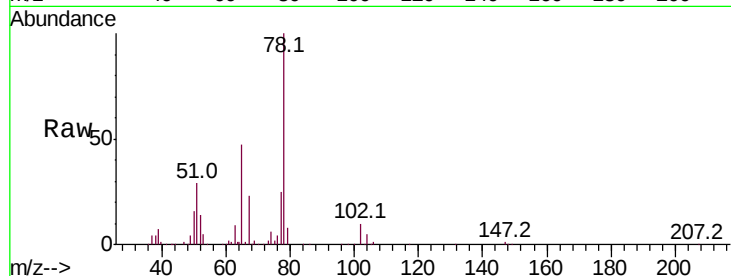




#33
 1,2-Dichloroethane-d4
 Concen: 46.266 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

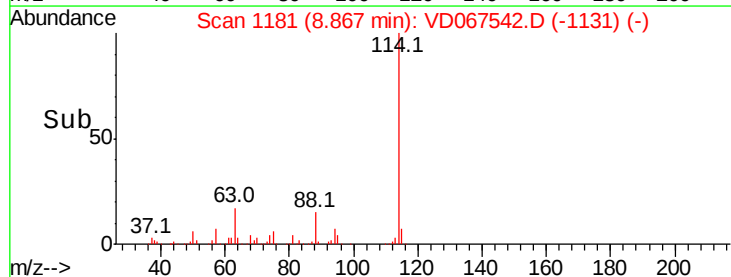
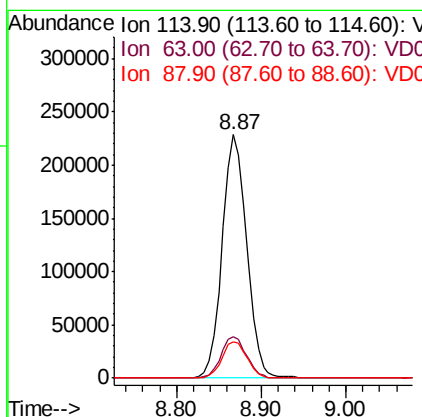
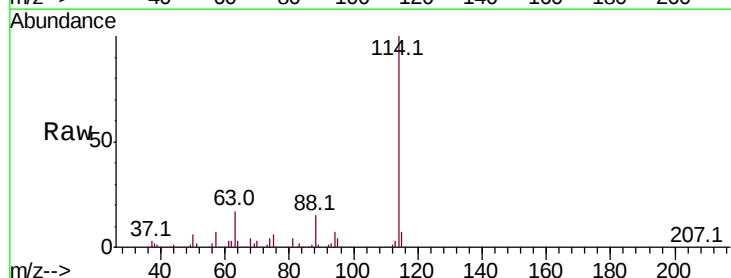
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

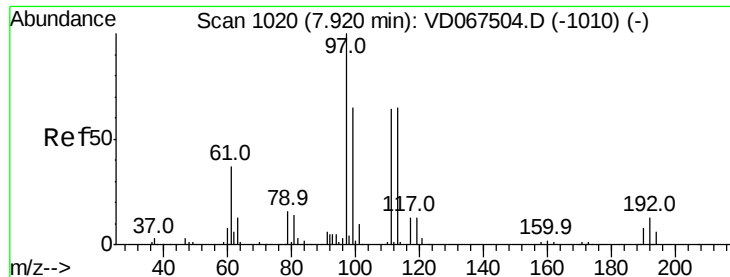
Tot Ion: 65 Resp: 129727
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Tgt Ion: 114 Resp: 460049
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 35.0
 88 15.0 0.0 33.0

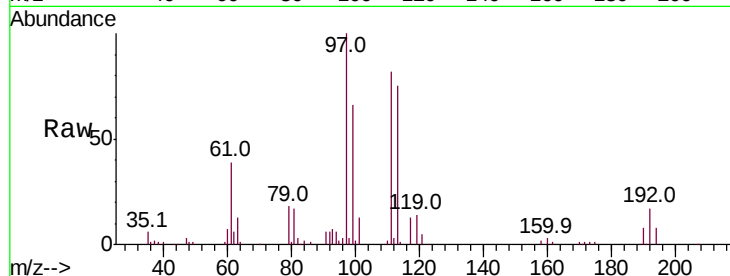




#35
 Dibromofluoromethane
 Concen: 47.954 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.0	120.0
192	20.5	16.3	24.5

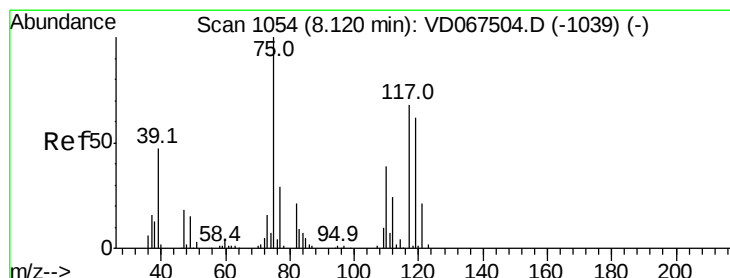
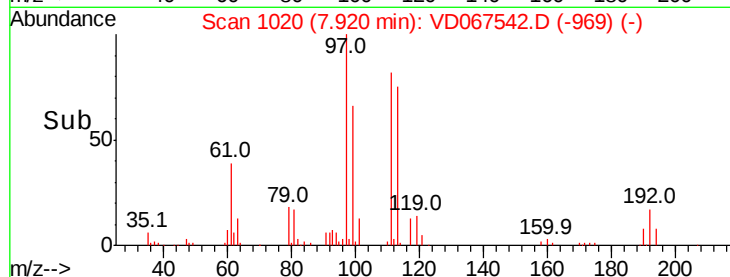
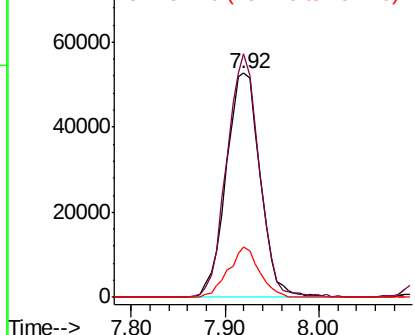


Abundance

Ion 112.80 (112.50 to 113.50): V

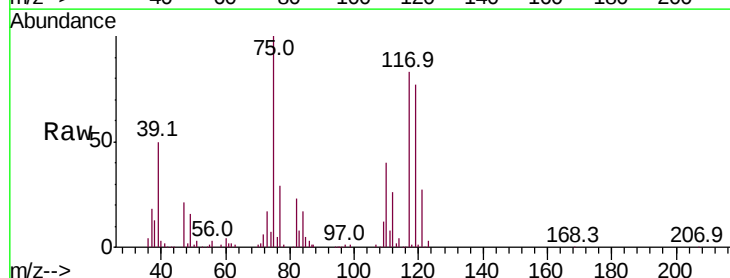
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 47.358 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	19.9	59.7
77	30.8	24.8	37.2

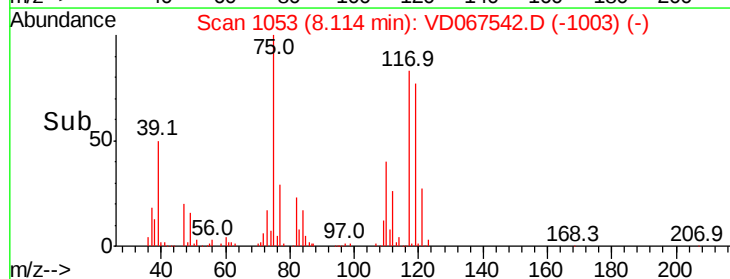
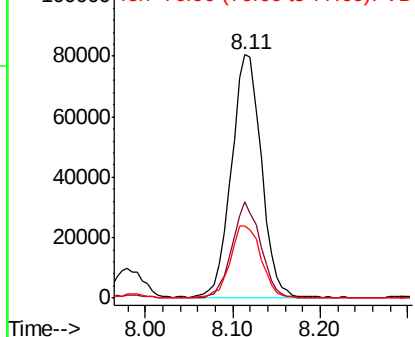


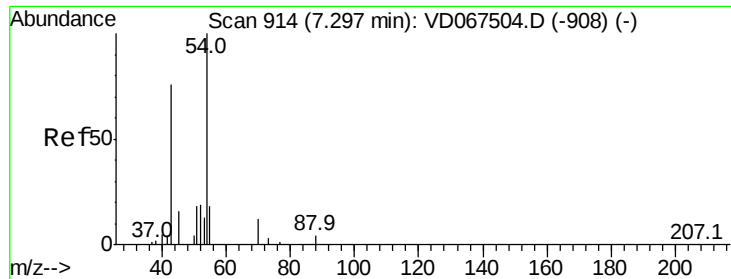
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 50.296 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

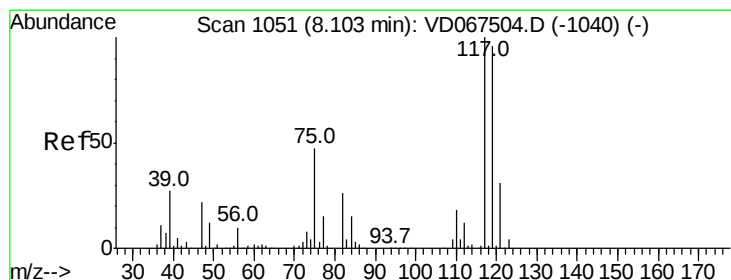
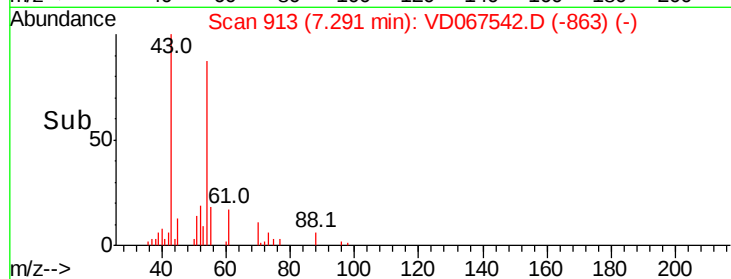
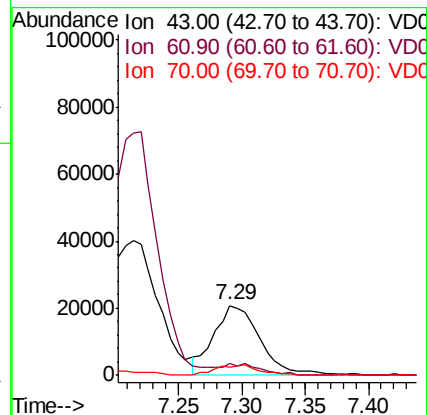
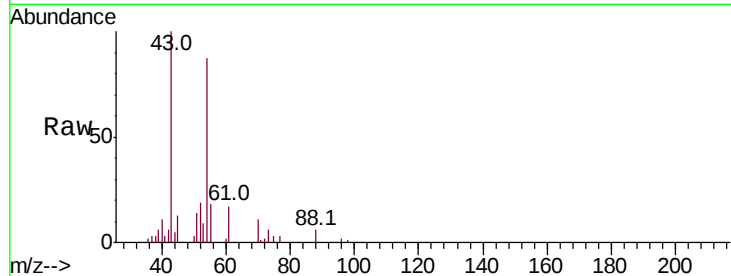
Tot Ion: 43 Resp: 51421

Ion Ratio Lower Upper

43 100

61 11.9 12.8 19.2#

70 14.9 11.7 17.5



#38

Carbon Tetrachloride

Concen: 48.776 ug/l

RT: 8.10 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

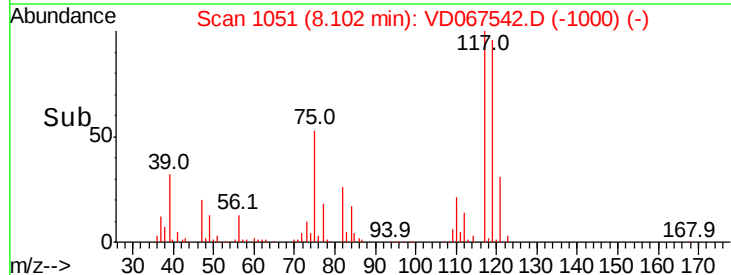
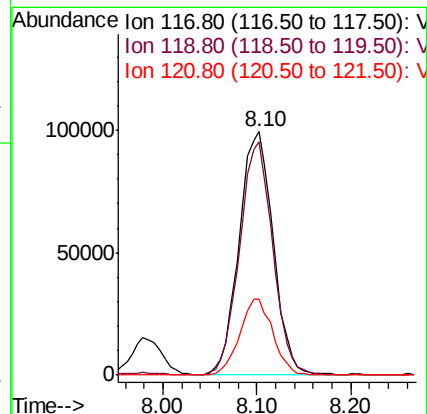
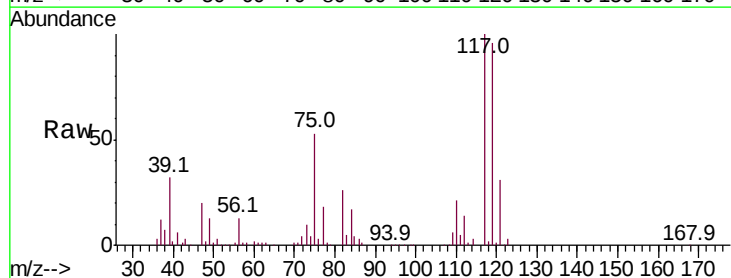
Tgt Ion: 117 Resp: 249559

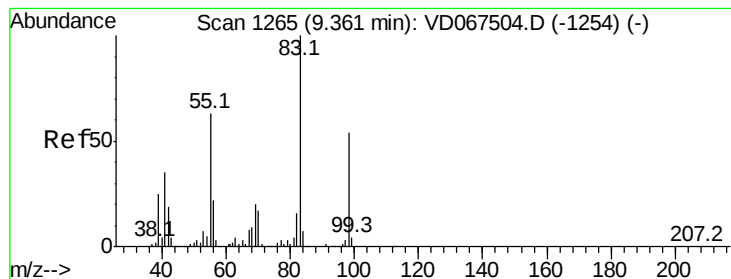
Ion Ratio Lower Upper

117 100

119 96.0 76.9 115.3

121 31.1 24.5 36.7





#39

Methvlcvclohexane

Concen: 47.612 ug/l

RT: 9.36 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

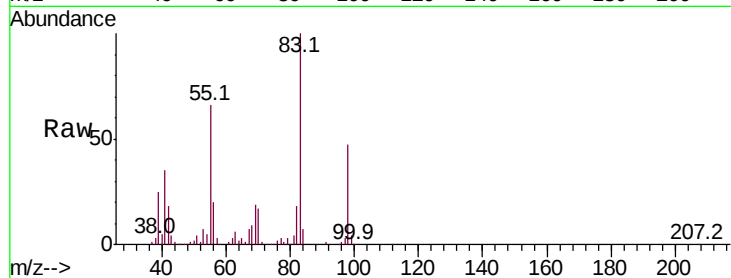
Tot Ion: 83 Resp: 220676

Ion Ratio Lower Upper

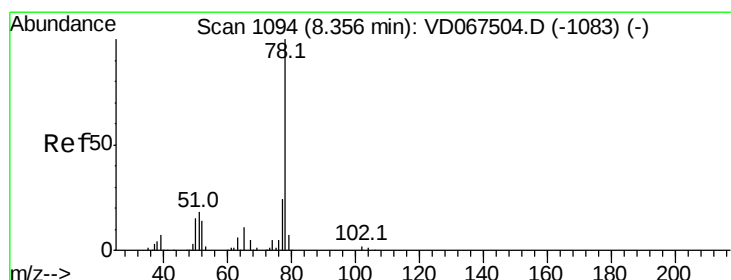
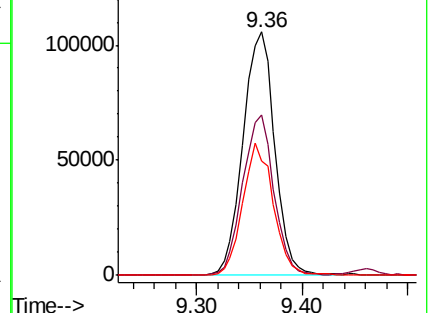
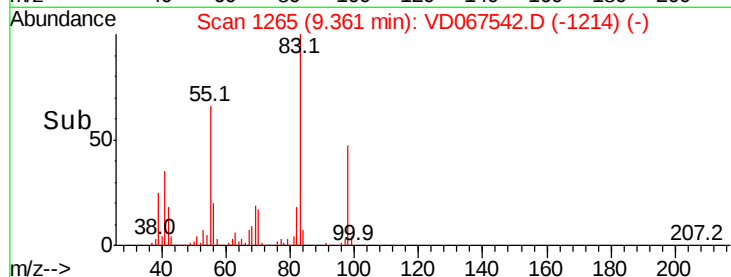
83 100

55 65.9 50.5 75.7

98 47.2 43.4 65.0



Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC



#40

Benzene

Concen: 48.026 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. -0.00 min

Lab File: VD067542.D

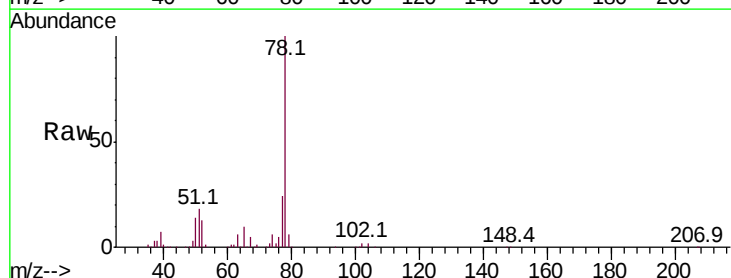
Acq: 05 Nov 2020 17:34

Tgt Ion: 78 Resp: 512297

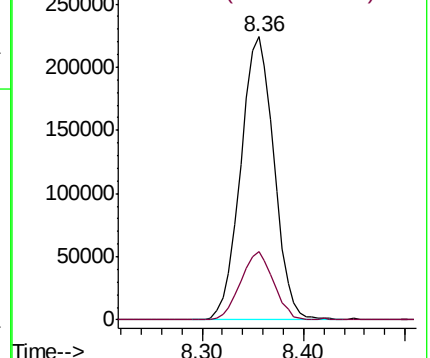
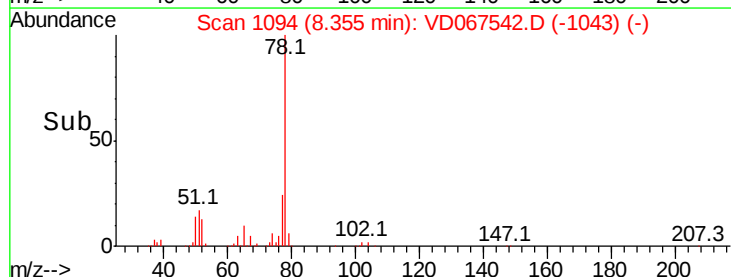
Ion Ratio Lower Upper

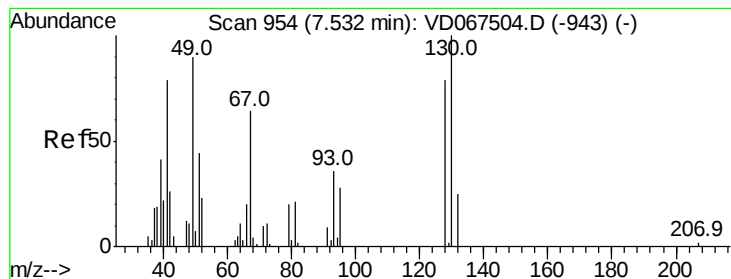
78 100

77 24.1 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 120.760 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.03 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 73798

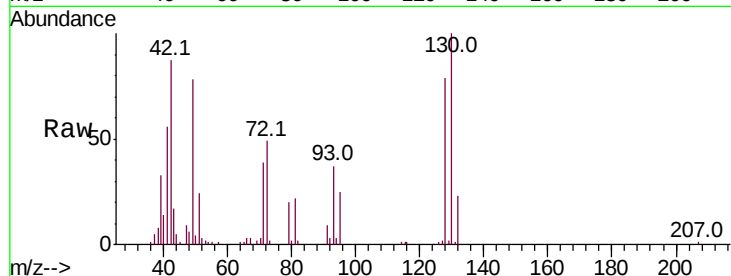
Ion Ratio Lower Upper

41 100

39 0.0 51.3 76.9#

67 0.0 78.9 118.3#

52 0.0 31.4 47.2#

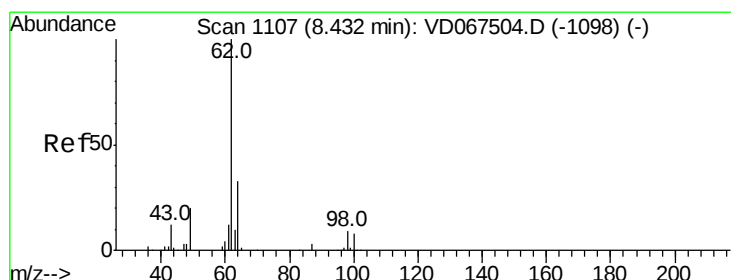
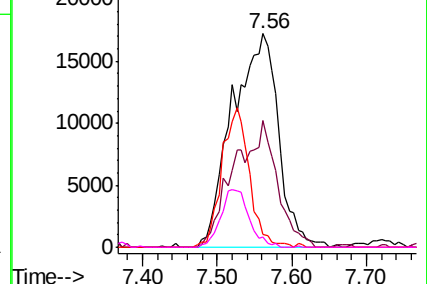
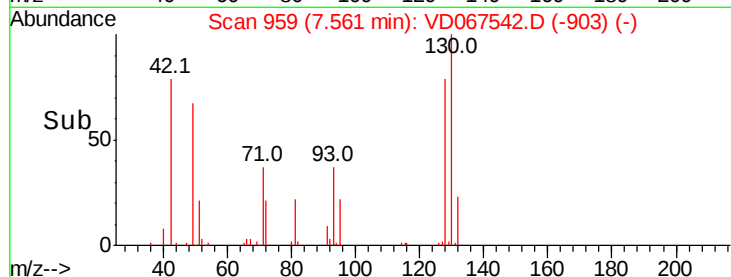


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 48.767 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067542.D

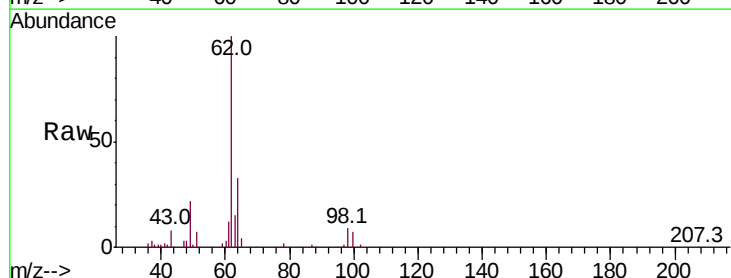
Acq: 05 Nov 2020 17:34

Tgt Ion: 62 Resp: 160723

Ion Ratio Lower Upper

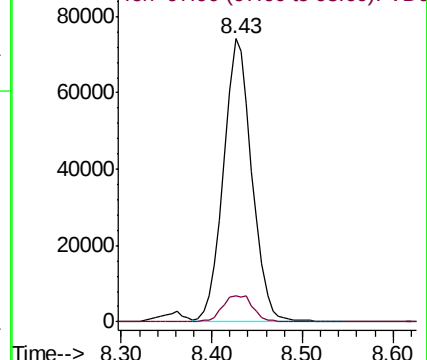
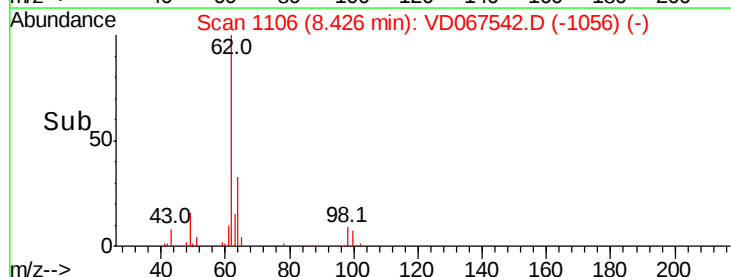
62 100

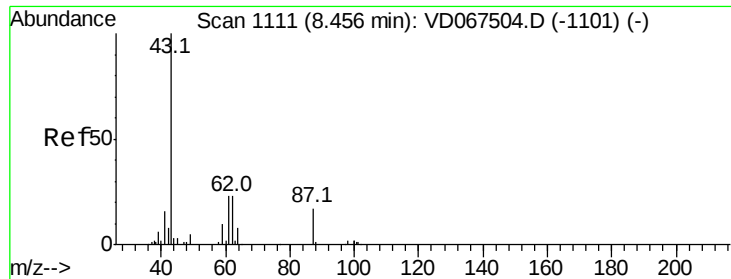
98 10.2 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 50.573 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

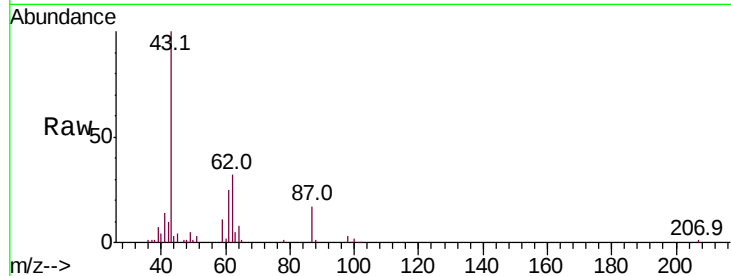
Tot Ion: 43 Resp: 102254

Ion Ratio Lower Upper

43 100

61 37.8 30.5 45.7

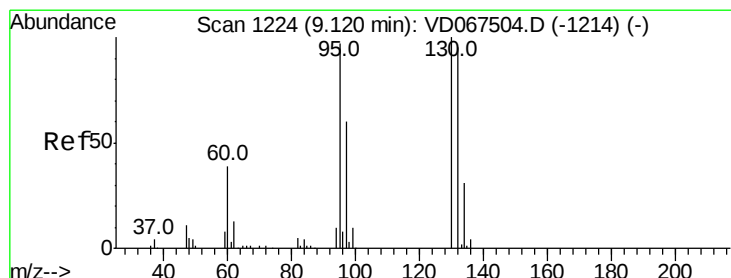
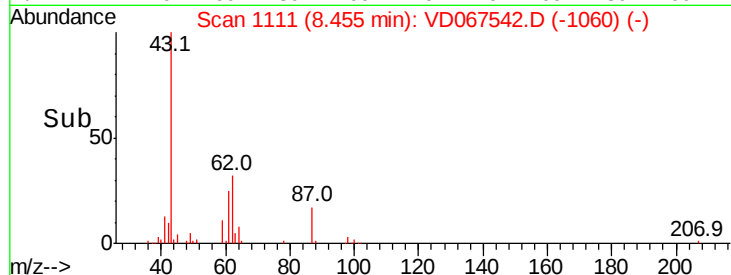
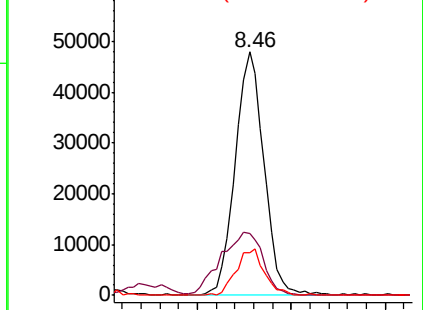
87 18.4 14.7 22.1



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: 48.465 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067542.D

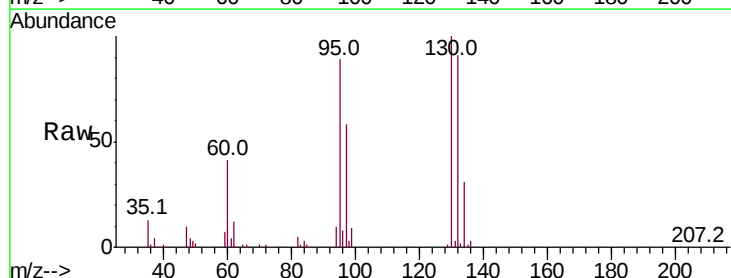
Acq: 05 Nov 2020 17:34

Tgt Ion:130 Resp: 169984

Ion Ratio Lower Upper

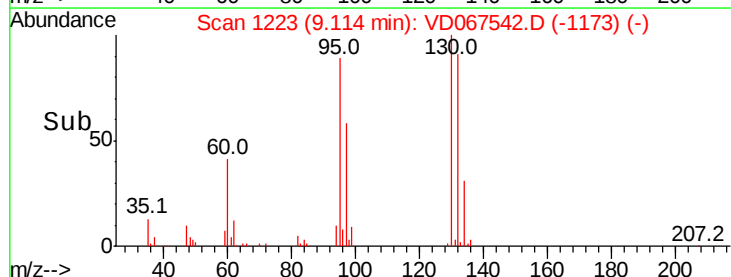
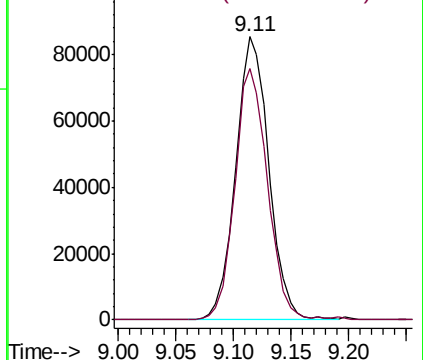
130 100

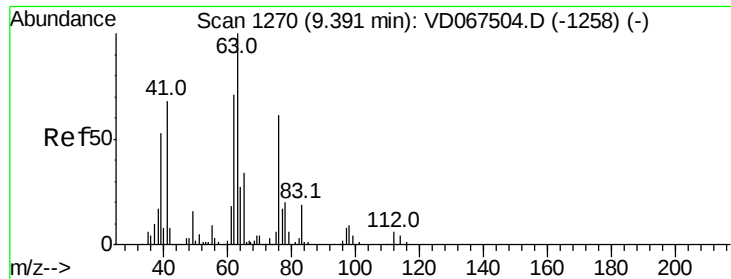
95 88.7 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

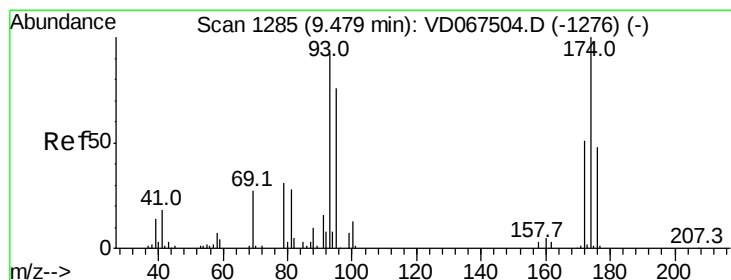
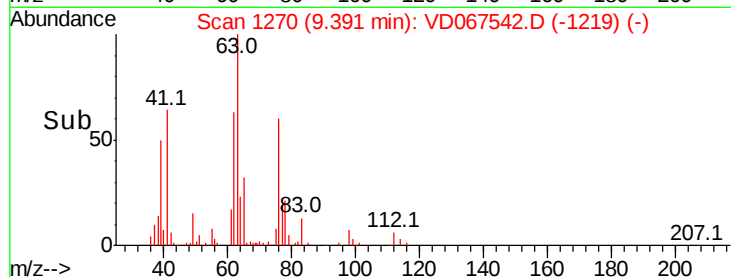
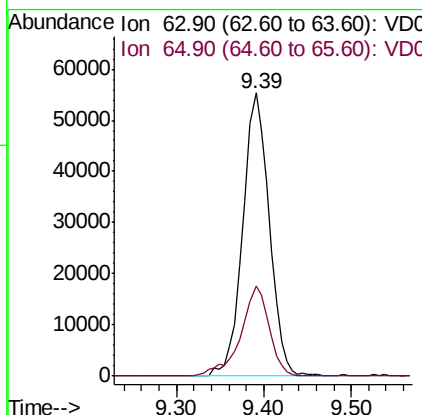
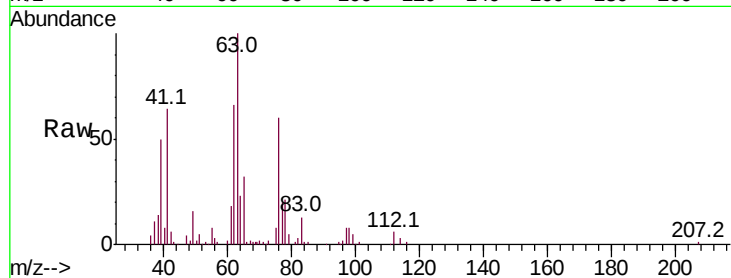




#45
 1,2-Dichloropropane
 Concen: 48.964 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

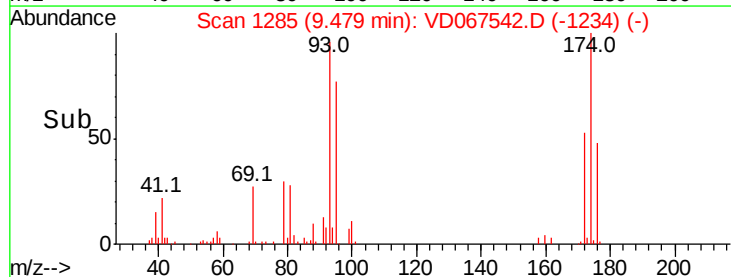
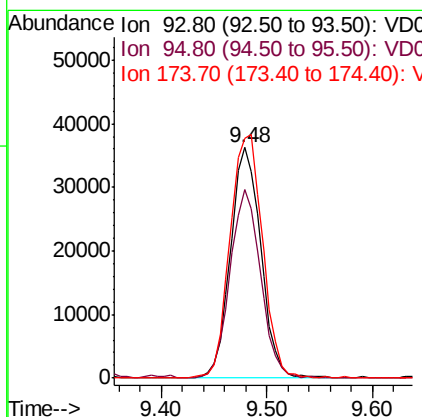
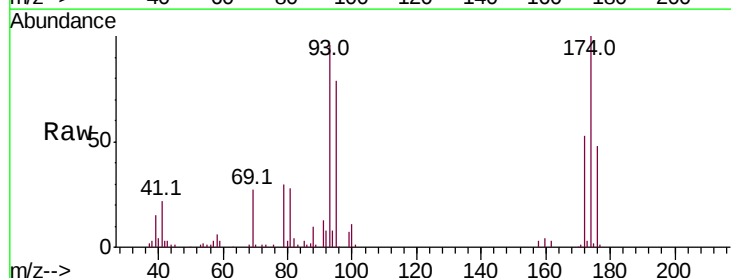
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

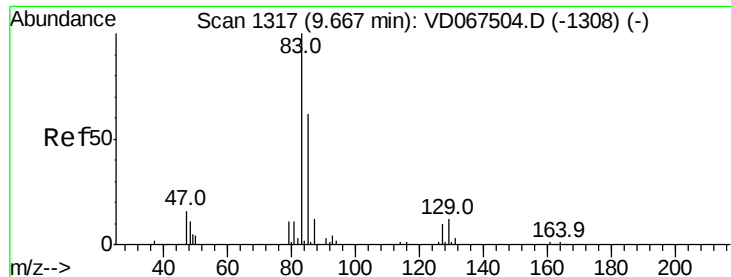
Tot Ion: 63 Resp: 112925
 Ion Ratio Lower Upper
 63 100
 65 31.9 26.9 40.3



#46
 Dibromomethane
 Concen: 49.102 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Tgt Ion: 93 Resp: 72002
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.4 99.6
 174 113.4 88.2 132.4





#47

Bromodichloromethane

Concen: 50.180 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

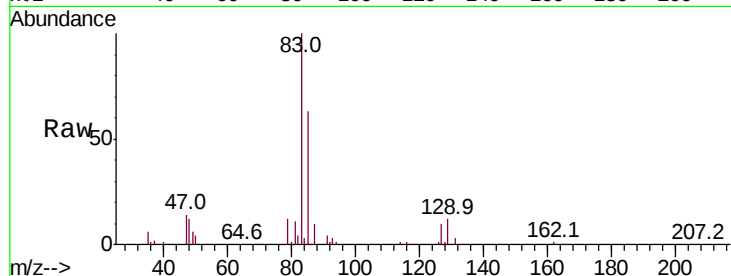
Tot Ion: 83 Resp: 200001

Ion Ratio Lower Upper

83 100

85 63.0 49.4 74.2

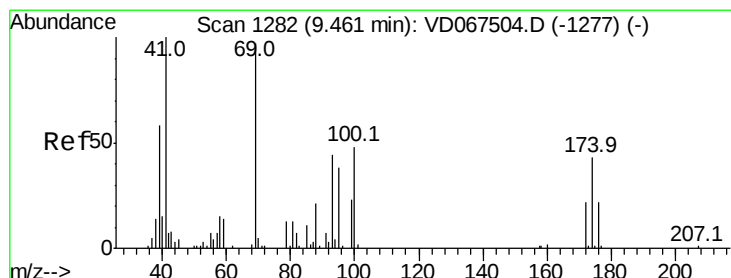
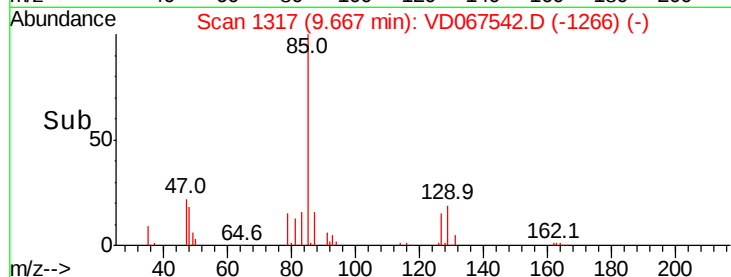
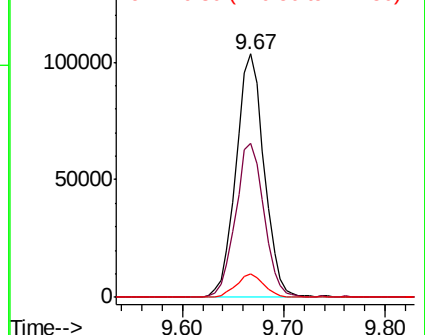
127 9.8 7.7 11.5



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: 47.878 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

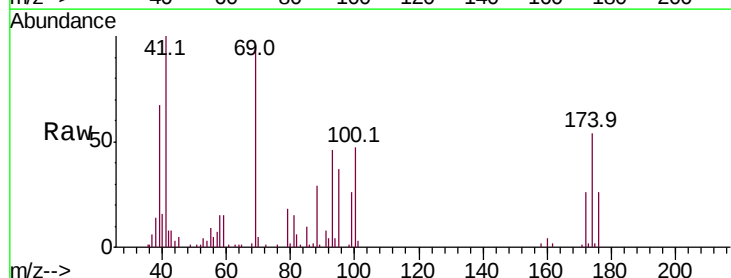
Tgt Ion: 41 Resp: 49983

Ion Ratio Lower Upper

41 100

69 108.0 80.6 121.0

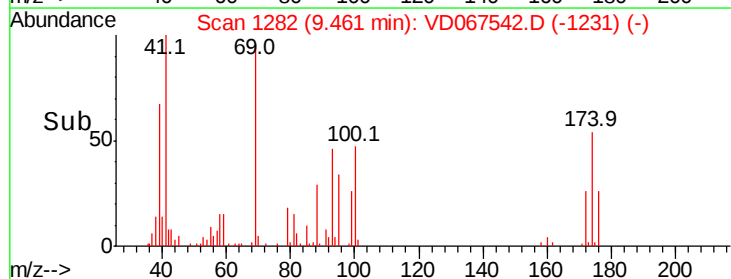
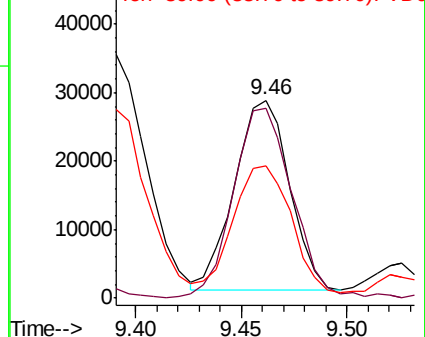
39 69.9 50.2 75.4

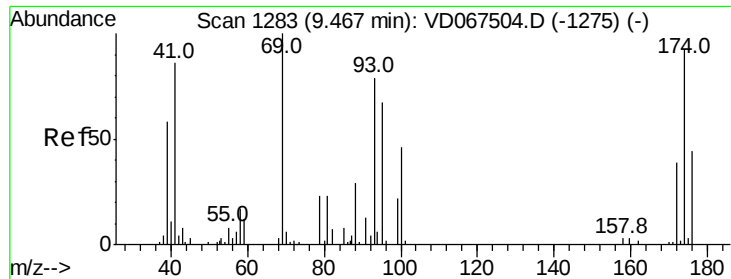


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 1075.010 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

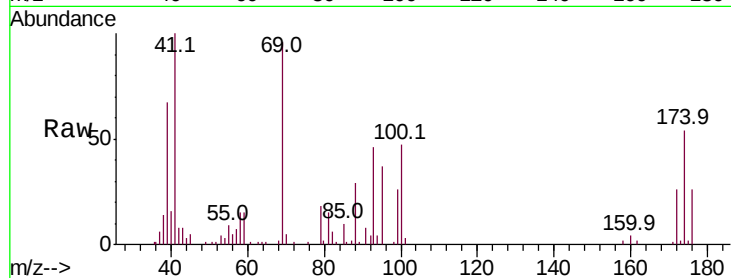
Tot Ion: 88 Resp: 16003

Ion Ratio Lower Upper

88 100

43 36.5 23.6 35.4#

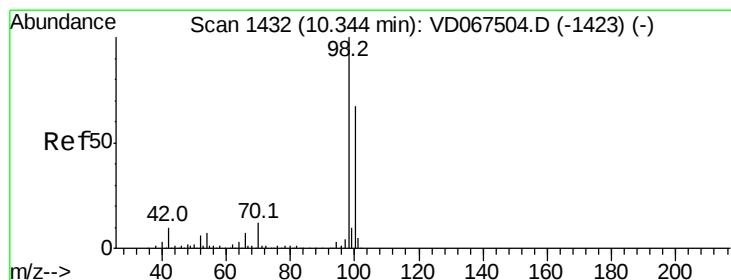
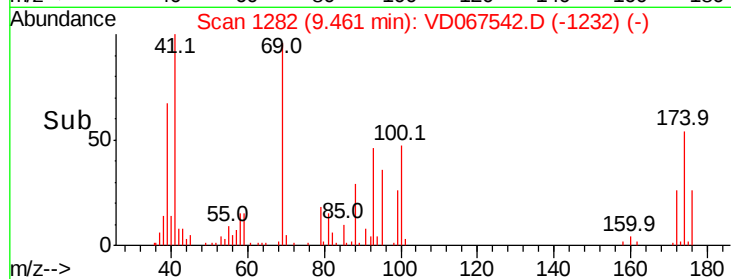
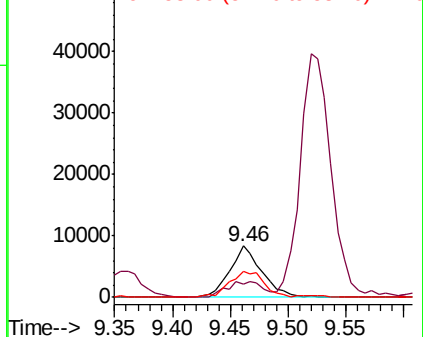
58 56.9 44.7 67.1



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 47.023 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067542.D

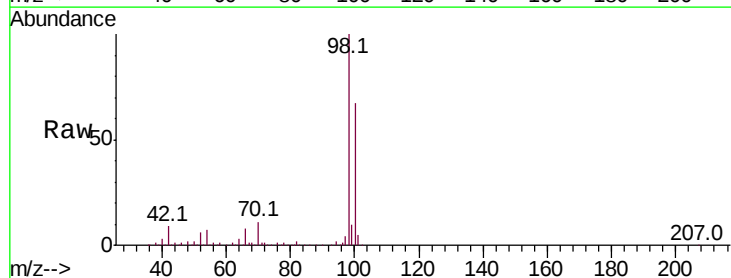
Acq: 05 Nov 2020 17:34

Tgt Ion: 98 Resp: 458039

Ion Ratio Lower Upper

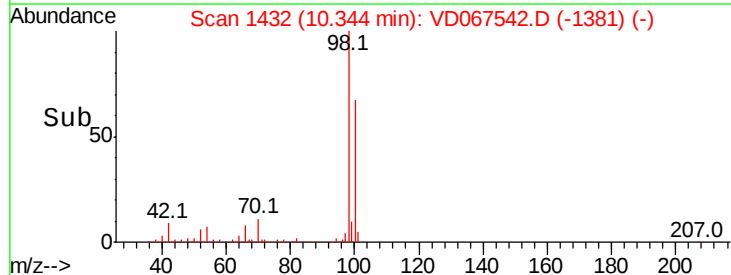
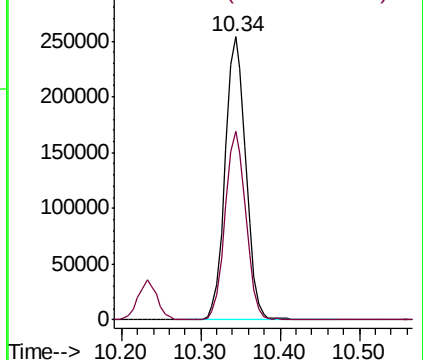
98 100

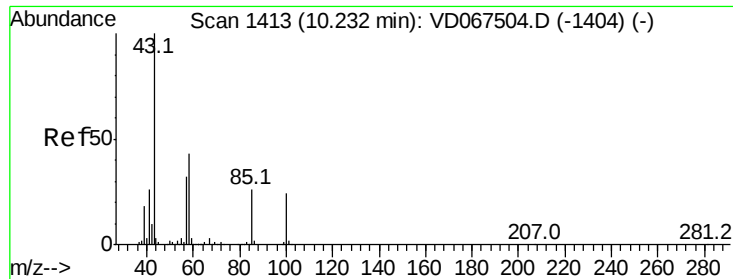
100 67.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 260.611 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

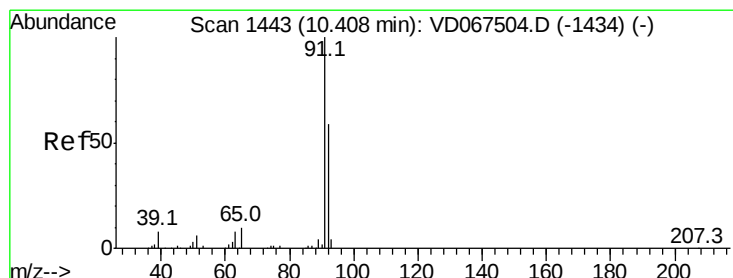
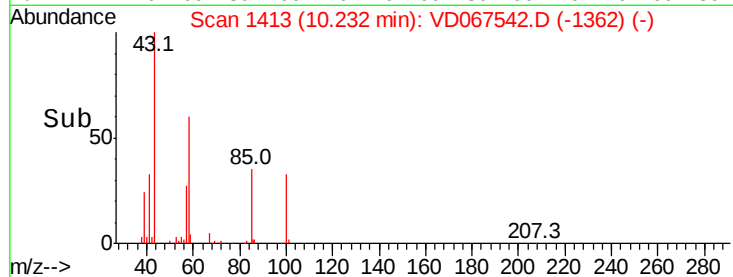
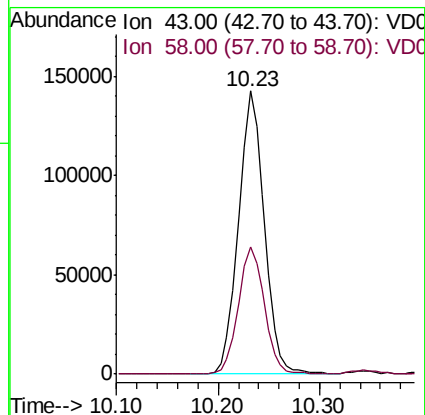
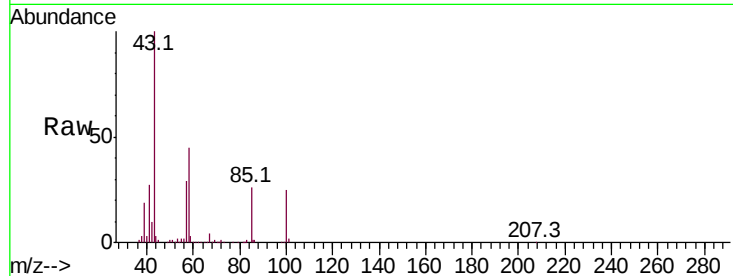
VSTDCCC050EC

Tot Ion: 43 Resp: 252008

Ion Ratio Lower Upper

43 100

58 45.3 35.6 53.4



#52

Toluene

Concen: 48.628 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067542.D

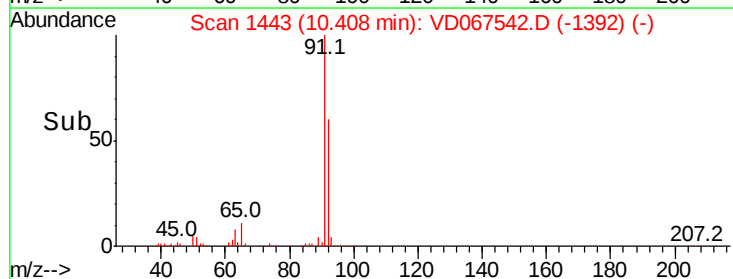
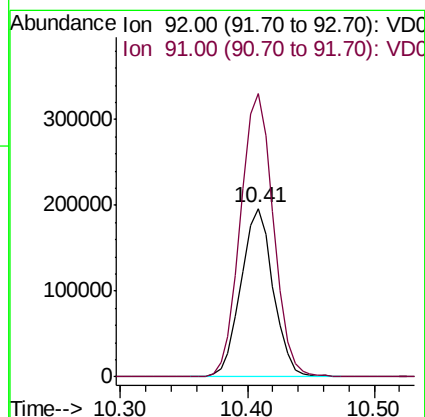
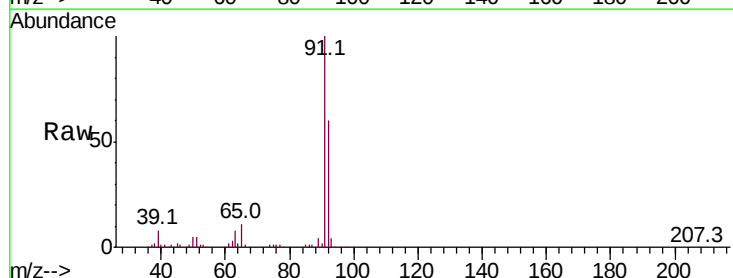
Acq: 05 Nov 2020 17:34

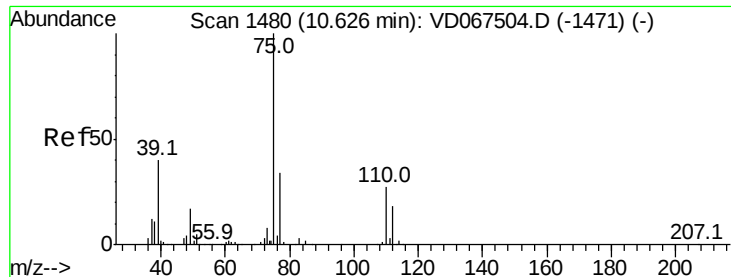
Tgt Ion: 92 Resp: 347433

Ion Ratio Lower Upper

92 100

91 171.8 137.0 205.6

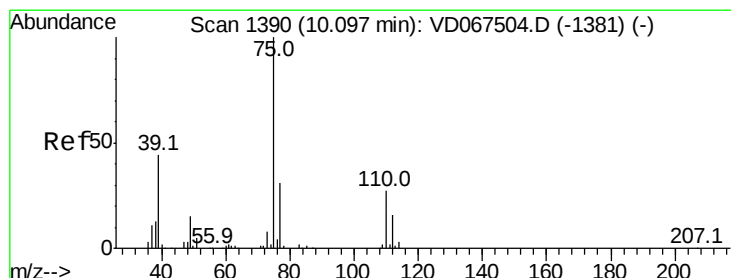
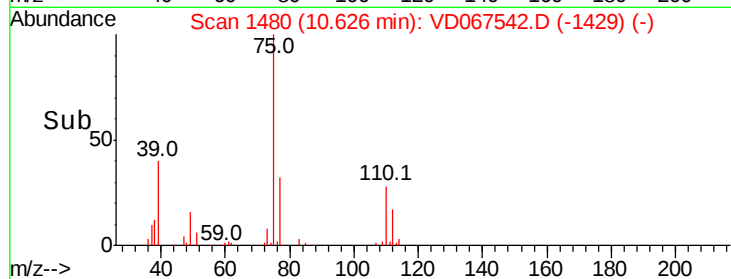
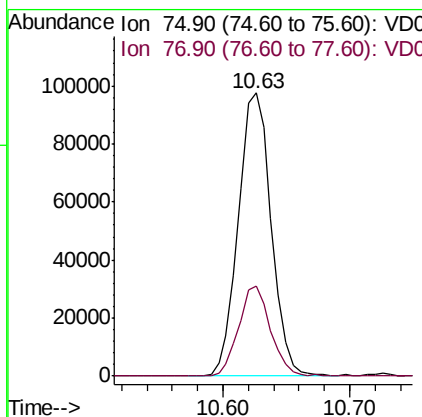
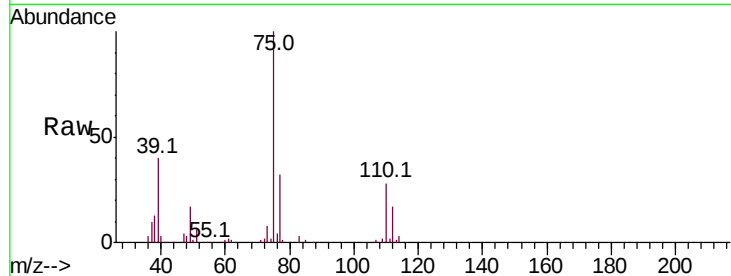




#53
t-1,3-Dichloropropene
Concen: 51.468 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

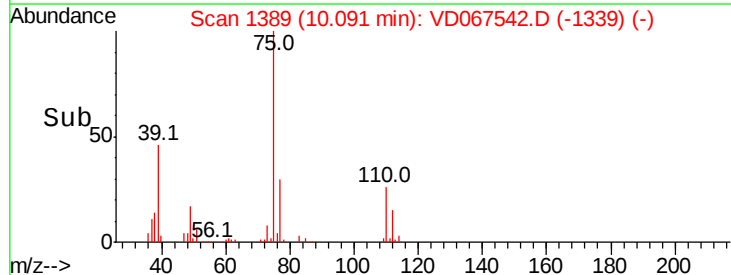
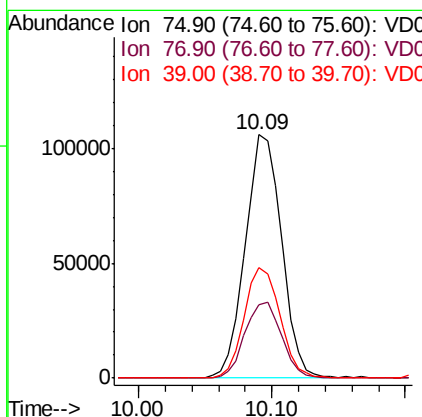
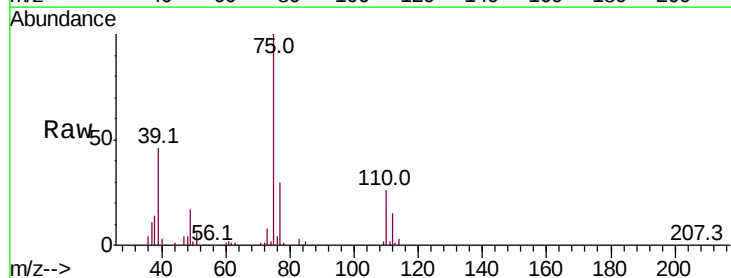
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

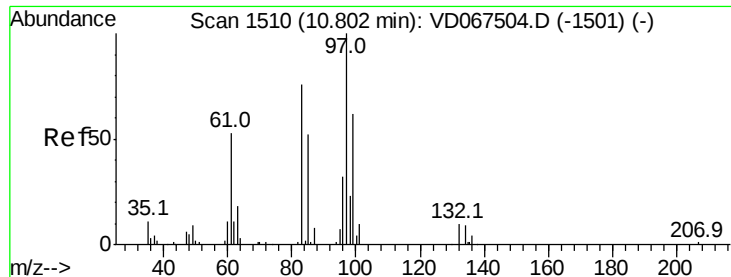
Tot Ion: 75 Resp: 175687
Ion Ratio Lower Upper
75 100
77 32.0 27.0 40.6



#54
cis-1,3-Dichloropropene
Concen: 49.012 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion: 75 Resp: 198775
Ion Ratio Lower Upper
75 100
77 29.9 24.4 36.6
39 45.6 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 49.532 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 96102

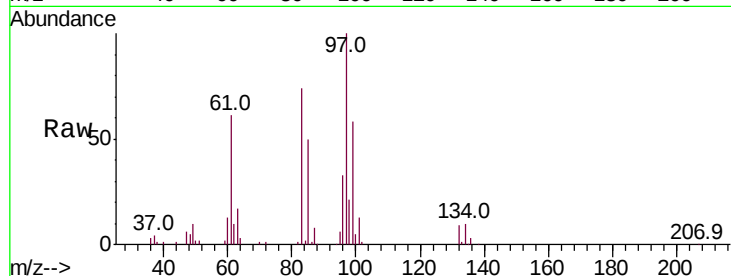
Ion Ratio Lower Upper

97 100

83 73.9 61.0 91.6

85 49.6 41.5 62.3

99 58.1 49.4 74.2

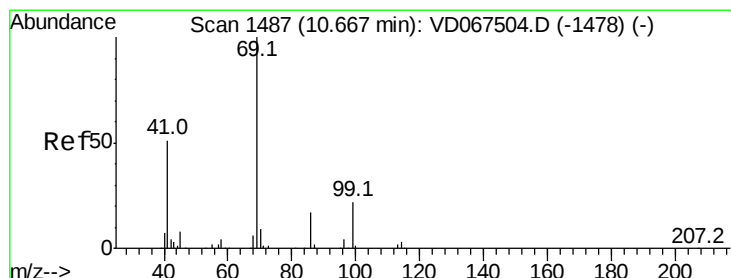
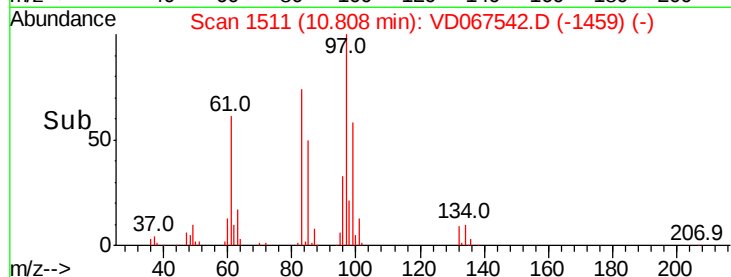
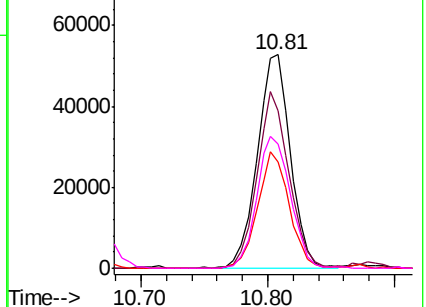


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 52.639 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

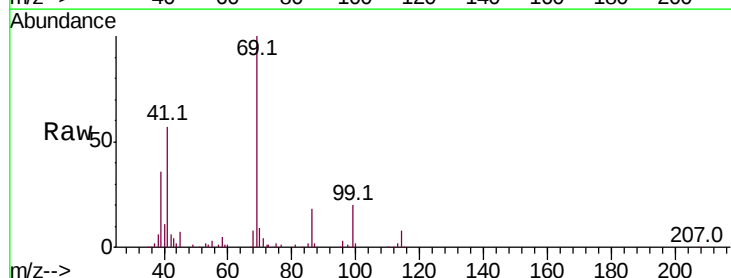
Tgt Ion: 69 Resp: 105467

Ion Ratio Lower Upper

69 100

41 52.1 45.4 68.0

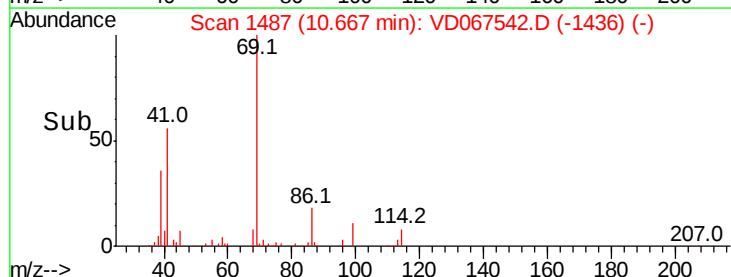
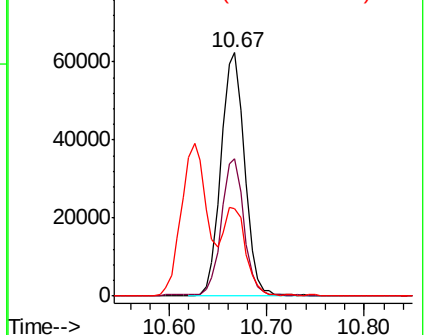
39 33.7 27.4 41.0

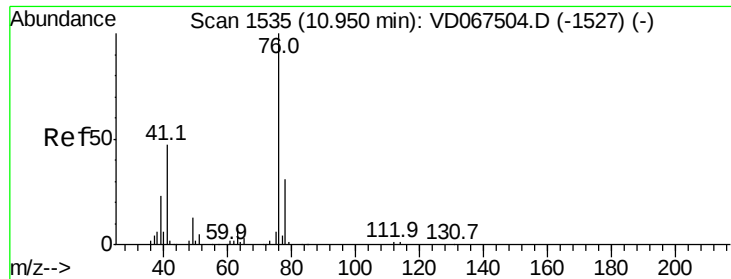


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

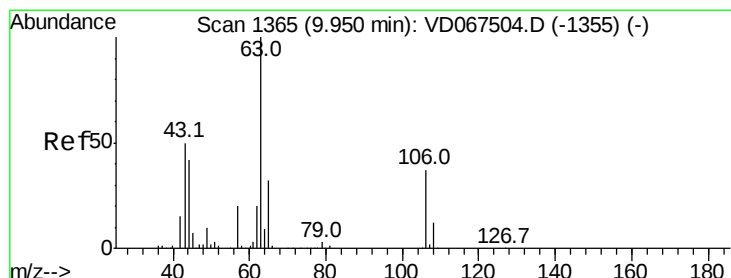
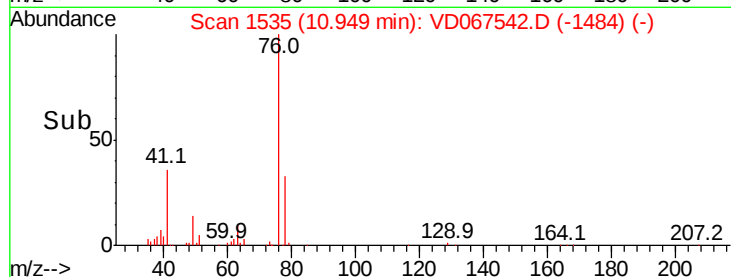
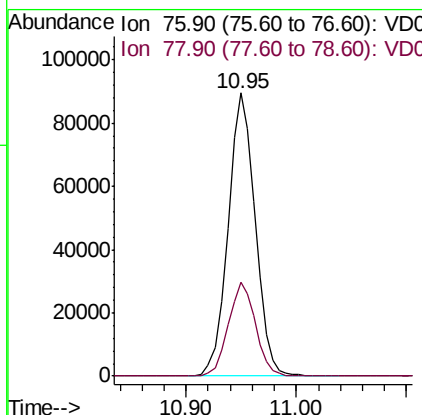
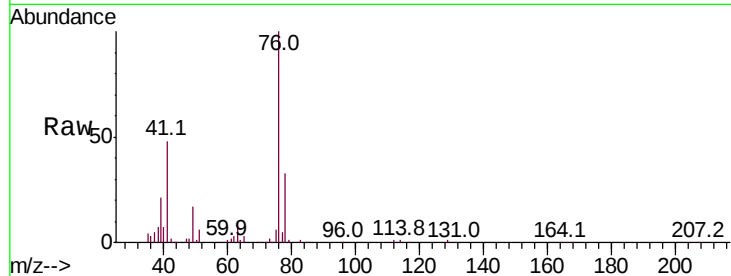




#57
 1,3-Dichloropropane
 Concen: 49.336 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

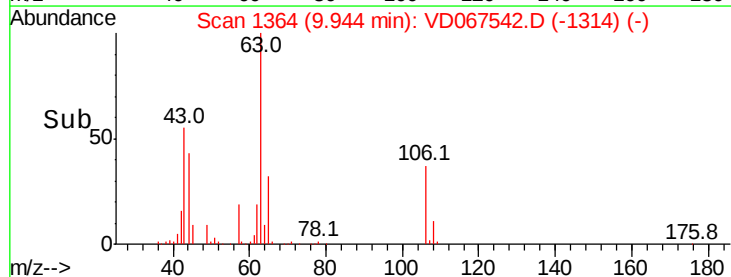
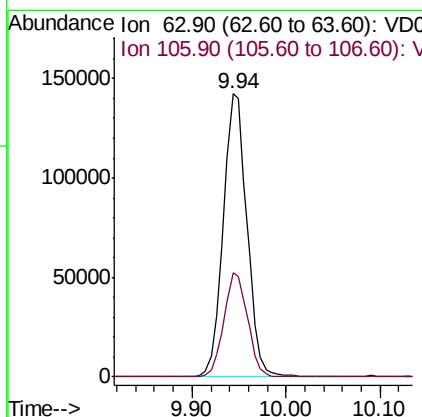
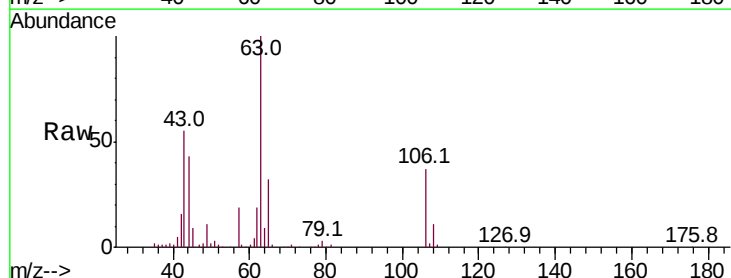
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

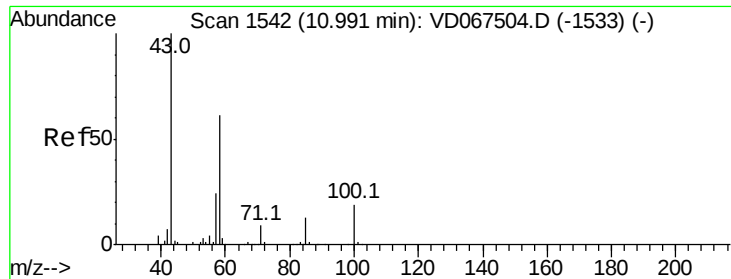
Tot Ion: 76 Resp: 154034
 Ion Ratio Lower Upper
 76 100
 78 33.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.952 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Tgt Ion: 63 Resp: 250357
 Ion Ratio Lower Upper
 63 100
 106 36.8 29.2 43.8

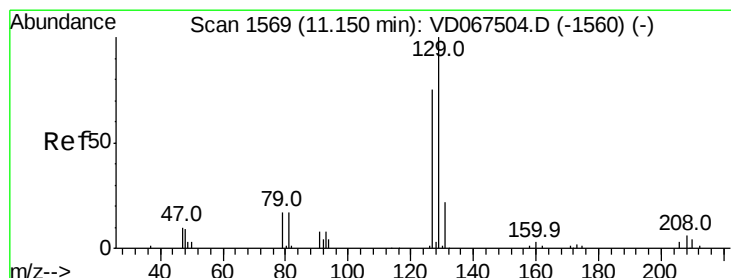
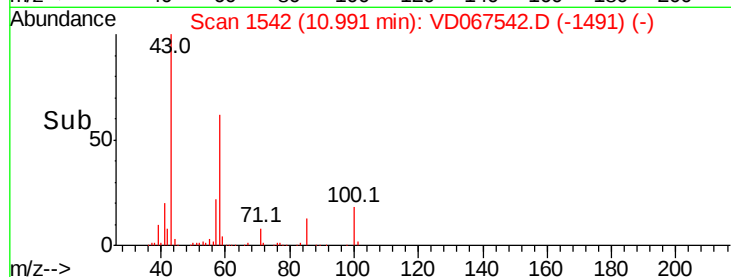
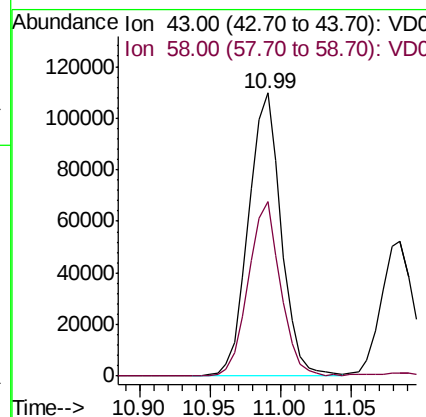
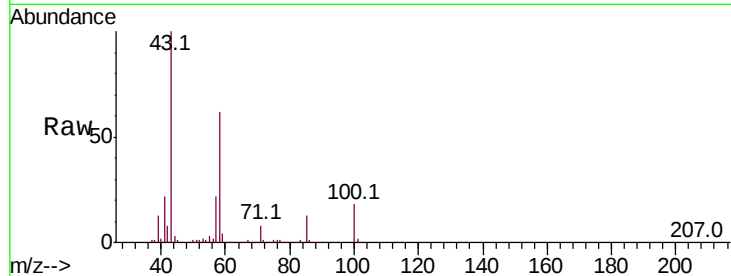




#59
2-Hexanone
Concen: 264.878 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

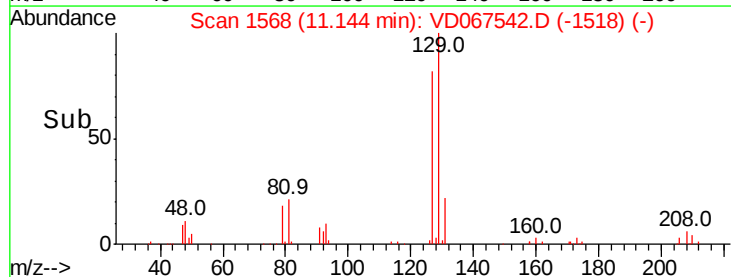
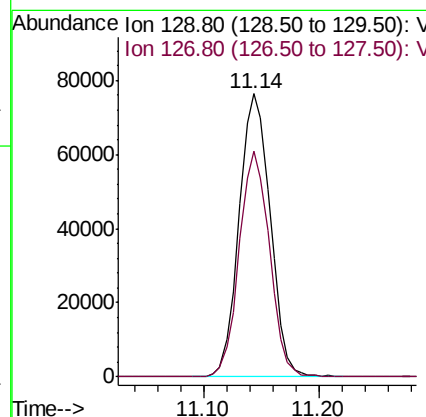
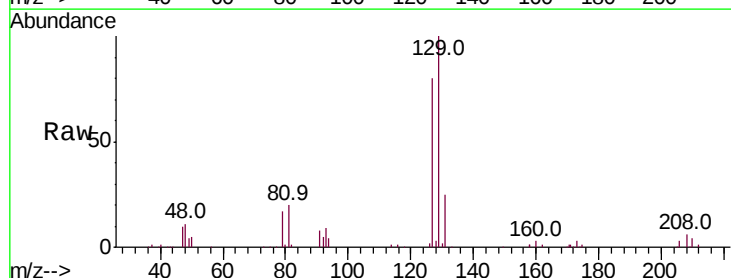
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

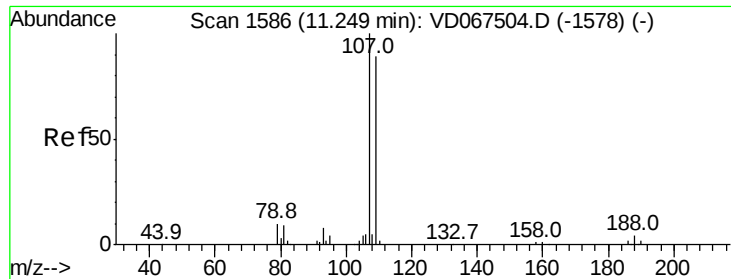
Tot Ion: 43 Resp: 179089
Ion Ratio Lower Upper
43 100
58 60.4 30.3 90.9



#60
Dibromochloromethane
Concen: 49.743 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion: 129 Resp: 142767
Ion Ratio Lower Upper
129 100
127 77.7 38.0 114.1





#61

1,2-Dibromoethane

Concen: 50.930 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

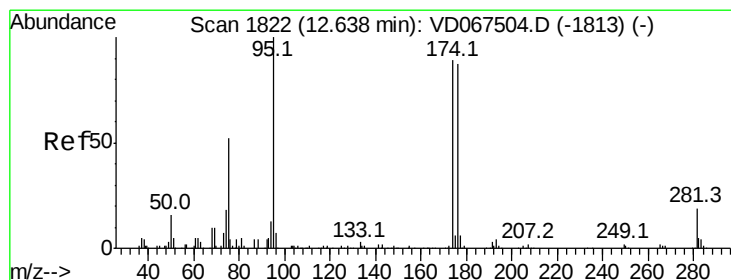
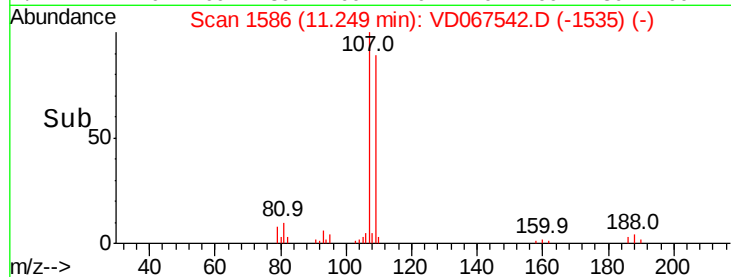
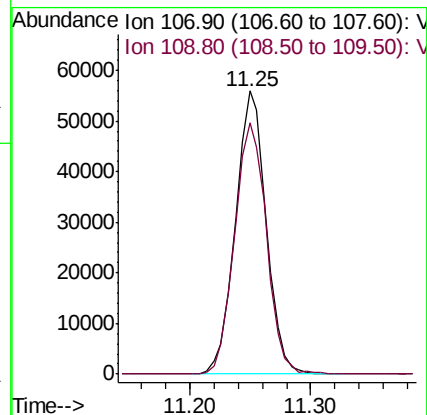
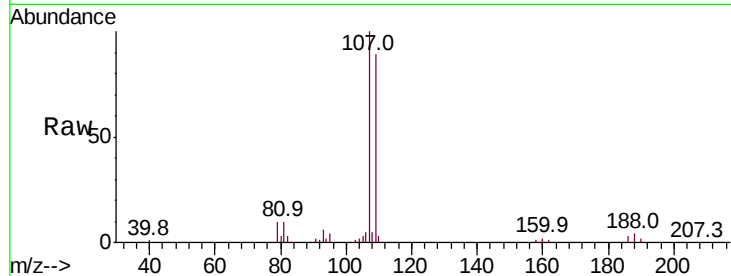
VSTDCCC050EC

Tot Ion:107 Resp: 99174

Ion Ratio Lower Upper

107 100

109 92.1 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 49.553 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

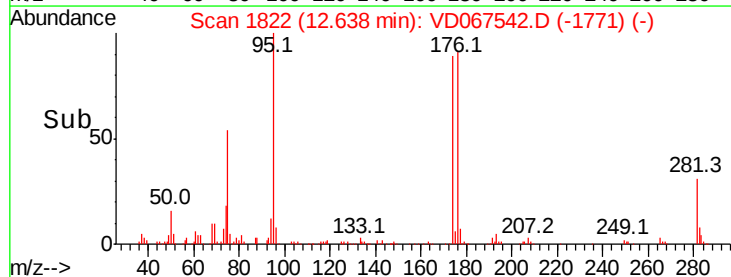
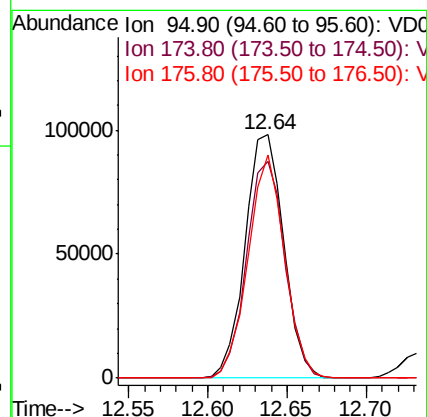
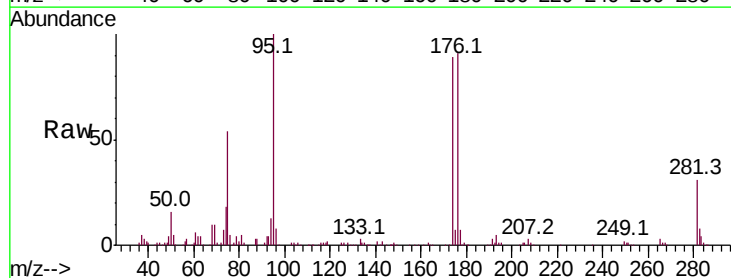
Tgt Ion: 95 Resp: 166644

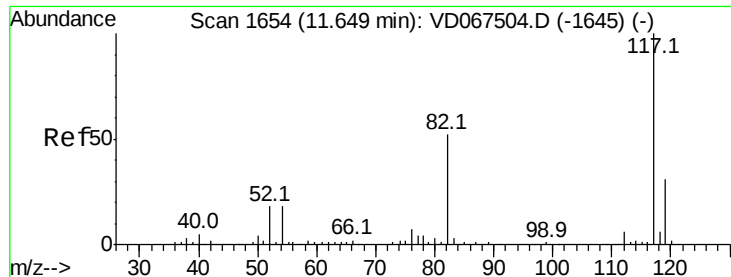
Ion Ratio Lower Upper

95 100

174 88.4 0.0 177.8

176 86.1 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

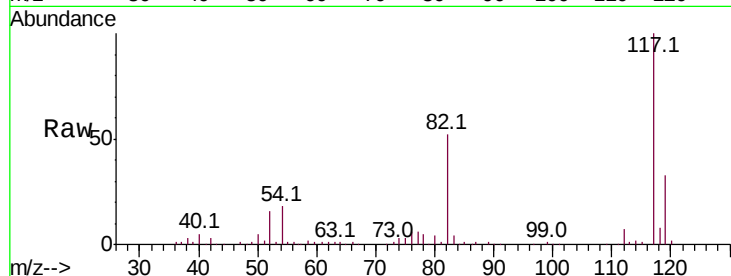
Tot Ion:117 Resp: 422040

Ion Ratio Lower Upper

117 100

82 51.9 41.6 62.4

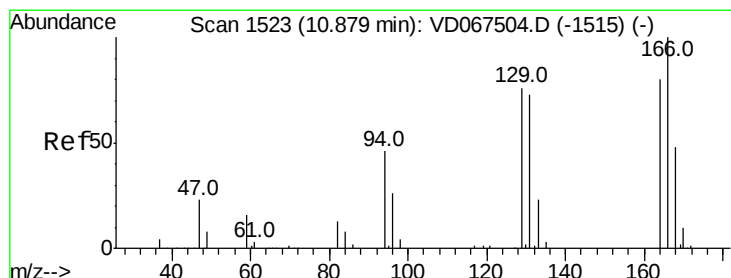
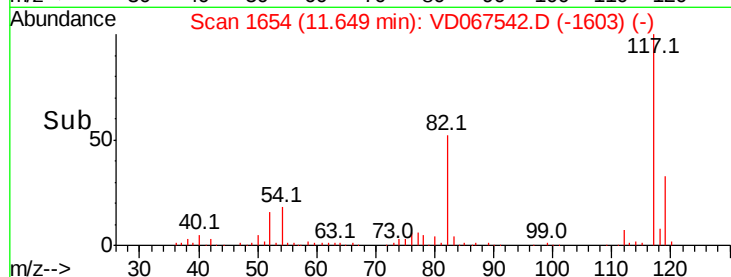
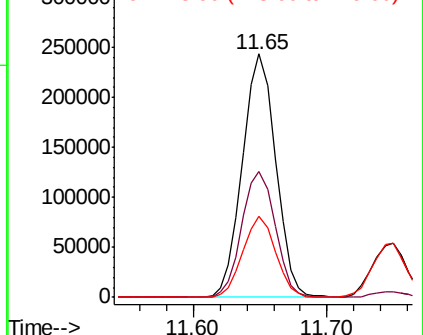
119 33.1 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 46.761 ug/l

RT: 10.88 min Scan# 1523

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Tgt Ion:164 Resp: 146157

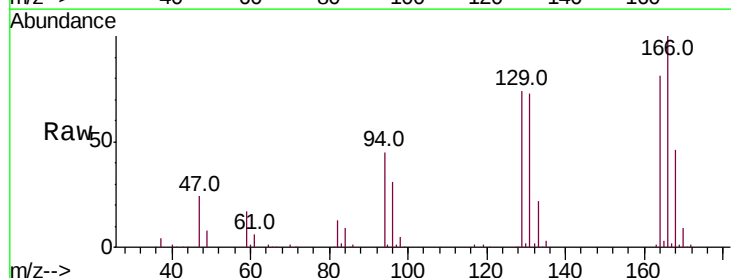
Ion Ratio Lower Upper

164 100

166 123.8 99.9 149.9

129 91.5 75.5 113.3

131 90.8 73.4 110.0

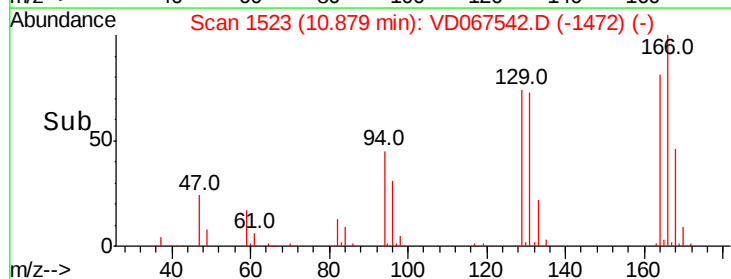
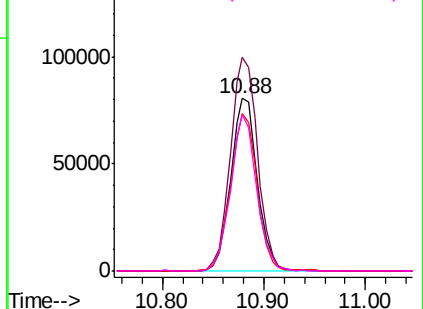


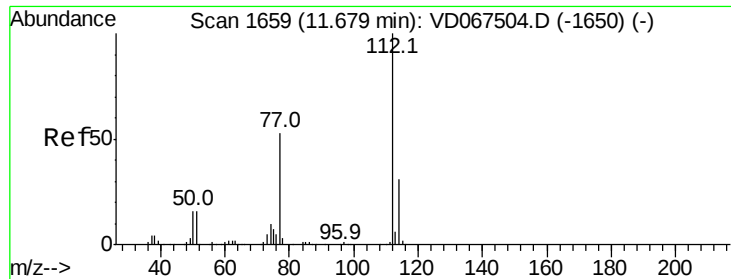
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

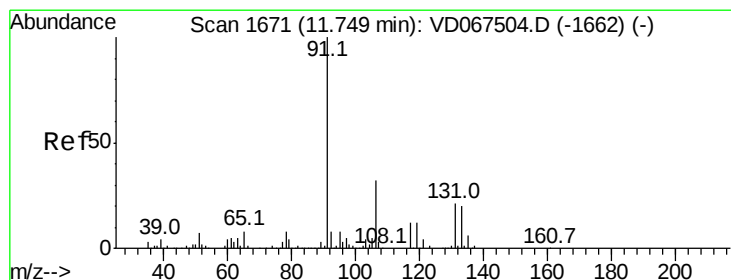
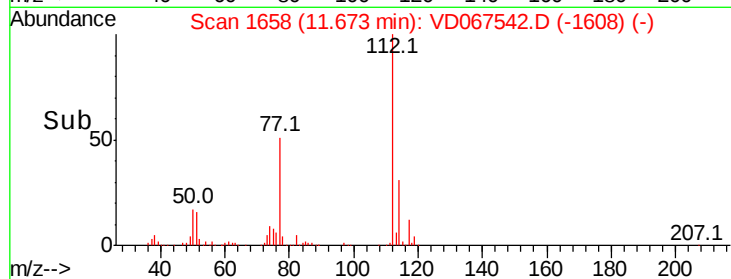
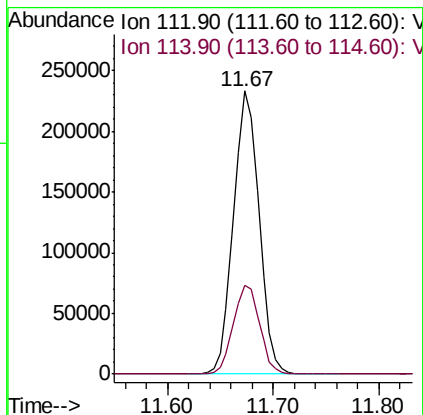
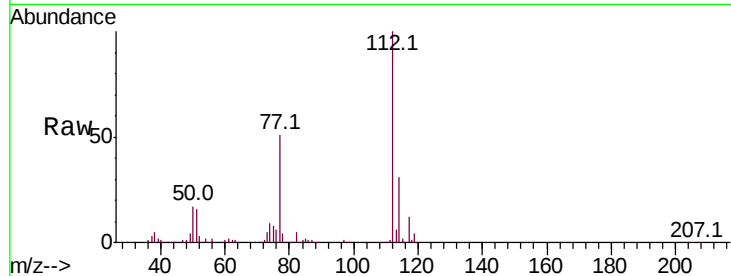




#65
Chlorobenzene
Concen: 47.915 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

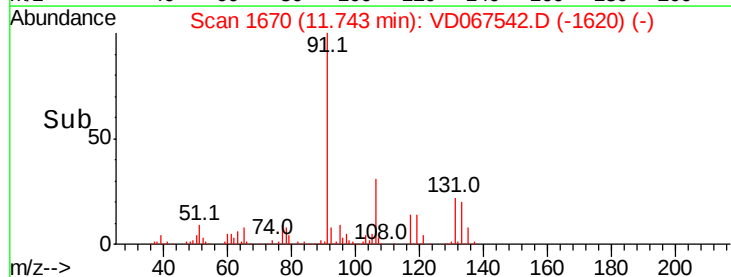
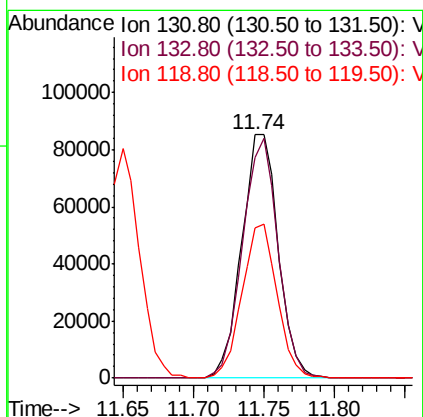
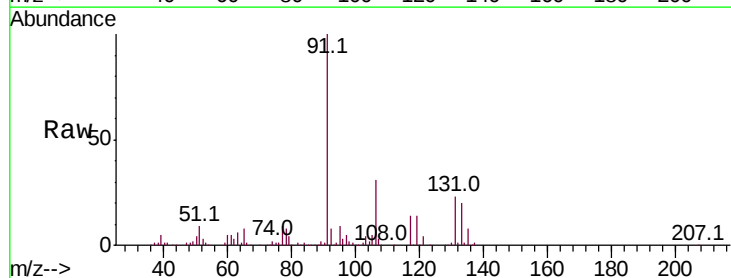
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

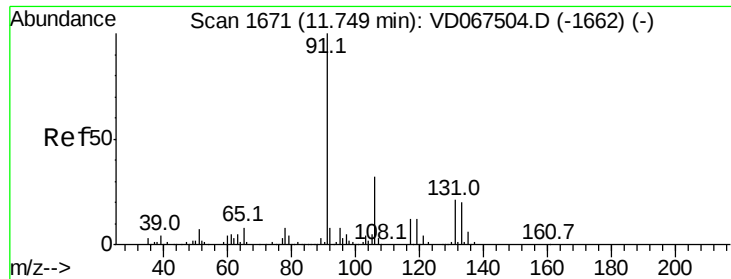
Tot Ion:112 Resp: 389533
Ion Ratio Lower Upper
112 100
114 31.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.321 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion:131 Resp: 154829
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.0
119 61.1 30.1 90.5





#67

Ethyl Benzene

Concen: 49.241 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

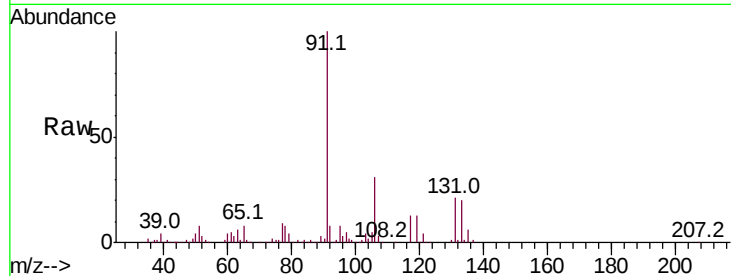
VSTDCCC050EC

Tot Ion: 91 Resp: 685011

Ion Ratio Lower Upper

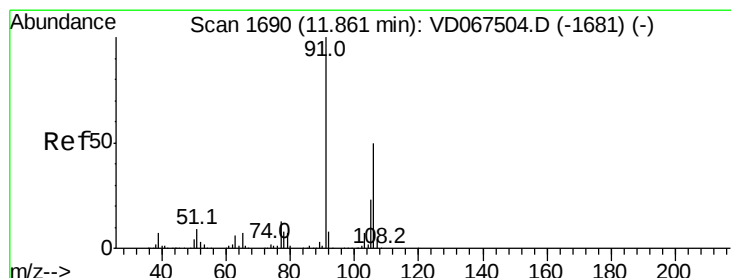
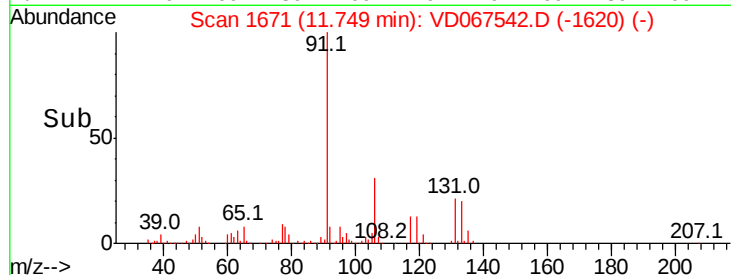
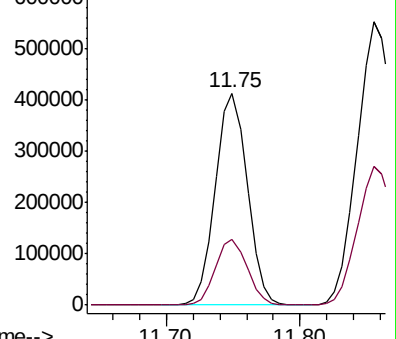
91 100

106 31.1 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 97.128 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067542.D

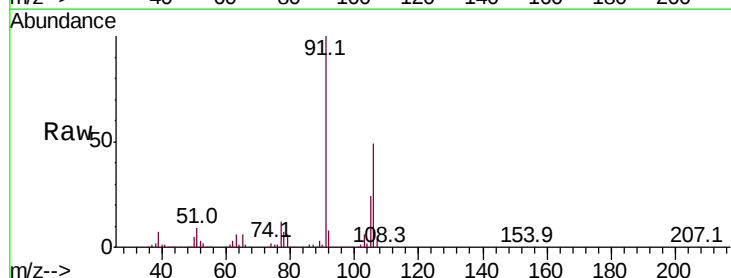
Acq: 05 Nov 2020 17:34

Tgt Ion: 106 Resp: 525674

Ion Ratio Lower Upper

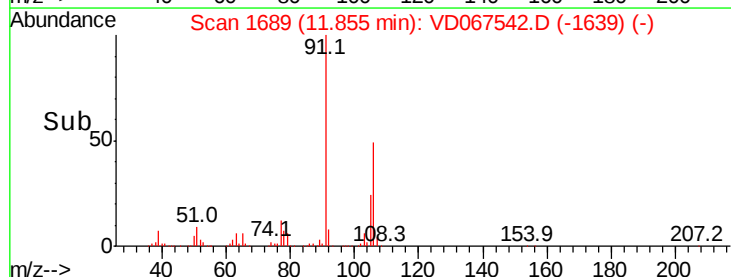
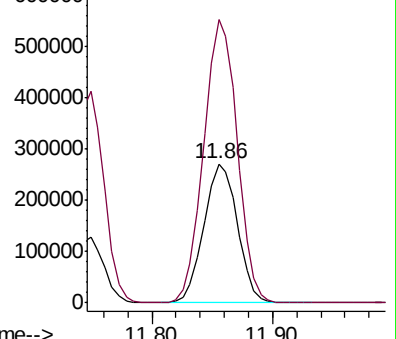
106 100

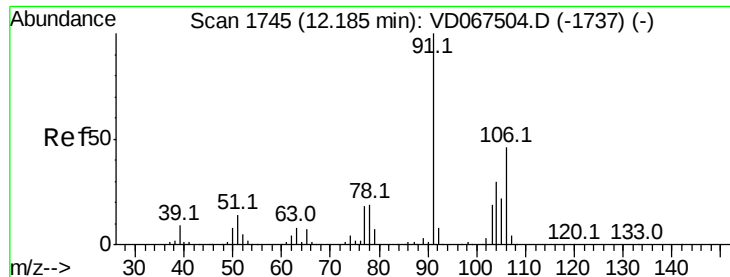
91 203.5 162.6 244.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

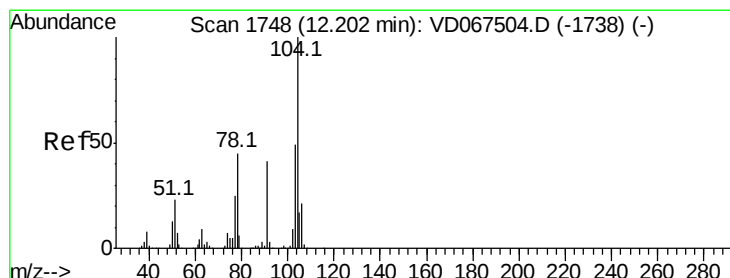
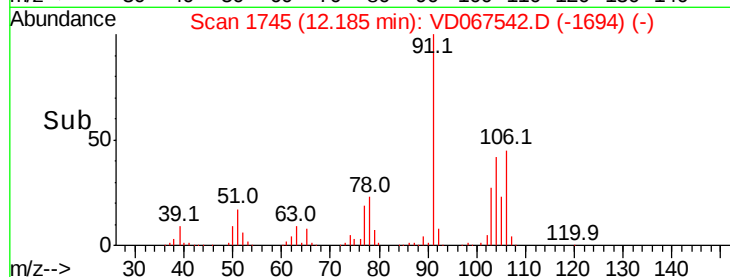
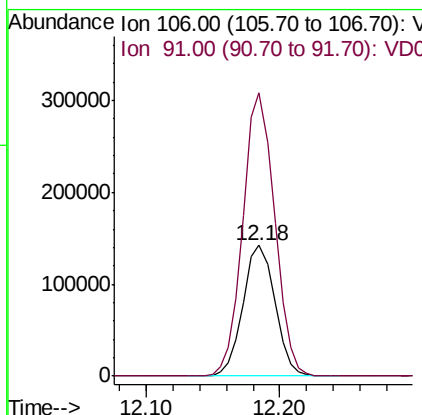
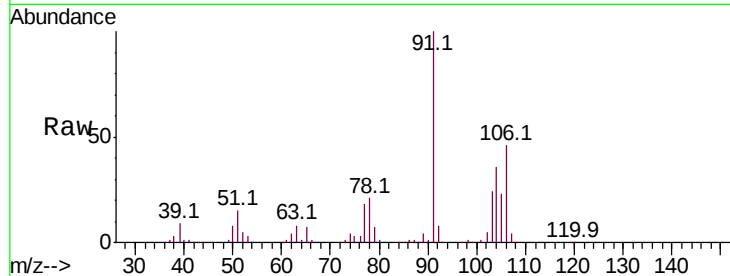




#69
o-Xylene
Concen: 48.786 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

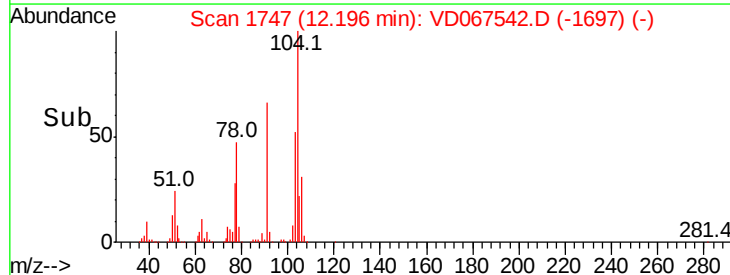
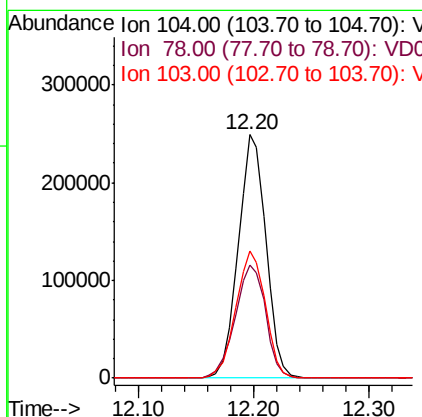
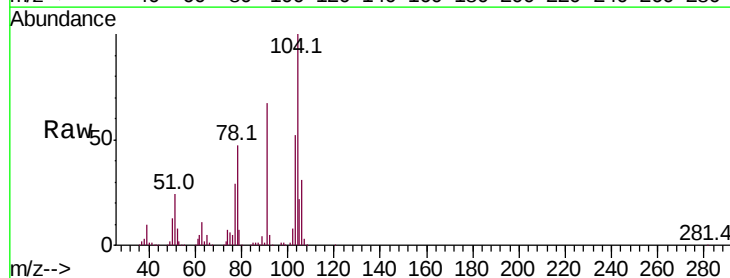
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

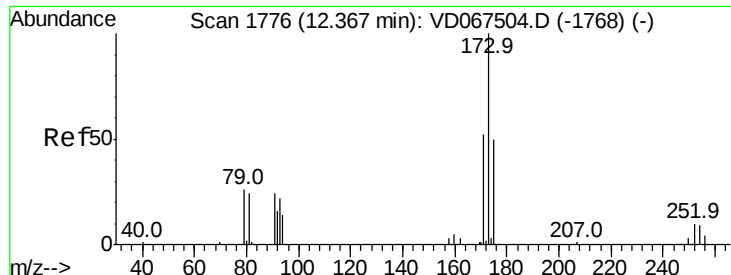
Tot Ion:106 Resp: 235738
Ion Ratio Lower Upper
106 100
91 215.2 107.1 321.1



#70
Styrene
Concen: 49.111 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion:104 Resp: 413515
Ion Ratio Lower Upper
104 100
78 51.1 39.8 59.8
103 55.8 43.9 65.9

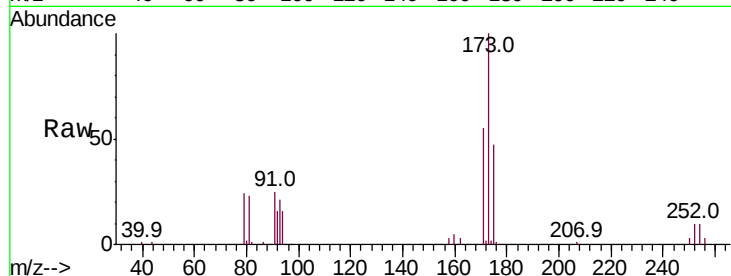




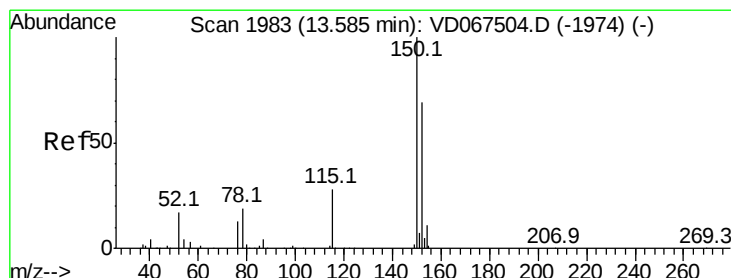
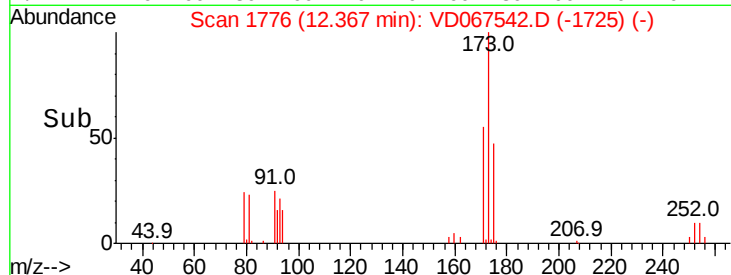
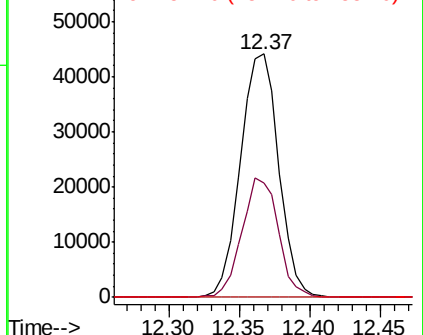
#71
Bromoform
Concen: 51.156 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 83596
Ion Ratio Lower Upper
173 100
175 46.8 24.1 72.2
254 0.0 0.0 0.0

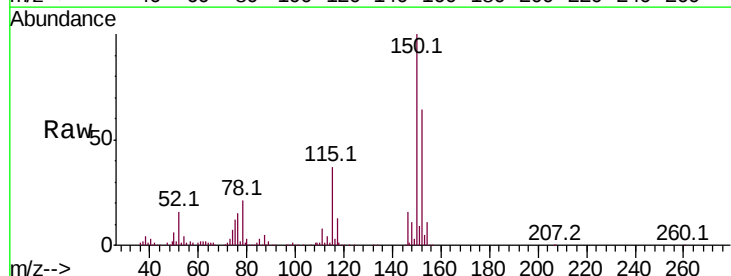


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

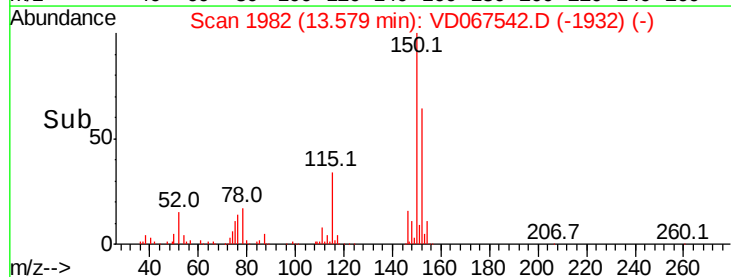
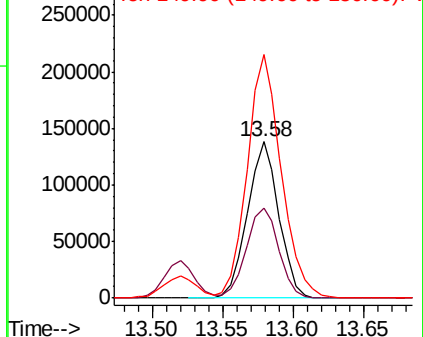


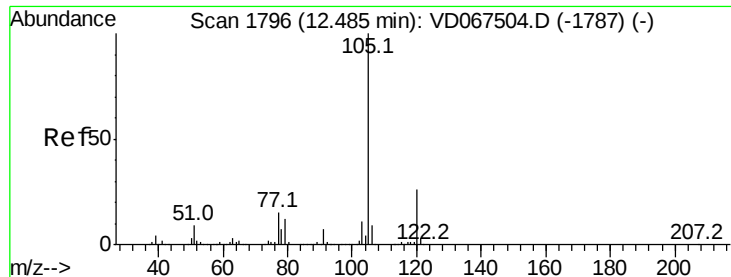
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion:152 Resp: 214483
Ion Ratio Lower Upper
152 100
115 60.0 29.3 88.0
150 169.5 0.0 338.2



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





#73

Isopropylbenzene

Concen: 47.791 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

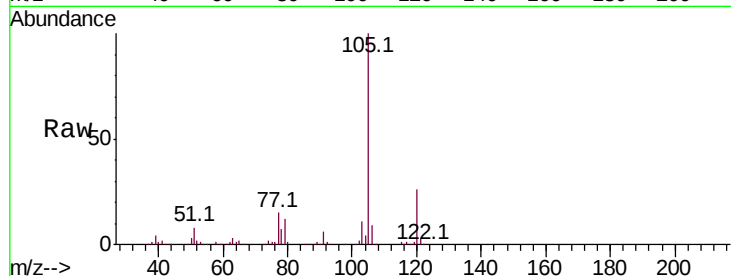
VSTDCCC050EC

Tot Ion:105 Resp: 662464

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

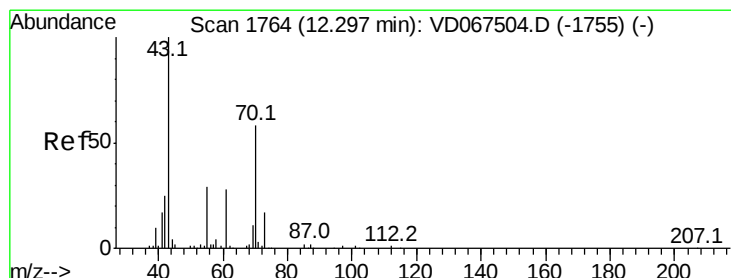
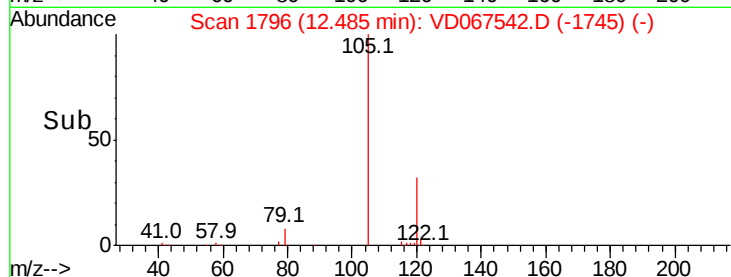
300000

200000

100000

0

Time--> 12.40 12.45 12.50 12.55



#74

N-ethyl acetate

Concen: 50.256 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Tgt Ion: 43 Resp: 91666

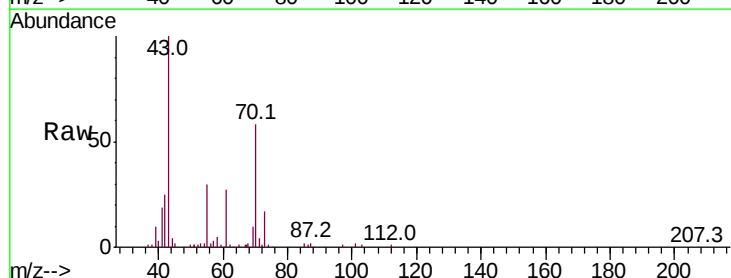
Ion Ratio Lower Upper

43 100

70 56.6 42.6 64.0

55 31.6 23.7 35.5

61 26.8 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

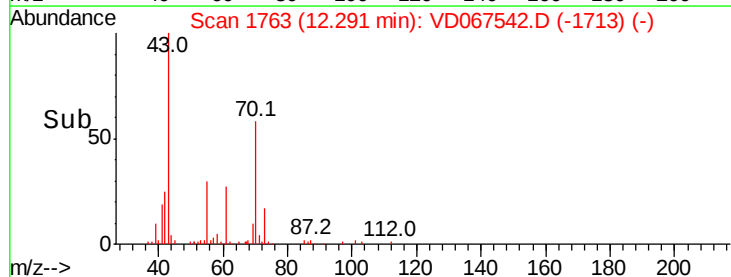
60000

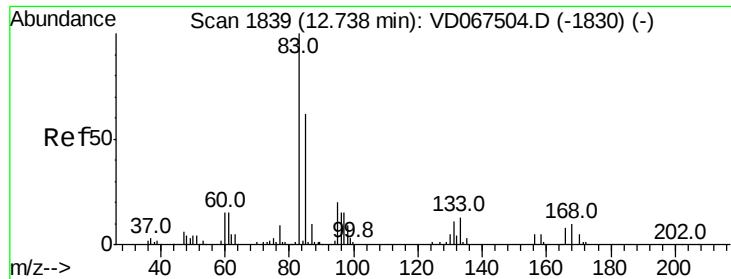
40000

20000

0

Time--> 12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 49.487 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

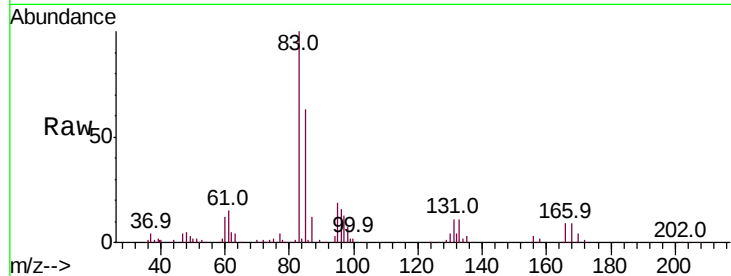
Tot Ion: 83 Resp: 93540

Ion Ratio Lower Upper

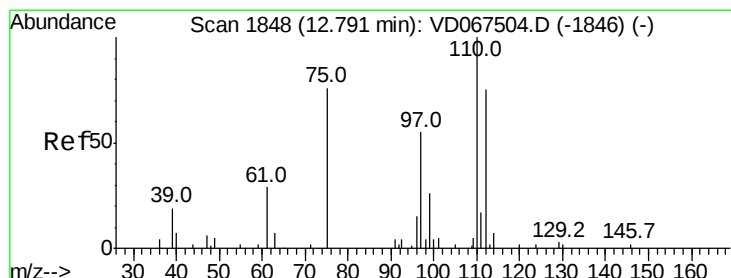
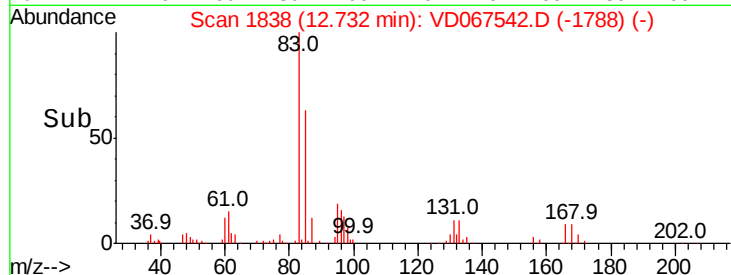
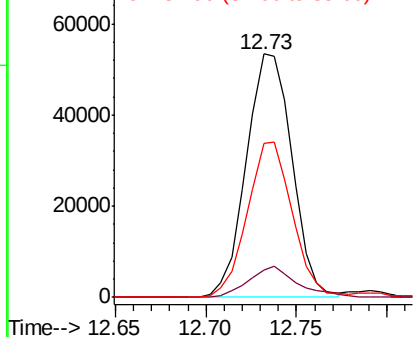
83 100

131 13.7 7.1 21.3

85 63.2 32.9 98.7



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: 101.608 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067542.D

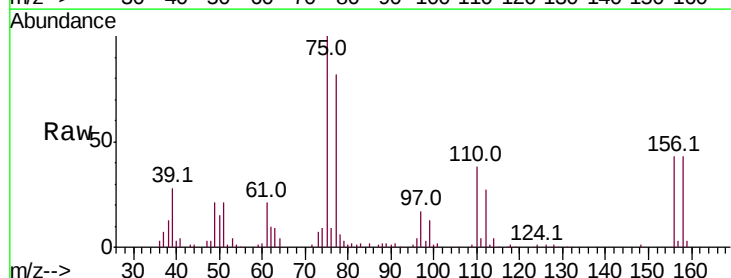
Acq: 05 Nov 2020 17:34

Tgt Ion: 75 Resp: 131469

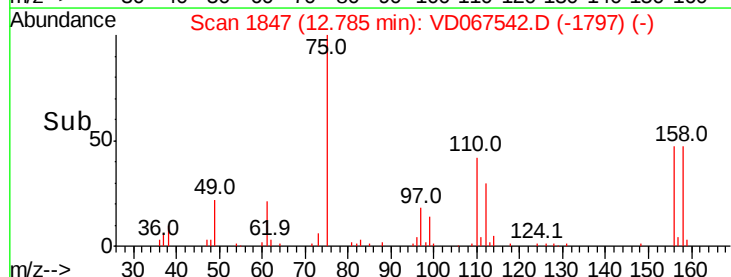
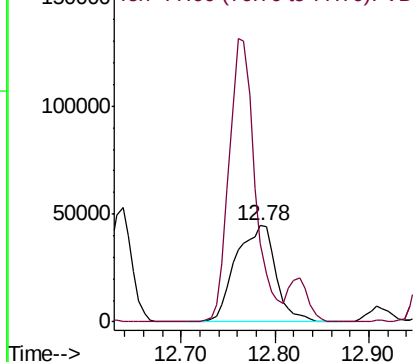
Ion Ratio Lower Upper

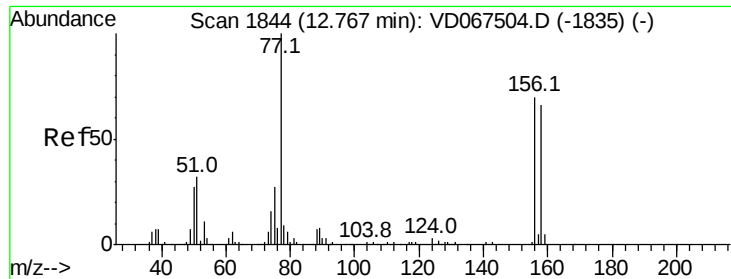
75 100

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: 48.853 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

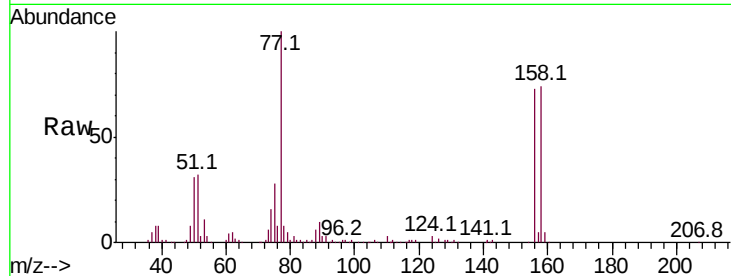
Tot Ion:156 Resp: 166307

Ion Ratio Lower Upper

156 100

77 152.7 77.8 233.5

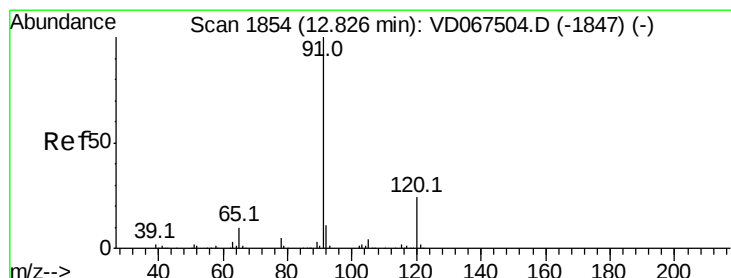
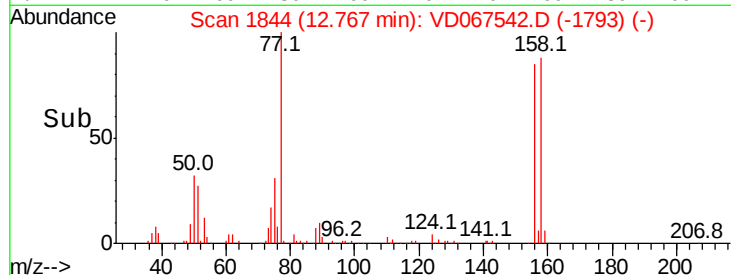
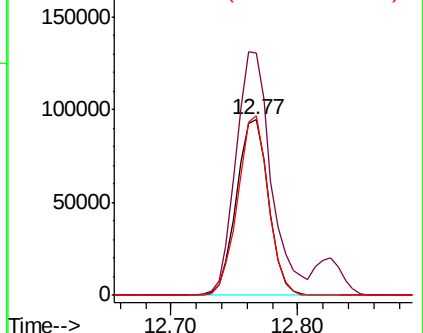
158 97.3 47.9 143.7



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: 47.339 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067542.D

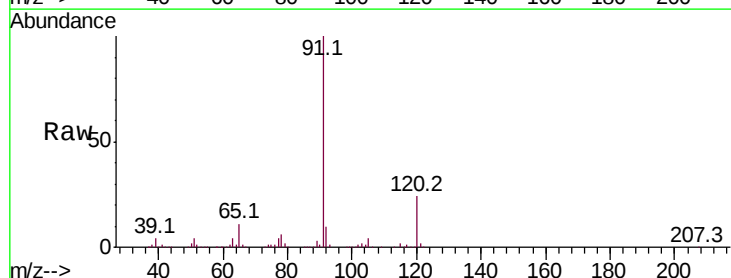
Acq: 05 Nov 2020 17:34

Tgt Ion: 91 Resp: 750576

Ion Ratio Lower Upper

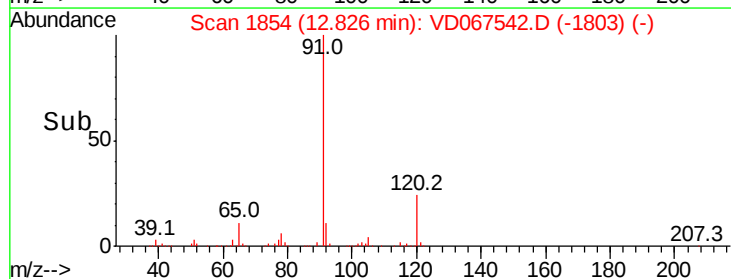
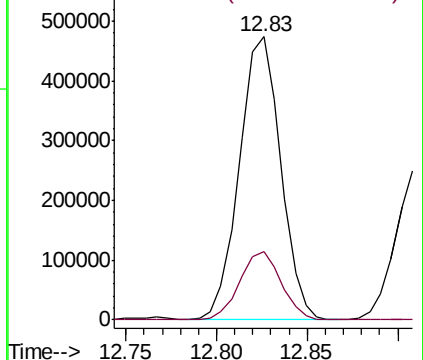
91 100

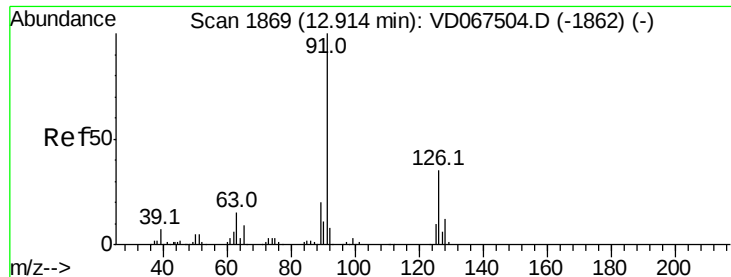
120 24.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

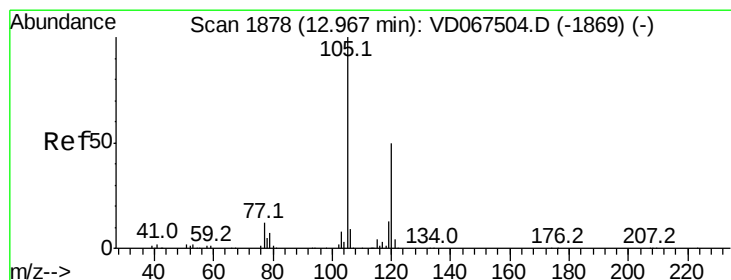
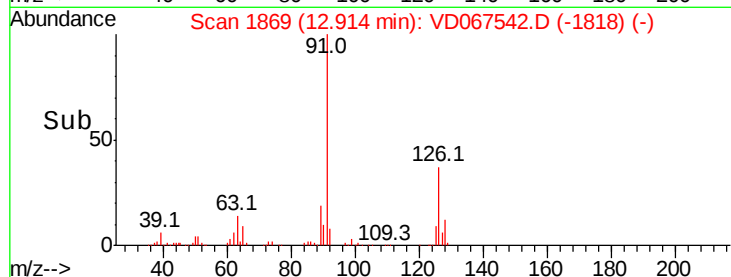
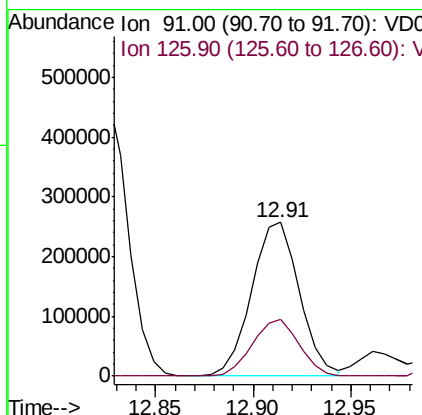
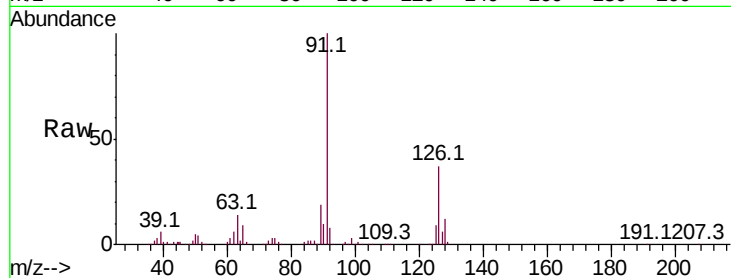




#79
 2-Chlorotoluene
 Concen: 48.515 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

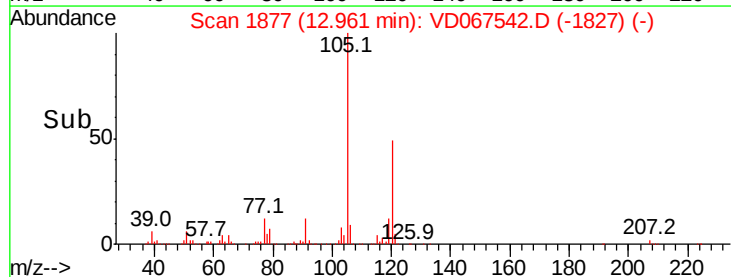
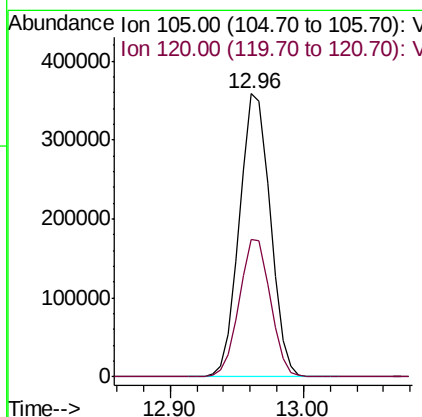
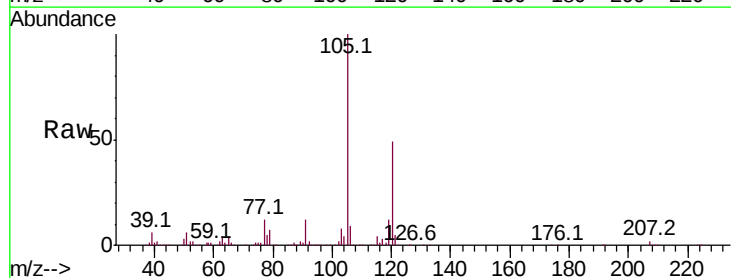
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

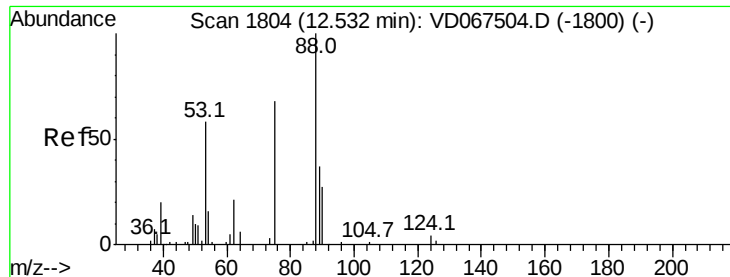
Tot Ion: 91 Resp: 436952
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.8 53.4



#80
 1,3,5-Trimethylbenzene
 Concen: 48.478 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Tgt Ion: 105 Resp: 574046
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.957 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

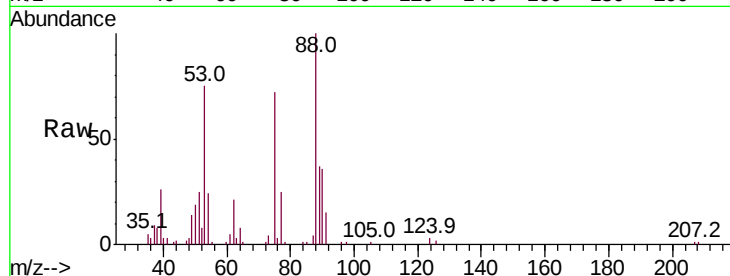
Tot Ion: 75 Resp: 30563

Ion Ratio Lower Upper

75 100

53 91.8 75.9 113.9

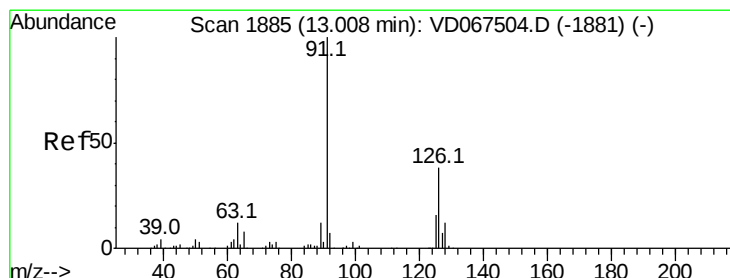
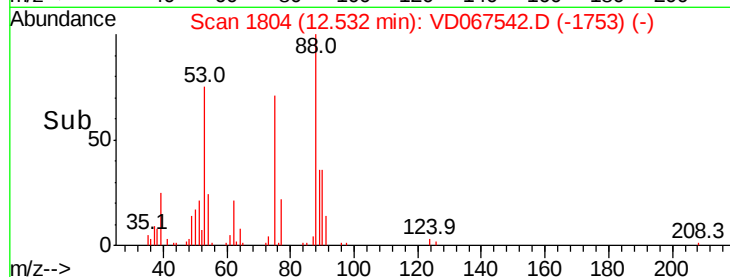
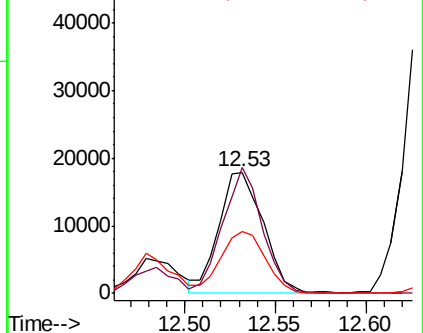
89 50.2 44.6 67.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 47.812 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067542.D

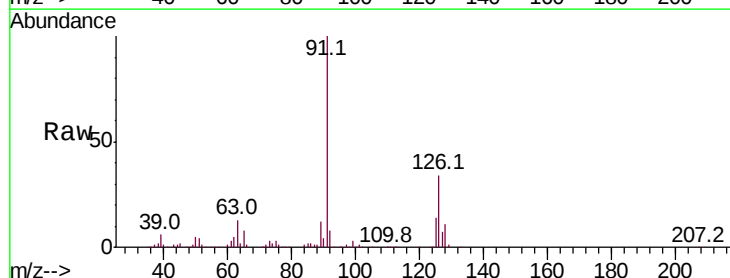
Acq: 05 Nov 2020 17:34

Tgt Ion: 91 Resp: 461841

Ion Ratio Lower Upper

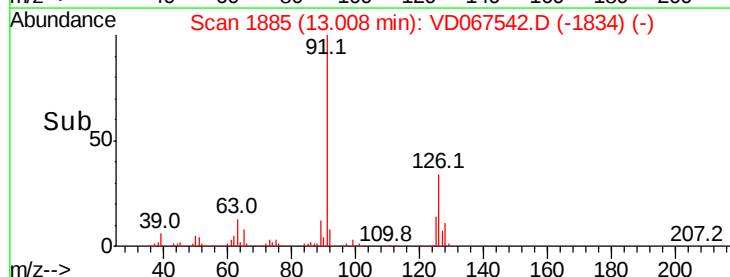
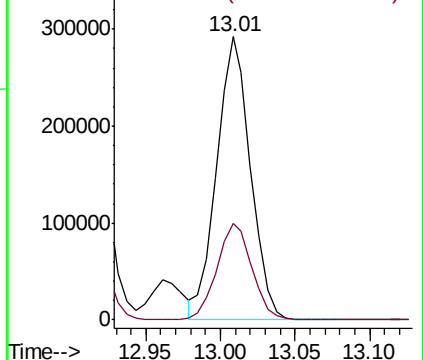
91 100

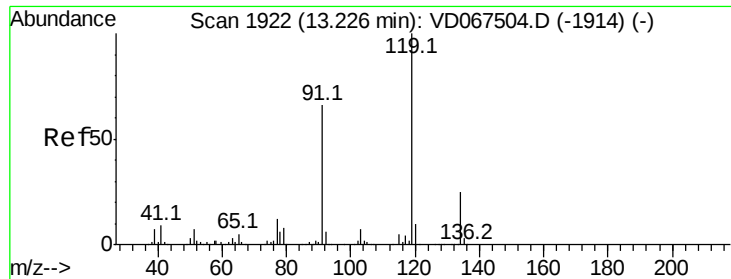
126 35.4 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

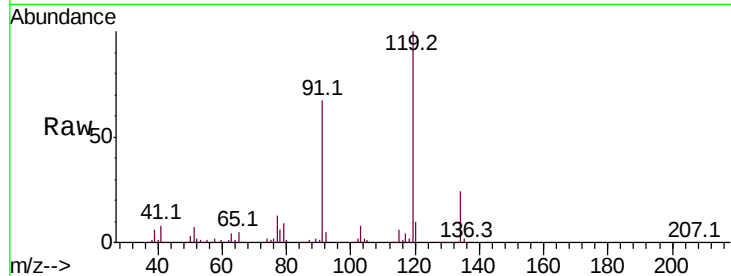




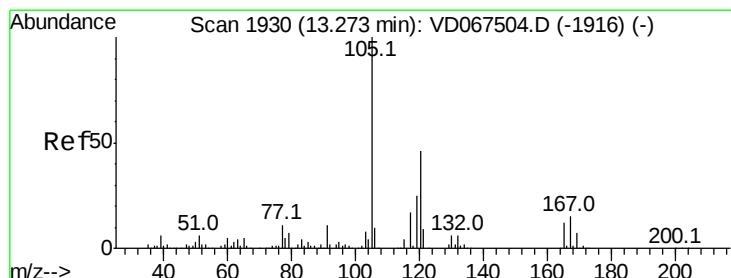
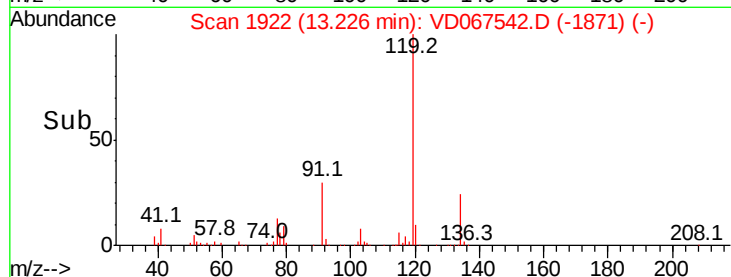
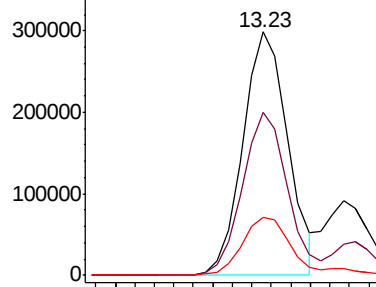
#83
tert-Butylbenzene
Concen: 47.497 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 476662
Ion Ratio Lower Upper
119 100
91 67.2 32.7 98.1
134 27.1 13.4 40.2

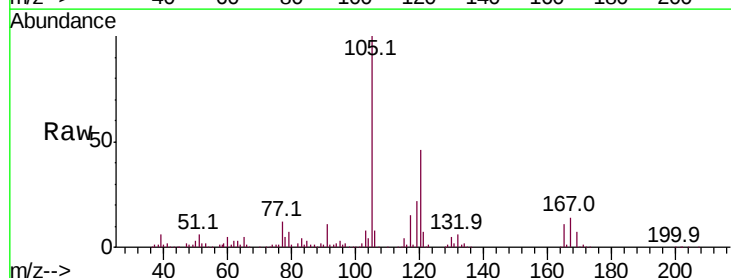


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

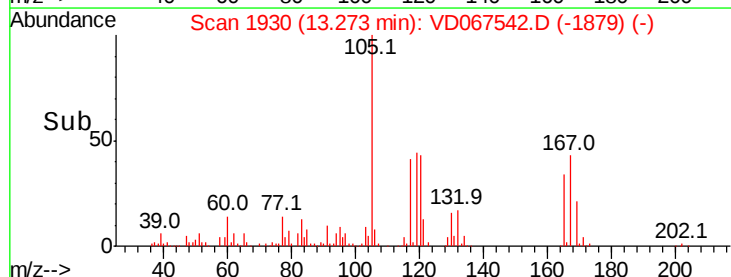
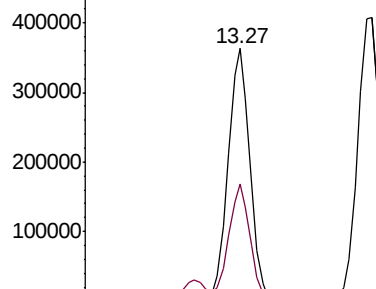


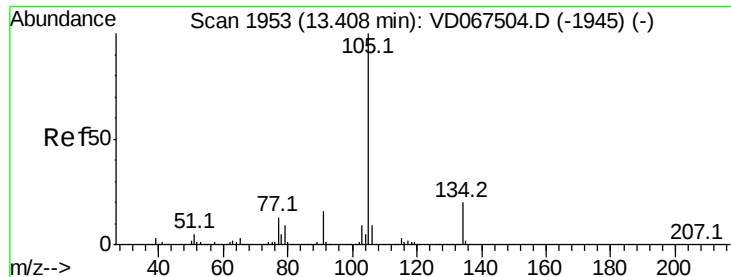
#84
1,2,4-Trimethylbenzene
Concen: 48.851 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067542.D
Acq: 05 Nov 2020 17:34

Tgt Ion:105 Resp: 575810
Ion Ratio Lower Upper
105 100
120 44.9 22.1 66.1



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





#85

sec-Butylbenzene

Concen: 48.204 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

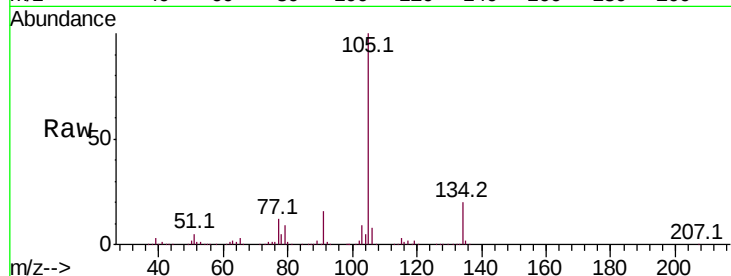
VSTDCCC050EC

Tot Ion:105 Resp: 653046

Ion Ratio Lower Upper

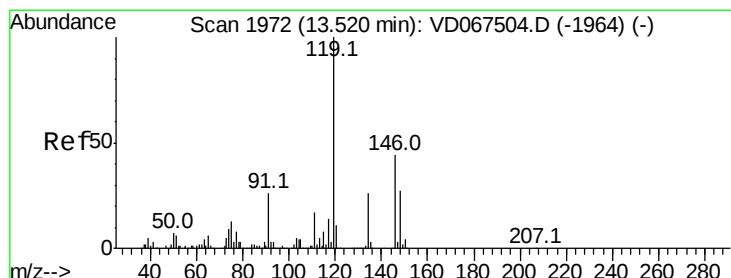
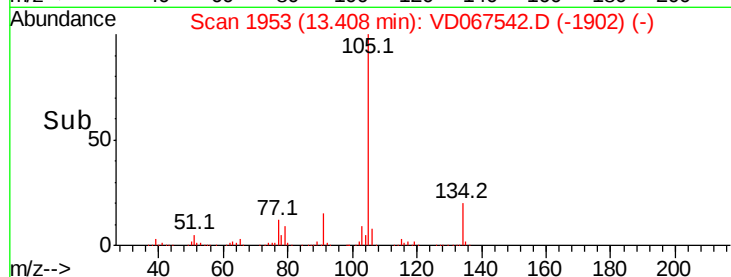
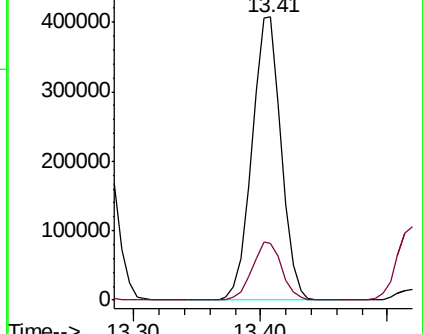
105 100

134 20.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.460 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

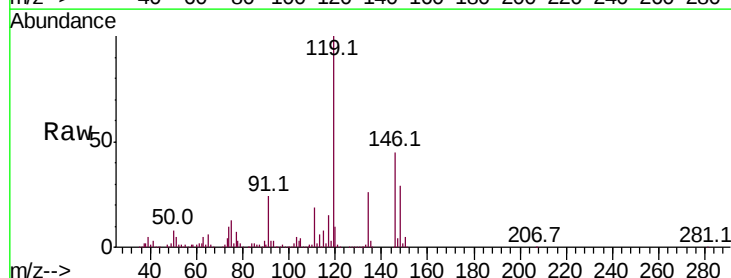
Tgt Ion:119 Resp: 620901

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

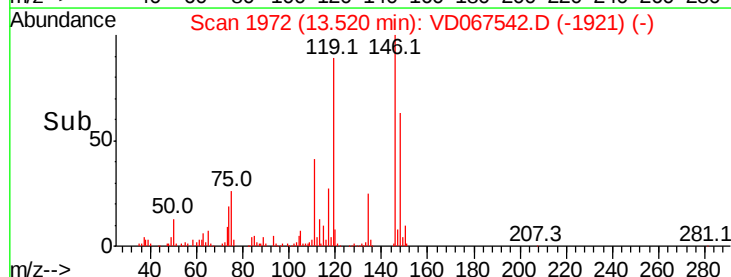
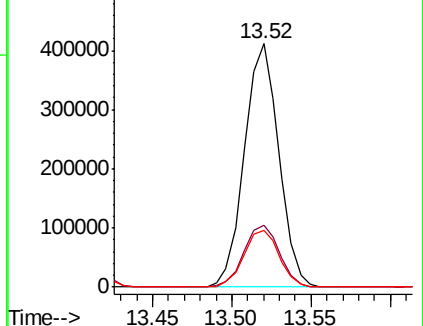
91 23.9 12.2 36.4

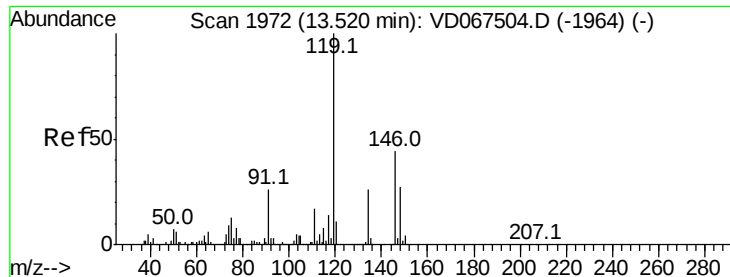


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 46.788 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

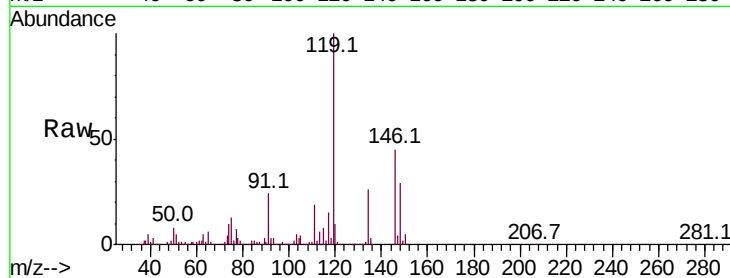
Tot Ion:146 Resp: 303928

Ion Ratio Lower Upper

146 100

111 41.4 20.3 60.8

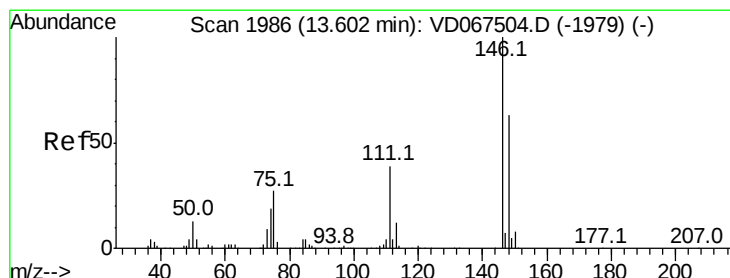
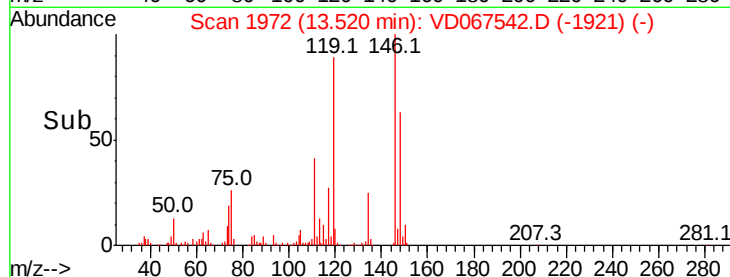
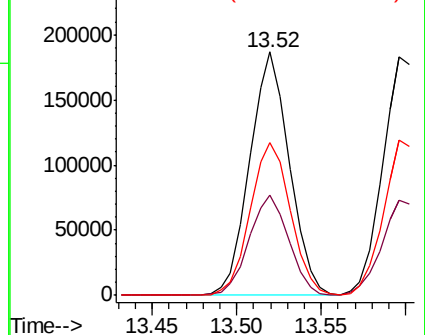
148 63.9 31.9 95.9



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



#88

1,4-Dichlorobenzene

Concen: 46.388 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

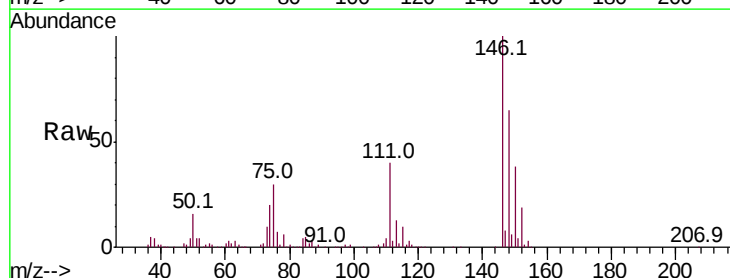
Tgt Ion:146 Resp: 305116

Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.7

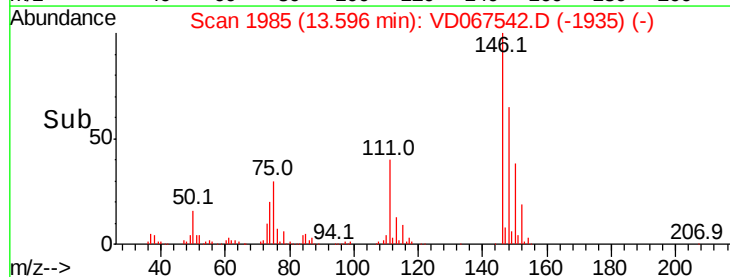
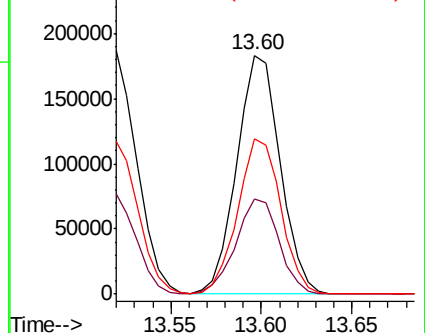
148 64.7 31.8 95.4

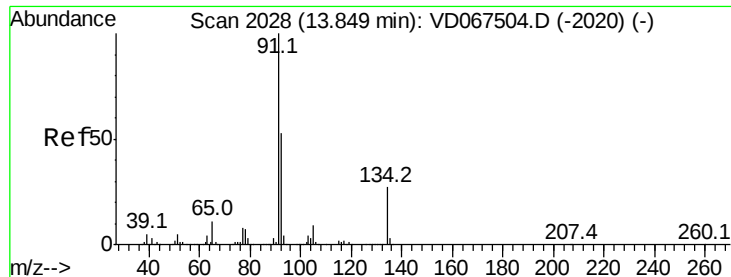


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 48.077 ug/l

RT: 13.84 min Scan# 2027

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

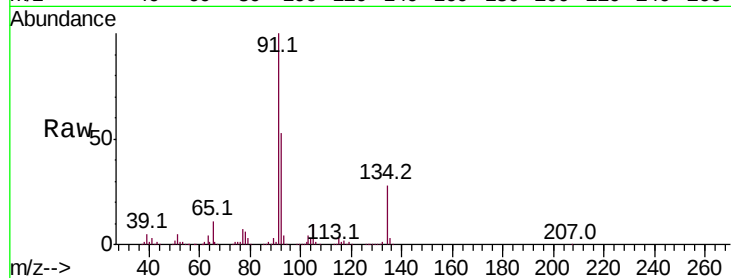
Tot Ion: 91 Resp: 543275

Ion Ratio Lower Upper

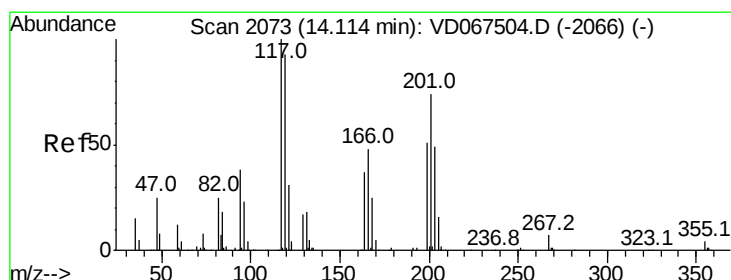
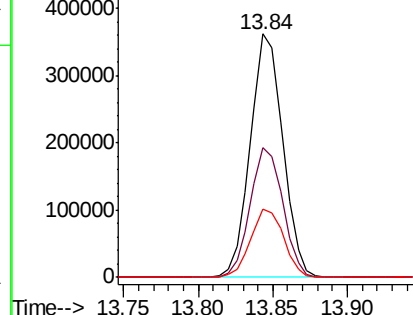
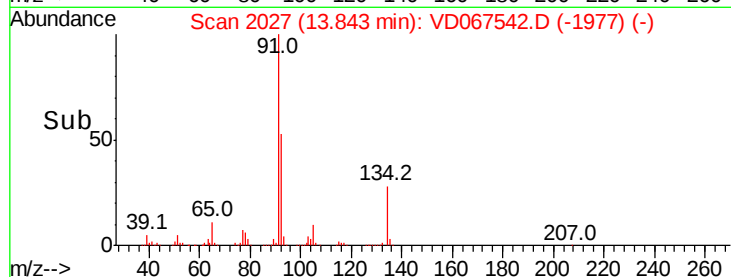
91 100

92 53.6 26.6 79.8

134 28.5 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 47.059 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VD067542.D

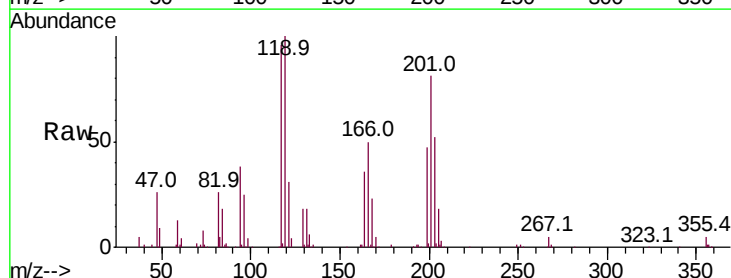
Acq: 05 Nov 2020 17:34

Tgt Ion: 117 Resp: 115937

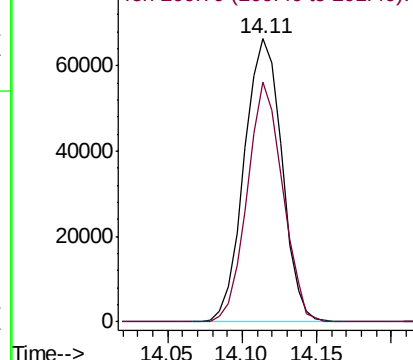
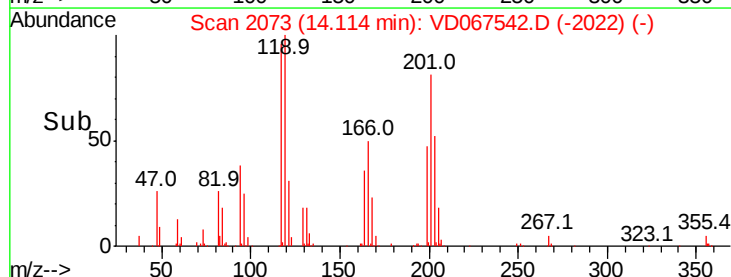
Ion Ratio Lower Upper

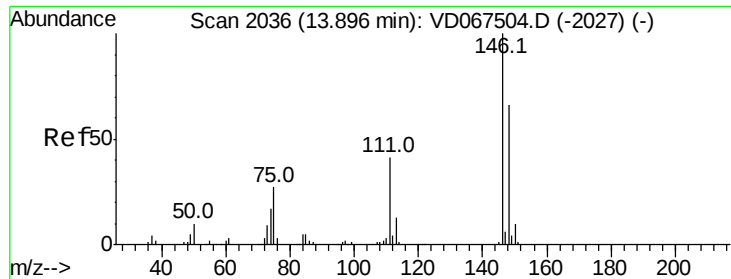
117 100

201 79.5 40.7 122.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 47.653 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

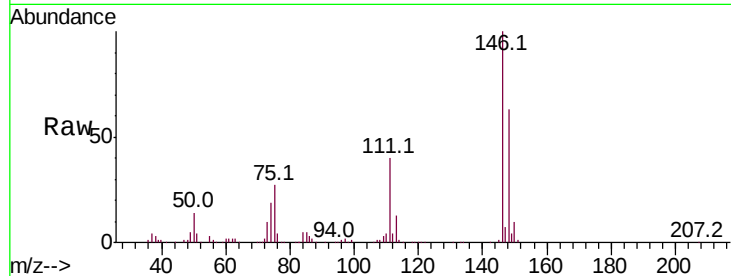
Tot Ion:146 Resp: 267900

Ion Ratio Lower Upper

146 100

111 41.0 20.7 62.1

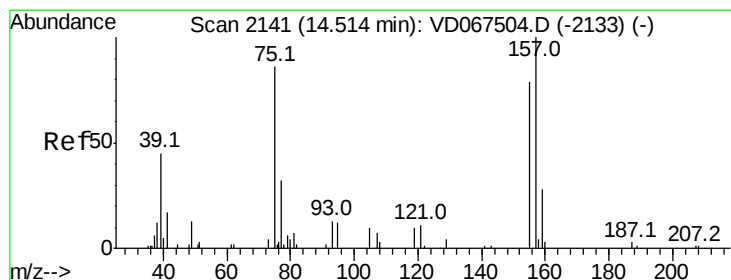
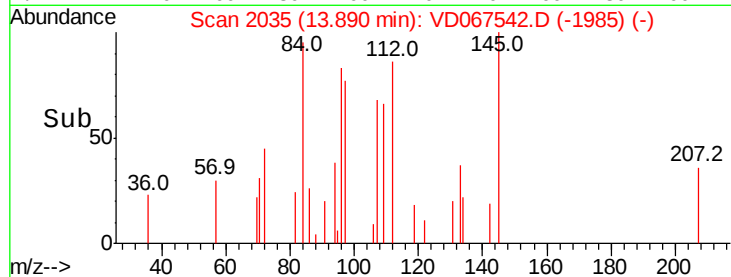
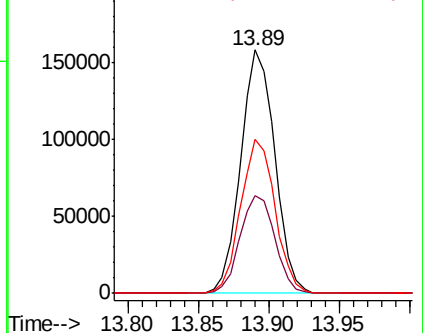
148 63.8 31.5 94.5



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: 53.689 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

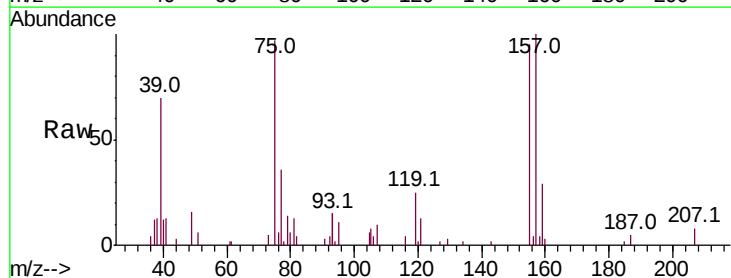
Tgt Ion: 75 Resp: 17968

Ion Ratio Lower Upper

75 100

155 86.4 46.6 139.8

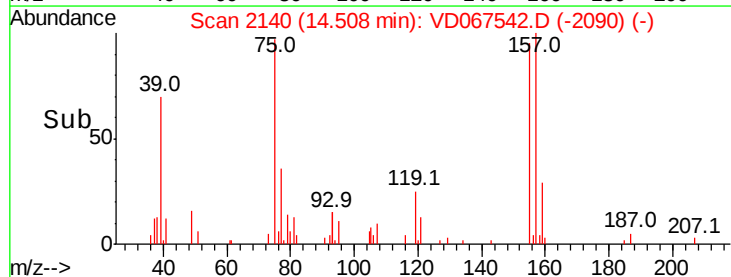
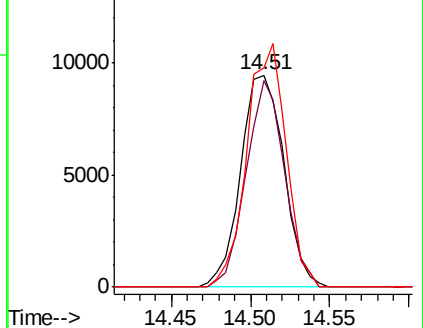
157 104.0 58.1 174.2

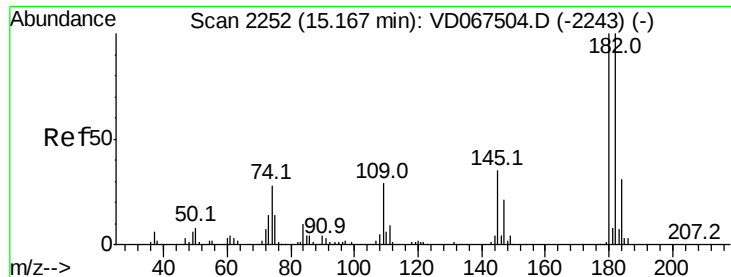


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

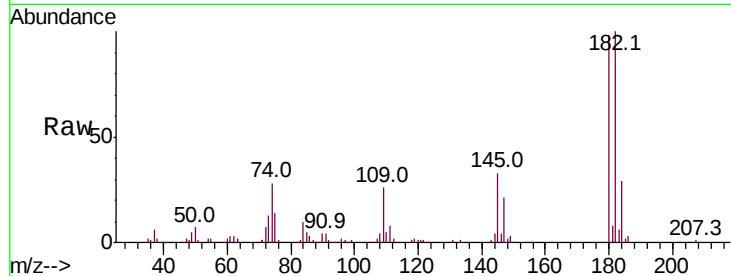




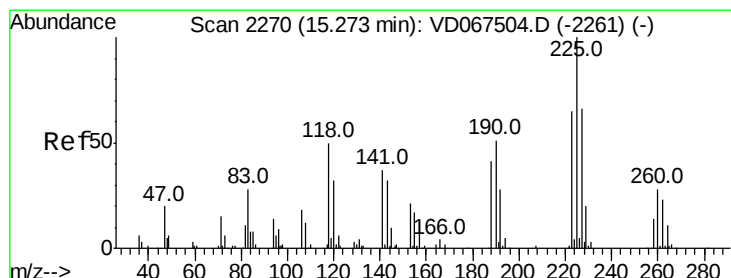
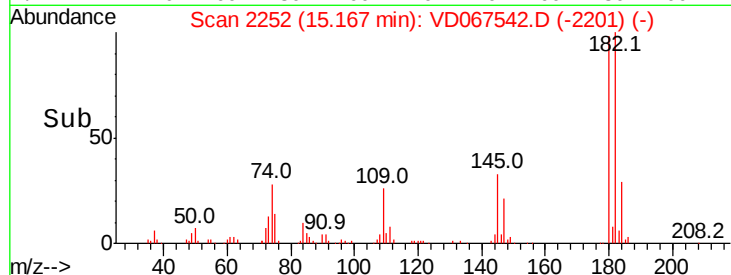
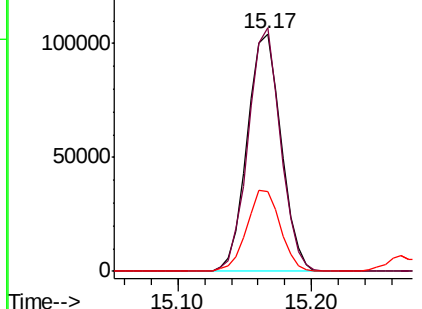
#93
 1,2,4-Trichlorobenzene
 Concen: 47.849 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.4	142.3
145	33.7	16.2	48.6

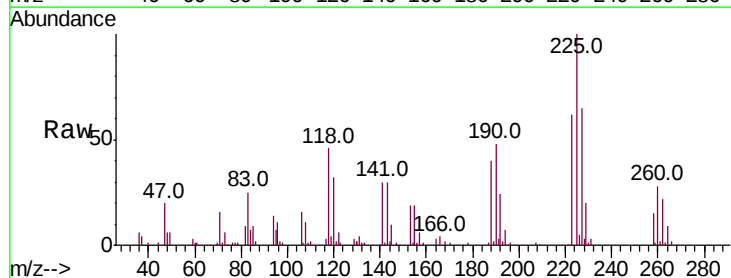


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

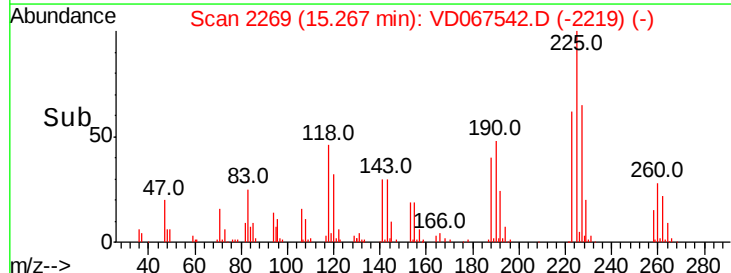
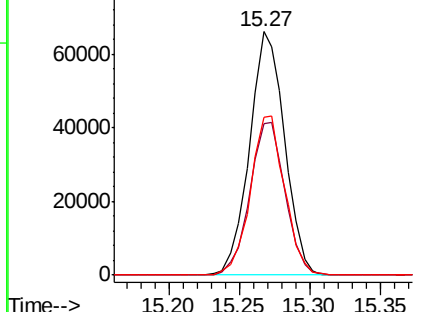


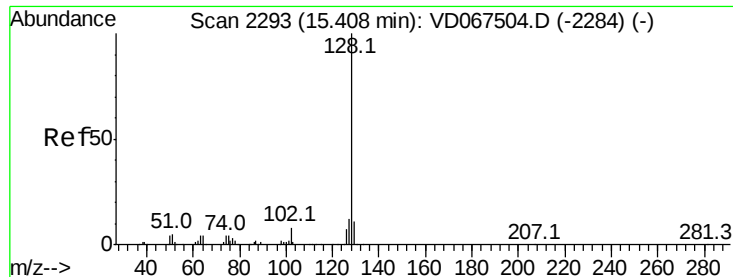
#94
 Hexachlorobutadiene
 Concen: 45.169 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD067542.D
 Acq: 05 Nov 2020 17:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.9	95.5
227	63.7	32.5	97.4



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: 51.287 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

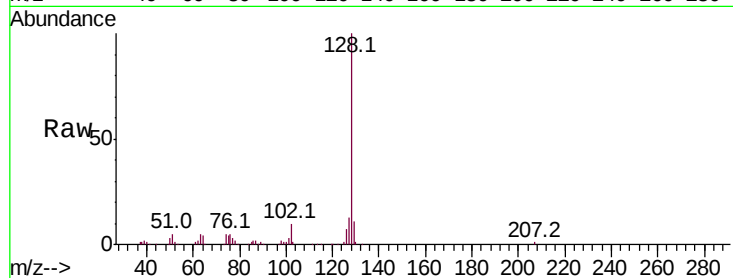
Tot Ion:128 Resp: 302004

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

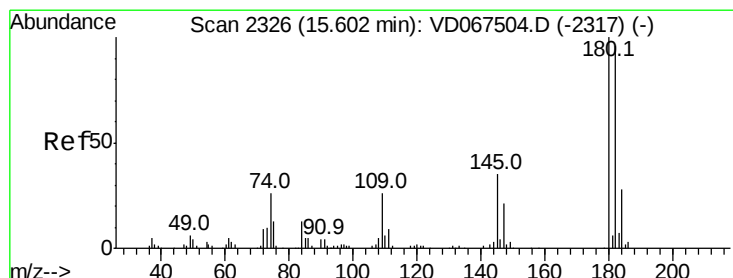
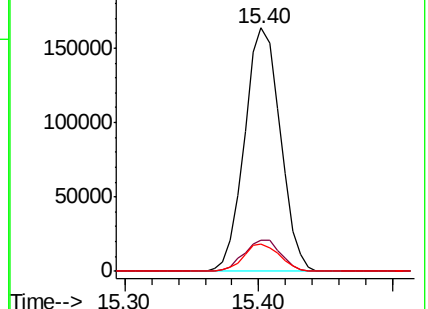
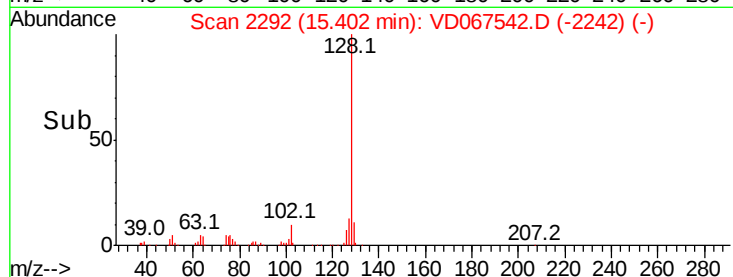
129 11.3 8.9 13.3



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: 49.214 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD067542.D

Acq: 05 Nov 2020 17:34

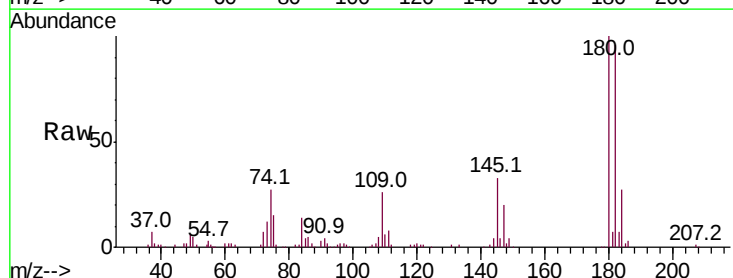
Tgt Ion:180 Resp: 160807

Ion Ratio Lower Upper

180 100

182 95.7 46.9 140.8

145 33.0 17.1 51.2



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

