

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067589.D
 Acq On : 10 Nov 2020 18:17
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 11 00:05:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	285807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	406026	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	382976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	202751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	116631	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
35) Dibromofluoromethane	7.92	113	118654	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	10.34	98	403963	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
62) 4-Bromofluorobenzene	12.64	95	149956	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	106112	45.452	ug/l	95
3) Chloromethane	2.21	50	68893	38.709	ug/l	99
4) Vinyl Chloride	2.35	62	80877	40.759	ug/l	100
5) Bromomethane	2.77	94	69864	43.439	ug/l	98
6) Chloroethane	2.93	64	54318	44.401	ug/l	97
7) Trichlorofluoromethane	3.27	101	239297	46.576	ug/l	95
8) Diethyl Ether	3.71	74	52761	50.964	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	120406	46.427	ug/l	99
10) Methyl Iodide	4.30	142	133932	48.184	ug/l	99
11) Tert butyl alcohol	5.21	59	37940	361.284	ug/l	97
12) 1,1-Dichloroethene	4.07	96	111908	46.912	ug/l	90
13) Acrolein	3.92	56	33172	293.493	ug/l	99
14) Allyl chloride	4.71	41	115760	45.341	ug/l	96
15) Acrylonitrile	5.41	53	97561	254.935	ug/l	99
16) Acetone	4.16	43	89653	239.732	ug/l	96
17) Carbon Disulfide	4.41	76	318352	43.551	ug/l	100
18) Methyl Acetate	4.71	43	42417	54.888	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	254520	54.091	ug/l #	91
20) Methylene Chloride	4.97	84	129298	48.945	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	127401	45.853	ug/l	99
22) Diisopropyl ether	6.37	45	241323	48.505	ug/l	96
23) Vinyl Acetate	6.31	43	656558	252.107	ug/l	95
24) 1,1-Dichloroethane	6.27	63	190829	46.885	ug/l	98
25) 2-Butanone	7.21	43	103391	258.737	ug/l	99
26) 2,2-Dichloropropane	7.21	77	199194	46.371	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	139119	48.239	ug/l	97
28) Bromochloromethane	7.54	49	71189	49.171	ug/l	94
29) Tetrahydrofuran	7.56	42	62035	259.169	ug/l	96
30) Chloroform	7.71	83	236774	48.762	ug/l	95
31) Cyclohexane	7.99	56	157824	43.543	ug/l #	83
32) 1,1,1-Trichloroethane	7.91	97	239014	47.707	ug/l	99
36) 1,1-Dichloropropene	8.11	75	170549	49.072	ug/l	100
37) Ethyl Acetate	7.29	43	45308	50.213	ug/l	96
38) Carbon Tetrachloride	8.10	117	236996	52.483	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067589.D
 Acq On : 10 Nov 2020 18:17
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Nov 11 00:05:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	208081	50.868	ug/l	99
40) Benzene	8.36	78	463945	49.281	ug/l	95
41) Methacrylonitrile	7.56	41	68383	126.788	ug/l #	24
42) 1,2-Dichloroethane	8.43	62	154534	53.128	ug/l	99
43) Isopropyl Acetate	8.46	43	94680	53.057	ug/l	99
44) Trichloroethene	9.11	130	156600	50.589	ug/l	95
45) 1,2-Dichloropropane	9.39	63	105379	51.772	ug/l	94
46) Dibromomethane	9.48	93	69983	54.075	ug/l	100
47) Bromodichloromethane	9.67	83	194290	55.233	ug/l	97
48) Methyl methacrylate	9.46	41	47817	51.898	ug/l	91
49) 1,4-Dioxane	9.46	88	14380	1094.512	ug/l #	90
51) 4-Methyl-2-Pentanone	10.23	43	243192	284.956	ug/l	100
52) Toluene	10.41	92	324860	51.518	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	161891	53.736	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	184694	51.599	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	92492	54.014	ug/l	96
56) Ethyl methacrylate	10.67	69	100493	56.830	ug/l	97
57) 1,3-Dichloropropane	10.95	76	147302	53.457	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	237727	288.287	ug/l	97
59) 2-Hexanone	10.99	43	168916	283.072	ug/l	99
60) Dibromochloromethane	11.14	129	140155	55.330	ug/l	98
61) 1,2-Dibromoethane	11.25	107	90849	52.862	ug/l	98
64) Tetrachloroethene	10.88	164	137967	48.643	ug/l	96
65) Chlorobenzene	11.67	112	371267	50.327	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	148215	50.975	ug/l	99
67) Ethyl Benzene	11.75	91	646628	51.223	ug/l	99
68) m/p-Xylenes	11.86	106	505125	102.851	ug/l	97
69) o-Xylene	12.18	106	225419	51.409	ug/l	99
70) Styrene	12.20	104	392145	51.323	ug/l	99
71) Bromoform	12.37	173	80037	53.974	ug/l #	98
73) Isopropylbenzene	12.48	105	629510	48.042	ug/l	100
74) N-amyl acetate	12.29	43	85393	49.526	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	88752	49.671	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	126520	103.441	ug/l #	100
77) Bromobenzene	12.77	156	160260	49.800	ug/l	97
78) n-propylbenzene	12.83	91	735525	49.074	ug/l	100
79) 2-Chlorotoluene	12.91	91	423549	49.748	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	568702	50.806	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	28983	48.109	ug/l	96
82) 4-Chlorotoluene	13.01	91	458407	50.202	ug/l	99
83) tert-Butylbenzene	13.23	119	489377	51.586	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	563394	50.564	ug/l	98
85) sec-Butylbenzene	13.40	105	634142	49.517	ug/l	98
86) p-Isopropyltoluene	13.52	119	609306	49.269	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	295108	48.059	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	296033	47.612	ug/l	98
89) n-Butylbenzene	13.85	91	523835	49.039	ug/l	99
90) Hexachloroethane	14.11	117	117306	50.370	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	266114	50.074	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17651	55.794	ug/l	97

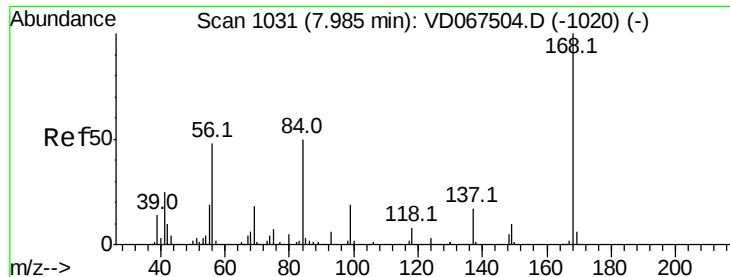
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
Data File : VD067589.D
Acq On : 10 Nov 2020 18:17
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Nov 11 00:05:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	192437	53.351	ug/l	98
94) Hexachlorobutadiene	15.27	225	116018	48.060	ug/l	99
95) Naphthalene	15.40	128	321378	57.735	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	165687	53.642	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

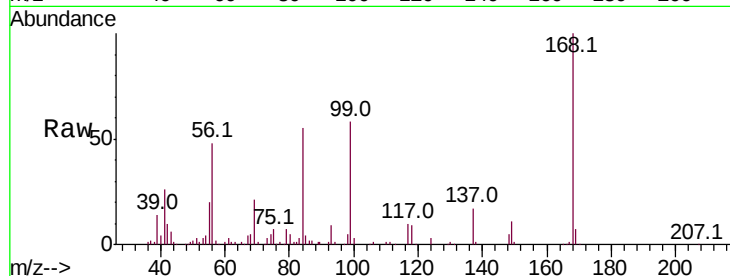
VSTDCCC050EC

Tot Ion:168 Resp: 285807

Ion Ratio Lower Upper

168 100

99 57.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

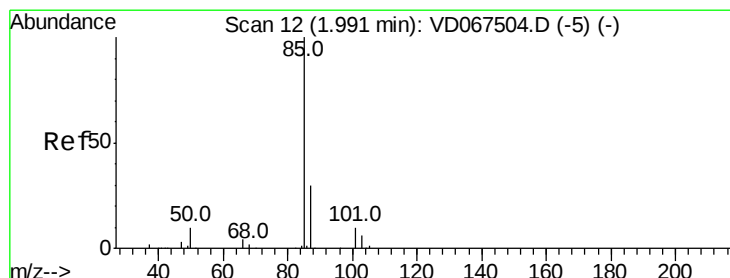
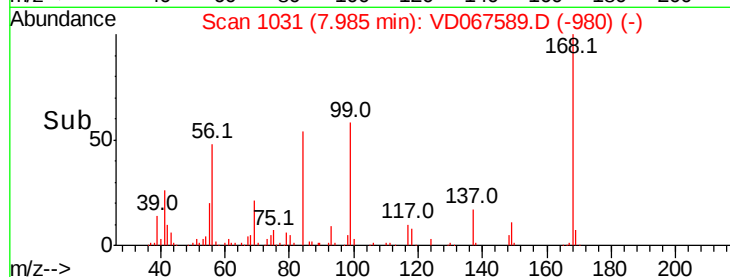
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 45.452 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067589.D

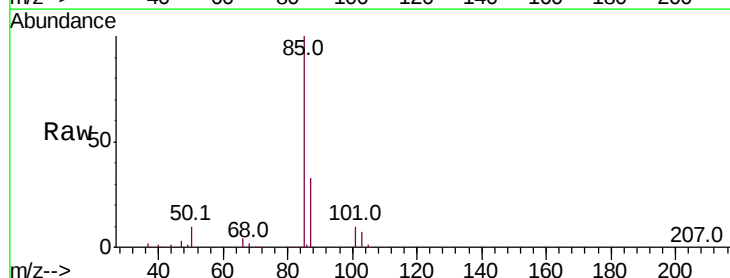
Acq: 10 Nov 2020 18:17

Tgt Ion: 85 Resp: 106112

Ion Ratio Lower Upper

85 100

87 33.0 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

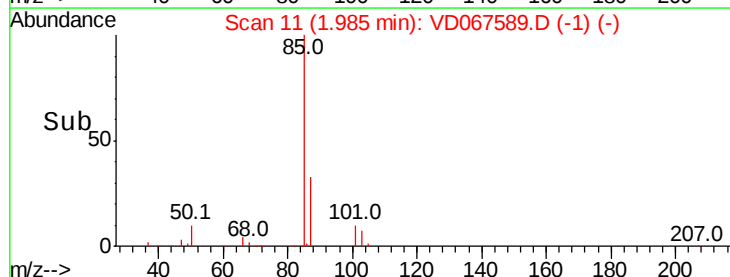
40000

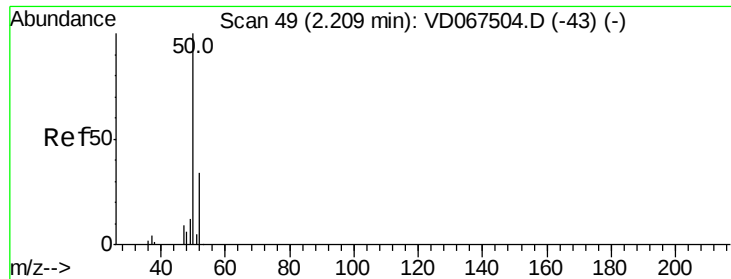
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 38.709 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

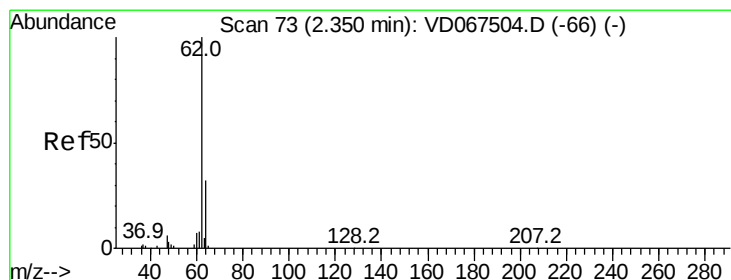
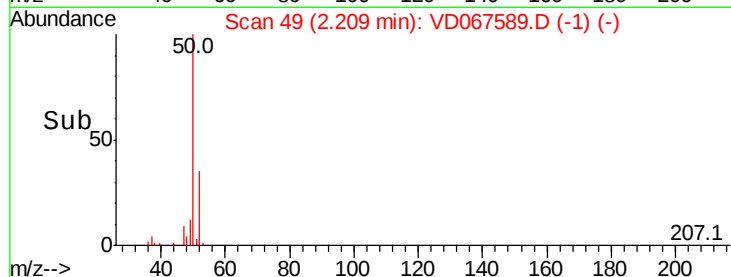
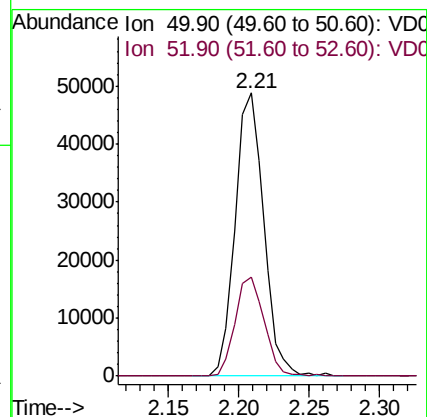
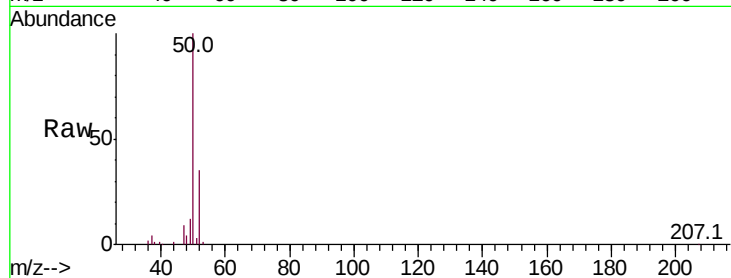
VSTDCCC050EC

Tot Ion: 50 Resp: 68893

Ion Ratio Lower Upper

50 100

52 34.9 27.3 40.9



#4

Vinyl Chloride

Concen: 40.759 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067589.D

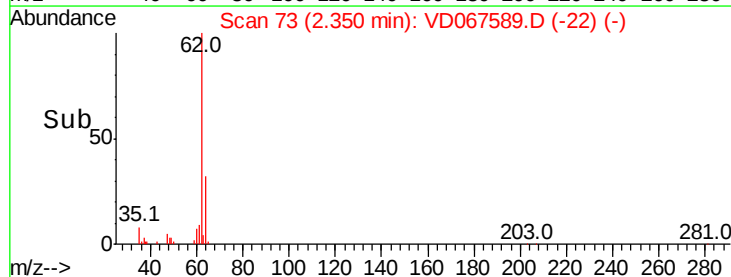
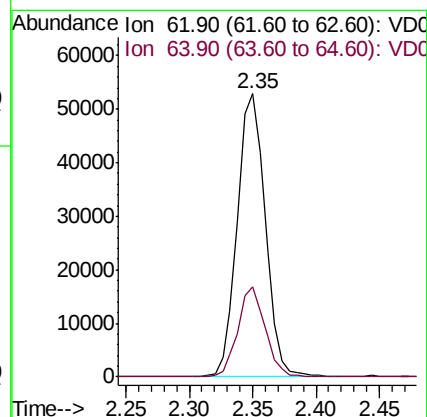
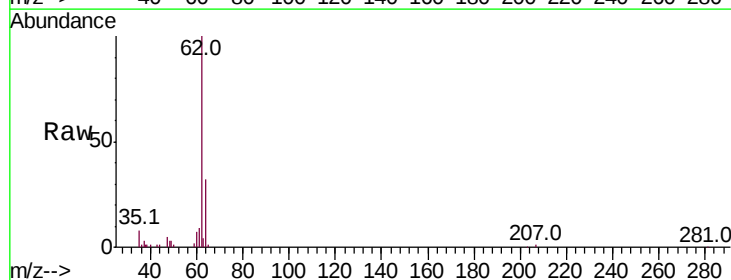
Acq: 10 Nov 2020 18:17

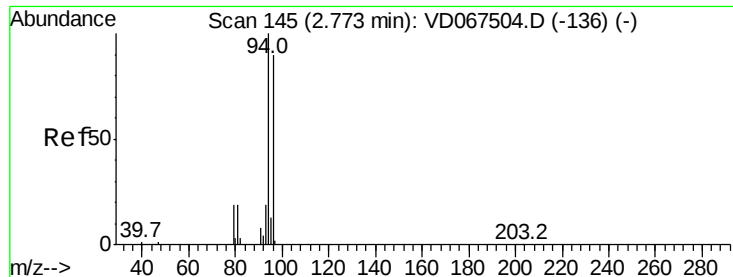
Tgt Ion: 62 Resp: 80877

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 43.439 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

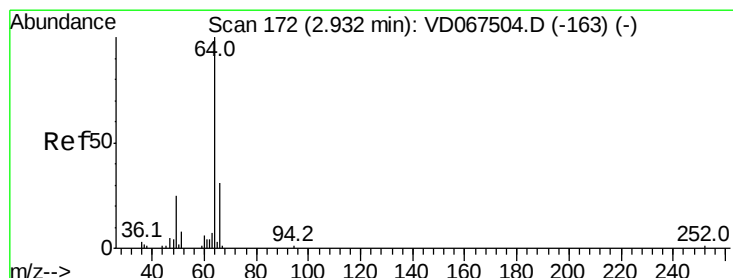
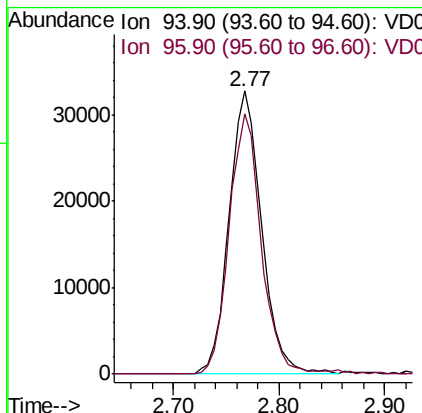
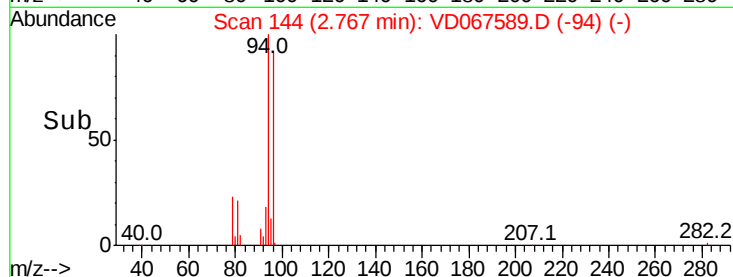
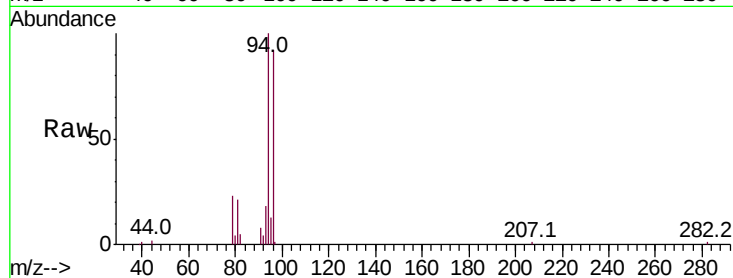
VSTDCCC050EC

Tot Ion: 94 Resp: 69864

Ion Ratio Lower Upper

94 100

96 91.8 72.2 108.2



#6

Chloroethane

Concen: 44.401 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067589.D

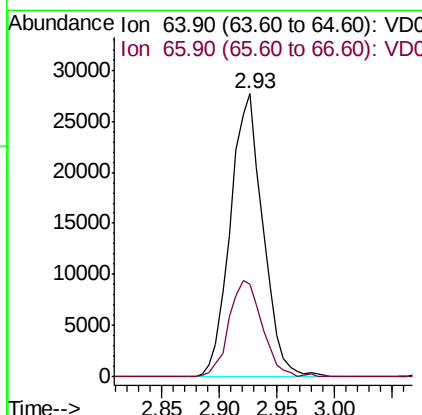
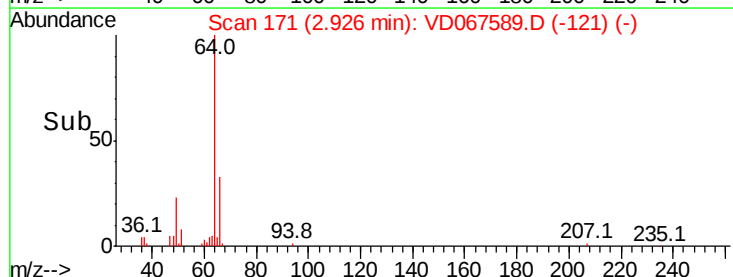
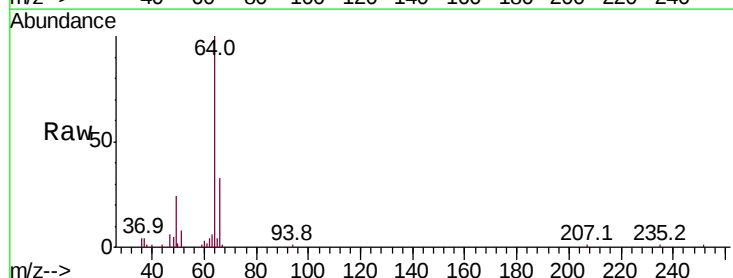
Acq: 10 Nov 2020 18:17

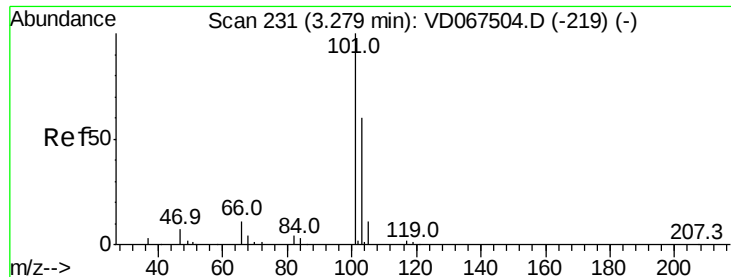
Tgt Ion: 64 Resp: 54318

Ion Ratio Lower Upper

64 100

66 32.6 24.6 36.8



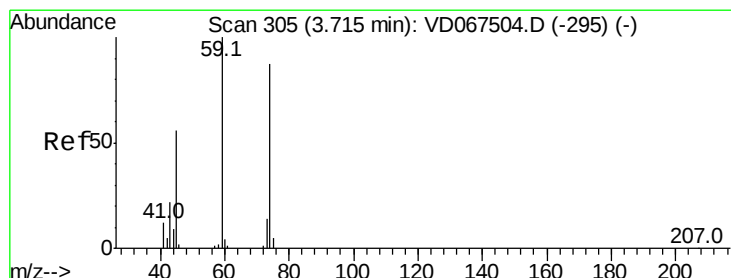
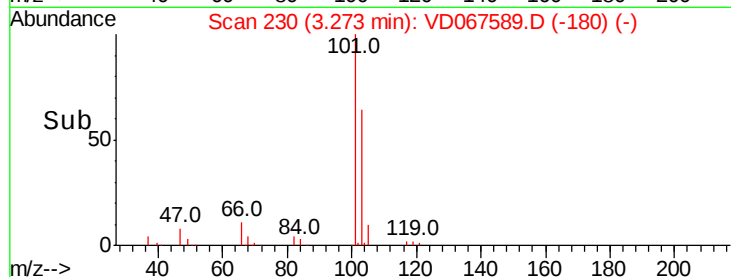
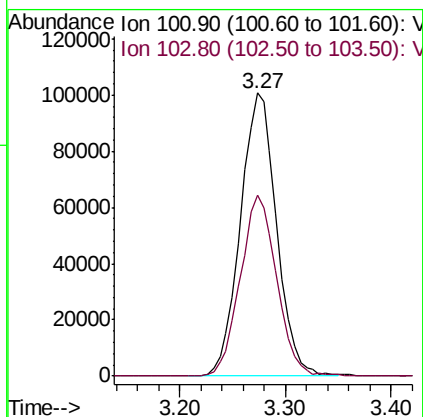
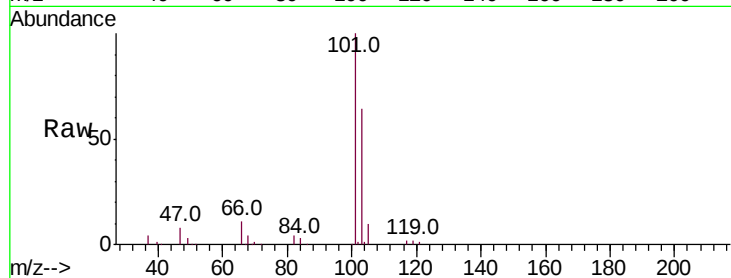


#7

Trichlorofluoromethane
 Concen: 46.576 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

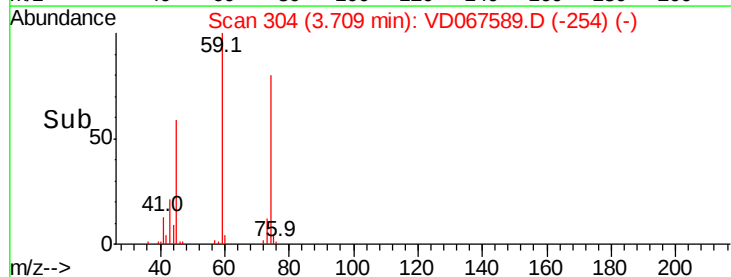
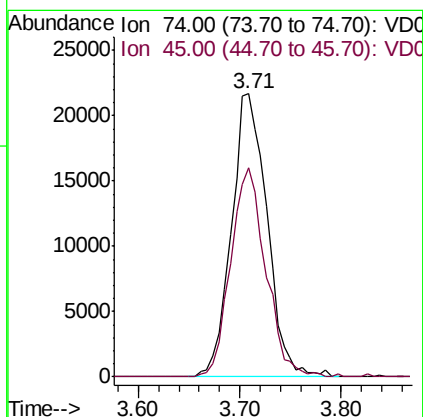
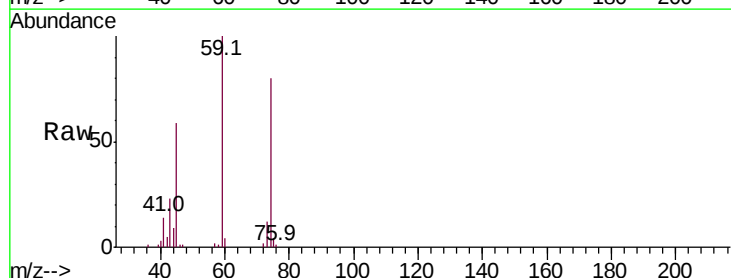
Tot Ion:101 Resp: 239297
 Ion Ratio Lower Upper
 101 100
 103 63.9 48.1 72.1

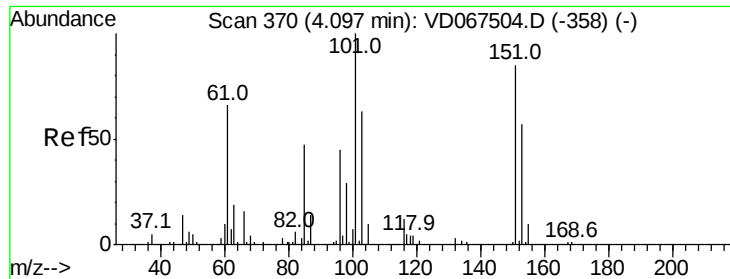


#8

Diethyl Ether
 Concen: 50.964 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Tgt Ion: 74 Resp: 52761
 Ion Ratio Lower Upper
 74 100
 45 72.7 38.2 114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.427 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

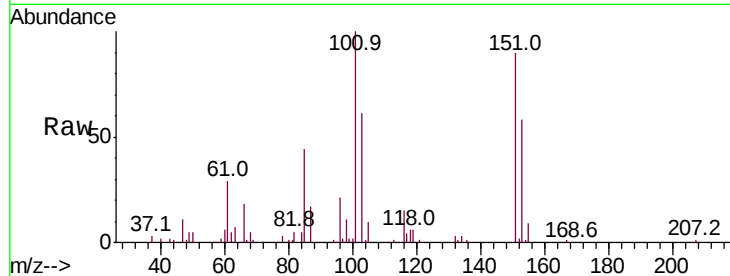
Tot Ion:101 Resp: 120406

Ion Ratio Lower Upper

101 100

85 42.4 34.4 51.6

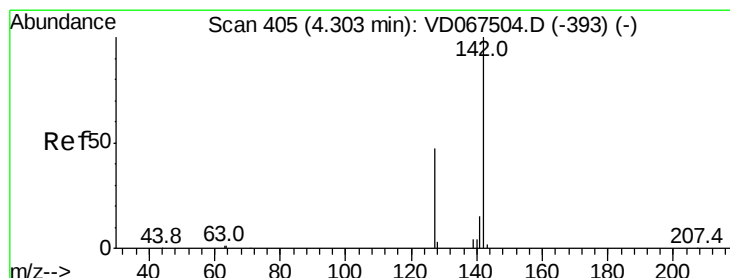
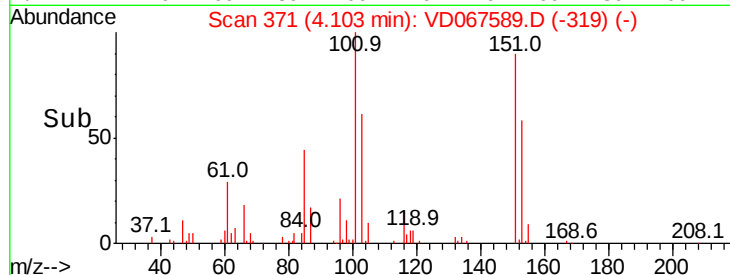
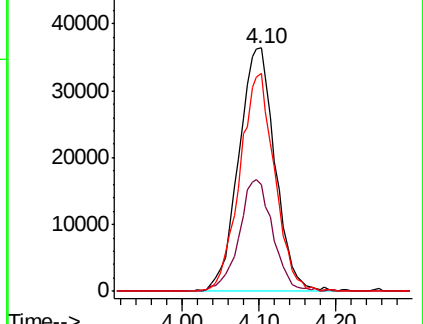
151 85.7 68.1 102.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.184 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

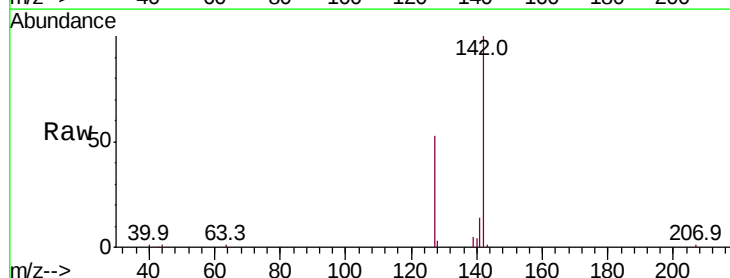
Tgt Ion:142 Resp: 133932

Ion Ratio Lower Upper

142 100

127 50.6 40.0 60.0

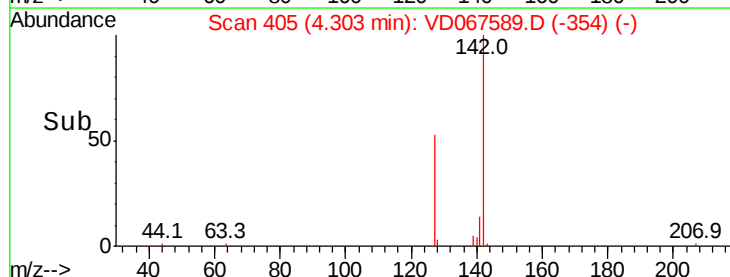
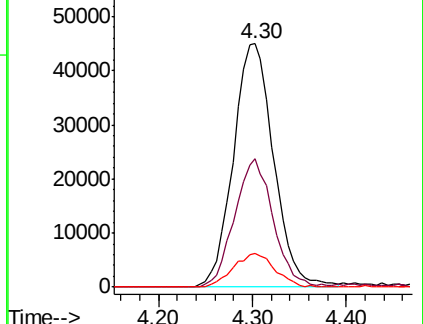
141 14.3 11.7 17.5

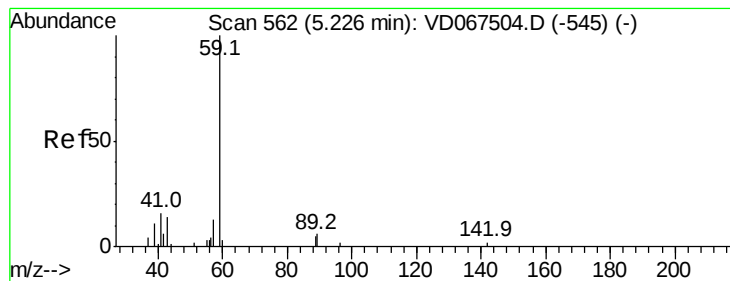


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



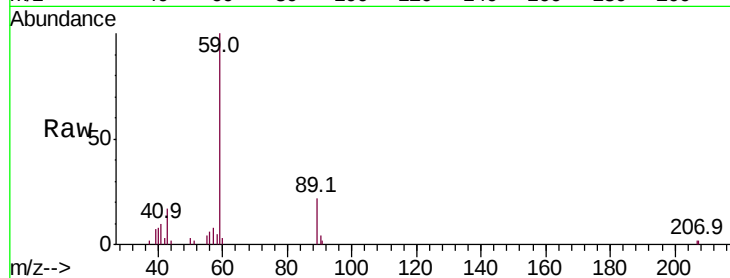


#11

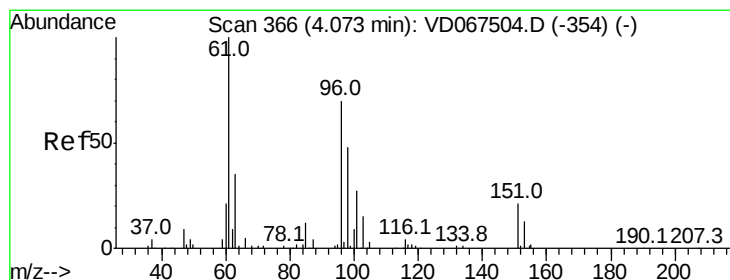
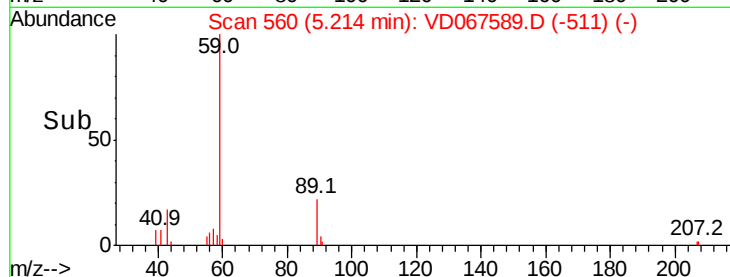
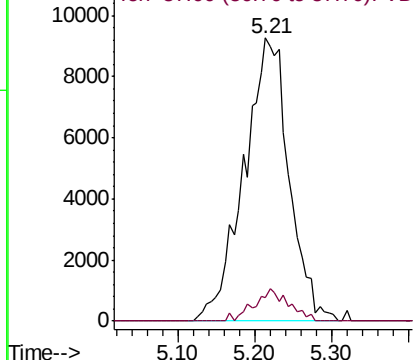
Tert butyl alcohol
Concen: 361.284 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 37940
Ion Ratio Lower Upper
59 100
57 8.4 5.9 8.9



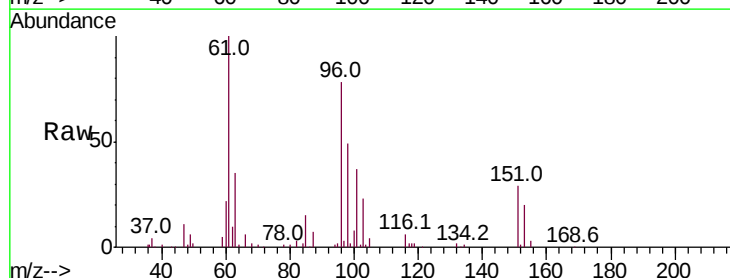
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



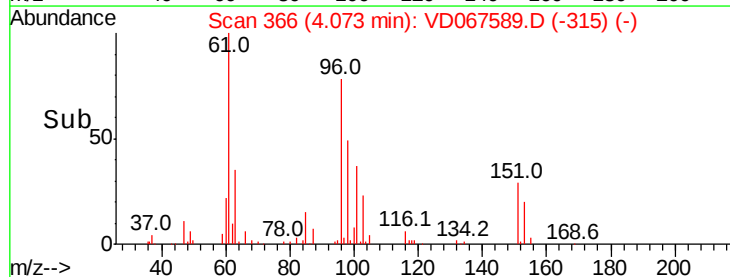
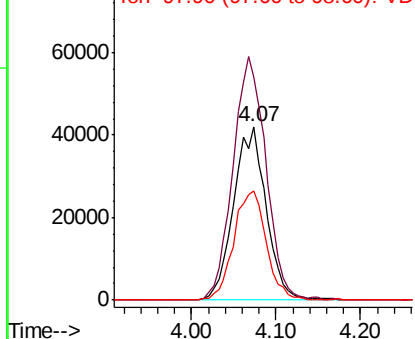
#12

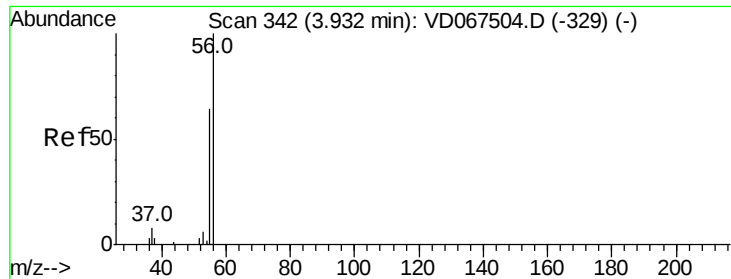
1,1-Dichloroethene
Concen: 46.912 ug/l
RT: 4.07 min Scan# 366
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion: 96 Resp: 111908
Ion Ratio Lower Upper
96 100
61 128.8 114.5 171.7
98 63.3 54.5 81.7



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: 293.493 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

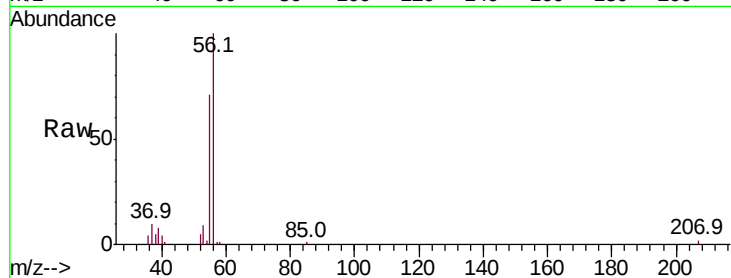
VSTDCCC050EC

Tot Ion: 56 Resp: 33172

Ion Ratio Lower Upper

56 100

55 68.6 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.92

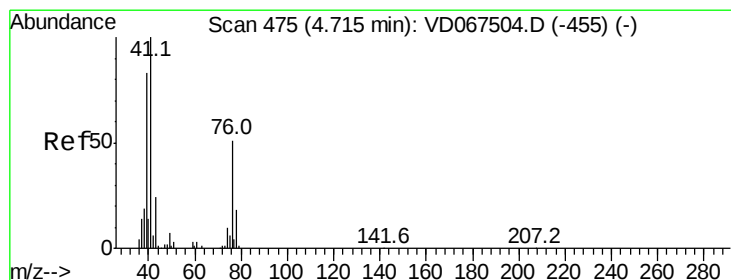
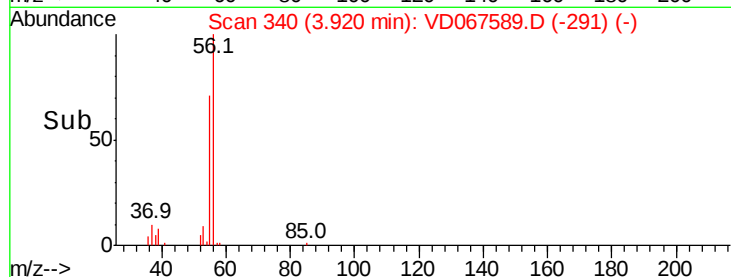
15000

10000

5000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 45.341 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

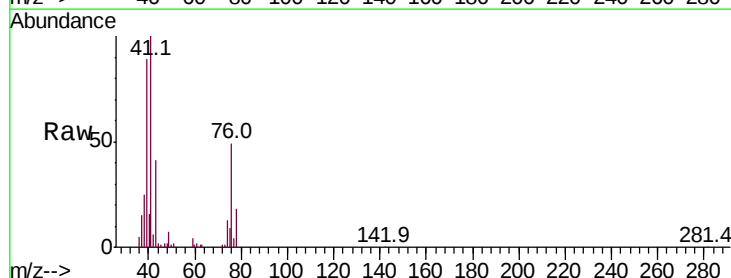
Tgt Ion: 41 Resp: 115760

Ion Ratio Lower Upper

41 100

39 88.9 67.4 101.0

76 53.5 42.2 63.2



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

4.71

50000

40000

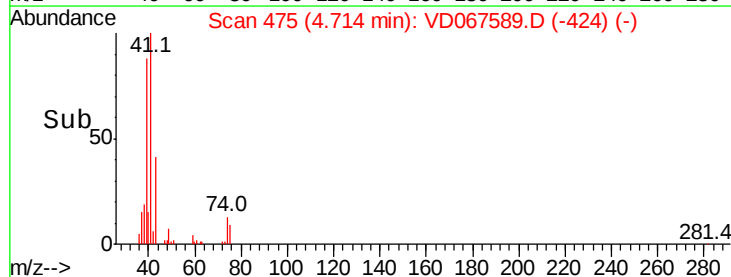
30000

20000

10000

0

Time--> 4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 254.935 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.02 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

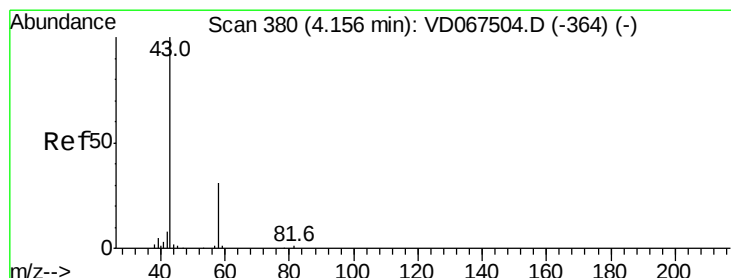
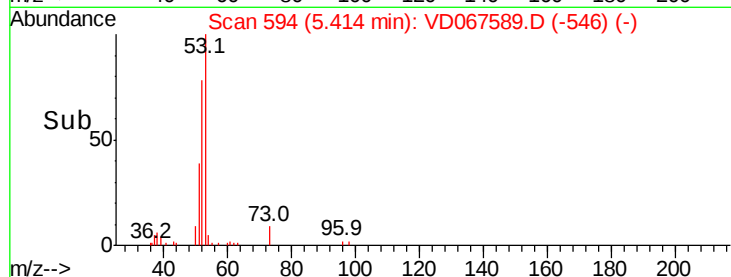
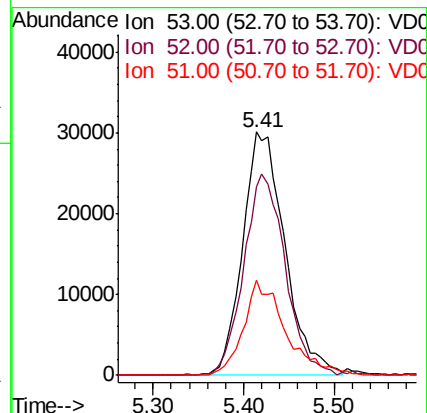
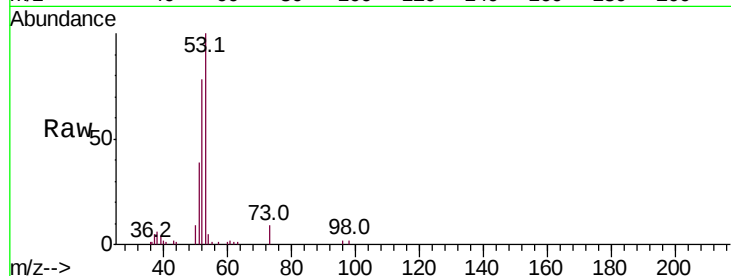
Tot Ion: 53 Resp: 97561

Ion Ratio Lower Upper

53 100

52 81.1 64.8 97.2

51 38.9 29.5 44.3



#16

Acetone

Concen: 239.732 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067589.D

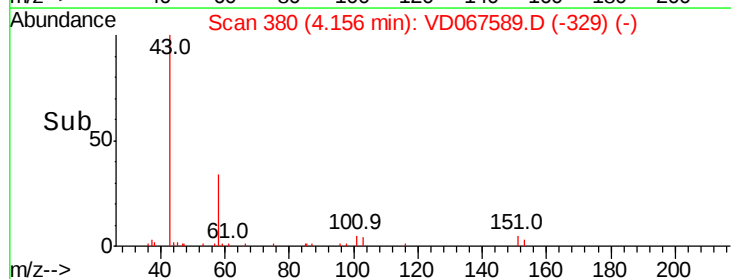
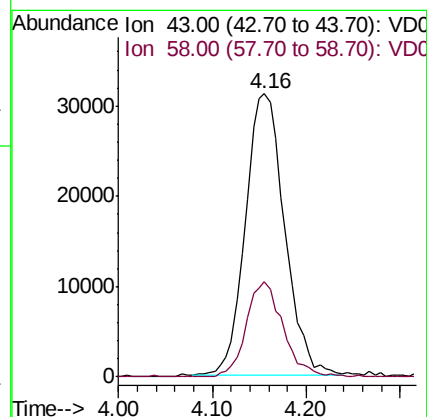
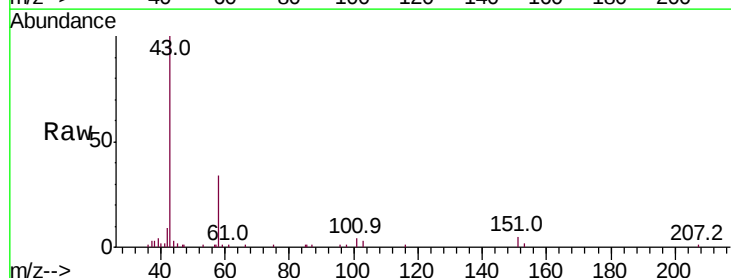
Acq: 10 Nov 2020 18:17

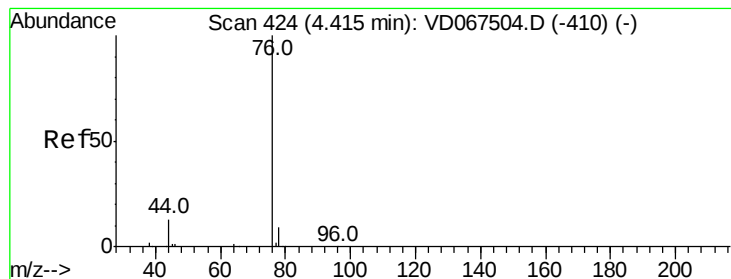
Tgt Ion: 43 Resp: 89653

Ion Ratio Lower Upper

43 100

58 33.8 25.2 37.8





#17

Carbon Disulfide

Concen: 43.551 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

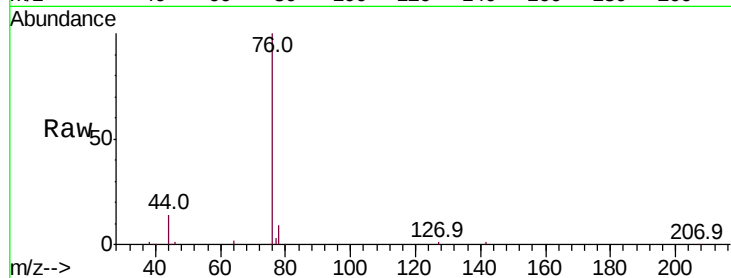
VSTDCCC050EC

Tot Ion: 76 Resp: 318352

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

120000

100000

80000

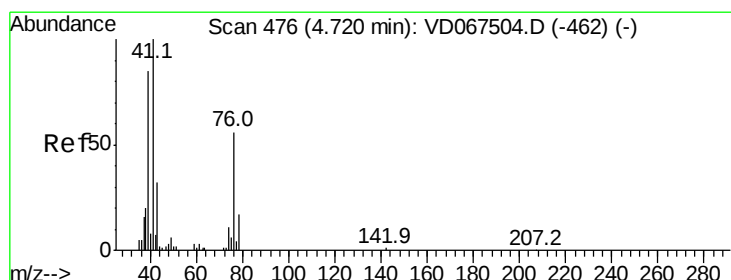
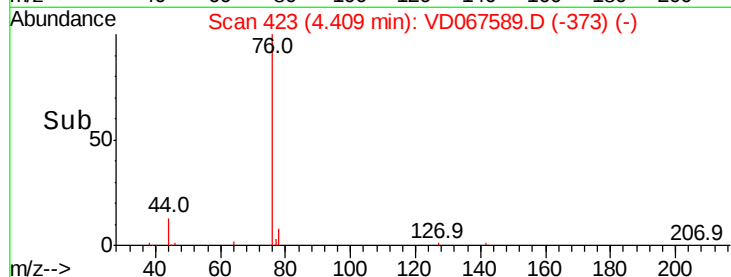
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 54.888 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067589.D

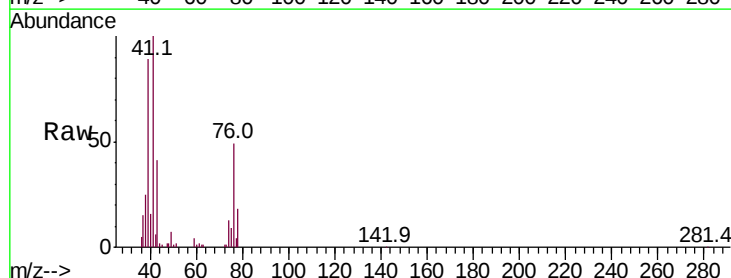
Acq: 10 Nov 2020 18:17

Tgt Ion: 43 Resp: 42417

Ion Ratio Lower Upper

43 100

74 34.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

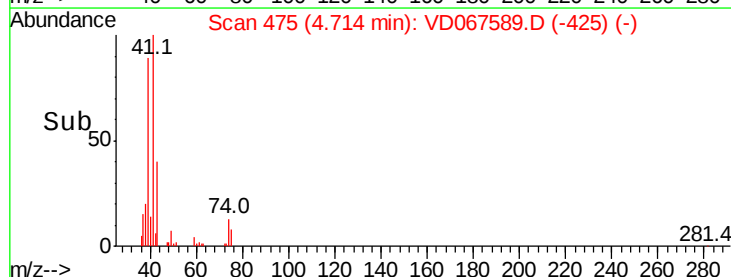
15000

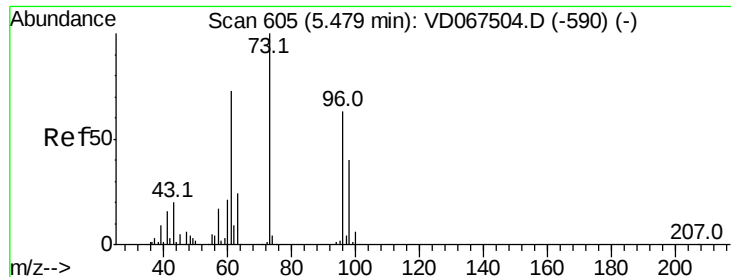
10000

5000

0

Time-->

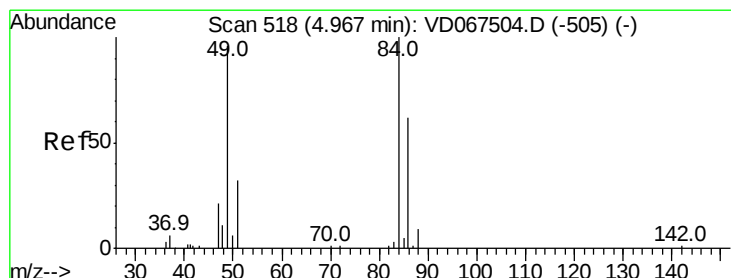
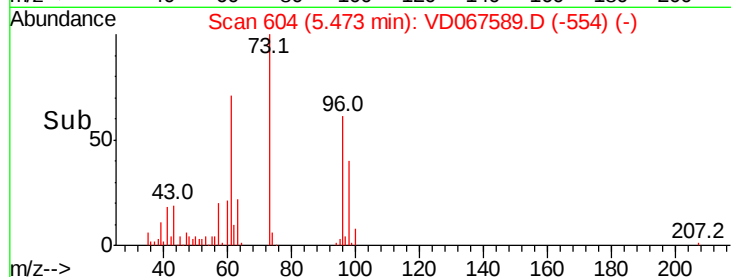
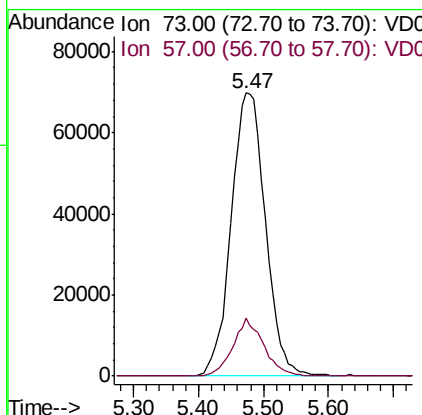
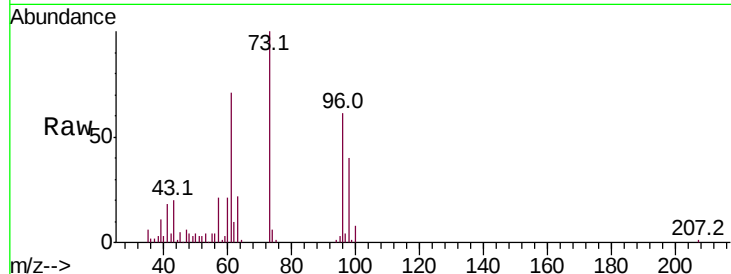




#19
Methvl tert-butvl Ether
Concen: 54.091 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

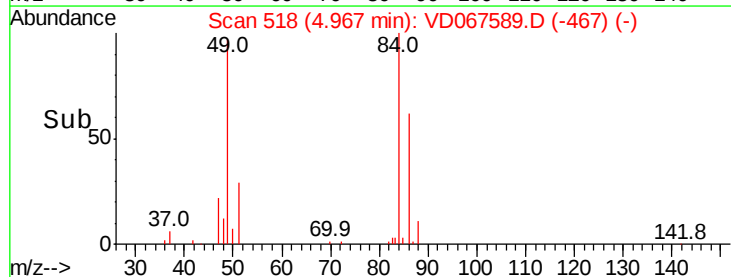
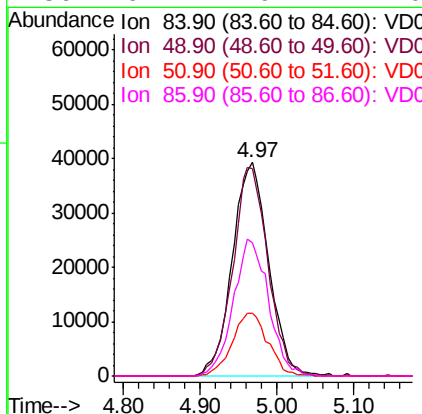
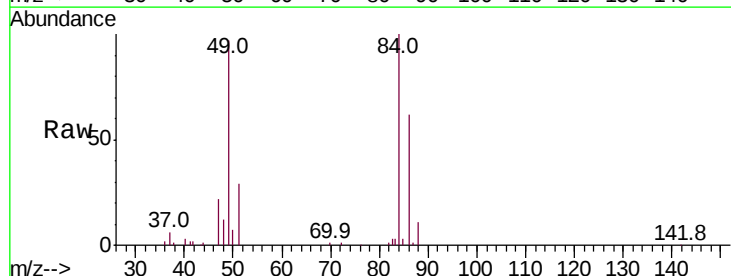
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

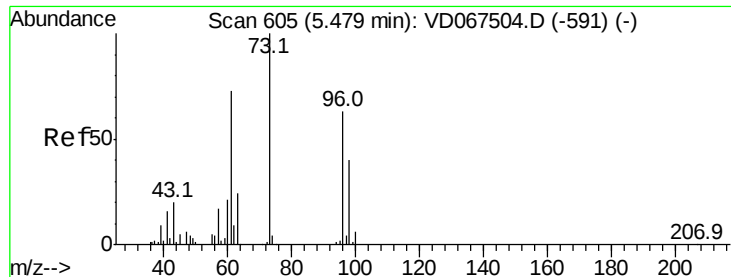
Tot Ion: 73 Resp: 254520
Ion Ratio Lower Upper
73 100
57 20.6 13.4 20.0#



#20
Methylene Chloride
Concen: 48.945 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion: 84 Resp: 129298
Ion Ratio Lower Upper
84 100
49 97.0 77.0 115.4
51 29.5 25.4 38.2
86 62.4 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 45.853 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

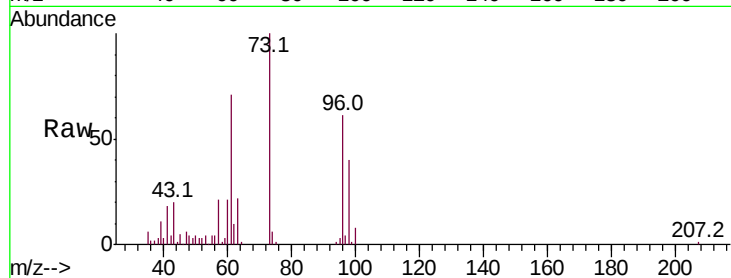
Tot Ion: 96 Resp: 127401

Ion Ratio Lower Upper

96 100

61 116.8 93.0 139.6

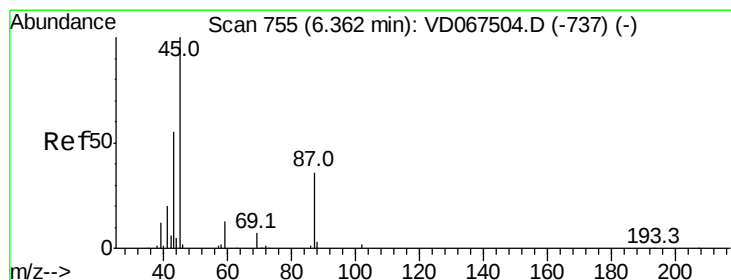
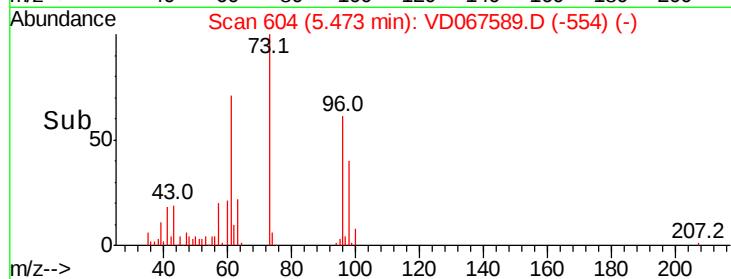
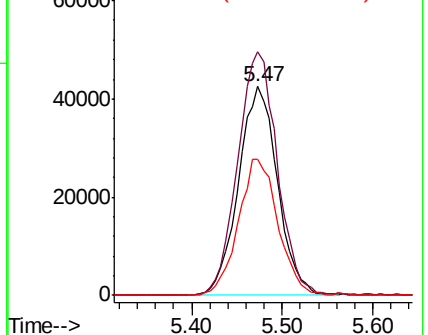
98 65.2 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 48.505 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Tgt Ion: 45 Resp: 241323

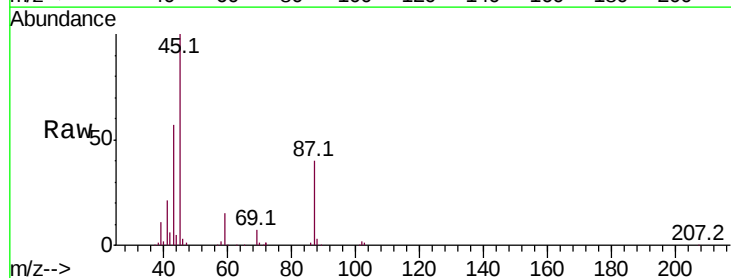
Ion Ratio Lower Upper

45 100

43 55.8 46.2 69.4

87 40.0 29.4 44.2

59 15.0 10.8 16.2

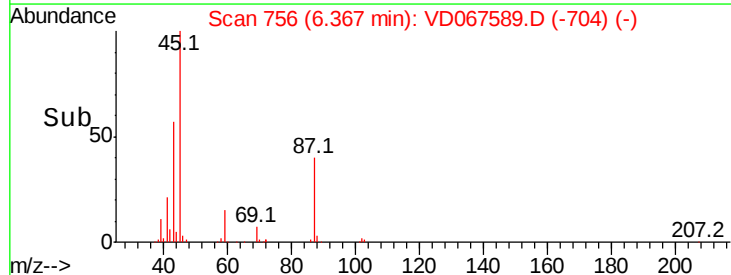
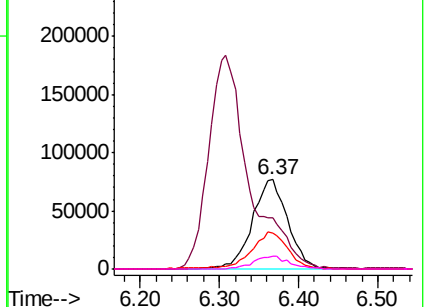


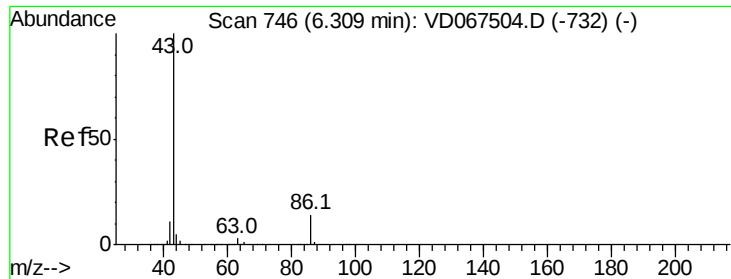
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC

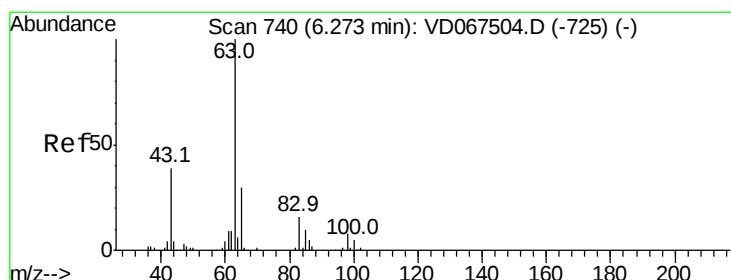
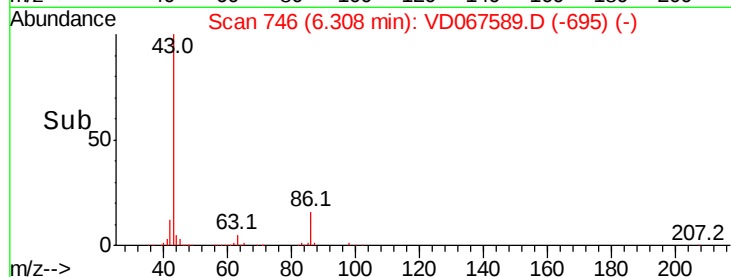
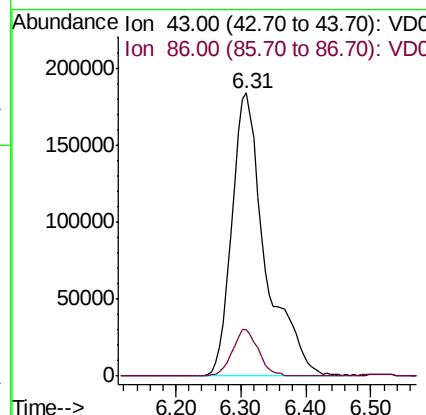
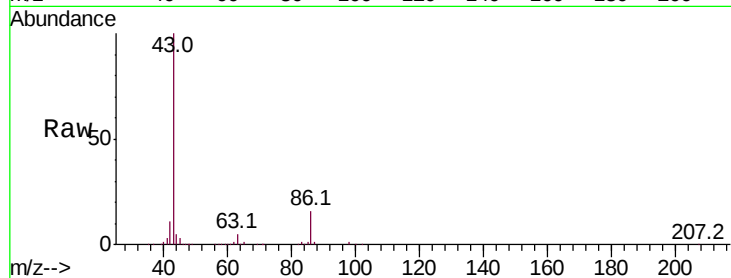




#23
 Vinyl Acetate
 Concen: 252.107 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

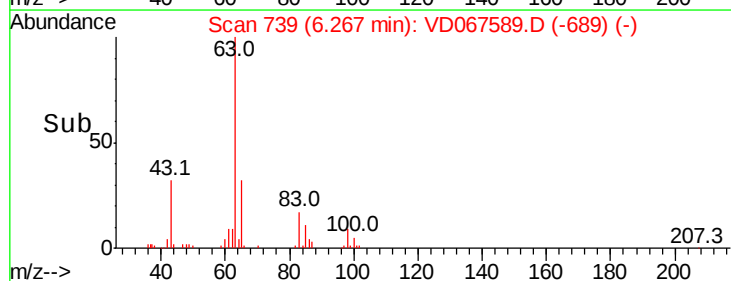
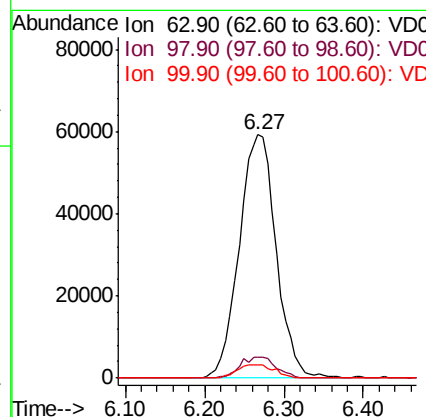
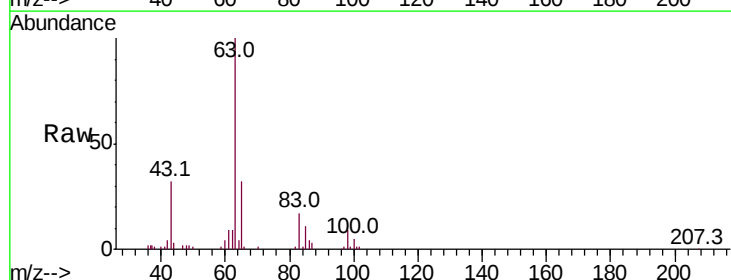
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

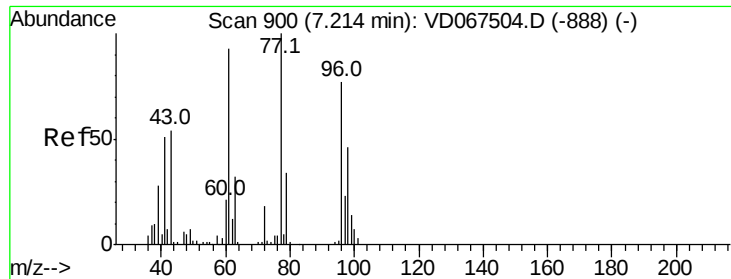
Tot Ion: 43 Resp: 656558
 Ion Ratio Lower Upper
 43 100
 86 16.4 11.6 17.4



#24
 1,1-Dichloroethane
 Concen: 46.885 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Tgt Ion: 63 Resp: 190829
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.5
 100 5.4 2.6 7.8

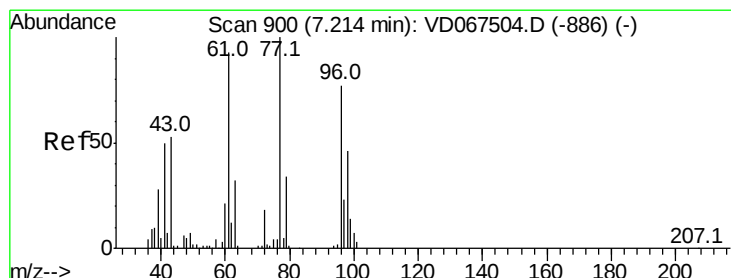
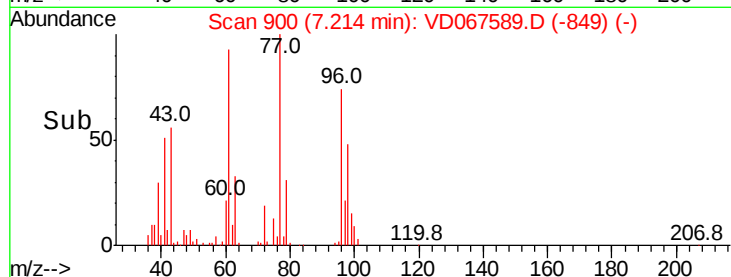
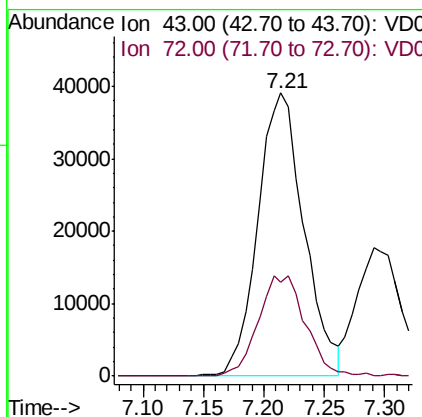
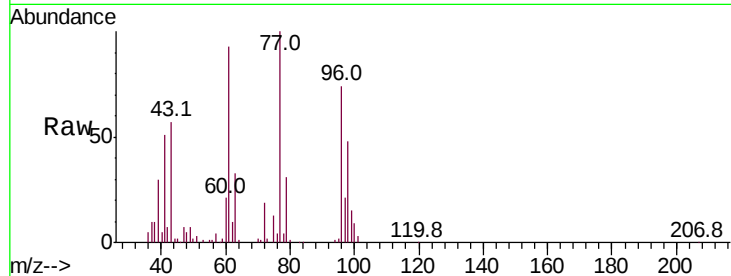




#25
2-Butanone
Concen: 258.737 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

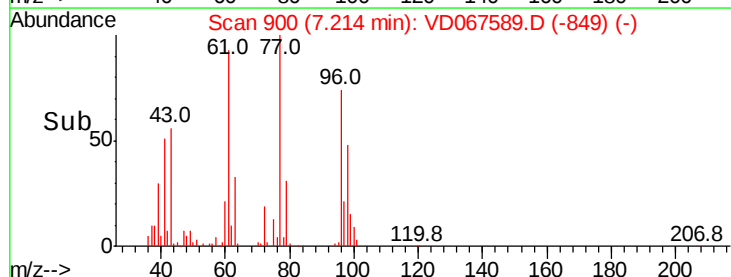
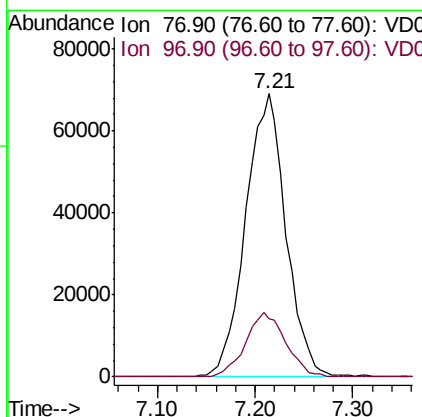
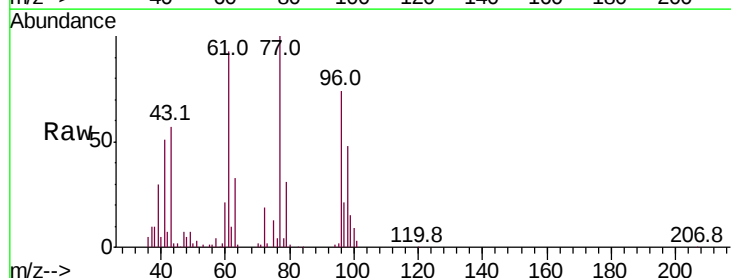
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

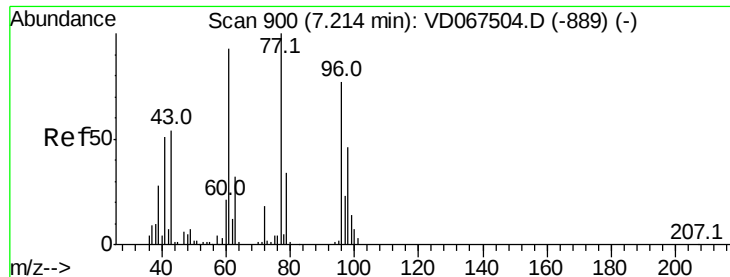
Tot Ion: 43 Resp: 103391
Ion Ratio Lower Upper
43 100
72 33.4 26.4 39.6



#26
2,2-Dichloropropane
Concen: 46.371 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion: 77 Resp: 199194
Ion Ratio Lower Upper
77 100
97 22.7 11.1 33.3



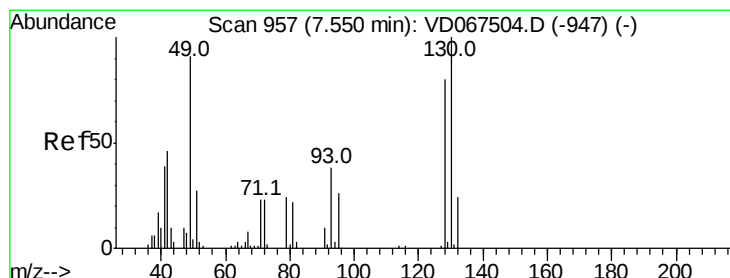
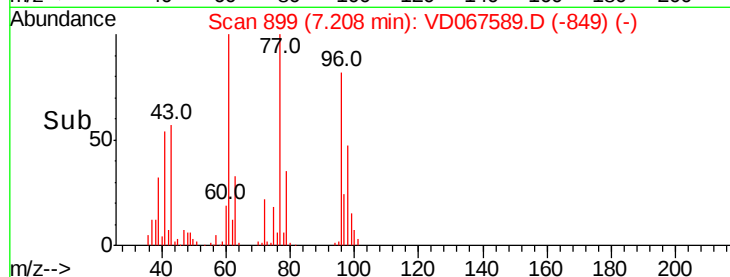
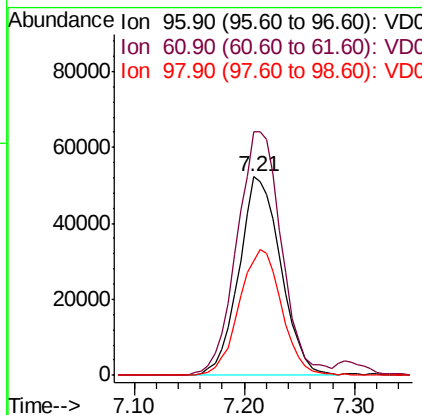
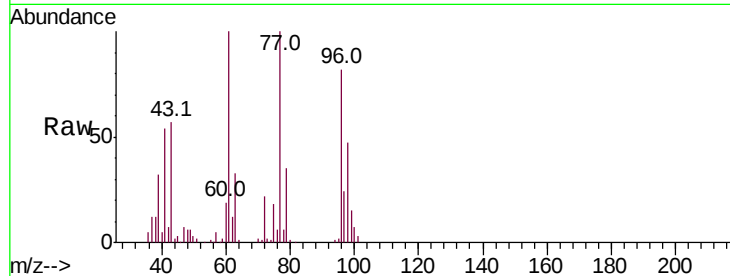


#27

cis-1,2-Dichloroethene
Concen: 48.239 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

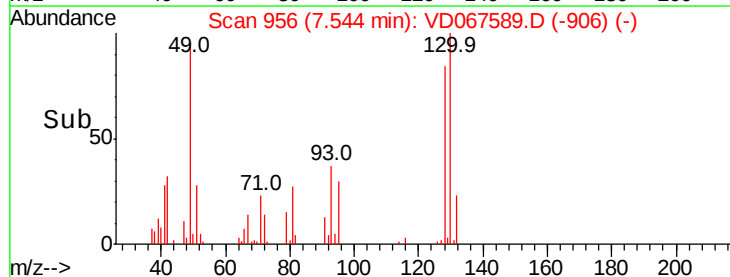
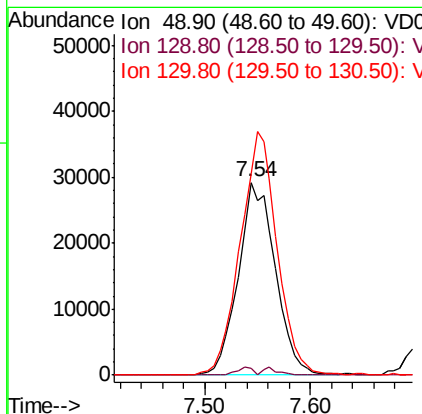
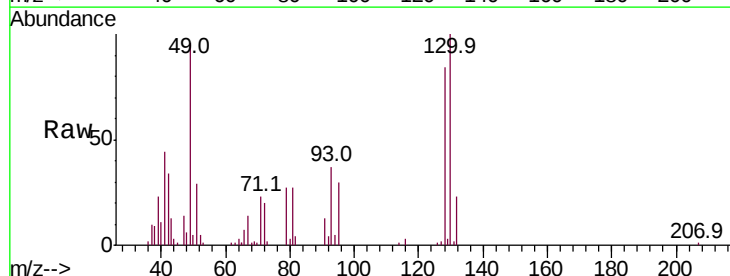
Tot Ion	96	Resp	139119
Ion	Ratio	Lower	Upper
96	100		
61	130.6	0.0	251.6
98	64.3	0.0	128.0

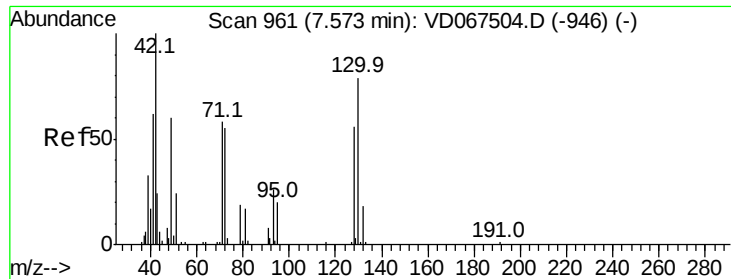


#28

Bromochloromethane
Concen: 49.171 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	49	Resp	71189
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	6.4
130	125.4	94.6	142.0





#29

Tetrahydrofuran

Concen: 259.169 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

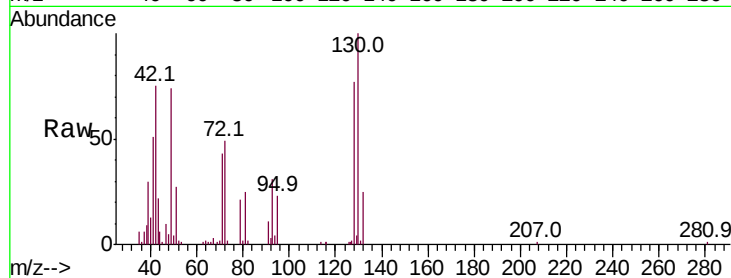
Tot Ion: 42 Resp: 62035

Ion Ratio Lower Upper

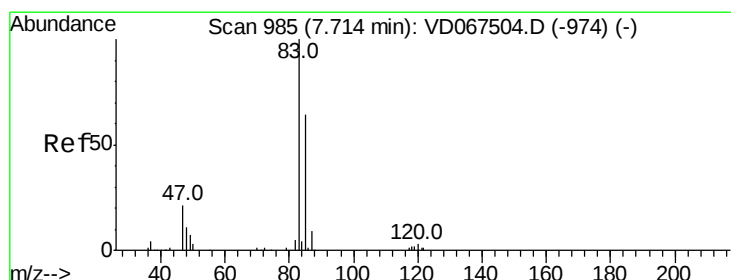
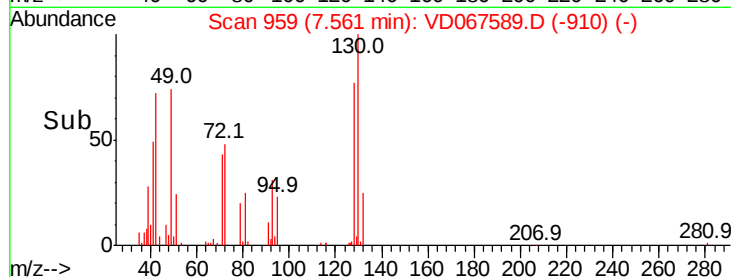
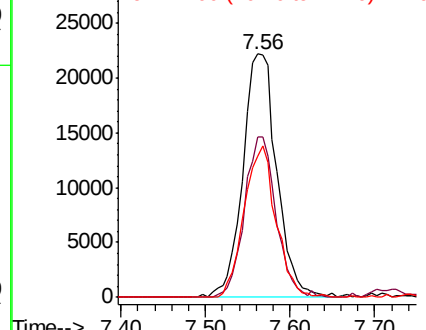
42 100

72 60.7 46.3 69.5

71 58.4 44.0 66.0



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



#30

Chloroform

Concen: 48.762 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD067589.D

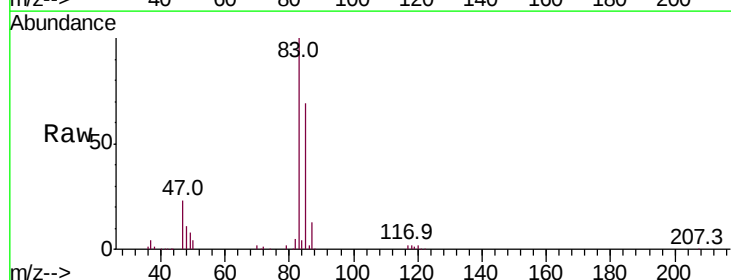
Acq: 10 Nov 2020 18:17

Tgt Ion: 83 Resp: 236774

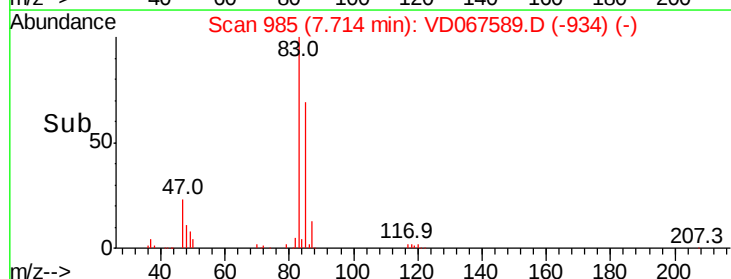
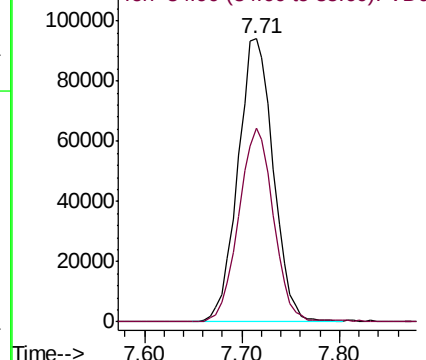
Ion Ratio Lower Upper

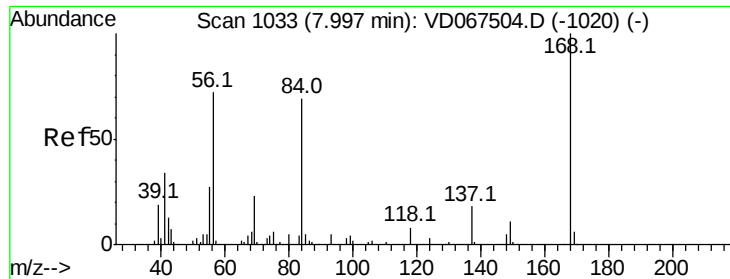
83 100

85 68.6 51.5 77.3



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

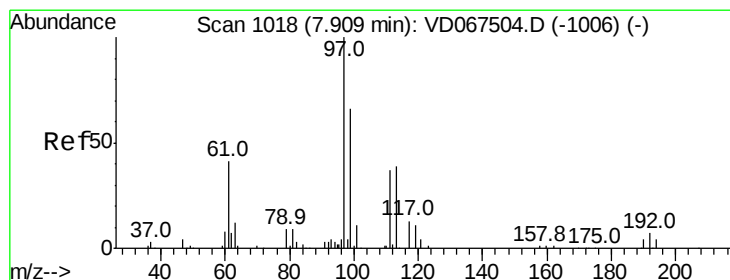
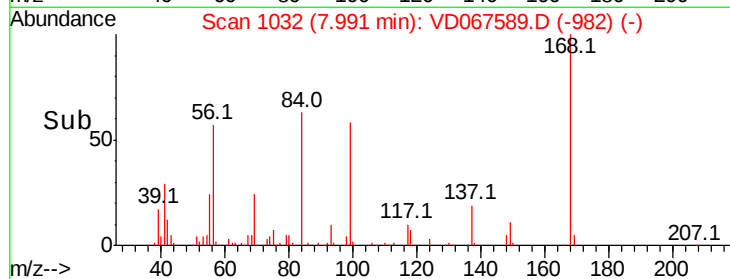
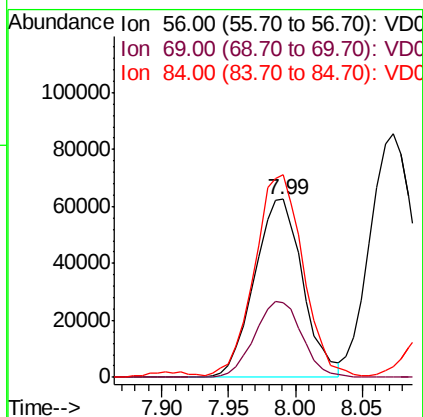
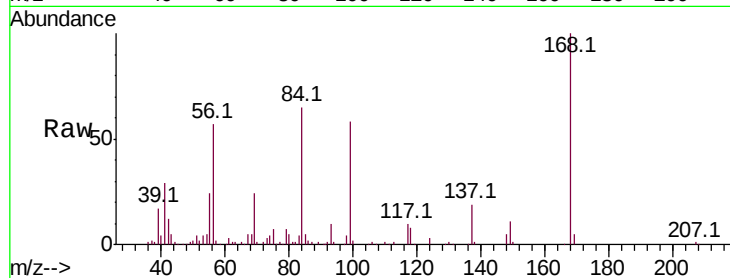




#31
Cyclohexane
Concen: 43.543 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

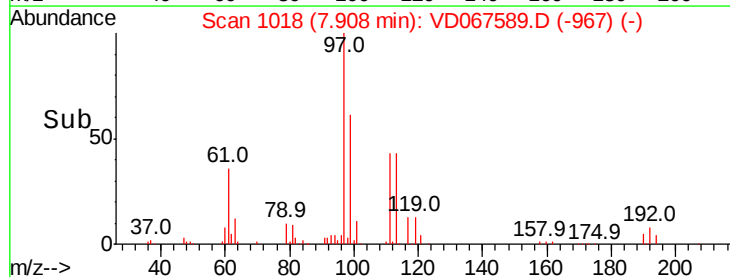
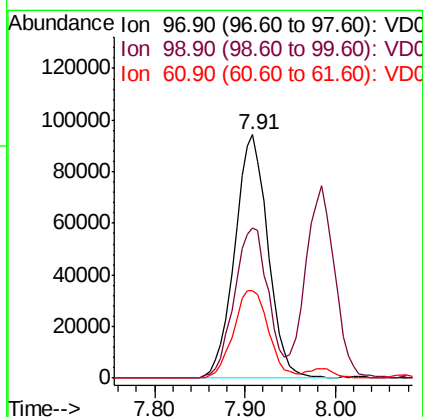
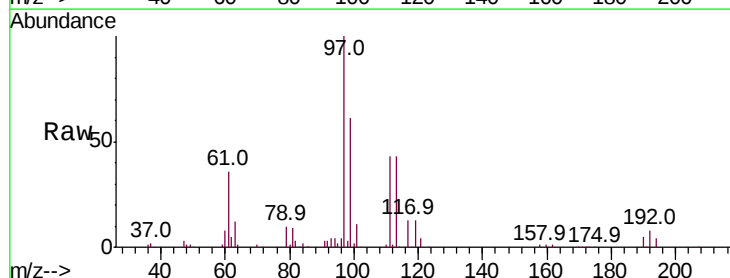
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

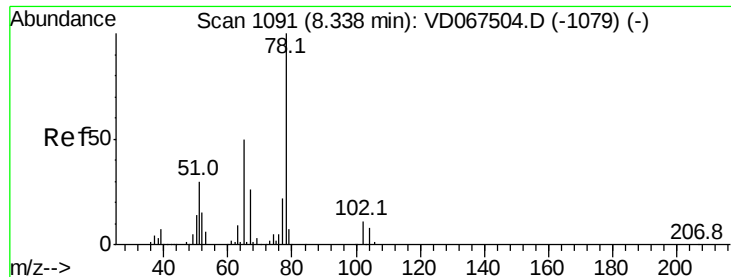
Tot Ion: 56 Resp: 157824
Ion Ratio Lower Upper
56 100
69 41.6 25.9 38.9#
84 111.9 76.2 114.4



#32
1,1,1-Trichloroethane
Concen: 47.707 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion: 97 Resp: 239014
Ion Ratio Lower Upper
97 100
99 63.3 51.8 77.6
61 38.2 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 46.670 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

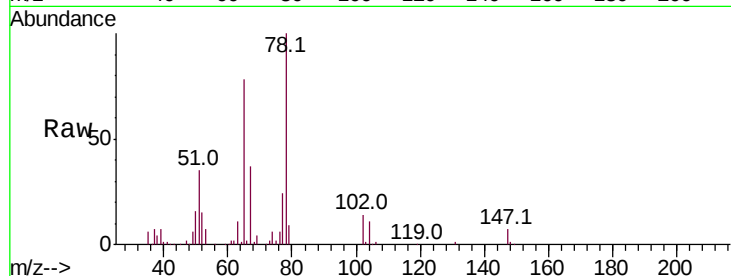
VSTDCCC050EC

Tot Ion: 65 Resp: 116631

Ion Ratio Lower Upper

65 100

67 49.8 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

60000

50000

40000

30000

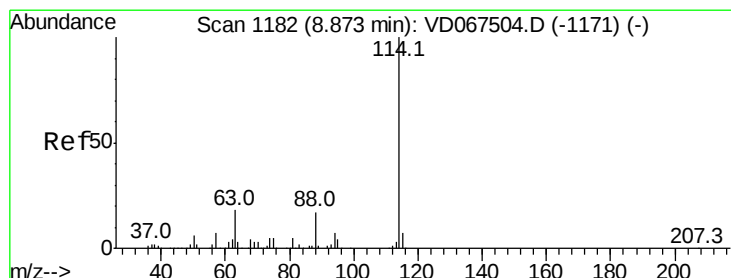
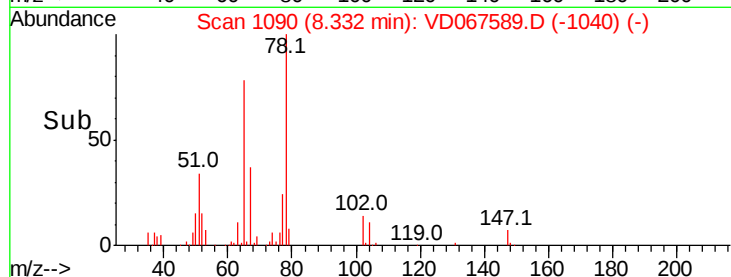
20000

10000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

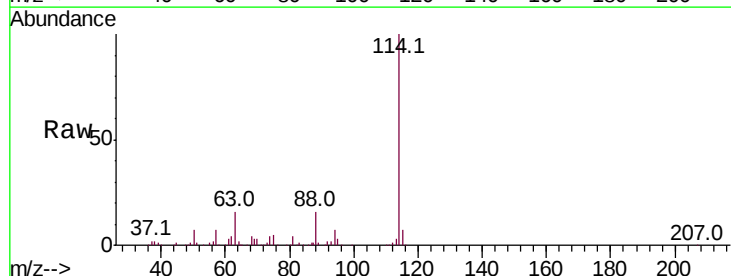
Tgt Ion: 114 Resp: 406026

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 15.5 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

250000

200000

150000

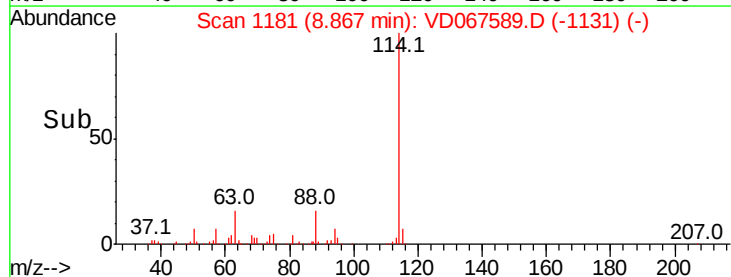
100000

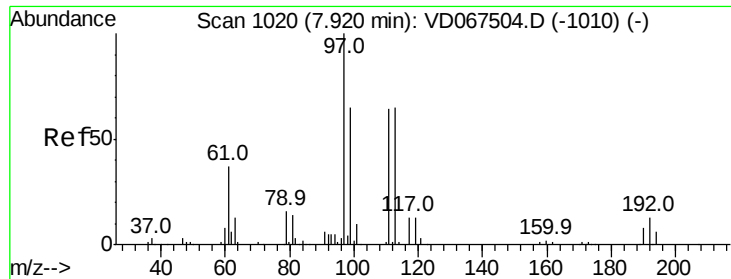
50000

0

8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 48.504 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

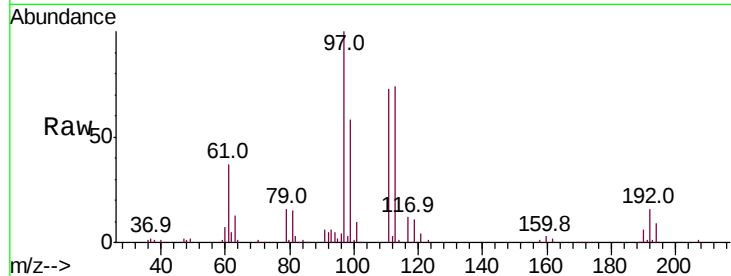
Tot Ion:113 Resp: 118654

Ion Ratio Lower Upper

113 100

111 101.8 80.0 120.0

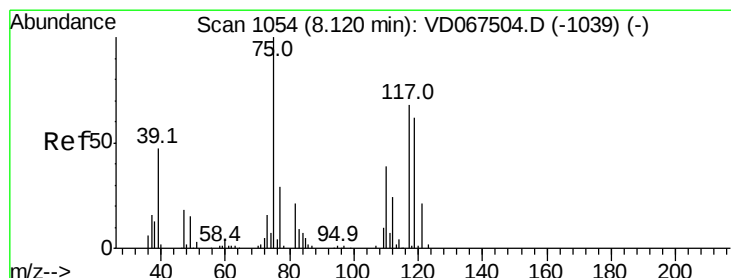
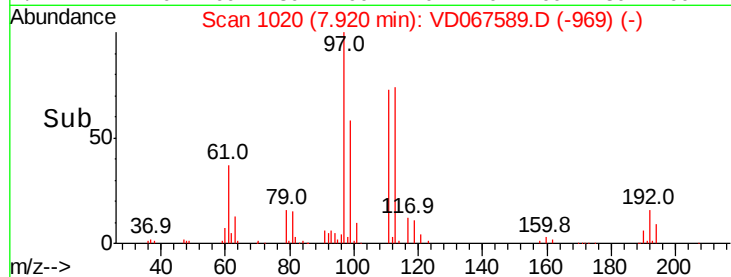
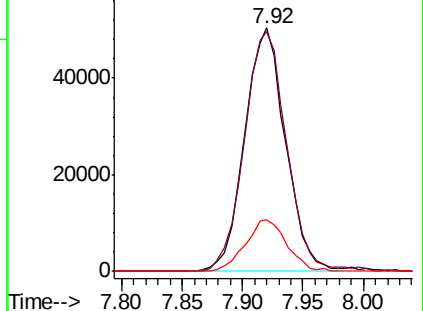
192 21.4 16.3 24.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.072 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

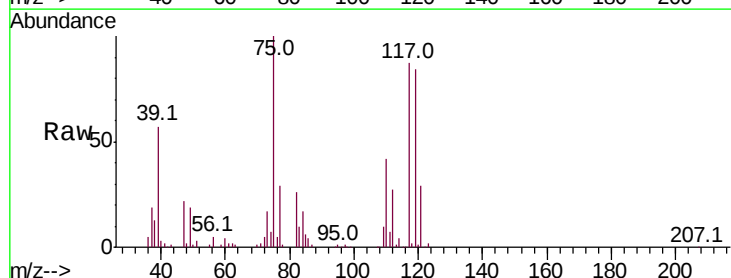
Tgt Ion: 75 Resp: 170549

Ion Ratio Lower Upper

75 100

110 39.6 19.9 59.7

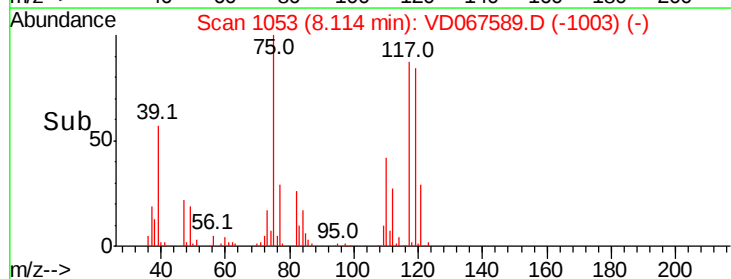
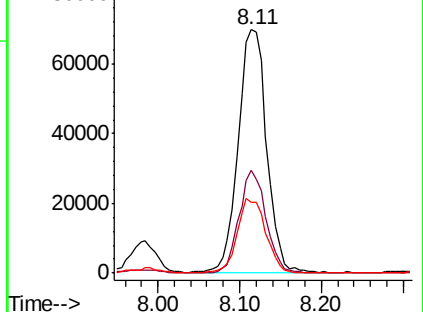
77 30.6 24.8 37.2

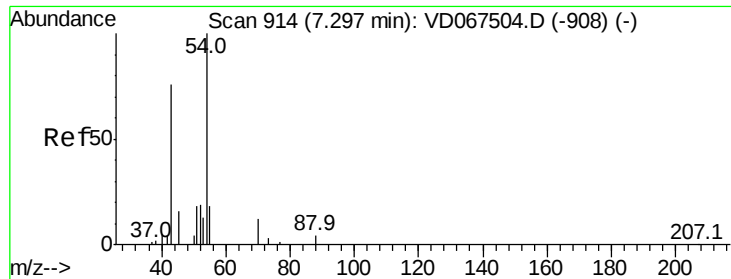


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 50.213 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

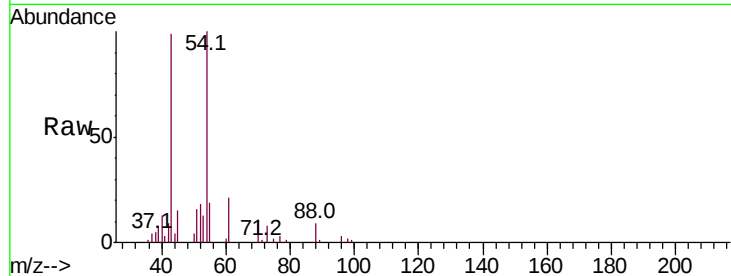
Tot Ion: 43 Resp: 45308

Ion Ratio Lower Upper

43 100

61 13.6 12.8 19.2

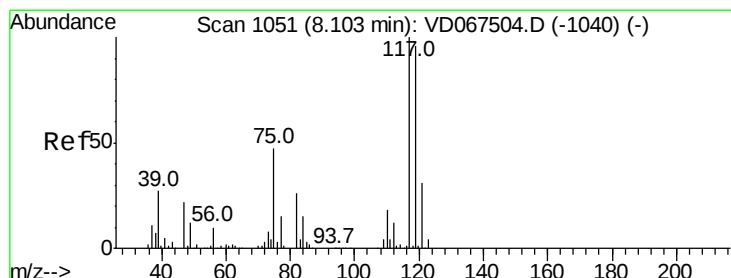
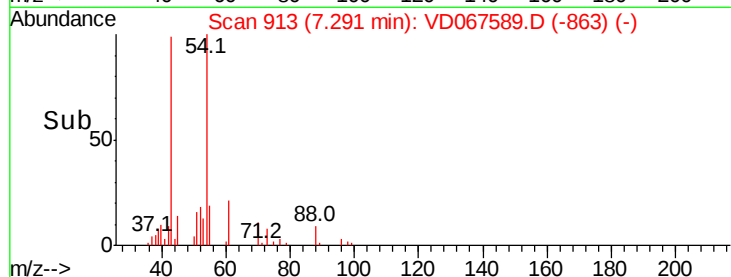
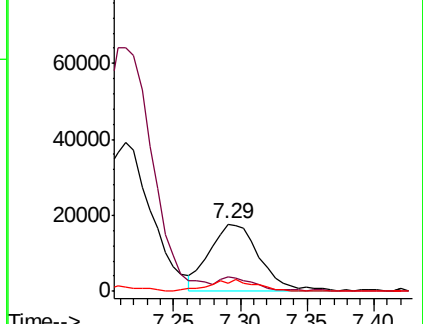
70 15.7 11.7 17.5



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: 52.483 ug/l

RT: 8.10 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

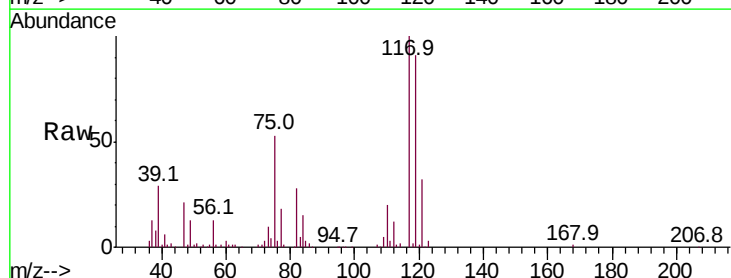
Tgt Ion: 117 Resp: 236996

Ion Ratio Lower Upper

117 100

119 90.6 76.9 115.3

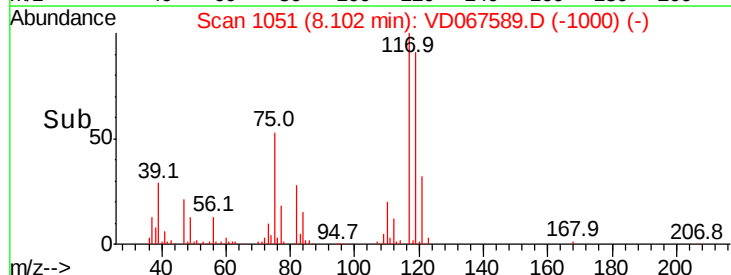
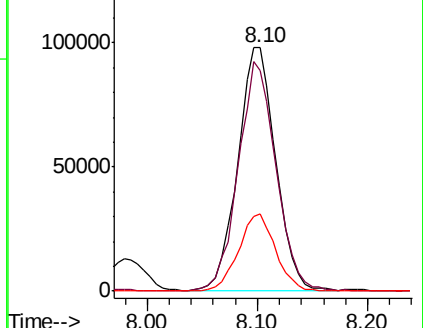
121 31.9 24.5 36.7

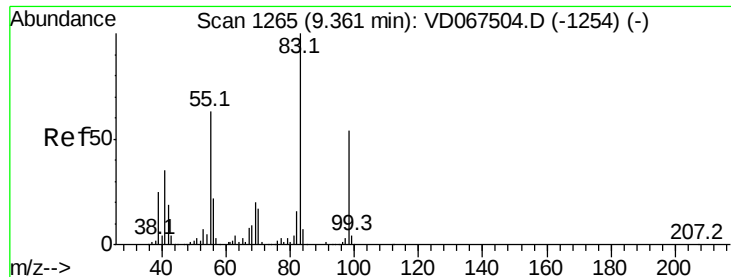


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

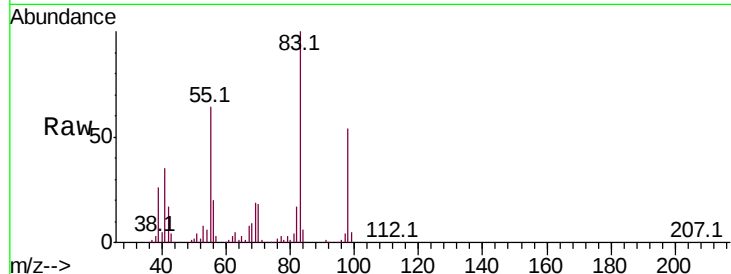




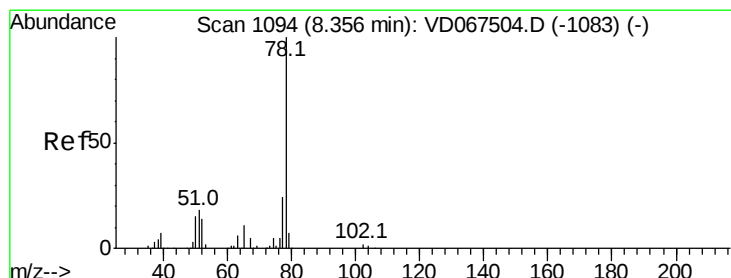
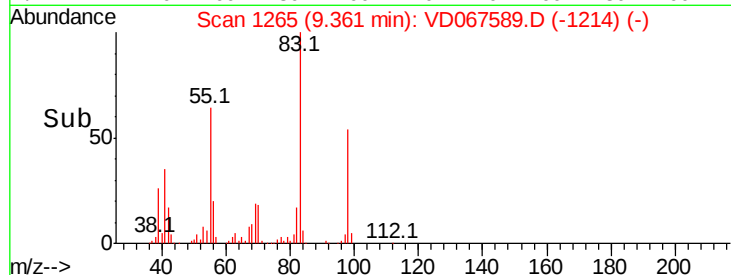
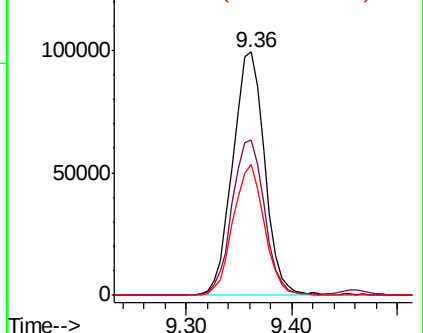
#39
Methvlcvclohexane
Concen: 50.868 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	208081
Ion Ratio	Lower	Upper	
83	100		
55	63.8	50.5	75.7
98	53.9	43.4	65.0

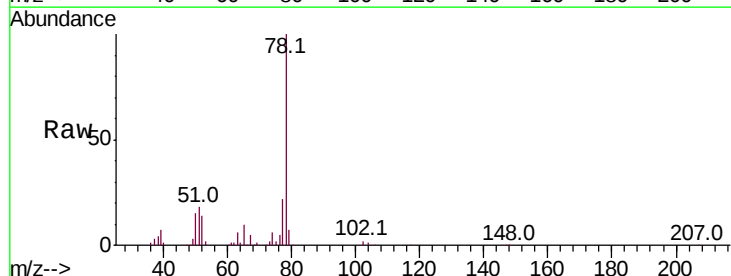


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

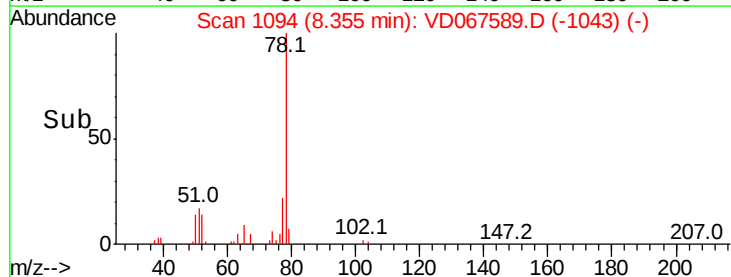
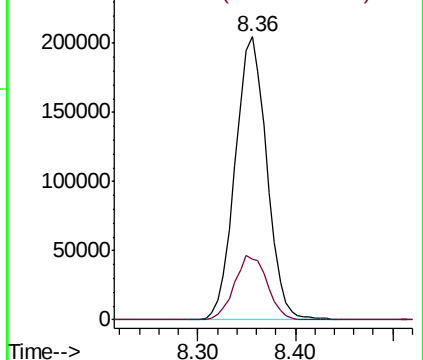


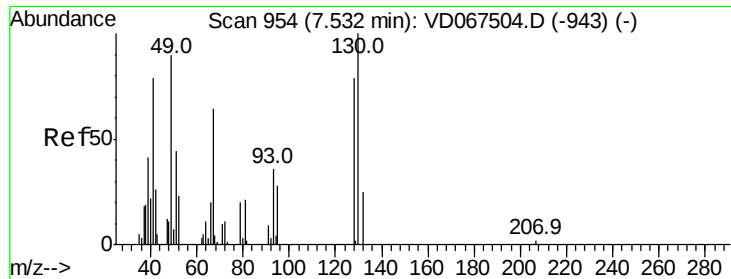
#40
Benzene
Concen: 49.281 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	78	Resp	463945
Ion Ratio	Lower	Upper	
78	100		
77	21.6	19.1	28.7



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

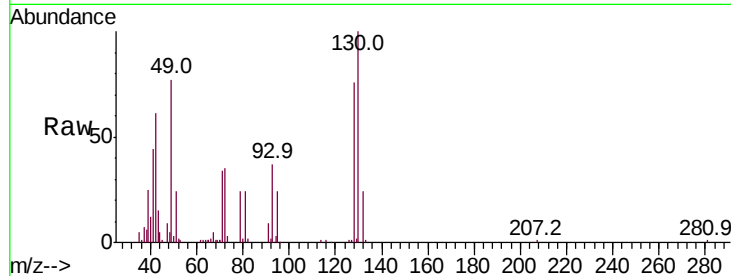




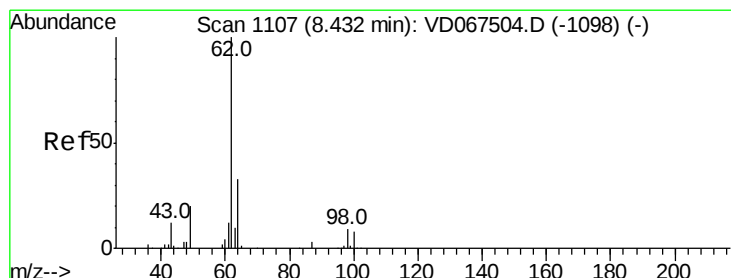
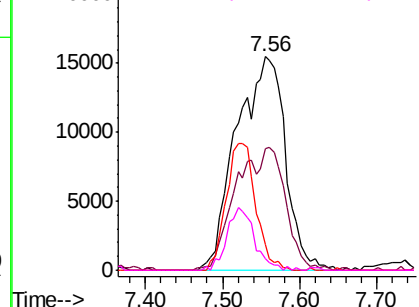
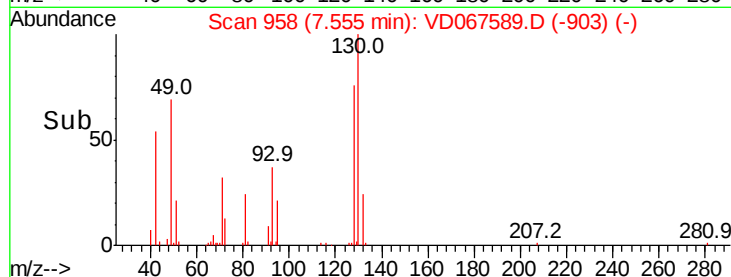
#41
Methacrylonitrile
Concen: 126.788 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.02 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 68383
Ion Ratio Lower Upper
41 100
39 26.7 51.3 76.9#
67 0.0 78.9 118.3#
52 0.0 31.4 47.2#

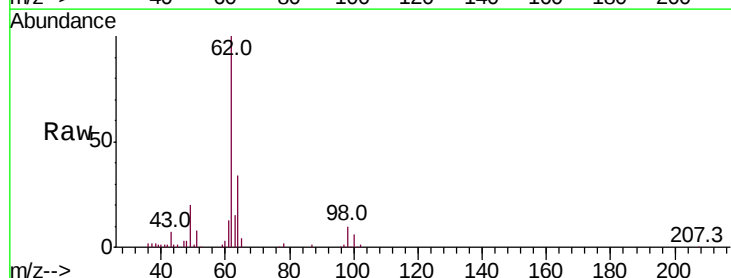


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

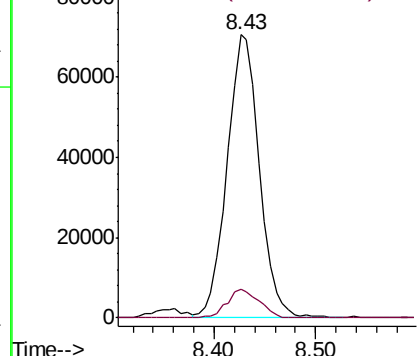
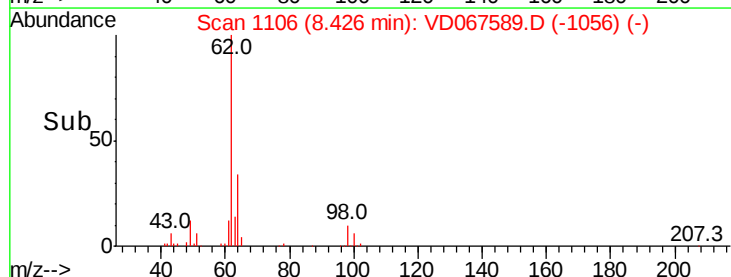


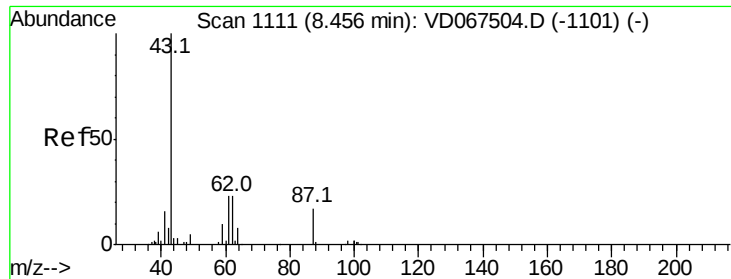
#42
1,2-Dichloroethane
Concen: 53.128 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion: 62 Resp: 154534
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC

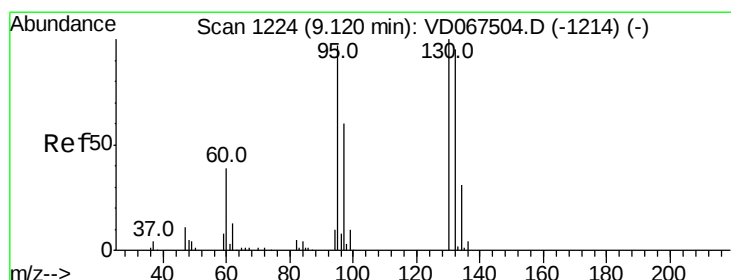
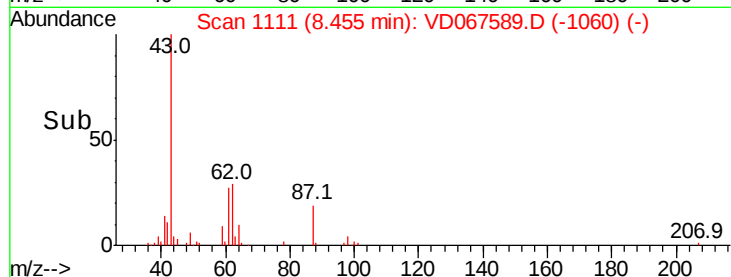
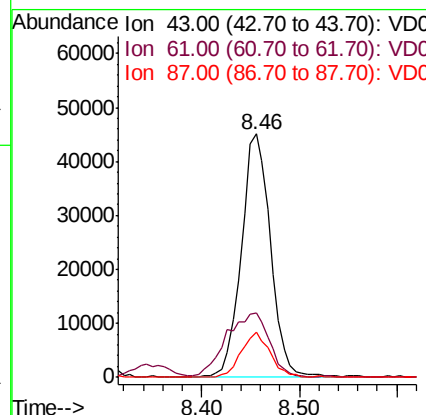
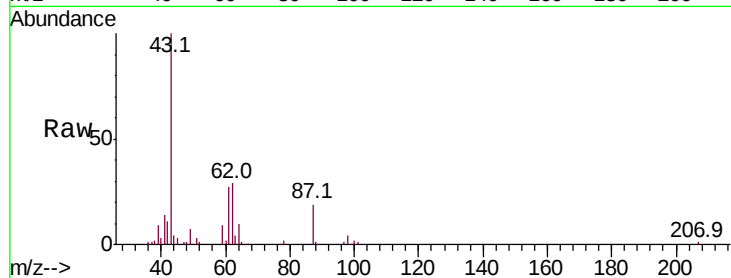




#43
Isopropyl Acetate
Concen: 53.057 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

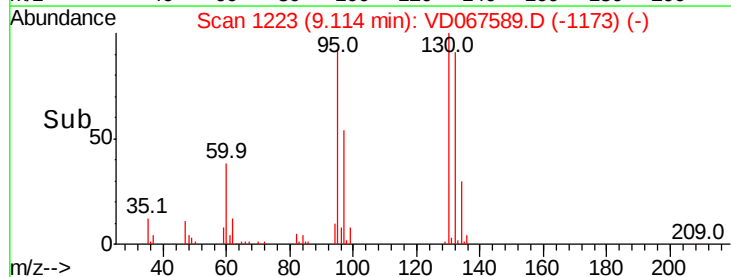
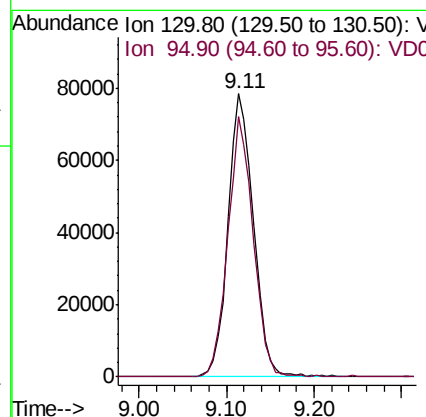
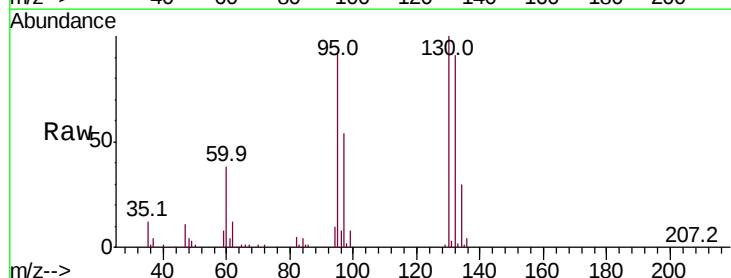
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

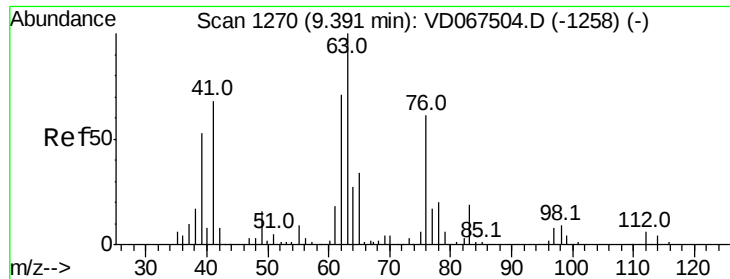
Tot Ion: 43 Resp: 94680
Ion Ratio Lower Upper
43 100
61 38.8 30.5 45.7
87 18.2 14.7 22.1



#44
Trichloroethene
Concen: 50.589 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion:130 Resp: 156600
Ion Ratio Lower Upper
130 100
95 91.9 0.0 194.4

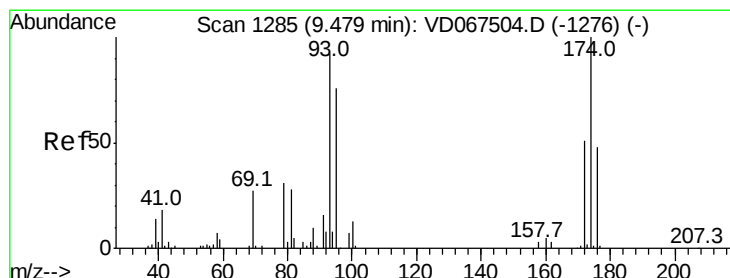
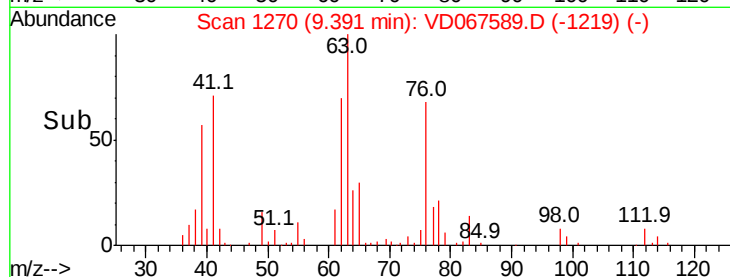
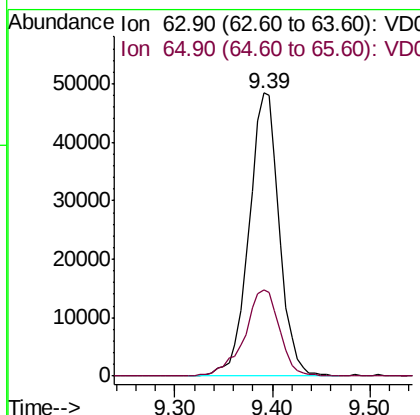
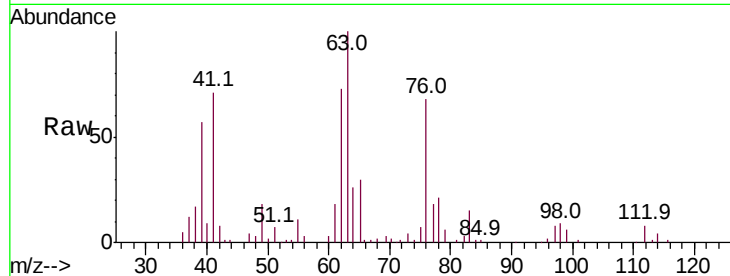




#45
 1,2-Dichloropropane
 Concen: 51.772 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

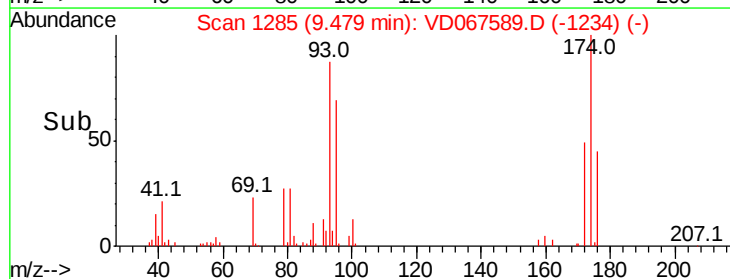
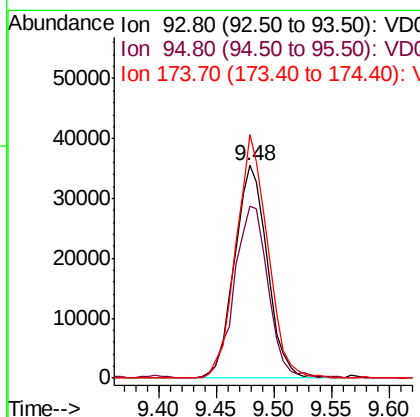
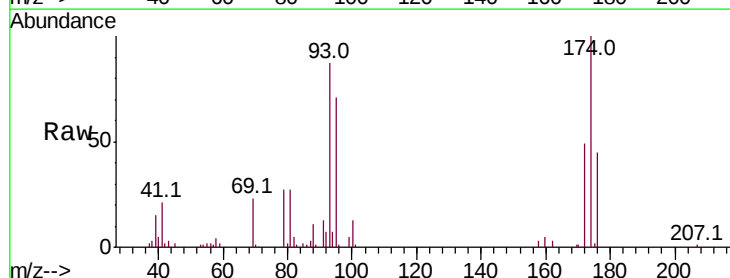
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

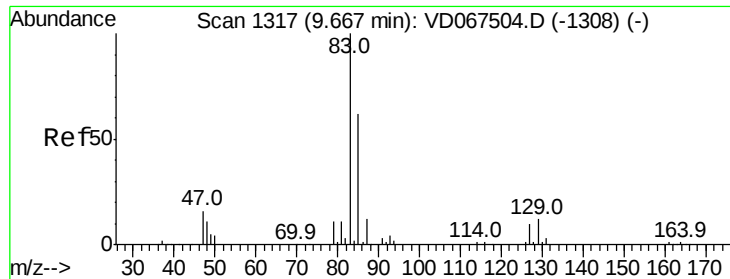
Tot Ion: 63 Resp: 105379
 Ion Ratio Lower Upper
 63 100
 65 30.4 26.9 40.3



#46
 Dibromomethane
 Concen: 54.075 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Tgt Ion: 93 Resp: 69983
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.4 99.6
 174 110.9 88.2 132.4





#47

Bromodichloromethane

Concen: 55.233 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

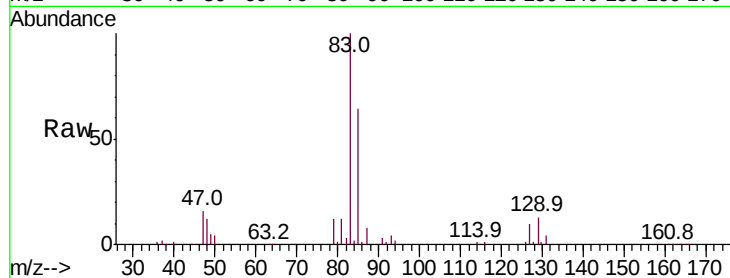
Tot Ion: 83 Resp: 194290

Ion Ratio Lower Upper

83 100

85 64.5 49.4 74.2

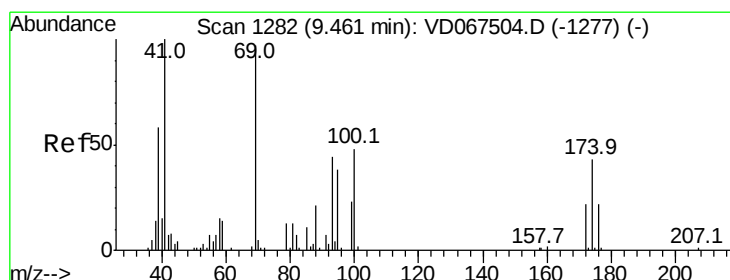
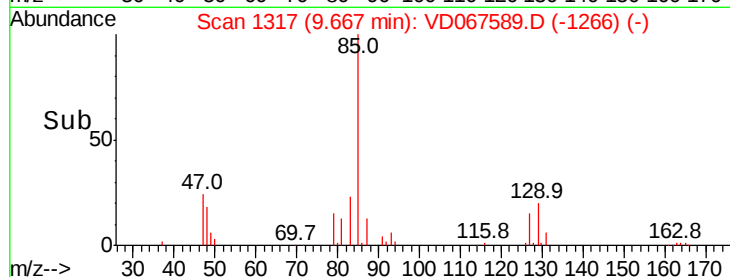
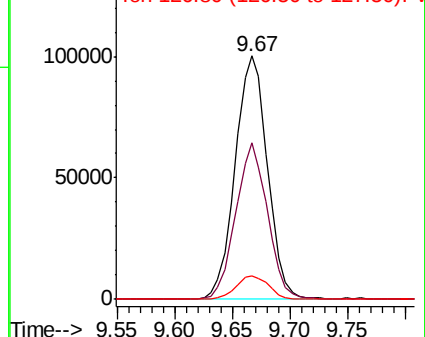
127 9.6 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 51.898 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

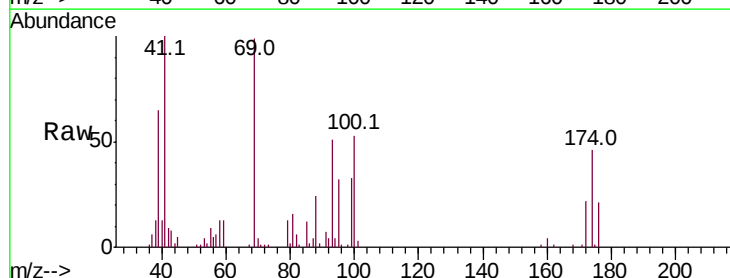
Tgt Ion: 41 Resp: 47817

Ion Ratio Lower Upper

41 100

69 109.6 80.6 121.0

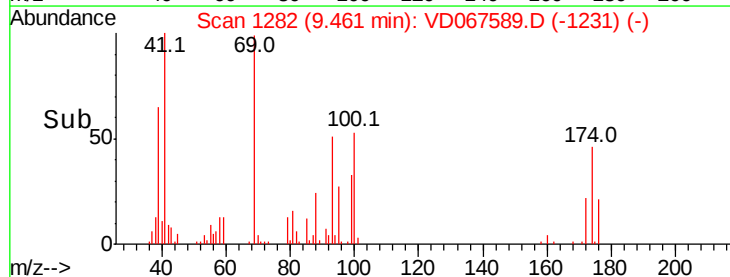
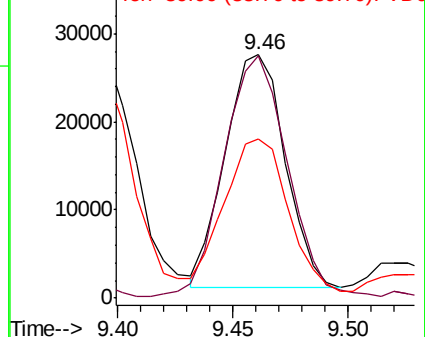
39 69.4 50.2 75.4

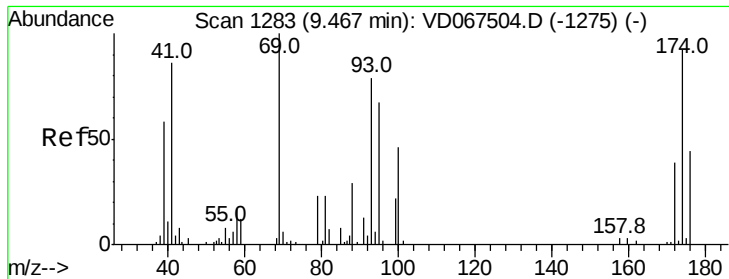


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 1094.512 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

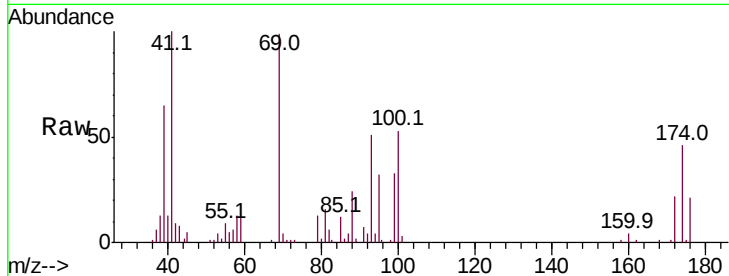
Tot Ion: 88 Resp: 14380

Ion Ratio Lower Upper

88 100

43 36.2 23.6 35.4#

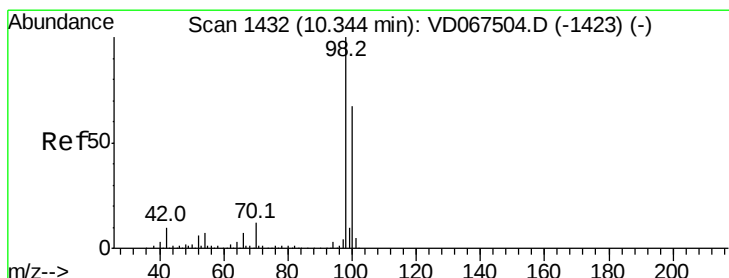
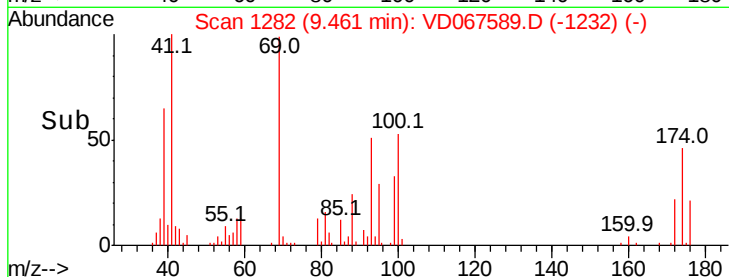
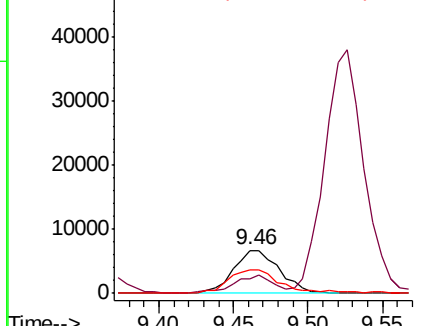
58 62.6 44.7 67.1



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 46.990 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067589.D

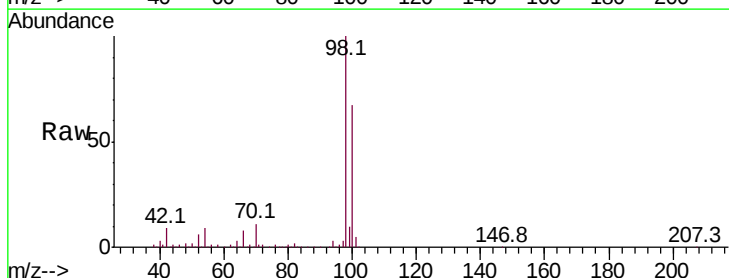
Acq: 10 Nov 2020 18:17

Tgt Ion: 98 Resp: 403963

Ion Ratio Lower Upper

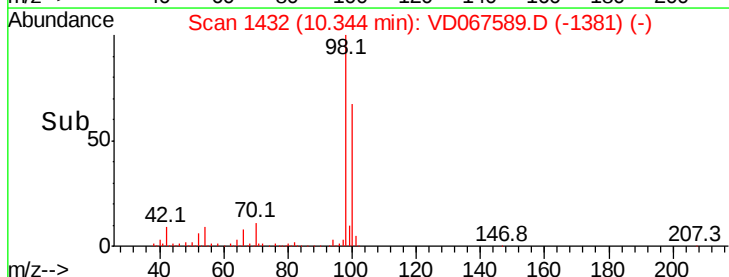
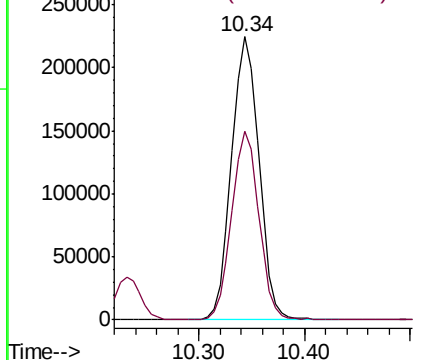
98 100

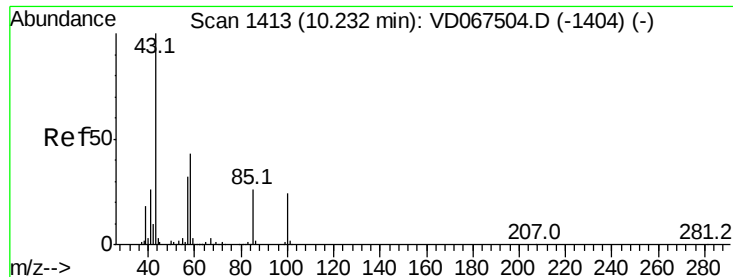
100 66.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 284.956 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

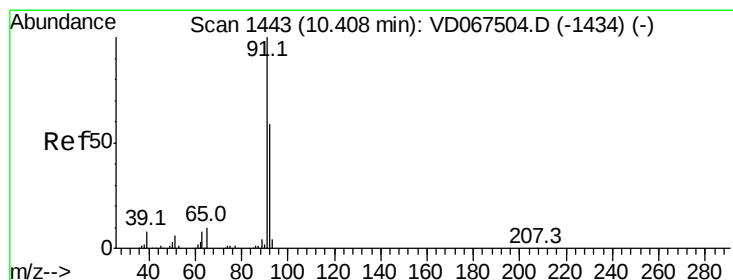
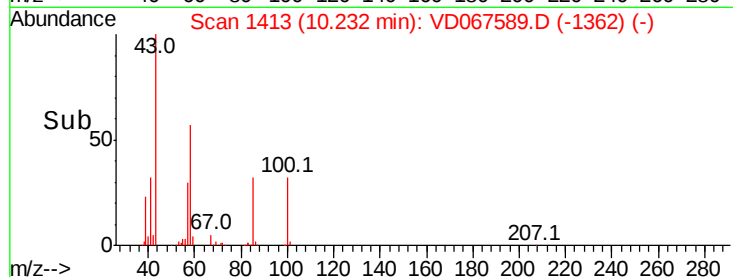
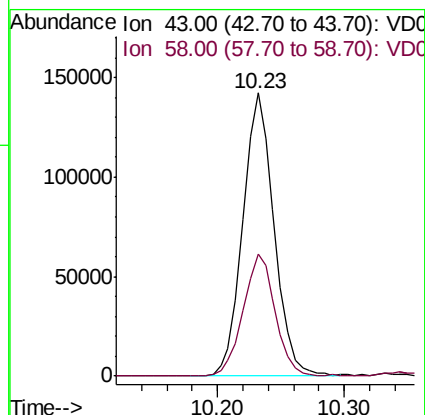
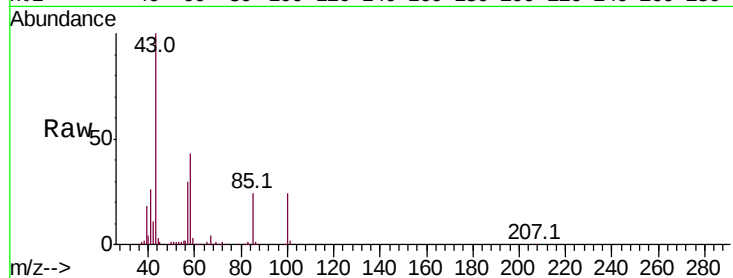
VSTDCCC050EC

Tot Ion: 43 Resp: 243192

Ion Ratio Lower Upper

43 100

58 44.2 35.6 53.4



#52

Toluene

Concen: 51.518 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067589.D

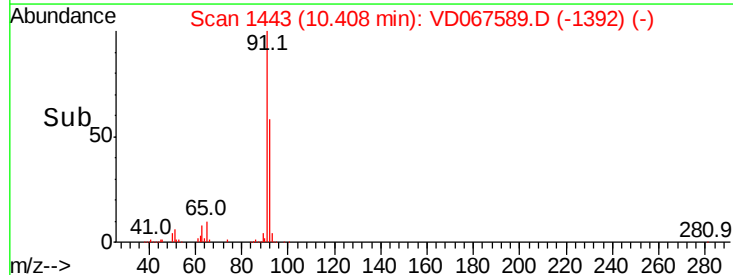
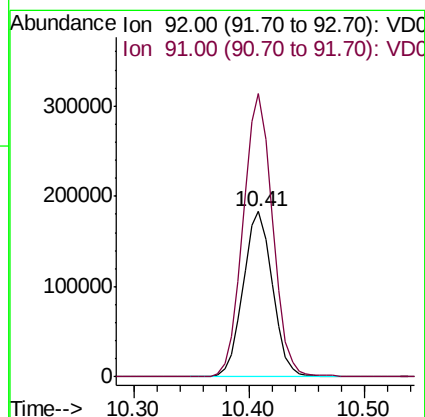
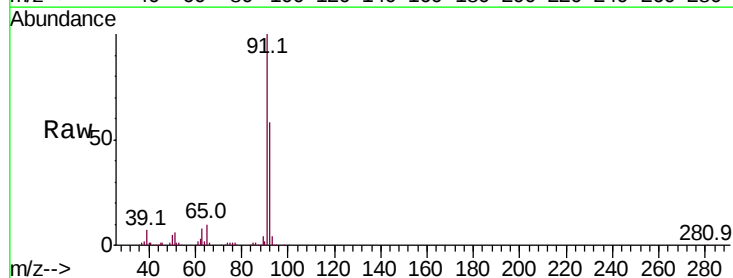
Acq: 10 Nov 2020 18:17

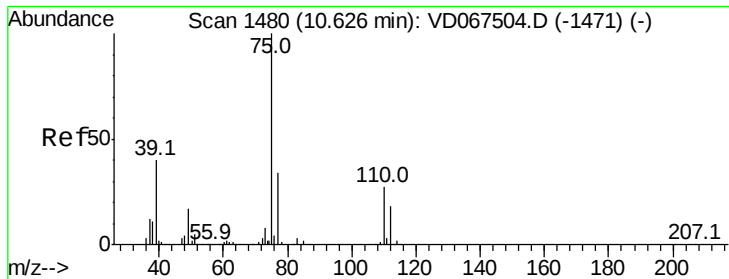
Tgt Ion: 92 Resp: 324860

Ion Ratio Lower Upper

92 100

91 171.8 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 53.736 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

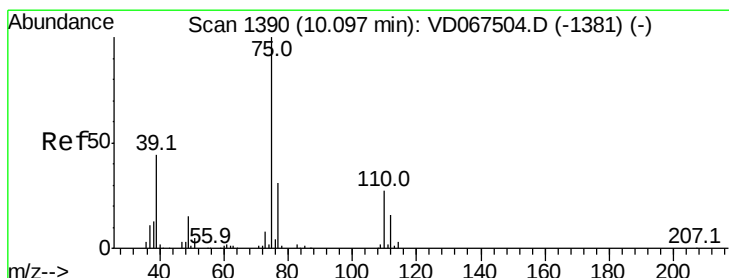
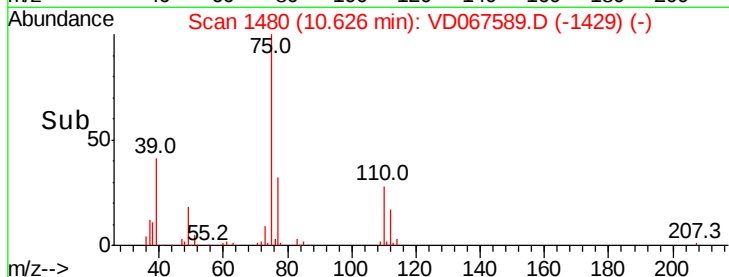
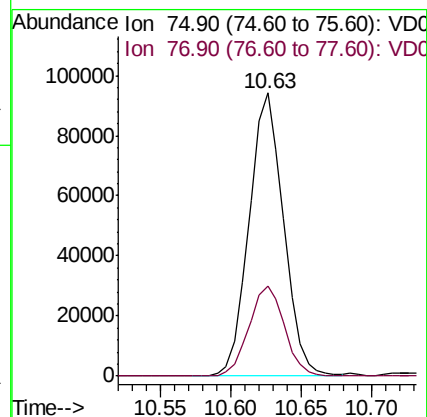
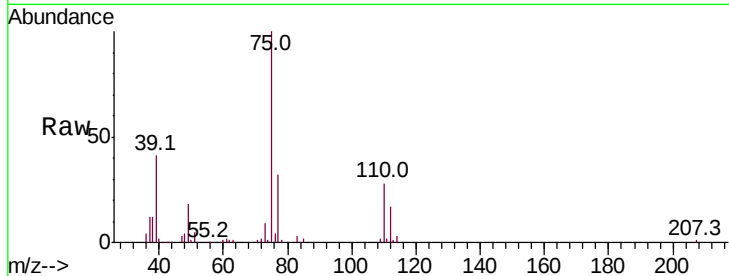
VSTDCCC050EC

Tot Ion: 75 Resp: 161891

Ion Ratio Lower Upper

75 100

77 31.8 27.0 40.6



#54

cis-1,3-Dichloropropene

Concen: 51.599 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

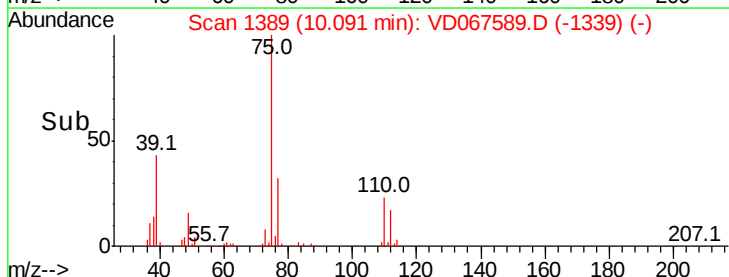
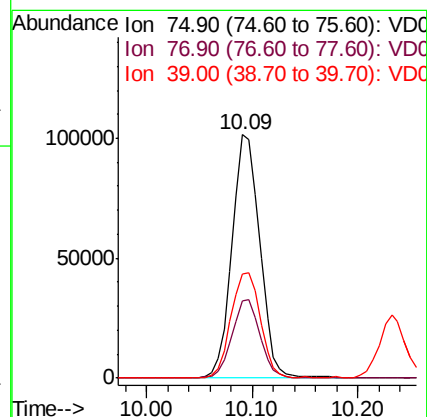
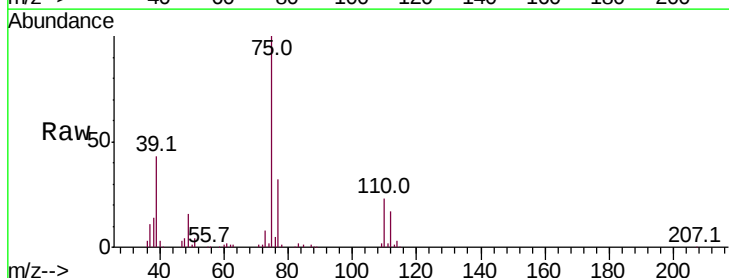
Tgt Ion: 75 Resp: 184694

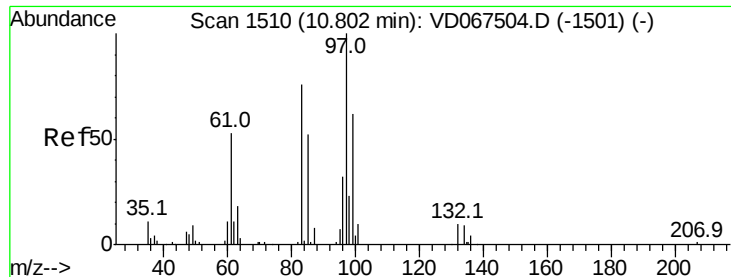
Ion Ratio Lower Upper

75 100

77 31.6 24.4 36.6

39 42.8 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 54.014 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 92492

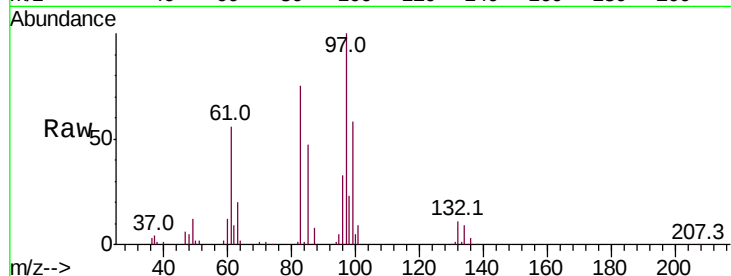
Ion Ratio Lower Upper

97 100

83 74.8 61.0 91.6

85 46.7 41.5 62.3

99 58.5 49.4 74.2

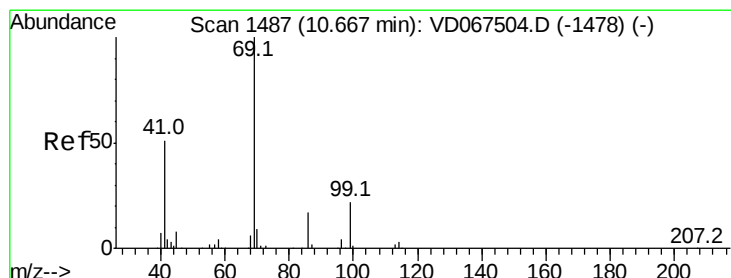
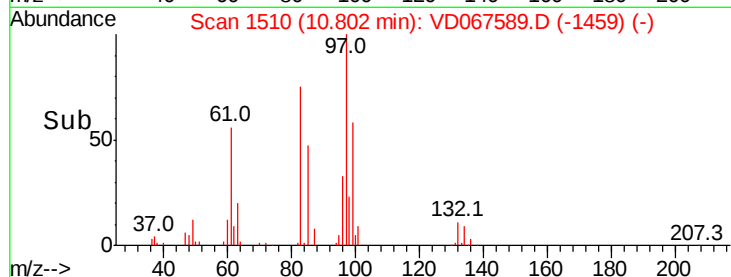
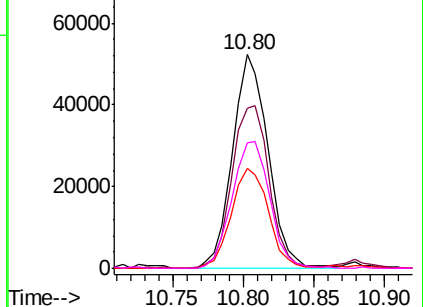


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 56.830 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

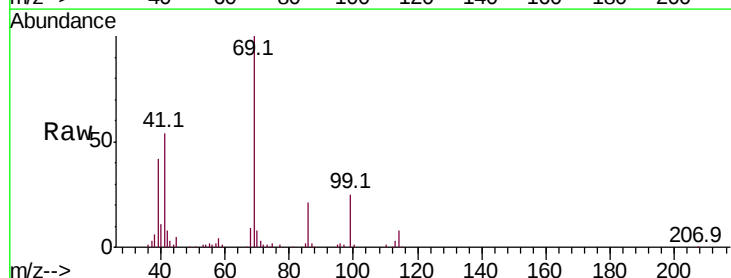
Tgt Ion: 69 Resp: 100493

Ion Ratio Lower Upper

69 100

41 53.9 45.4 68.0

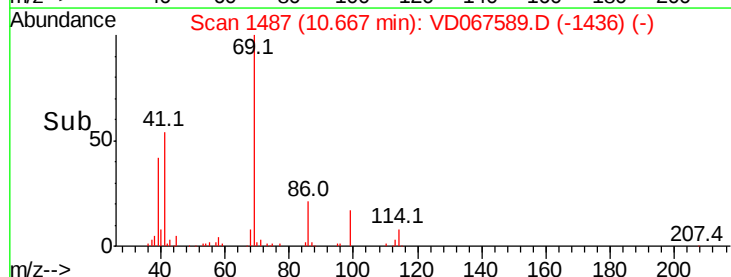
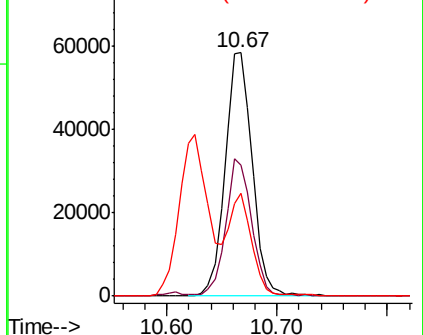
39 35.7 27.4 41.0

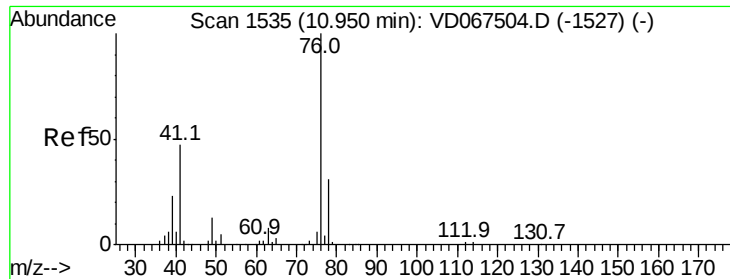


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 53.457 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

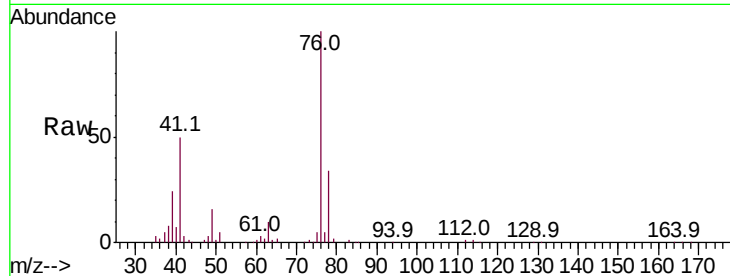
VSTDCCC050EC

Tot Ion: 76 Resp: 147302

Ion Ratio Lower Upper

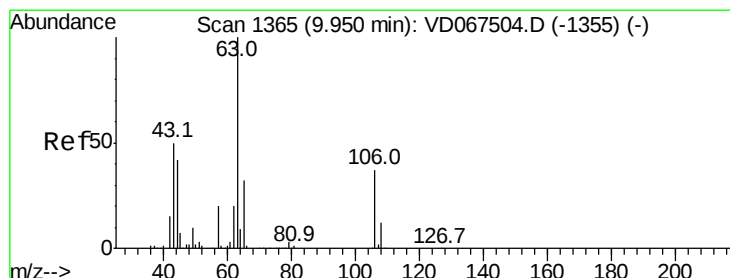
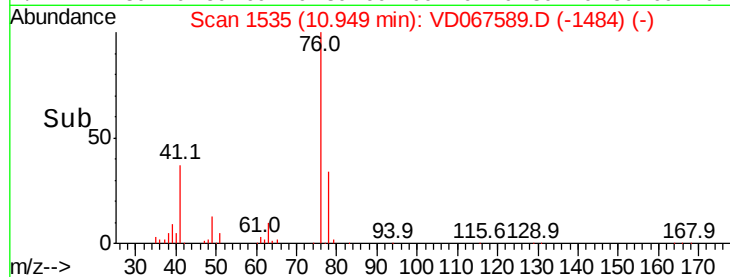
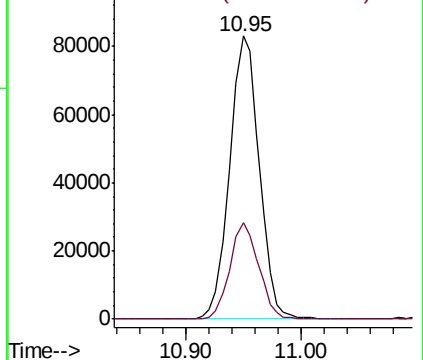
76 100

78 33.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 288.287 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VD067589.D

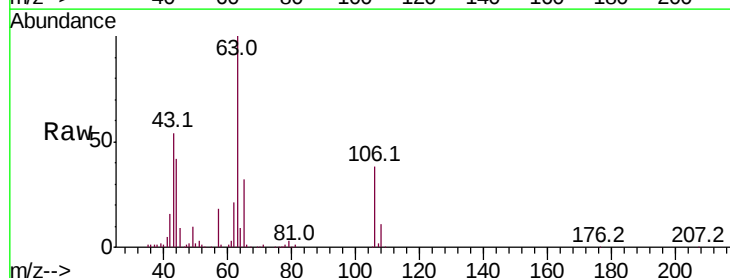
Acq: 10 Nov 2020 18:17

Tgt Ion: 63 Resp: 237727

Ion Ratio Lower Upper

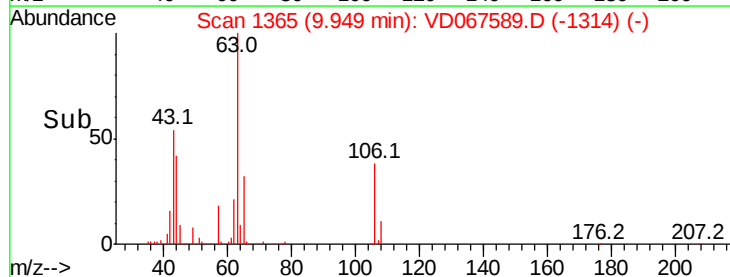
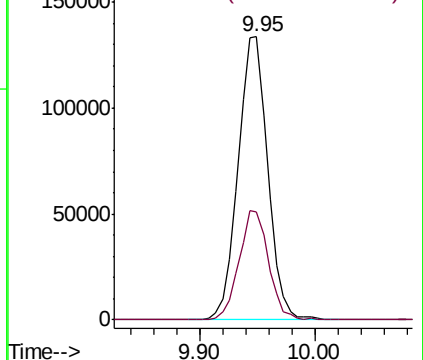
63 100

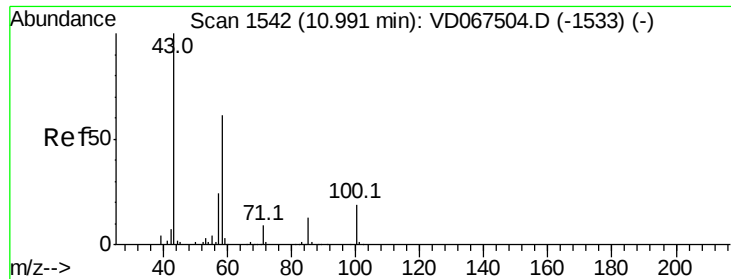
106 38.3 29.2 43.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

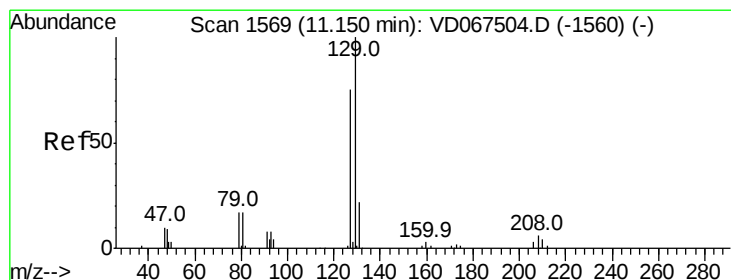
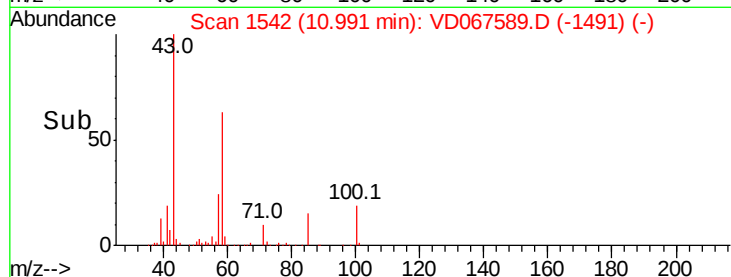
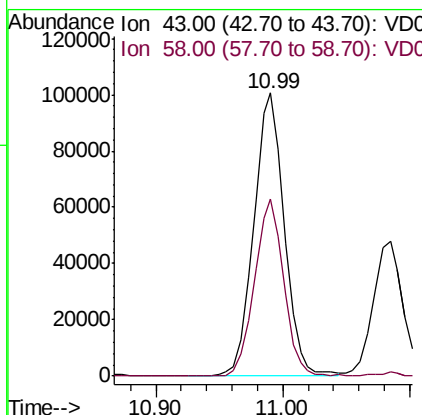
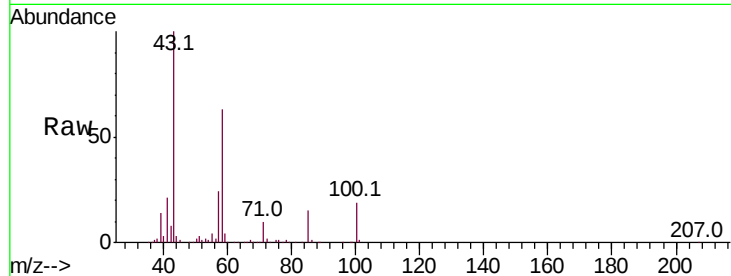




#59
2-Hexanone
Concen: 283.072 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

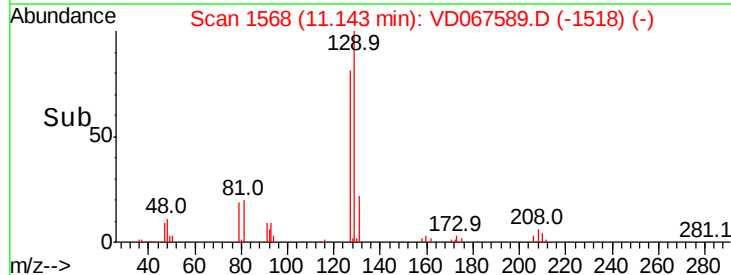
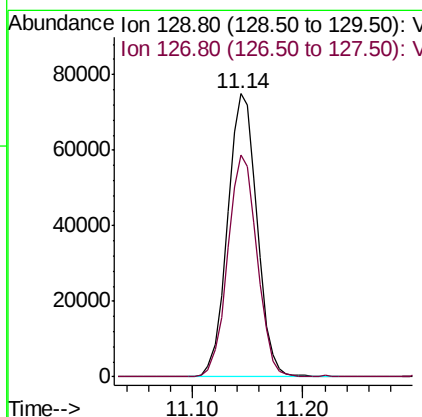
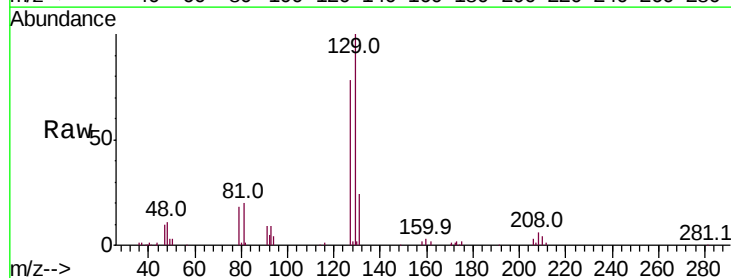
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

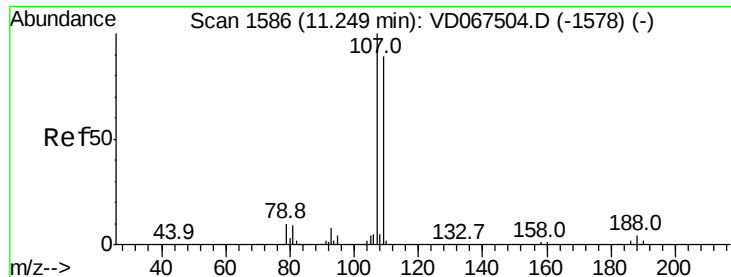
Tot Ion: 43 Resp: 168916
Ion Ratio Lower Upper
43 100
58 60.0 30.3 90.9



#60
Dibromochloromethane
Concen: 55.330 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion: 129 Resp: 140155
Ion Ratio Lower Upper
129 100
127 78.2 38.0 114.1

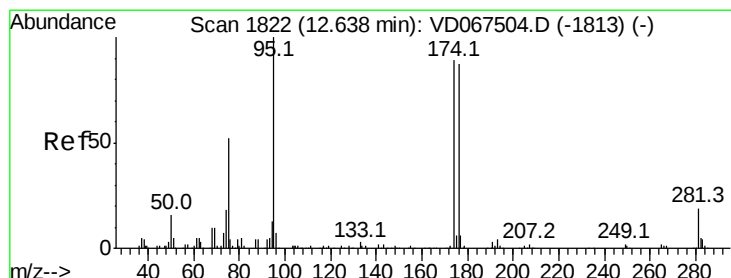
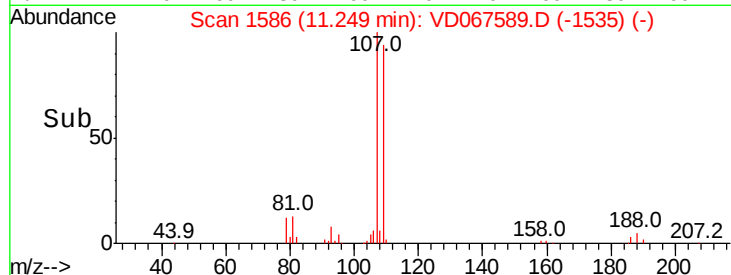
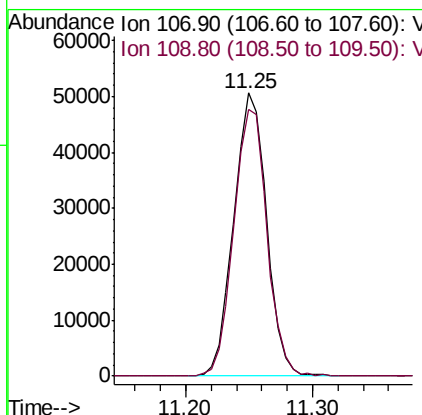
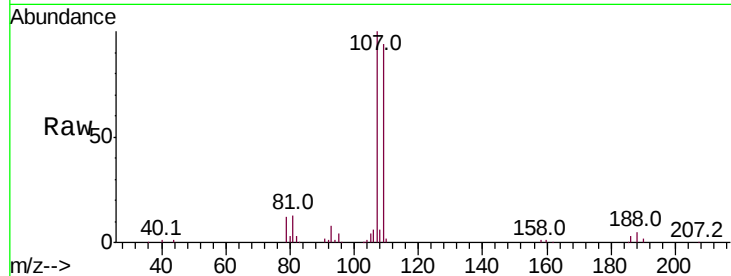




#61
 1,2-Dibromoethane
 Concen: 52.862 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

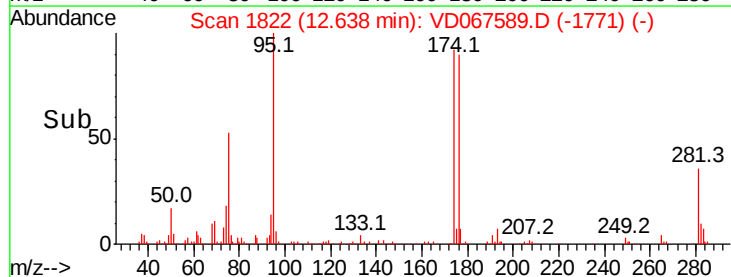
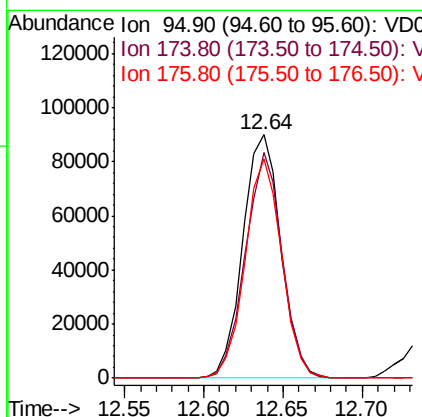
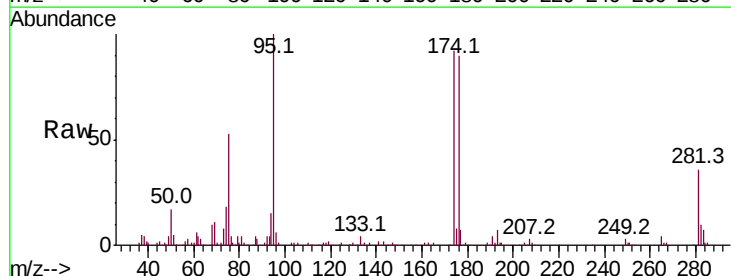
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

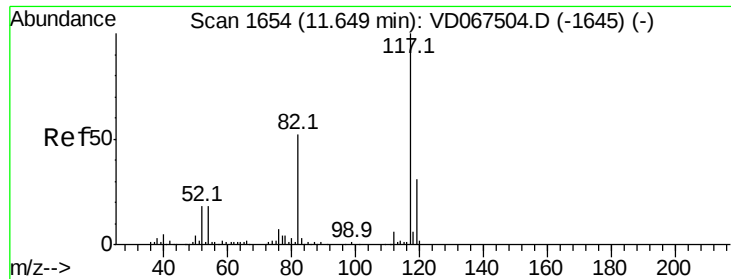
Tot Ion:107 Resp: 90849
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 50.524 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Tgt Ion: 95 Resp: 149956
 Ion Ratio Lower Upper
 95 100
 174 89.3 0.0 177.8
 176 86.5 0.0 172.0

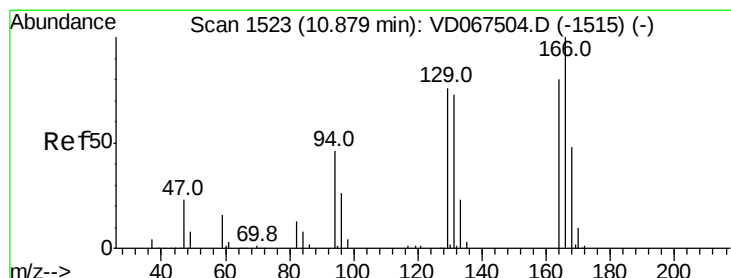
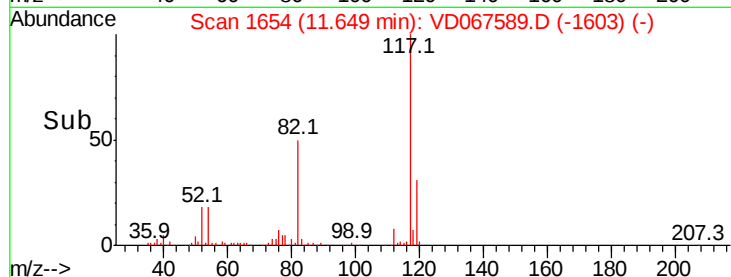
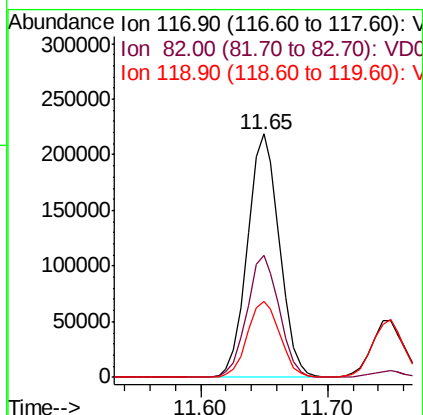
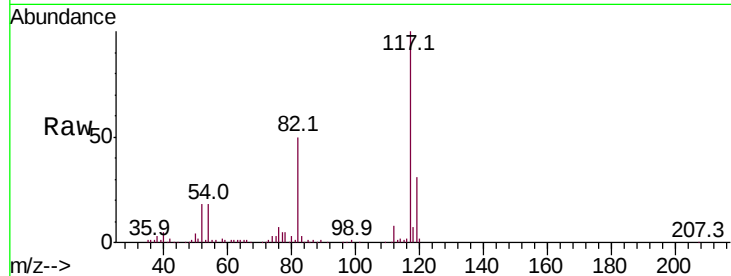




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

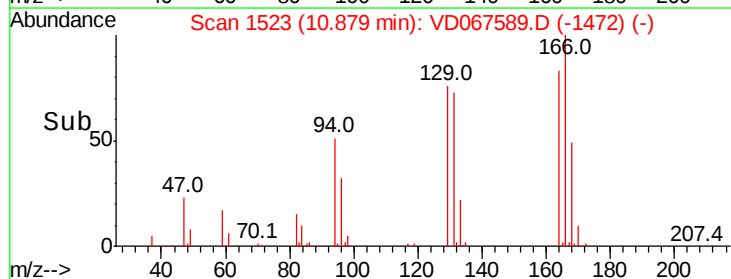
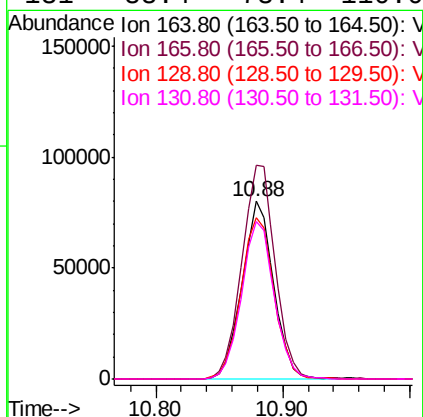
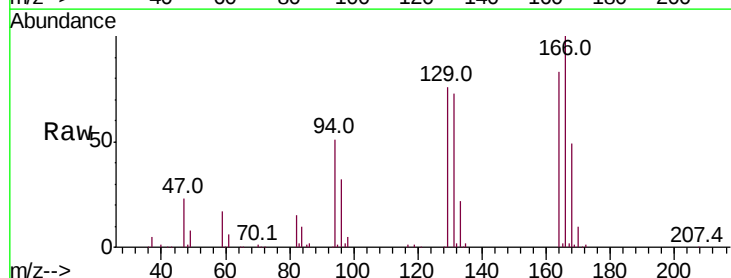
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

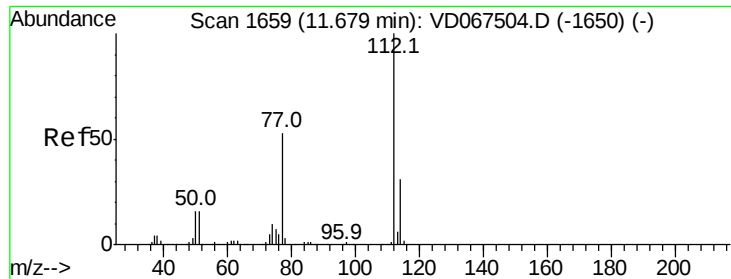
Tot Ion:117 Resp: 382976
Ion Ratio Lower Upper
117 100
82 50.1 41.6 62.4
119 31.2 25.1 37.7



#64
Tetrachloroethene
Concen: 48.643 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion:164 Resp: 137967
Ion Ratio Lower Upper
164 100
166 120.4 99.9 149.9
129 91.1 75.5 113.3
131 88.4 73.4 110.0

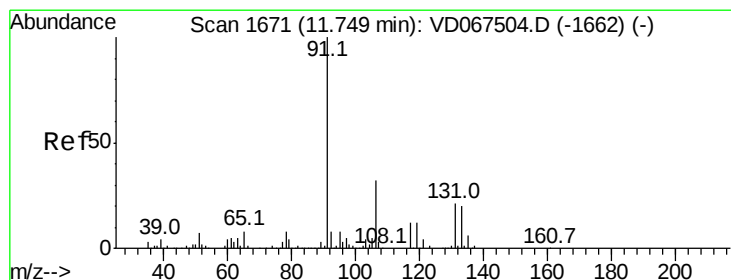
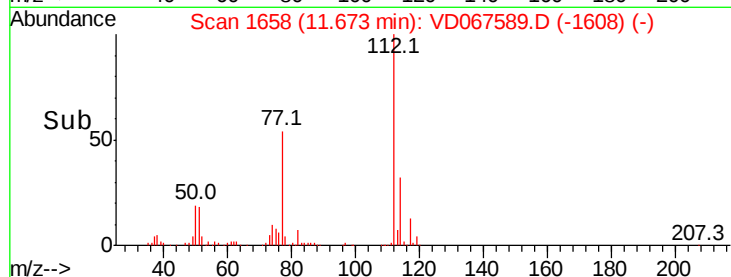
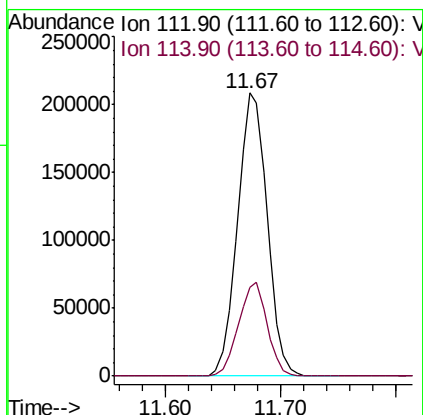
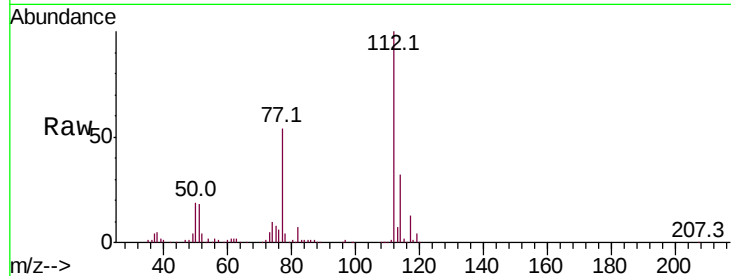




#65
Chlorobenzene
Concen: 50.327 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

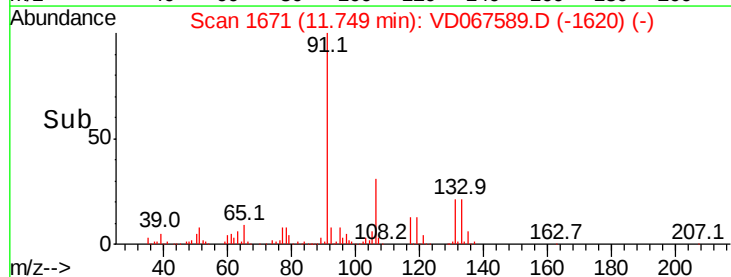
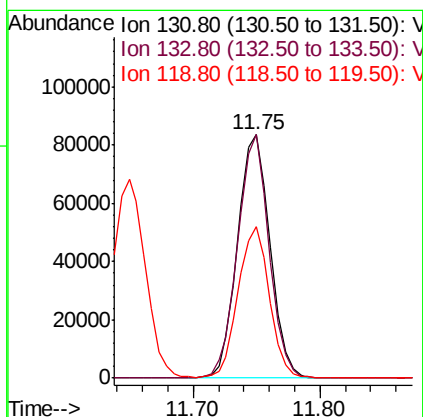
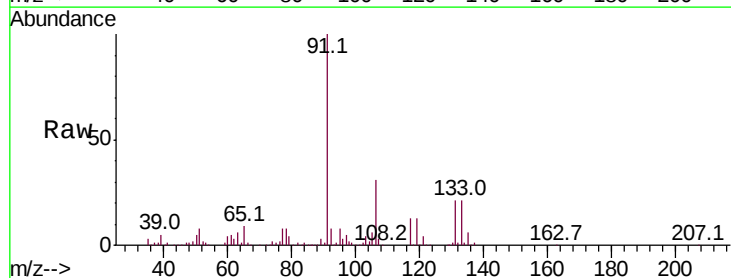
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

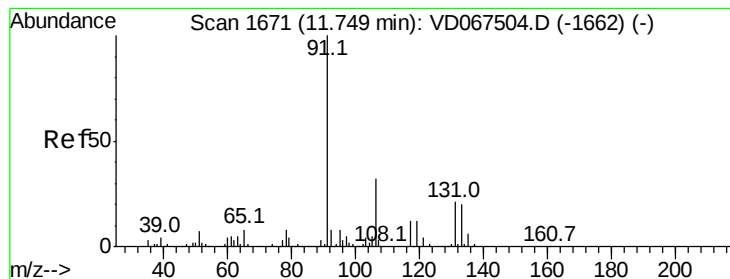
Tot Ion:112 Resp: 371267
Ion Ratio Lower Upper
112 100
114 31.6 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.975 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion:131 Resp: 148215
Ion Ratio Lower Upper
131 100
133 96.9 48.0 144.0
119 60.1 30.1 90.5





#67

Ethyl Benzene

Concen: 51.223 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

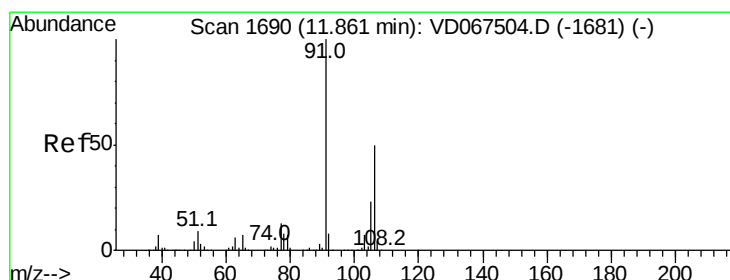
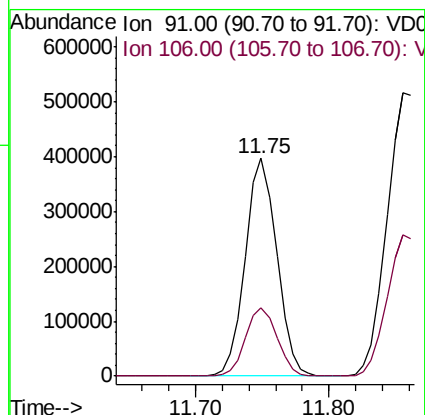
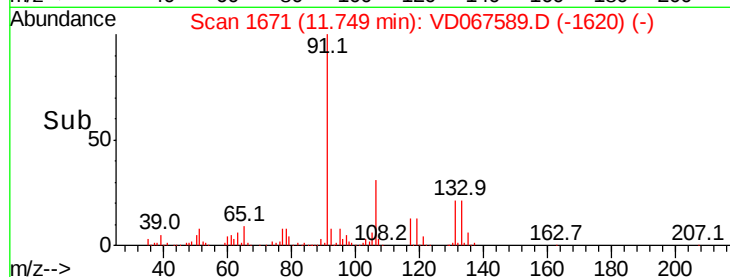
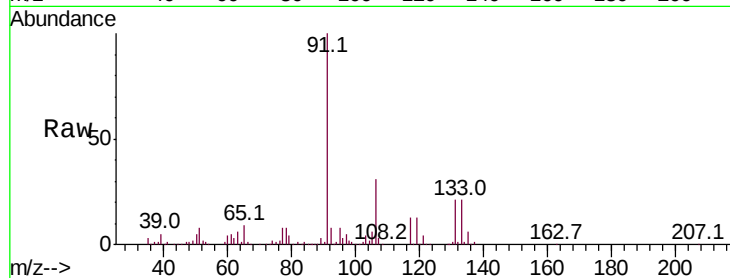
VSTDCCC050EC

Tot Ion: 91 Resp: 646628

Ion Ratio Lower Upper

91 100

106 31.3 25.7 38.5



#68

m/p-Xylenes

Concen: 102.851 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067589.D

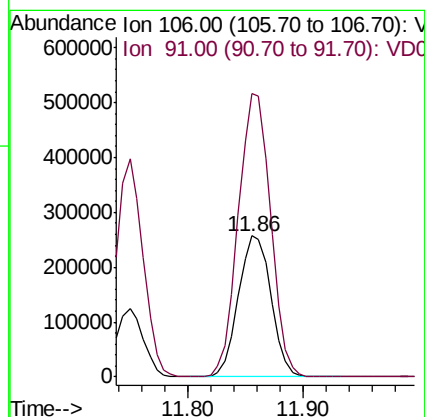
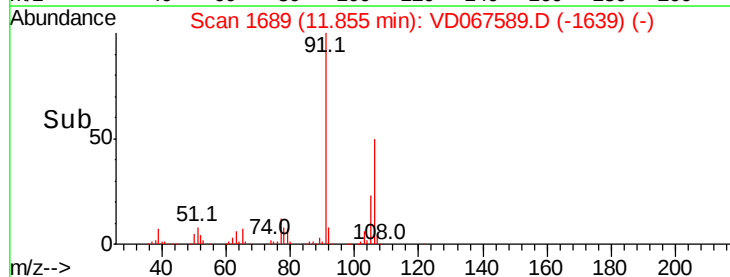
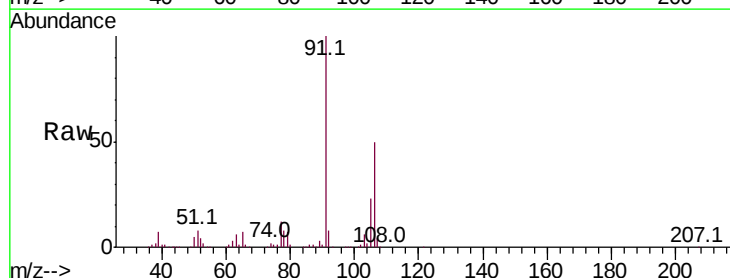
Acq: 10 Nov 2020 18:17

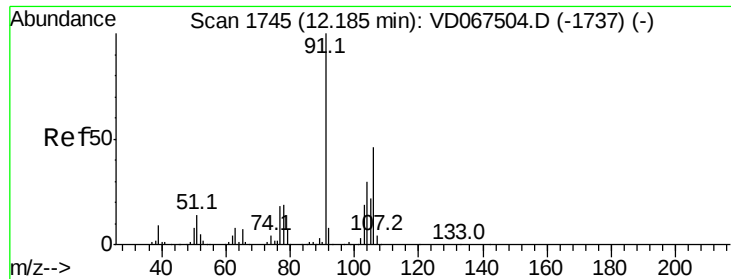
Tgt Ion: 106 Resp: 505125

Ion Ratio Lower Upper

106 100

91 199.1 162.6 244.0

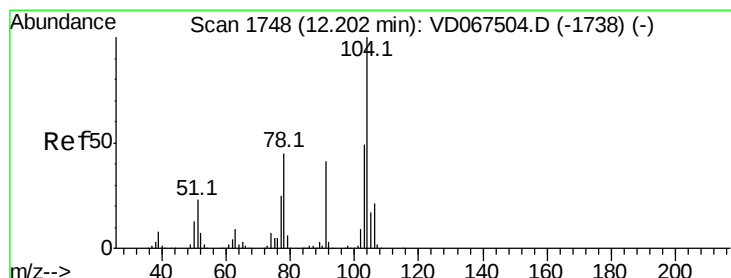
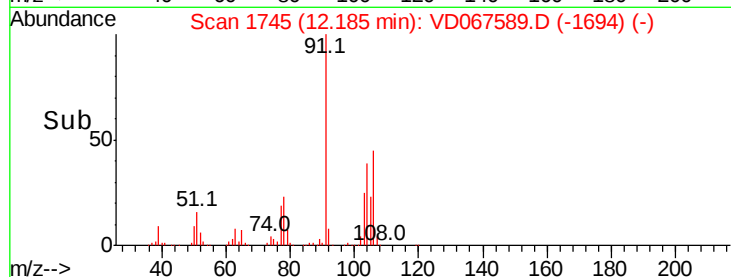
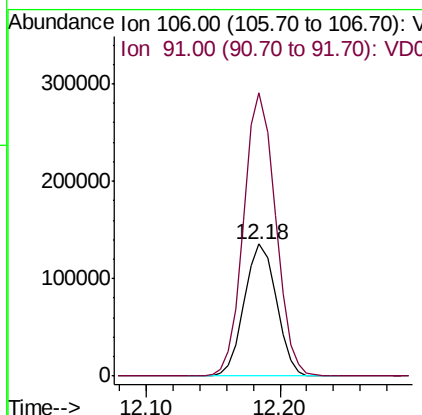
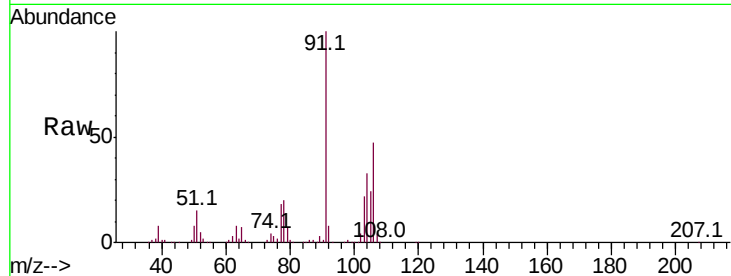




#69
o-Xylene
Concen: 51.409 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

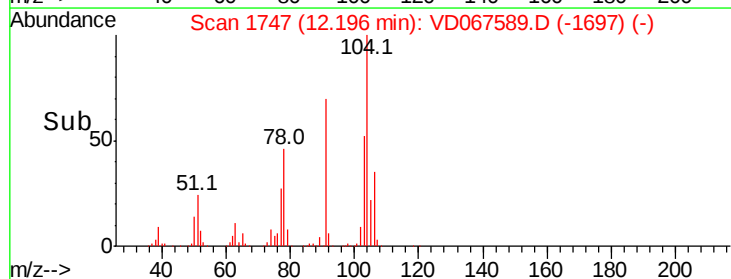
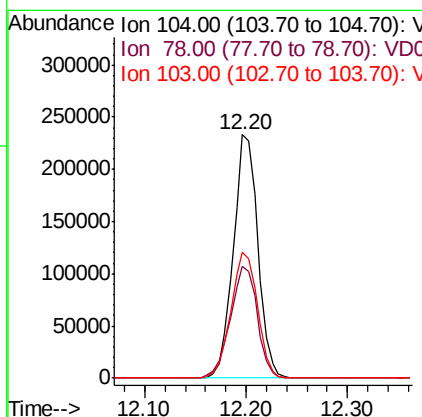
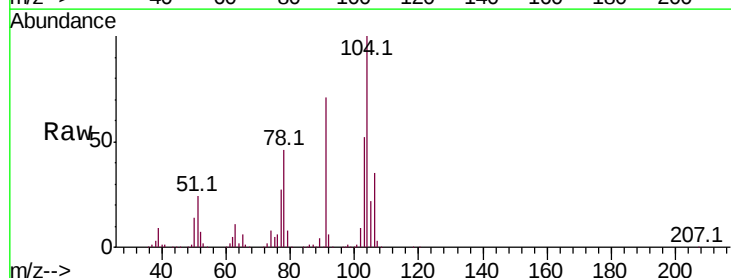
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

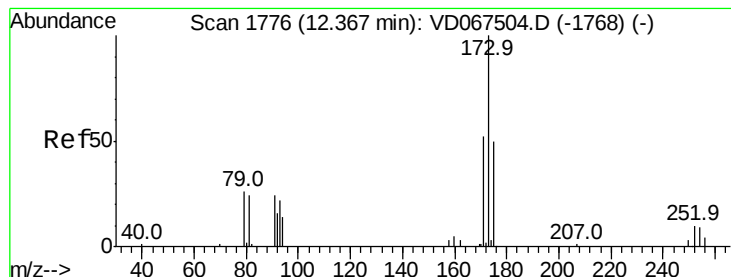
Tot Ion:106 Resp: 225419
Ion Ratio Lower Upper
106 100
91 213.1 107.1 321.1



#70
Styrene
Concen: 51.323 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion:104 Resp: 392145
Ion Ratio Lower Upper
104 100
78 50.4 39.8 59.8
103 55.8 43.9 65.9





#71

Bromoform

Concen: 53.974 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

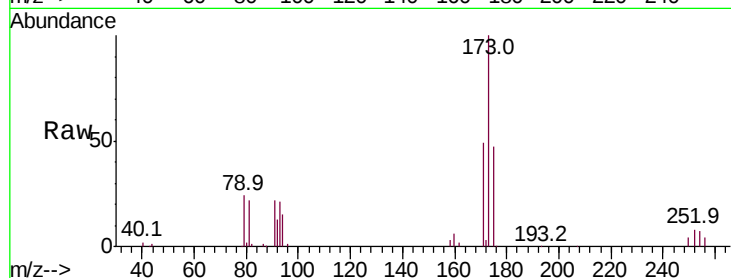
Tot Ion:173 Resp: 80037

Ion Ratio Lower Upper

173 100

175 49.7 24.1 72.2

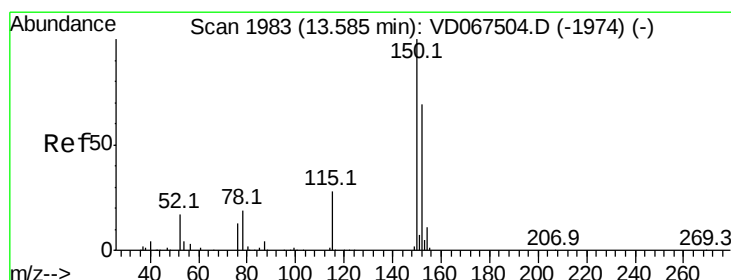
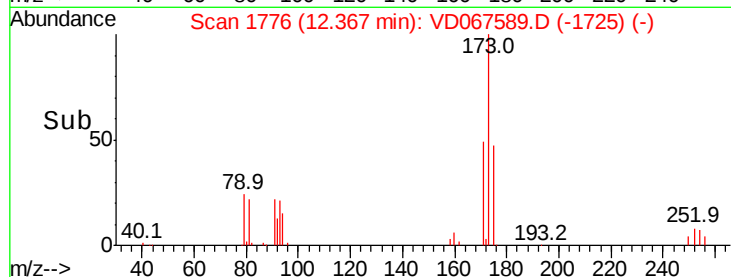
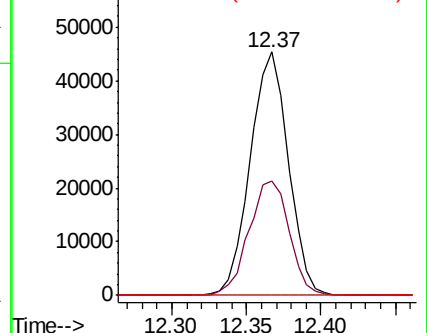
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

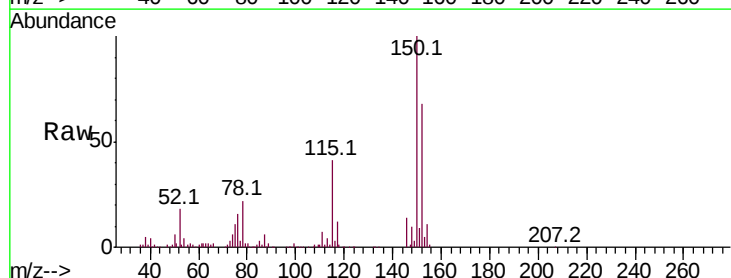
Tgt Ion:152 Resp: 202751

Ion Ratio Lower Upper

152 100

115 60.0 29.3 88.0

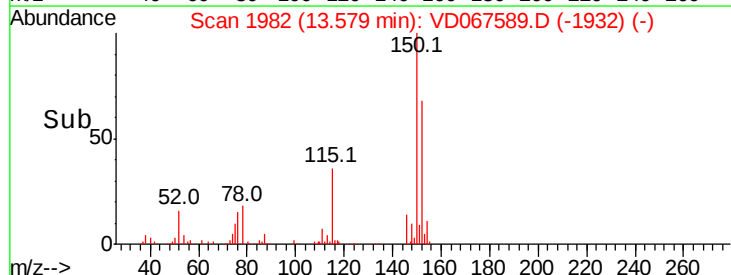
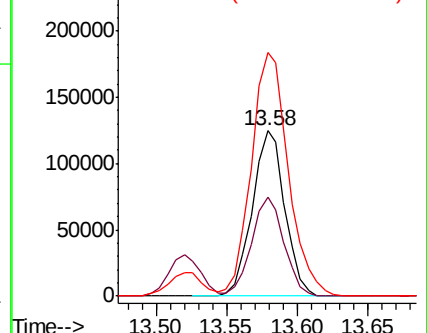
150 166.6 0.0 338.2

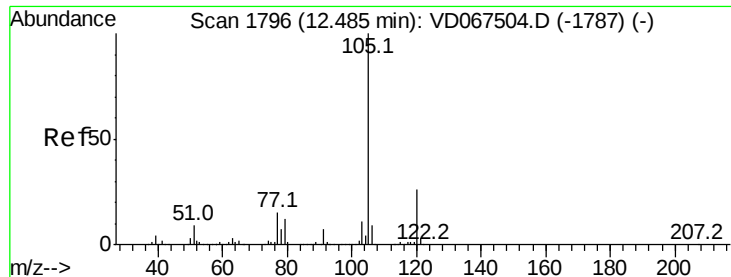


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.042 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

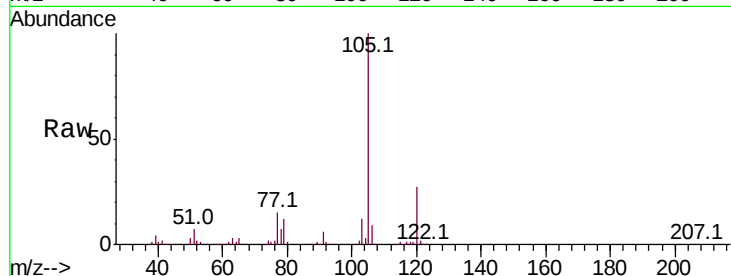
VSTDCCC050EC

Tot Ion:105 Resp: 629510

Ion Ratio Lower Upper

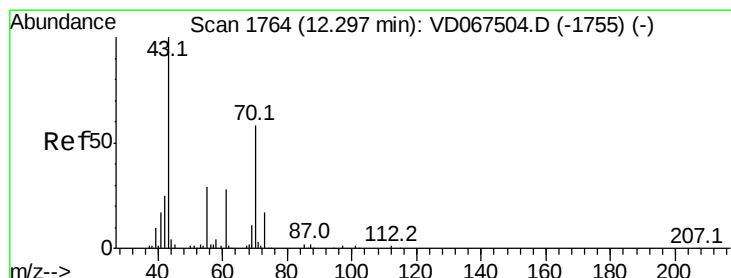
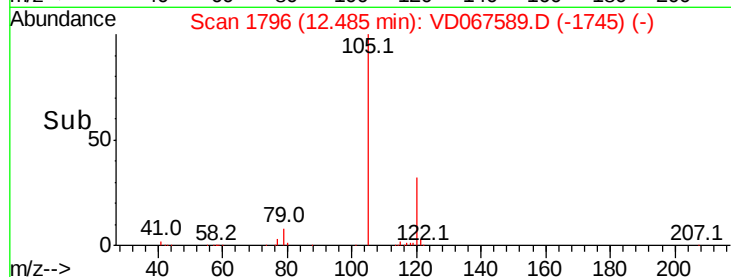
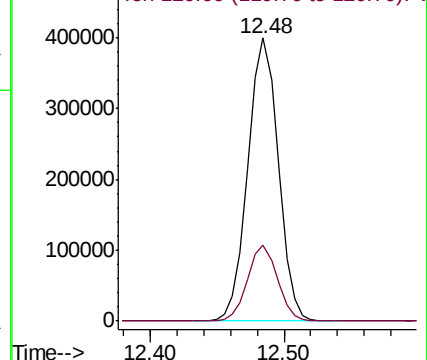
105 100

120 26.3 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: 49.526 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Tgt Ion: 43 Resp: 85393

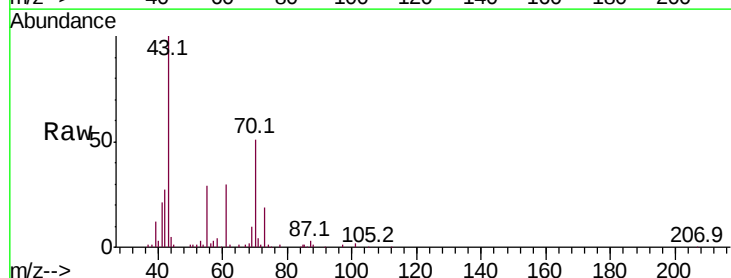
Ion Ratio Lower Upper

43 100

70 52.8 42.6 64.0

55 30.0 23.7 35.5

61 27.6 21.9 32.9

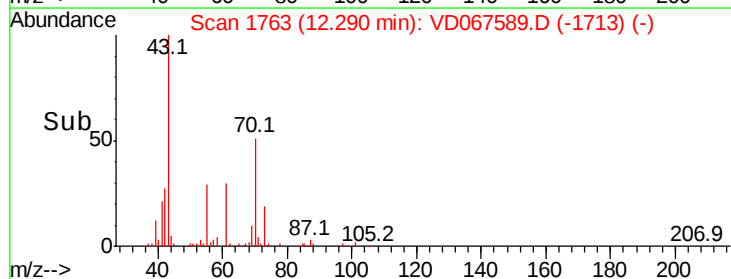
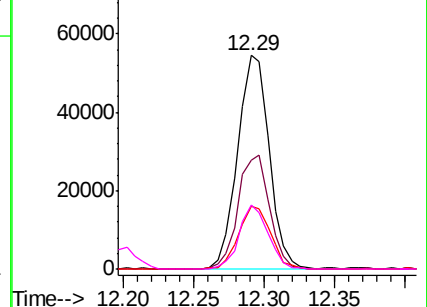


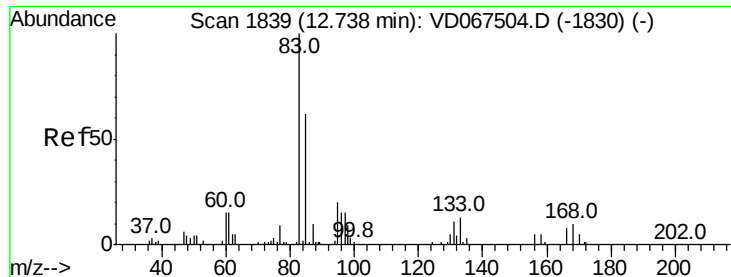
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.671 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

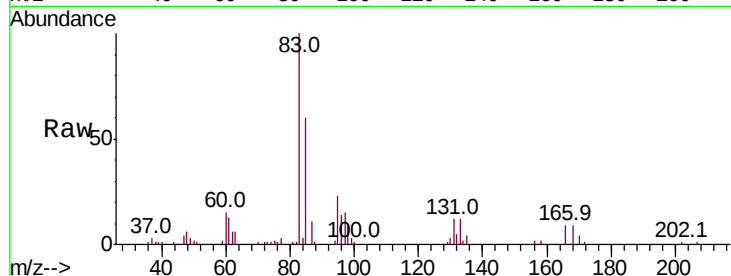
Tot Ion: 83 Resp: 88752

Ion Ratio Lower Upper

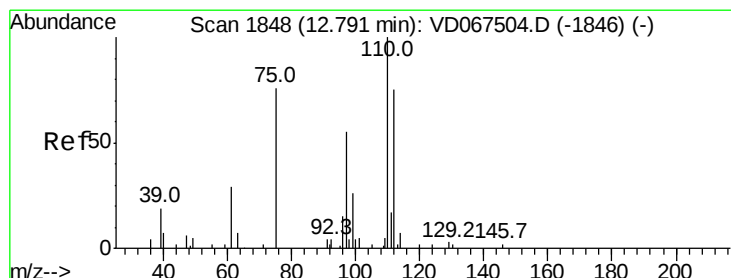
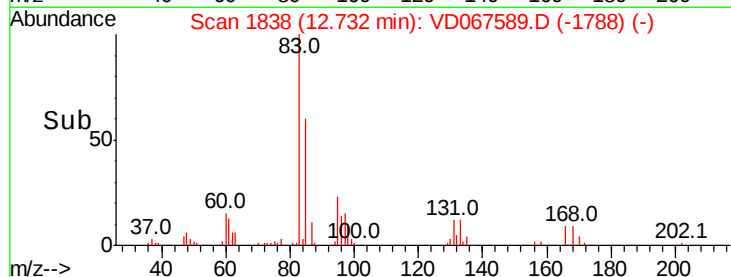
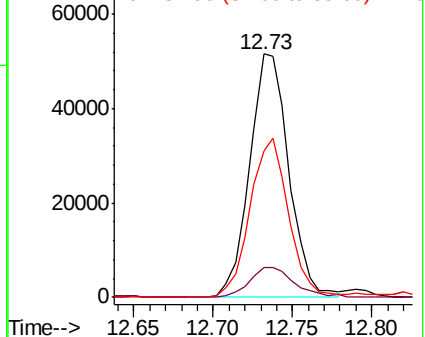
83 100

131 14.2 7.1 21.3

85 64.0 32.9 98.7



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



#76

1,2,3-Trichloropropane

Concen: 103.441 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD067589.D

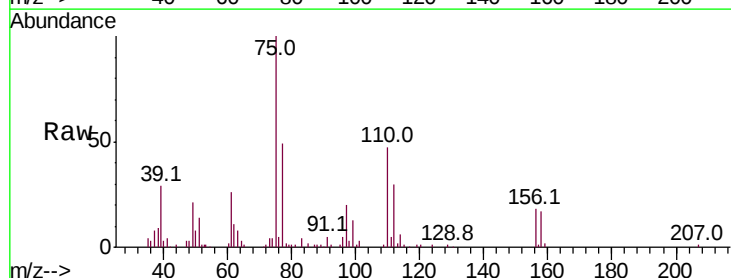
Acq: 10 Nov 2020 18:17

Tgt Ion: 75 Resp: 126520

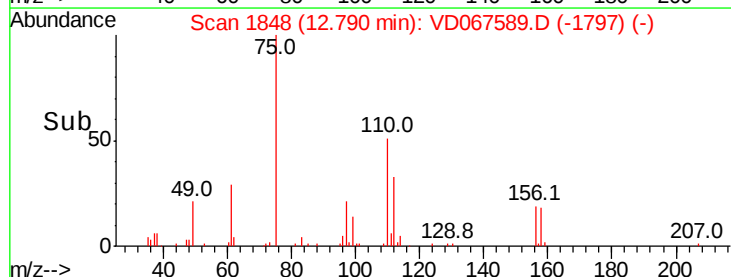
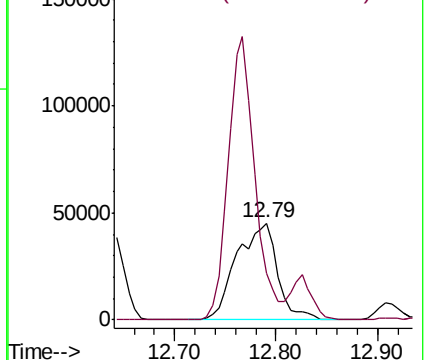
Ion Ratio Lower Upper

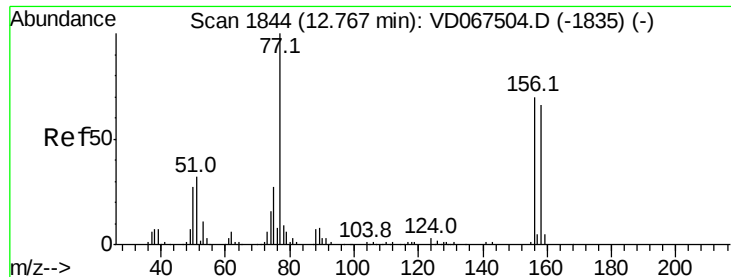
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 49.800 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

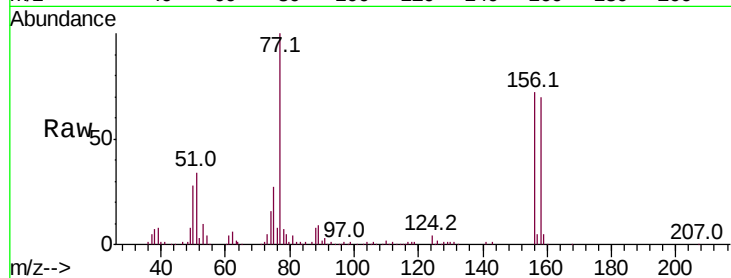
Tot Ion:156 Resp: 160260

Ion Ratio Lower Upper

156 100

77 149.7 77.8 233.5

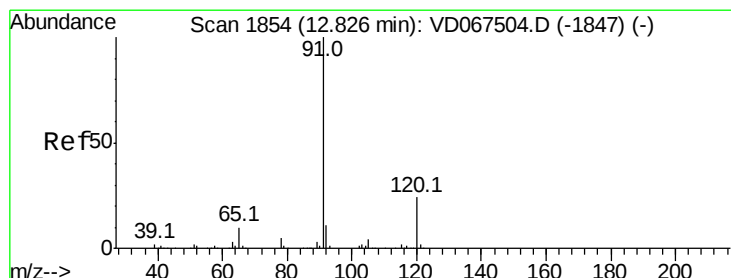
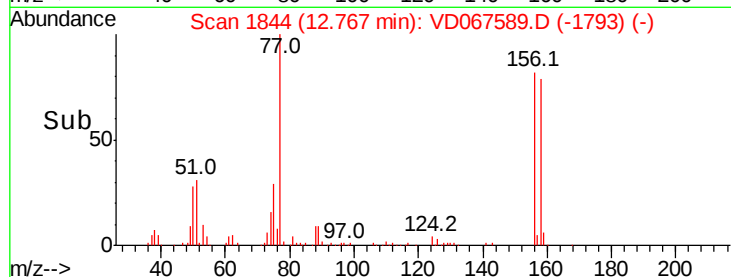
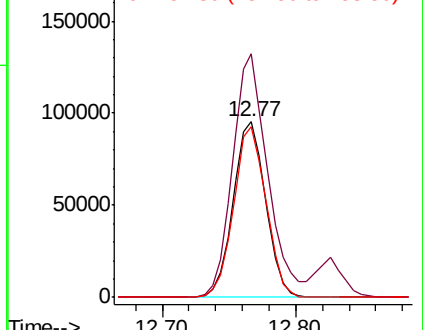
158 97.1 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.074 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067589.D

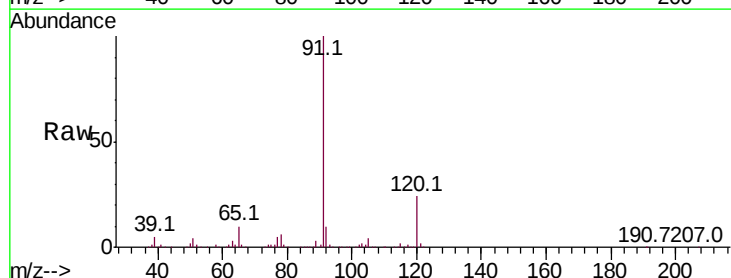
Acq: 10 Nov 2020 18:17

Tgt Ion: 91 Resp: 735525

Ion Ratio Lower Upper

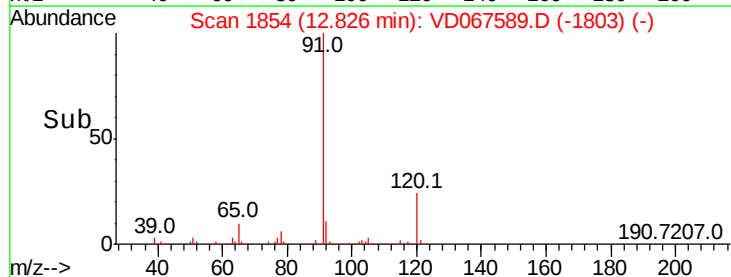
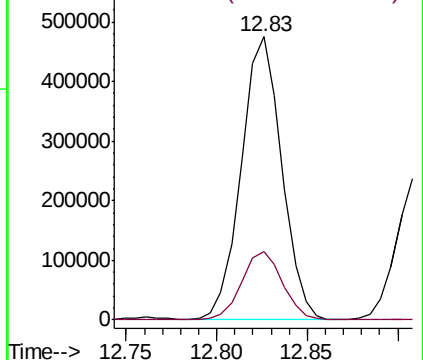
91 100

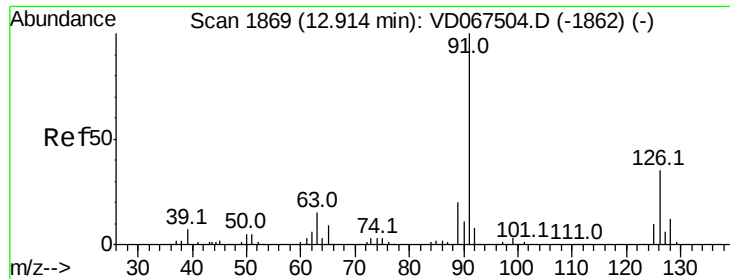
120 24.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

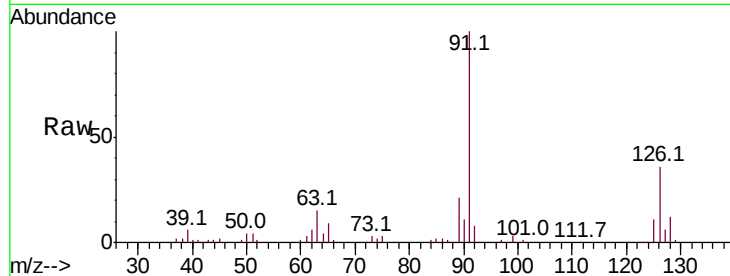




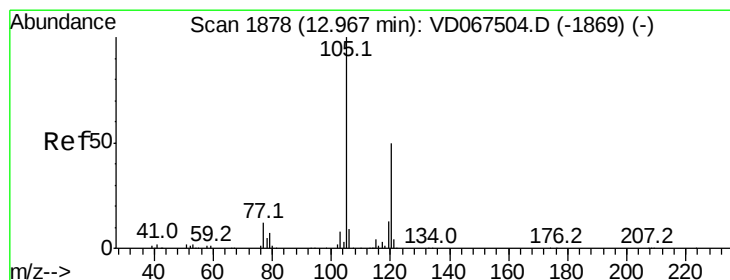
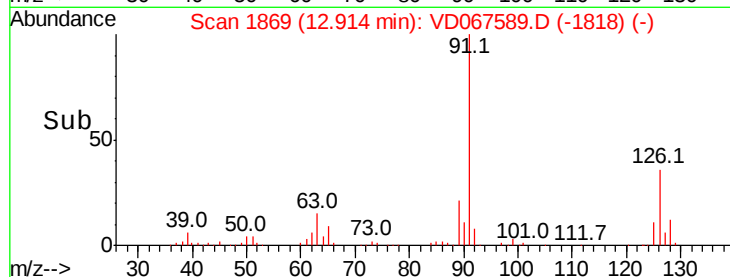
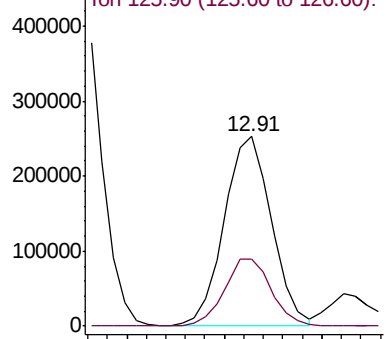
#79
 2-Chlorotoluene
 Concen: 49.748 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 423549
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.8 53.4

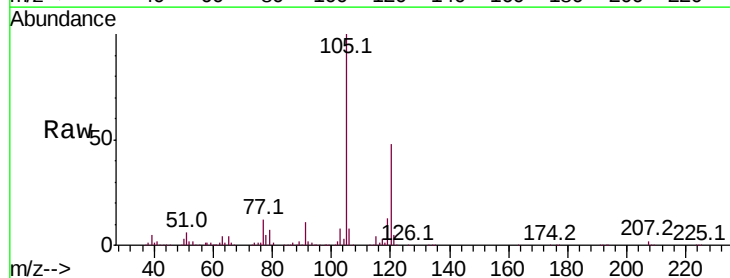


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.90 (125.60 to 126.60): V

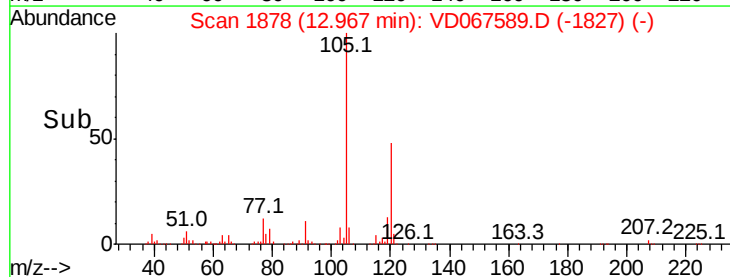
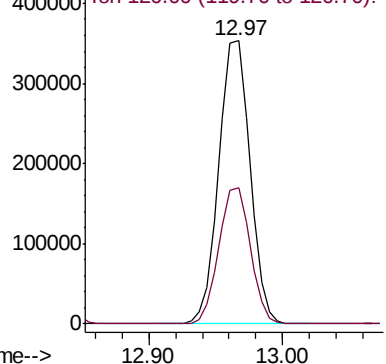


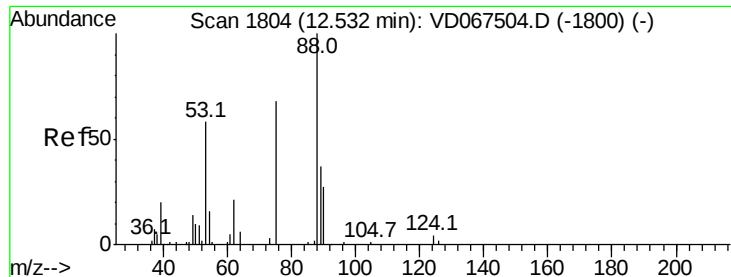
#80
 1,3,5-Trimethylbenzene
 Concen: 50.806 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Tgt Ion: 105 Resp: 568702
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 72.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 48.109 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

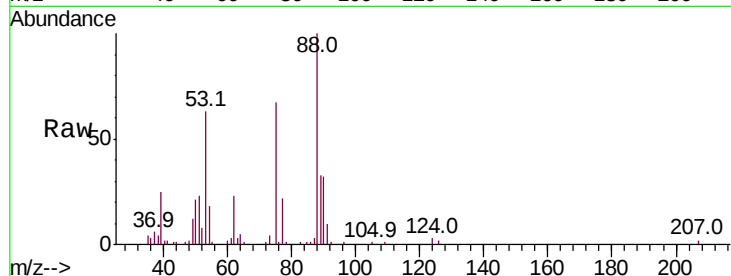
Tot Ion: 75 Resp: 28983

Ion Ratio Lower Upper

75 100

53 96.3 75.9 113.9

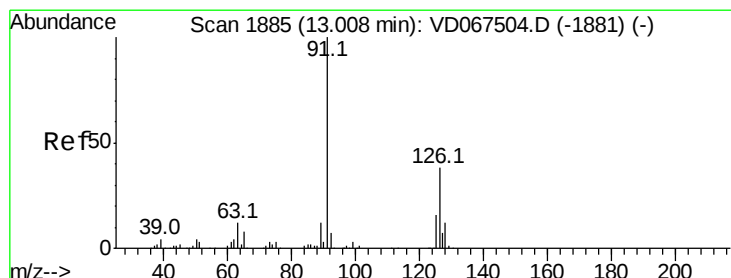
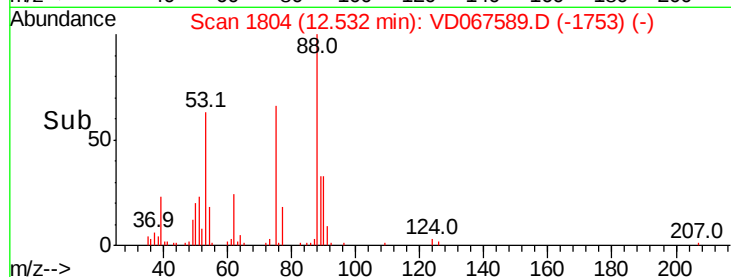
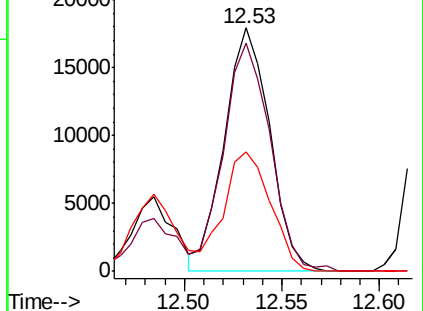
89 49.9 44.6 67.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 50.202 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067589.D

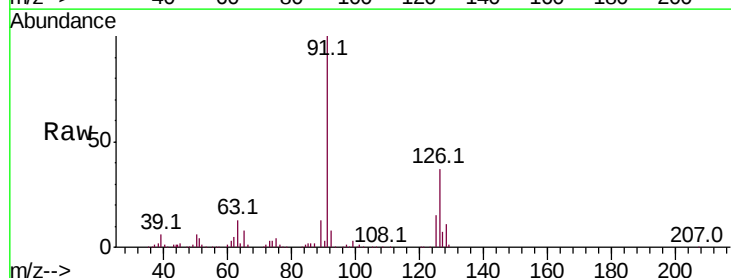
Acq: 10 Nov 2020 18:17

Tgt Ion: 91 Resp: 458407

Ion Ratio Lower Upper

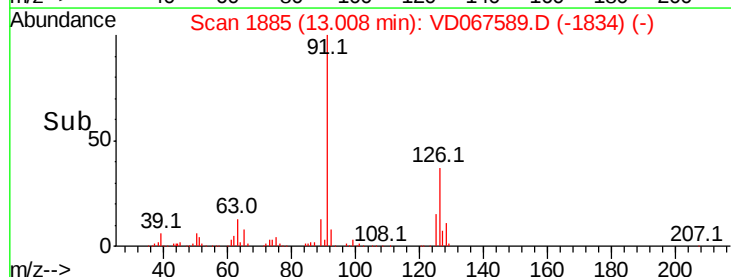
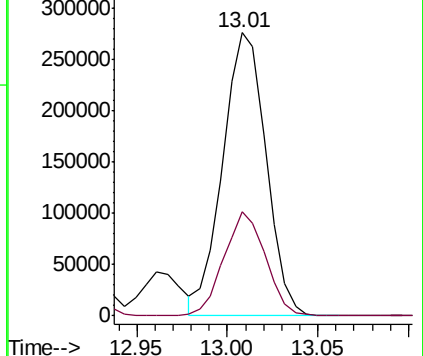
91 100

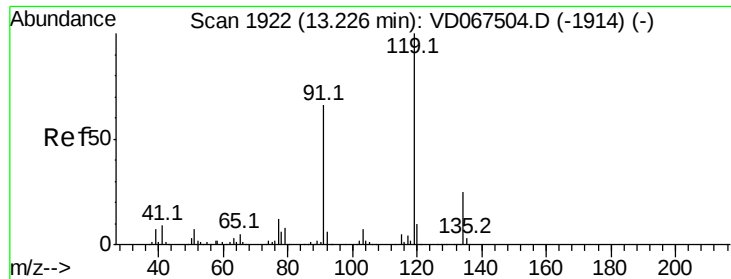
126 35.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

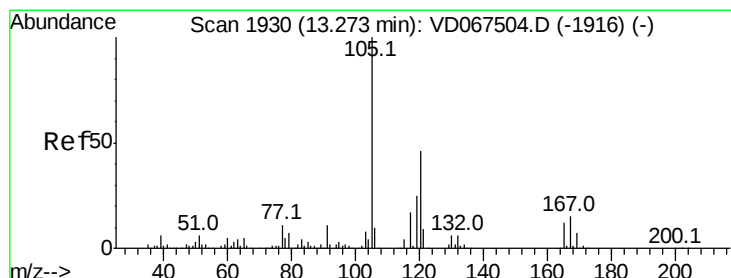
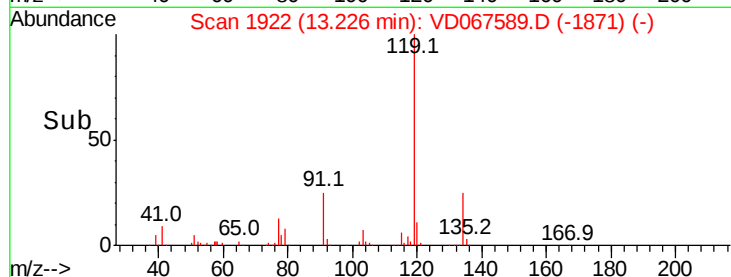
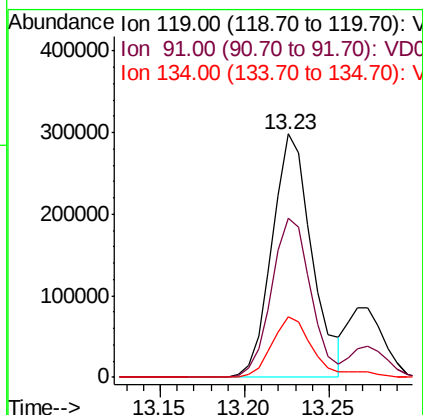
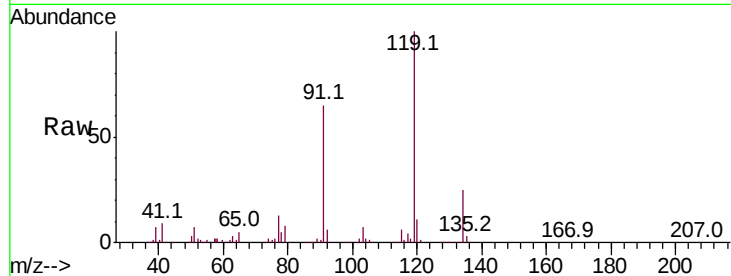




#83
tert-Butylbenzene
Concen: 51.586 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

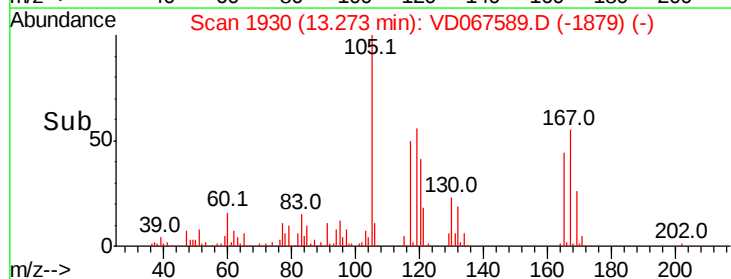
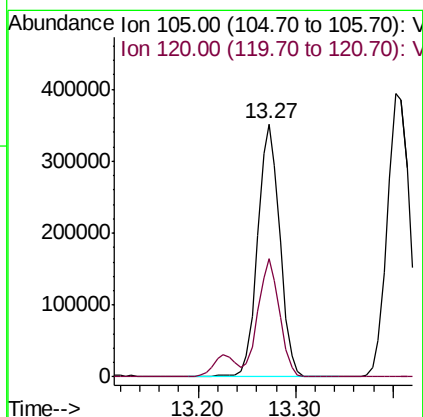
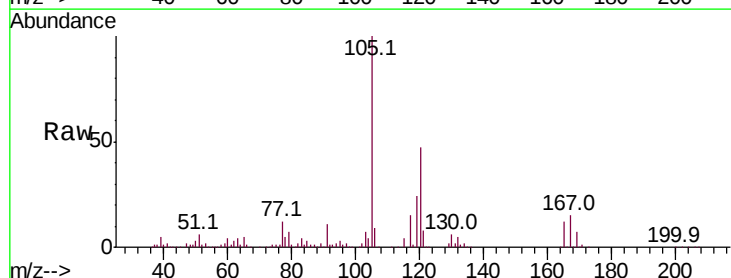
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

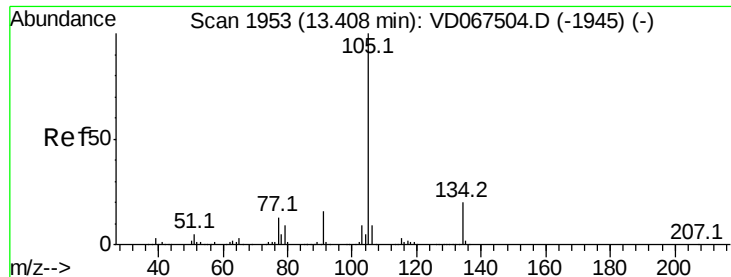
Tot Ion:119 Resp: 489377
Ion Ratio Lower Upper
119 100
91 64.8 32.7 98.1
134 26.2 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 50.564 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion:105 Resp: 563394
Ion Ratio Lower Upper
105 100
120 45.5 22.1 66.1





#85

sec-Butylbenzene

Concen: 49.517 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

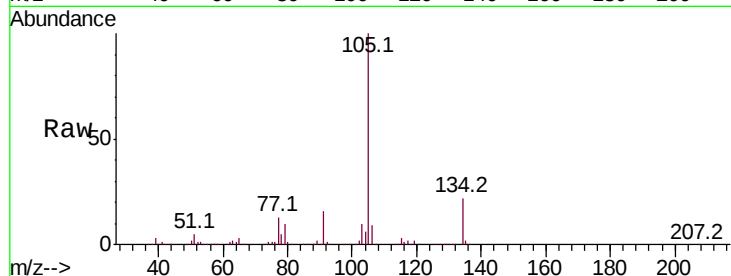
VSTDCCC050EC

Tot Ion:105 Resp: 634142

Ion Ratio Lower Upper

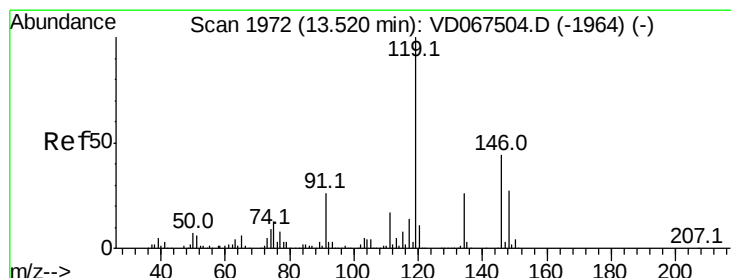
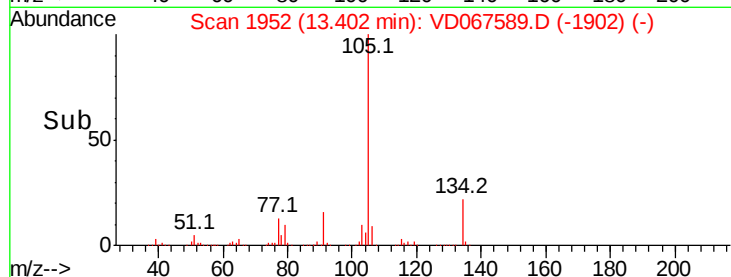
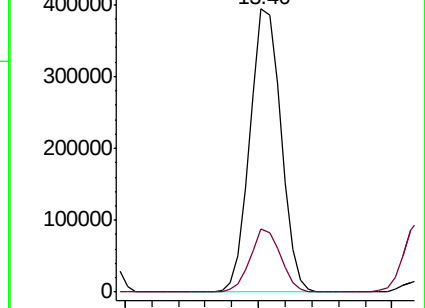
105 100

134 21.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.269 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

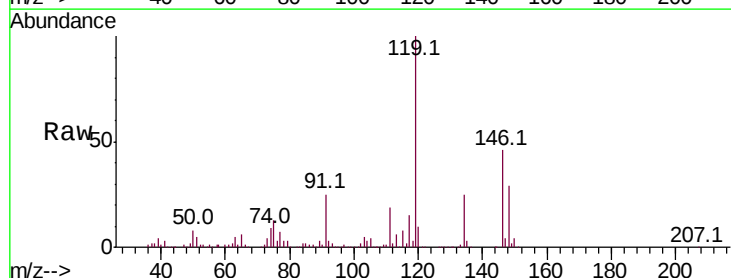
Tgt Ion:119 Resp: 609306

Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.3

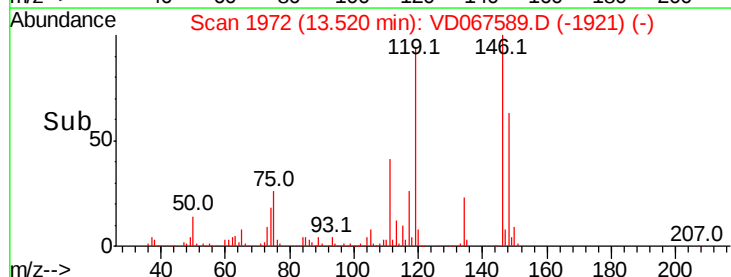
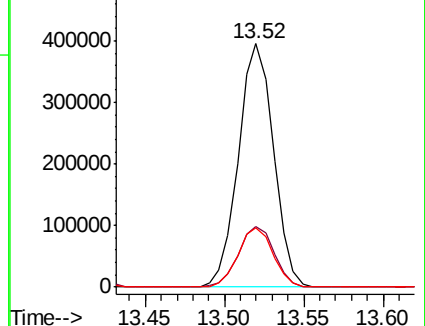
91 24.3 12.2 36.4

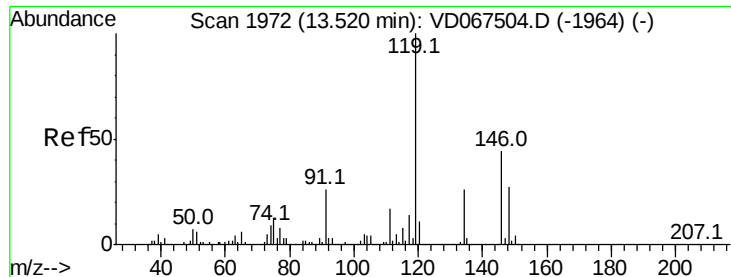


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.059 ug/l

RT: 13.52 min Scan# 1972

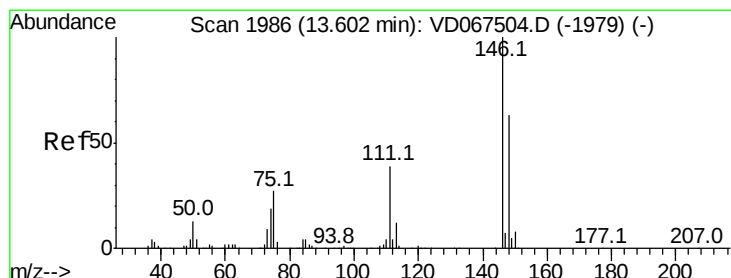
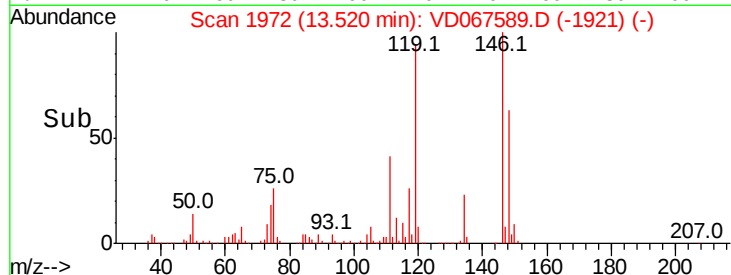
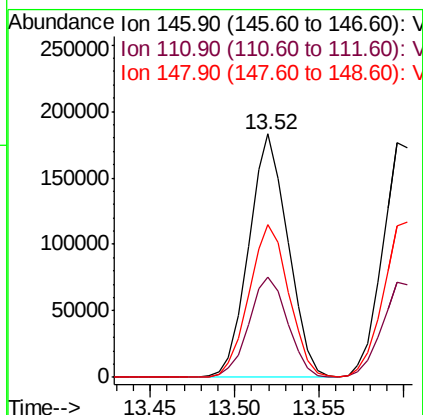
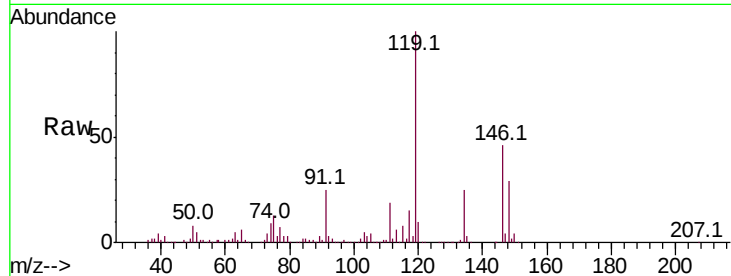
Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	60.8
148	64.0	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 47.612 ug/l

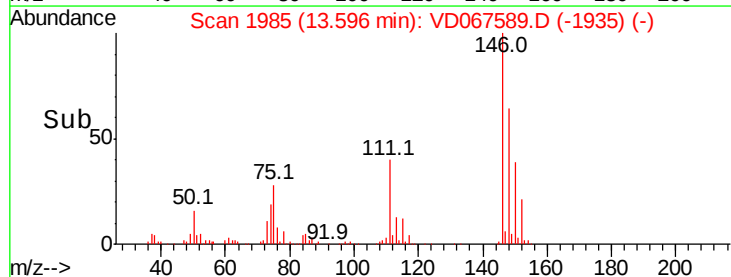
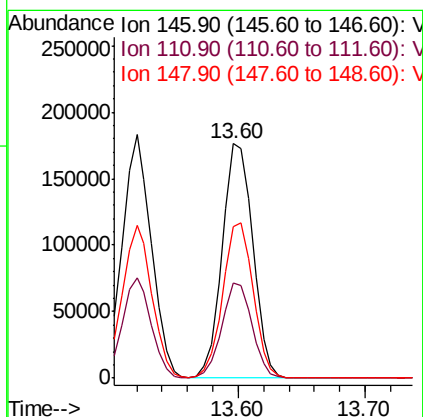
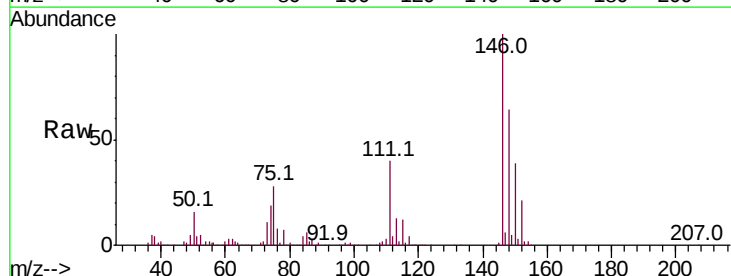
RT: 13.60 min Scan# 1985

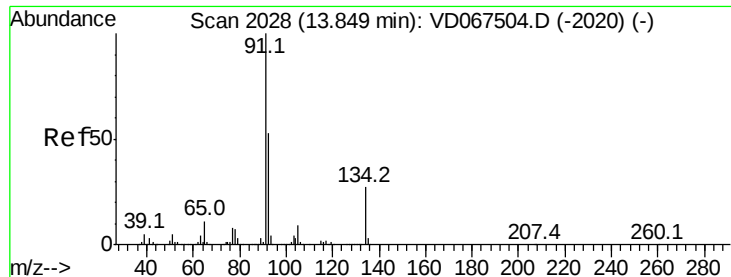
Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.6	58.7
148	65.5	31.8	95.4

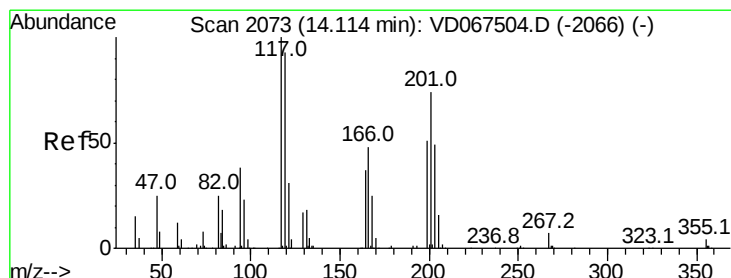
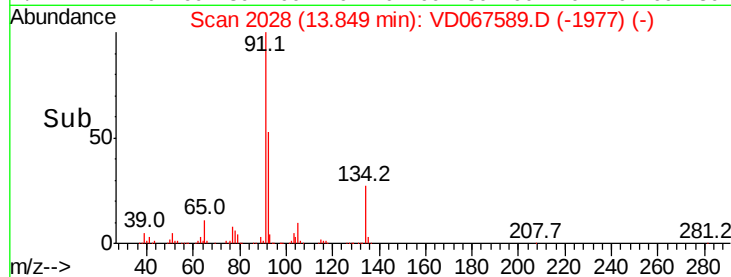
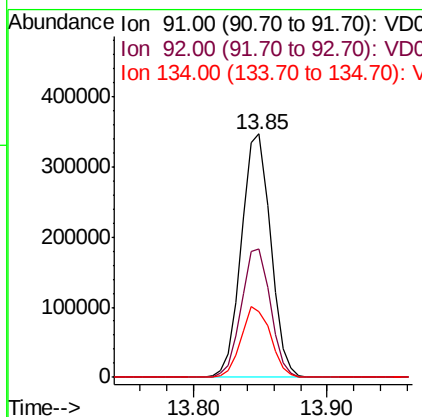
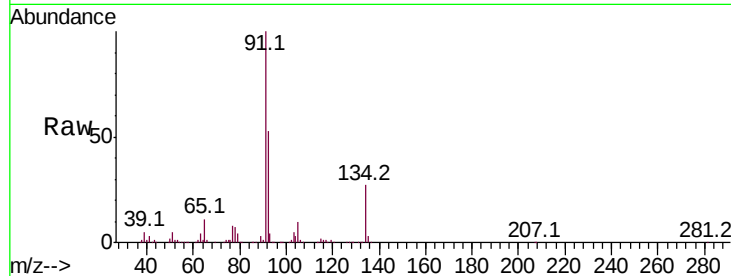




#89
n-Butylbenzene
Concen: 49.039 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

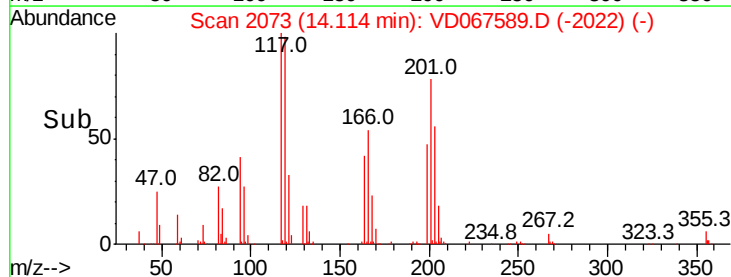
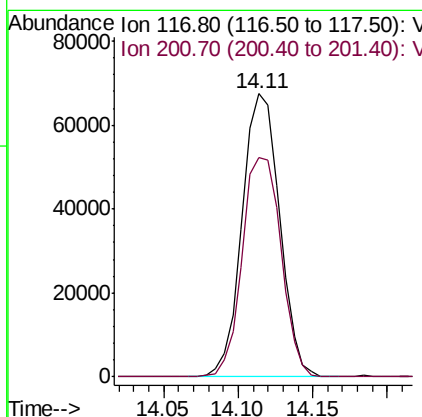
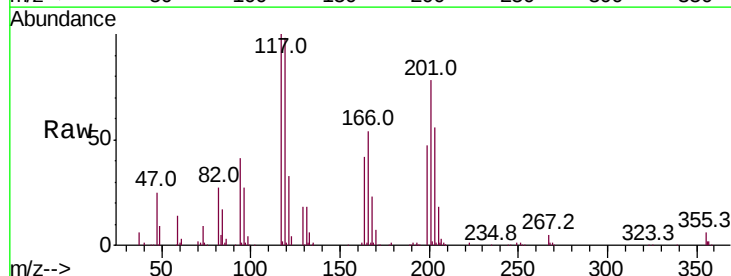
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

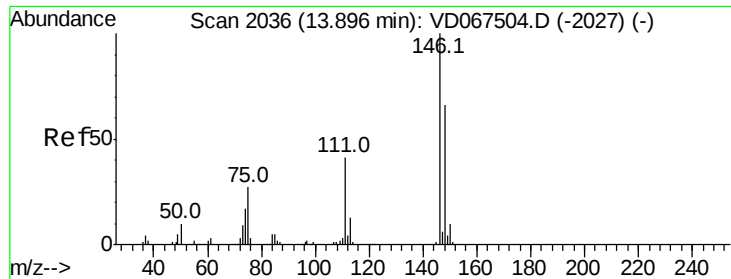
Tot Ion: 91 Resp: 523835
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.8
134 29.2 14.1 42.2



#90
Hexachloroethane
Concen: 50.370 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion: 117 Resp: 117306
Ion Ratio Lower Upper
117 100
201 80.3 40.7 122.1

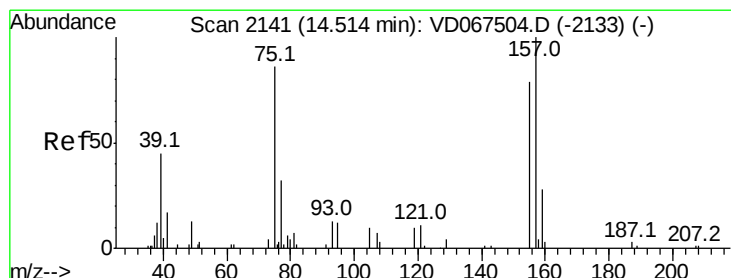
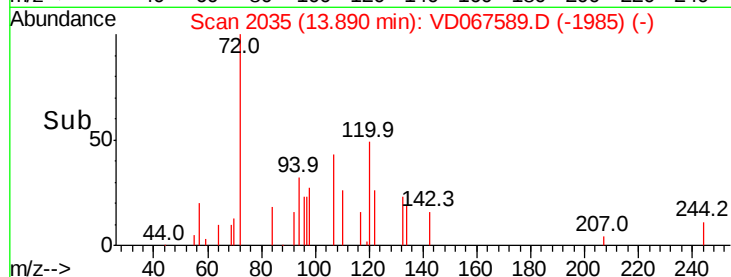
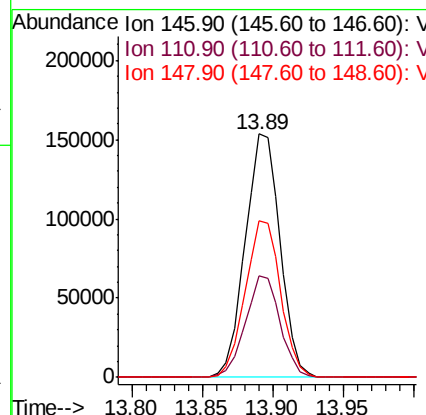
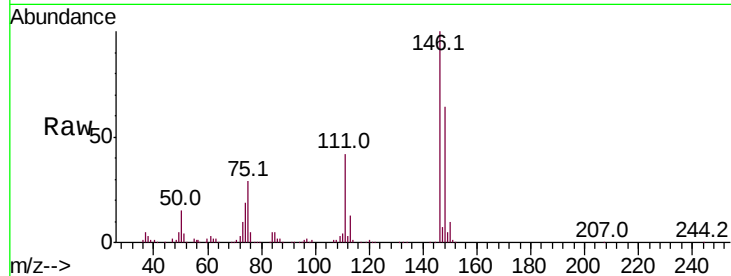




#91
 1,2-Dichlorobenzene
 Concen: 50.074 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

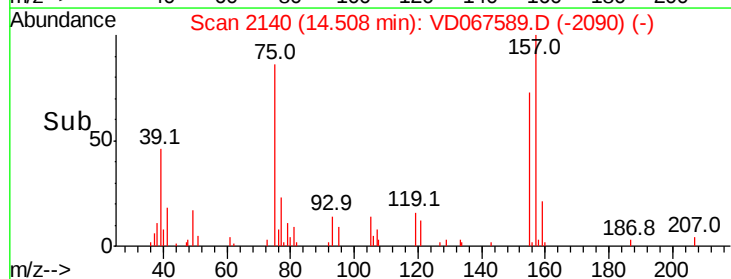
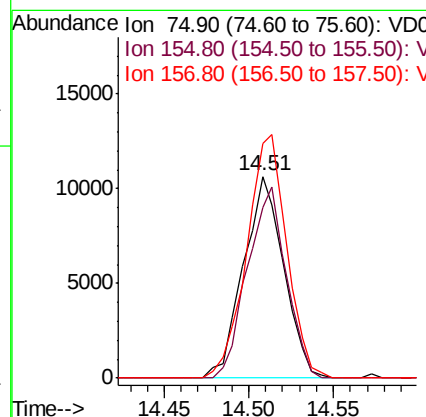
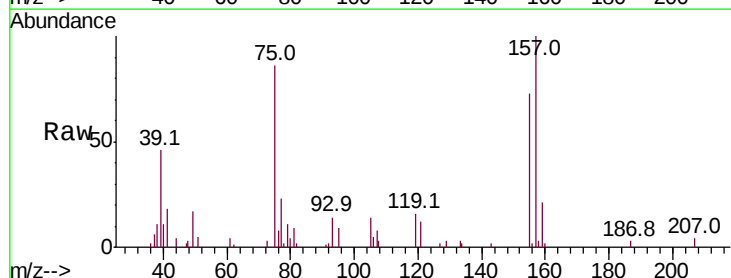
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

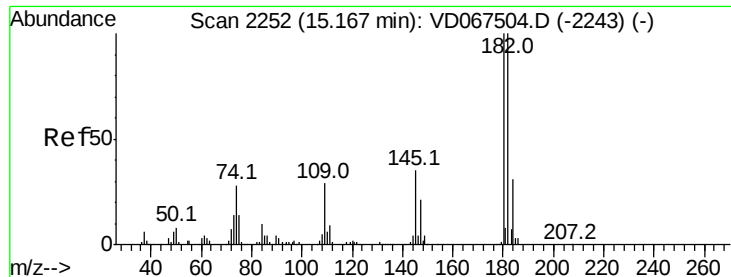
Tot Ion:146 Resp: 266114
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.7 62.1
 148 65.1 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.794 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Tgt Ion: 75 Resp: 17651
 Ion Ratio Lower Upper
 75 100
 155 91.3 46.6 139.8
 157 120.0 58.1 174.2

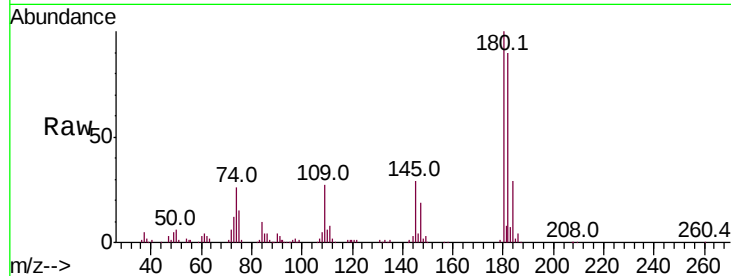




#93
 1,2,4-Trichlorobenzene
 Concen: 53.351 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.4	142.3
145	31.5	16.2	48.6

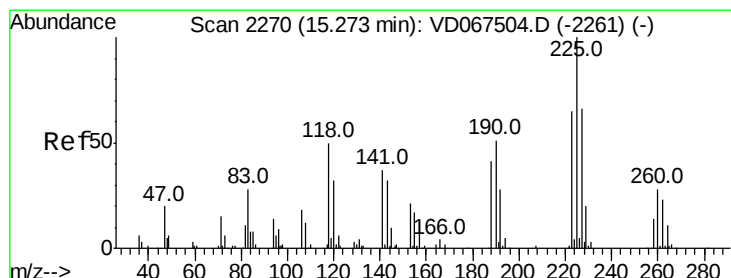
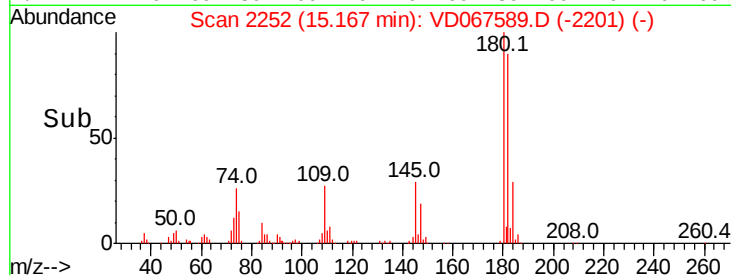
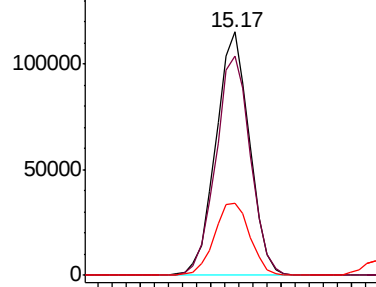


Abundance

Ion 179.80 (179.50 to 180.50): V

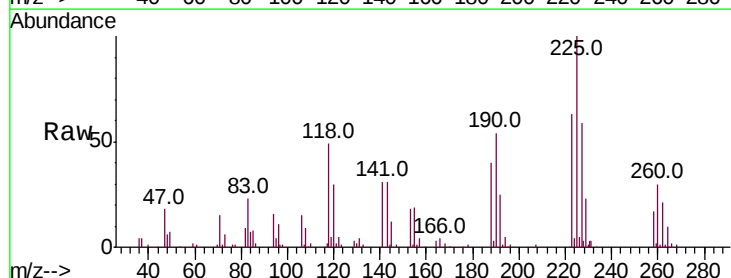
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.060 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.9	95.5
227	63.9	32.5	97.4

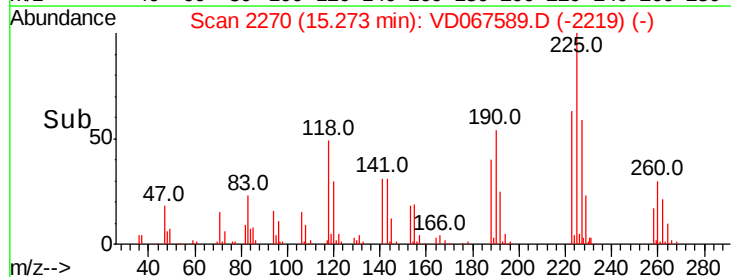
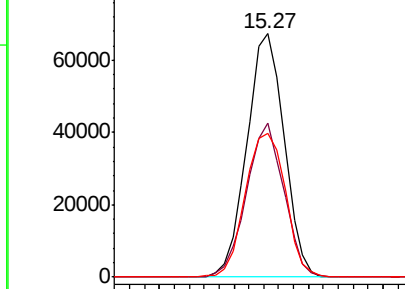


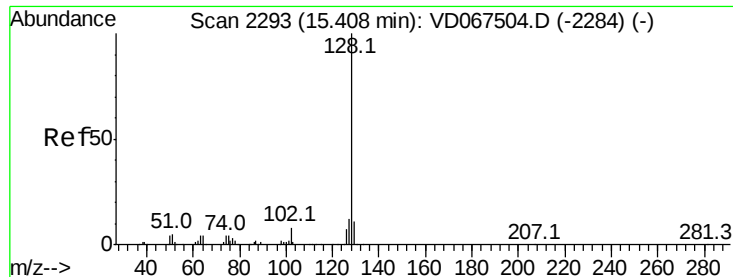
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

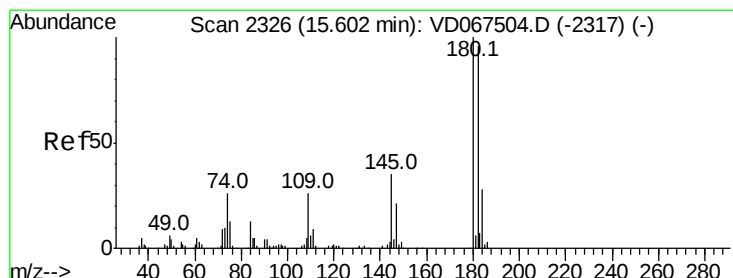
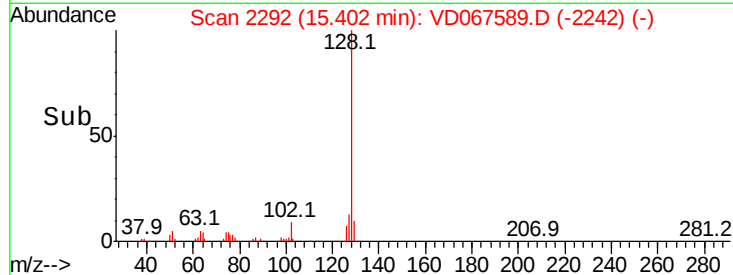
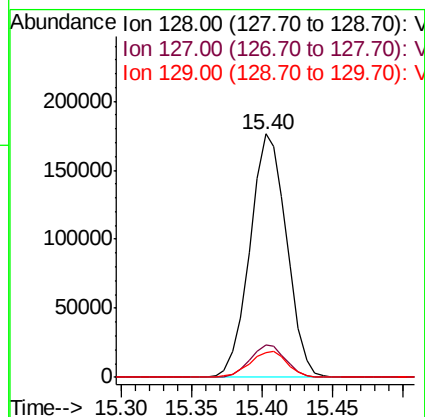
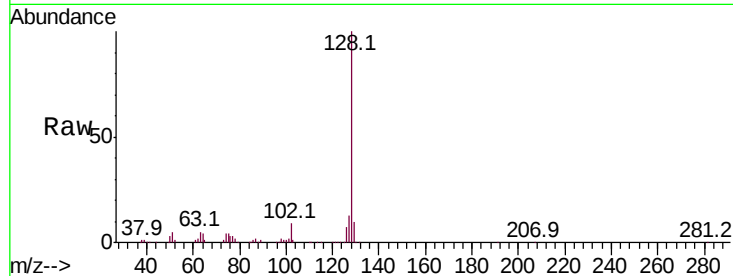




#95
Naphthalene
Concen: 57.735 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 321378
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 53.642 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion:180 Resp: 165687
Ion Ratio Lower Upper
180 100
182 94.6 46.9 140.8
145 32.9 17.1 51.2

