

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067802.D
 Acq On : 25 Nov 2020 22:03
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 26 00:27:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	231213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	348644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	326735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	164181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	125543	55.84	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.68%
35) Dibromofluoromethane	7.92	113	121715	54.86	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.72%
50) Toluene-d8	10.34	98	428533	52.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.66%
62) 4-Bromofluorobenzene	12.64	95	148045	53.39	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.78%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	101101	50.246	ug/l	97
3) Chloromethane	2.21	50	58652	52.360	ug/l	99
4) Vinyl Chloride	2.36	62	69645	49.617	ug/l	93
5) Bromomethane	2.77	94	65206	54.525	ug/l	98
6) Chloroethane	2.93	64	49681	53.106	ug/l	96
7) Trichlorofluoromethane	3.28	101	211731	49.431	ug/l	98
8) Diethyl Ether	3.71	74	44944	51.970	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	97194	47.386	ug/l	99
10) Methyl Iodide	4.30	142	112678	53.671	ug/l	98
11) Tert butyl alcohol	5.22	59	31999	275.056	ug/l	98
12) 1,1-Dichloroethene	4.07	96	94720	49.907	ug/l	97
13) Acrolein	3.93	56	20058	215.254	ug/l	90
14) Allyl chloride	4.71	41	97640	53.220	ug/l	98
15) Acrylonitrile	5.42	53	81280	269.851	ug/l	96
16) Acetone	4.16	43	69867	240.566	ug/l	97
17) Carbon Disulfide	4.41	76	268907	48.987	ug/l	99
18) Methyl Acetate	4.72	43	32350	55.366	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	228348	56.296	ug/l	96
20) Methylene Chloride	4.97	84	121237	56.029	ug/l	96
21) trans-1,2-Dichloroethene	5.48	96	112185	51.991	ug/l	96
22) Diisopropyl ether	6.37	45	197561	54.552	ug/l	94
23) Vinyl Acetate	6.31	43	571597	279.803	ug/l	99
24) 1,1-Dichloroethane	6.27	63	165317	53.842	ug/l	99
25) 2-Butanone	7.21	43	82758	253.935	ug/l	96
26) 2,2-Dichloropropane	7.21	77	177143	48.905	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	125707	54.656	ug/l	97
28) Bromochloromethane	7.55	49	54785	55.703	ug/l	96
29) Tetrahydrofuran	7.57	42	51295	276.828	ug/l	97
30) Chloroform	7.71	83	216685	53.968	ug/l	97
31) Cyclohexane	7.99	56	120198	44.188	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	217905	51.246	ug/l	99
36) 1,1-Dichloropropene	8.12	75	145518	48.640	ug/l	98
37) Ethyl Acetate	7.29	43	40131	49.886	ug/l	97
38) Carbon Tetrachloride	8.10	117	210279	48.488	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	169822	47.965	ug/l	98
40) Benzene	8.36	78	412477	50.200	ug/l	96
41) Methacrylonitrile	7.53	41	21307	51.869	ug/l	92
42) 1,2-Dichloroethane	8.43	62	143250	51.381	ug/l	100
43) Isopropyl Acetate	8.46	43	81221	50.557	ug/l	97
44) Trichloroethene	9.11	130	137830	50.612	ug/l	97
45) 1,2-Dichloropropane	9.39	63	85288	50.586	ug/l	99
46) Dibromomethane	9.48	93	59053	51.447	ug/l	94
47) Bromodichloromethane	9.67	83	168338	52.666	ug/l	95
48) Methyl methacrylate	9.46	41	38476	47.905	ug/l	90
49) 1,4-Dioxane	9.47	88	12883	1035.655	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	192579	254.748	ug/l	94
52) Toluene	10.41	92	289229	51.888	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	144491	51.742	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	158785	50.243	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	80337	52.163	ug/l	93
56) Ethyl methacrylate	10.67	69	84876	53.229	ug/l	99
57) 1,3-Dichloropropane	10.95	76	128358	52.858	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	218377	293.108	ug/l	98
59) 2-Hexanone	10.99	43	135032	252.997	ug/l	98
60) Dibromochloromethane	11.14	129	122119	52.034	ug/l	100
61) 1,2-Dibromoethane	11.25	107	77822	51.282	ug/l	95
64) Tetrachloroethene	10.88	164	122241	48.204	ug/l	92
65) Chlorobenzene	11.67	112	326865	50.900	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	134175	51.653	ug/l	98
67) Ethyl Benzene	11.75	91	554719	50.037	ug/l	99
68) m/p-Xylenes	11.86	106	434969	100.823	ug/l	99
69) o-Xylene	12.18	106	197483	50.276	ug/l	96
70) Styrene	12.20	104	349365	52.217	ug/l	98
71) Bromoform	12.37	173	71648	50.809	ug/l #	99
73) Isopropylbenzene	12.48	105	560282	51.866	ug/l	99
74) N-amyl acetate	12.29	43	72250	50.718	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	73714	50.846	ug/l	94
76) 1,2,3-Trichloropropane	12.78	75	108512	94.832	ug/l #	100
77) Bromobenzene	12.77	156	142611	52.739	ug/l	99
78) n-propylbenzene	12.83	91	624705	51.980	ug/l	100
79) 2-Chlorotoluene	12.91	91	364940	51.288	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	493392	52.513	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	23946	48.947	ug/l	93
82) 4-Chlorotoluene	13.01	91	389071	51.316	ug/l	100
83) tert-Butylbenzene	13.23	119	420456	52.078	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	493144	52.542	ug/l	99
85) sec-Butylbenzene	13.41	105	531272	50.089	ug/l	100
86) p-Isopropyltoluene	13.52	119	519001	50.519	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	261870	50.038	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	254046	49.004	ug/l	98
89) n-Butylbenzene	13.84	91	436354	49.565	ug/l	99
90) Hexachloroethane	14.11	117	96367	49.276	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	228520	50.689	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14939	47.796	ug/l	86

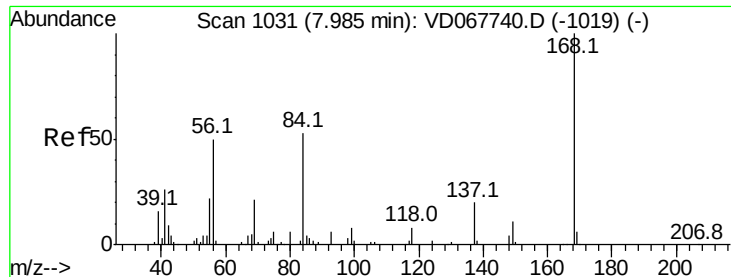
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	162768	50.991	ug/l	99
94) Hexachlorobutadiene	15.27	225	103556	50.774	ug/l	94
95) Naphthalene	15.40	128	266424	51.572	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	139663	51.365	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

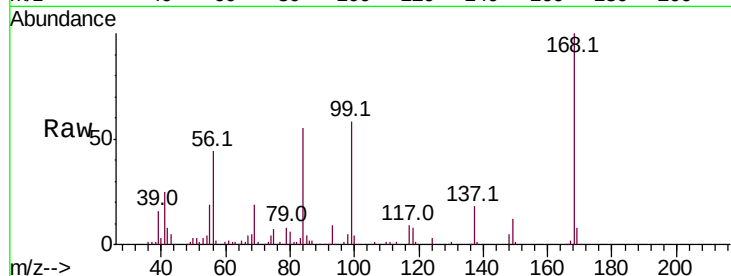
VSTDCCC050EC

Tot Ion:168 Resp: 231213

Ion Ratio Lower Upper

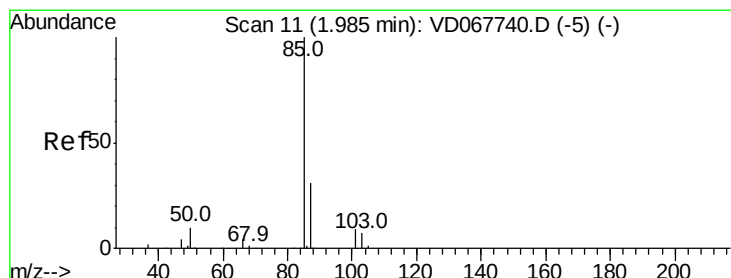
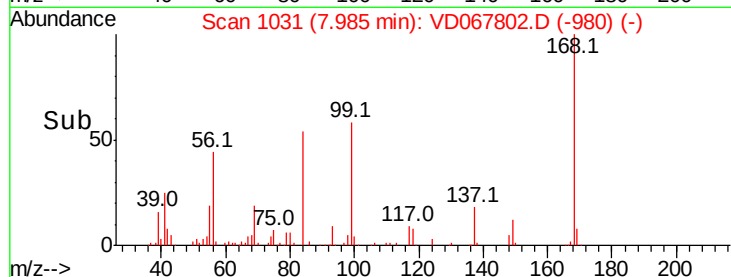
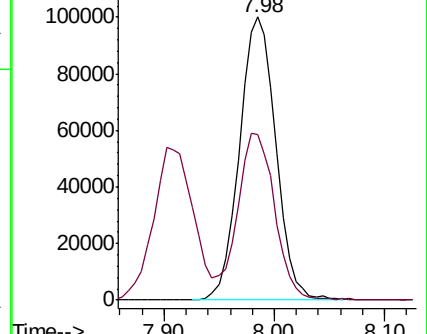
168 100

99 57.9 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 50.246 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067802.D

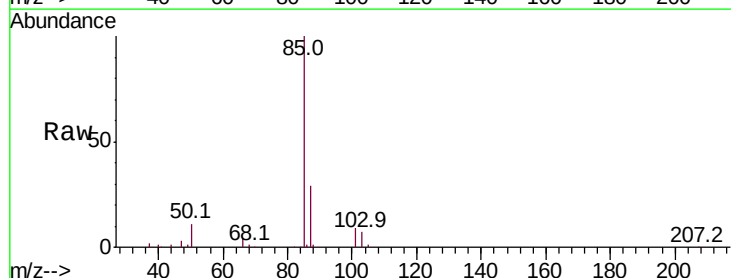
Acq: 25 Nov 2020 22:03

Tgt Ion: 85 Resp: 101101

Ion Ratio Lower Upper

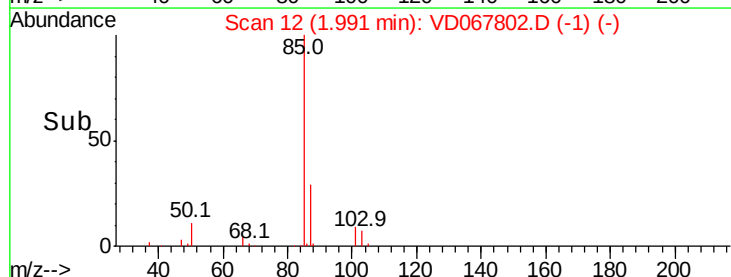
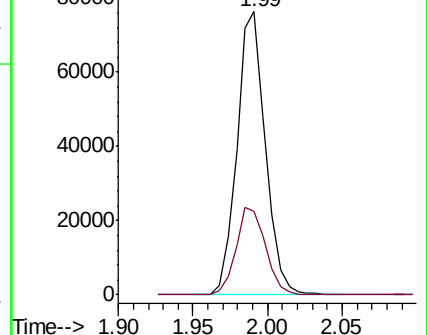
85 100

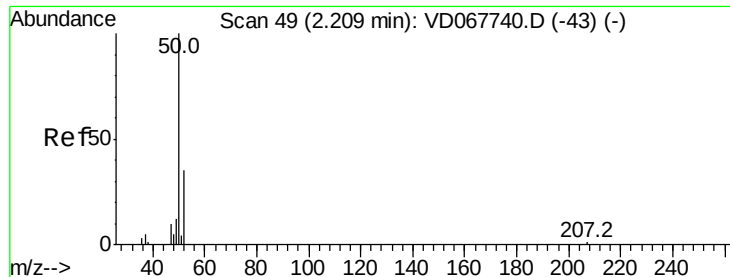
87 29.4 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 52.360 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

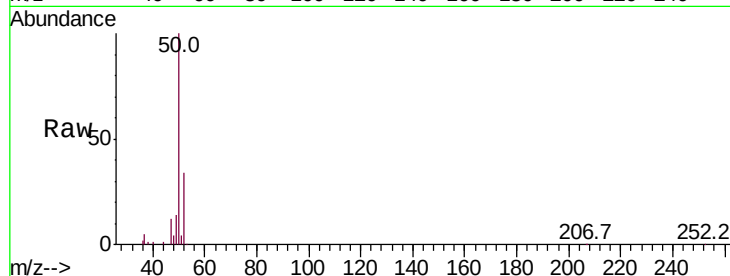
VSTDCCC050EC

Tot Ion: 50 Resp: 58652

Ion Ratio Lower Upper

50 100

52 34.0 27.8 41.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

50000

40000

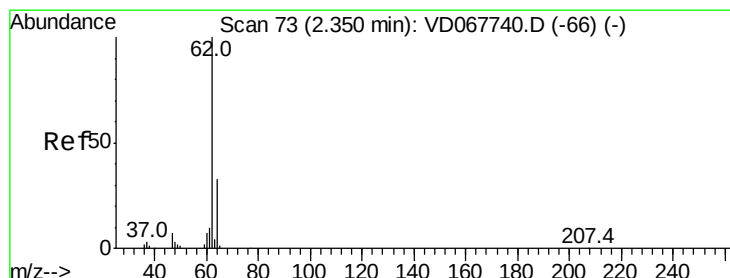
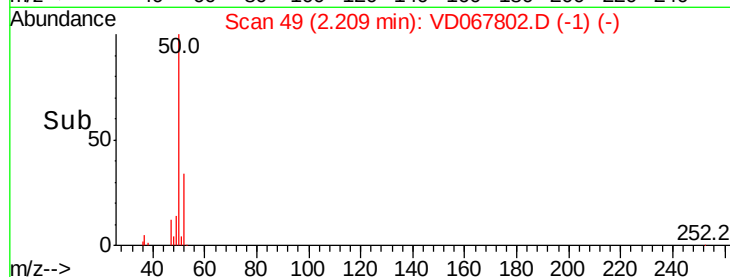
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 49.617 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD067802.D

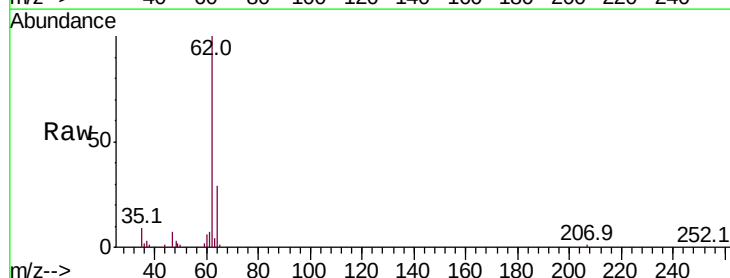
Acq: 25 Nov 2020 22:03

Tgt Ion: 62 Resp: 69645

Ion Ratio Lower Upper

62 100

64 29.2 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.36

50000

40000

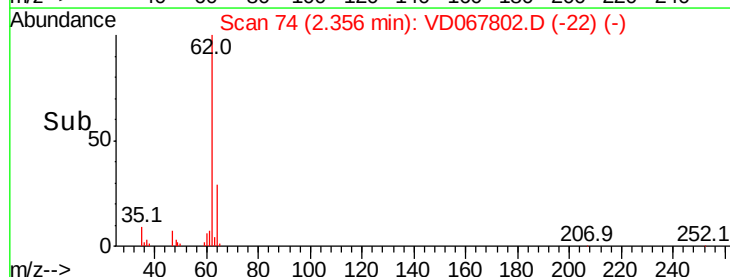
30000

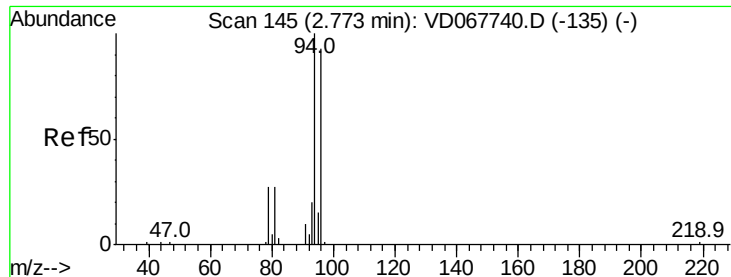
20000

10000

0

Time-->





#5

Bromomethane

Concen: 54.525 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

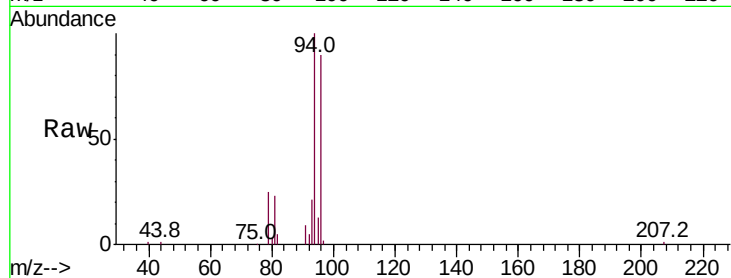
VSTDCCC050EC

Tot Ion: 94 Resp: 65206

Ion Ratio Lower Upper

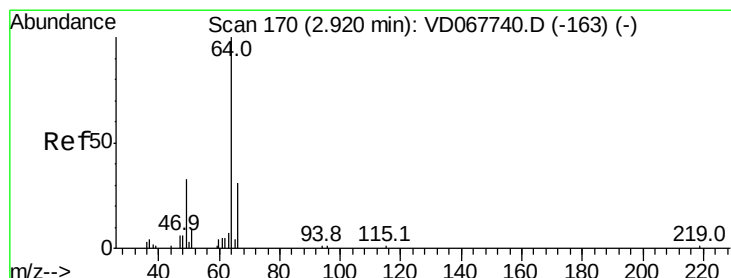
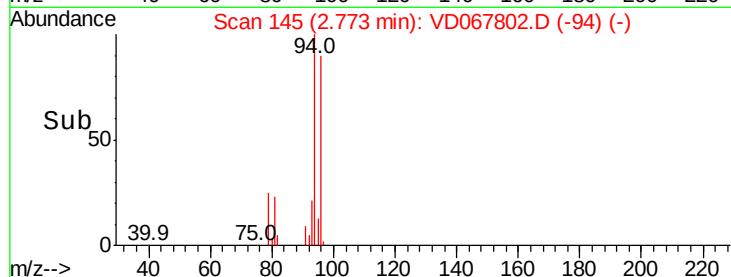
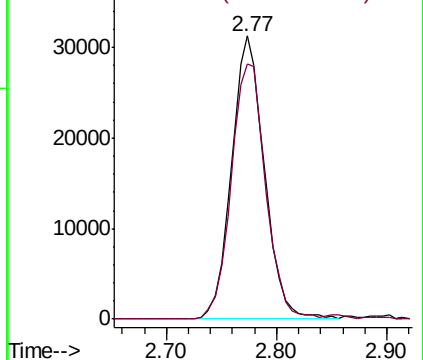
94 100

96 90.2 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 53.106 ug/l

RT: 2.93 min Scan# 172

Delta R.T. 0.01 min

Lab File: VD067802.D

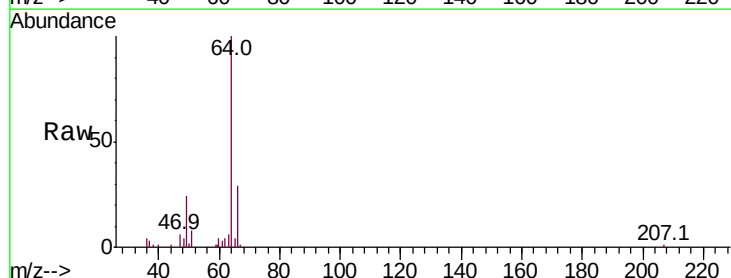
Acq: 25 Nov 2020 22:03

Tgt Ion: 64 Resp: 49681

Ion Ratio Lower Upper

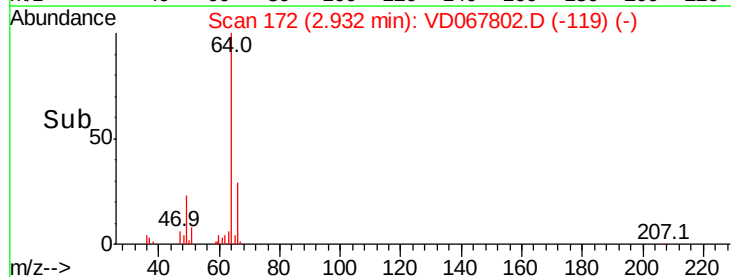
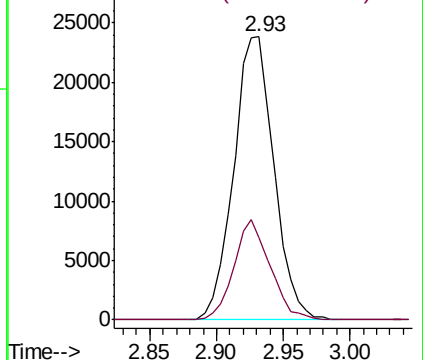
64 100

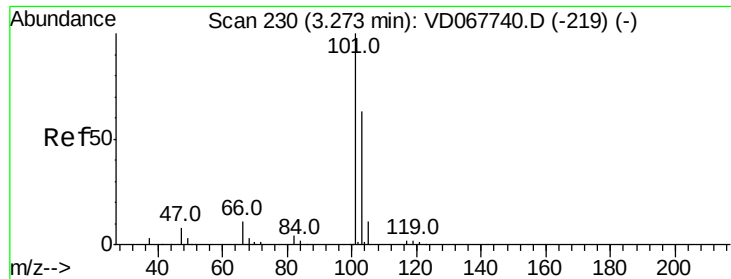
66 29.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



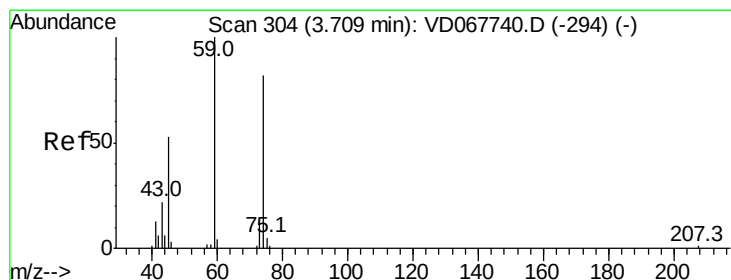
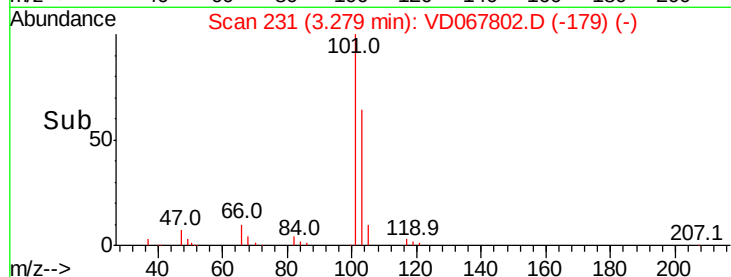
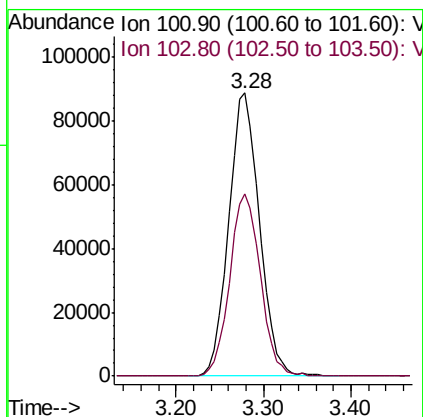
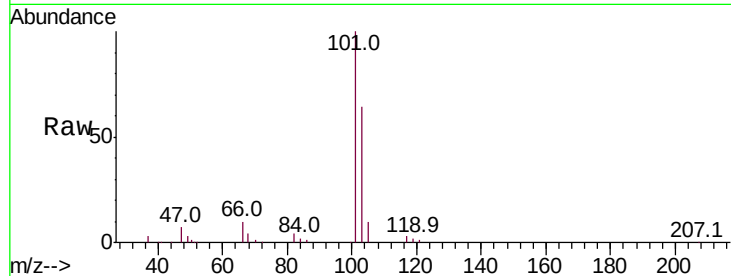


#7

Trichlorofluoromethane
 Concen: 49.431 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD067802.D
 Acq: 25 Nov 2020 22:03

Instrument :
 MSVOA_D
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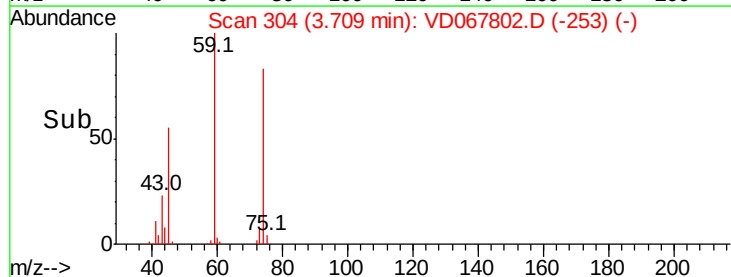
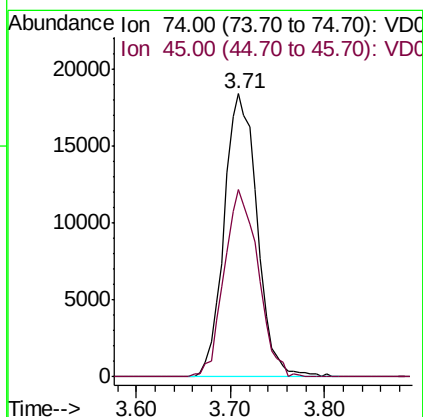
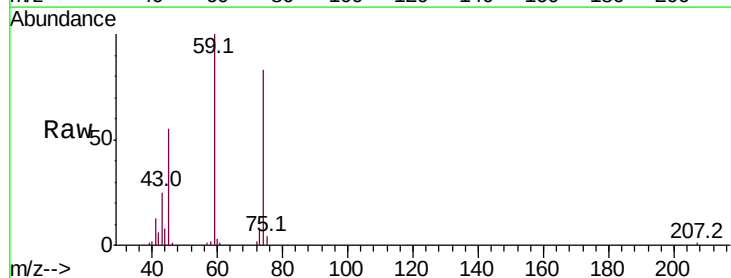
Tot Ion:101 Resp: 211731
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.3 75.5

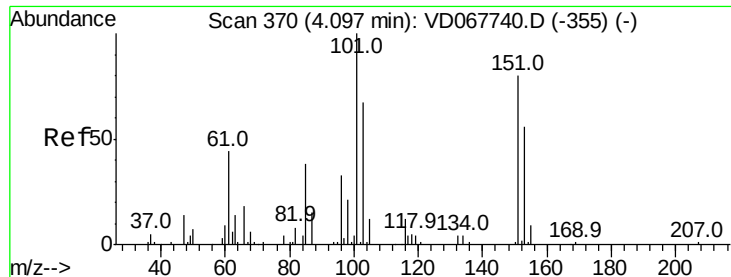


#8

Diethyl Ether
 Concen: 51.970 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD067802.D
 Acq: 25 Nov 2020 22:03

Tgt Ion: 74 Resp: 44944
 Ion Ratio Lower Upper
 74 100
 45 68.1 35.9 107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.386 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

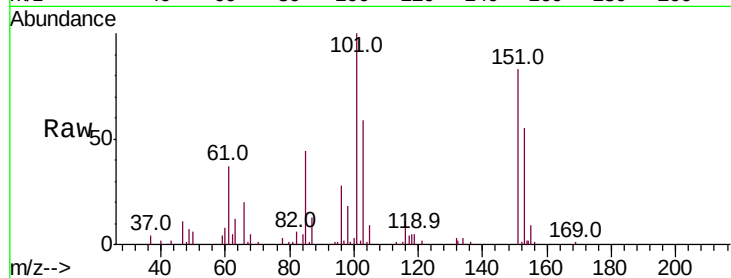
Tot Ion:101 Resp: 97194

Ion Ratio Lower Upper

101 100

85 45.4 35.5 53.3

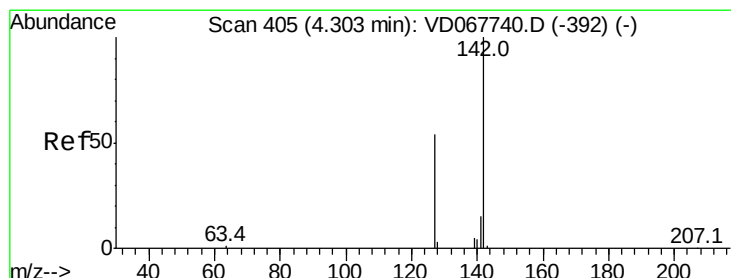
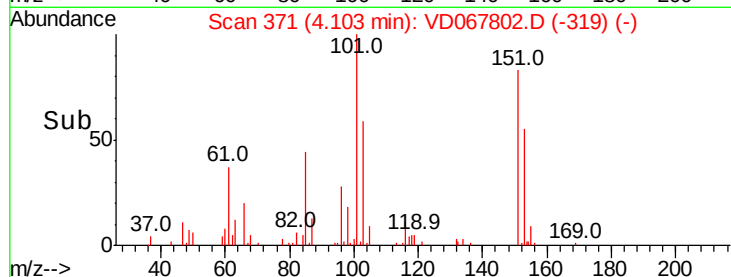
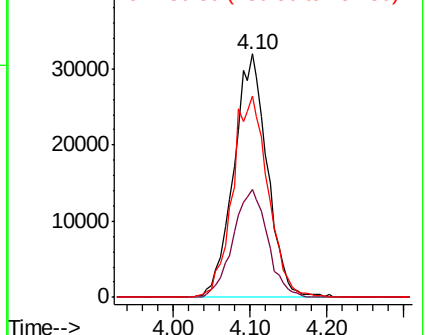
151 87.8 69.4 104.0



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: 53.671 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

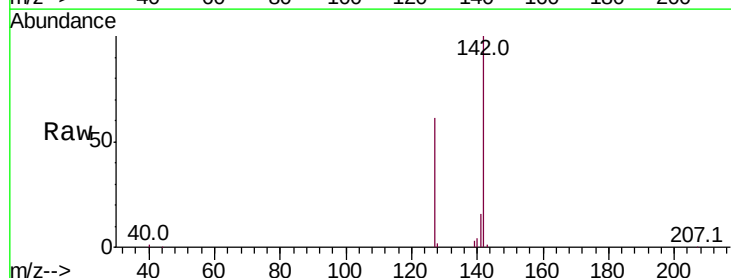
Tgt Ion:142 Resp: 112678

Ion Ratio Lower Upper

142 100

127 54.6 42.2 63.2

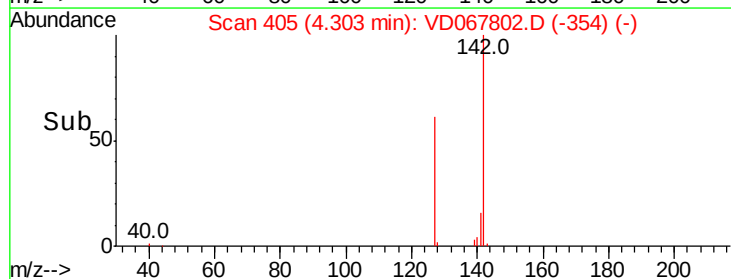
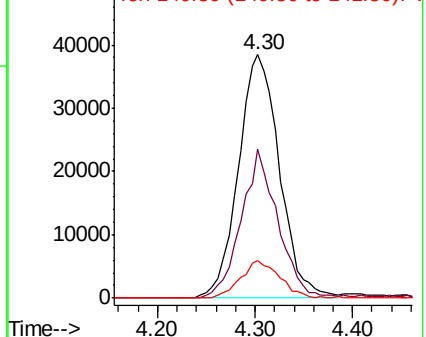
141 14.7 11.8 17.6

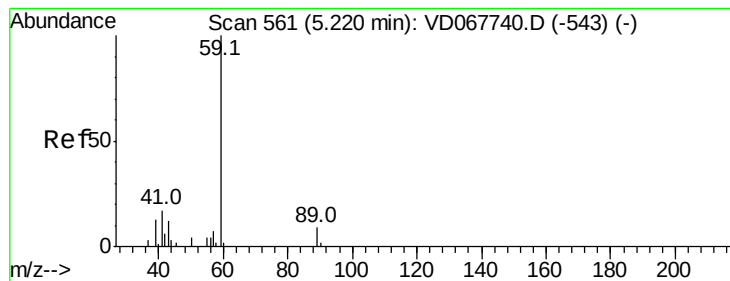


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 275.056 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

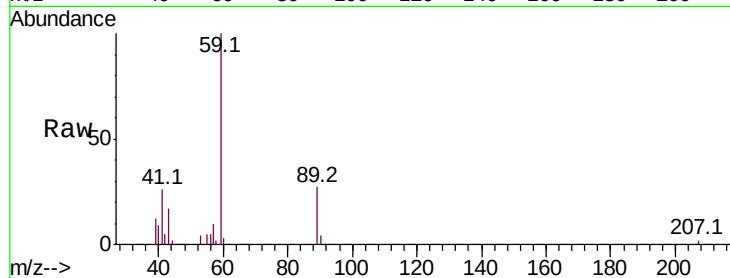
VSTDCCC050EC

Tot Ion: 59 Resp: 31999

Ion Ratio Lower Upper

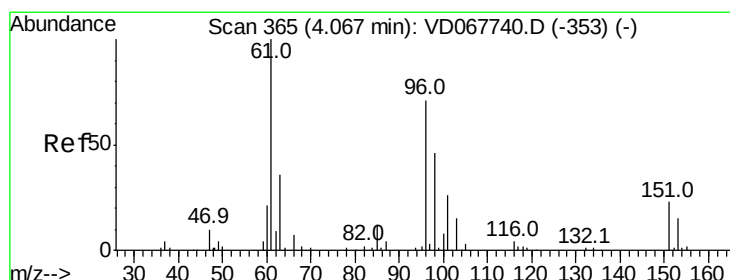
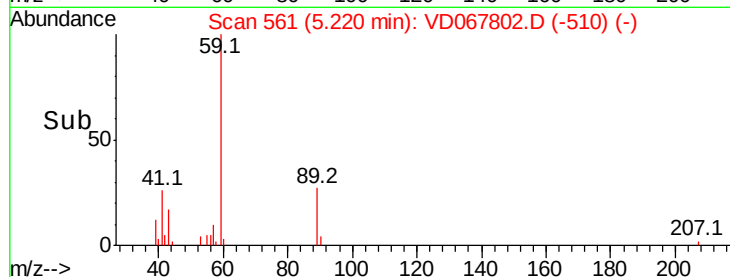
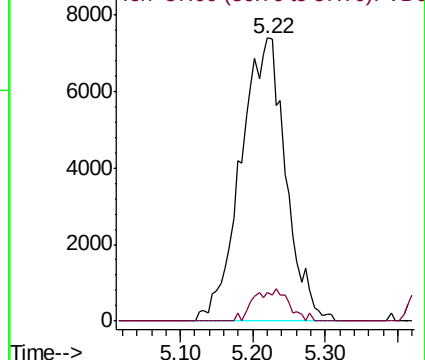
59 100

57 3.4 3.4 5.0



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 49.907 ug/l

RT: 4.07 min Scan# 366

Delta R.T. 0.01 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

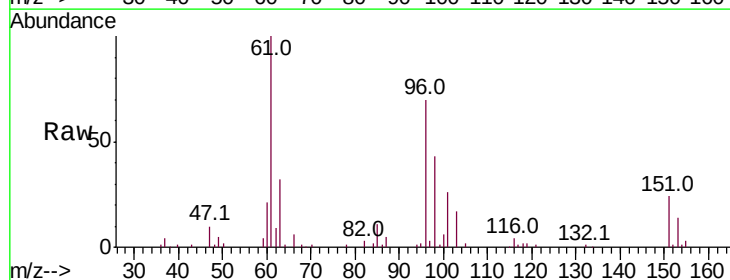
Tgt Ion: 96 Resp: 94720

Ion Ratio Lower Upper

96 100

61 142.6 112.9 169.3

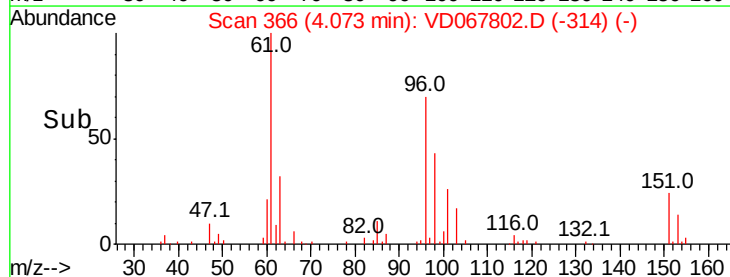
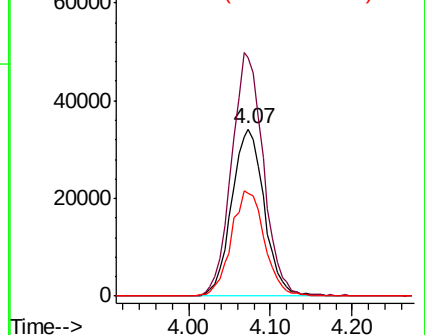
98 61.4 52.4 78.6

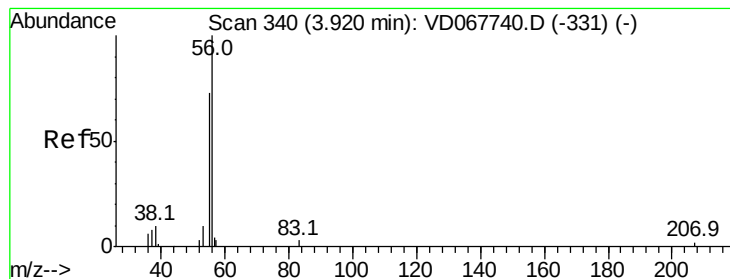


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 215.254 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

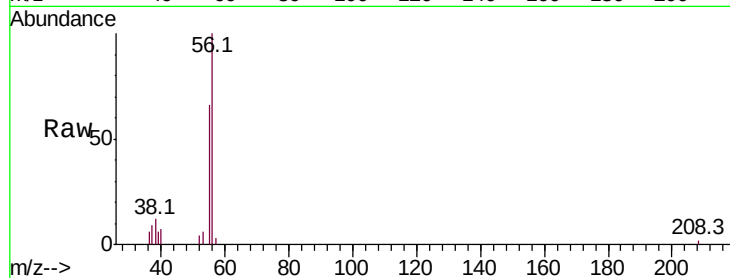
VSTDCCC050EC

Tot Ion: 56 Resp: 20058

Ion Ratio Lower Upper

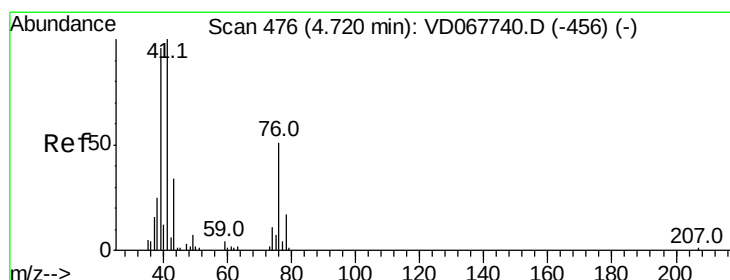
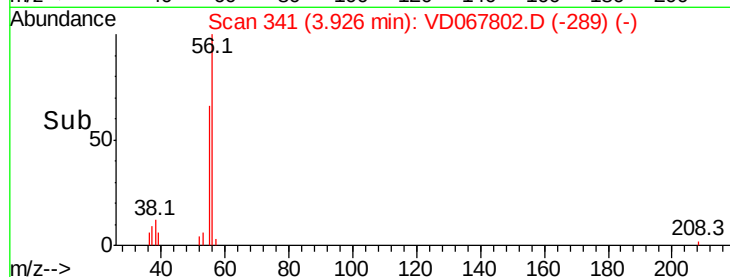
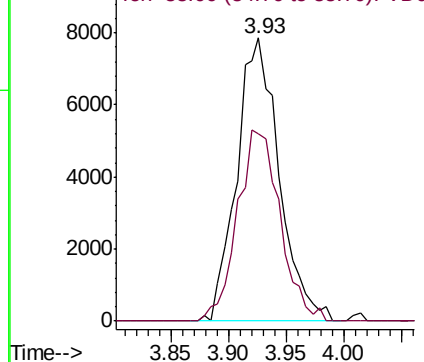
56 100

55 68.3 61.2 91.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 53.220 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

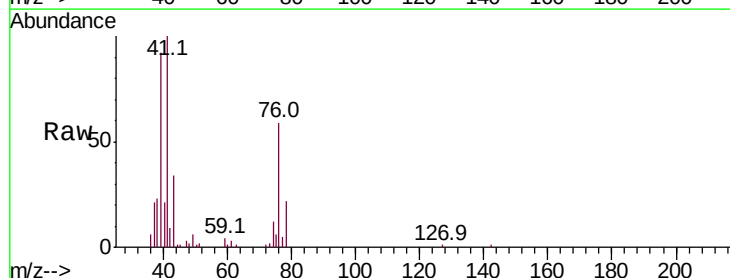
Tgt Ion: 41 Resp: 97640

Ion Ratio Lower Upper

41 100

39 95.1 74.6 111.8

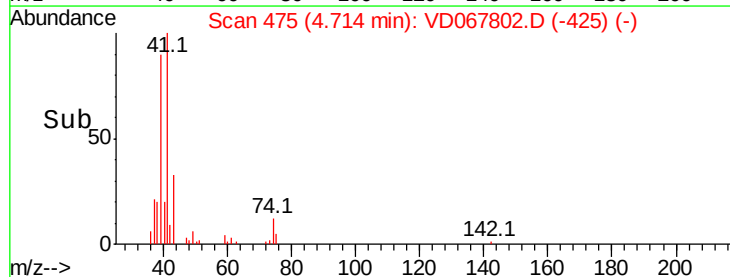
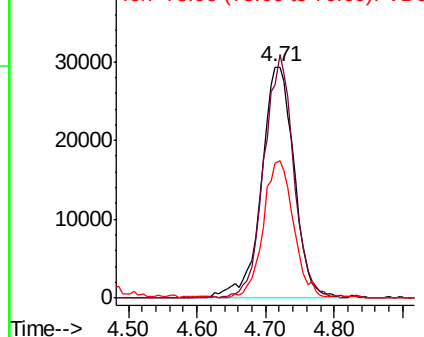
76 55.2 43.3 64.9

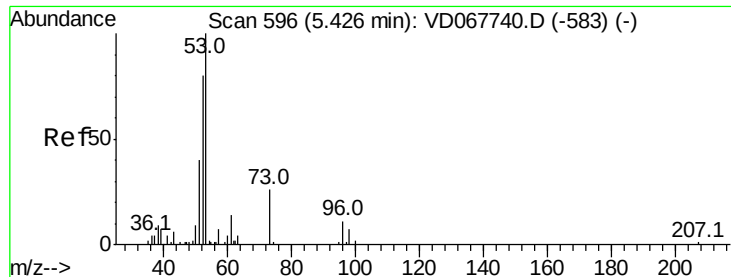


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 269.851 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

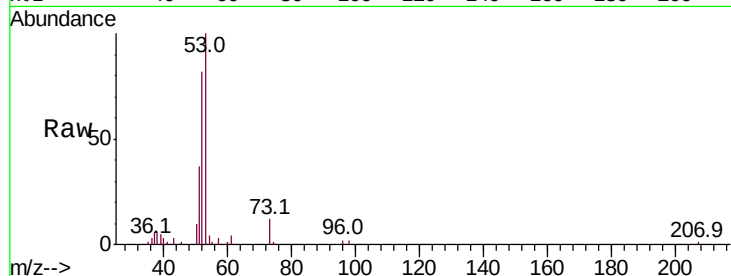
Tot Ion: 53 Resp: 81280

Ion Ratio Lower Upper

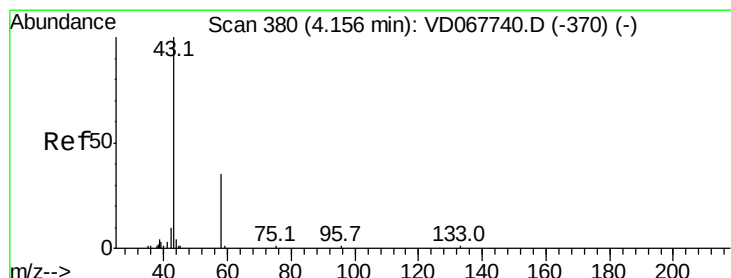
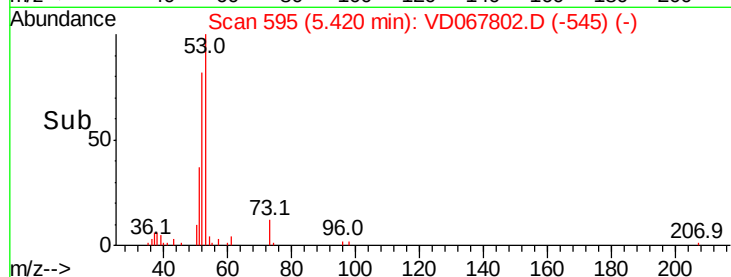
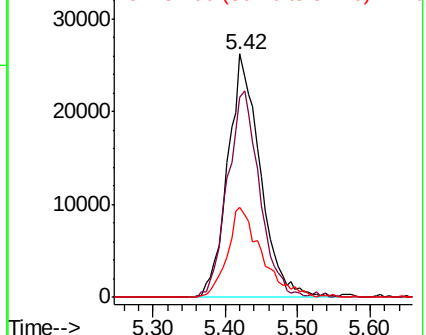
53 100

52 83.9 63.4 95.2

51 38.8 31.4 47.2



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 240.566 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067802.D

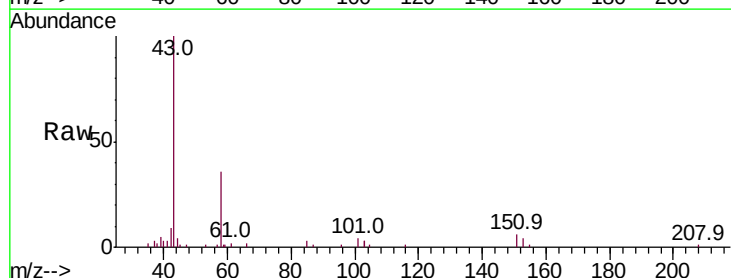
Acq: 25 Nov 2020 22:03

Tgt Ion: 43 Resp: 69867

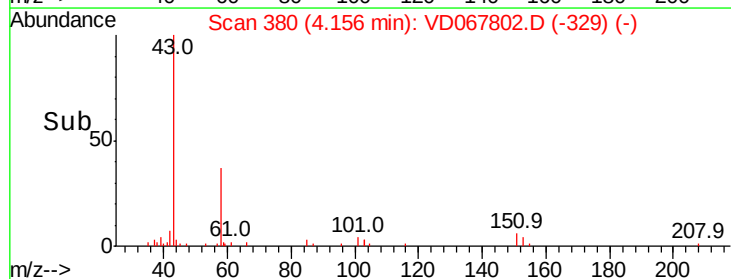
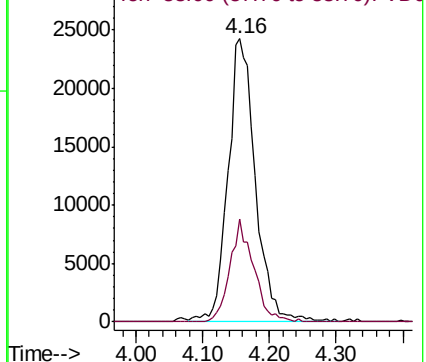
Ion Ratio Lower Upper

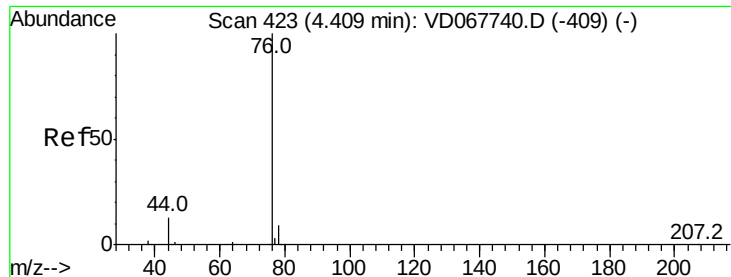
43 100

58 36.4 27.6 41.4



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





#17

Carbon Disulfide

Concen: 48.987 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

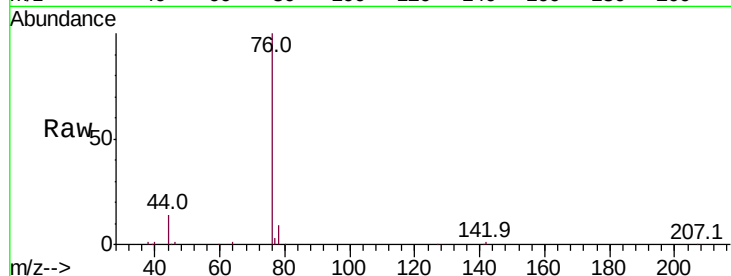
VSTDCCC050EC

Tot Ion: 76 Resp: 268907

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

100000

80000

60000

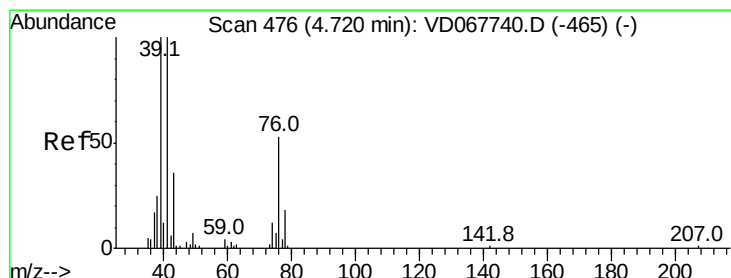
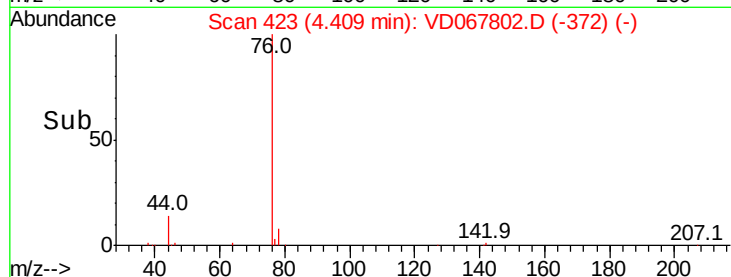
40000

20000

0

Time-->

4.30 4.40 4.50



#18

Methyl Acetate

Concen: 55.366 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.00 min

Lab File: VD067802.D

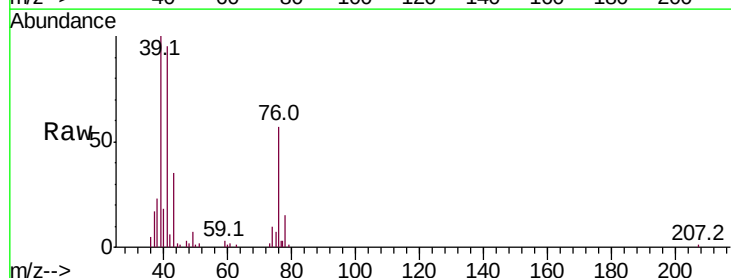
Acq: 25 Nov 2020 22:03

Tgt Ion: 43 Resp: 32350

Ion Ratio Lower Upper

43 100

74 35.1 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.72

12000

10000

8000

6000

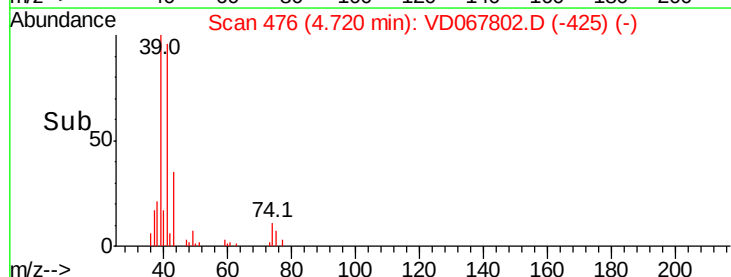
4000

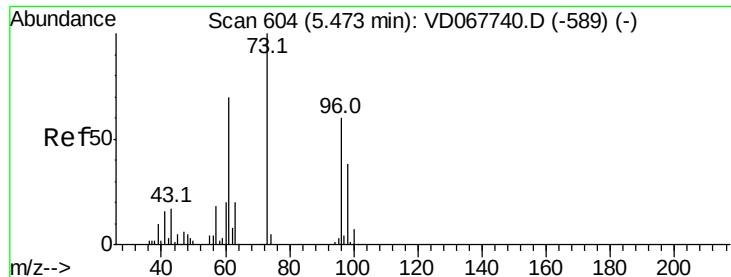
2000

0

Time-->

4.60 4.70 4.80





#19

Methyl tert-butyl Ether

Concen: 56.296 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

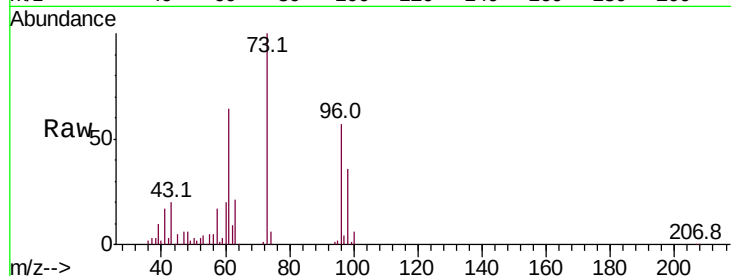
VSTDCCC050EC

Tot Ion: 73 Resp: 228348

Ion Ratio Lower Upper

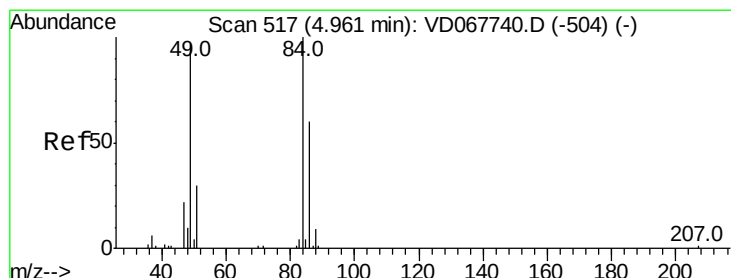
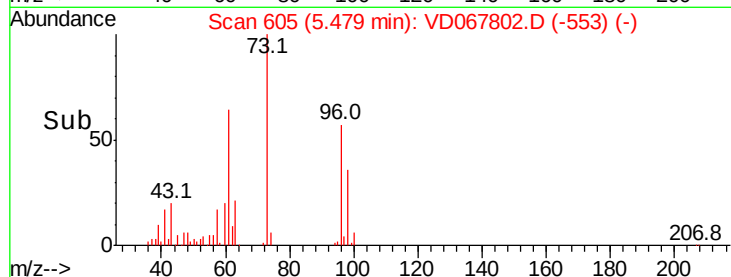
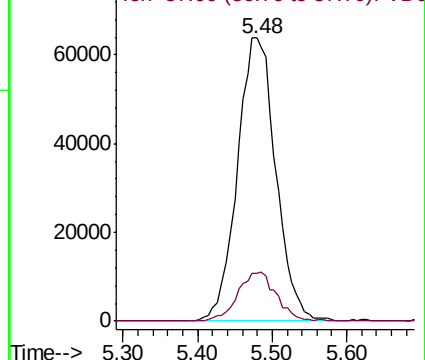
73 100

57 16.7 14.8 22.2



Abundance Ion 73.00 (72.70 to 73.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#20

Methylene Chloride

Concen: 56.029 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Tgt Ion: 84 Resp: 121237

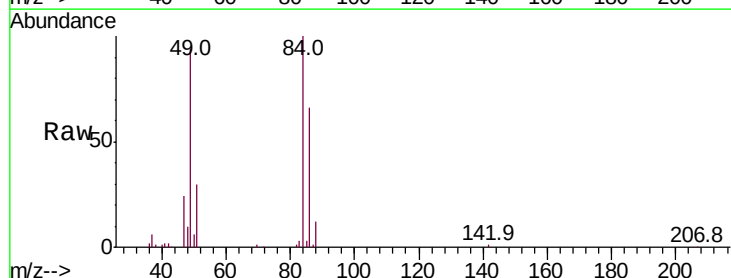
Ion Ratio Lower Upper

84 100

49 93.9 77.4 116.2

51 30.1 24.1 36.1

86 66.0 48.2 72.2

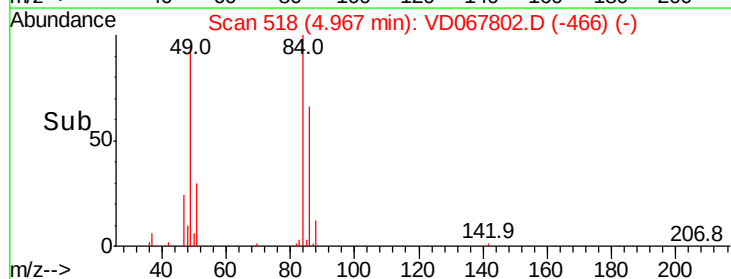
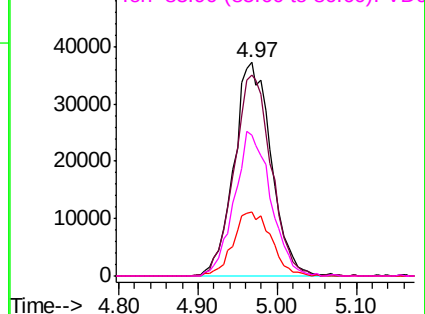


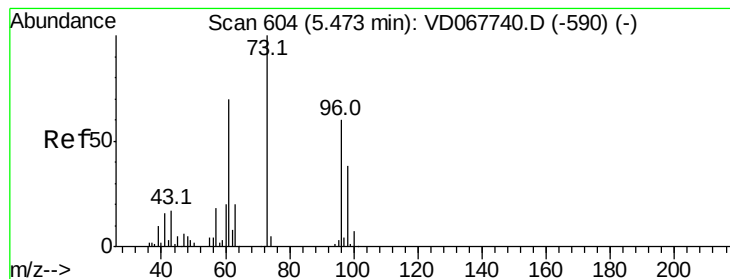
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 51.991 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

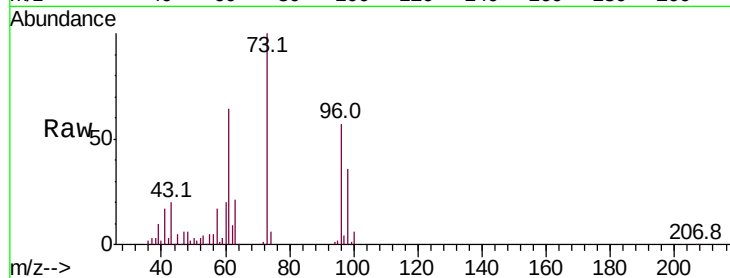
Tot Ion: 96 Resp: 112185

Ion Ratio Lower Upper

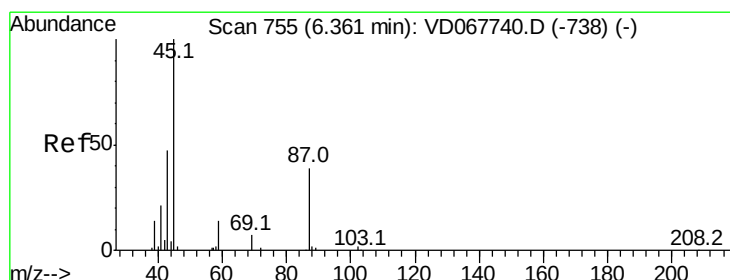
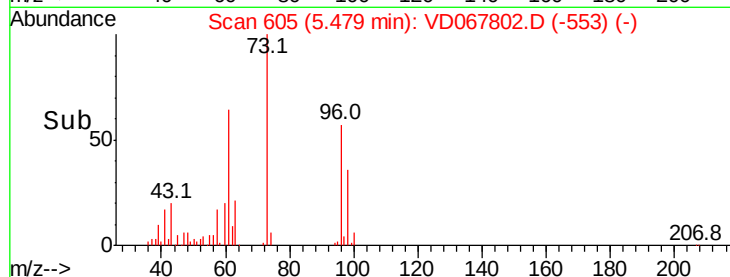
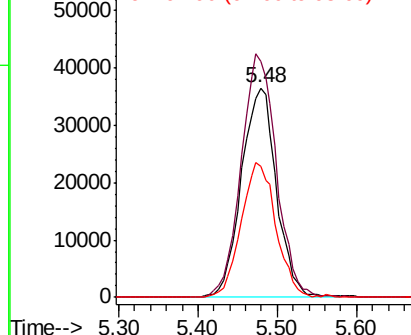
96 100

61 112.4 94.0 141.0

98 62.6 51.3 76.9



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: 54.552 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Tgt Ion: 45 Resp: 197561

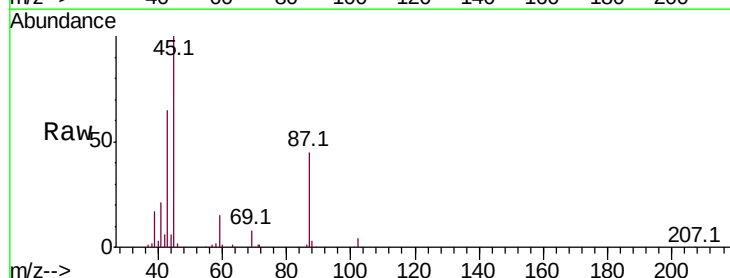
Ion Ratio Lower Upper

45 100

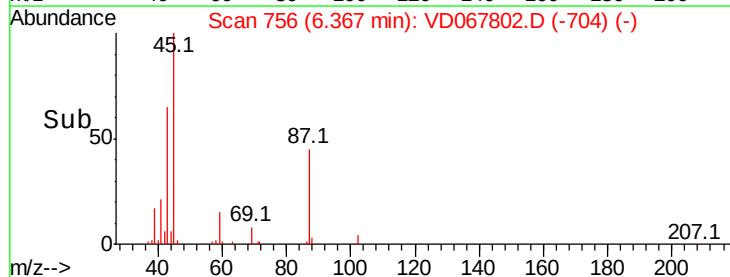
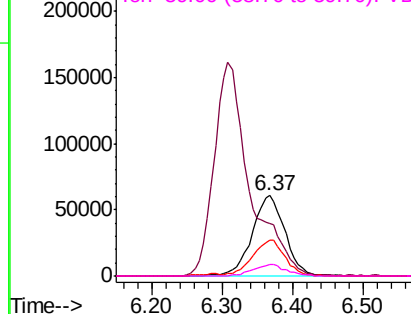
43 63.7 46.8 70.2

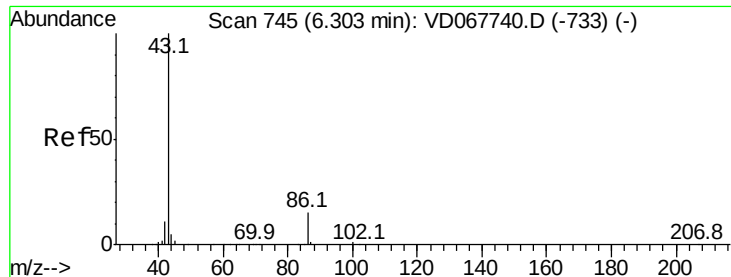
87 44.4 32.9 49.3

59 14.6 11.2 16.8



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: 279.803 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

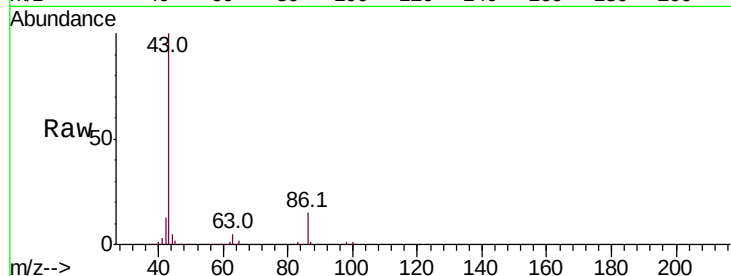
VSTDCCC050EC

Tot Ion: 43 Resp: 571597

Ion Ratio Lower Upper

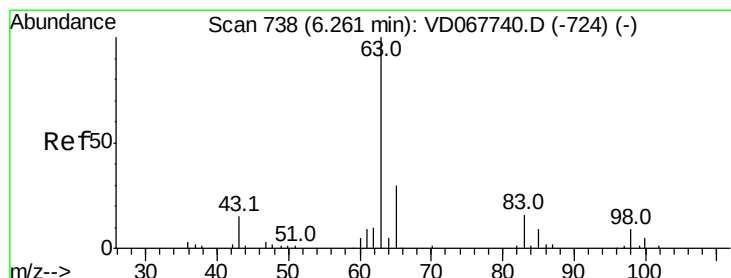
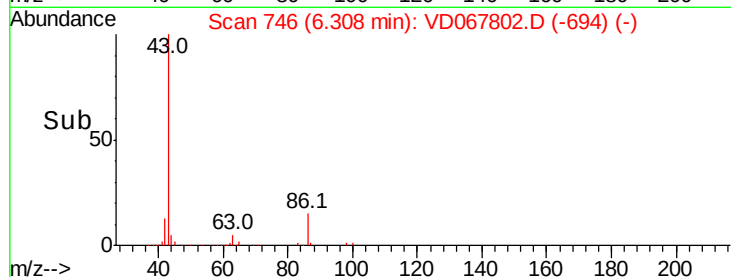
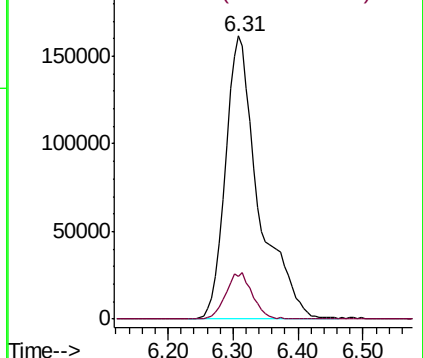
43 100

86 15.1 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 53.842 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

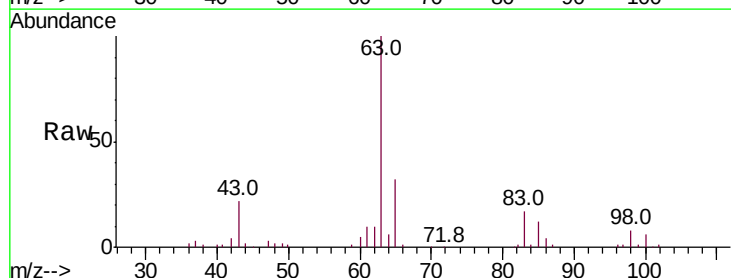
Tgt Ion: 63 Resp: 165317

Ion Ratio Lower Upper

63 100

98 8.5 4.4 13.2

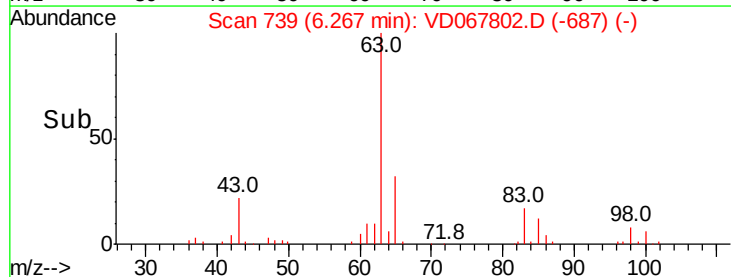
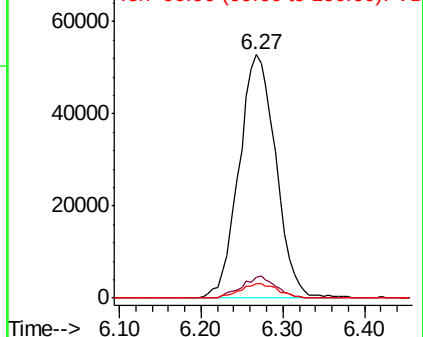
100 5.8 2.6 8.0

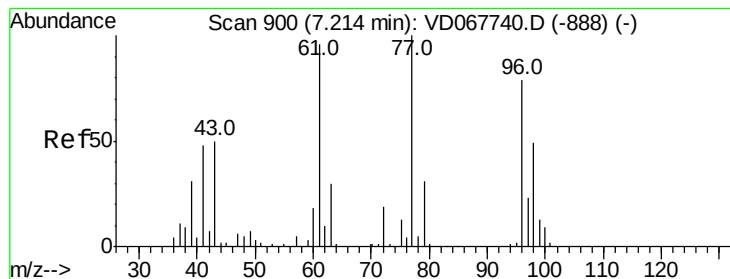


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 253.935 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

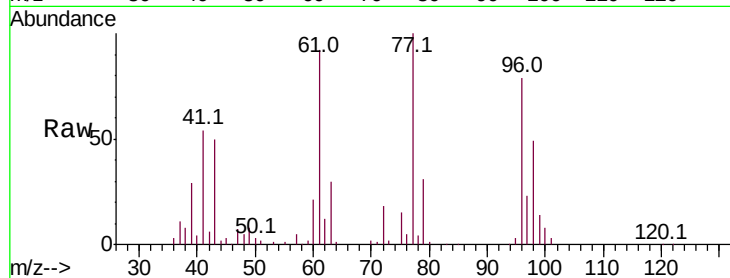
VSTDCCC050EC

Tot Ion: 43 Resp: 82758

Ion Ratio Lower Upper

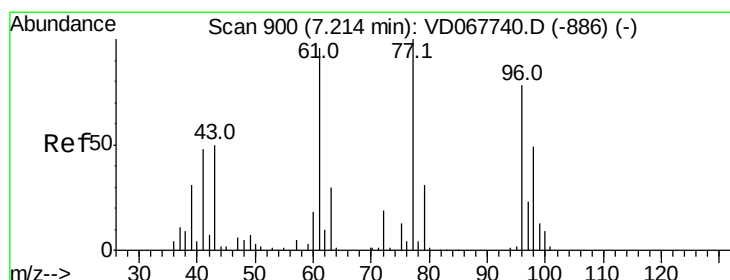
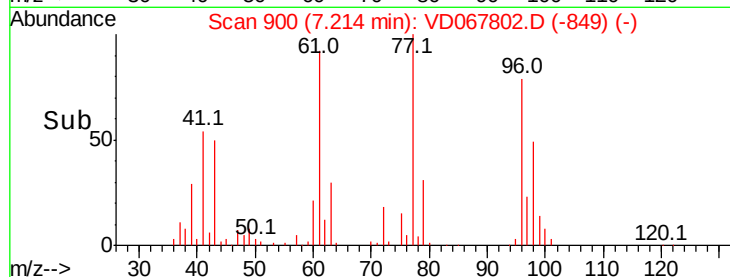
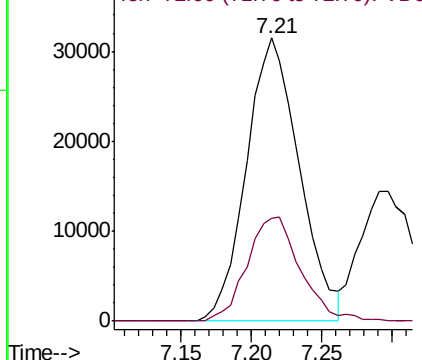
43 100

72 36.1 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 48.905 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067802.D

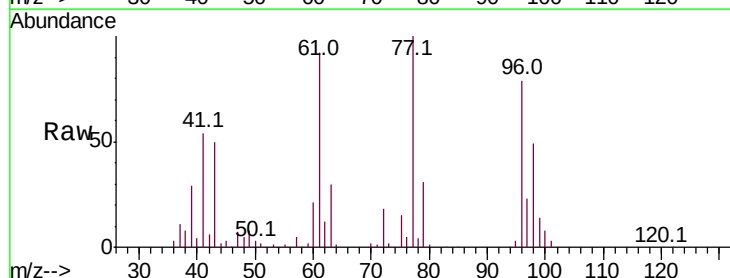
Acq: 25 Nov 2020 22:03

Tgt Ion: 77 Resp: 177143

Ion Ratio Lower Upper

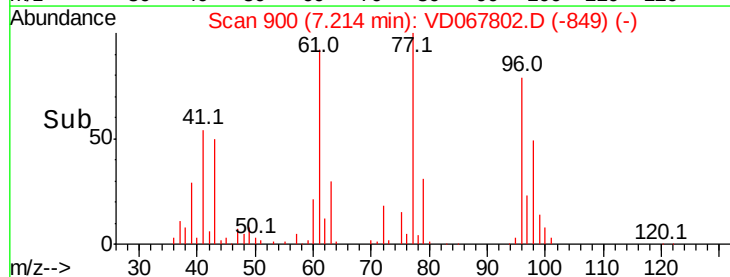
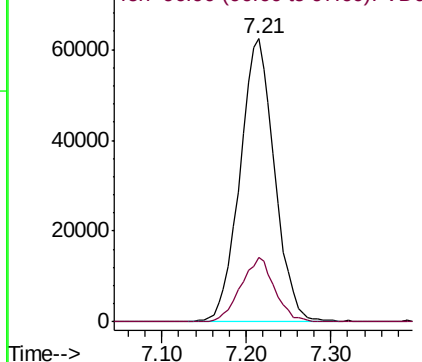
77 100

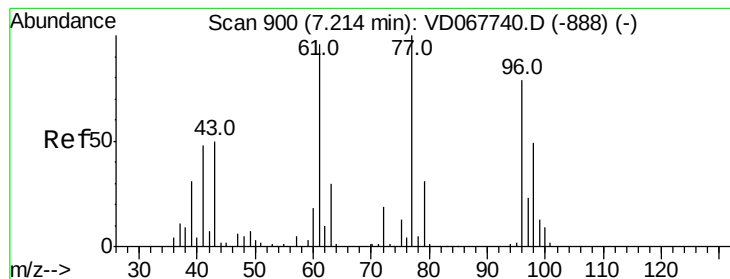
97 22.2 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



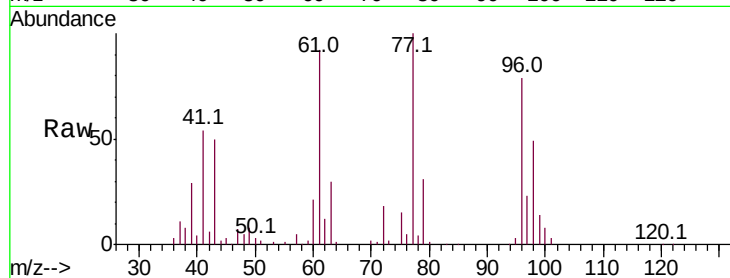


#27

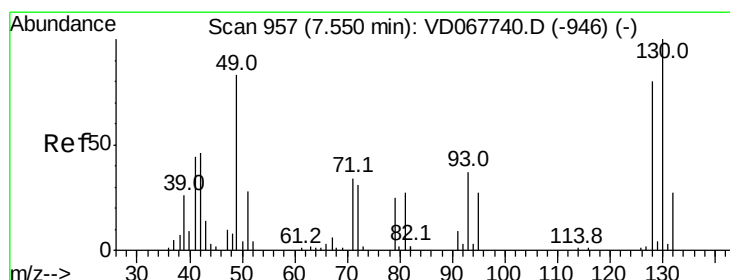
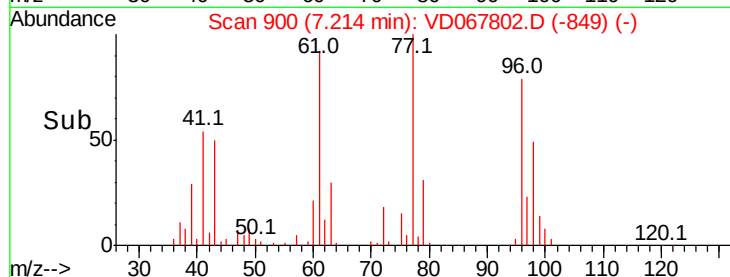
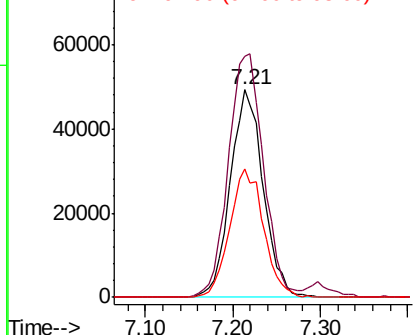
cis-1,2-Dichloroethene
Concen: 54.656 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 125707
Ion Ratio Lower Upper
96 100
61 125.1 0.0 258.0
98 63.8 0.0 131.8



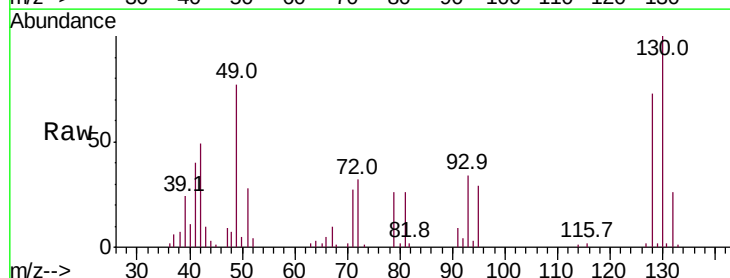
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



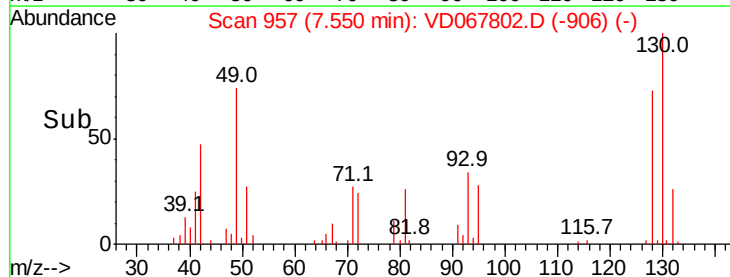
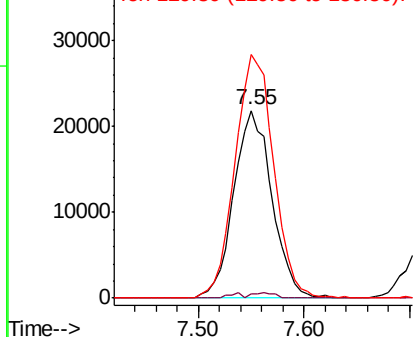
#28

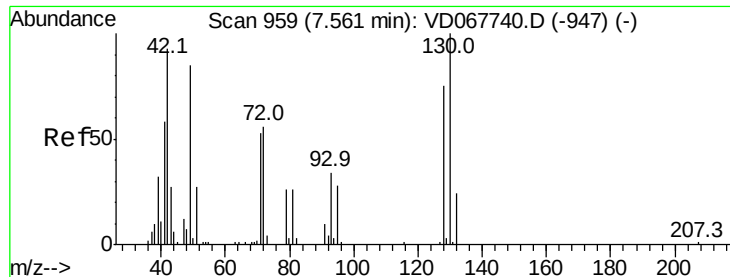
Bromochloromethane
Concen: 55.703 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

Tgt Ion: 49 Resp: 54785
Ion Ratio Lower Upper
49 100
129 0.8 0.0 7.0
130 131.8 102.2 153.4



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

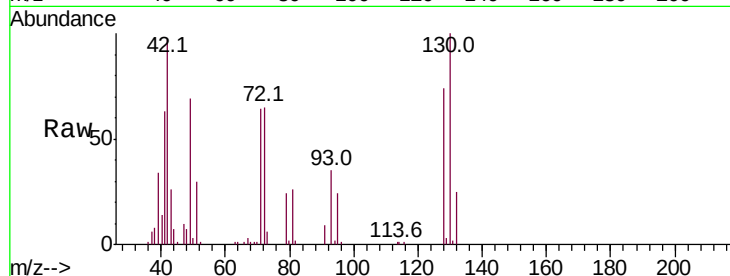




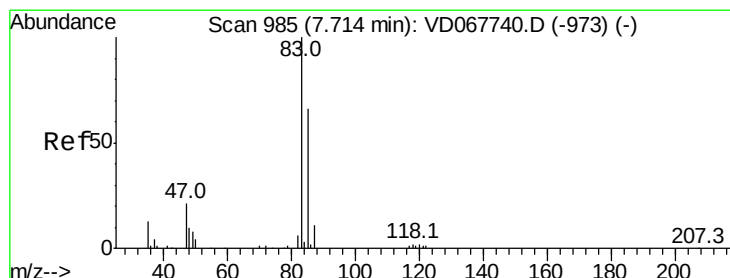
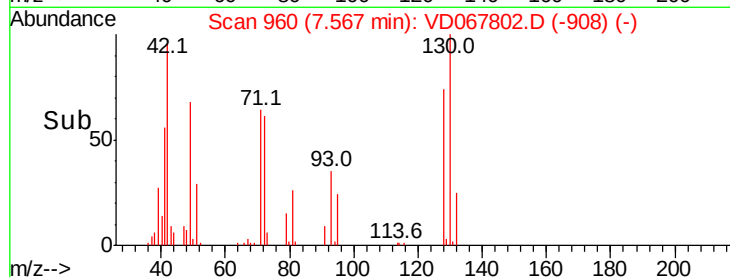
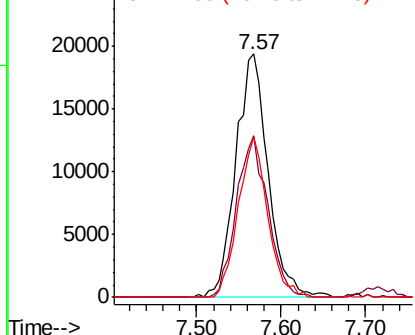
#29
Tetrahydrofuran
Concen: 276.828 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 51295
Ion Ratio Lower Upper
42 100
72 64.5 49.3 73.9
71 59.5 45.9 68.9

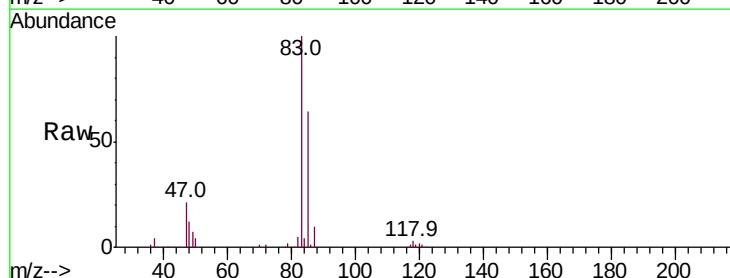


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

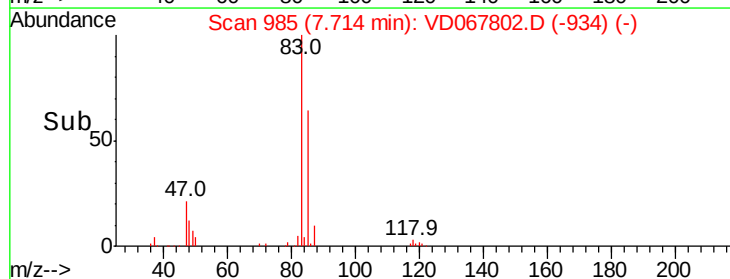
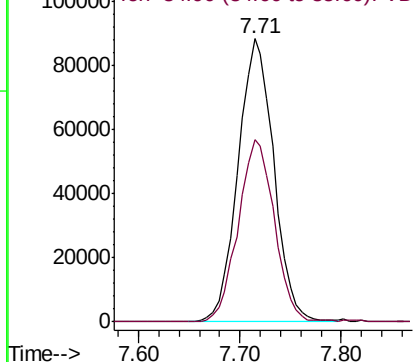


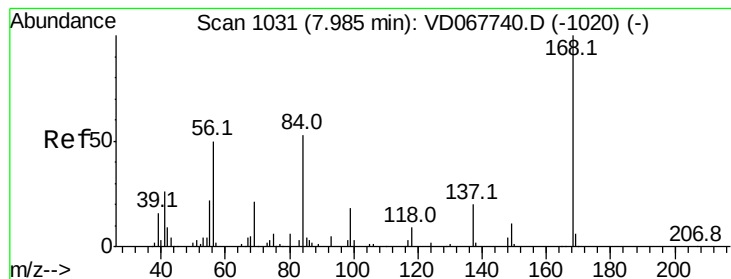
#30
Chloroform
Concen: 53.968 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

Tgt Ion: 83 Resp: 216685
Ion Ratio Lower Upper
83 100
85 64.3 53.1 79.7



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





#31

Cyclohexane

Concen: 44.188 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

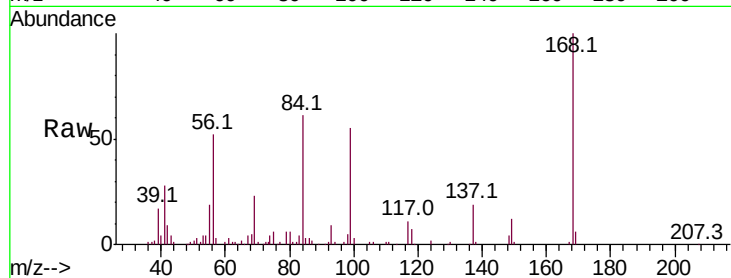
Tot Ion: 56 Resp: 120198

Ion Ratio Lower Upper

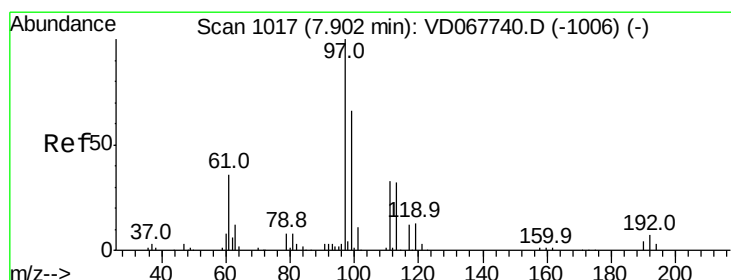
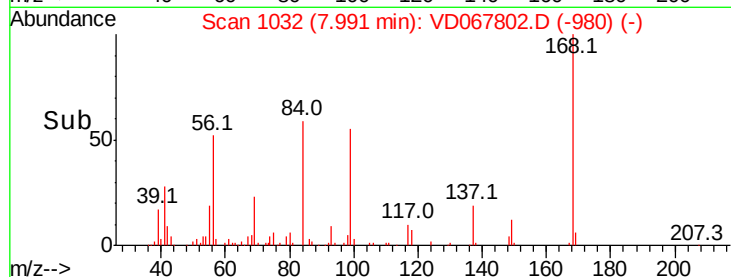
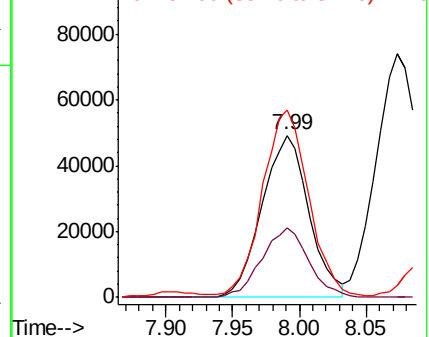
56 100

69 43.1 33.2 49.8

84 112.9 84.8 127.2



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



#32

1,1,1-Trichloroethane

Concen: 51.246 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

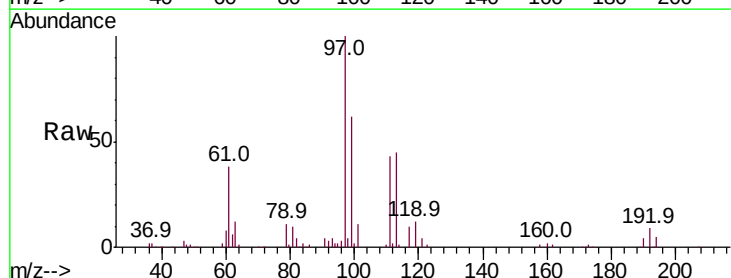
Tgt Ion: 97 Resp: 217905

Ion Ratio Lower Upper

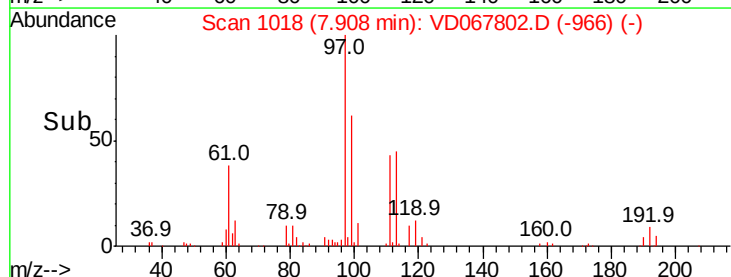
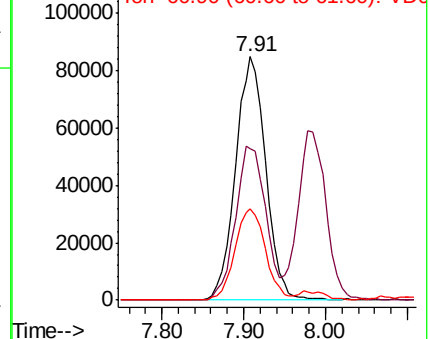
97 100

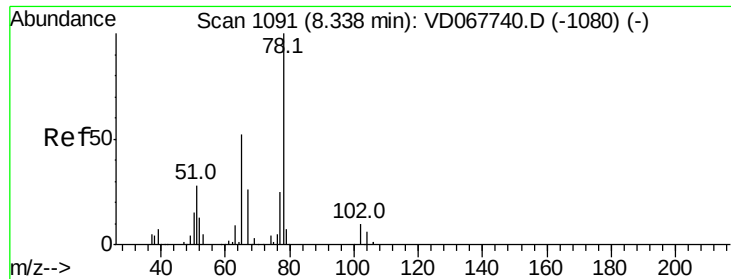
99 63.1 51.1 76.7

61 37.7 29.4 44.2



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

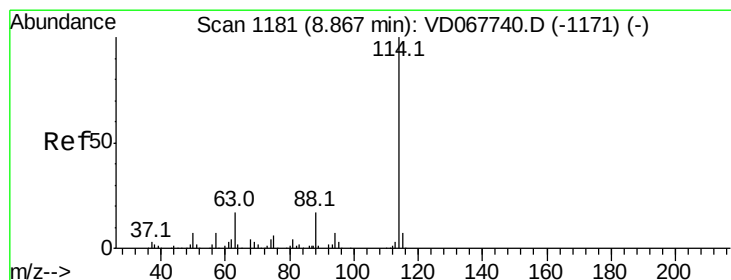
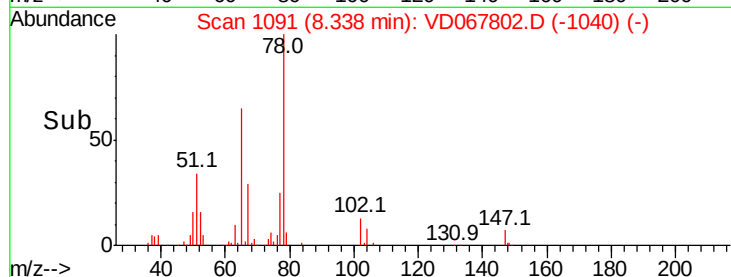
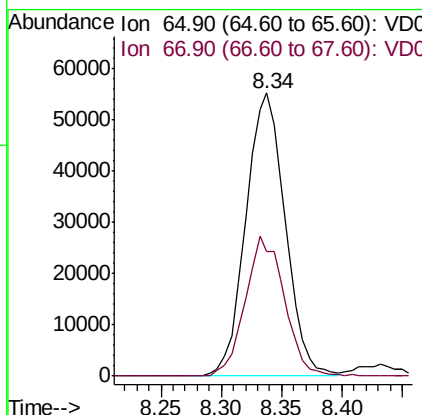
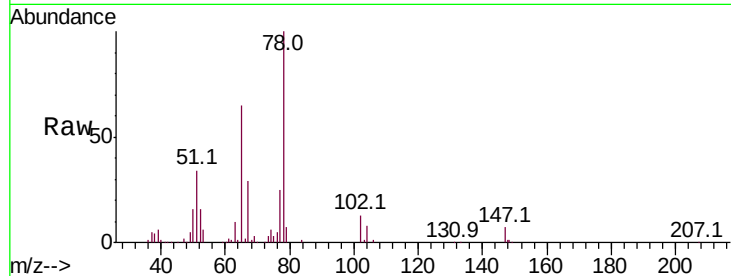




#33
 1,2-Dichloroethane-d4
 Concen: 55.844 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067802.D
 Acq: 25 Nov 2020 22:03

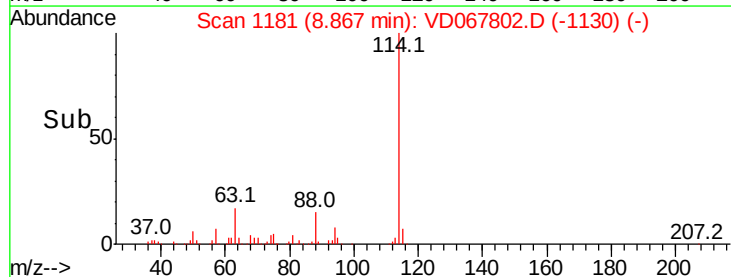
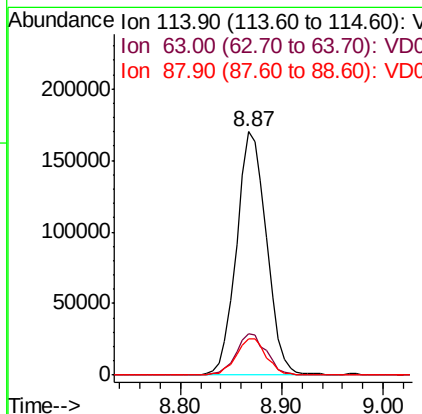
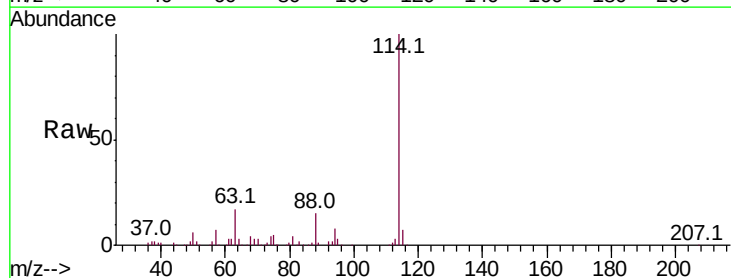
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

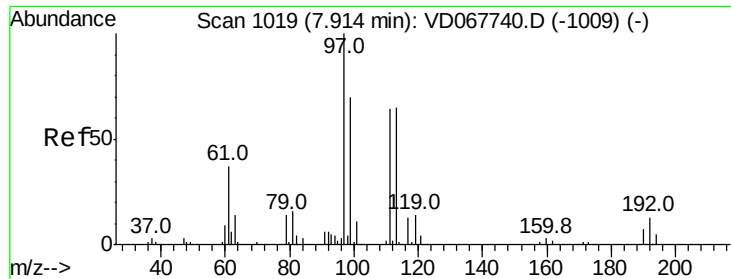
Tot Ion: 65 Resp: 125543
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067802.D
 Acq: 25 Nov 2020 22:03

Tgt Ion: 114 Resp: 348644
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 34.8
 88 14.8 0.0 34.4

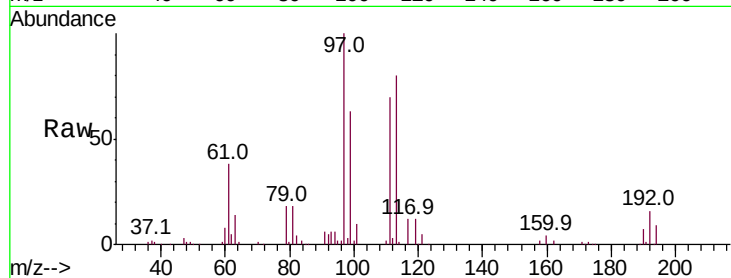




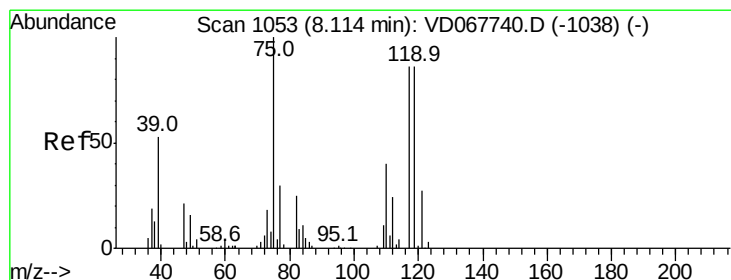
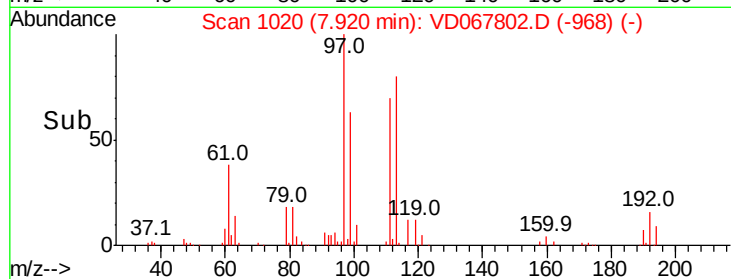
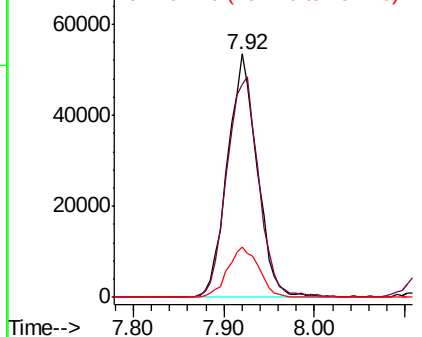
#35
 Dibromofluoromethane
 Concen: 54.857 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067802.D
 Acq: 25 Nov 2020 22:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	97.8	81.4	122.0
192	21.4	17.0	25.4

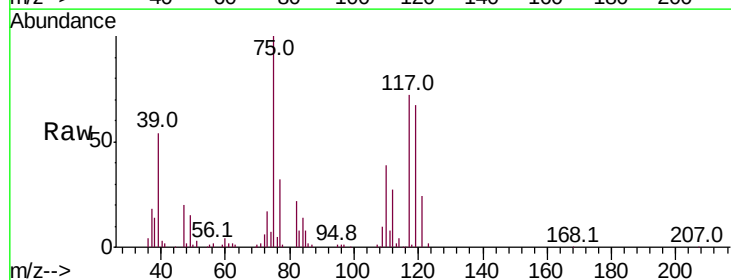


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

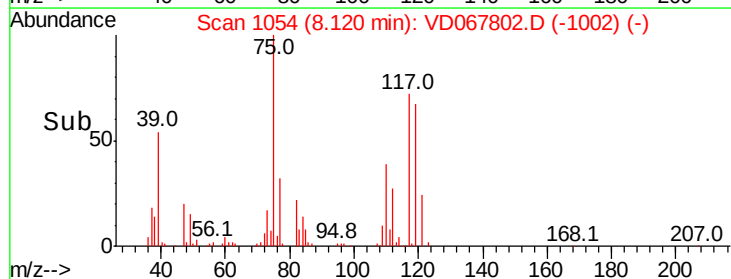
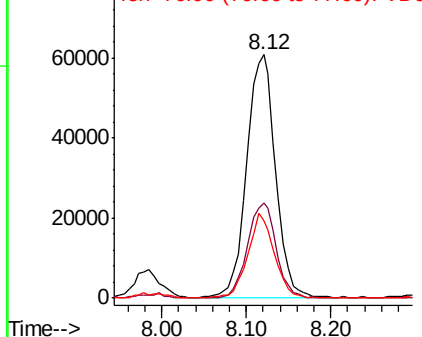


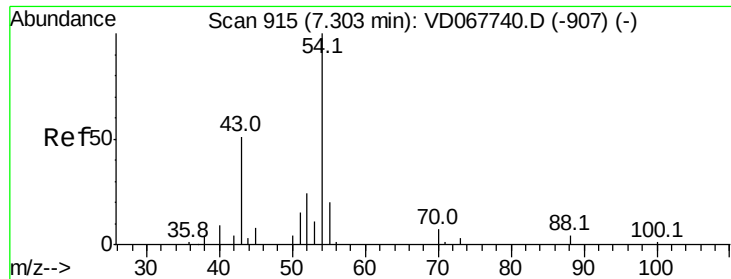
#36
 1,1-Dichloropropene
 Concen: 48.640 ug/l
 RT: 8.12 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VD067802.D
 Acq: 25 Nov 2020 22:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.8	20.1	60.2
77	31.7	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

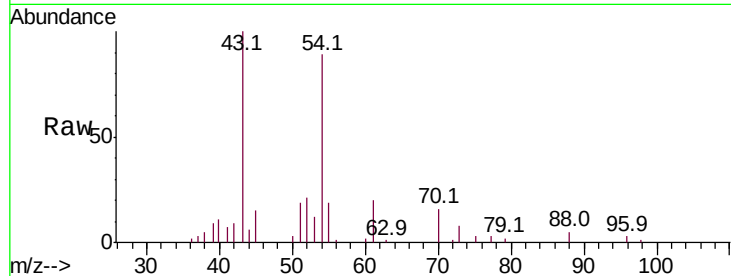




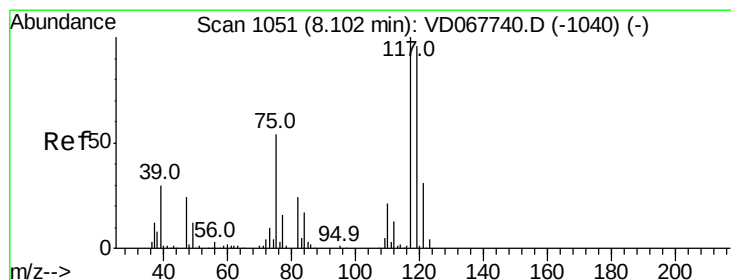
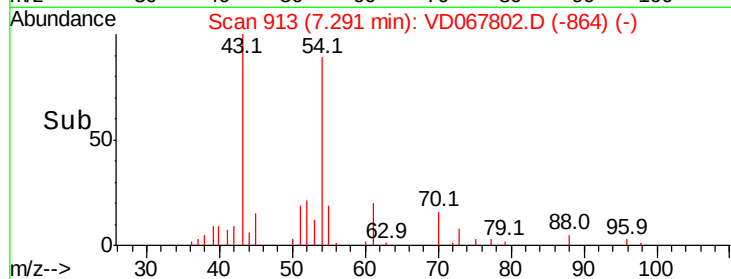
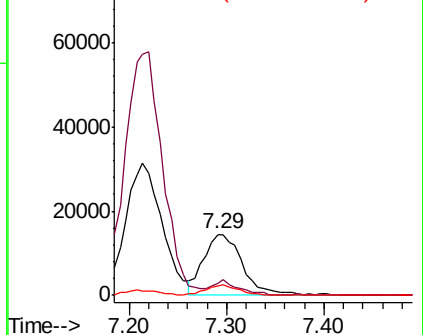
#37
Ethyl Acetate
Concen: 49.886 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 40131
Ion Ratio Lower Upper
43 100
61 17.9 12.9 19.3
70 14.9 12.2 18.2

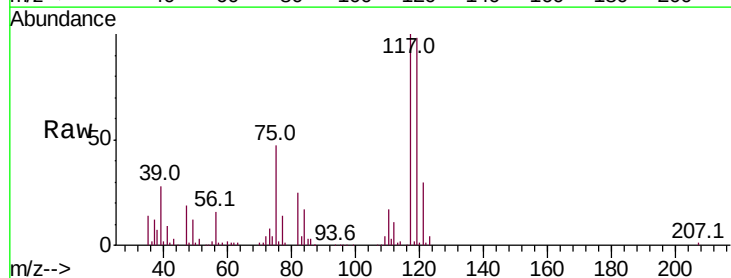


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

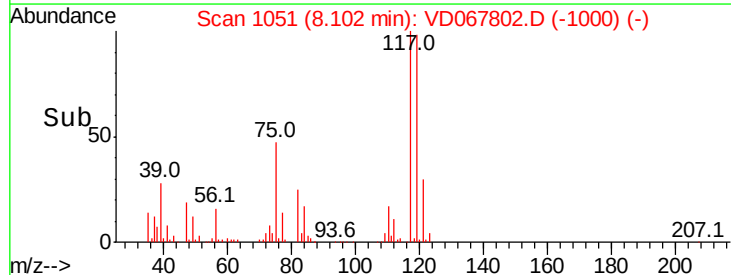
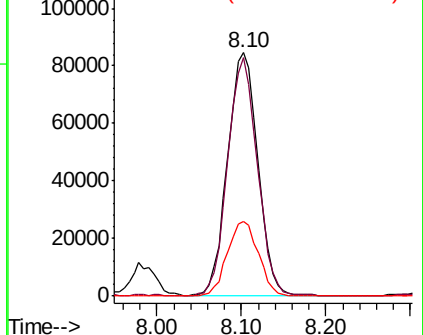


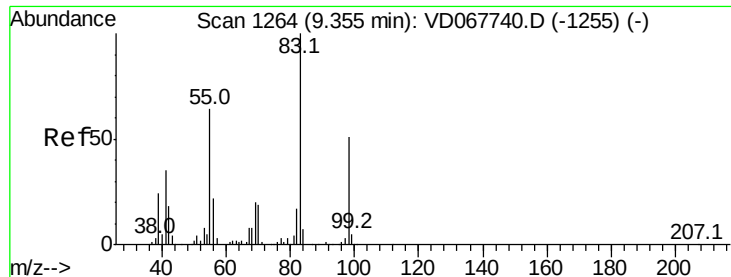
#38
Carbon Tetrachloride
Concen: 48.488 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

Tgt Ion: 117 Resp: 210279
Ion Ratio Lower Upper
117 100
119 97.6 76.6 115.0
121 30.5 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

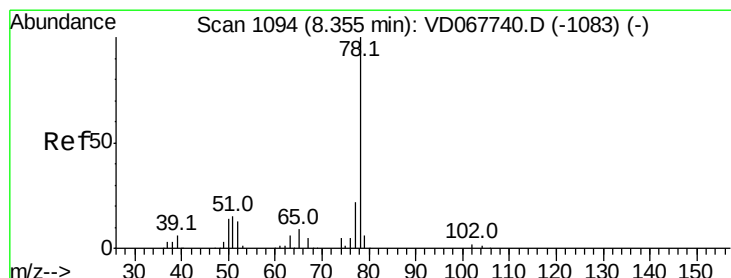
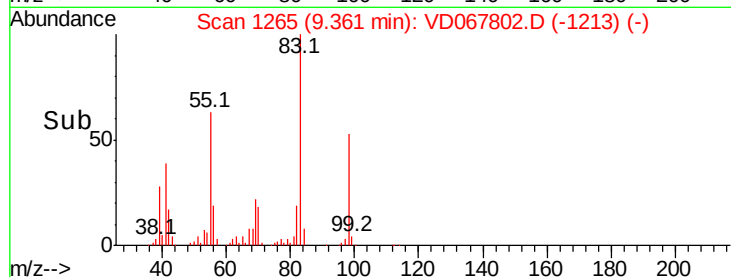
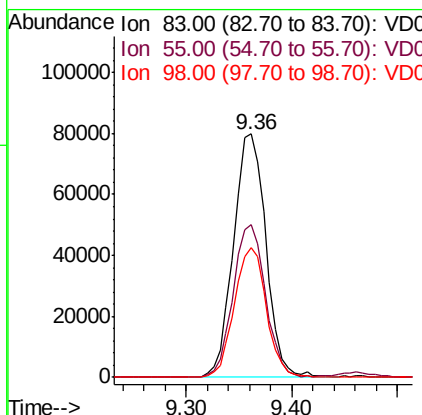
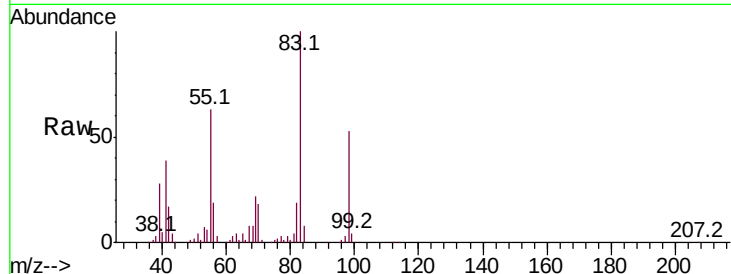




#39
Methylvlcyclohexane
Concen: 47.965 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

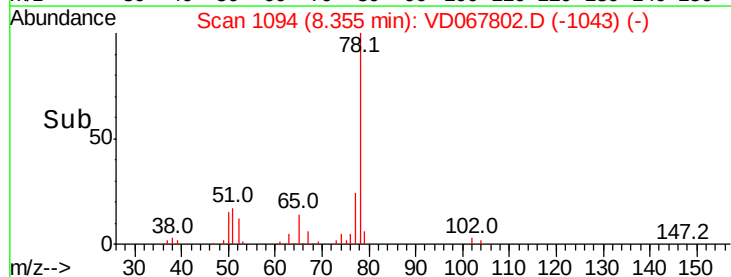
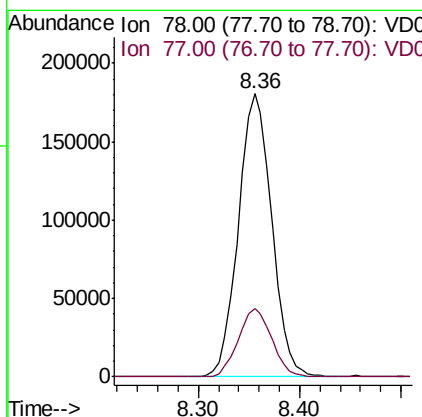
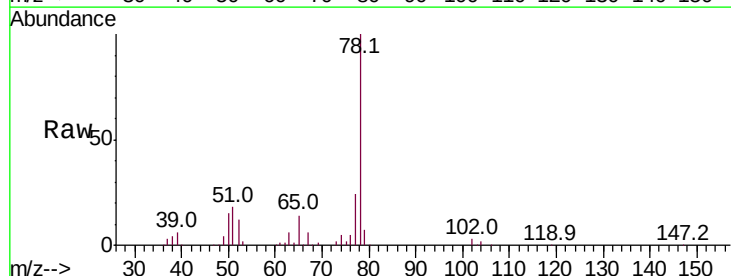
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

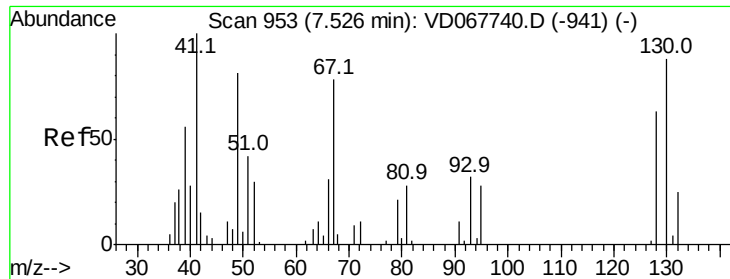
Tot Ion: 83 Resp: 169822
Ion Ratio Lower Upper
83 100
55 62.7 51.0 76.4
98 53.3 40.4 60.6



#40
Benzene
Concen: 50.200 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

Tgt Ion: 78 Resp: 412477
Ion Ratio Lower Upper
78 100
77 24.0 17.8 26.6

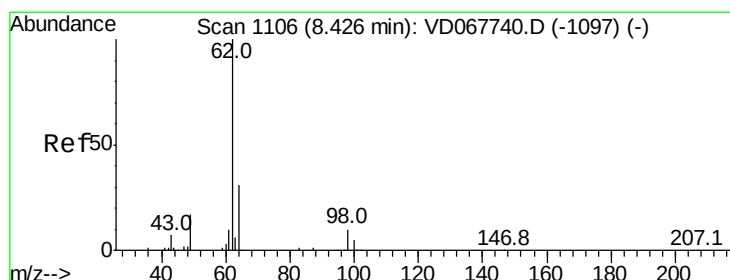
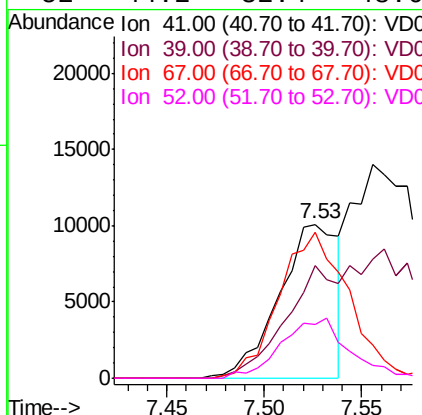
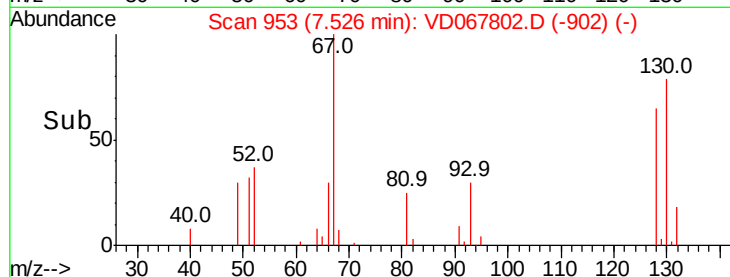
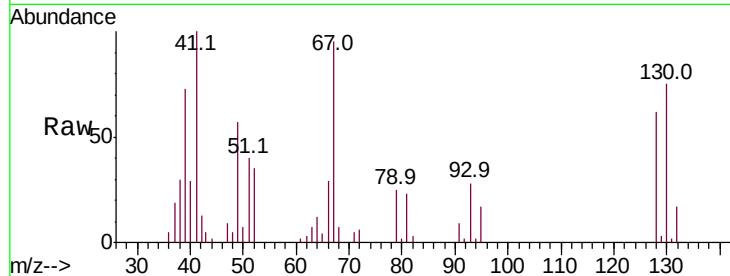




#41
Methacrylonitrile
Concen: 51.869 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.00 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

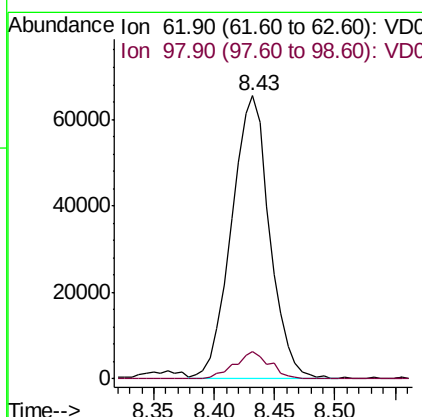
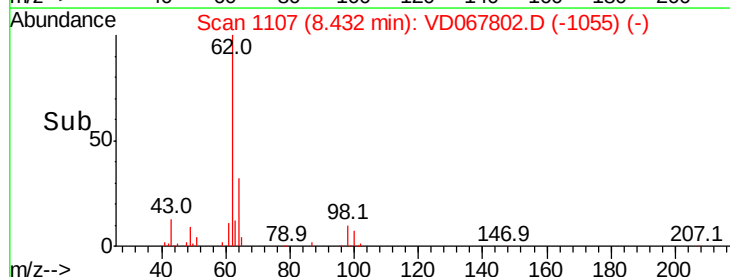
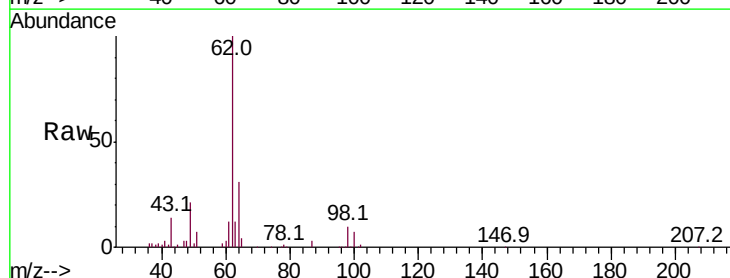
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

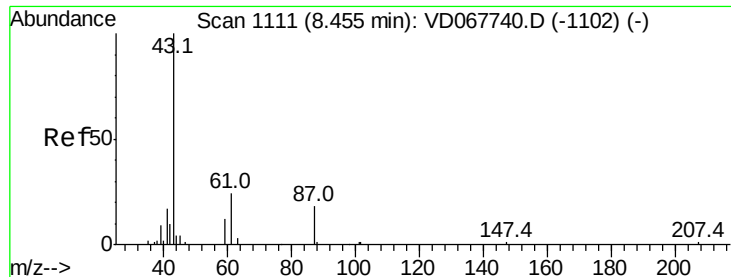
Tot Ion:	41	Resp:	21307
Ion	Ratio	Lower	Upper
41	100		
39	64.0	50.2	75.4
67	111.8	79.0	118.6
52	44.2	32.4	48.6



#42
1,2-Dichloroethane
Concen: 51.381 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

Tgt Ion:	62	Resp:	143250
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2





#43

Isopropyl Acetate

Concen: 50.557 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

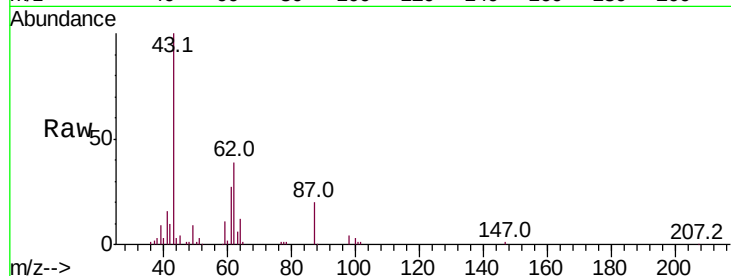
Tot Ion: 43 Resp: 81221

Ion Ratio Lower Upper

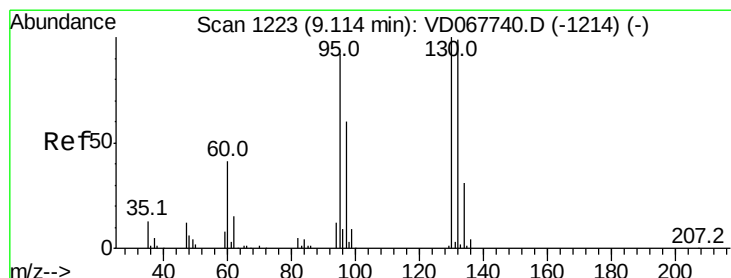
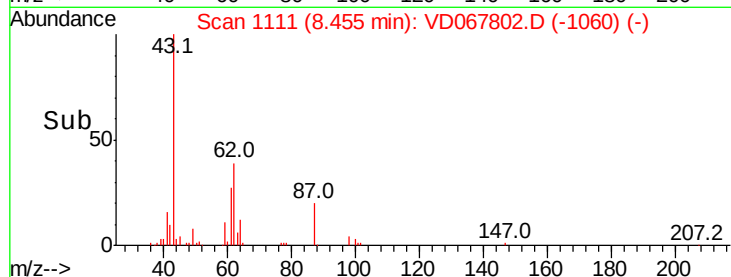
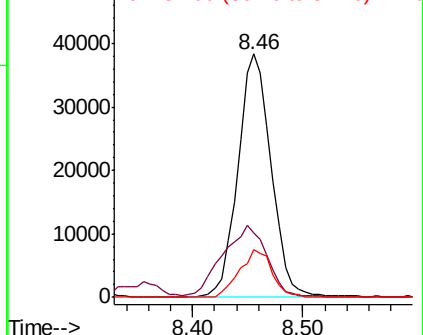
43 100

61 39.3 30.2 45.4

87 19.3 14.2 21.4



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



#44

Trichloroethene

Concen: 50.612 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD067802.D

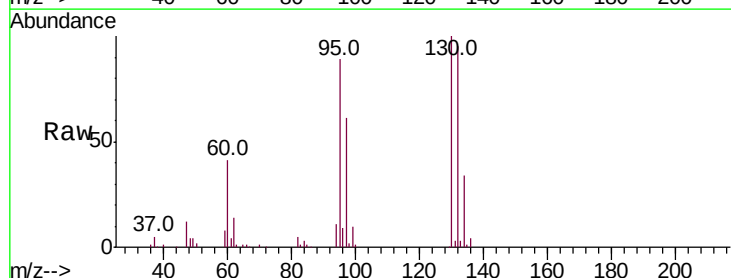
Acq: 25 Nov 2020 22:03

Tgt Ion:130 Resp: 137830

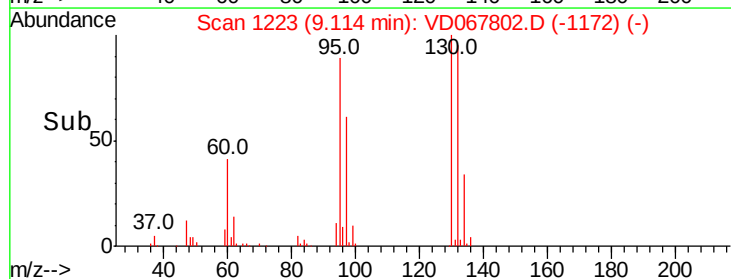
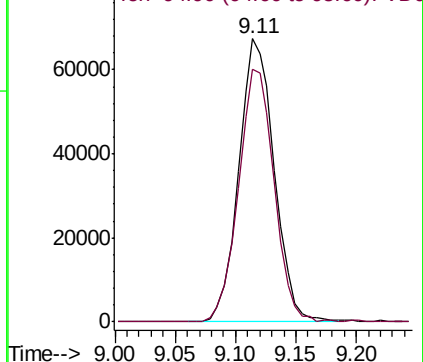
Ion Ratio Lower Upper

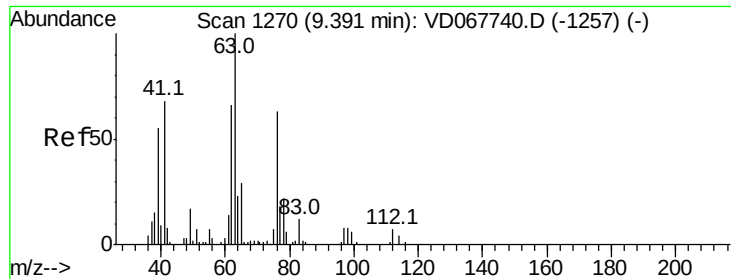
130 100

95 89.1 0.0 184.2



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

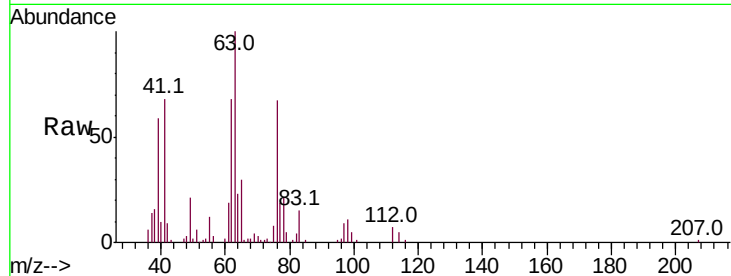




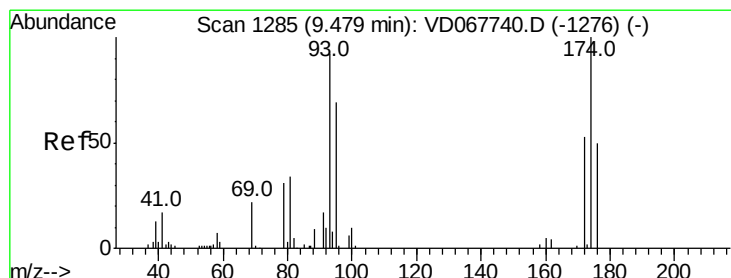
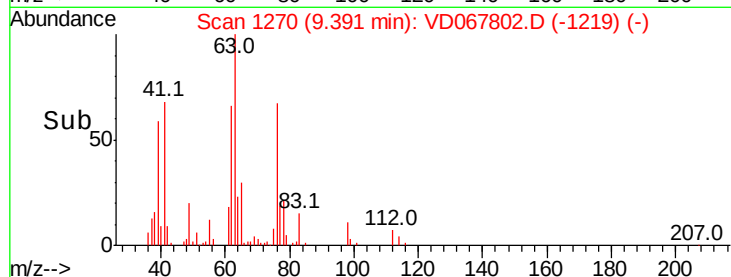
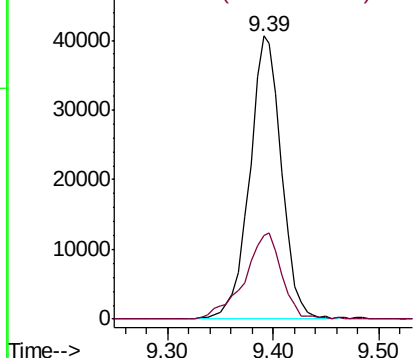
#45
 1,2-Dichloropropane
 Concen: 50.586 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD067802.D
 Acq: 25 Nov 2020 22:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 85288
 Ion Ratio Lower Upper
 63 100
 65 29.5 23.1 34.7

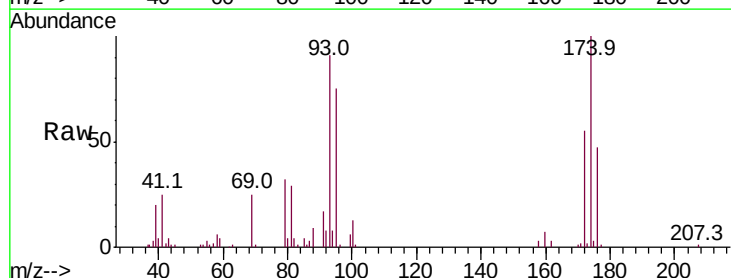


Abundance Ion 62.90 (62.60 to 63.60): VDC
 Ion 64.90 (64.60 to 65.60): VDC

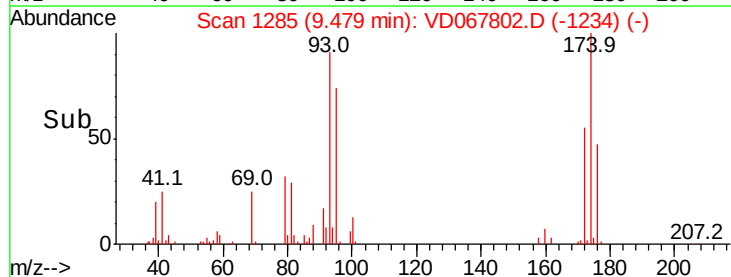
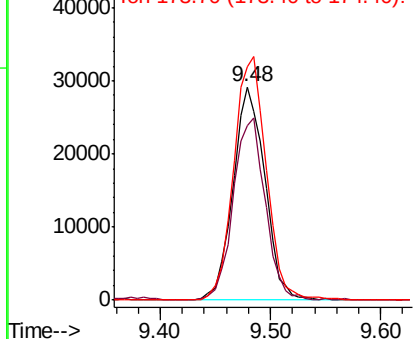


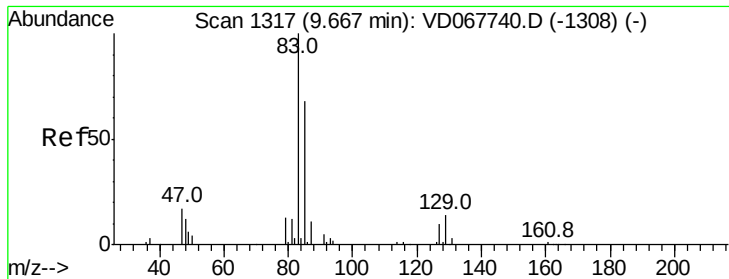
#46
 Dibromomethane
 Concen: 51.447 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067802.D
 Acq: 25 Nov 2020 22:03

Tgt Ion: 93 Resp: 59053
 Ion Ratio Lower Upper
 93 100
 95 85.6 63.4 95.2
 174 116.7 89.6 134.4



Abundance Ion 92.80 (92.50 to 93.50): VDC
 Ion 94.80 (94.50 to 95.50): VDC
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.666 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

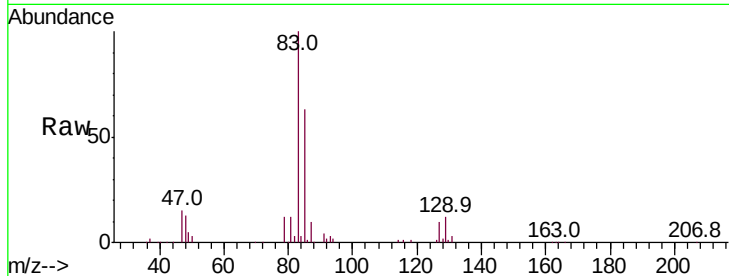
Tot Ion: 83 Resp: 168338

Ion Ratio Lower Upper

83 100

85 63.2 54.2 81.2

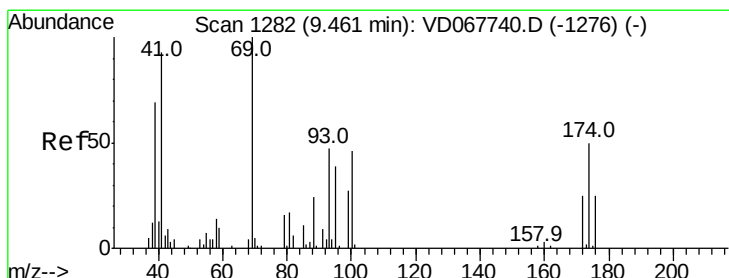
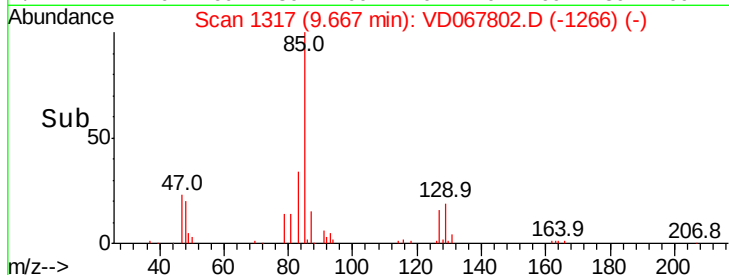
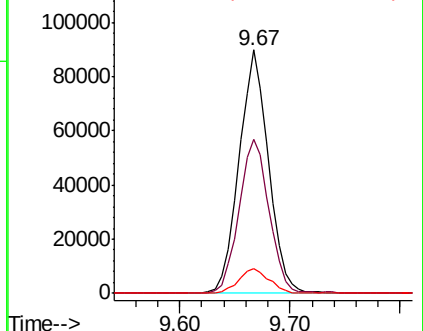
127 10.2 7.6 11.4



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: 47.905 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

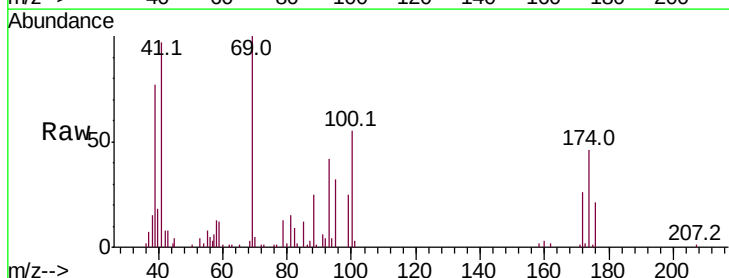
Tgt Ion: 41 Resp: 38476

Ion Ratio Lower Upper

41 100

69 116.9 87.8 131.6

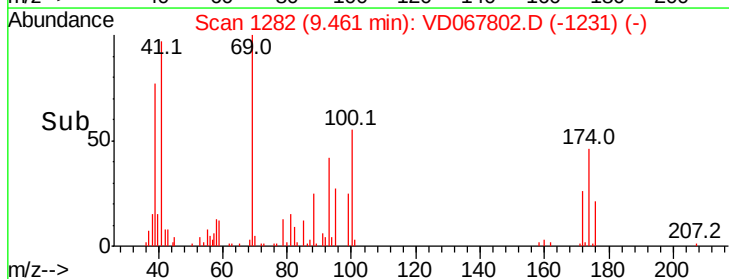
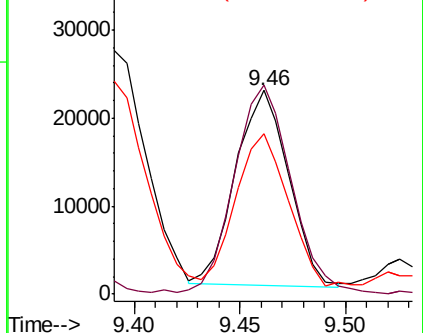
39 87.5 60.5 90.7

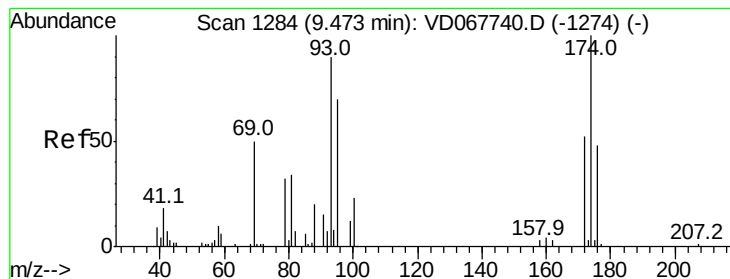


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 1035.655 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

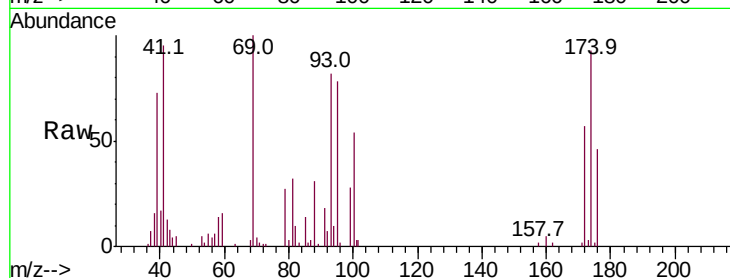
Tot Ion: 88 Resp: 12883

Ion Ratio Lower Upper

88 100

43 32.3 25.2 37.8

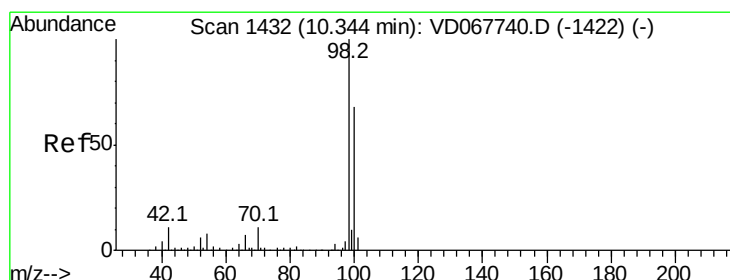
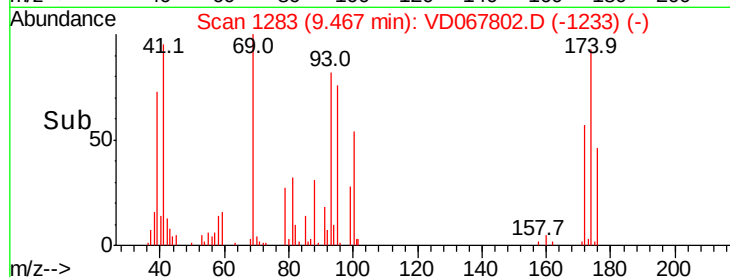
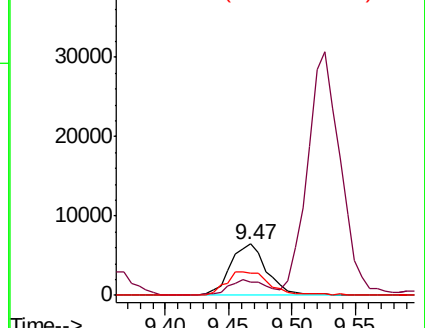
58 52.7 48.2 72.2



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 52.827 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067802.D

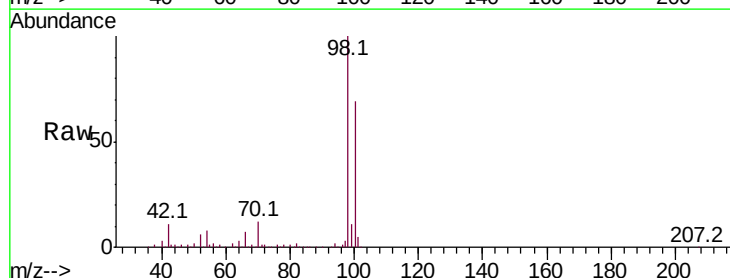
Acq: 25 Nov 2020 22:03

Tgt Ion: 98 Resp: 428533

Ion Ratio Lower Upper

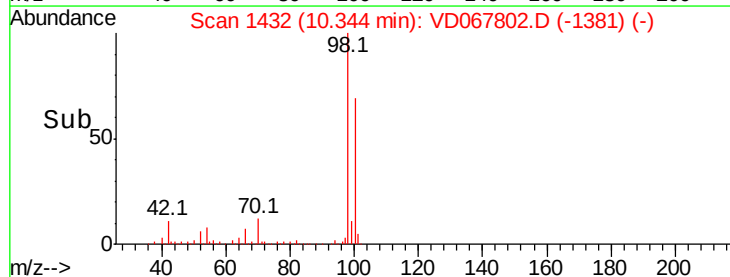
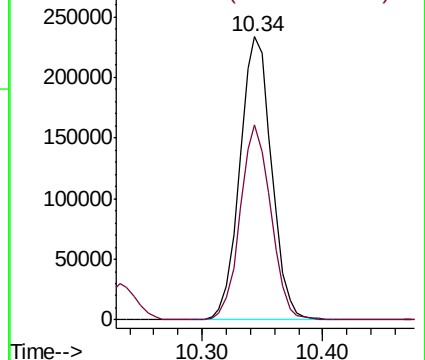
98 100

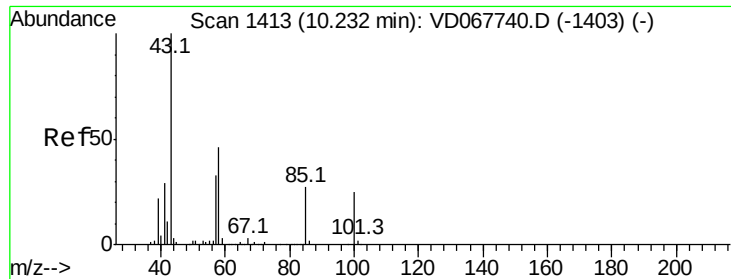
100 66.9 53.1 79.7



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: 254.748 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

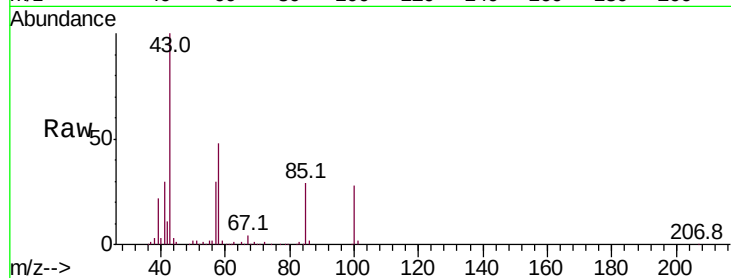
VSTDCCC050EC

Tot Ion: 43 Resp: 192579

Ion Ratio Lower Upper

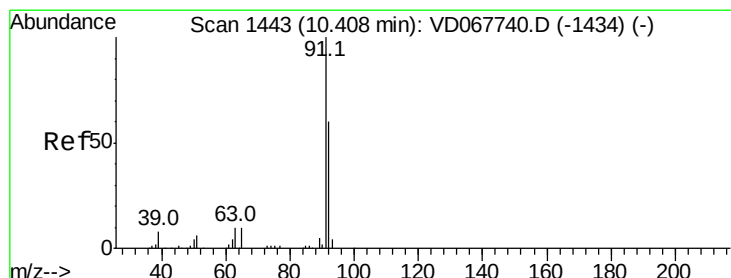
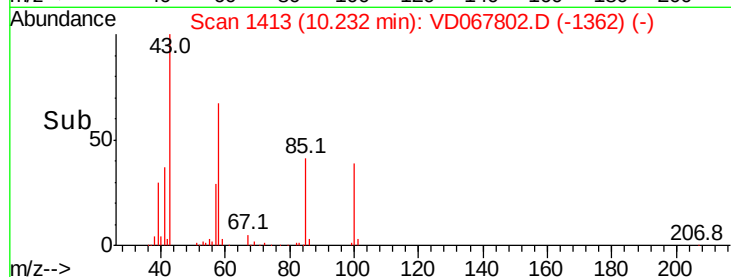
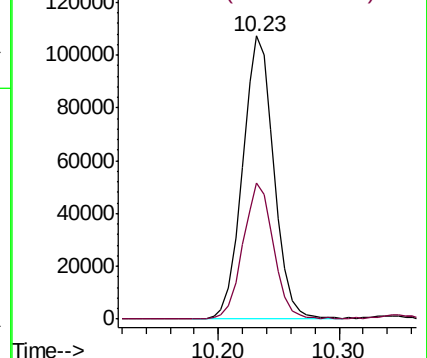
43 100

58 47.0 34.7 52.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 51.888 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067802.D

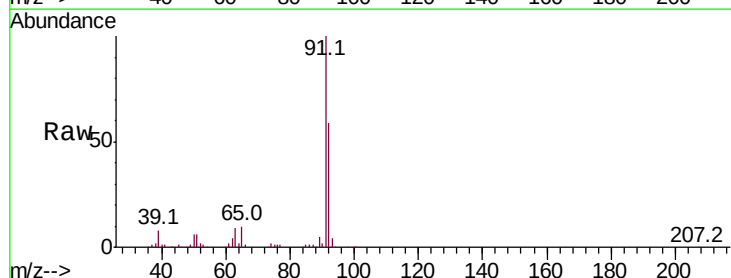
Acq: 25 Nov 2020 22:03

Tgt Ion: 92 Resp: 289229

Ion Ratio Lower Upper

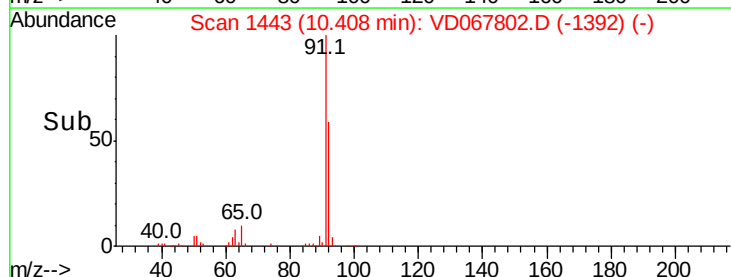
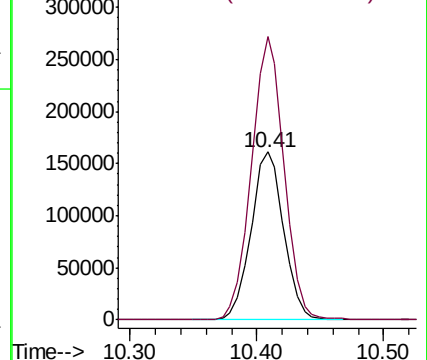
92 100

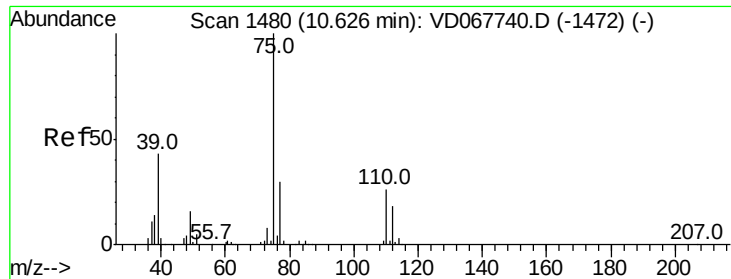
91 168.0 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 51.742 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

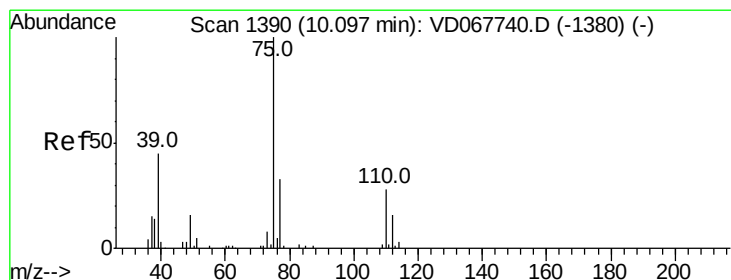
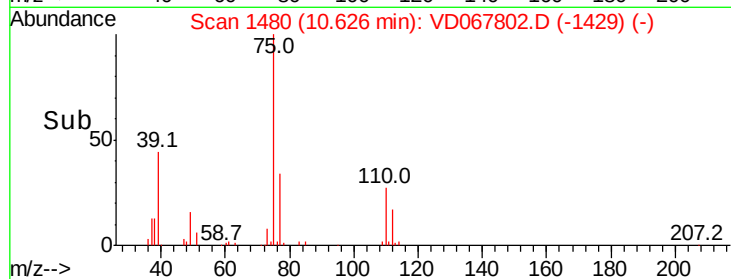
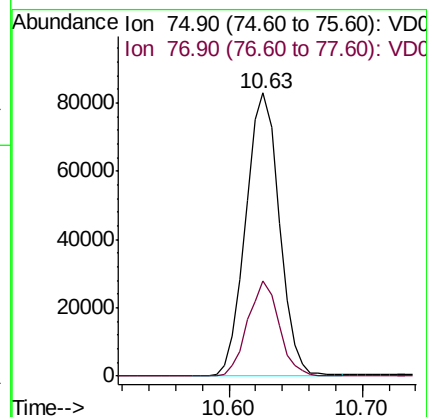
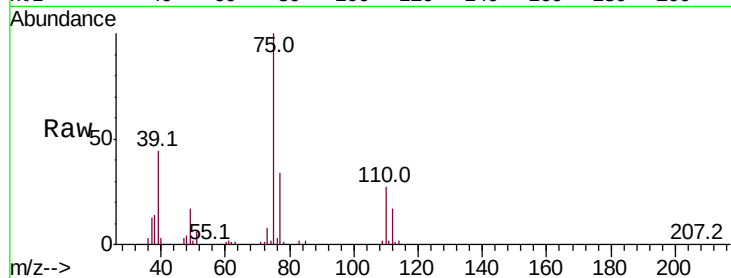
VSTDCCC050EC

Tot Ion: 75 Resp: 144491

Ion Ratio Lower Upper

75 100

77 33.5 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 50.243 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

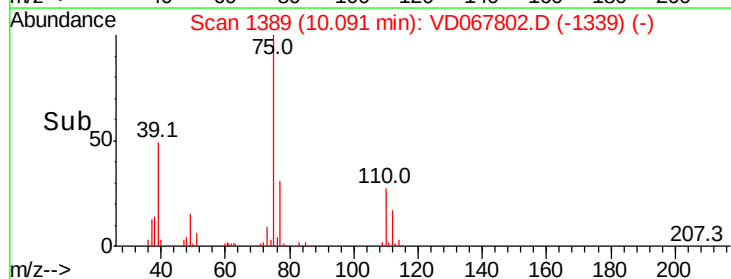
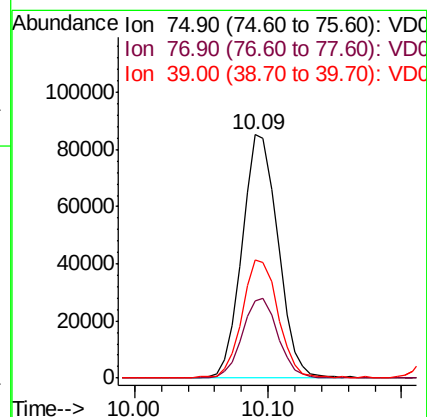
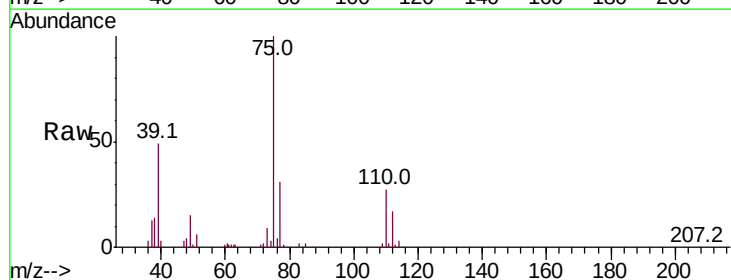
Tgt Ion: 75 Resp: 158785

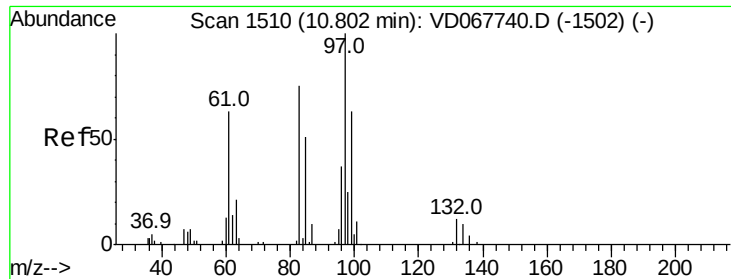
Ion Ratio Lower Upper

75 100

77 31.5 26.1 39.1

39 48.4 35.8 53.6





#55

1,1,2-Trichloroethane

Concen: 52.163 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 80337

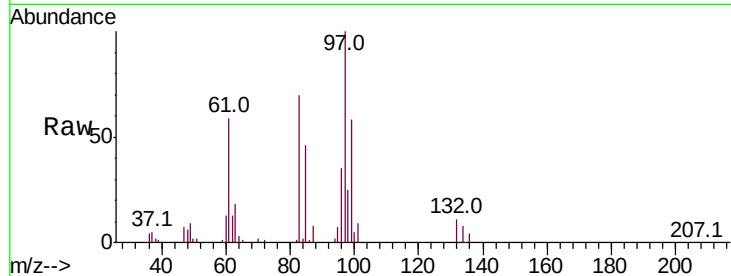
Ion Ratio Lower Upper

97 100

83 69.9 60.2 90.4

85 46.0 40.5 60.7

99 57.5 50.6 76.0

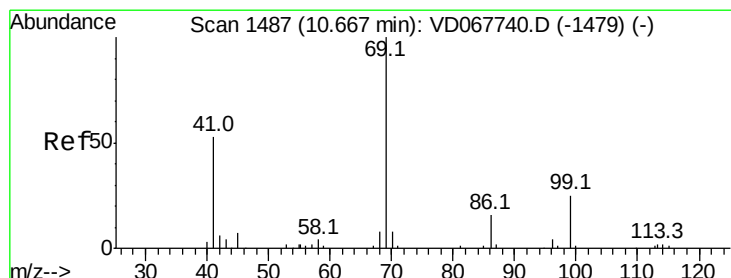
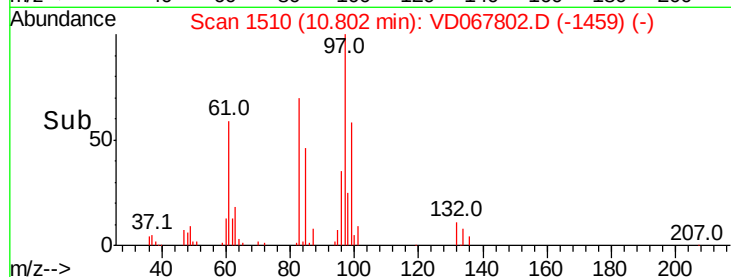
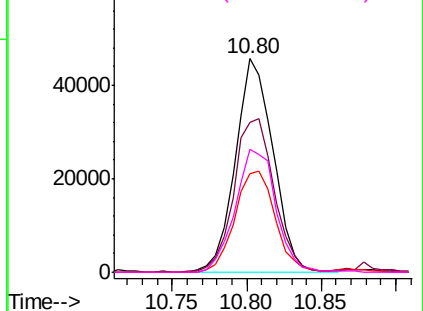


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 53.229 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

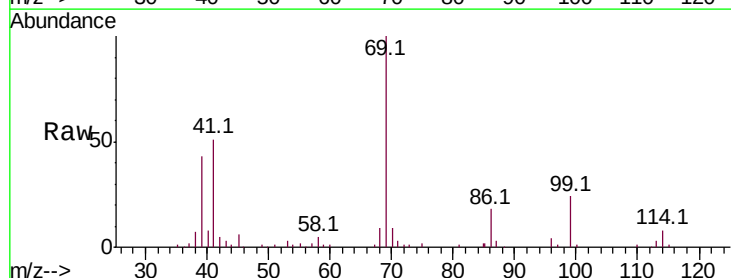
Tgt Ion: 69 Resp: 84876

Ion Ratio Lower Upper

69 100

41 53.5 43.4 65.0

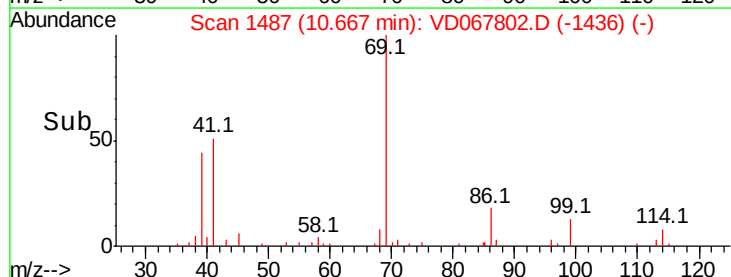
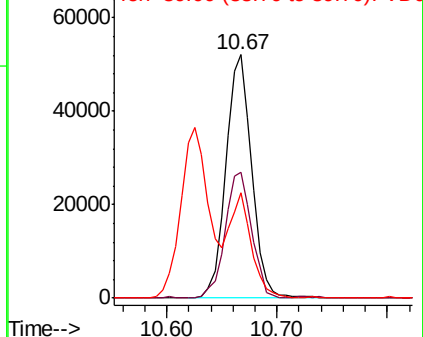
39 37.3 29.6 44.4

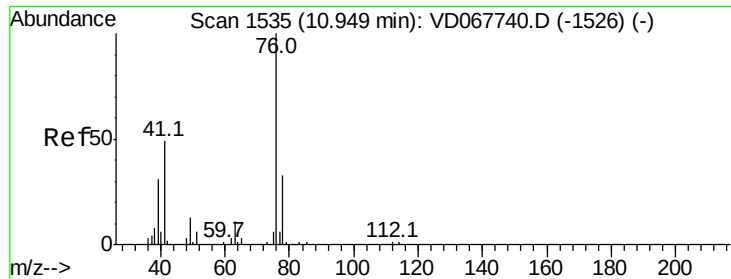


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 52.858 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

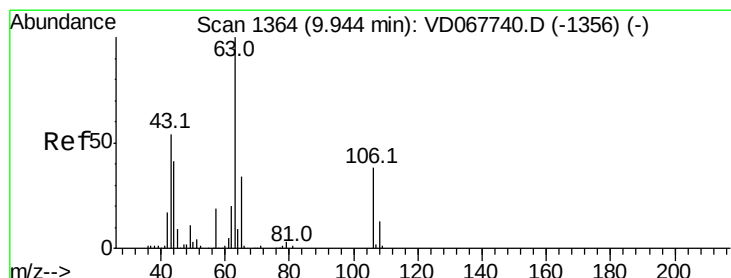
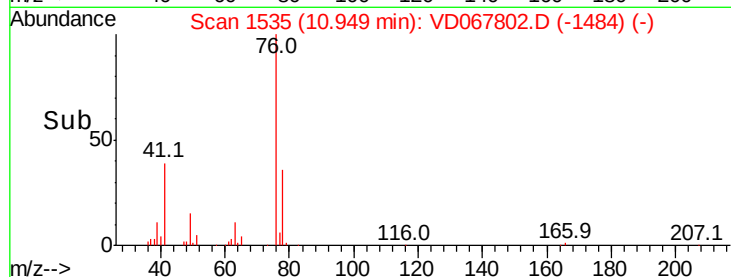
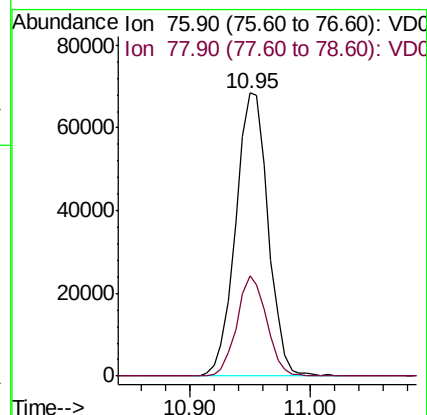
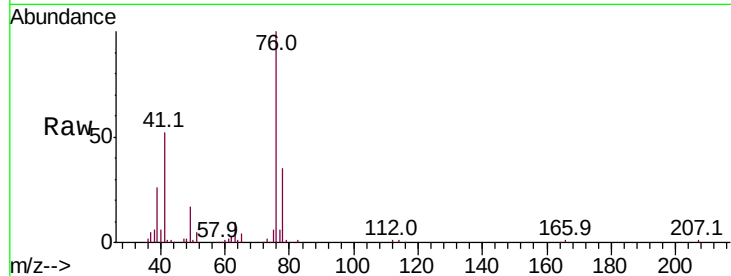
VSTDCCC050EC

Tot Ion: 76 Resp: 128358

Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 293.108 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD067802.D

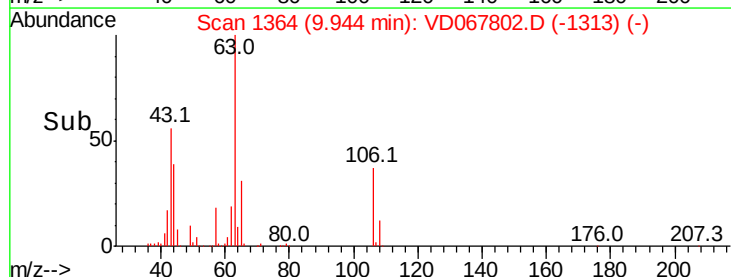
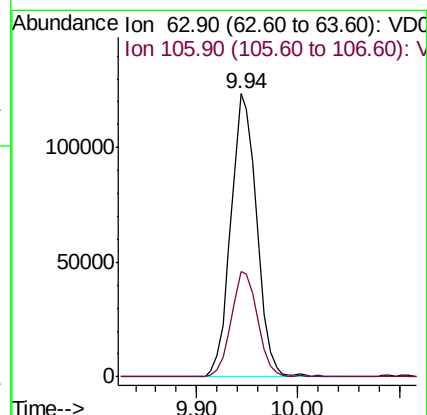
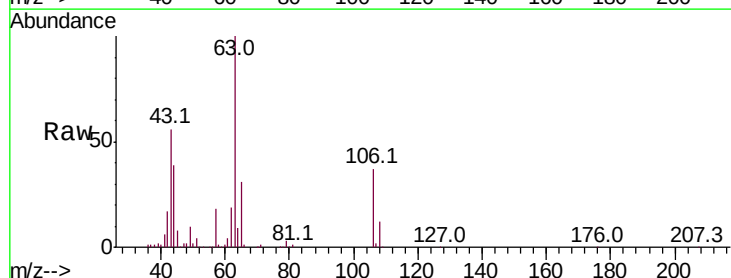
Acq: 25 Nov 2020 22:03

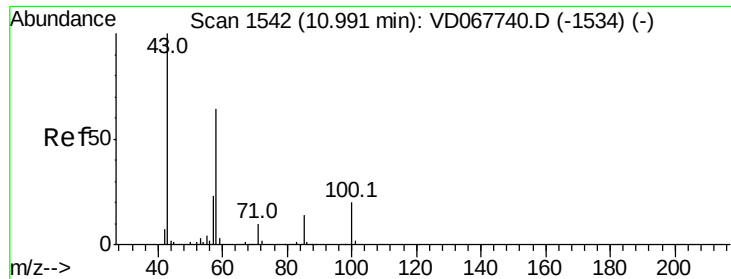
Tgt Ion: 63 Resp: 218377

Ion Ratio Lower Upper

63 100

106 37.7 31.0 46.6

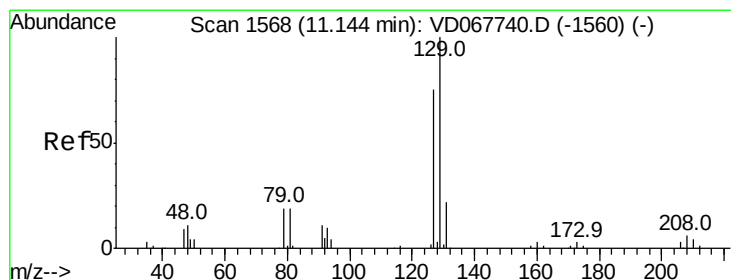
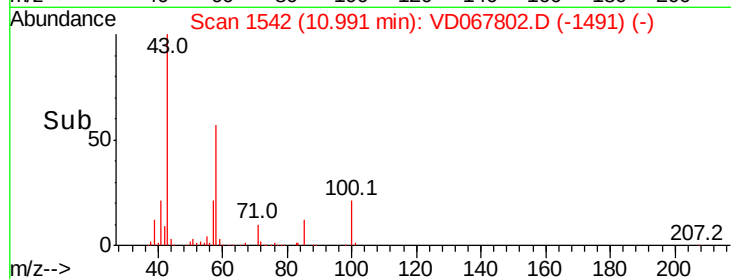
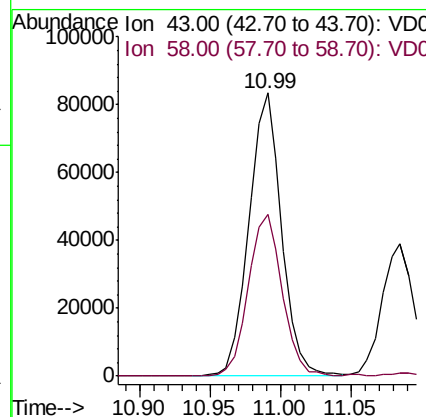
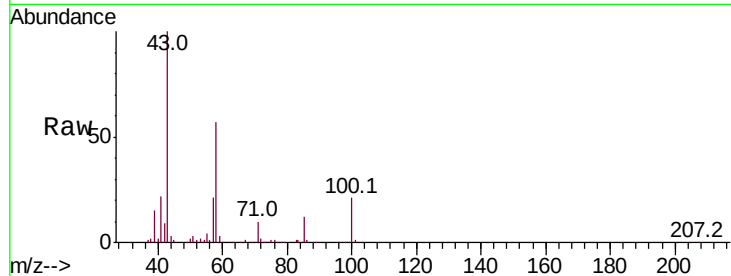




#59
2-Hexanone
Concen: 252.997 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

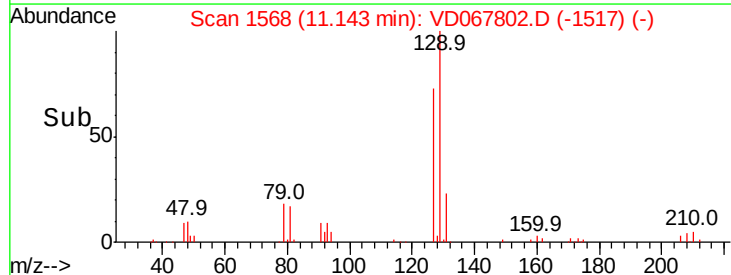
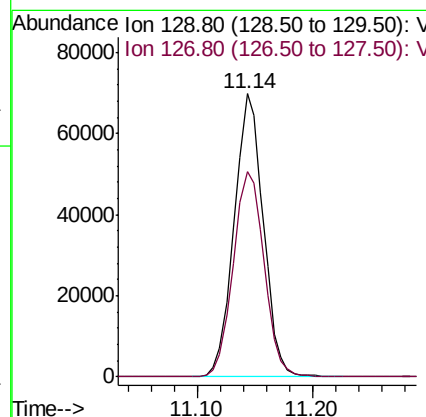
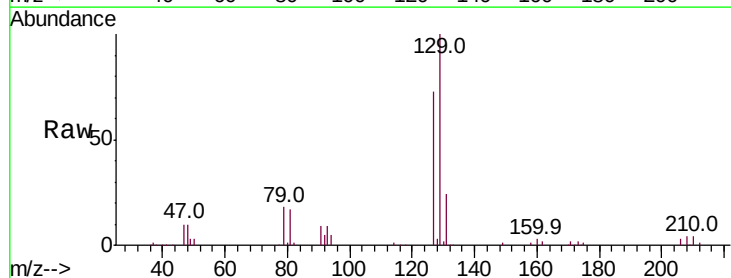
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

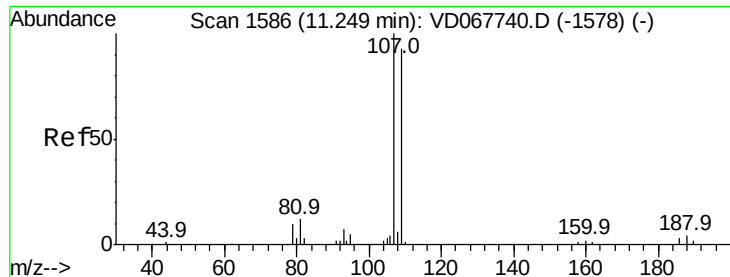
Tot Ion: 43 Resp: 135032
Ion Ratio Lower Upper
43 100
58 59.5 30.5 91.5



#60
Dibromochloromethane
Concen: 52.034 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

Tgt Ion:129 Resp: 122119
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.7

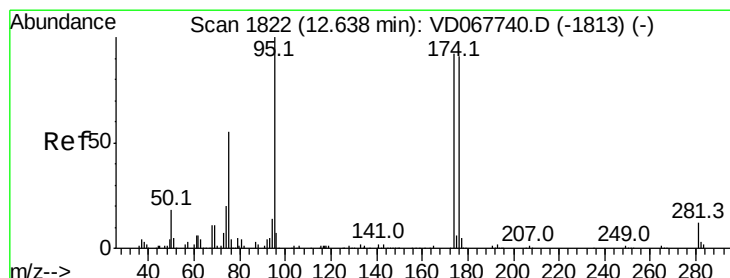
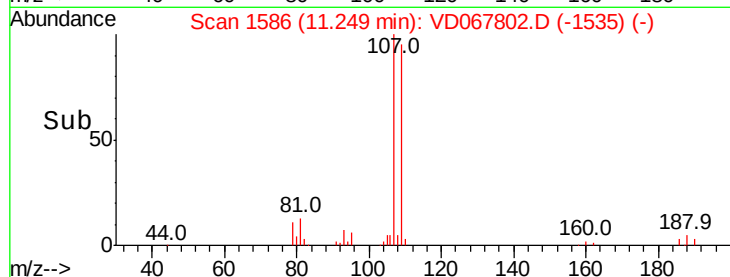
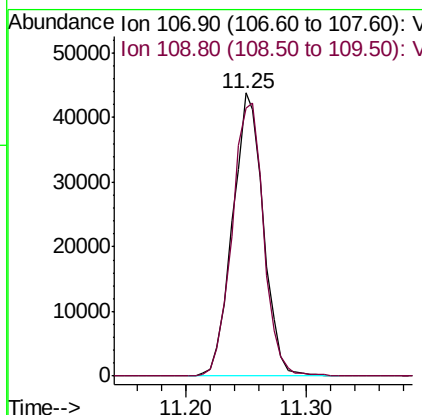
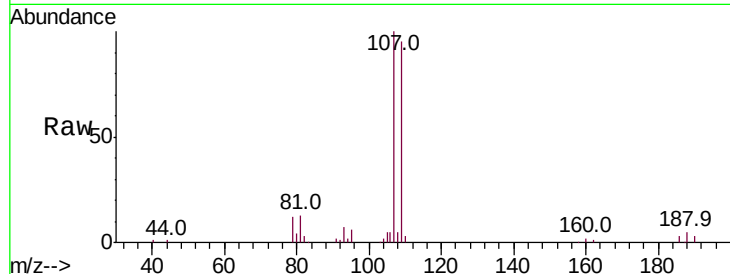




#61
 1,2-Dibromoethane
 Concen: 51.282 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067802.D
 Acq: 25 Nov 2020 22:03

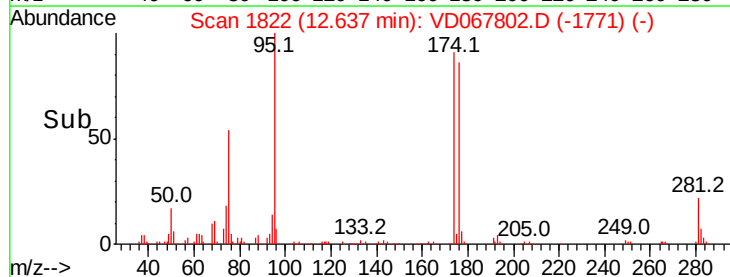
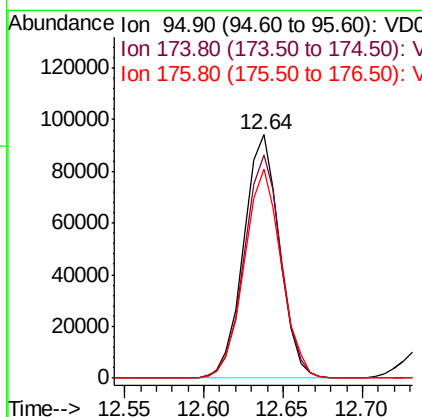
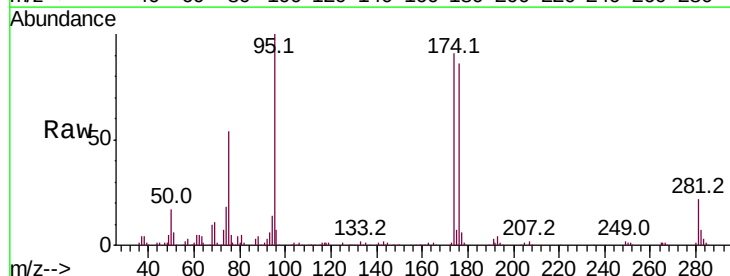
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

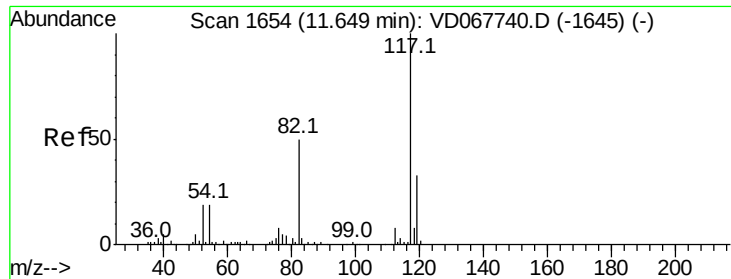
Tot Ion:107 Resp: 77822
 Ion Ratio Lower Upper
 107 100
 109 98.9 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 53.394 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067802.D
 Acq: 25 Nov 2020 22:03

Tgt Ion: 95 Resp: 148045
 Ion Ratio Lower Upper
 95 100
 174 94.0 0.0 182.4
 176 88.7 0.0 178.2

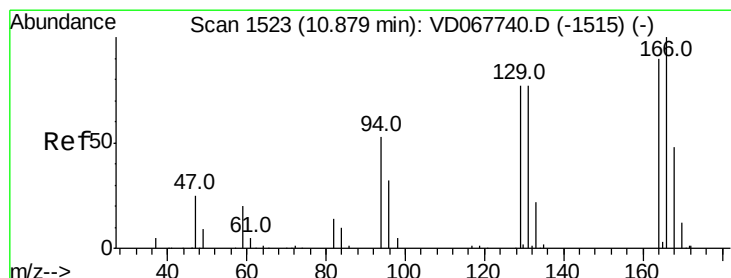
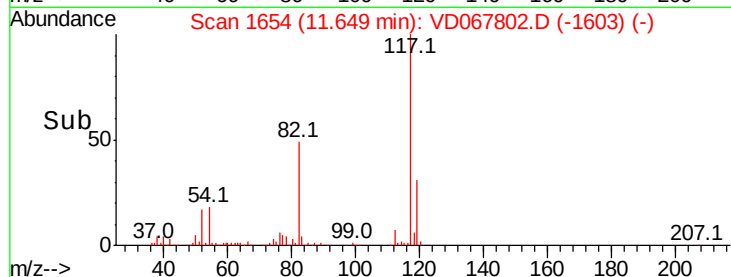
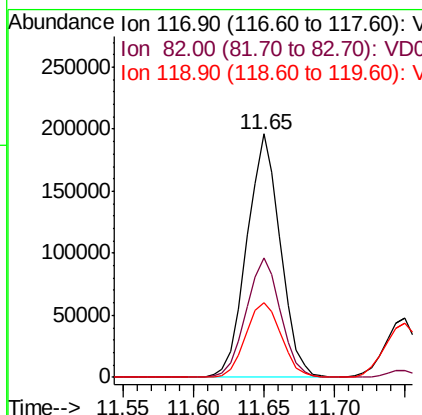
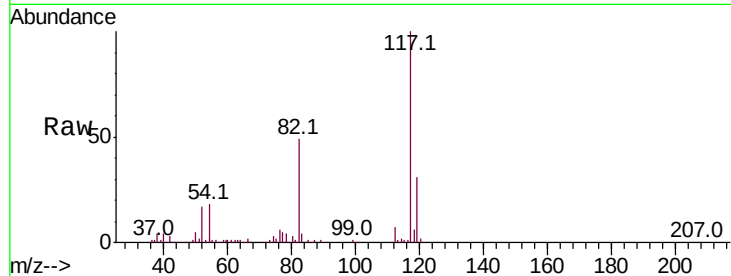




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

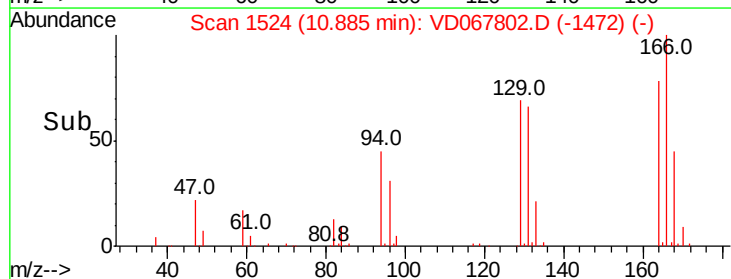
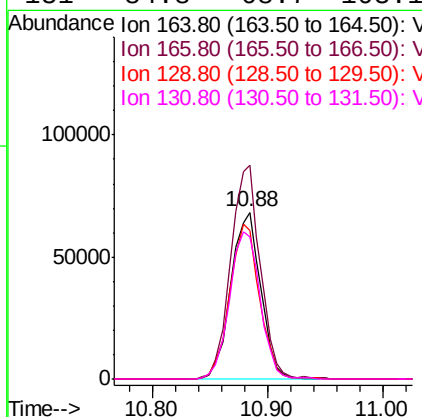
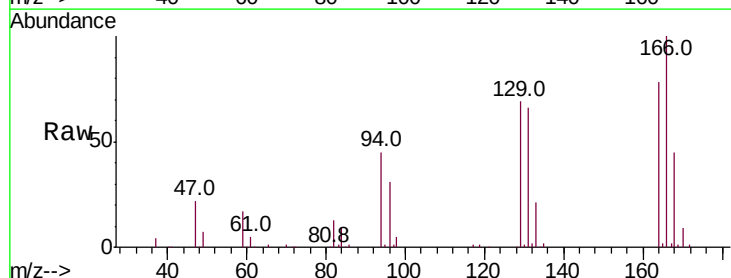
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

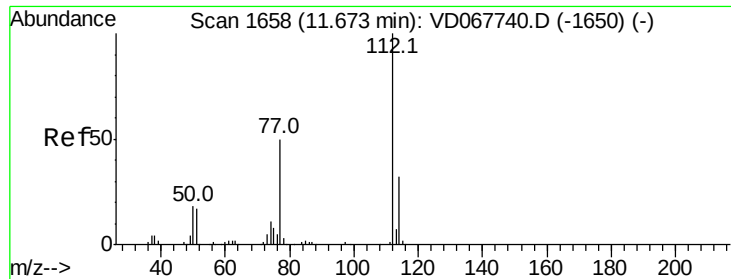
Tot Ion:117 Resp: 326735
Ion Ratio Lower Upper
117 100
82 48.9 40.2 60.4
119 30.8 26.5 39.7



#64
Tetrachloroethene
Concen: 48.204 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

Tgt Ion:164 Resp: 122241
Ion Ratio Lower Upper
164 100
166 127.9 89.2 133.8
129 88.9 68.4 102.6
131 84.8 68.7 103.1

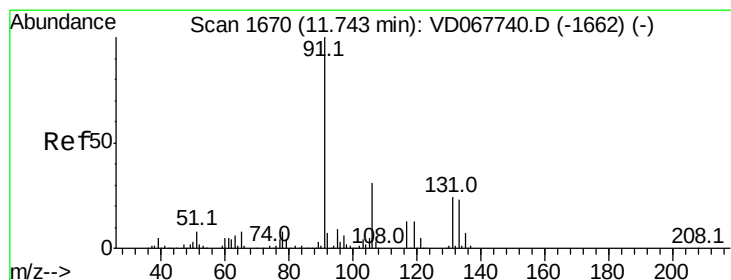
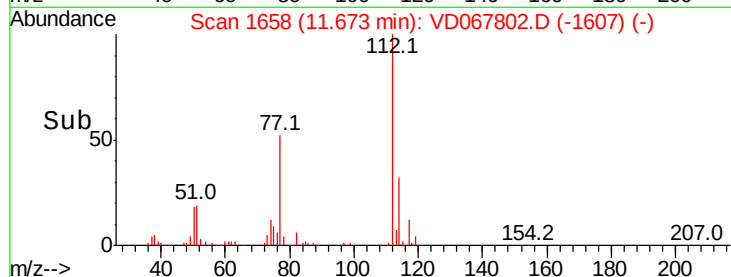
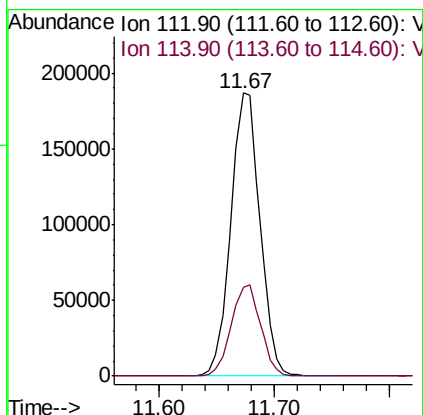
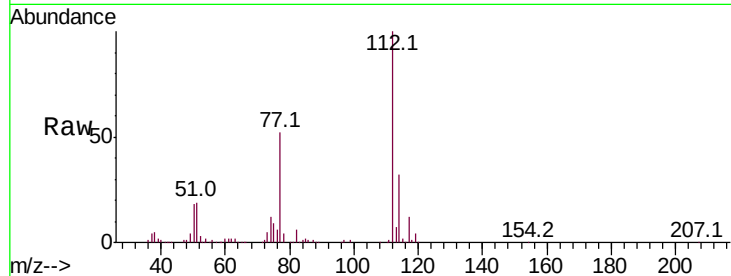




#65
Chlorobenzene
Concen: 50.900 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

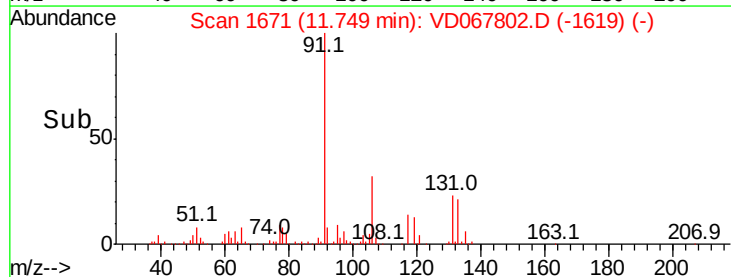
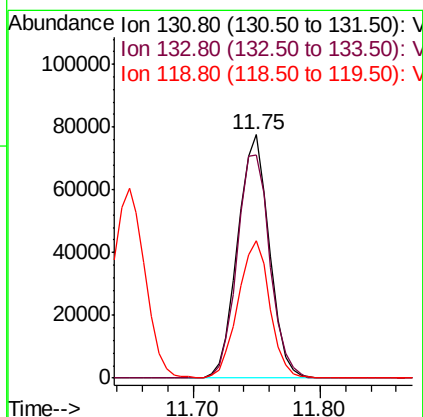
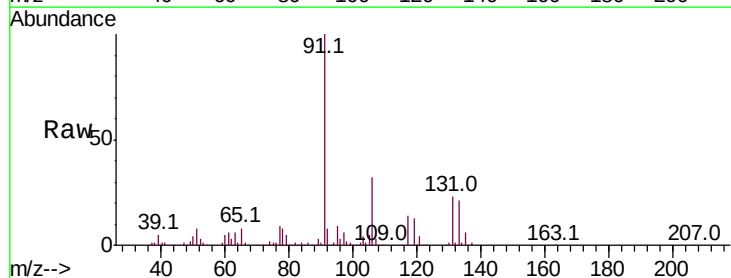
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

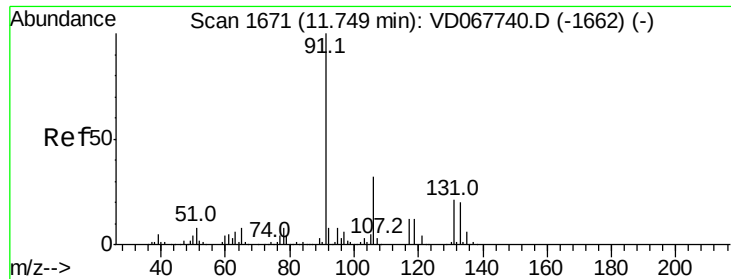
Tot Ion:112 Resp: 326865
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.653 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

Tgt Ion:131 Resp: 134175
Ion Ratio Lower Upper
131 100
133 95.6 49.0 147.0
119 56.8 28.8 86.5





#67

Ethyl Benzene

Concen: 50.037 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

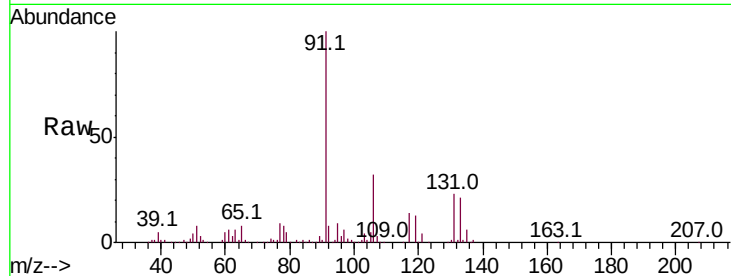
VSTDCCC050EC

Tot Ion: 91 Resp: 554719

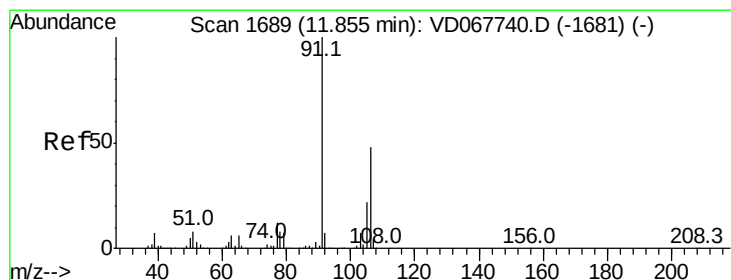
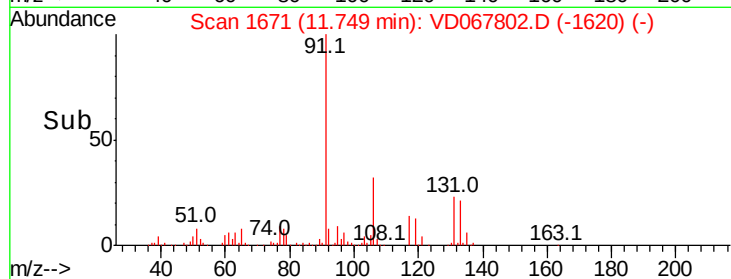
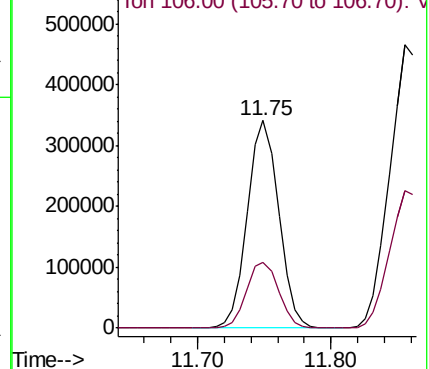
Ion Ratio Lower Upper

91 100

106 31.6 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC



#68

m/p-Xylenes

Concen: 100.823 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD067802.D

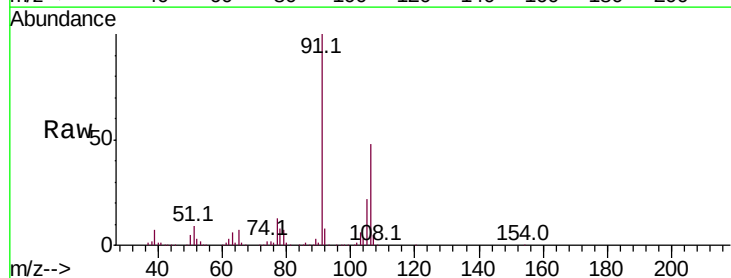
Acq: 25 Nov 2020 22:03

Tgt Ion: 106 Resp: 434969

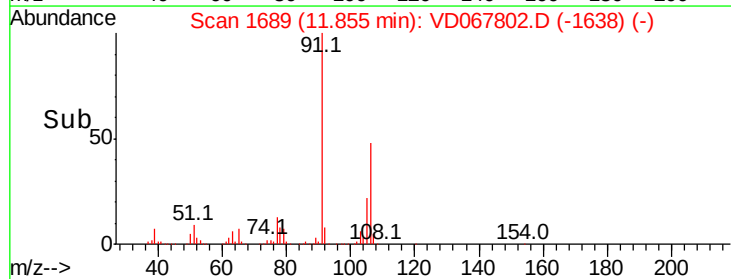
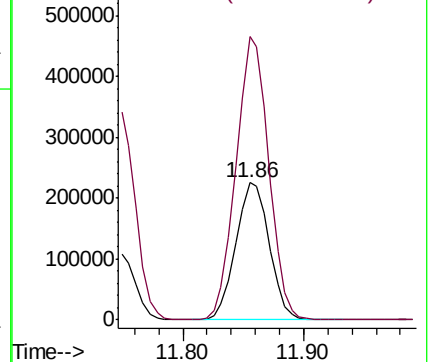
Ion Ratio Lower Upper

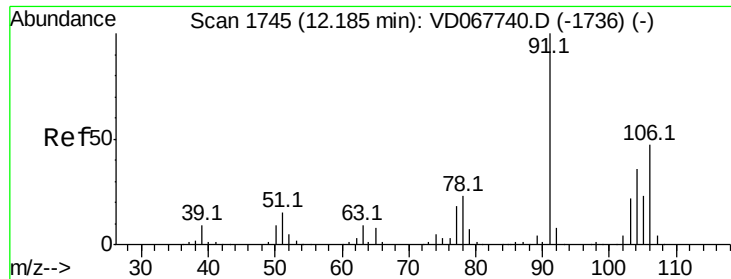
106 100

91 202.3 163.0 244.6



Abundance Ion 106.00 (105.70 to 106.70): VDC

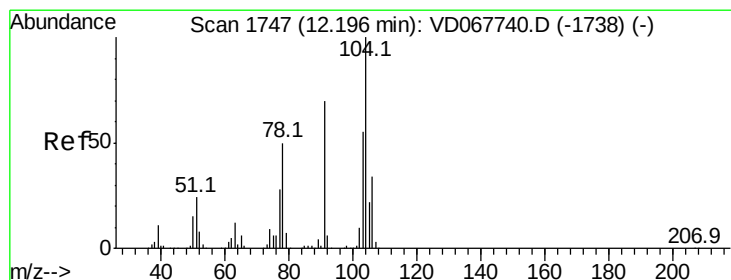
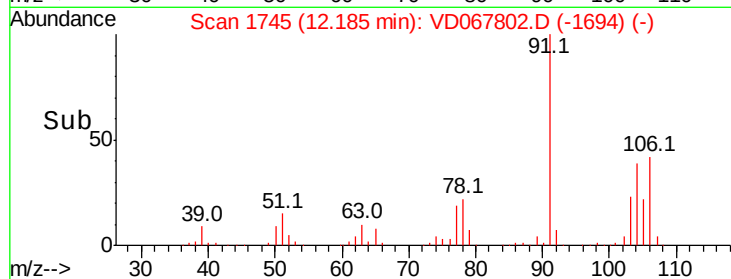
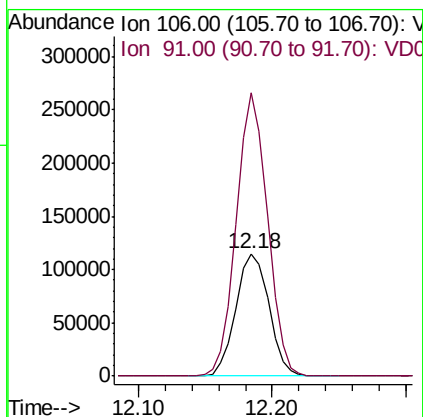
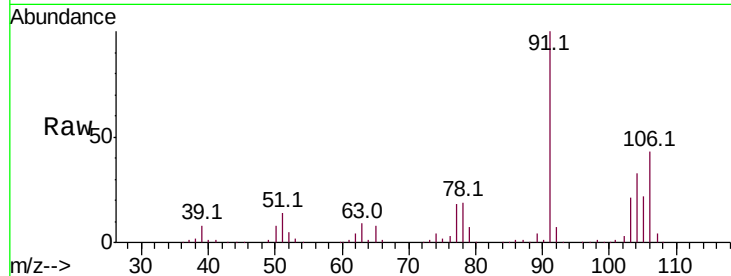




#69
o-Xylene
Concen: 50.276 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

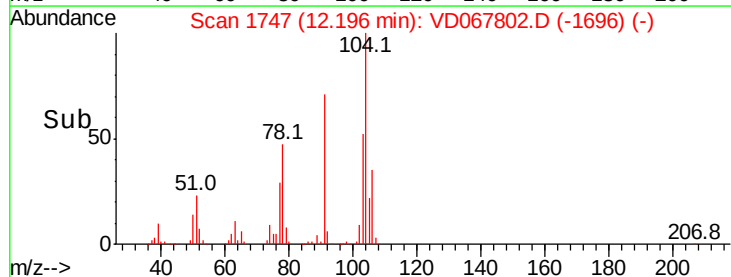
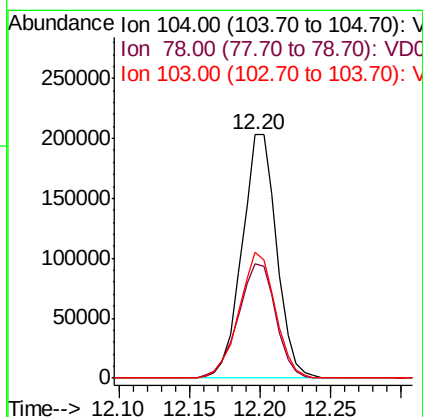
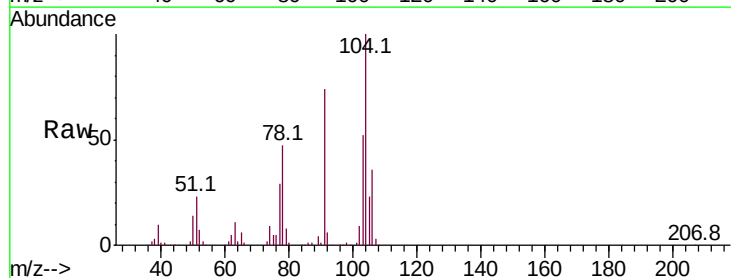
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

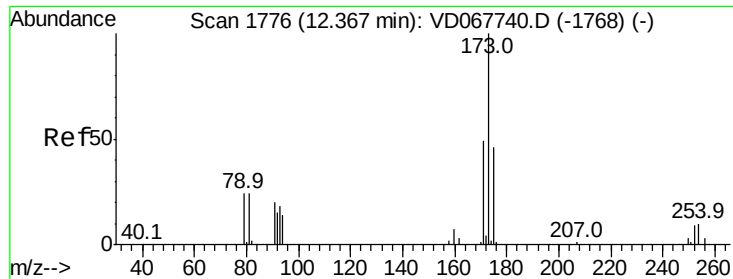
Tot Ion:106 Resp: 197483
Ion Ratio Lower Upper
106 100
91 218.7 106.2 318.6



#70
Styrene
Concen: 52.217 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

Tgt Ion:104 Resp: 349365
Ion Ratio Lower Upper
104 100
78 50.8 41.9 62.9
103 54.0 44.1 66.1





#71

Bromoform

Concen: 50.809 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

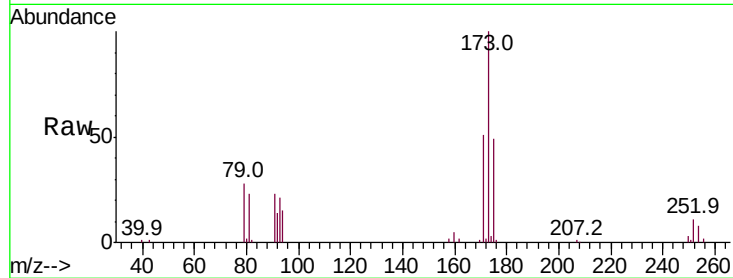
Tot Ion:173 Resp: 71648

Ion Ratio Lower Upper

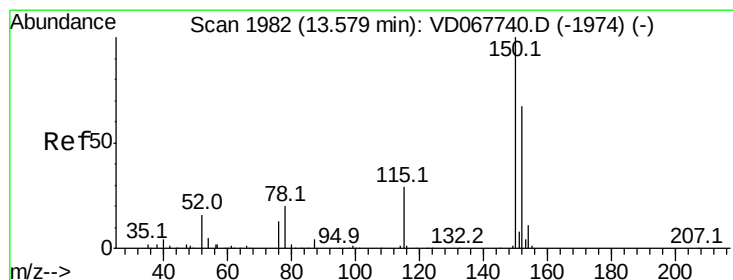
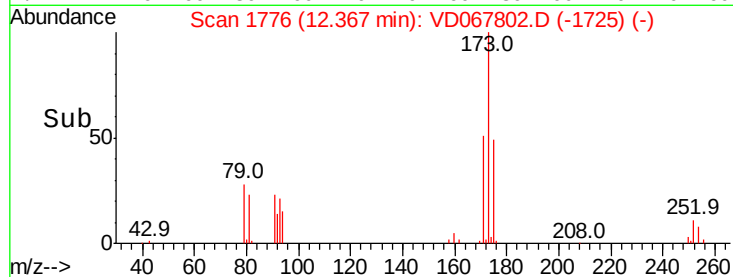
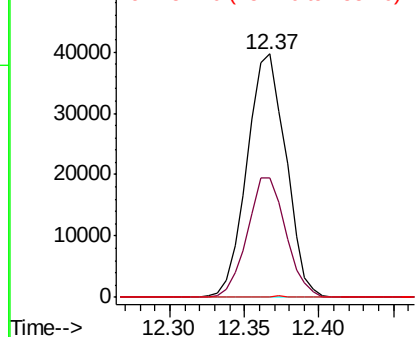
173 100

175 48.6 23.9 71.7

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

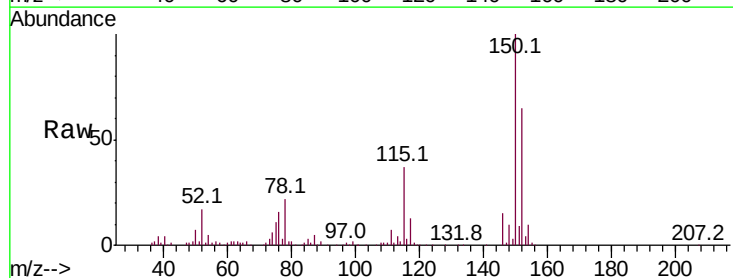
Tgt Ion:152 Resp: 164181

Ion Ratio Lower Upper

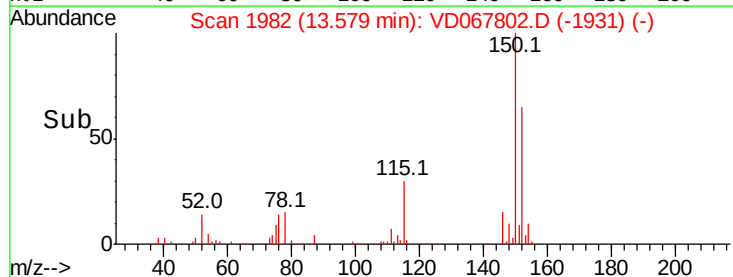
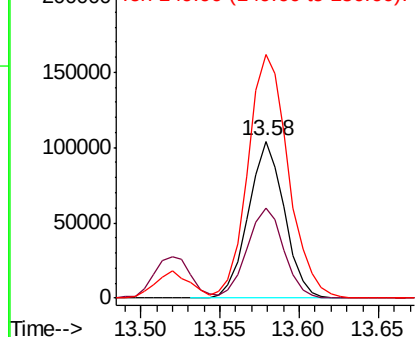
152 100

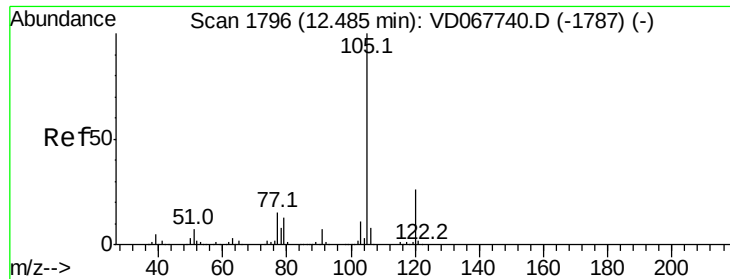
115 58.2 29.4 88.3

150 174.9 0.0 340.6



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





#73

Isopropylbenzene

Concen: 51.866 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

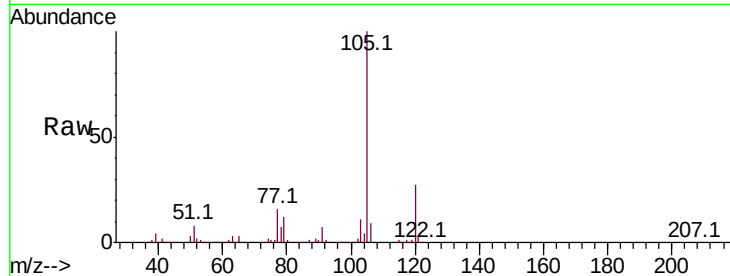
VSTDCCC050EC

Tot Ion:105 Resp: 560282

Ion Ratio Lower Upper

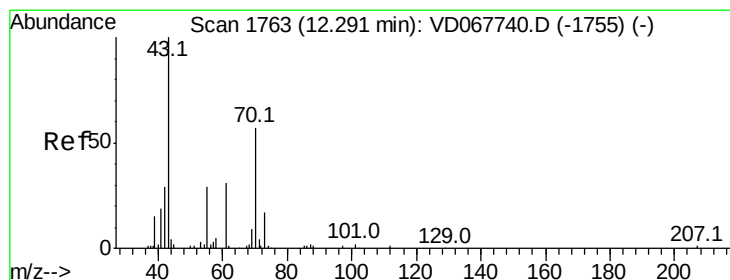
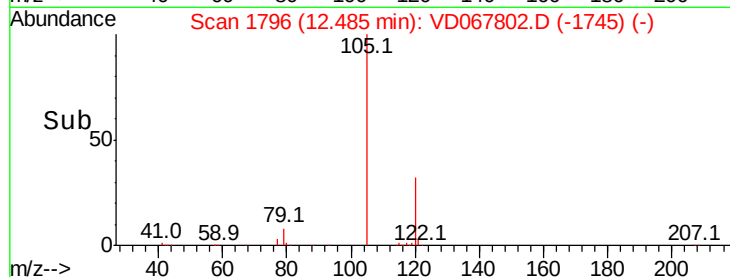
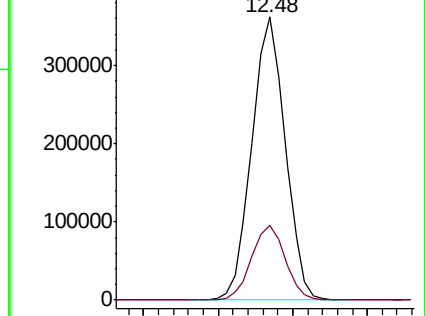
105 100

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



#74

N-ethyl acetate

Concen: 50.718 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Tgt Ion: 43 Resp: 72250

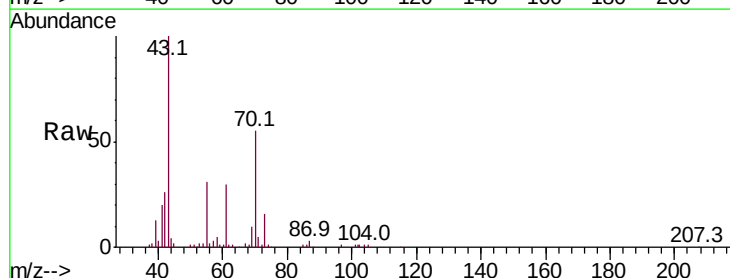
Ion Ratio Lower Upper

43 100

70 55.1 44.6 66.8

55 30.1 24.2 36.2

61 28.2 22.0 33.0

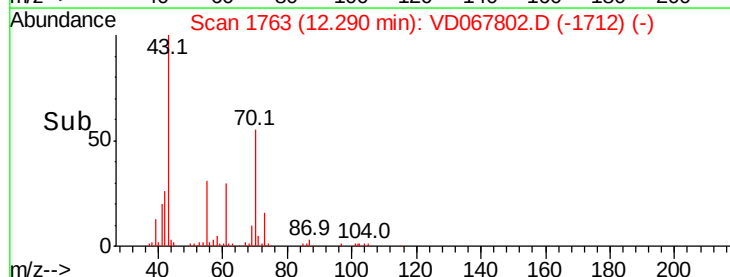
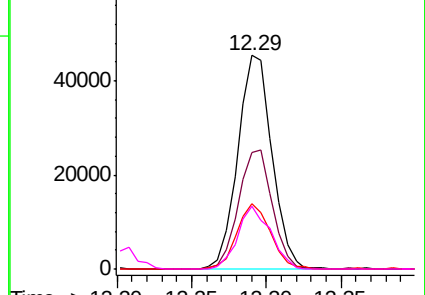


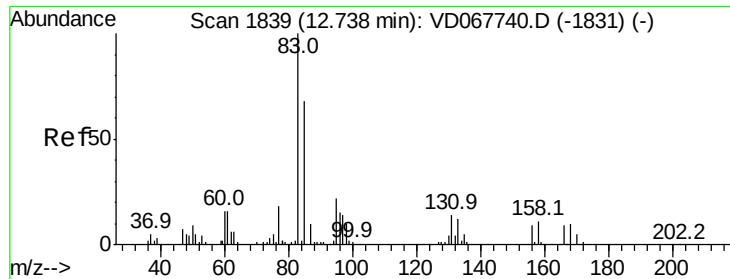
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.846 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

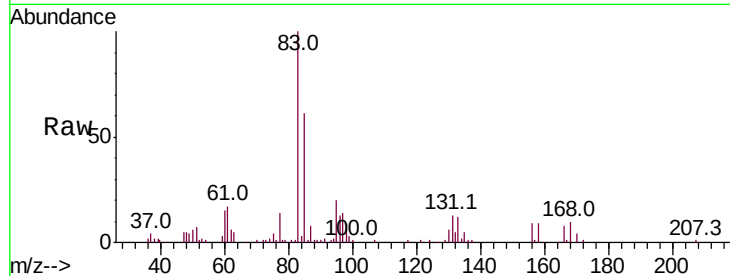
Tot Ion: 83 Resp: 73714

Ion Ratio Lower Upper

83 100

131 15.0 8.1 24.1

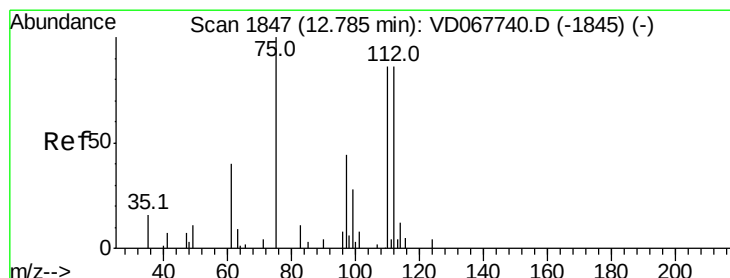
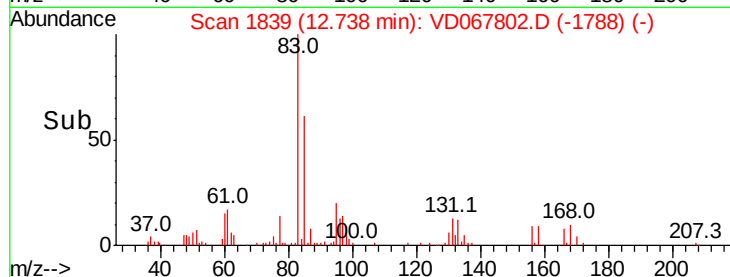
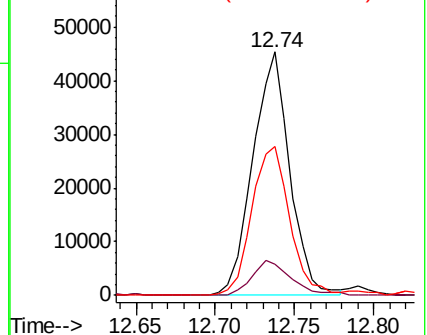
85 62.4 33.9 101.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 94.832 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD067802.D

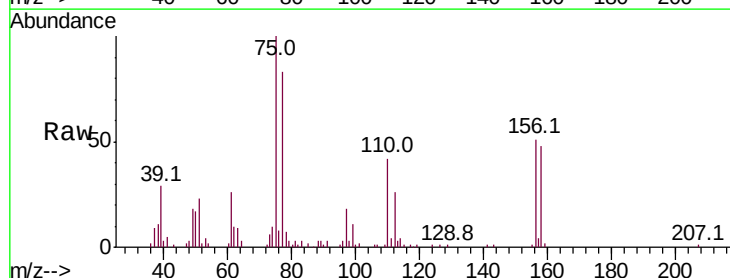
Acq: 25 Nov 2020 22:03

Tgt Ion: 75 Resp: 108512

Ion Ratio Lower Upper

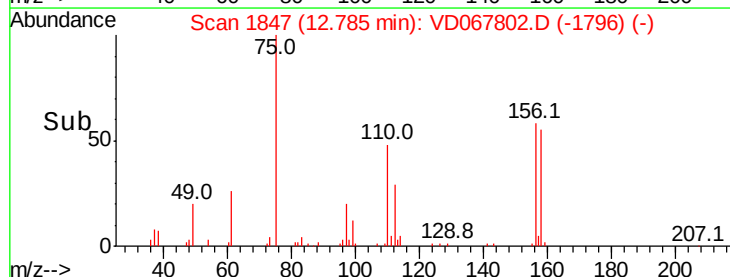
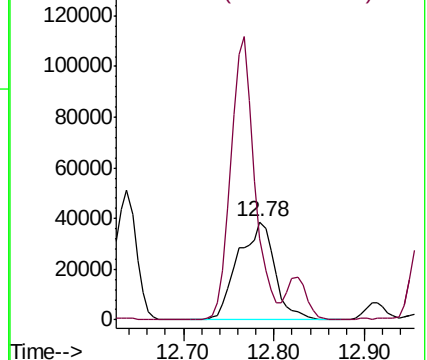
75 100

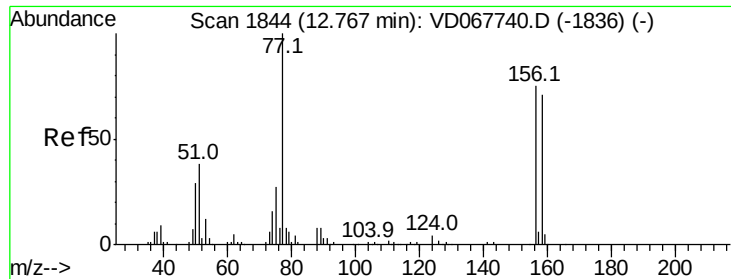
77 191.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.739 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

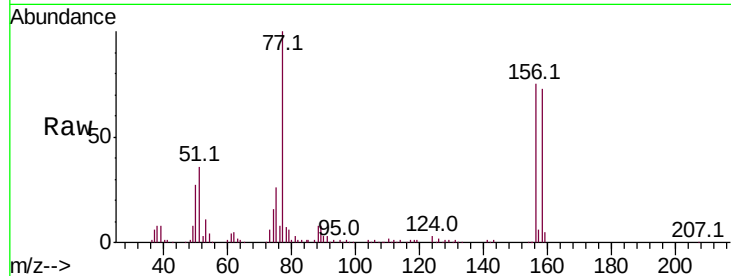
Tot Ion:156 Resp: 142611

Ion Ratio Lower Upper

156 100

77 145.6 73.5 220.3

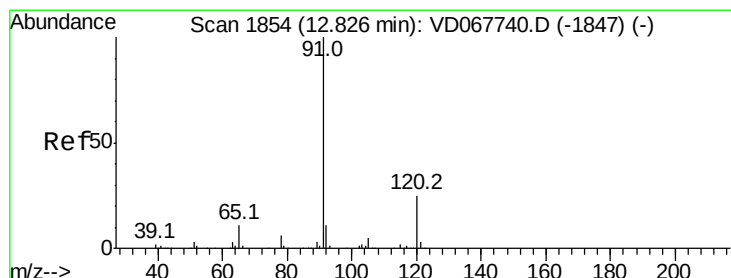
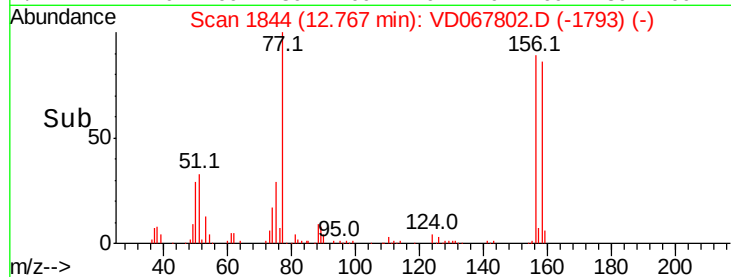
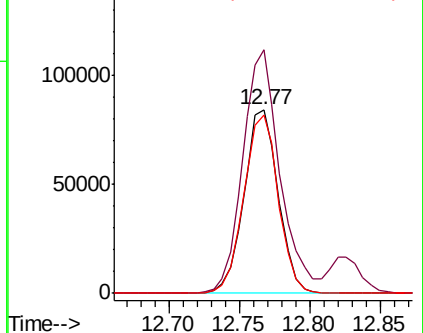
158 98.2 48.1 144.4



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: 51.980 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067802.D

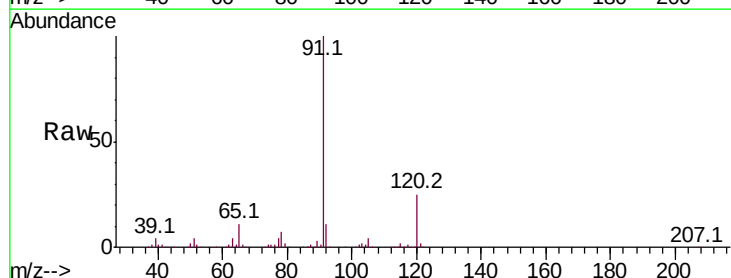
Acq: 25 Nov 2020 22:03

Tgt Ion: 91 Resp: 624705

Ion Ratio Lower Upper

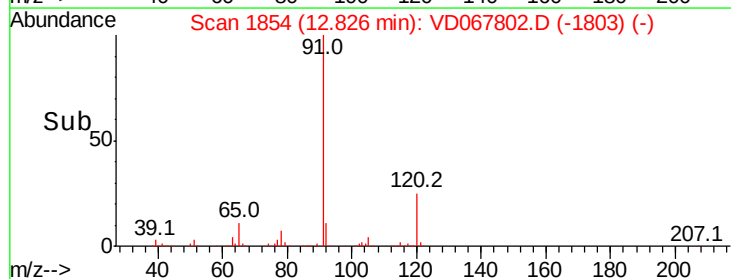
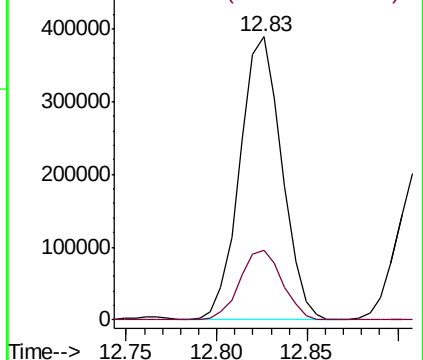
91 100

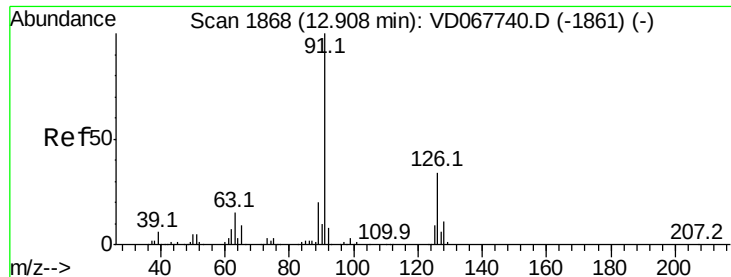
120 25.0 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

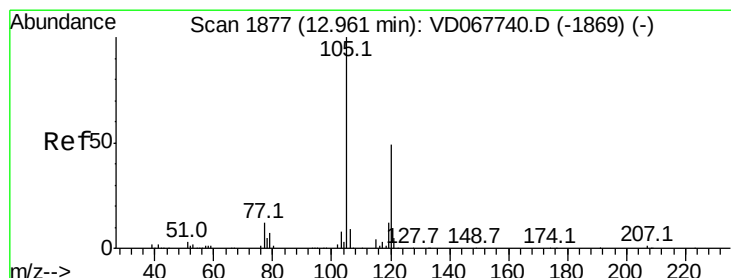
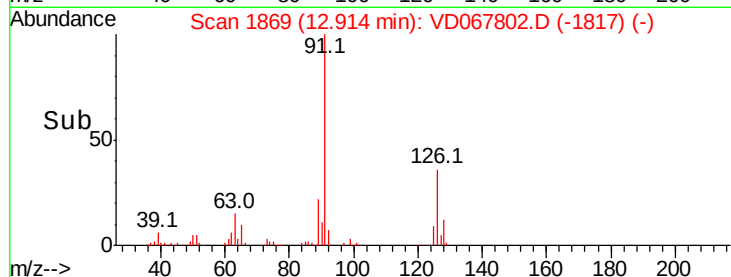
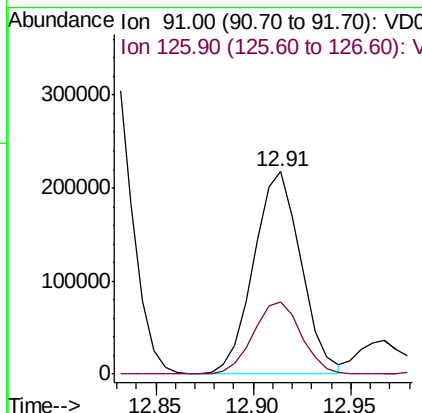
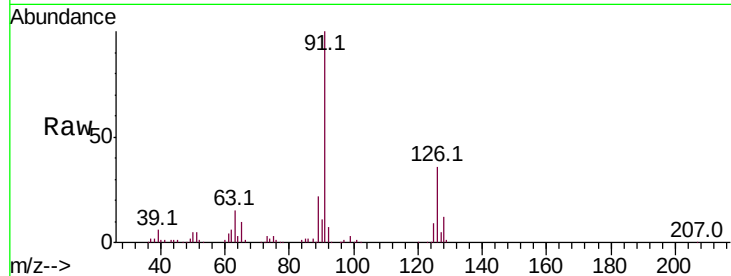




#79
 2-Chlorotoluene
 Concen: 51.288 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VD067802.D
 Acq: 25 Nov 2020 22:03

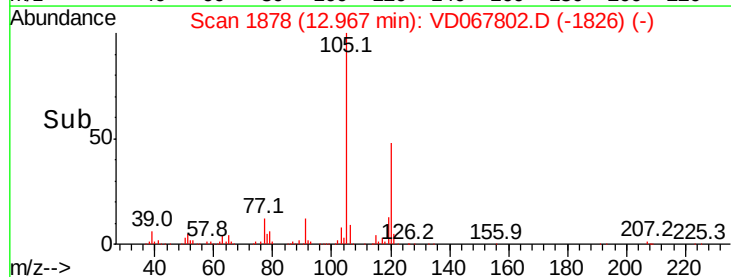
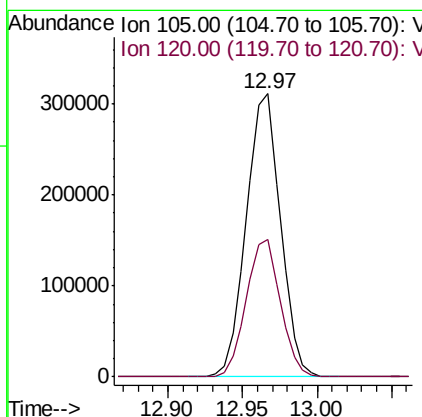
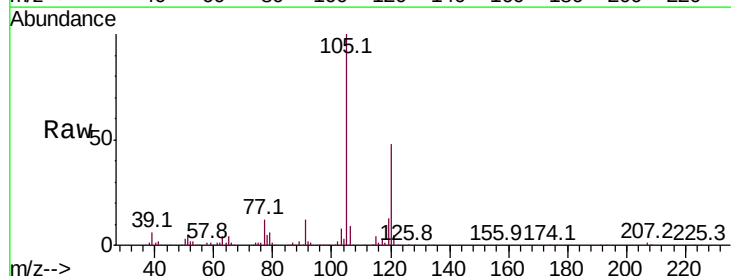
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

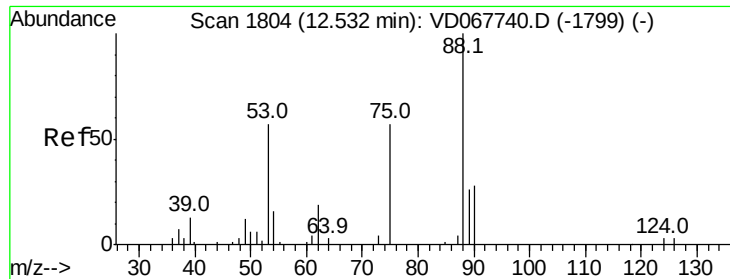
Tot Ion: 91 Resp: 364940
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.513 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VD067802.D
 Acq: 25 Nov 2020 22:03

Tgt Ion: 105 Resp: 493392
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 48.947 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

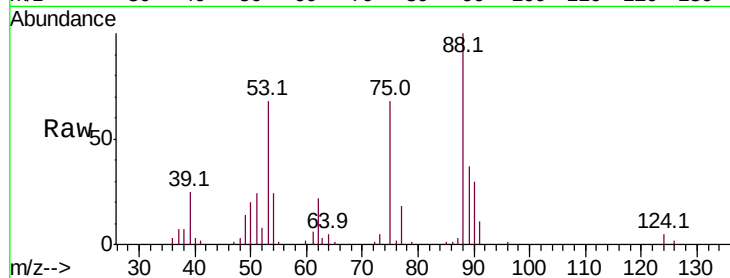
Tot Ion: 75 Resp: 23946

Ion Ratio Lower Upper

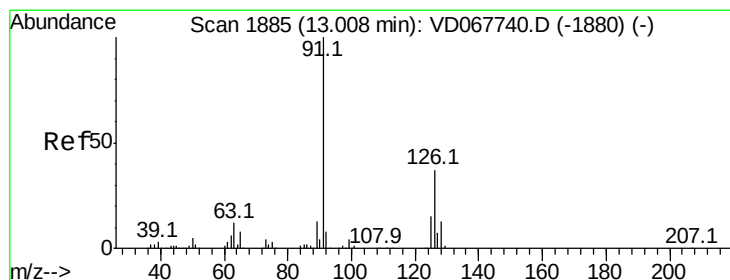
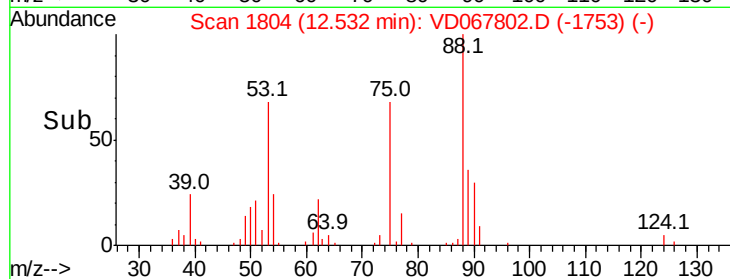
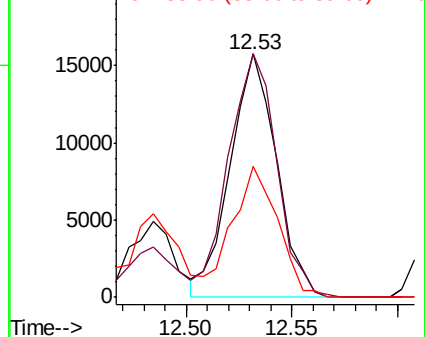
75 100

53 104.1 76.0 114.0

89 52.8 40.2 60.4



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 51.316 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067802.D

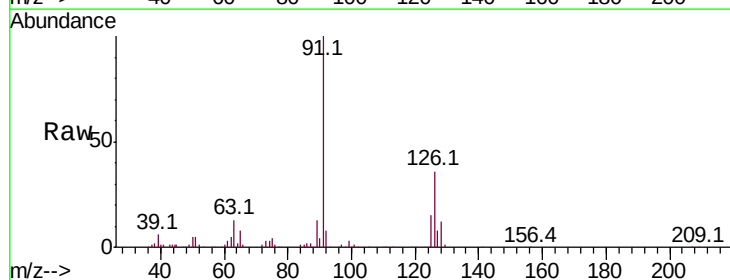
Acq: 25 Nov 2020 22:03

Tgt Ion: 91 Resp: 389071

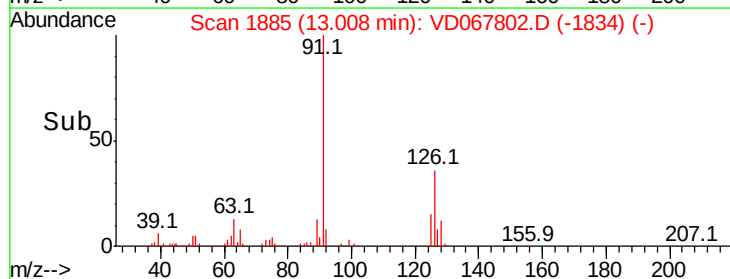
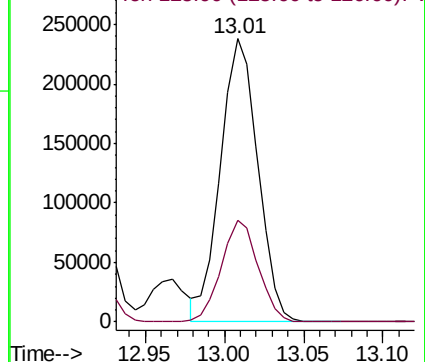
Ion Ratio Lower Upper

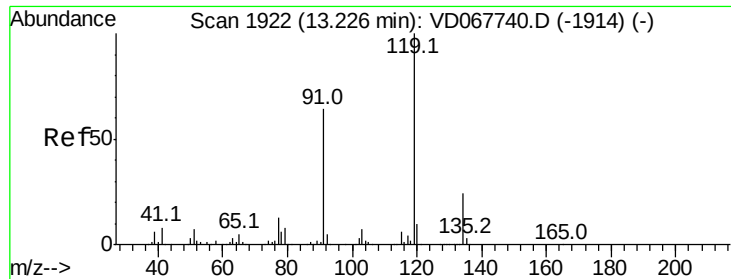
91 100

126 35.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V

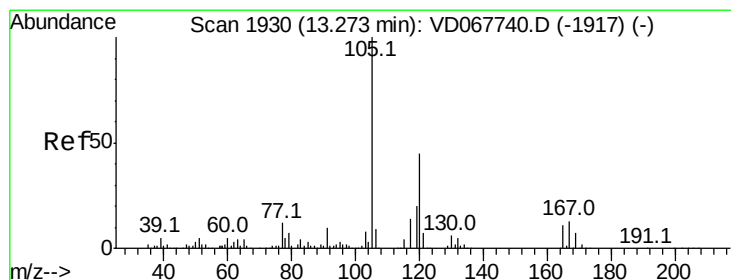
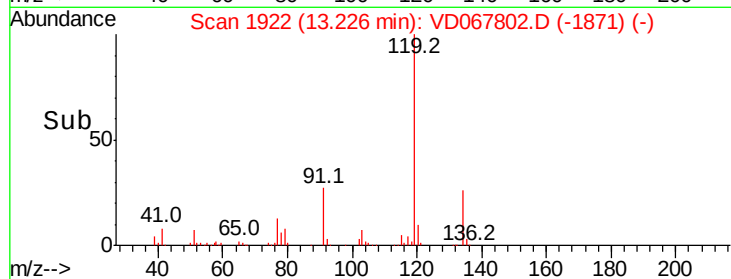
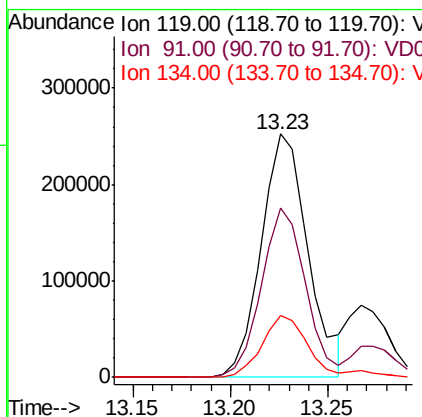
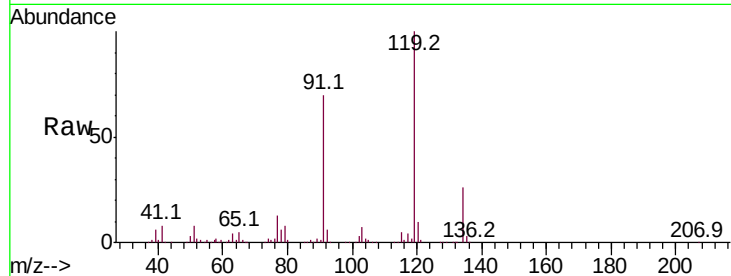




#83
 tert-Butylbenzene
 Concen: 52.078 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD067802.D
 Acq: 25 Nov 2020 22:03

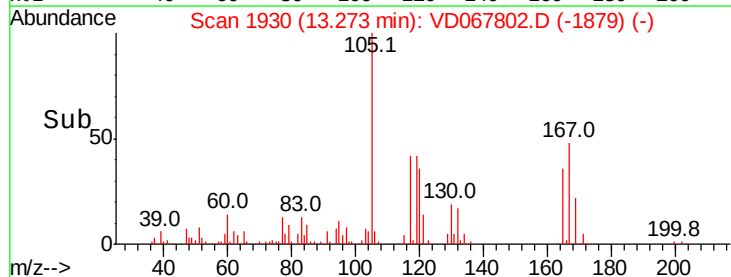
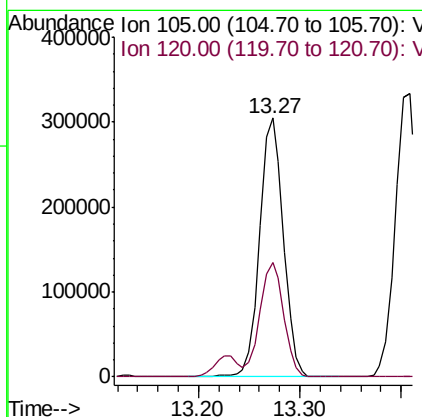
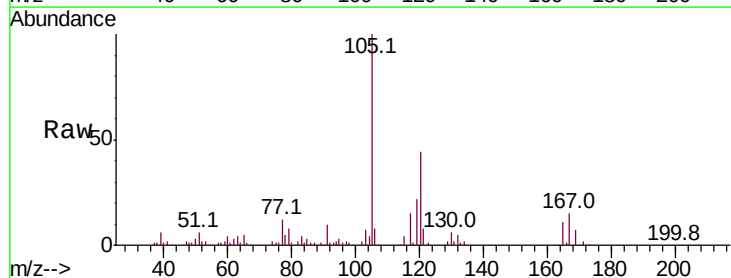
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

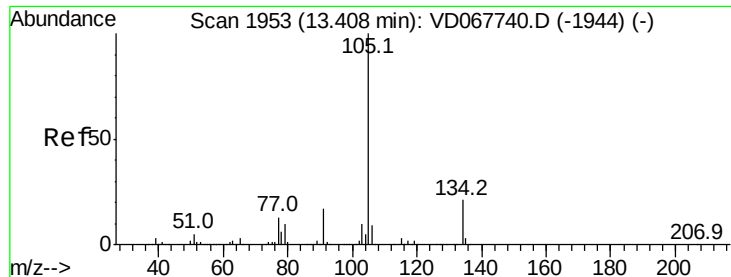
Tot Ion:119 Resp: 420456
 Ion Ratio Lower Upper
 119 100
 91 65.6 32.9 98.7
 134 24.2 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 52.542 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD067802.D
 Acq: 25 Nov 2020 22:03

Tgt Ion:105 Resp: 493144
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 50.089 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

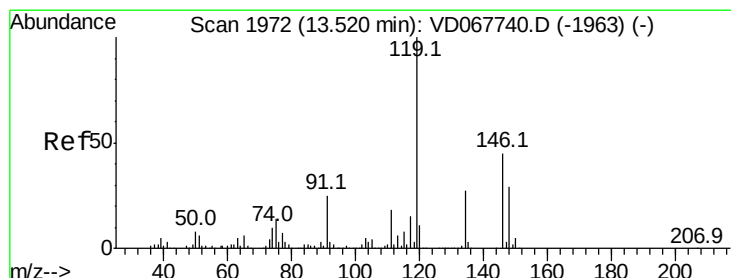
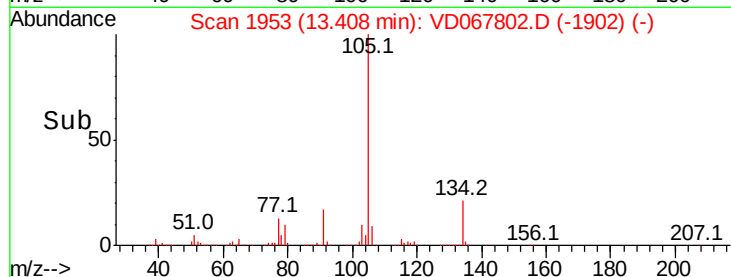
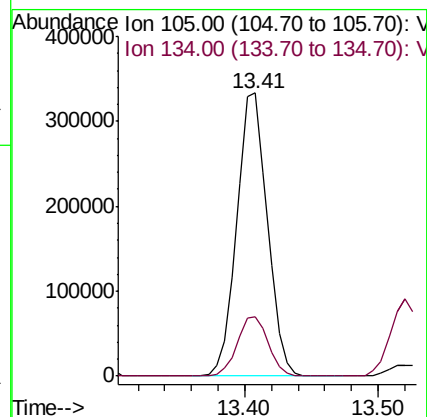
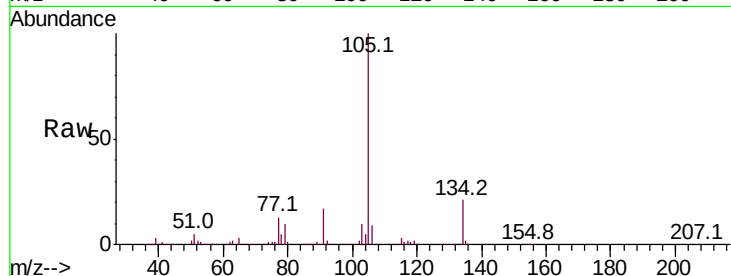
VSTDCCC050EC

Tot Ion:105 Resp: 531272

Ion Ratio Lower Upper

105 100

134 21.3 10.7 32.1



#86

p-Isopropyltoluene

Concen: 50.519 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

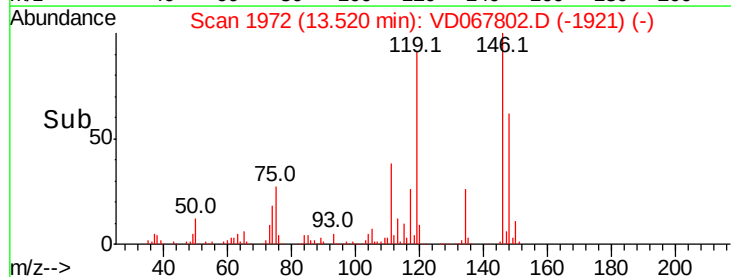
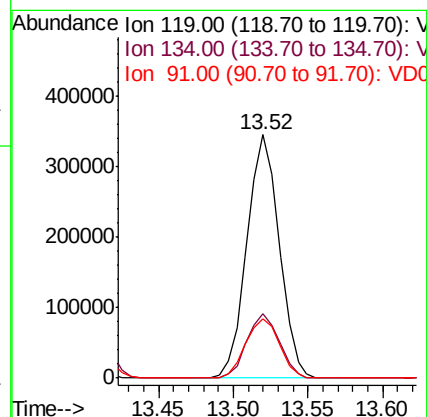
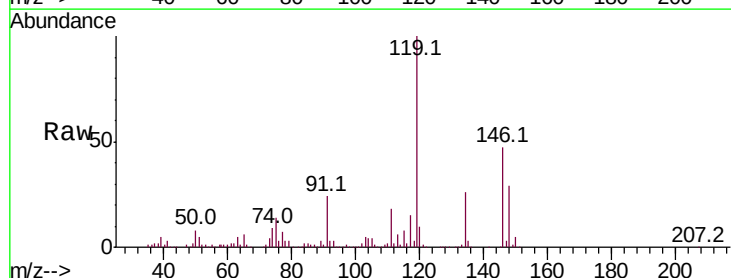
Tgt Ion:119 Resp: 519001

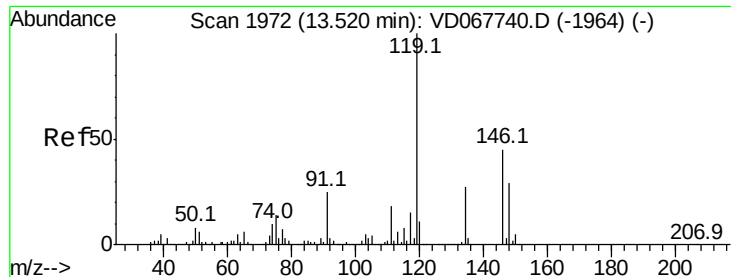
Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

91 25.3 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 50.038 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

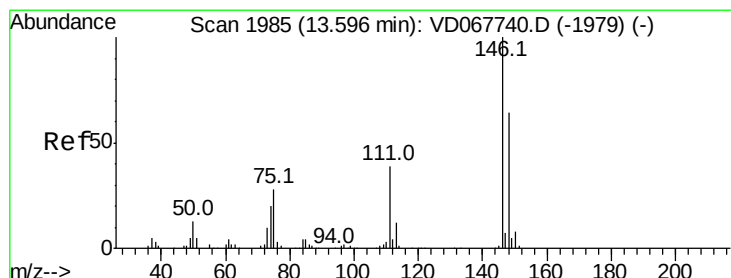
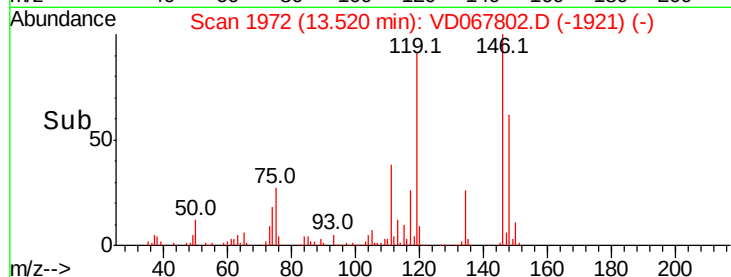
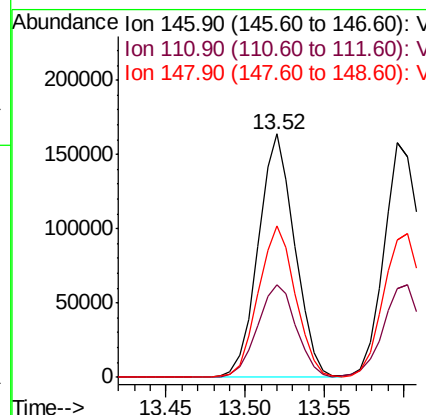
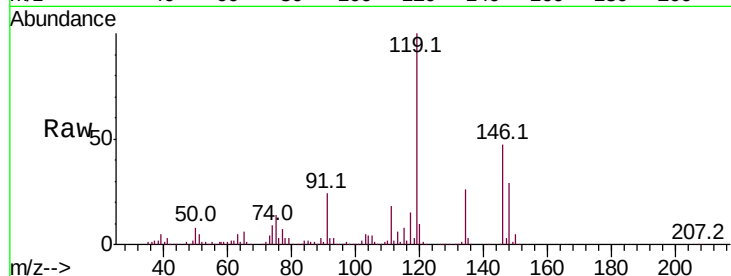
Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 261870

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.6
148	63.6	32.5	97.4



#88

1,4-Dichlorobenzene

Concen: 49.004 ug/l

RT: 13.60 min Scan# 1985

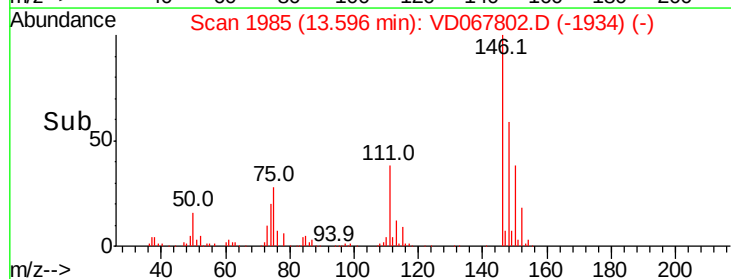
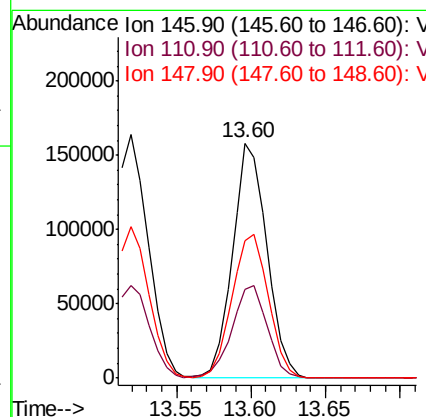
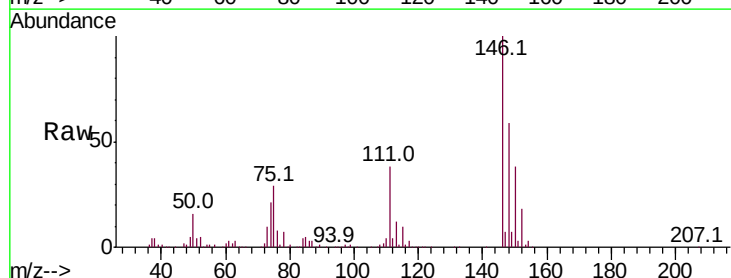
Delta R.T. -0.00 min

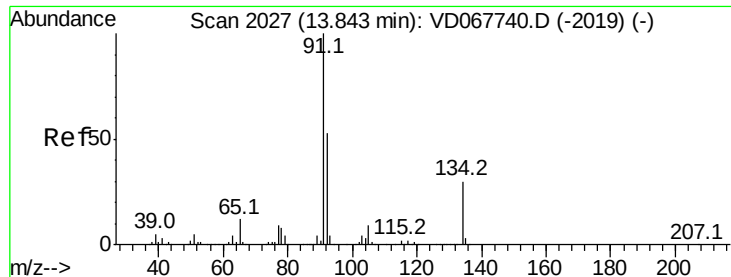
Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Tgt Ion:146 Resp: 254046

Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.4	58.4
148	64.8	31.6	94.8

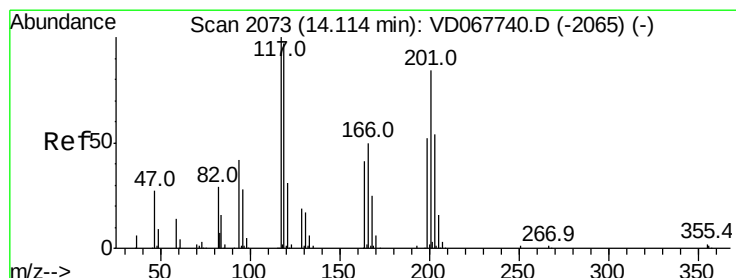
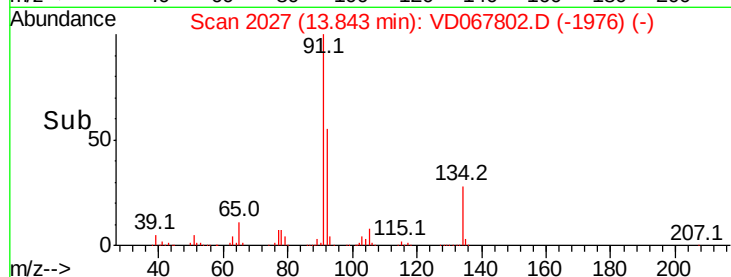
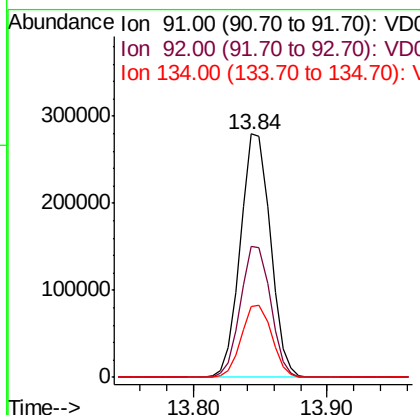
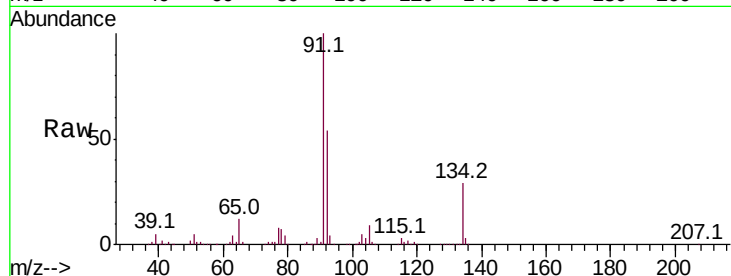




#89
n-Butylbenzene
Concen: 49.565 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

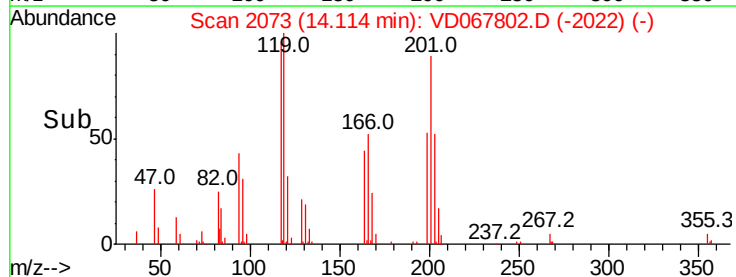
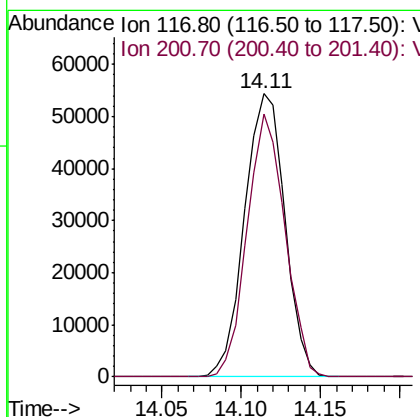
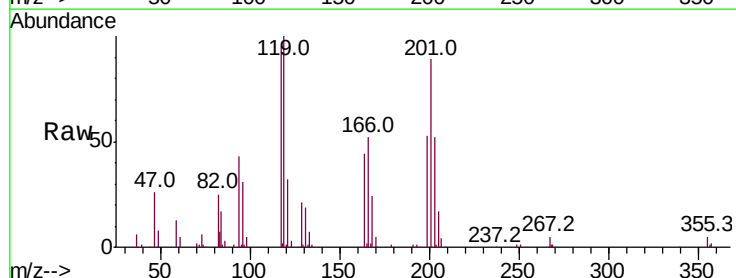
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

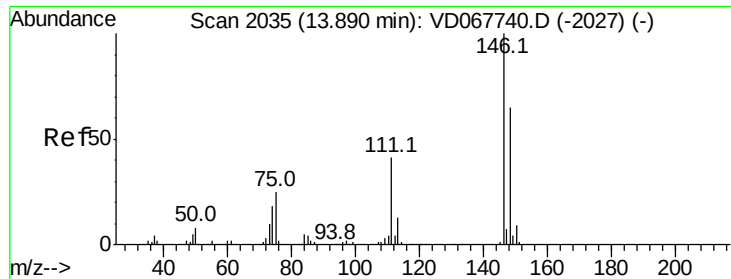
Tot Ion: 91 Resp: 436354
Ion Ratio Lower Upper
91 100
92 54.0 26.6 79.7
134 30.0 14.8 44.3



#90
Hexachloroethane
Concen: 49.276 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

Tgt Ion: 117 Resp: 96367
Ion Ratio Lower Upper
117 100
201 87.4 42.2 126.6

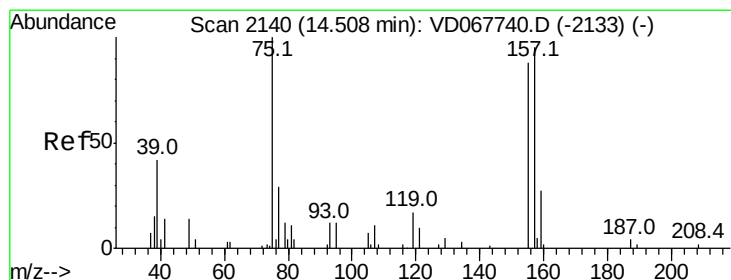
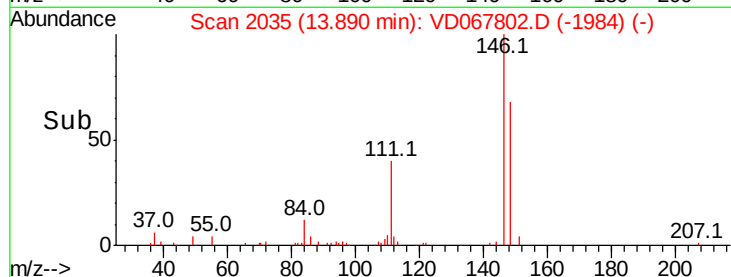
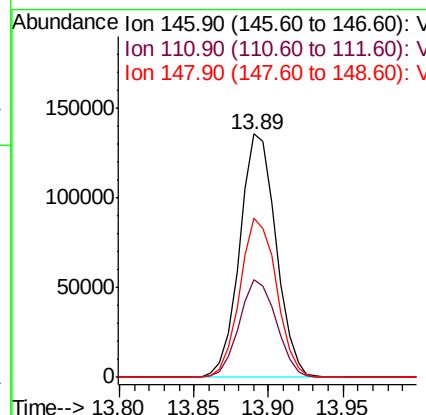
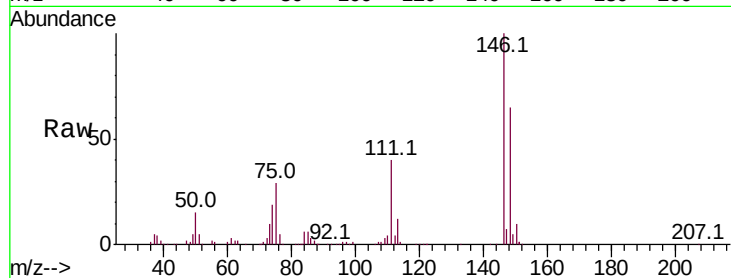




#91
 1,2-Dichlorobenzene
 Concen: 50.689 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD067802.D
 Acq: 25 Nov 2020 22:03

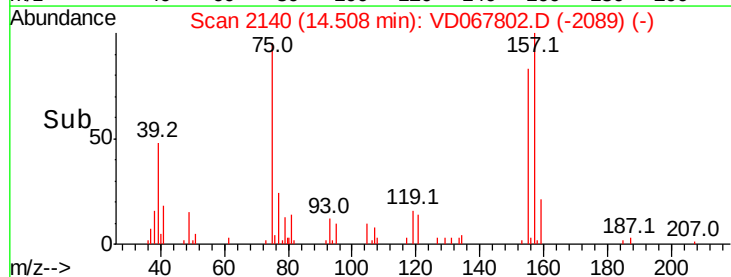
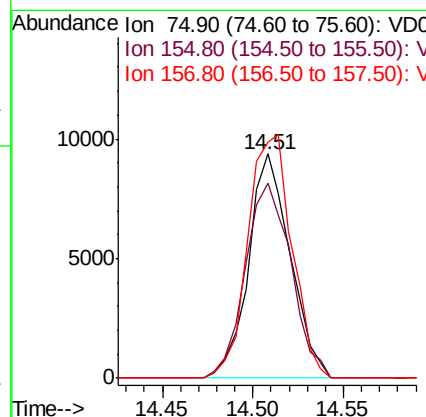
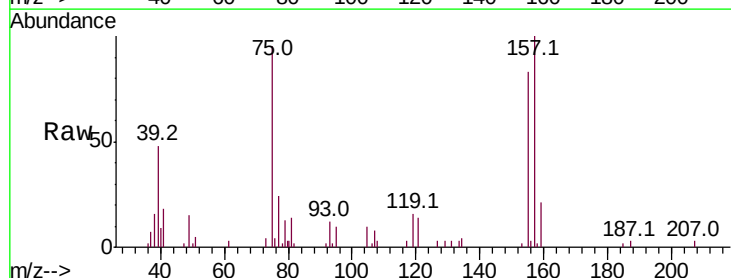
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

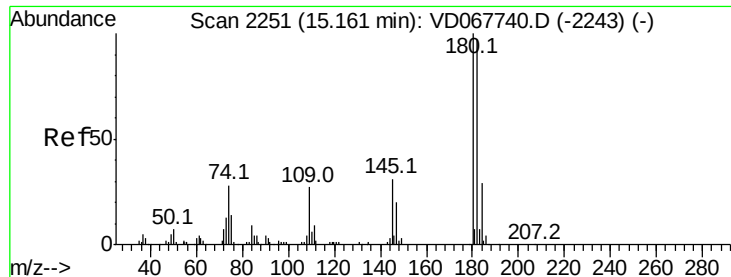
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.5
148	66.1	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.796 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD067802.D
 Acq: 25 Nov 2020 22:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.8	41.0	123.0
157	115.0	51.1	153.4





#93

1,2,4-Trichlorobenzene

Concen: 50.991 ug/l

RT: 15.17 min Scan# 2252

Delta R.T. 0.01 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

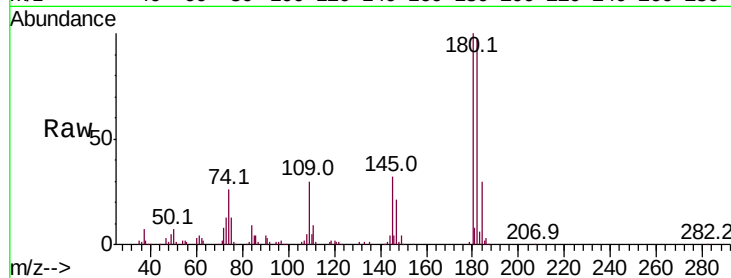
Tot Ion:180 Resp: 162768

Ion Ratio Lower Upper

180 100

182 94.0 47.4 142.2

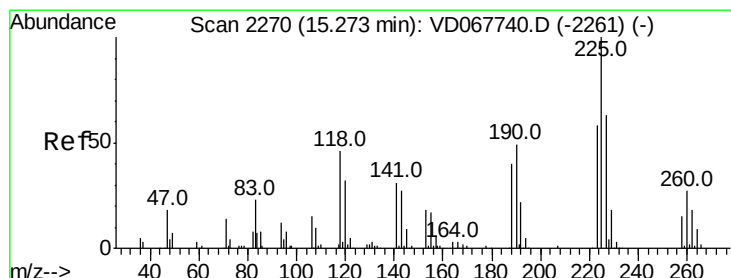
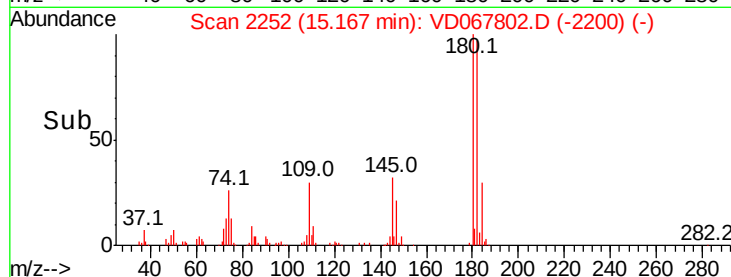
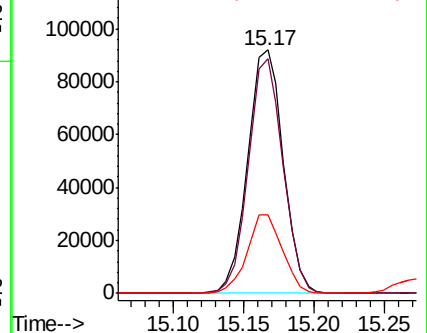
145 32.0 16.1 48.3



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: 50.774 ug/l

RT: 15.27 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VD067802.D

Acq: 25 Nov 2020 22:03

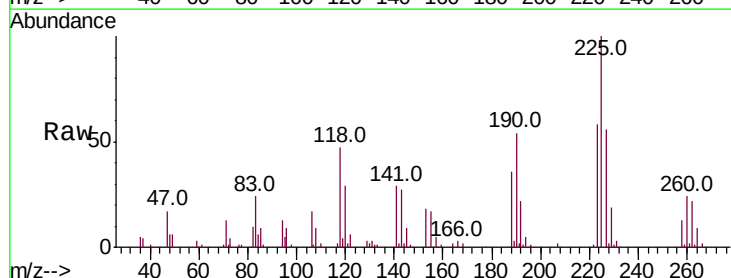
Tgt Ion:225 Resp: 103556

Ion Ratio Lower Upper

225 100

223 60.2 31.5 94.5

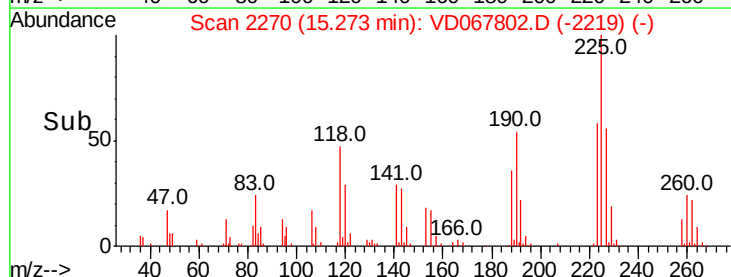
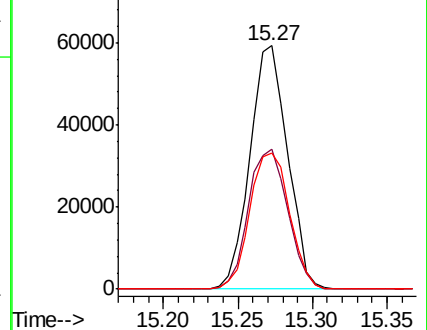
227 58.9 32.9 98.7

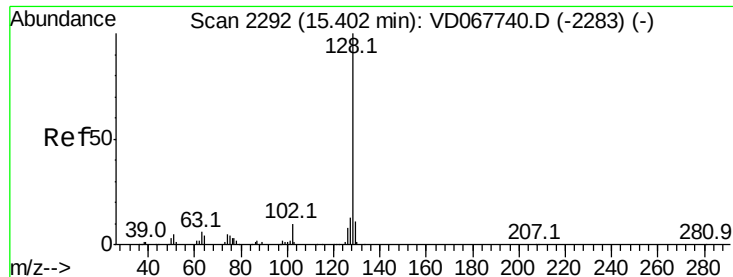


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

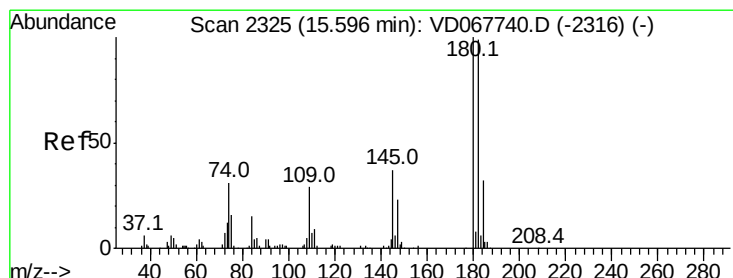
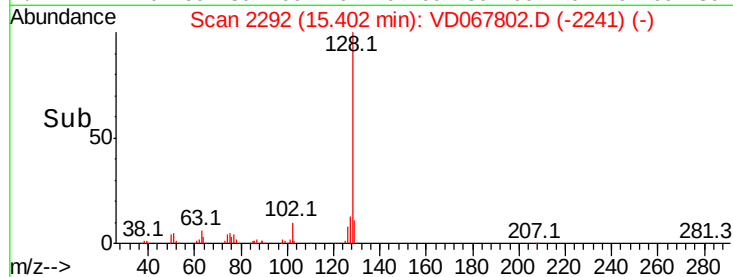
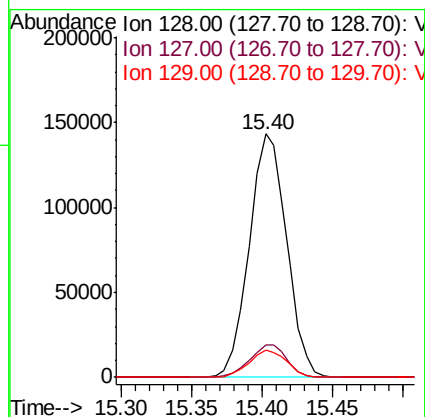
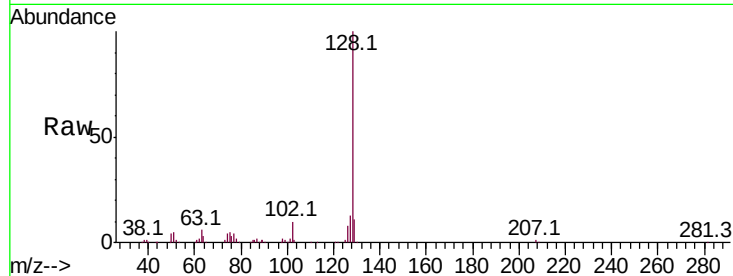




#95
Naphthalene
Concen: 51.572 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 266424
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.365 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.01 min
Lab File: VD067802.D
Acq: 25 Nov 2020 22:03

Tgt Ion:180 Resp: 139663
Ion Ratio Lower Upper
180 100
182 94.5 48.0 144.0
145 34.8 16.8 50.4

