

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067696.D
 Acq On : 18 Nov 2020 19:55
 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 19 00:29:13 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	269422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	418113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	383555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	190877	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	117888	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	7.91	113	120334	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	10.34	98	405557	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
62) 4-Bromofluorobenzene	12.63	95	149417	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	99783	45.328	ug/l	96
3) Chloromethane	2.21	50	70226	41.857	ug/l	95
4) Vinyl Chloride	2.35	62	77307	41.329	ug/l	99
5) Bromomethane	2.77	94	69439	45.801	ug/l	97
6) Chloroethane	2.93	64	50925	44.159	ug/l	94
7) Trichlorofluoromethane	3.28	101	229487	47.383	ug/l	89
8) Diethyl Ether	3.71	74	51872	53.152	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	114649	46.896	ug/l	100
10) Methyl Iodide	4.30	142	118669	45.289	ug/l	98
11) Tert butyl alcohol	5.21	59	23580	230.709	ug/l	99
12) 1,1-Dichloroethene	4.07	96	106491	47.356	ug/l	96
13) Acrolein	3.92	56	23549	228.024	ug/l	95
14) Allyl chloride	4.71	41	115273	47.897	ug/l	96
15) Acrylonitrile	5.41	53	95188	263.861	ug/l	98
16) Acetone	4.16	43	85642	242.934	ug/l	100
17) Carbon Disulfide	4.41	76	298578	43.330	ug/l	99
18) Methyl Acetate	4.72	43	40457	55.535	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	251900	56.790	ug/l	98
20) Methylene Chloride	4.97	84	131443	52.783	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	127069	48.515	ug/l	98
22) Diisopropyl ether	6.36	45	244161	52.060	ug/l	95
23) Vinyl Acetate	6.31	43	668592	272.340	ug/l	97
24) 1,1-Dichloroethane	6.27	63	195160	50.865	ug/l	98
25) 2-Butanone	7.21	43	98238	260.793	ug/l	90
26) 2,2-Dichloropropane	7.21	77	196524	48.532	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	143647	52.839	ug/l	99
28) Bromochloromethane	7.55	49	71902	52.684	ug/l	95
29) Tetrahydrofuran	7.57	42	60663	268.850	ug/l	96
30) Chloroform	7.71	83	244179	53.345	ug/l	95
31) Cyclohexane	7.98	56	147776	43.250	ug/l #	86
32) 1,1,1-Trichloroethane	7.91	97	241500	51.135	ug/l	98
36) 1,1-Dichloropropene	8.11	75	167293	46.743	ug/l	98
37) Ethyl Acetate	7.30	43	48001	51.660	ug/l	97
38) Carbon Tetrachloride	8.10	117	230354	49.538	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	189912	45.084	ug/l	98
40) Benzene	8.35	78	476206	49.121	ug/l	96
41) Methacrylonitrile	7.53	41	27322	49.193	ug/l #	74
42) 1,2-Dichloroethane	8.43	62	156021	52.088	ug/l	100
43) Isopropyl Acetate	8.46	43	94744	51.558	ug/l	99
44) Trichloroethene	9.11	130	154715	48.536	ug/l	92
45) 1,2-Dichloropropane	9.39	63	102563	48.932	ug/l	96
46) Dibromomethane	9.48	93	67622	50.740	ug/l	98
47) Bromodichloromethane	9.67	83	187964	51.890	ug/l	97
48) Methyl methacrylate	9.46	41	44745	47.160	ug/l #	81
49) 1,4-Dioxane	9.46	88	14295	1056.588	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	240007	273.094	ug/l	98
52) Toluene	10.41	92	324997	50.050	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	160830	51.841	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	180791	49.048	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	92689	52.564	ug/l	96
56) Ethyl methacrylate	10.67	69	96730	53.121	ug/l	97
57) 1,3-Dichloropropane	10.95	76	146778	51.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	226939	267.249	ug/l	100
59) 2-Hexanone	10.99	43	162298	264.119	ug/l	99
60) Dibromochloromethane	11.14	129	137839	52.843	ug/l	99
61) 1,2-Dibromoethane	11.25	107	91062	51.454	ug/l	99
64) Tetrachloroethene	10.88	164	135127	47.570	ug/l	98
65) Chlorobenzene	11.67	112	369678	50.036	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	149532	51.351	ug/l	99
67) Ethyl Benzene	11.75	91	643120	50.868	ug/l	98
68) m/p-Xylenes	11.86	106	489558	99.531	ug/l	99
69) o-Xylene	12.18	106	228894	52.122	ug/l	99
70) Styrene	12.20	104	400044	52.278	ug/l	99
71) Bromoform	12.36	173	77470	52.164	ug/l #	97
73) Isopropylbenzene	12.48	105	631418	51.185	ug/l	100
74) N-amyl acetate	12.29	43	81847	50.422	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	84426	50.189	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	122423	106.318	ug/l #	100
77) Bromobenzene	12.76	156	156760	51.743	ug/l	96
78) n-propylbenzene	12.83	91	709706	50.297	ug/l	100
79) 2-Chlorotoluene	12.91	91	409055	51.034	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	547508	51.955	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	28064	49.482	ug/l	95
82) 4-Chlorotoluene	13.01	91	442409	51.464	ug/l	100
83) tert-Butylbenzene	13.23	119	454992	50.945	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	543679	51.830	ug/l	98
85) sec-Butylbenzene	13.40	105	601429	49.884	ug/l	98
86) p-Isopropyltoluene	13.52	119	587838	50.490	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	293578	50.784	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	290903	49.697	ug/l	100
89) n-Butylbenzene	13.84	91	505582	50.274	ug/l	99
90) Hexachloroethane	14.11	117	109786	50.073	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	257606	51.489	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16941	56.881	ug/l	96

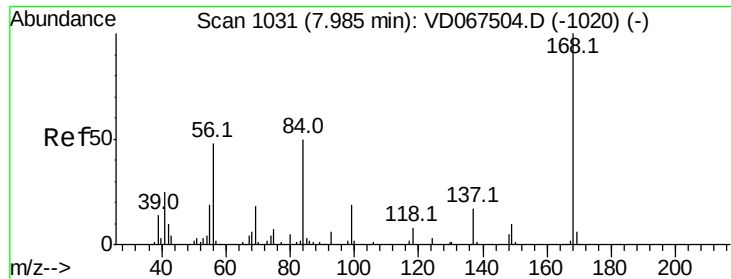
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QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	180671	53.205	ug/l	99
94) Hexachlorobutadiene	15.27	225	110730	48.723	ug/l	98
95) Naphthalene	15.40	128	298887	57.035	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	153323	52.727	ug/l	97

(#) = 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: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

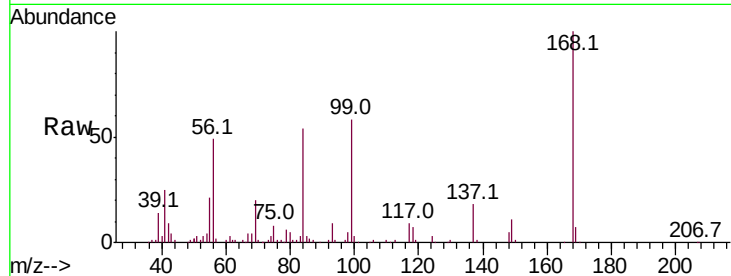
VSTDCCC050EC

Tot Ion:168 Resp: 269422

Ion Ratio Lower Upper

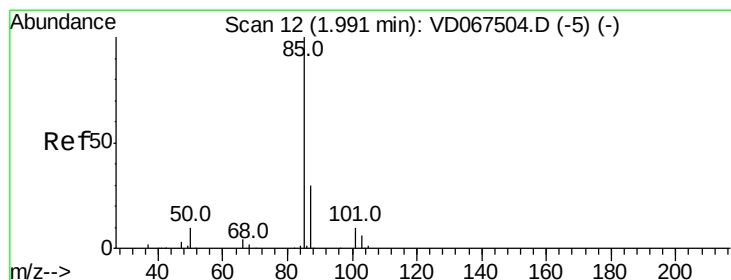
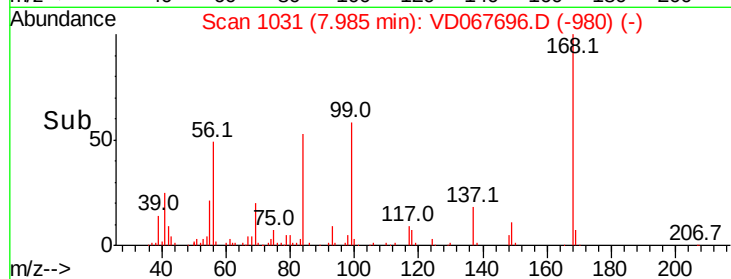
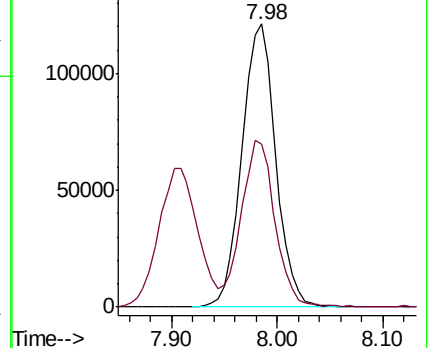
168 100

99 57.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 45.328 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067696.D

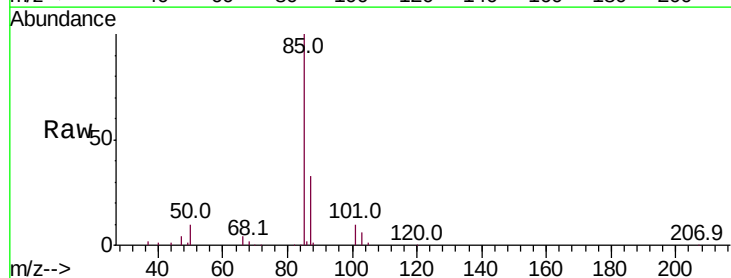
Acq: 18 Nov 2020 19:55

Tgt Ion: 85 Resp: 99783

Ion Ratio Lower Upper

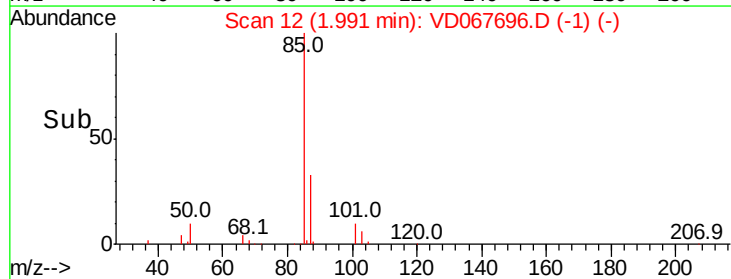
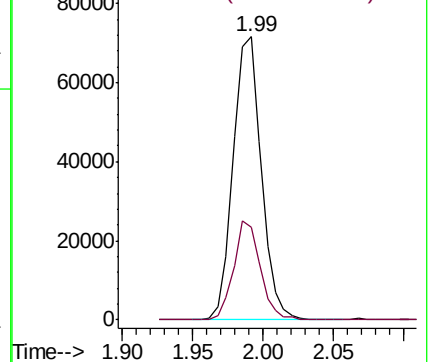
85 100

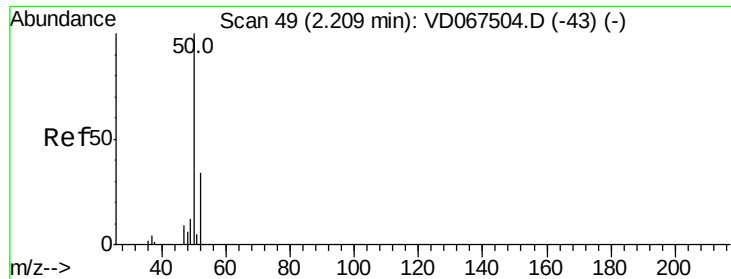
87 32.8 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 41.857 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

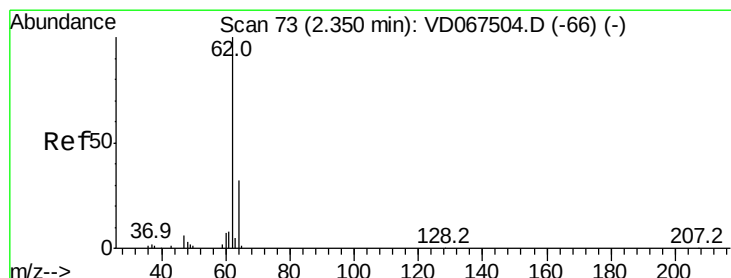
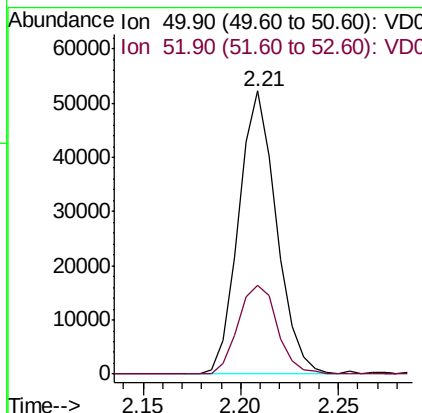
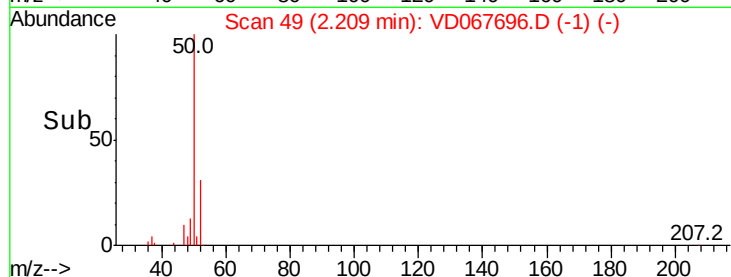
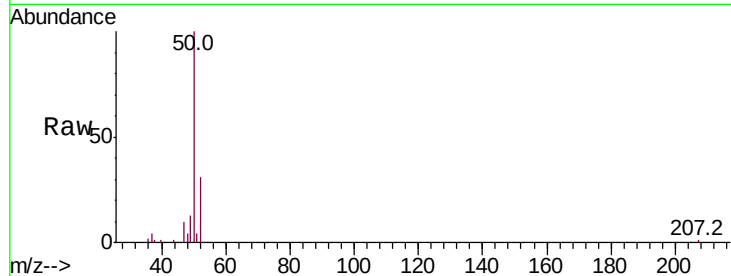
VSTDCCC050EC

Tot Ion: 50 Resp: 70226

Ion Ratio Lower Upper

50 100

52 31.4 27.3 40.9



#4

Vinyl Chloride

Concen: 41.329 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067696.D

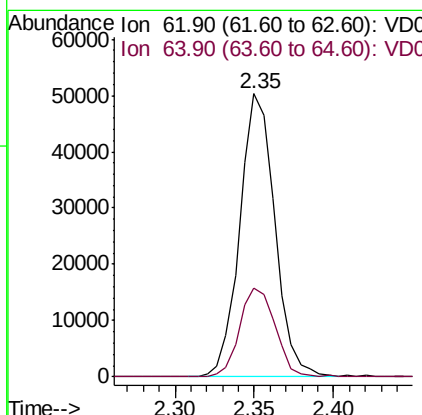
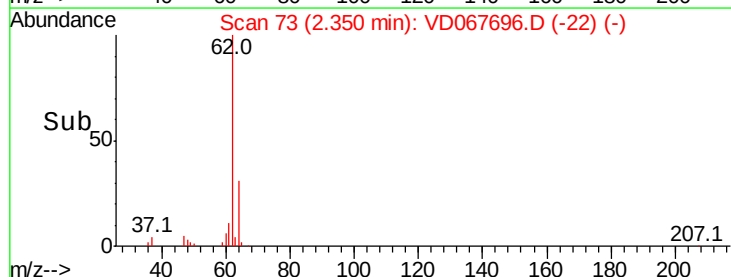
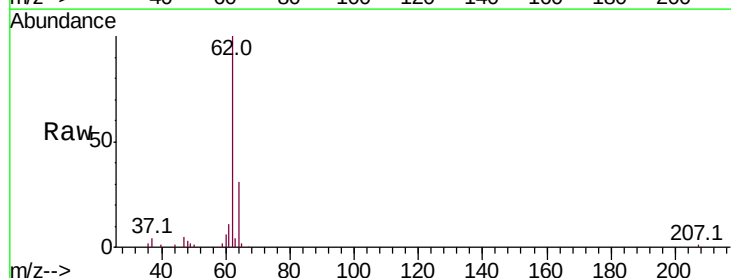
Acq: 18 Nov 2020 19:55

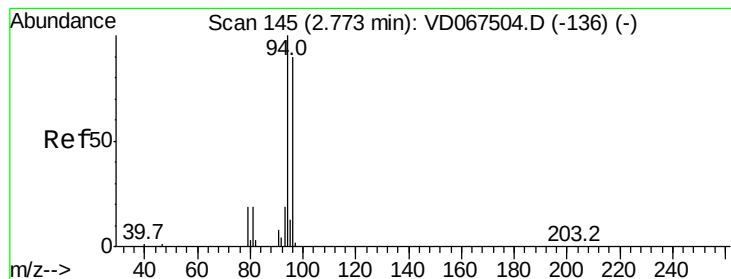
Tgt Ion: 62 Resp: 77307

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4





#5

Bromomethane

Concen: 45.801 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

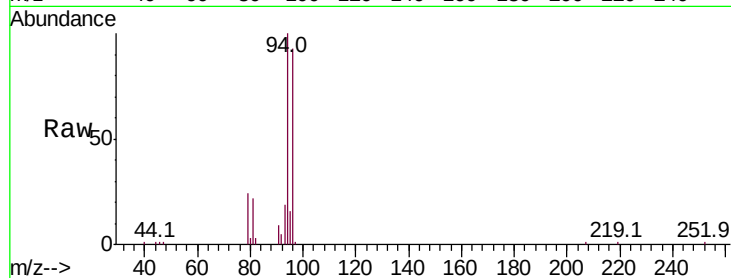
VSTDCCC050EC

Tot Ion: 94 Resp: 69439

Ion Ratio Lower Upper

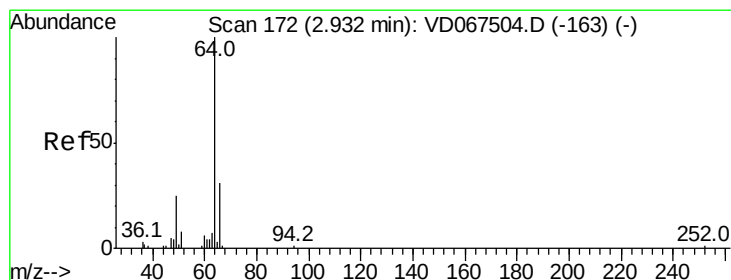
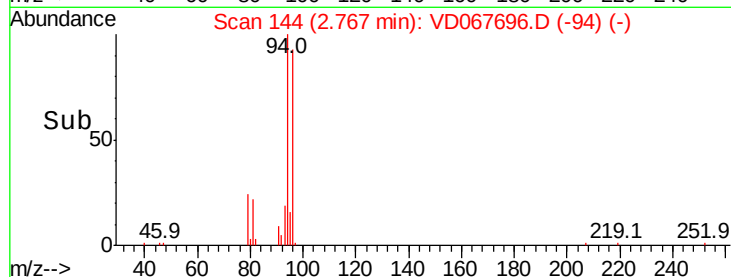
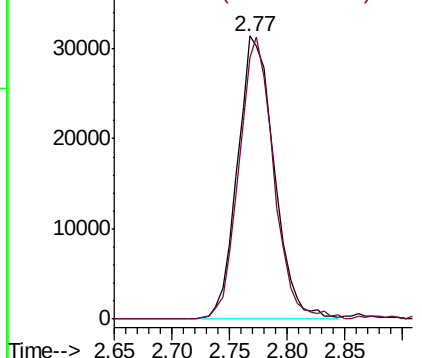
94 100

96 92.6 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.159 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067696.D

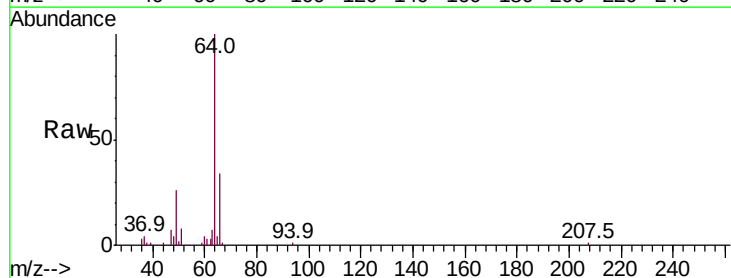
Acq: 18 Nov 2020 19:55

Tgt Ion: 64 Resp: 50925

Ion Ratio Lower Upper

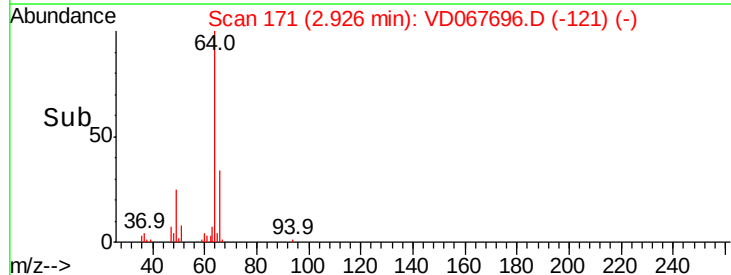
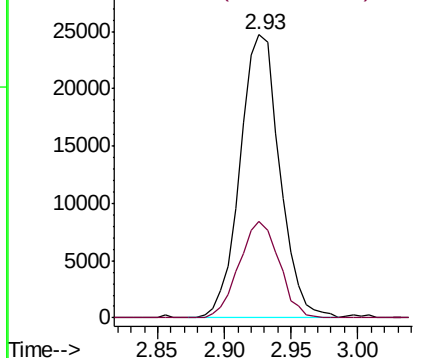
64 100

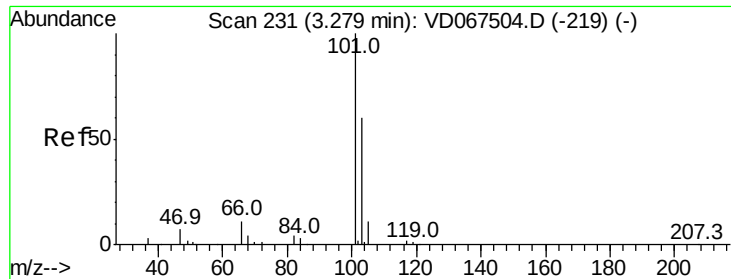
66 33.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



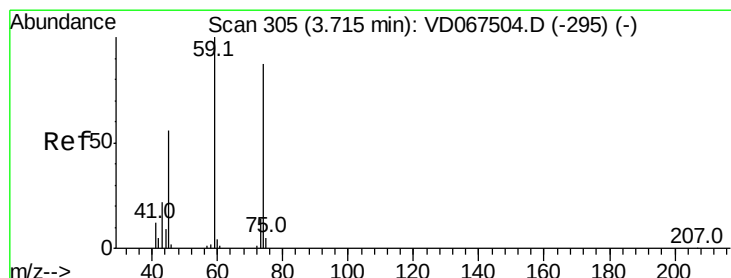
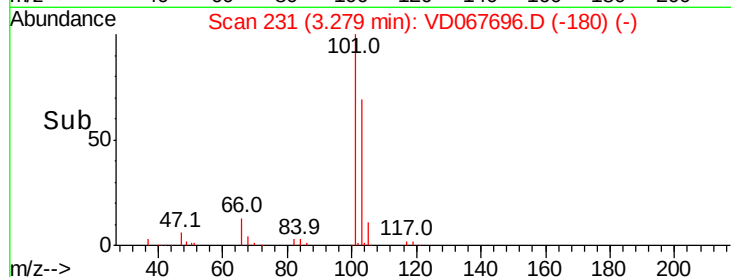
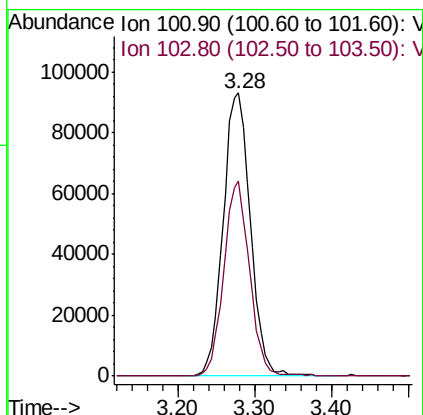
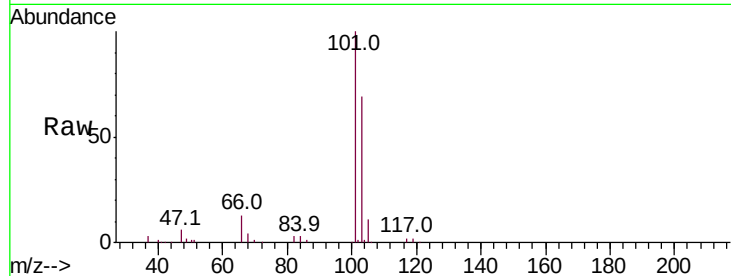


#7

Trichlorofluoromethane
Concen: 47.383 ug/l
RT: 3.28 min Scan# 231
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

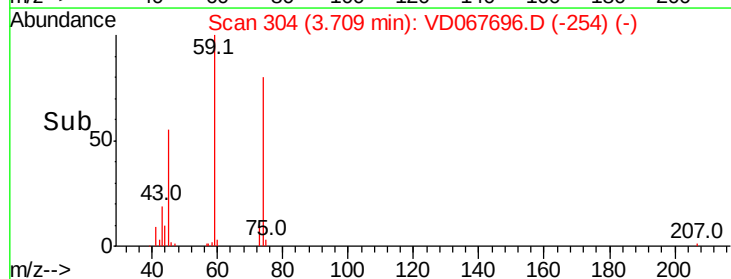
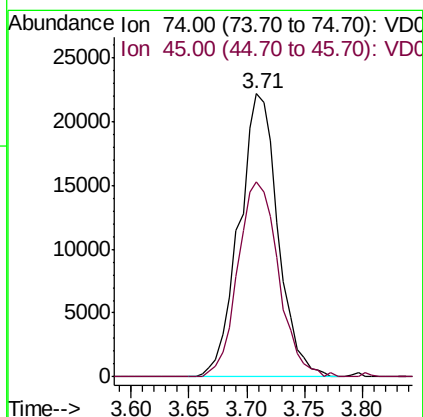
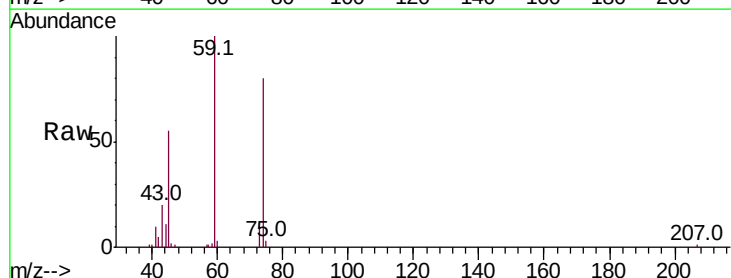
Tot Ion:101 Resp: 229487
Ion Ratio Lower Upper
101 100
103 68.7 48.1 72.1

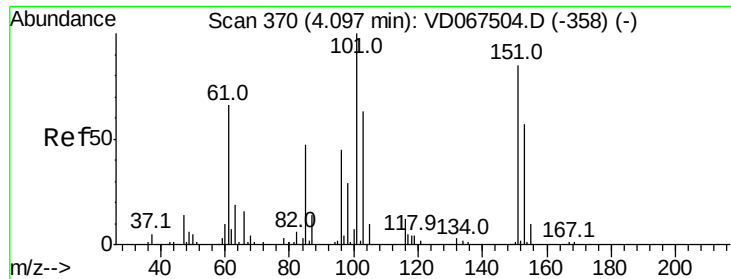


#8

Diethyl Ether
Concen: 53.152 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion: 74 Resp: 51872
Ion Ratio Lower Upper
74 100
45 72.0 38.2 114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.896 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

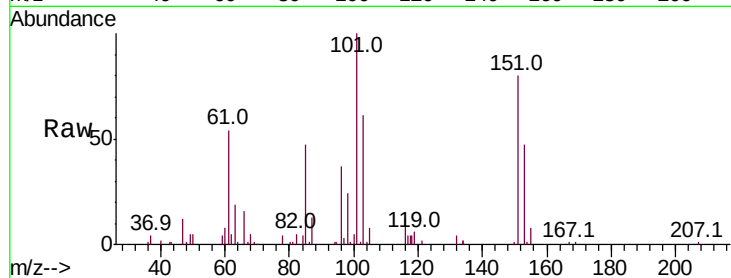
Tot Ion:101 Resp: 114649

Ion Ratio Lower Upper

101 100

85 43.1 34.4 51.6

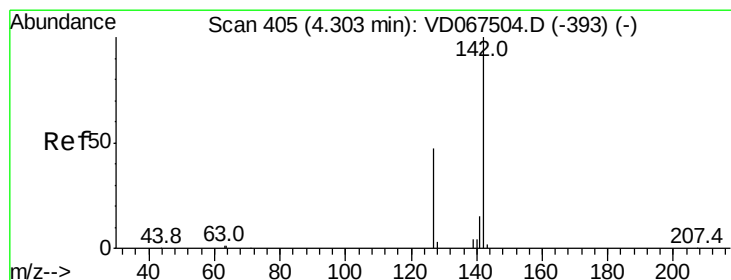
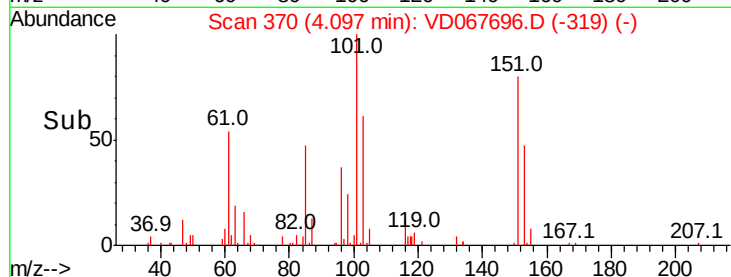
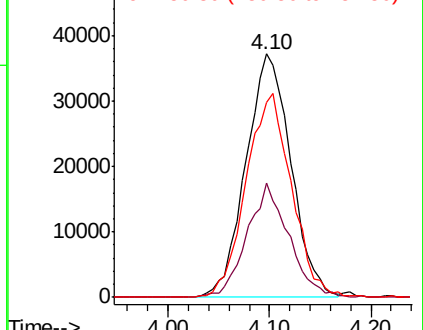
151 85.0 68.1 102.1



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: 45.289 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

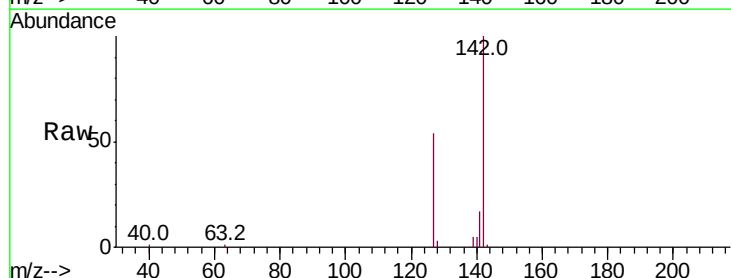
Tgt Ion:142 Resp: 118669

Ion Ratio Lower Upper

142 100

127 51.8 40.0 60.0

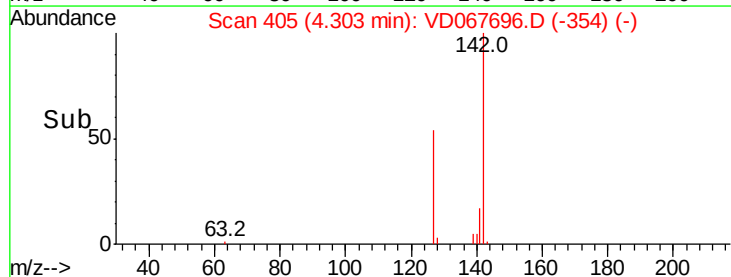
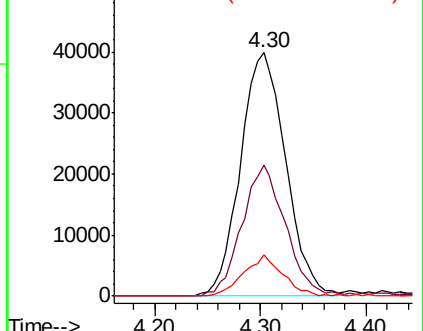
141 14.6 11.7 17.5

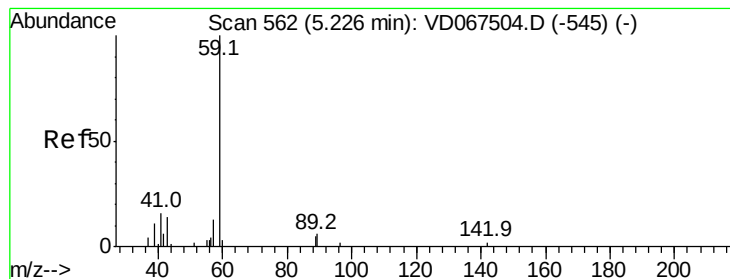


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



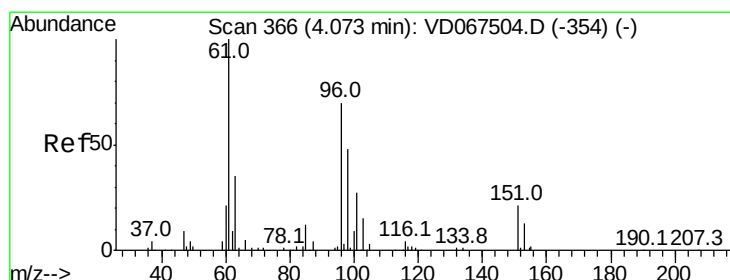
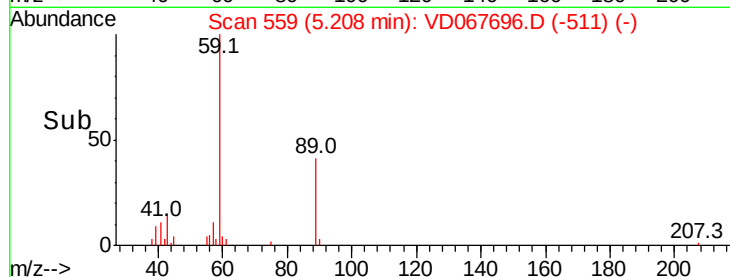
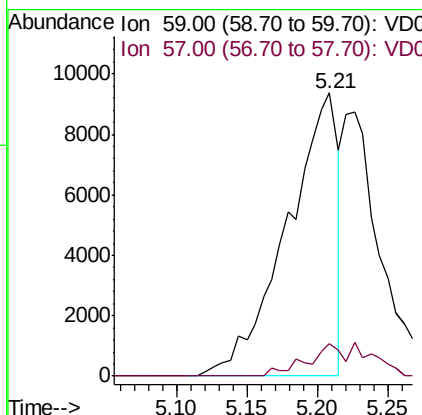
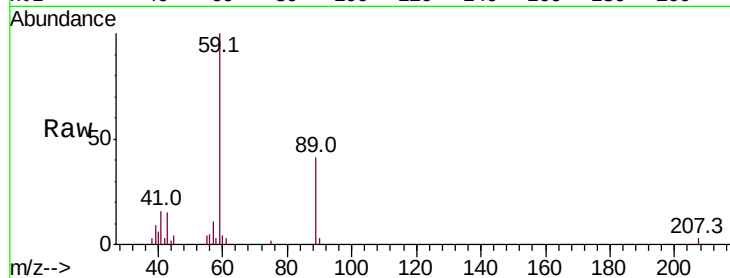


#11

Tert butyl alcohol
 Concen: 230.709 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

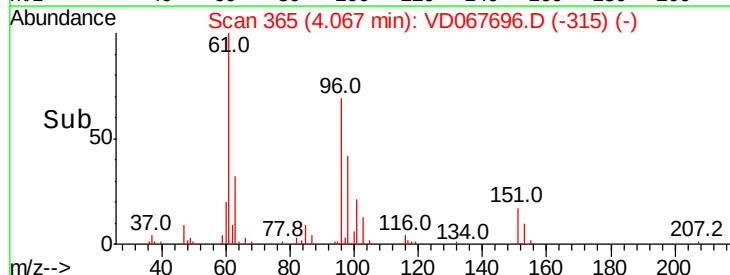
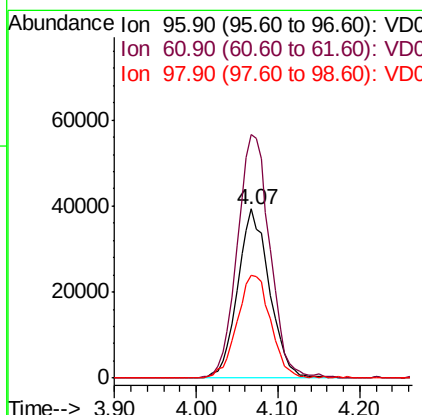
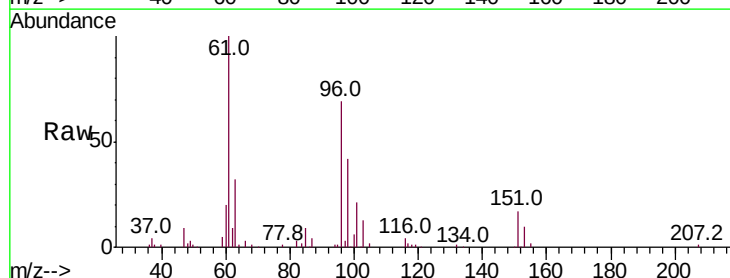
Tot Ion: 59 Resp: 23580
 Ion Ratio Lower Upper
 59 100
 57 7.9 5.9 8.9

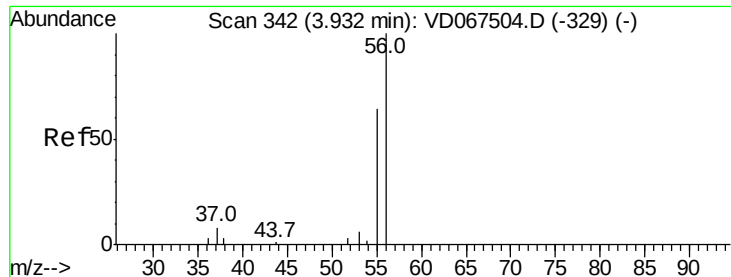


#12

1,1-Dichloroethene
 Concen: 47.356 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Tgt Ion: 96 Resp: 106491
 Ion Ratio Lower Upper
 96 100
 61 144.3 114.5 171.7
 98 60.7 54.5 81.7





#13

Acrolein

Concen: 228.024 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

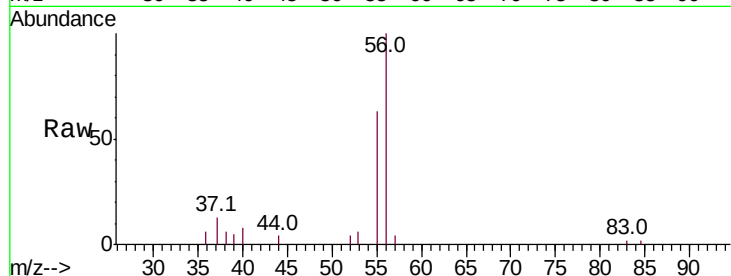
VSTDCCC050EC

Tot Ion: 56 Resp: 23549

Ion Ratio Lower Upper

56 100

55 65.7 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

10000

8000

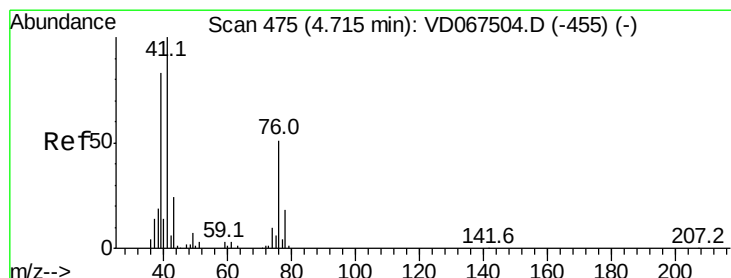
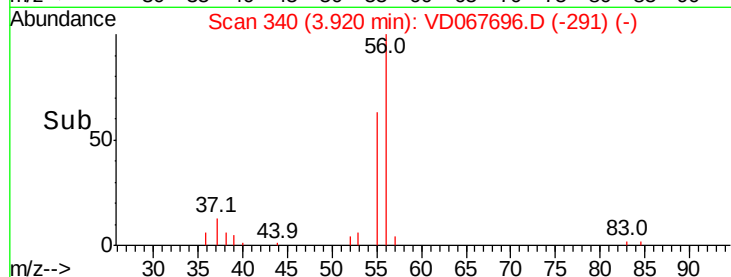
6000

4000

2000

0

Time--> 3.80 3.85 3.90 3.95 4.00



#14

Allyl chloride

Concen: 47.897 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

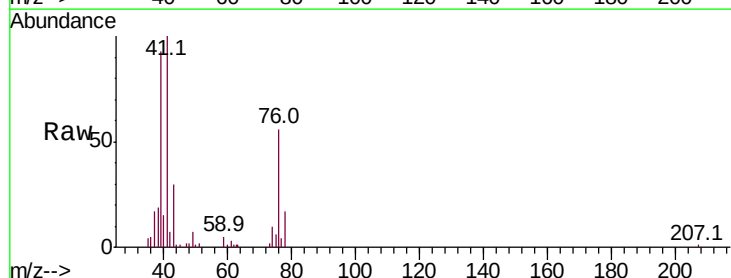
Tgt Ion: 41 Resp: 115273

Ion Ratio Lower Upper

41 100

39 87.7 67.4 101.0

76 55.5 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

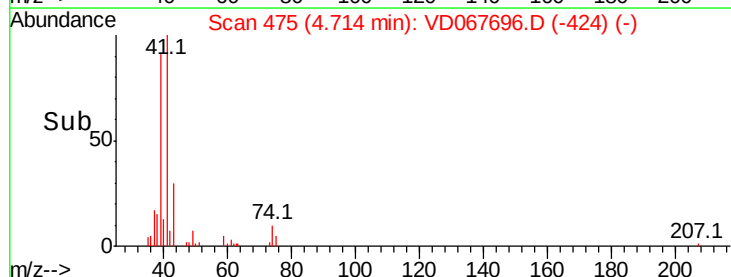
30000

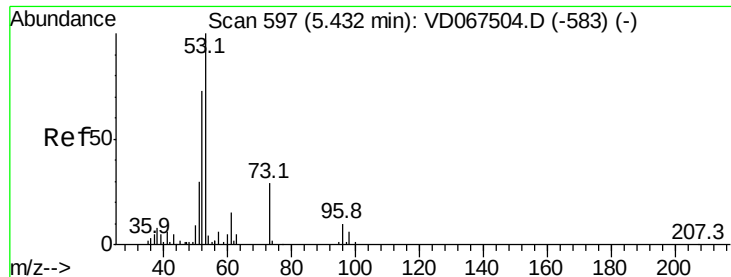
20000

10000

0

Time--> 4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 263.861 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.02 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

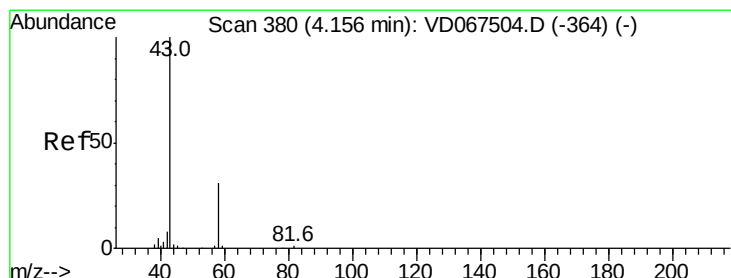
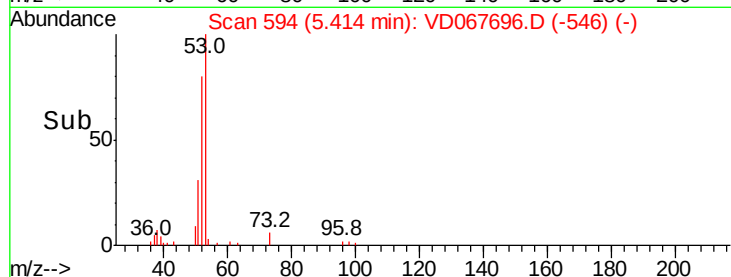
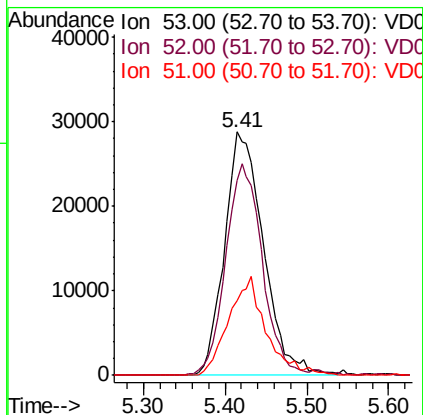
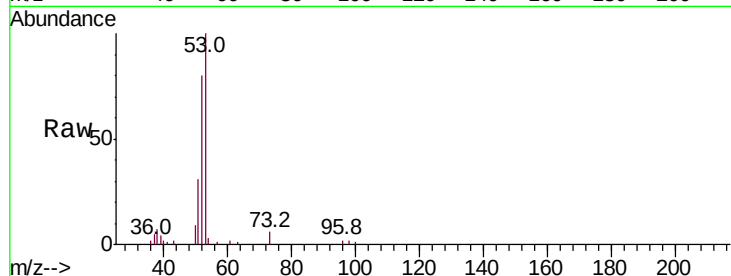
Tot Ion: 53 Resp: 95188

Ion Ratio Lower Upper

53 100

52 81.8 64.8 97.2

51 39.1 29.5 44.3



#16

Acetone

Concen: 242.934 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067696.D

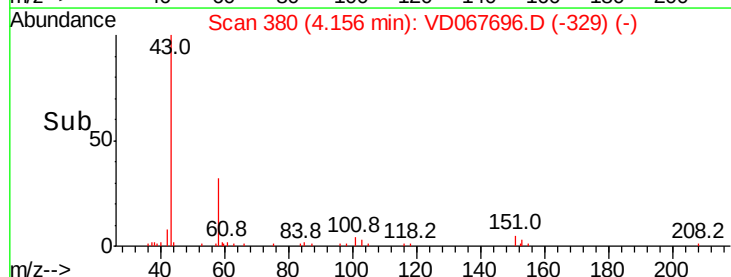
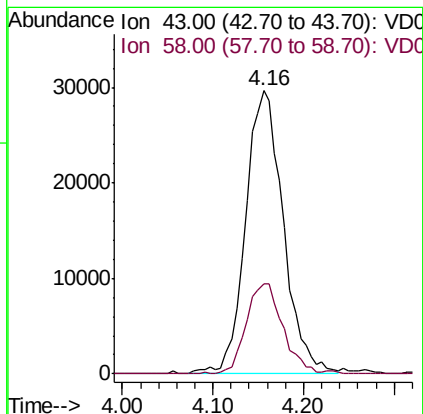
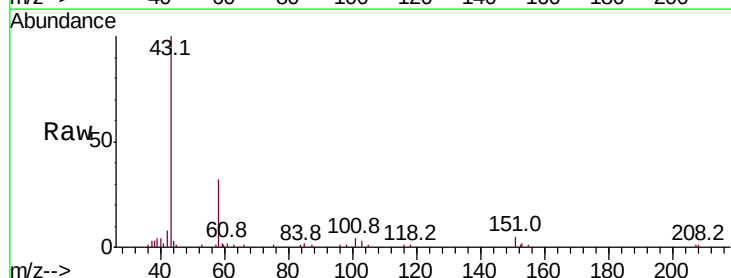
Acq: 18 Nov 2020 19:55

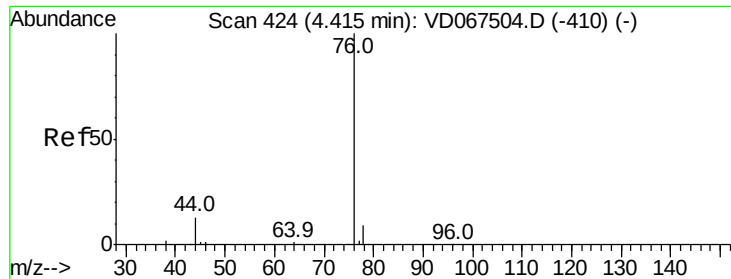
Tgt Ion: 43 Resp: 85642

Ion Ratio Lower Upper

43 100

58 31.7 25.2 37.8

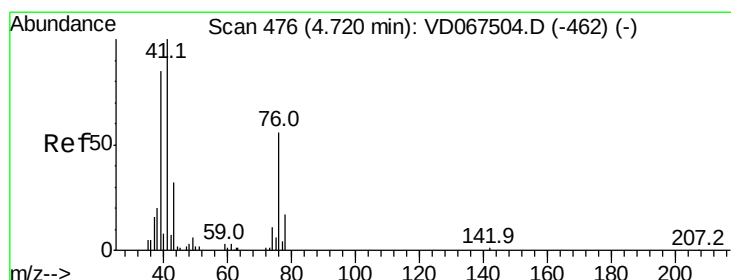
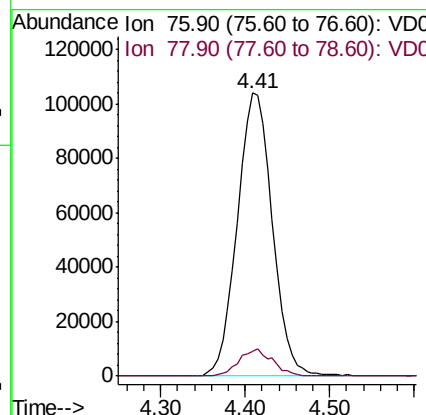
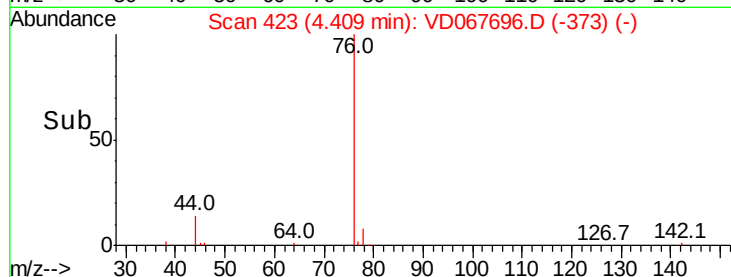
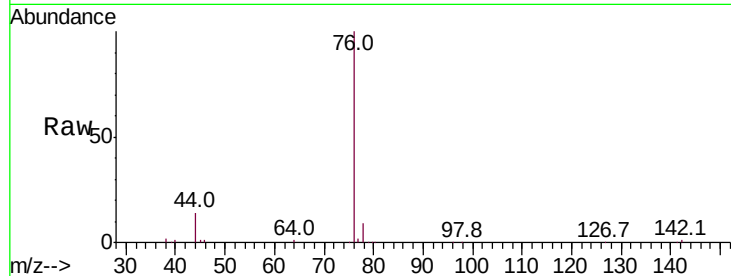




#17
Carbon Disulfide
Concen: 43.330 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

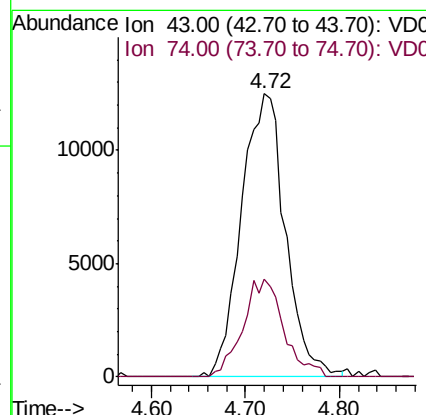
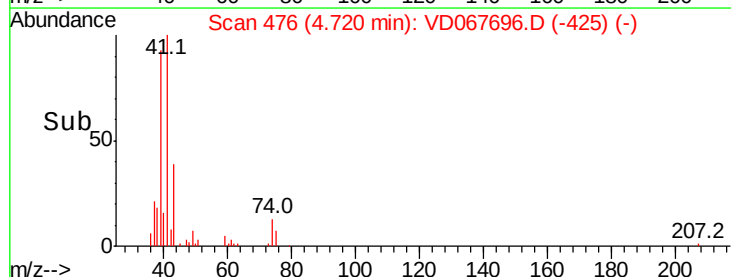
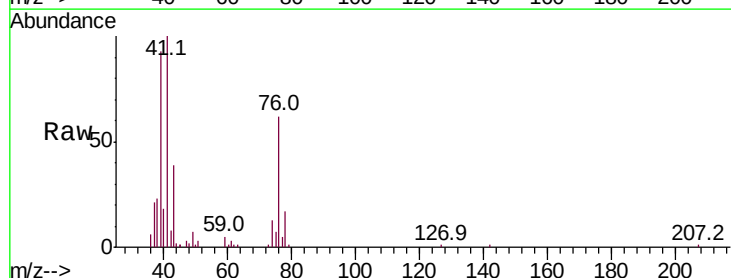
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

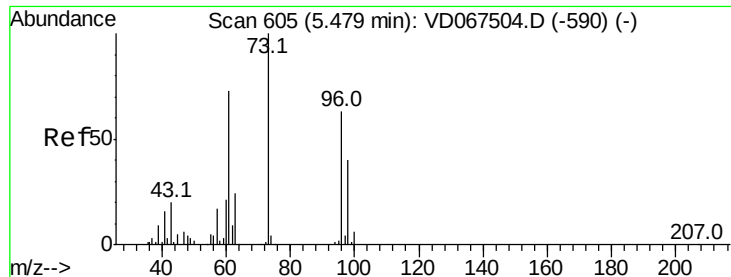
Tot Ion: 76 Resp: 298578
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 55.535 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion: 43 Resp: 40457
Ion Ratio Lower Upper
43 100
74 32.1 27.2 40.8

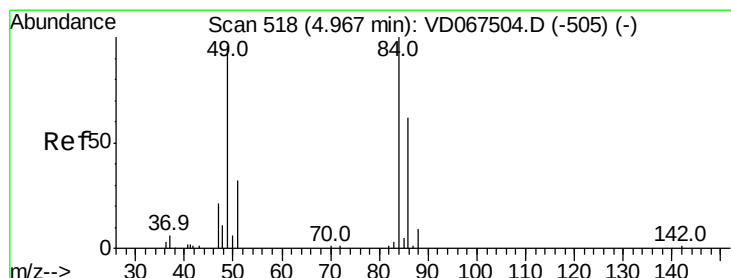
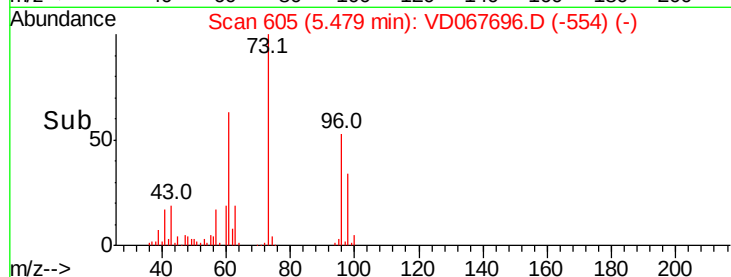
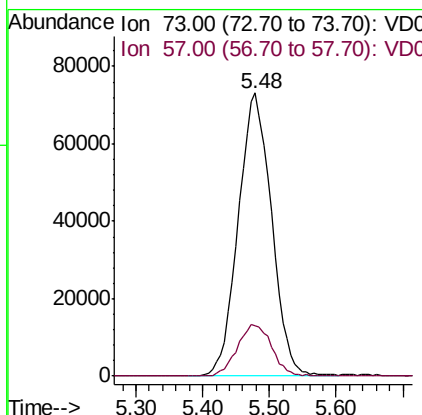
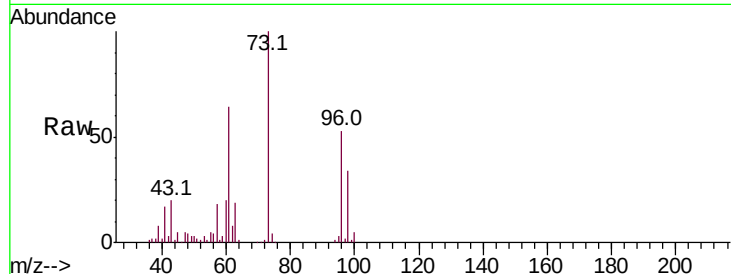




#19
Methvl tert-butvl Ether
Concen: 56.790 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

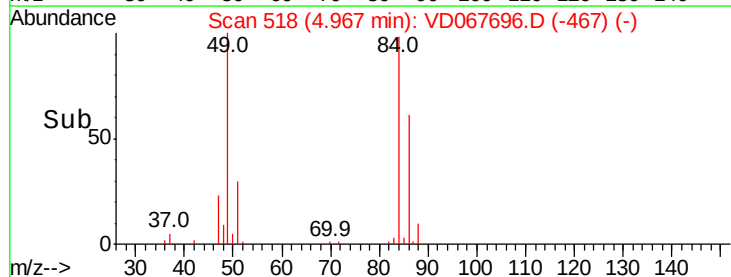
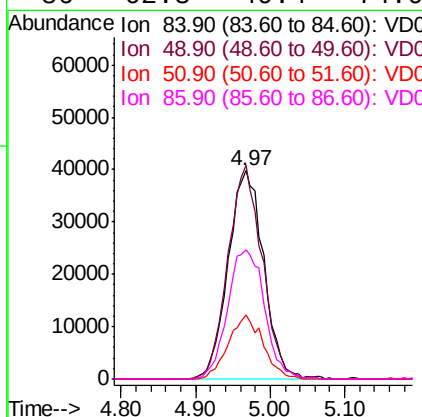
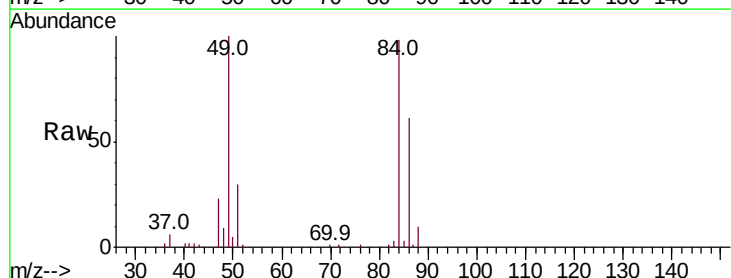
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

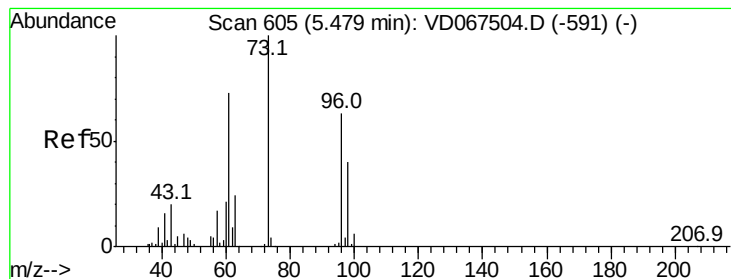
Tot Ion: 73 Resp: 251900
Ion Ratio Lower Upper
73 100
57 17.7 13.4 20.0



#20
Methylene Chloride
Concen: 52.783 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion: 84 Resp: 131443
Ion Ratio Lower Upper
84 100
49 102.5 77.0 115.4
51 30.9 25.4 38.2
86 62.3 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 48.515 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

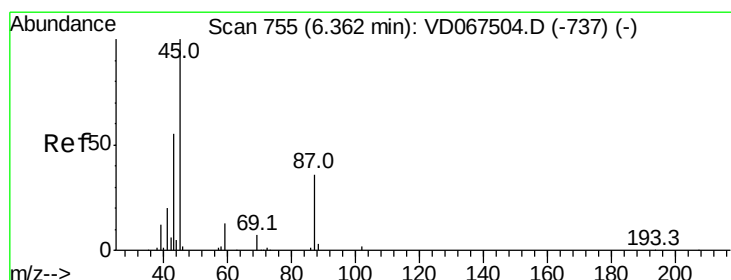
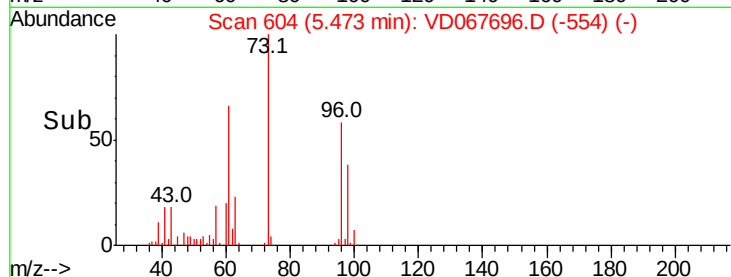
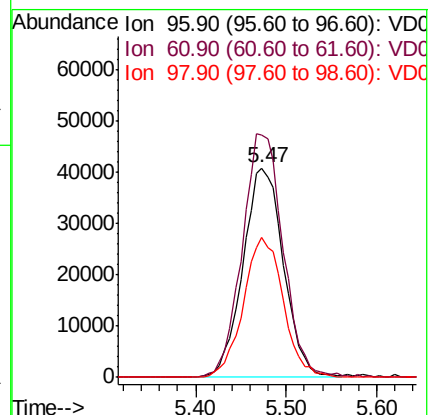
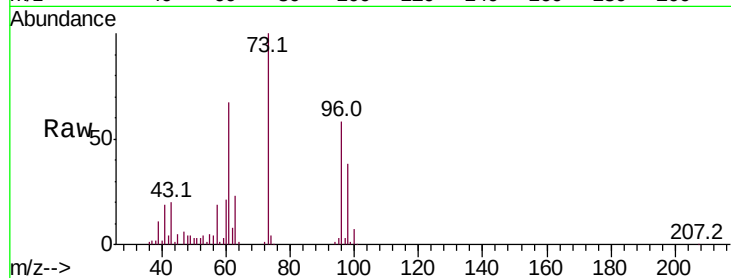
Tot Ion: 96 Resp: 127069

Ion Ratio Lower Upper

96 100

61 115.6 93.0 139.6

98 66.6 50.9 76.3



#22

Diisopropyl ether

Concen: 52.060 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Tgt Ion: 45 Resp: 244161

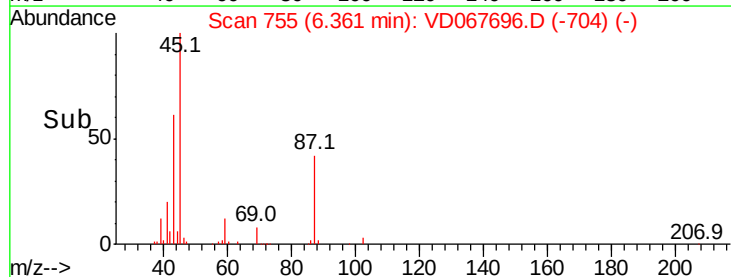
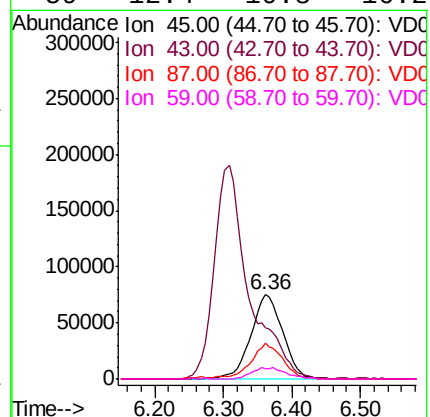
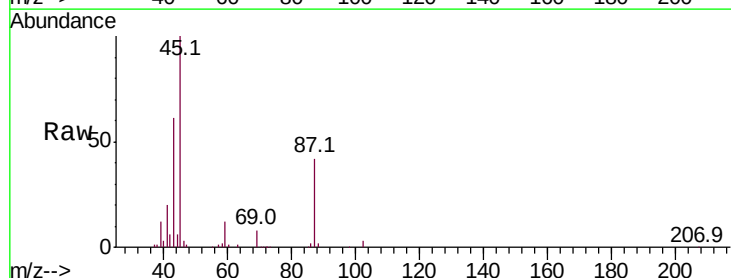
Ion Ratio Lower Upper

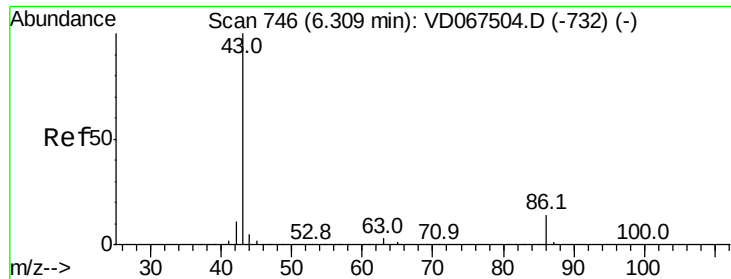
45 100

43 60.1 46.2 69.4

87 42.2 29.4 44.2

59 12.4 10.8 16.2





#23

Vinyl Acetate

Concen: 272.340 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

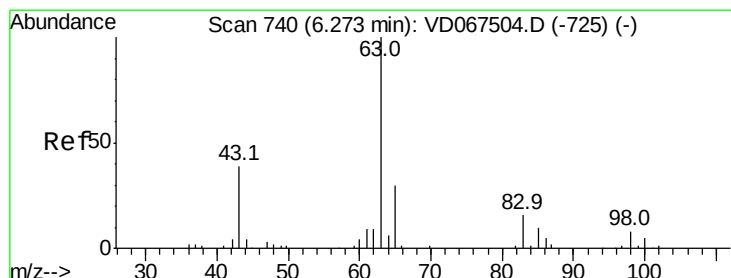
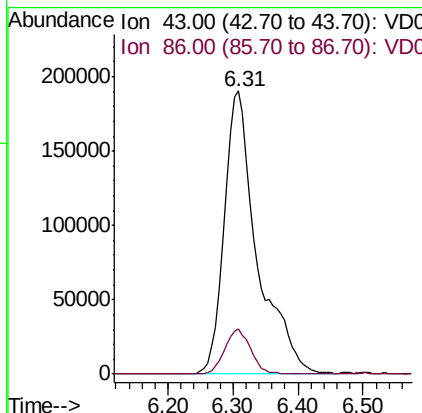
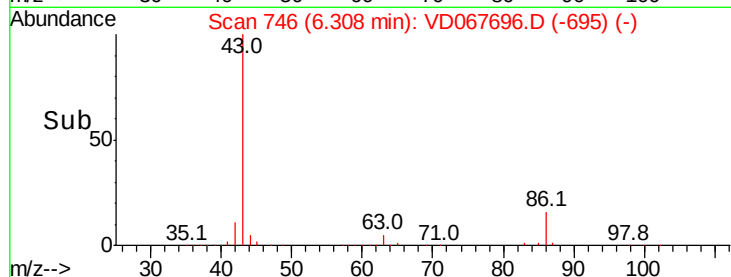
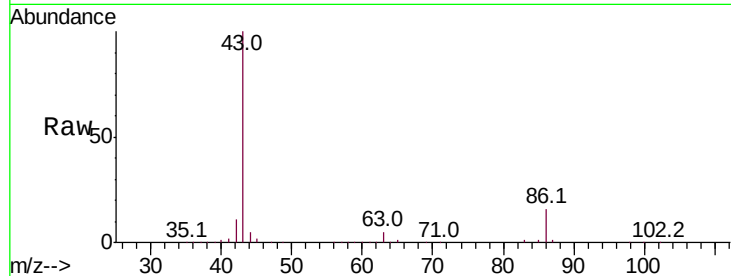
VSTDCCC050EC

Tot Ion: 43 Resp: 668592

Ion Ratio Lower Upper

43 100

86 15.9 11.6 17.4



#24

1,1-Dichloroethane

Concen: 50.865 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

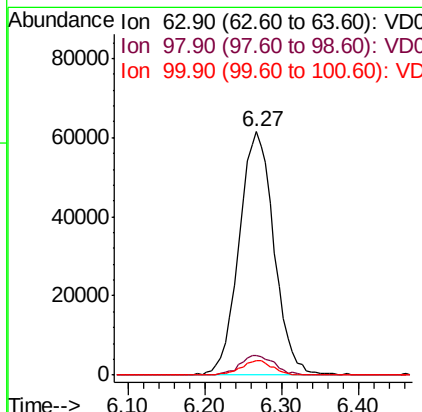
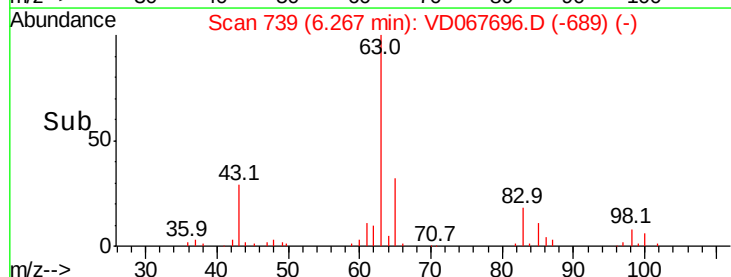
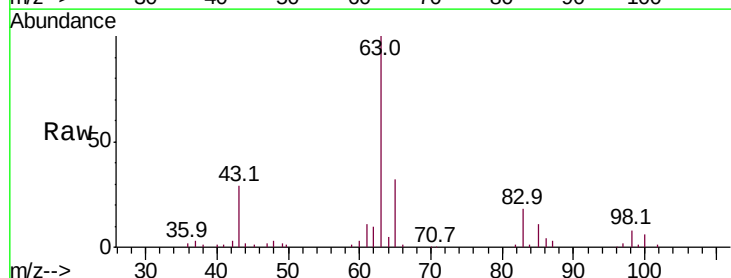
Tgt Ion: 63 Resp: 195160

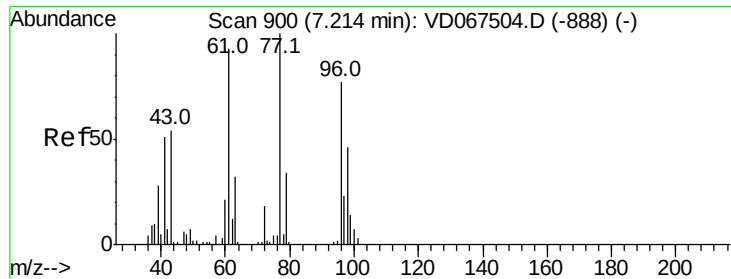
Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.5

100 5.9 2.6 7.8

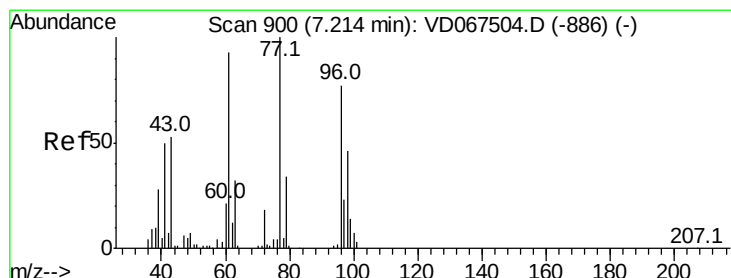
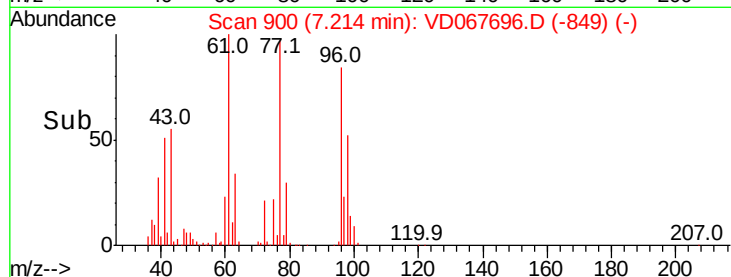
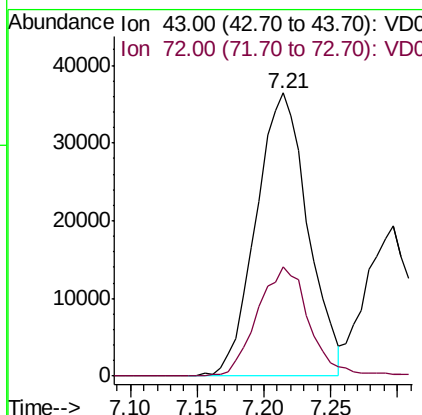
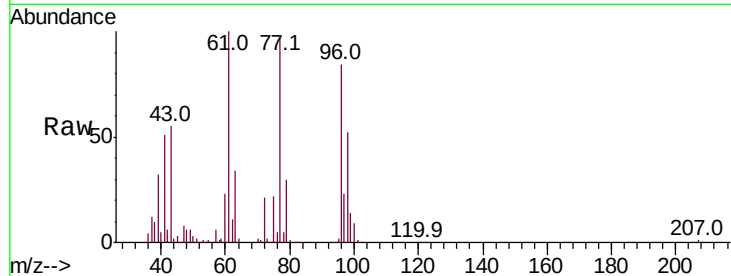




#25
2-Butanone
Concen: 260.793 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

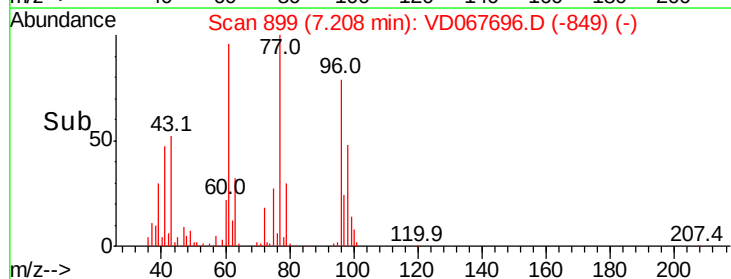
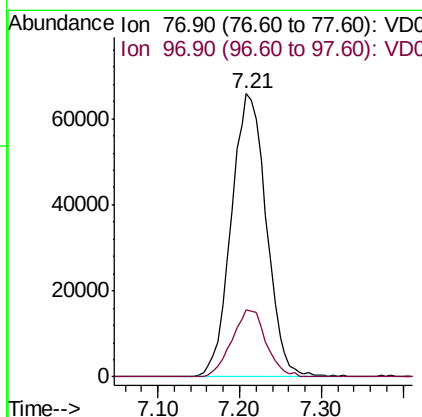
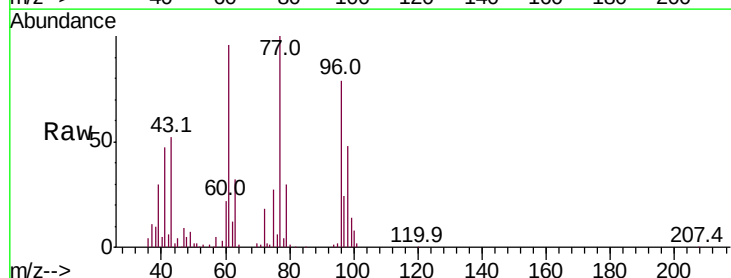
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

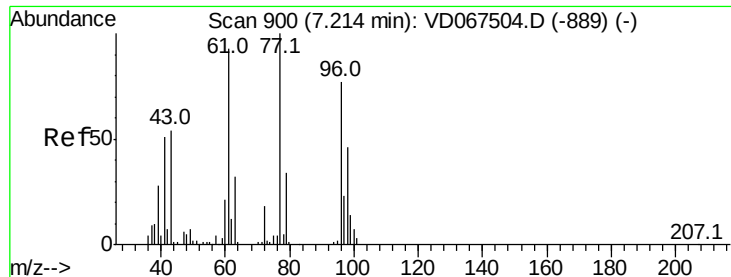
Tot Ion: 43 Resp: 98238
Ion Ratio Lower Upper
43 100
72 38.7 26.4 39.6



#26
2,2-Dichloropropane
Concen: 48.532 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion: 77 Resp: 196524
Ion Ratio Lower Upper
77 100
97 23.1 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 52.839 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

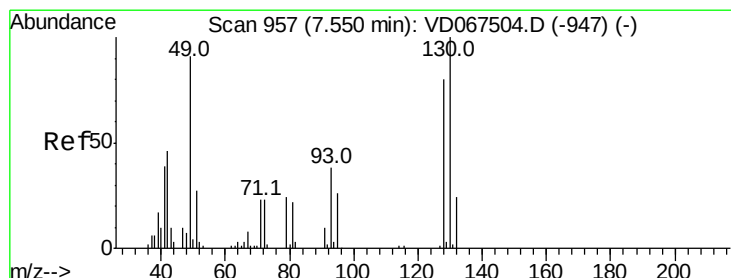
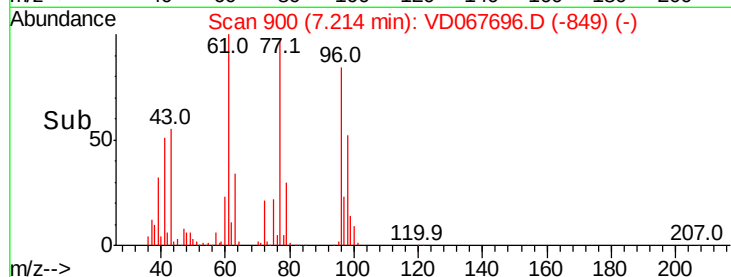
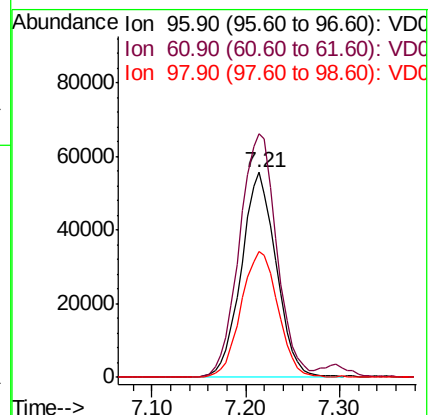
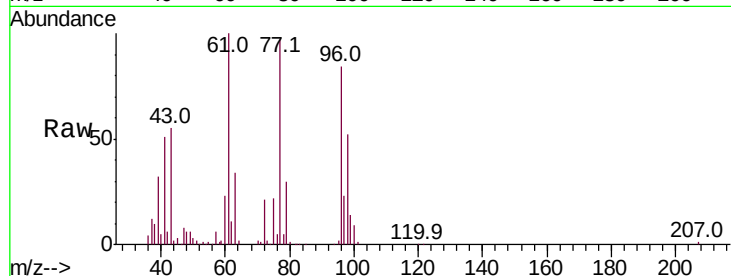
Tot Ion: 96 Resp: 143647

Ion Ratio Lower Upper

96 100

61 127.0 0.0 251.6

98 64.9 0.0 128.0



#28

Bromochloromethane

Concen: 52.684 ug/l

RT: 7.55 min Scan# 957

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

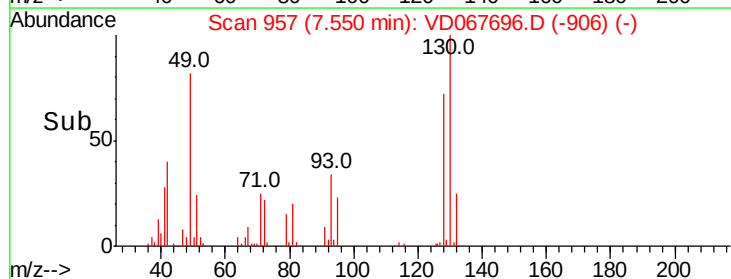
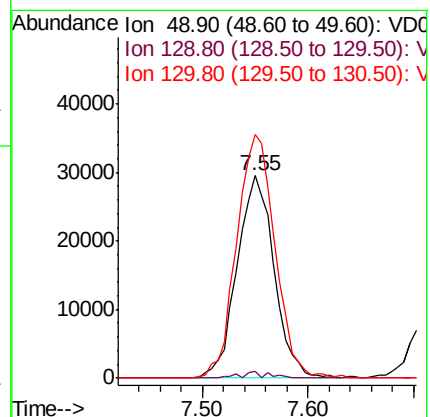
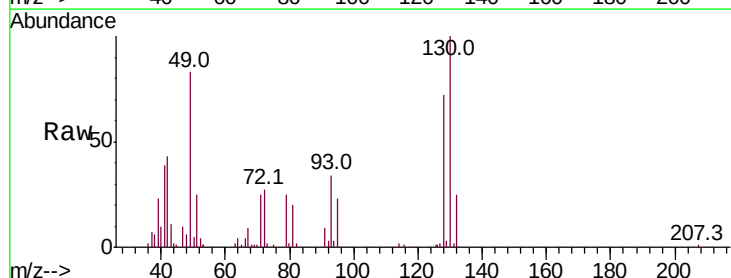
Tgt Ion: 49 Resp: 71902

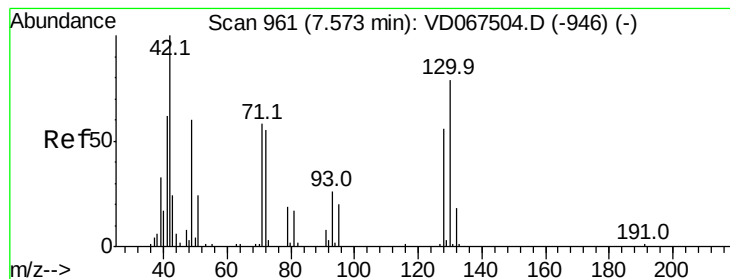
Ion Ratio Lower Upper

49 100

129 1.5 0.0 6.4

130 124.3 94.6 142.0





#29

Tetrahydrofuran

Concen: 268.850 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

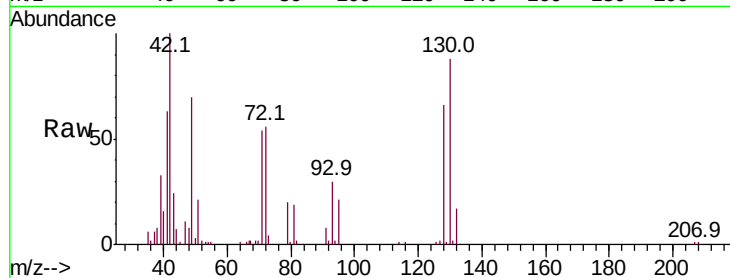
Tot Ion: 42 Resp: 60663

Ion Ratio Lower Upper

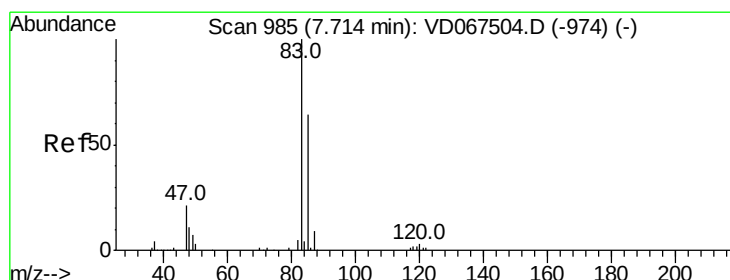
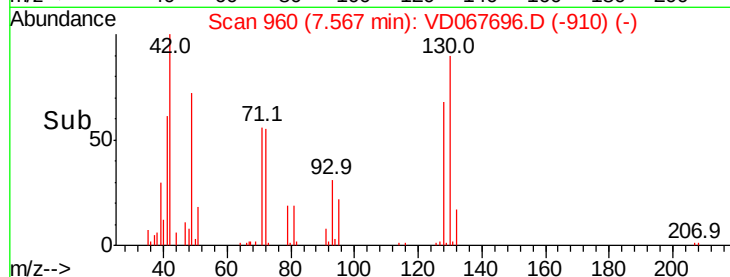
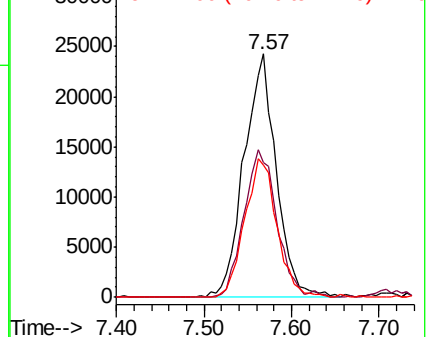
42 100

72 61.3 46.3 69.5

71 56.7 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: 53.345 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD067696.D

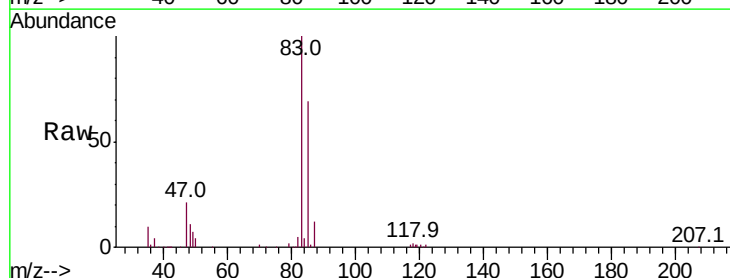
Acq: 18 Nov 2020 19:55

Tgt Ion: 83 Resp: 244179

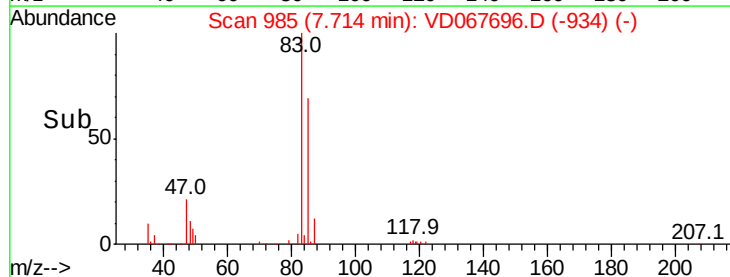
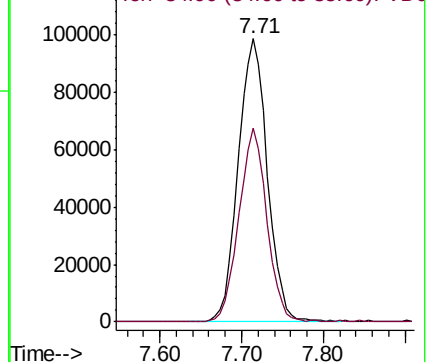
Ion Ratio Lower Upper

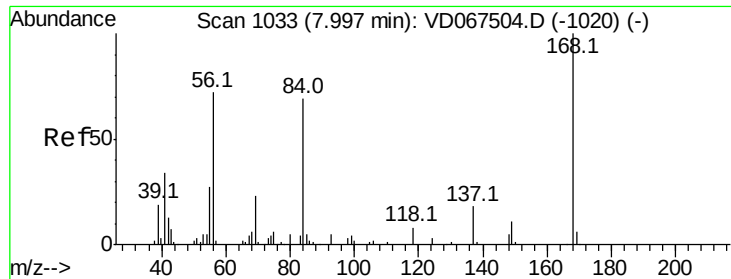
83 100

85 68.7 51.5 77.3



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

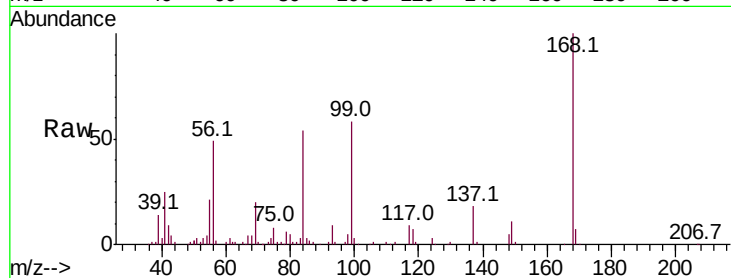




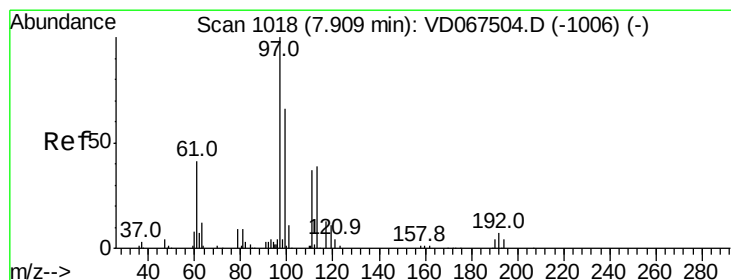
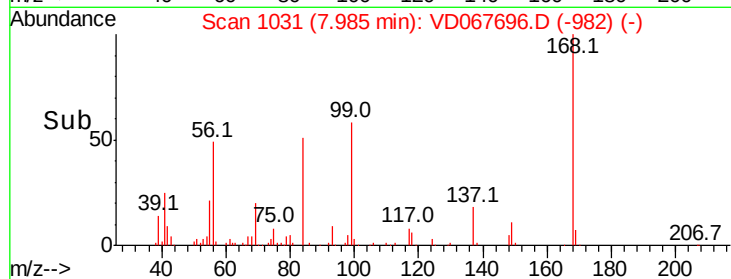
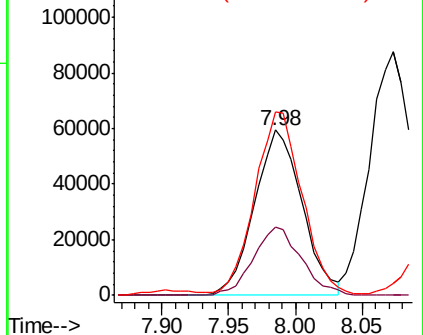
#31
Cyclohexane
Concen: 43.250 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 147776
Ion Ratio Lower Upper
56 100
69 41.3 25.9 38.9#
84 108.7 76.2 114.4

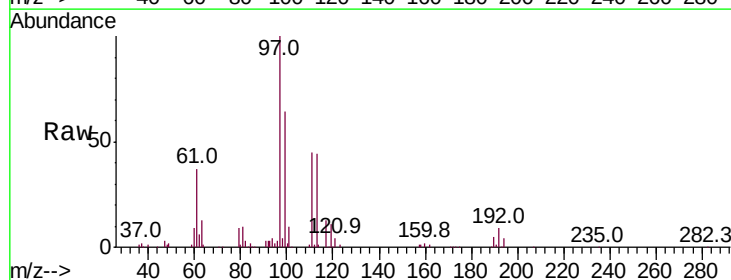


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

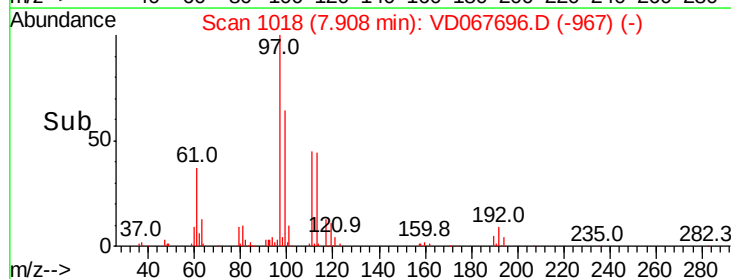
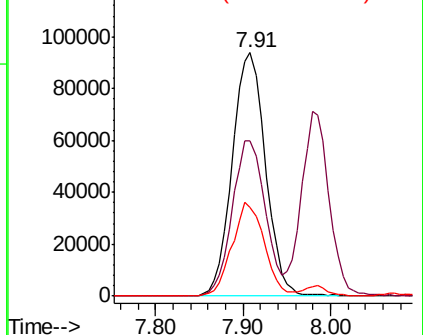


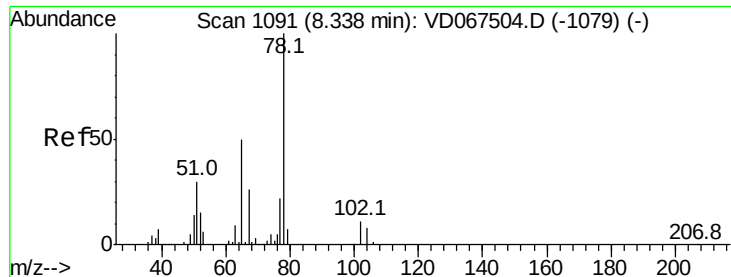
#32
1,1,1-Trichloroethane
Concen: 51.135 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion: 97 Resp: 241500
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.6
61 37.3 30.5 45.7



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





#33

1,2-Dichloroethane-d4

Concen: 50.042 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

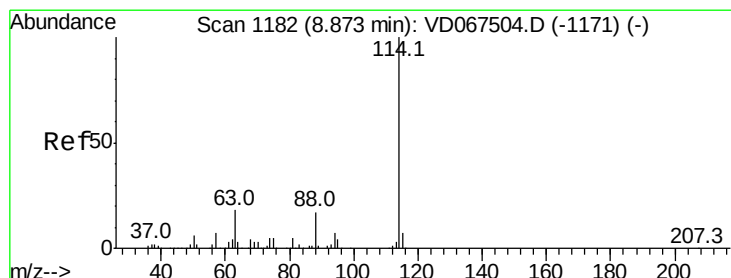
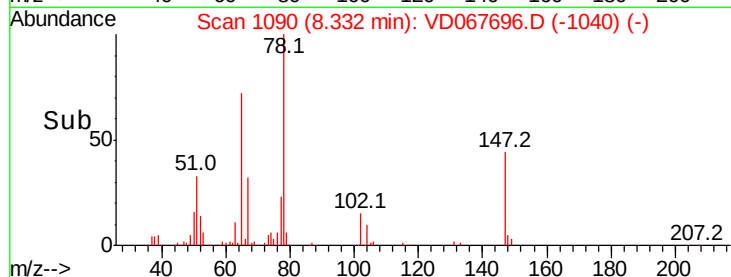
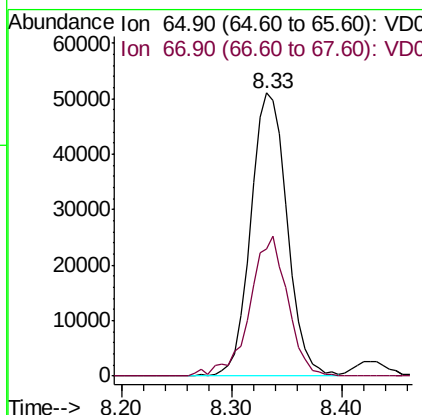
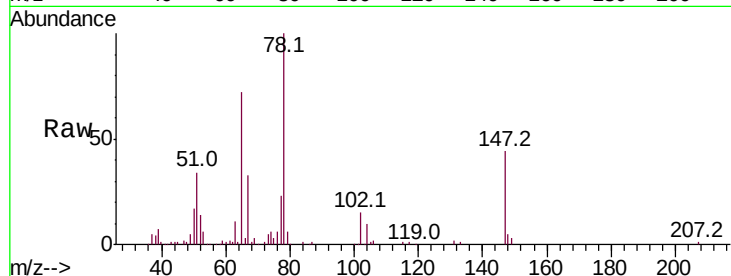
Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 65 Resp: 117888

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

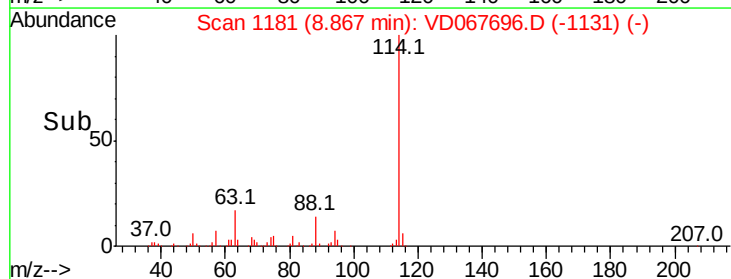
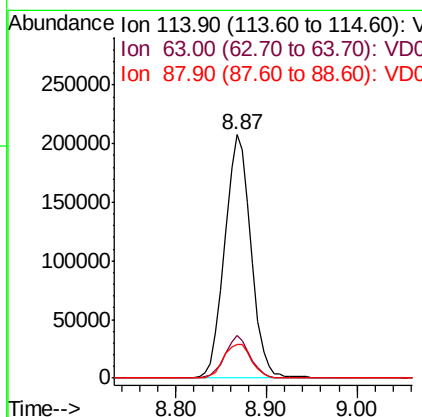
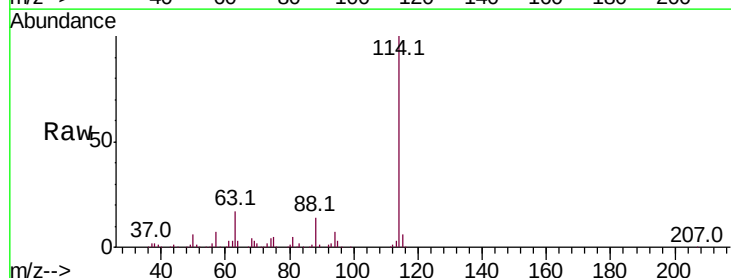
Delta R.T. -0.01 min

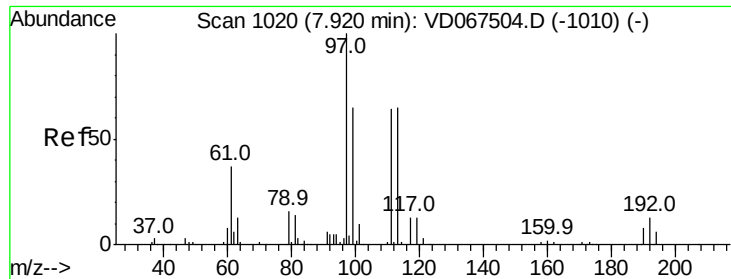
Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Tgt Ion: 114 Resp: 418113

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	35.0
88	13.7	0.0	33.0

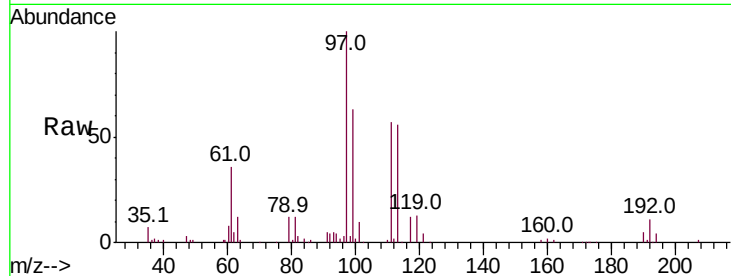




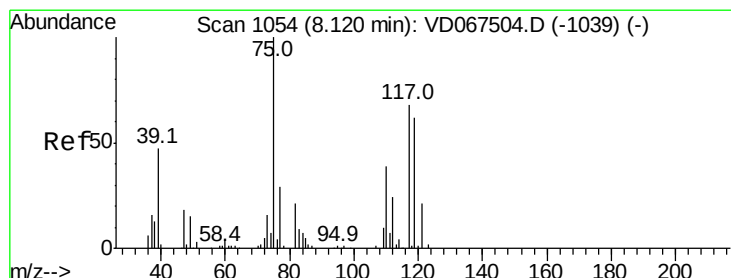
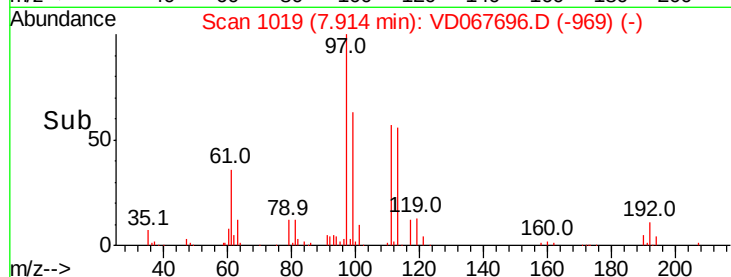
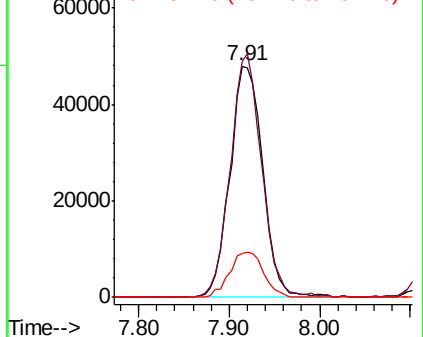
#35
 Dibromofluoromethane
 Concen: 47.768 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 120334
 Ion Ratio Lower Upper
 113 100
 111 101.1 80.0 120.0
 192 20.3 16.3 24.5

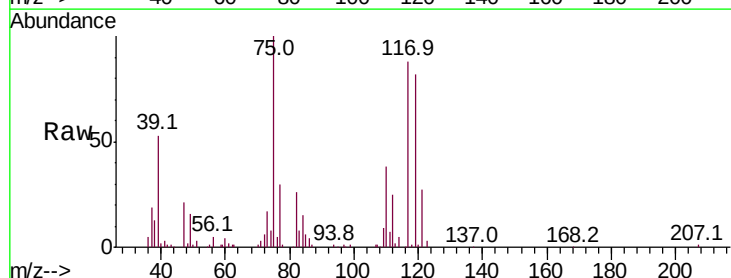


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

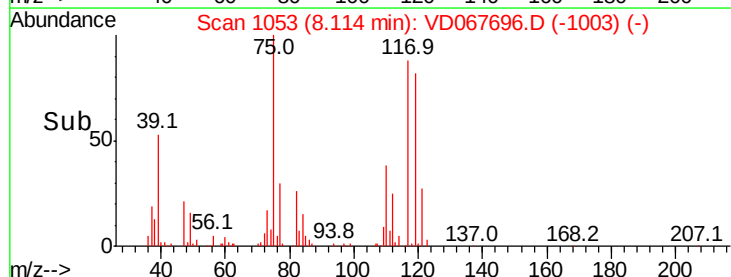
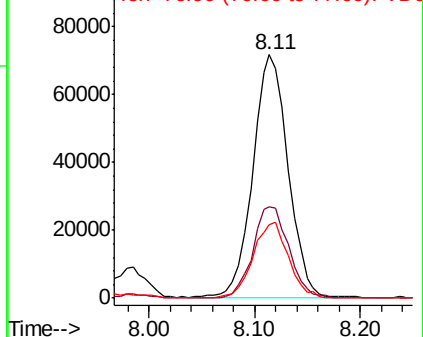


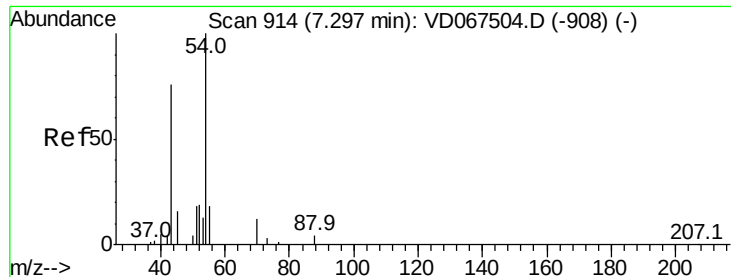
#36
 1,1-Dichloropropene
 Concen: 46.743 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Tgt Ion: 75 Resp: 167293
 Ion Ratio Lower Upper
 75 100
 110 38.3 19.9 59.7
 77 31.1 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

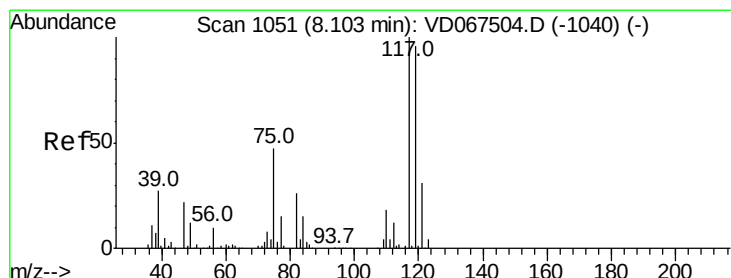
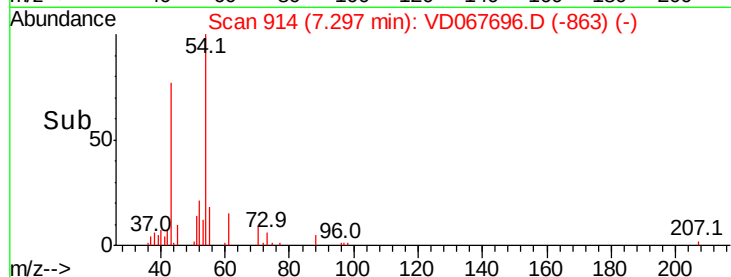
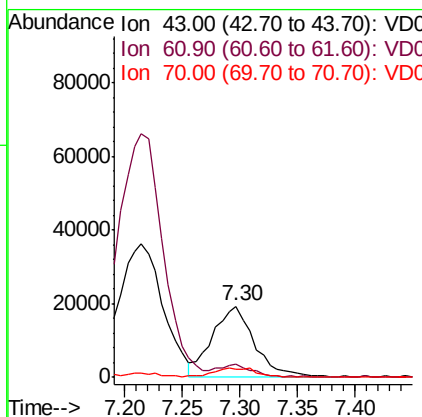
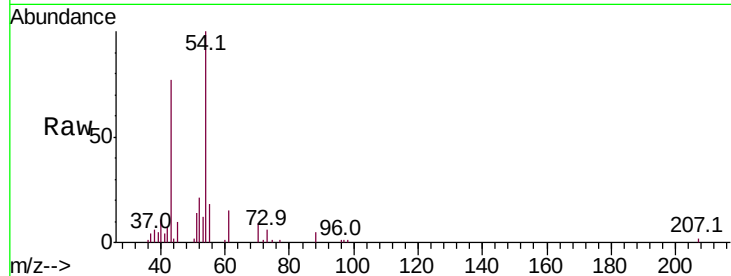




#37
Ethyl Acetate
Concen: 51.660 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

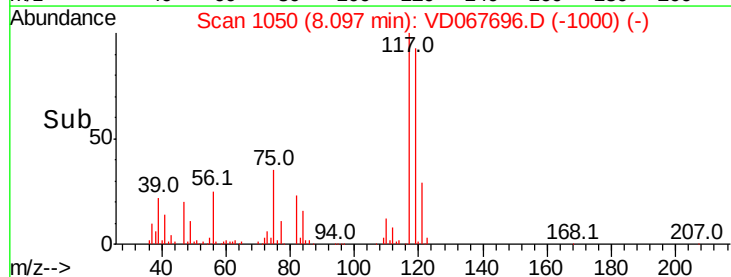
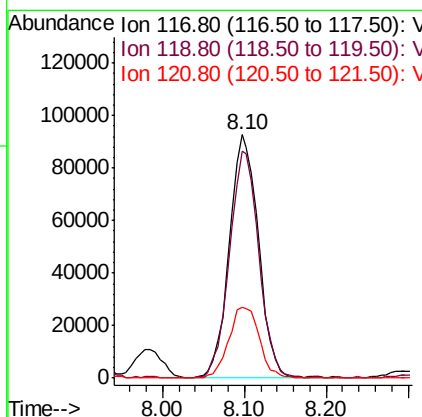
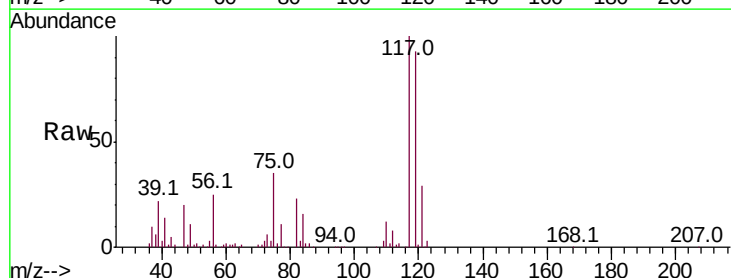
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

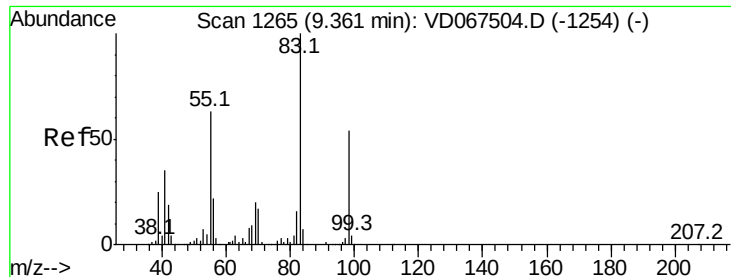
Tot Ion: 43 Resp: 48001
Ion Ratio Lower Upper
43 100
61 13.8 12.8 19.2
70 14.2 11.7 17.5



#38
Carbon Tetrachloride
Concen: 49.538 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion: 117 Resp: 230354
Ion Ratio Lower Upper
117 100
119 93.0 76.9 115.3
121 29.2 24.5 36.7

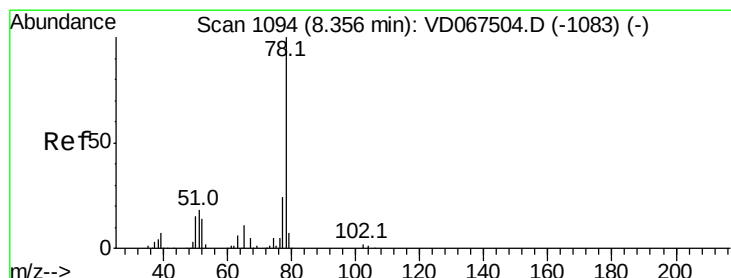
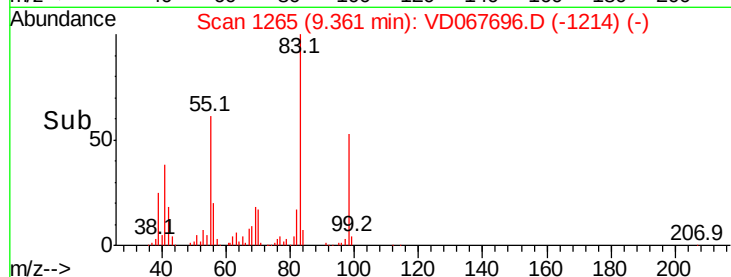
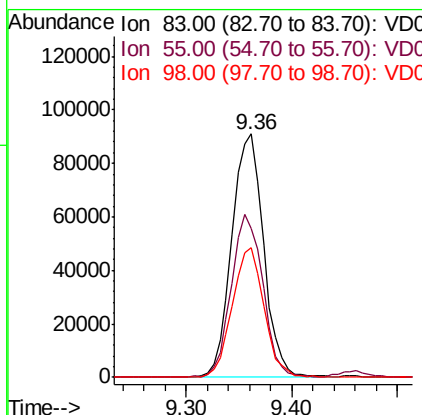
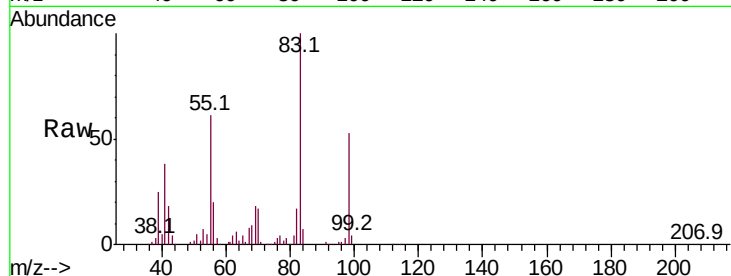




#39
Methylvlcyclohexane
Concen: 45.084 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

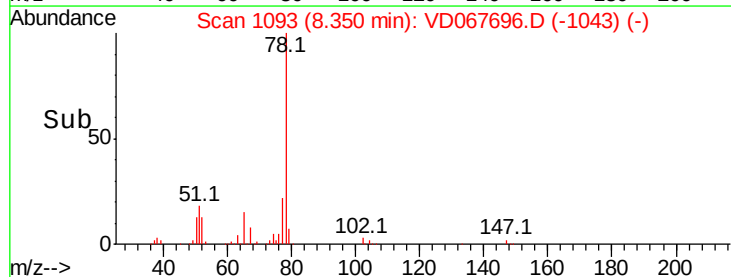
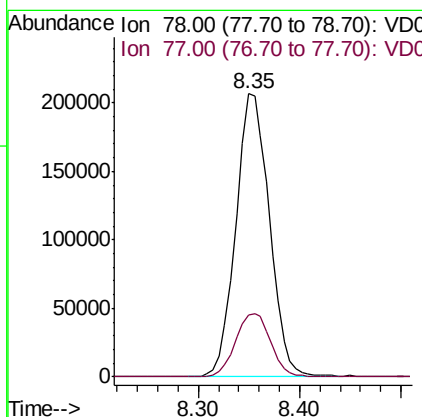
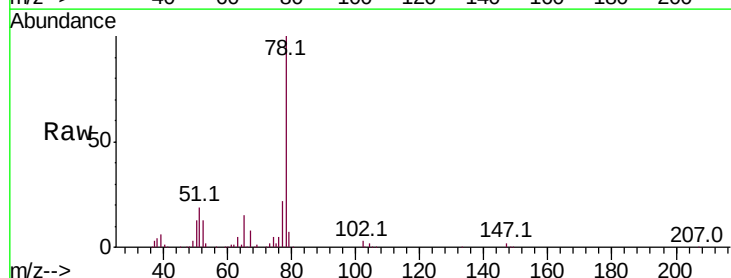
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

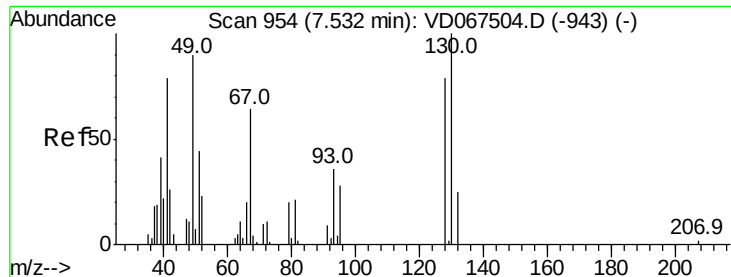
Tot Ion	83	Resp	189912
Ion Ratio	Lower	Upper	
83	100		
55	61.1	50.5	75.7
98	53.1	43.4	65.0



#40
Benzene
Concen: 49.121 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	78	Resp	476206
Ion Ratio	Lower	Upper	
78	100		
77	21.8	19.1	28.7





#41

Methacrylonitrile

Concen: 49.193 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 27322

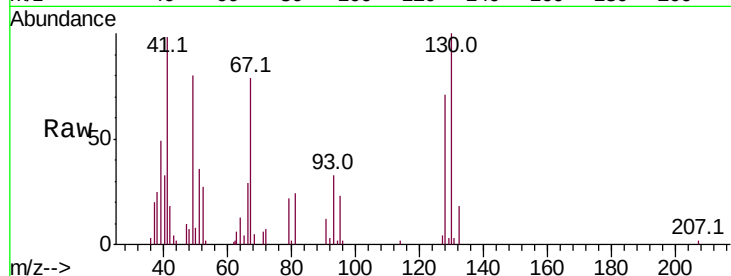
Ion Ratio Lower Upper

41 100

39 0.0 51.3 76.9#

67 98.4 78.9 118.3

52 39.8 31.4 47.2

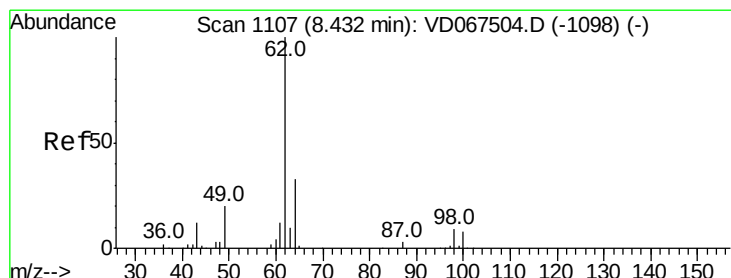
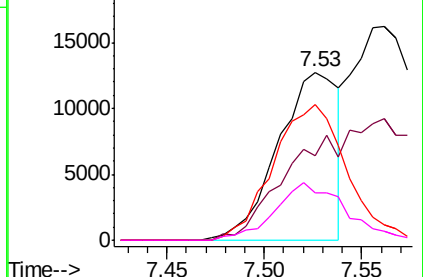
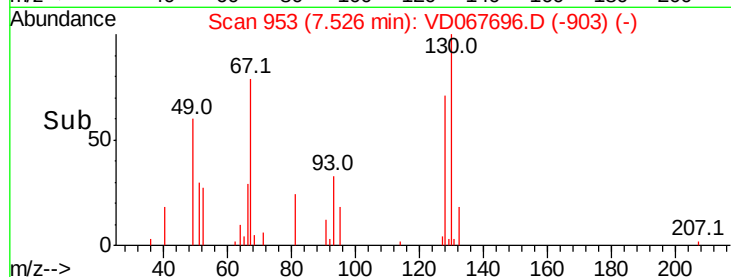


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 52.088 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VD067696.D

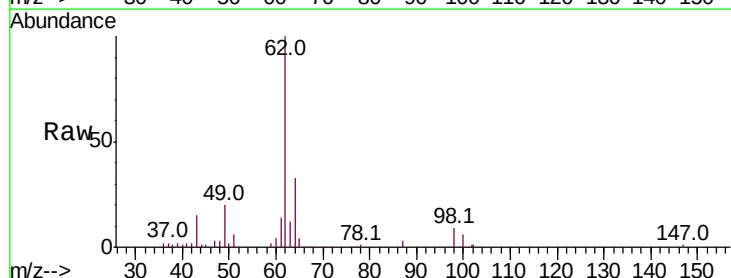
Acq: 18 Nov 2020 19:55

Tgt Ion: 62 Resp: 156021

Ion Ratio Lower Upper

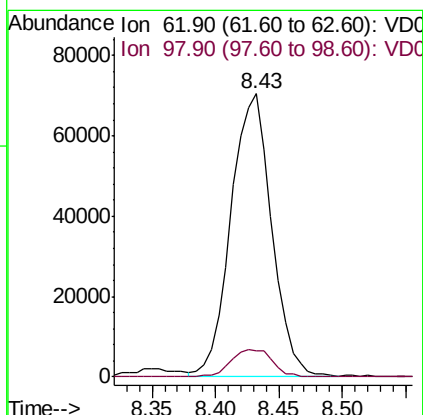
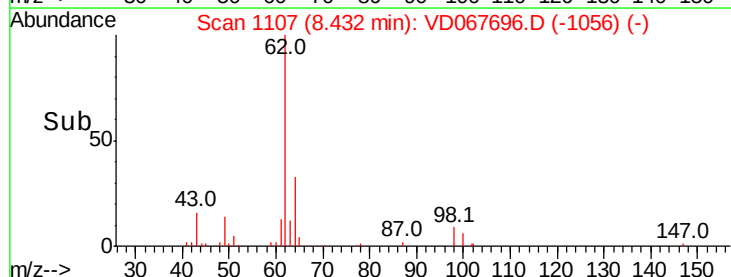
62 100

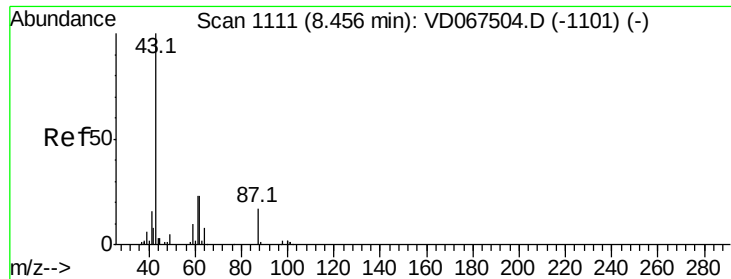
98 9.9 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 51.558 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

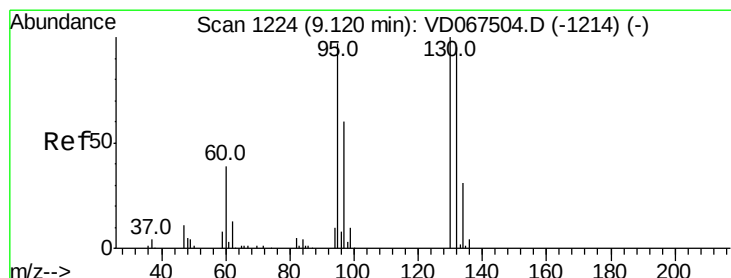
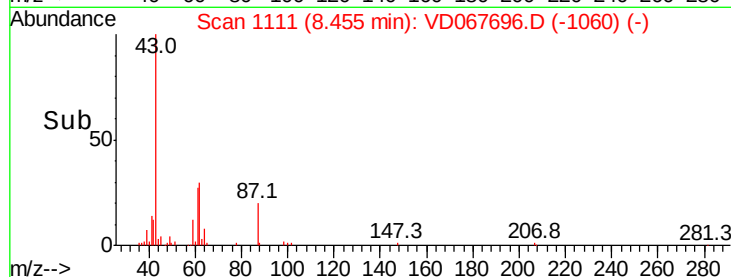
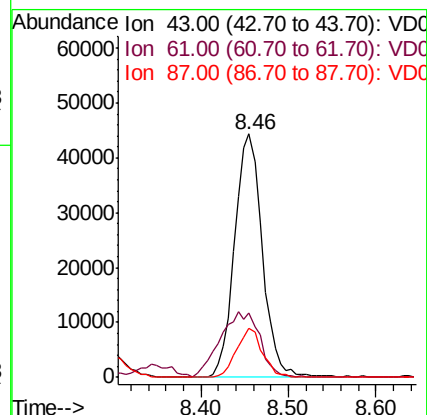
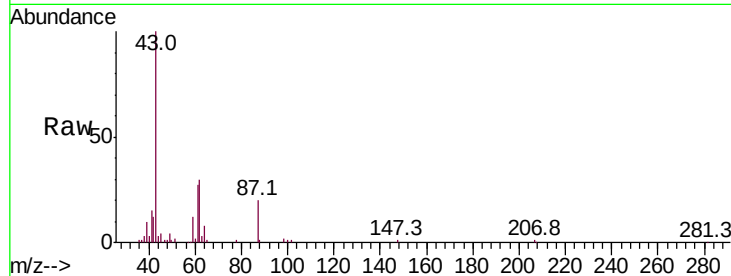
Tot Ion: 43 Resp: 94744

Ion Ratio Lower Upper

43 100

61 38.8 30.5 45.7

87 18.5 14.7 22.1



#44

Trichloroethene

Concen: 48.536 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067696.D

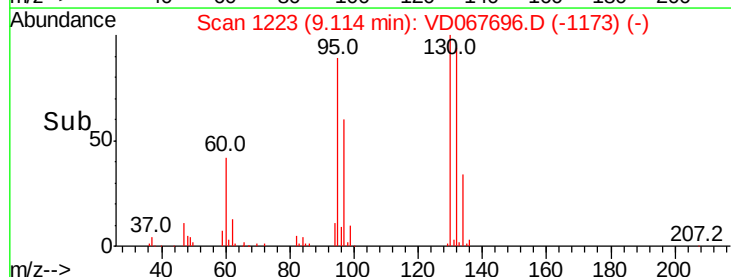
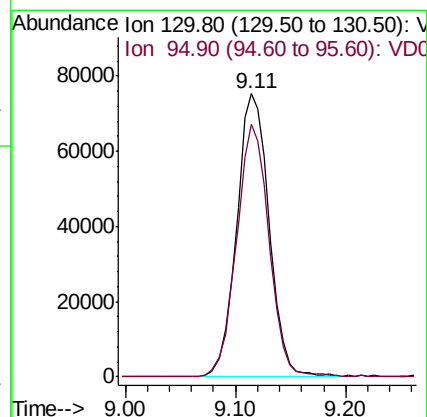
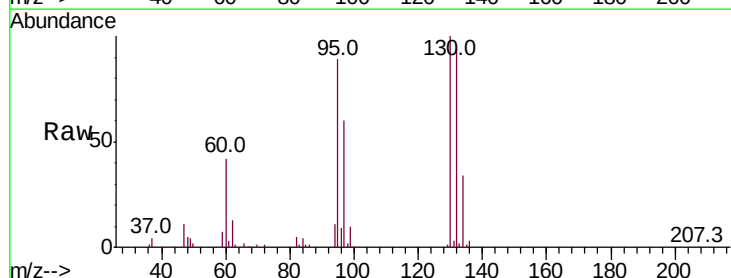
Acq: 18 Nov 2020 19:55

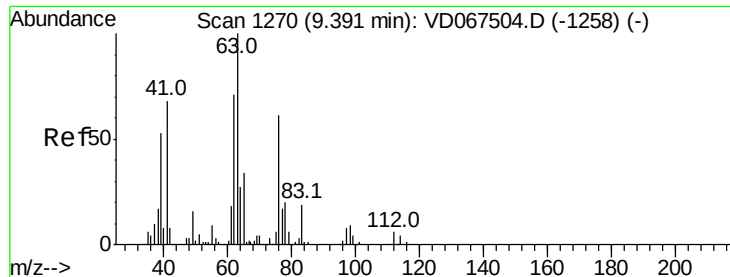
Tgt Ion: 130 Resp: 154715

Ion Ratio Lower Upper

130 100

95 89.4 0.0 194.4





#45

1,2-Dichloropropane

Concen: 48.932 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

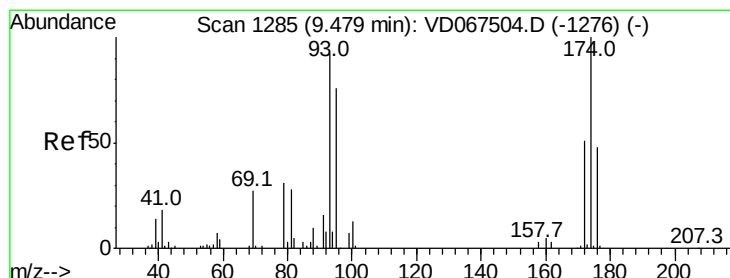
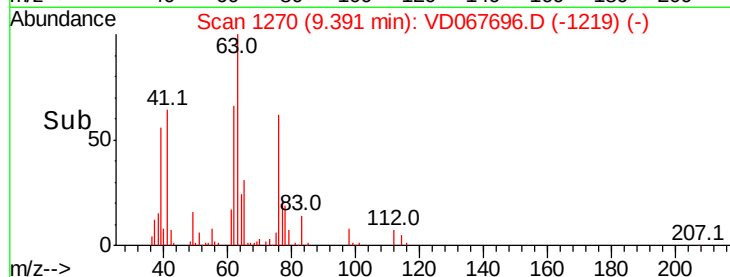
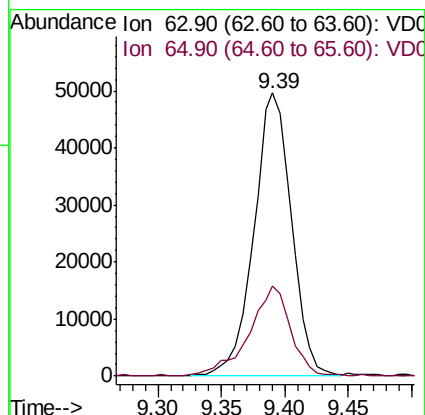
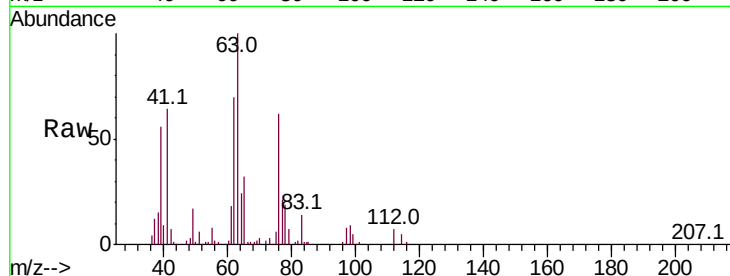
VSTDCCC050EC

Tot Ion: 63 Resp: 102563

Ion Ratio Lower Upper

63 100

65 31.4 26.9 40.3



#46

Dibromomethane

Concen: 50.740 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

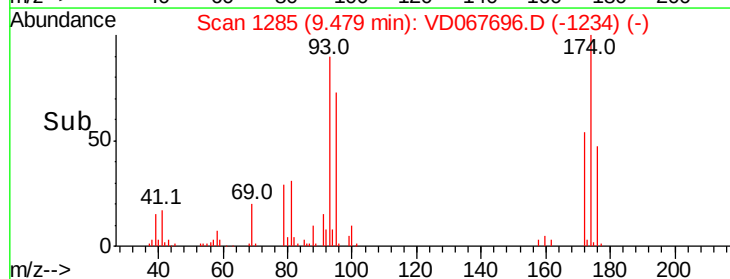
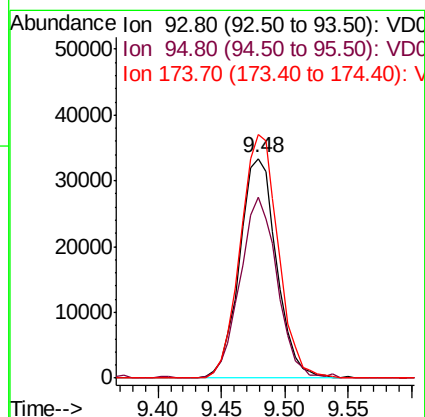
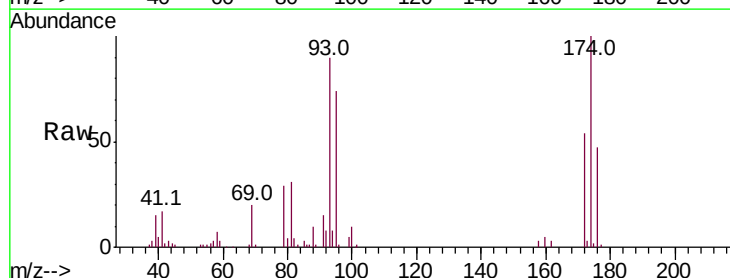
Tgt Ion: 93 Resp: 67622

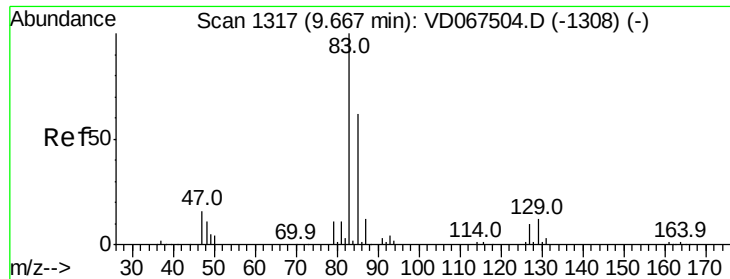
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 113.4 88.2 132.4





#47

Bromodichloromethane

Concen: 51.890 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

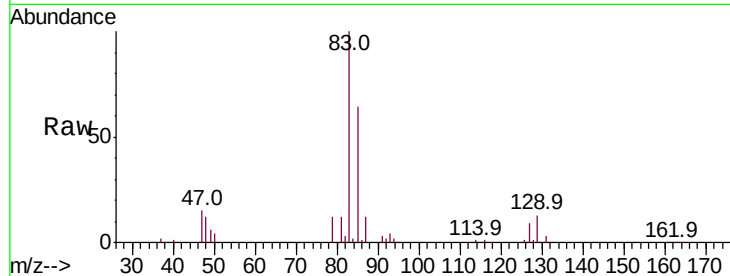
Tot Ion: 83 Resp: 187964

Ion Ratio Lower Upper

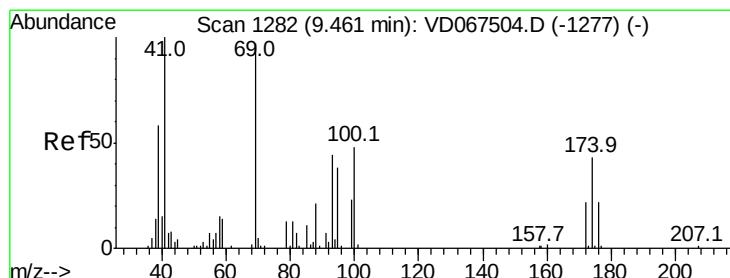
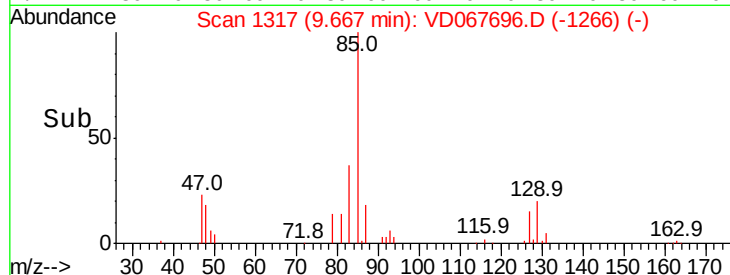
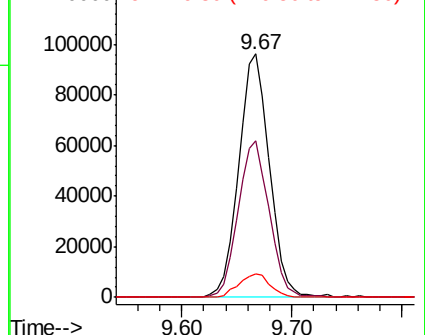
83 100

85 64.2 49.4 74.2

127 9.5 7.7 11.5



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



#48

Methyl methacrylate

Concen: 47.160 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

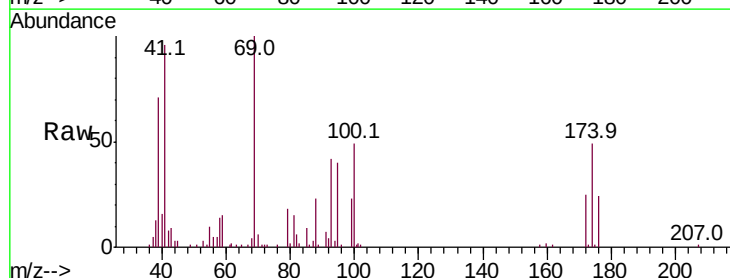
Tgt Ion: 41 Resp: 44745

Ion Ratio Lower Upper

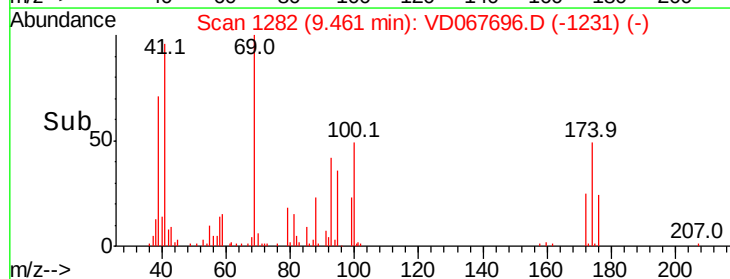
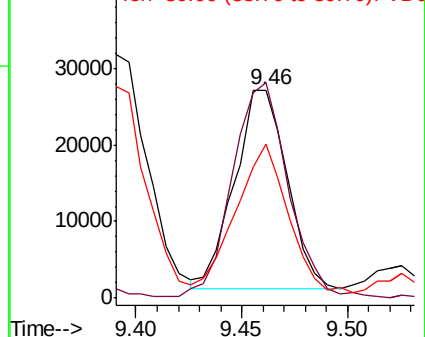
41 100

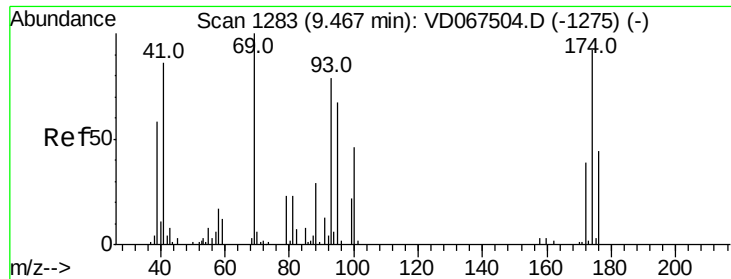
69 116.6 80.6 121.0

39 81.8 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

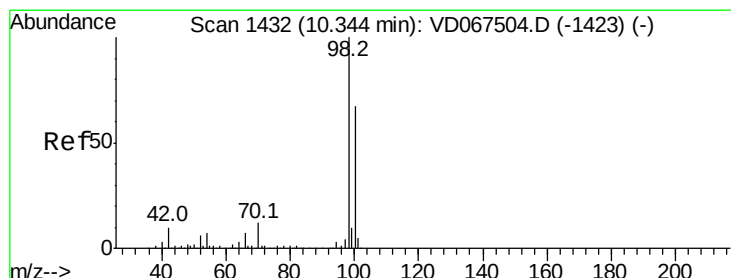
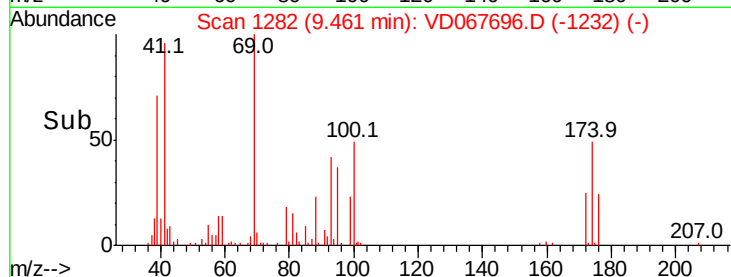
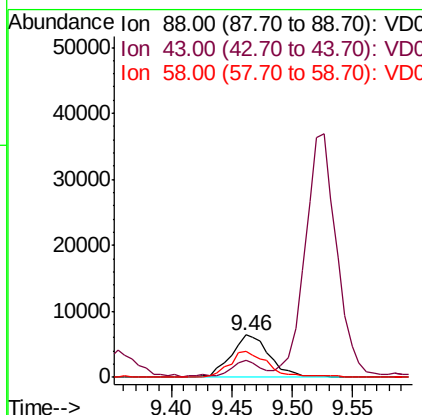
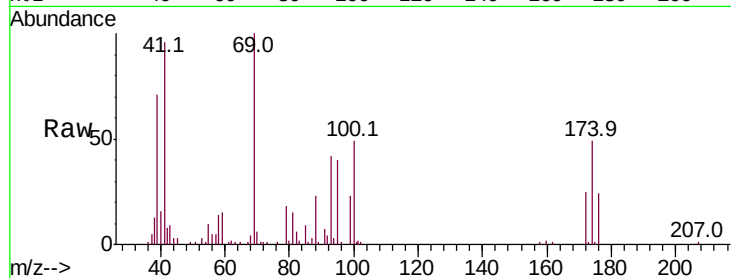




#49
 1,4-Dioxane
 Concen: 1056.588 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

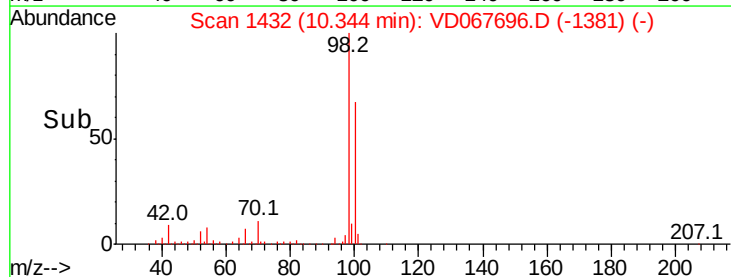
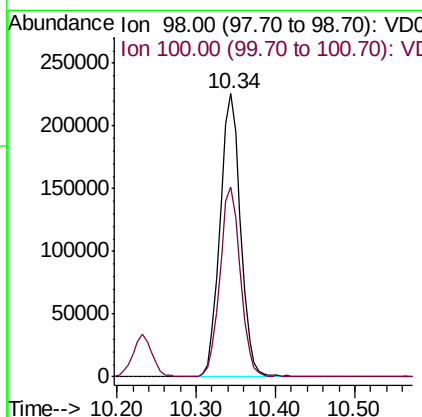
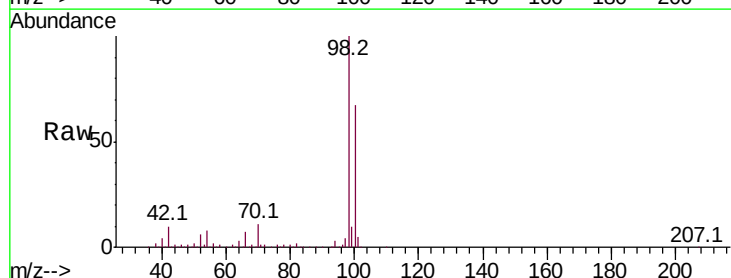
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

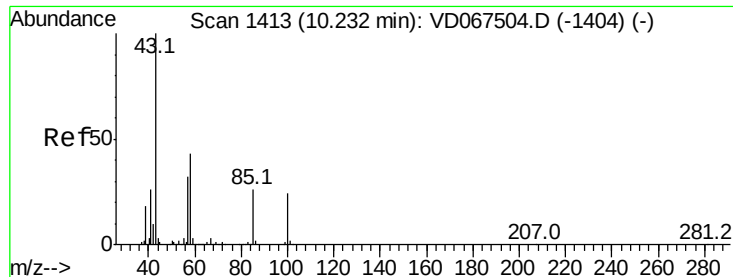
Tot Ion: 88 Resp: 14295
 Ion Ratio Lower Upper
 88 100
 43 33.8 23.6 35.4
 58 61.3 44.7 67.1



#50
 Toluene-d8
 Concen: 45.811 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Tgt Ion: 98 Resp: 405557
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.0 79.6

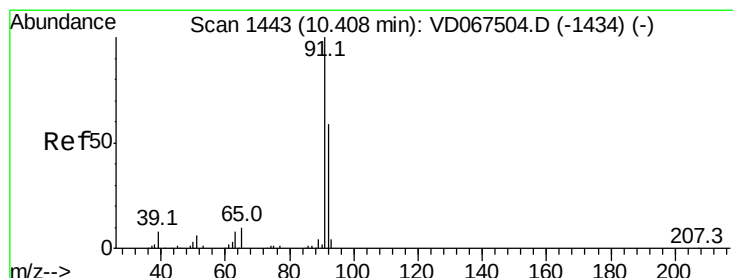
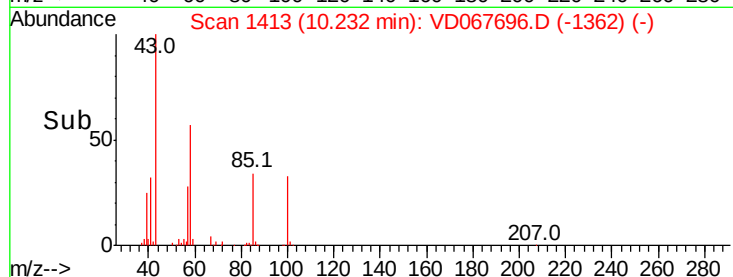
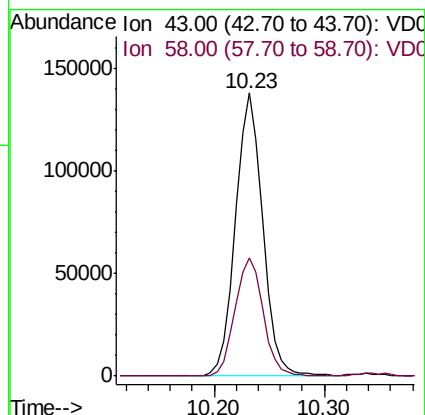
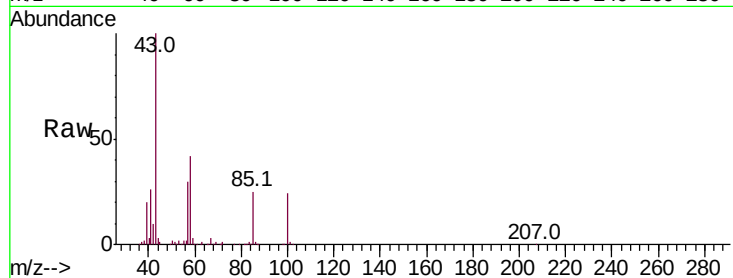




#51
4-Methyl-2-Pentanone
Concen: 273.094 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

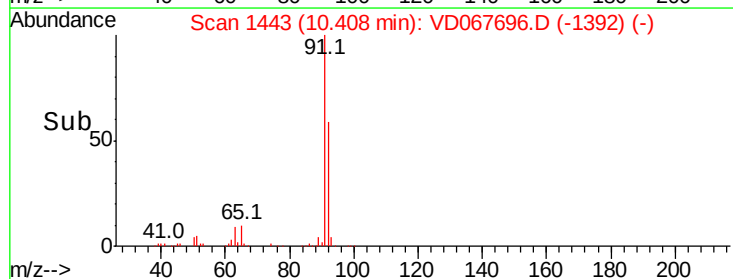
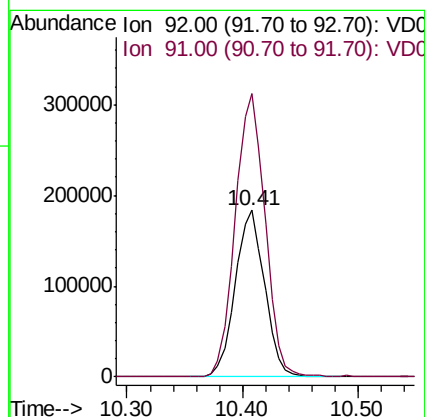
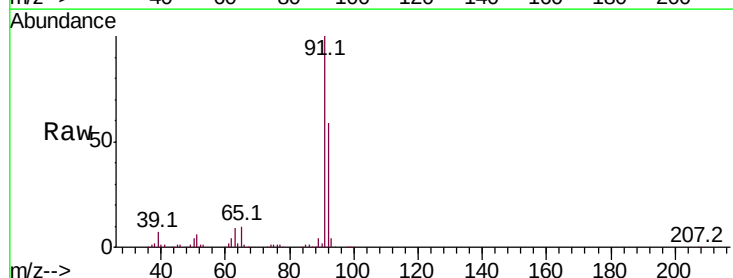
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

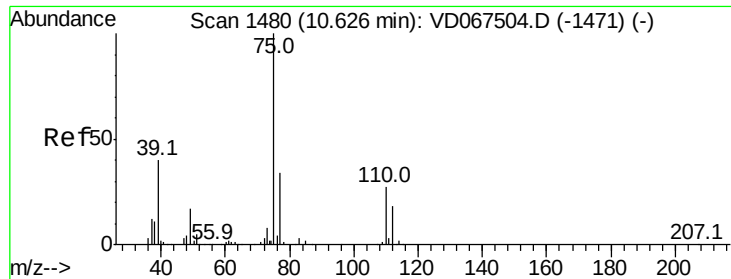
Tot Ion: 43 Resp: 240007
Ion Ratio Lower Upper
43 100
58 43.1 35.6 53.4



#52
Toluene
Concen: 50.050 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion: 92 Resp: 324997
Ion Ratio Lower Upper
92 100
91 172.9 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 51.841 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

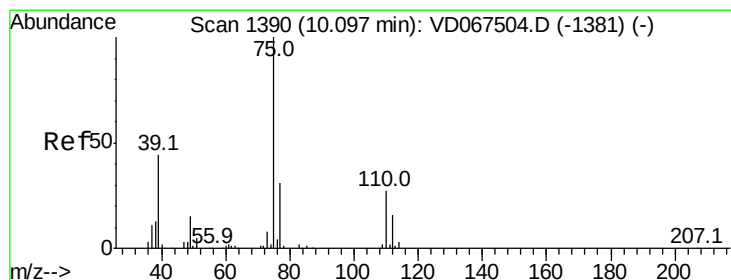
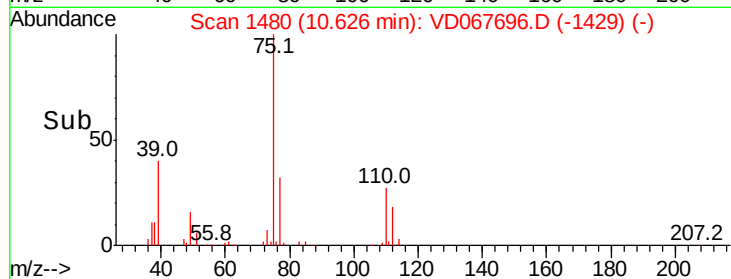
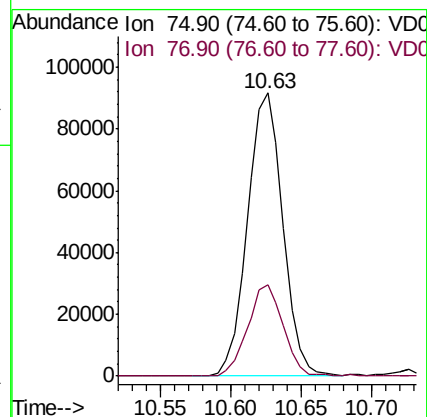
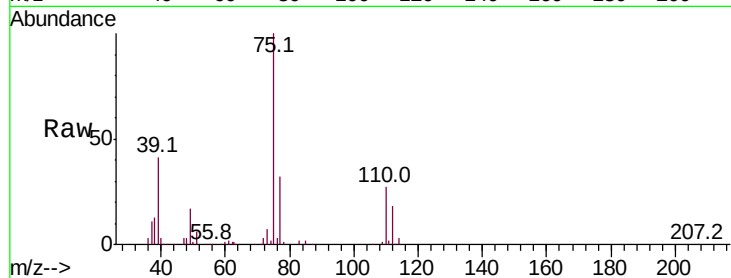
VSTDCCC050EC

Tot Ion: 75 Resp: 160830

Ion Ratio Lower Upper

75 100

77 32.3 27.0 40.6



#54

cis-1,3-Dichloropropene

Concen: 49.048 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

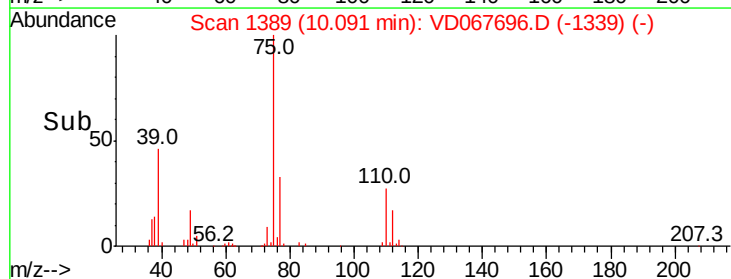
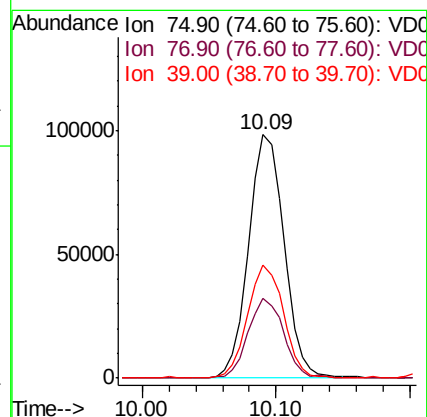
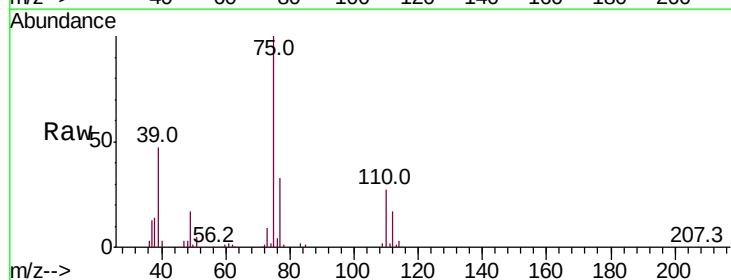
Tgt Ion: 75 Resp: 180791

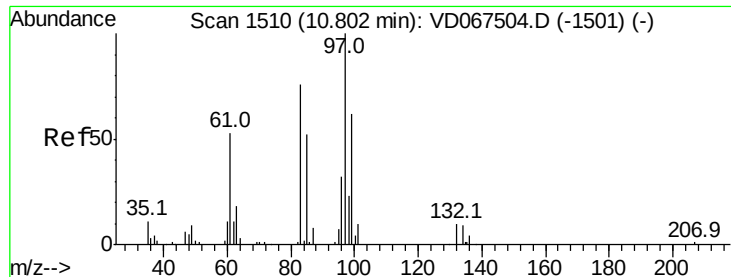
Ion Ratio Lower Upper

75 100

77 32.5 24.4 36.6

39 46.3 35.6 53.4

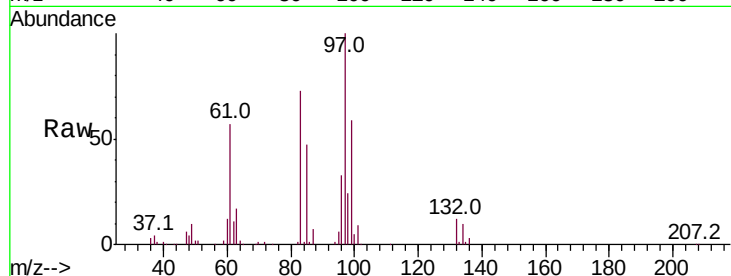




#55
 1,1,2-Trichloroethane
 Concen: 52.564 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	92689
Ion	Ratio	Lower	Upper
97	100		
83	73.7	61.0	91.6
85	47.4	41.5	62.3
99	59.3	49.4	74.2



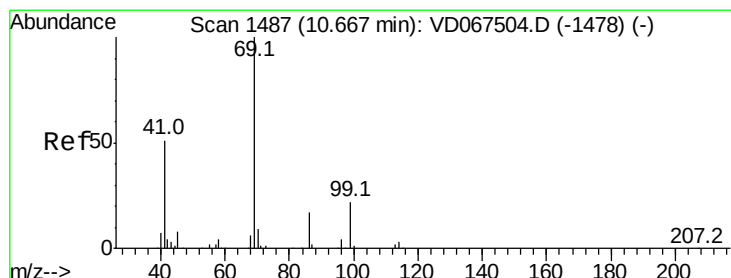
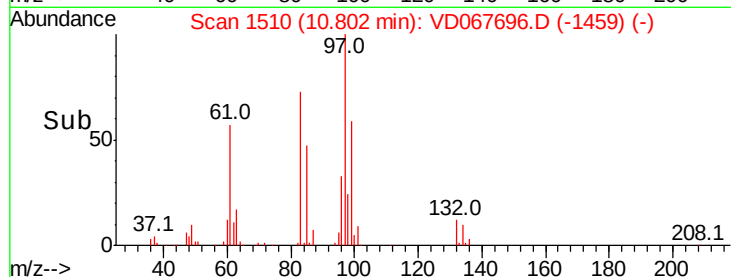
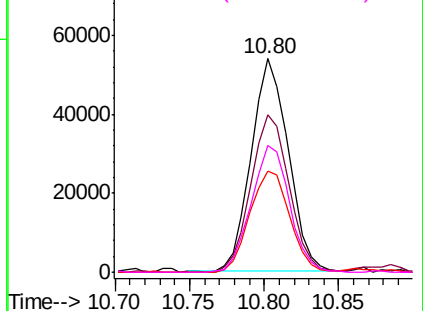
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

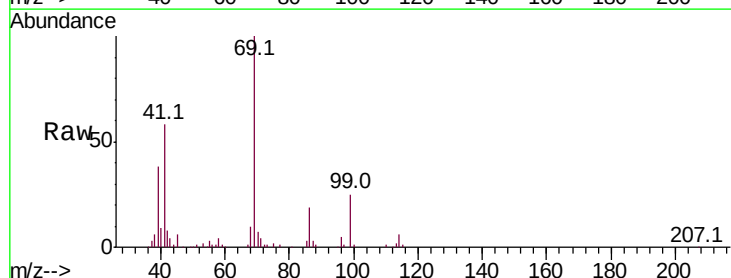
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 53.121 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Tgt Ion:	69	Resp:	96730
Ion	Ratio	Lower	Upper
69	100		
41	53.3	45.4	68.0
39	34.1	27.4	41.0

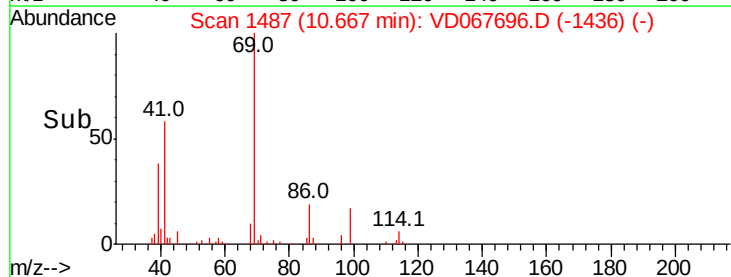
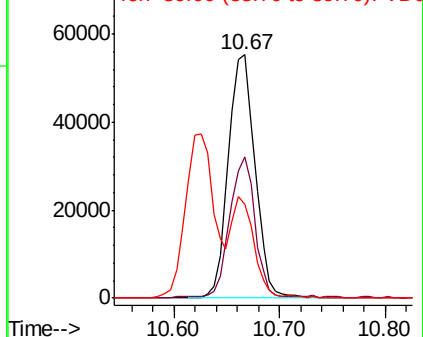


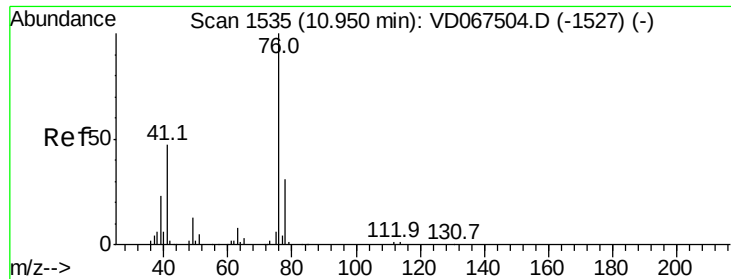
Abundance

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: 51.727 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

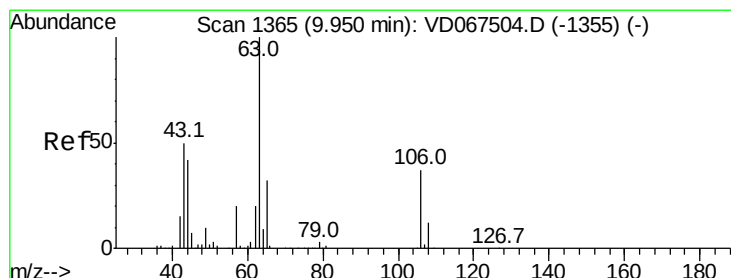
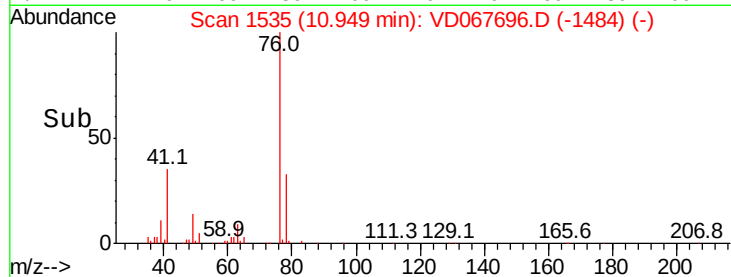
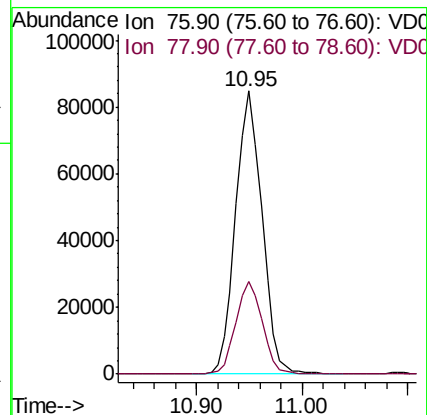
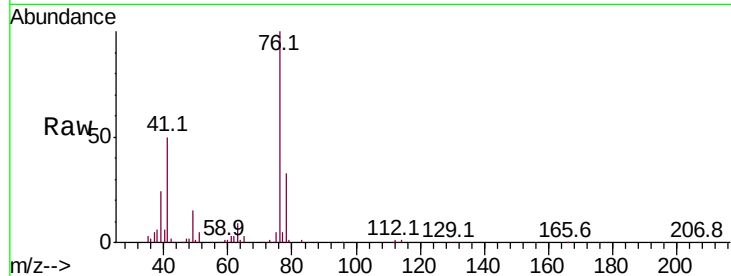
VSTDCCC050EC

Tot Ion: 76 Resp: 146778

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 267.249 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD067696.D

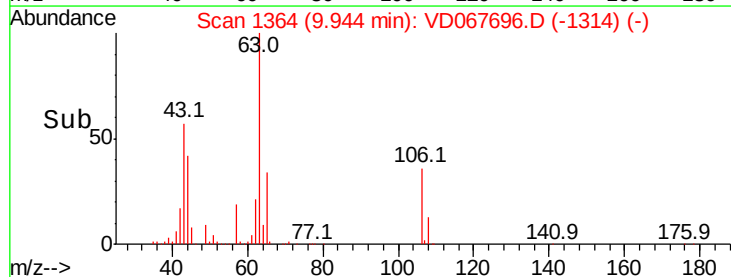
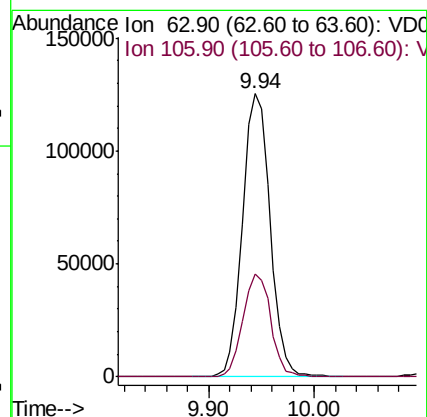
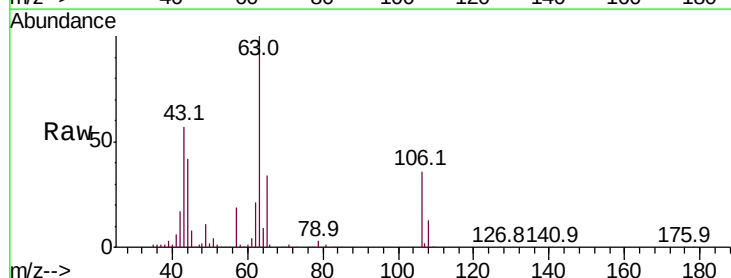
Acq: 18 Nov 2020 19:55

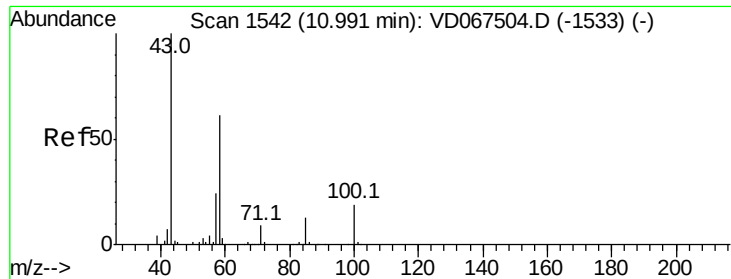
Tgt Ion: 63 Resp: 226939

Ion Ratio Lower Upper

63 100

106 36.6 29.2 43.8

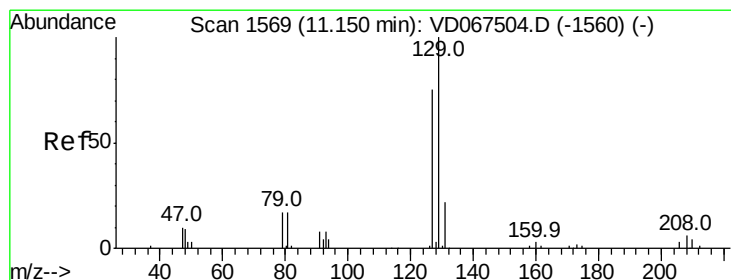
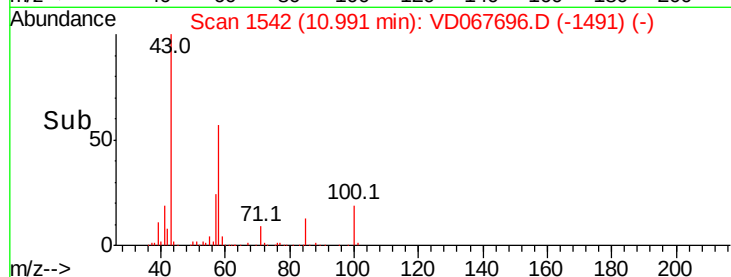
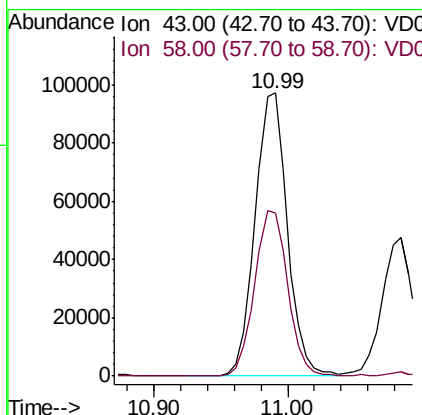
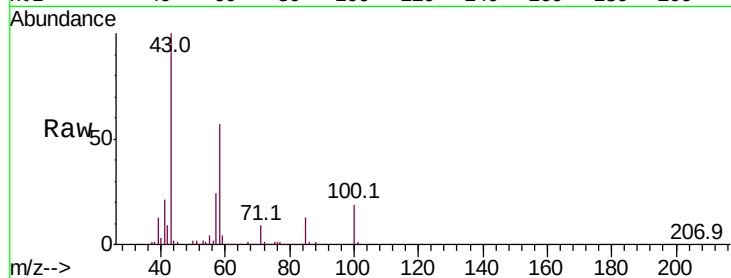




#59
2-Hexanone
Concen: 264.119 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

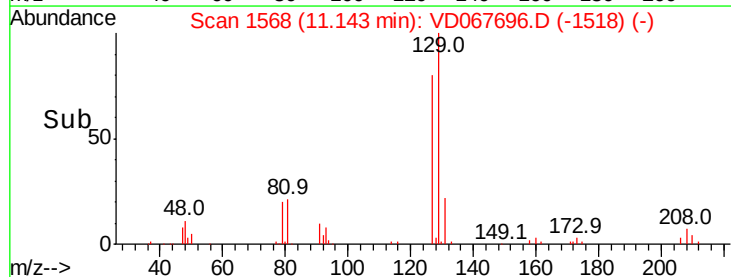
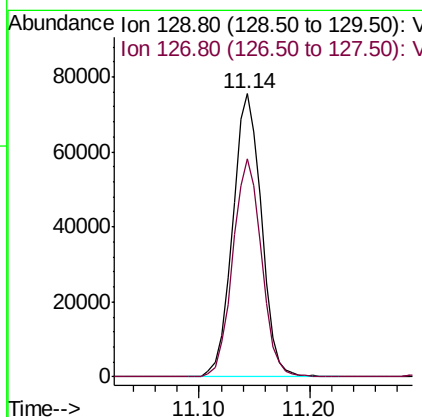
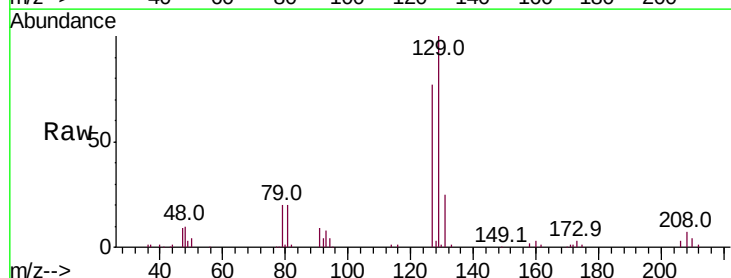
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

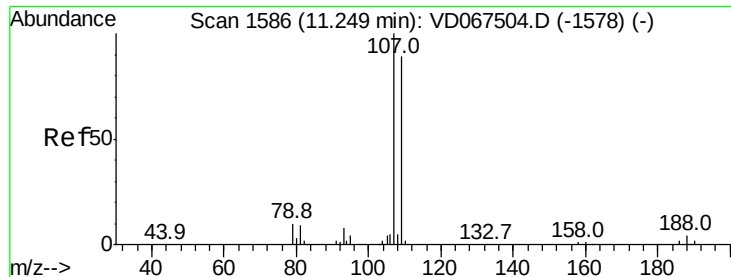
Tot Ion: 43 Resp: 162298
Ion Ratio Lower Upper
43 100
58 60.0 30.3 90.9



#60
Dibromochloromethane
Concen: 52.843 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion:129 Resp: 137839
Ion Ratio Lower Upper
129 100
127 77.1 38.0 114.1

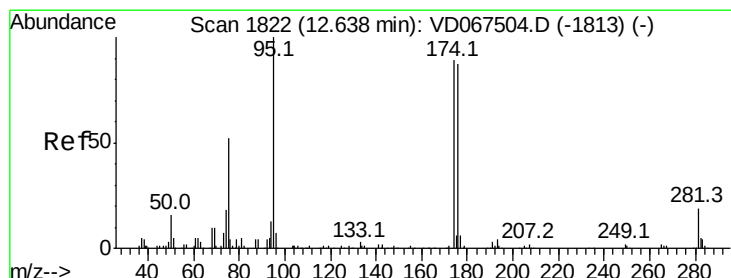
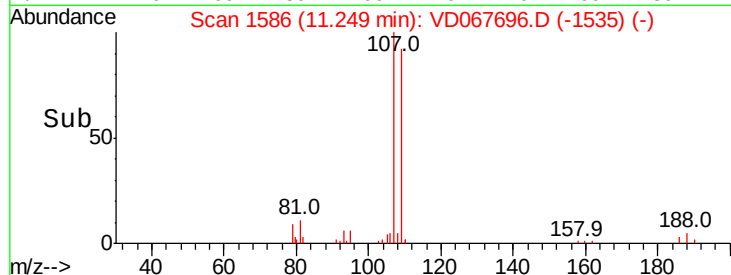
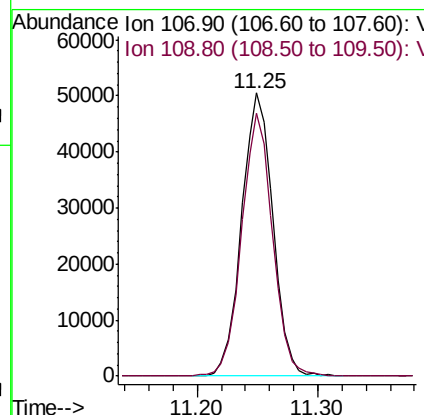
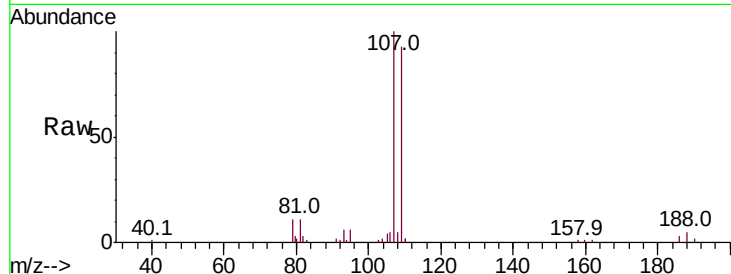




#61
 1,2-Dibromoethane
 Concen: 51.454 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

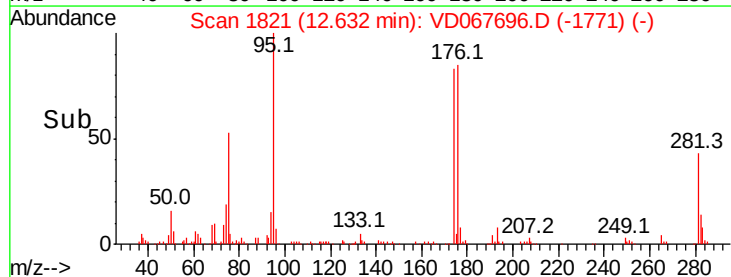
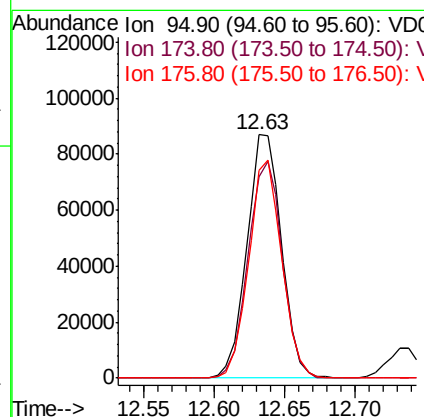
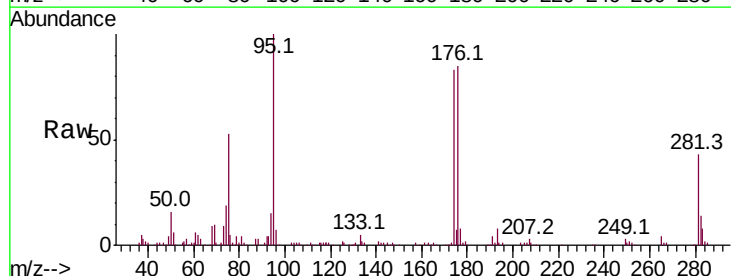
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

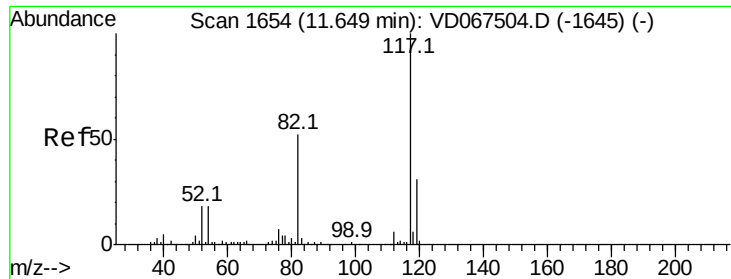
Tot Ion:107 Resp: 91062
 Ion Ratio Lower Upper
 107 100
 109 92.3 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 48.887 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Tgt Ion: 95 Resp: 149417
 Ion Ratio Lower Upper
 95 100
 174 88.3 0.0 177.8
 176 85.6 0.0 172.0

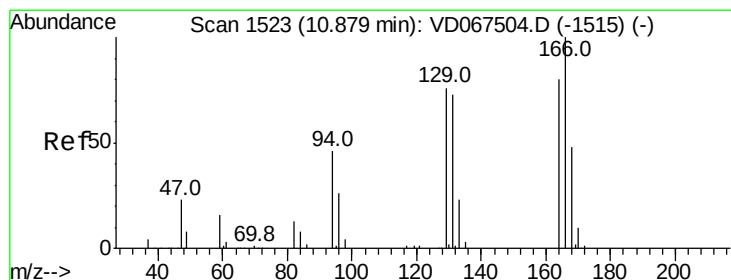
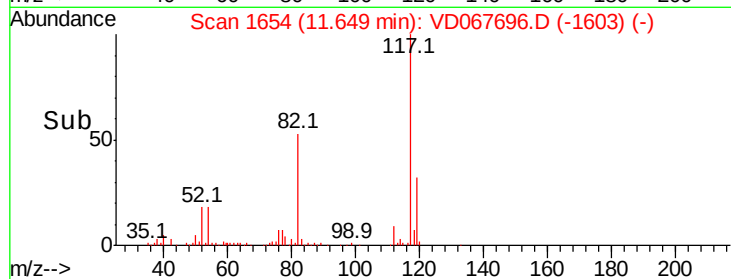
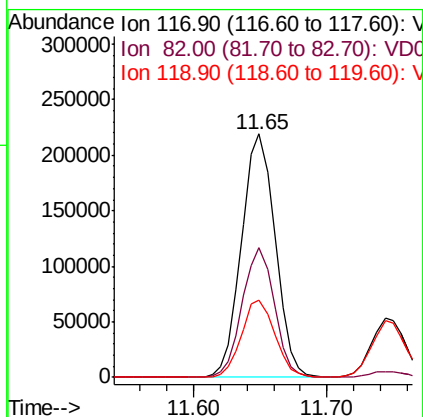
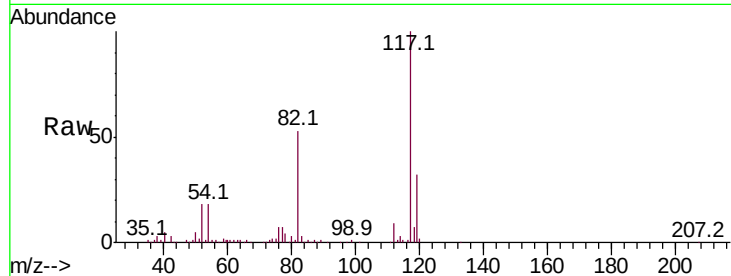




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

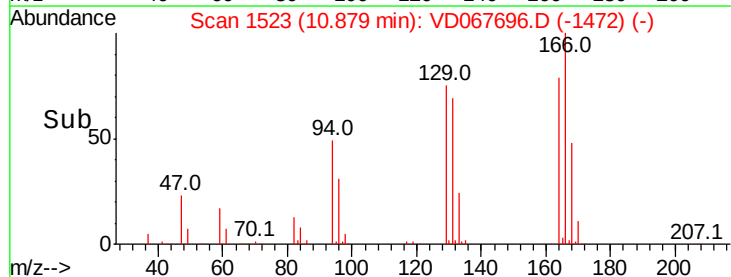
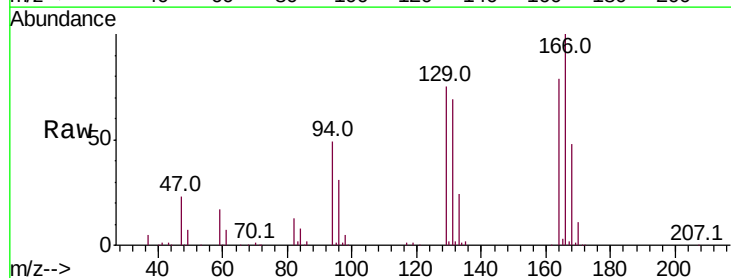
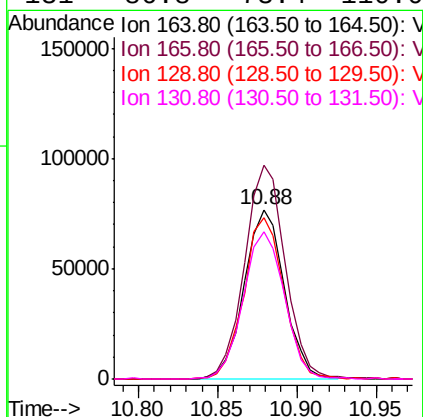
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

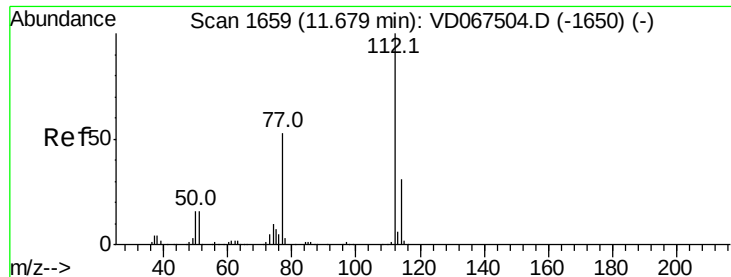
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.6	62.4
119	31.7	25.1	37.7



#64
Tetrachloroethene
Concen: 47.570 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	99.9	149.9
129	95.2	75.5	113.3
131	86.8	73.4	110.0

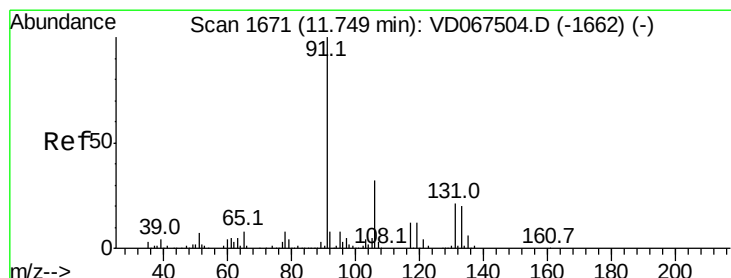
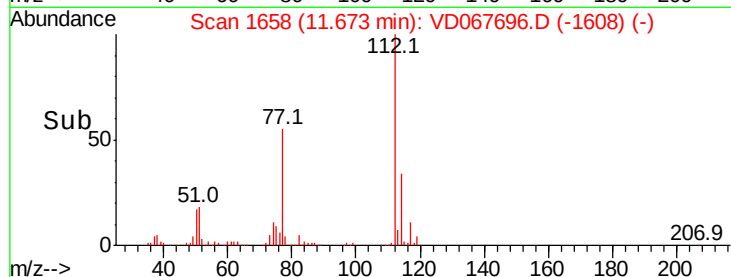
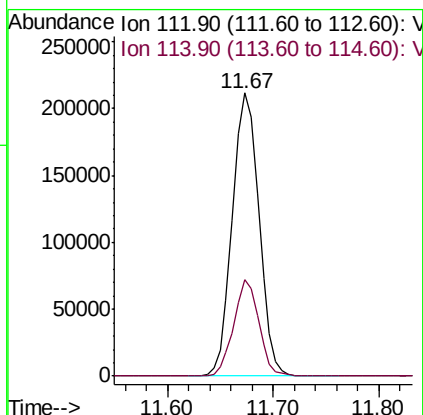
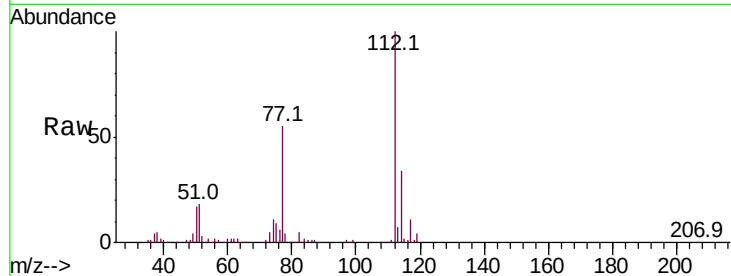




#65
Chlorobenzene
Concen: 50.036 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

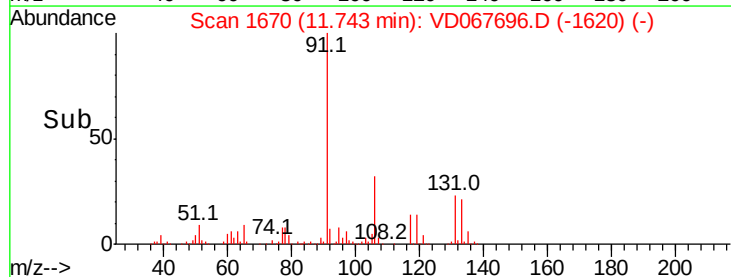
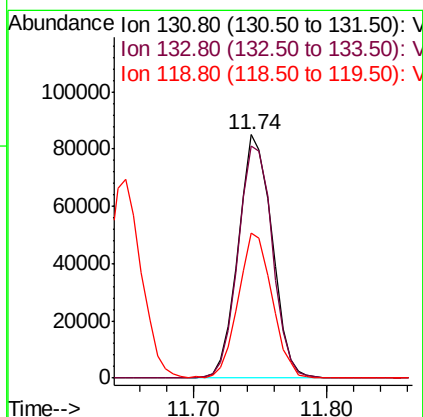
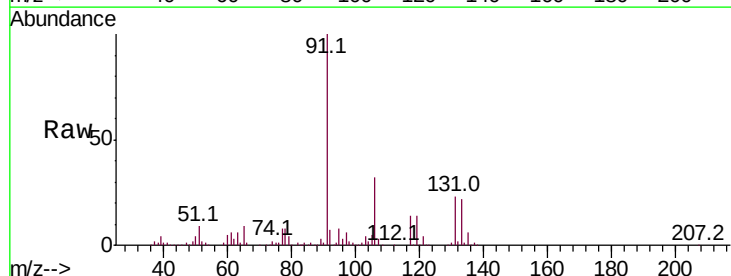
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

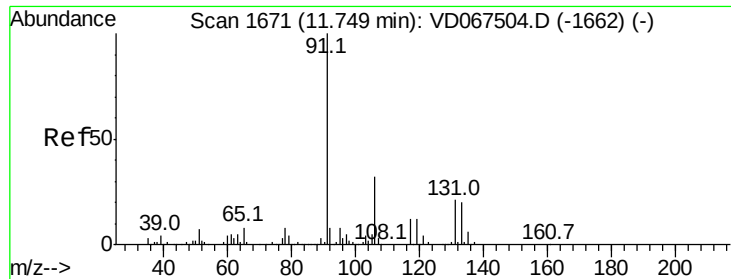
Tot Ion:112 Resp: 369678
Ion Ratio Lower Upper
112 100
114 34.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.351 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion:131 Resp: 149532
Ion Ratio Lower Upper
131 100
133 96.8 48.0 144.0
119 59.7 30.1 90.5





#67

Ethyl Benzene

Concen: 50.868 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

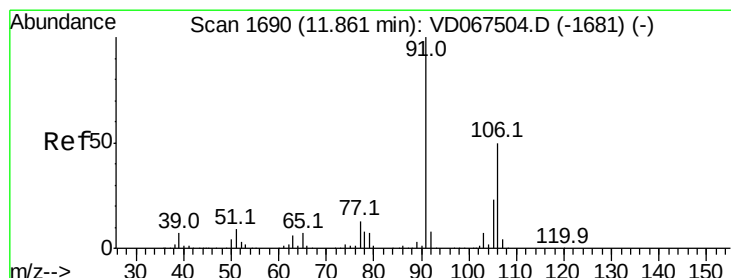
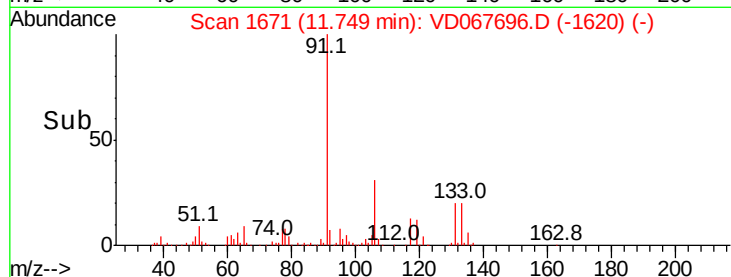
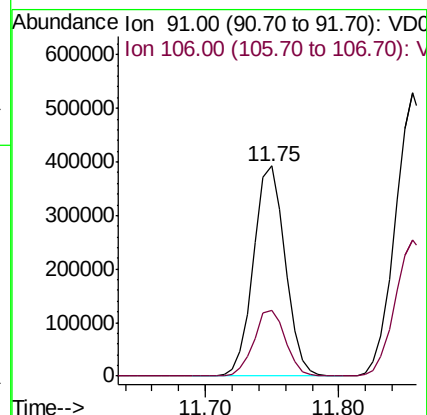
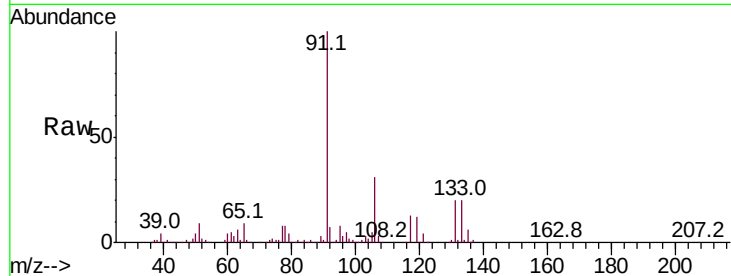
VSTDCCC050EC

Tot Ion: 91 Resp: 643120

Ion Ratio Lower Upper

91 100

106 31.1 25.7 38.5



#68

m/p-Xylenes

Concen: 99.531 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067696.D

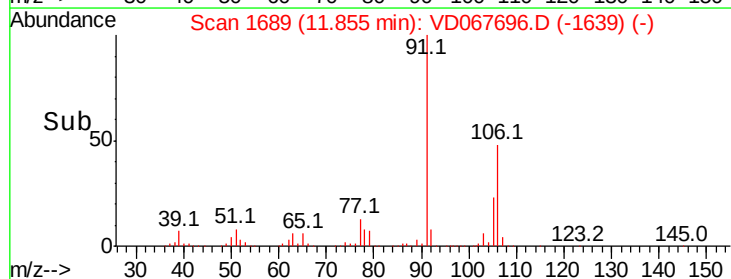
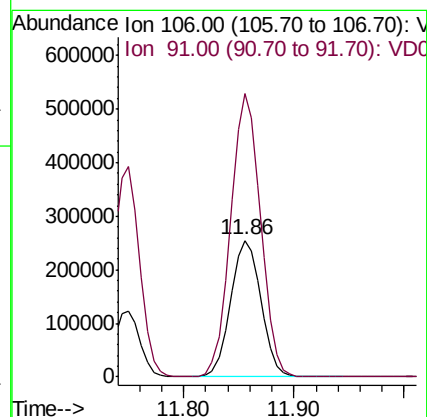
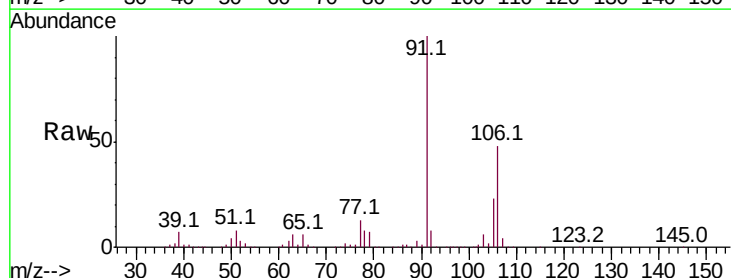
Acq: 18 Nov 2020 19:55

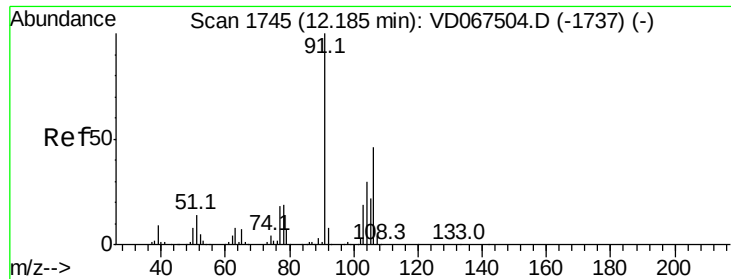
Tgt Ion: 106 Resp: 489558

Ion Ratio Lower Upper

106 100

91 205.2 162.6 244.0

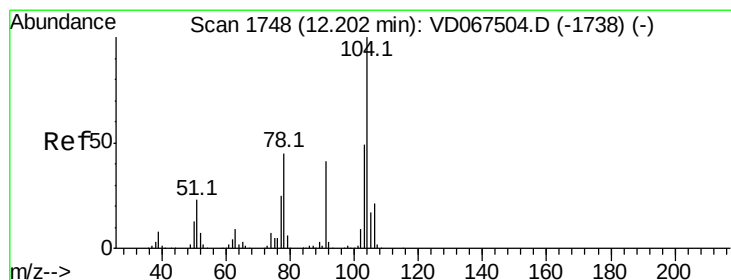
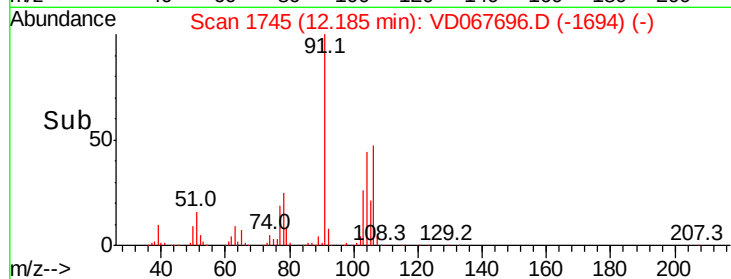
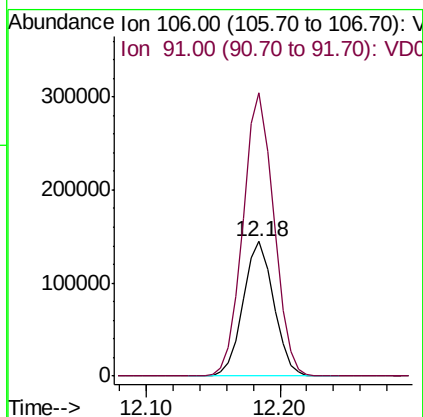
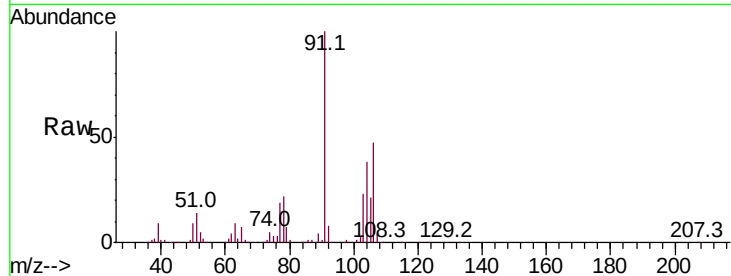




#69
o-Xylene
Concen: 52.122 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

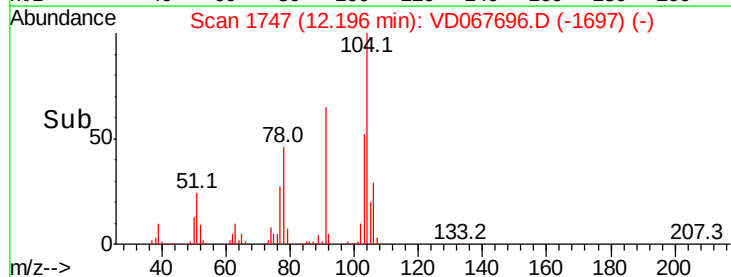
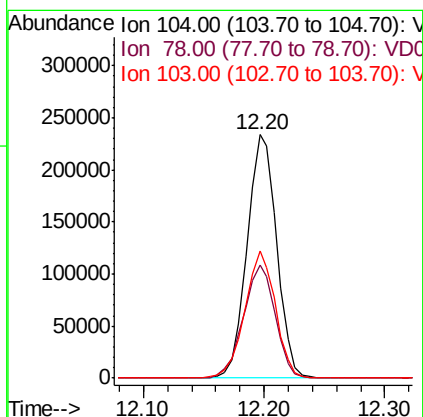
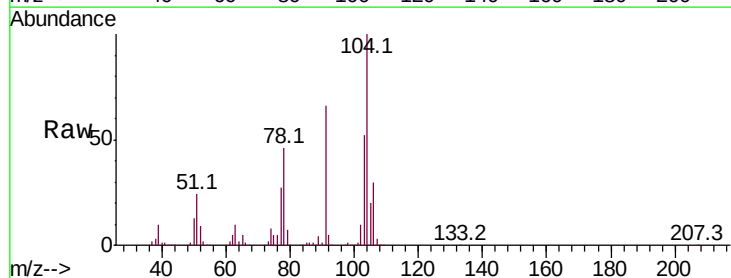
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

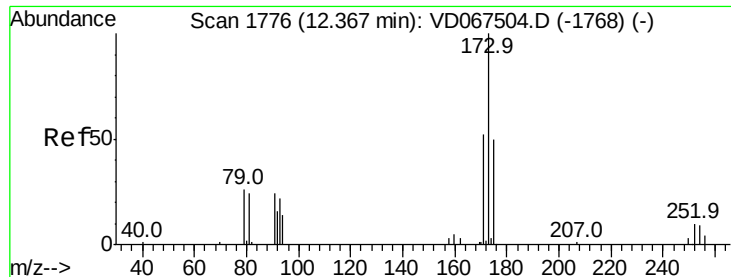
Tot Ion:106 Resp: 228894
Ion Ratio Lower Upper
106 100
91 212.0 107.1 321.1



#70
Styrene
Concen: 52.278 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion:104 Resp: 400044
Ion Ratio Lower Upper
104 100
78 50.0 39.8 59.8
103 53.8 43.9 65.9

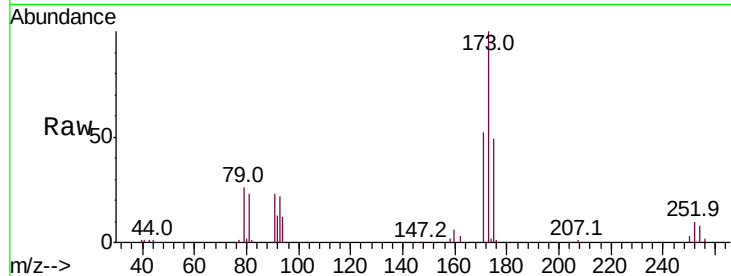




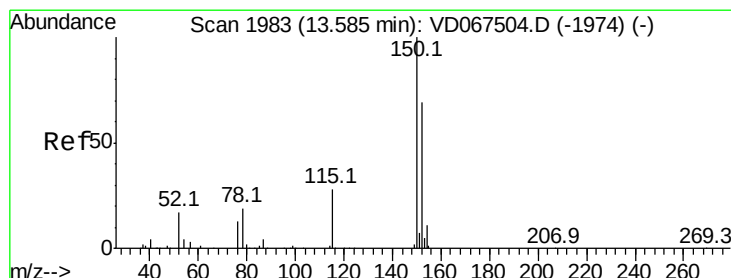
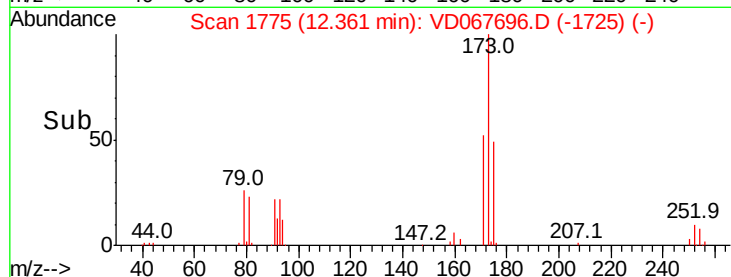
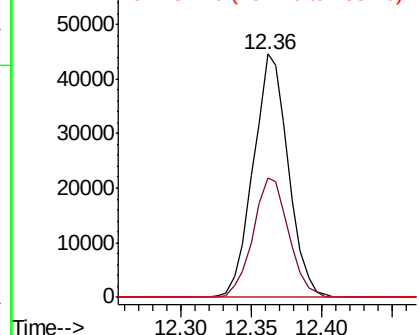
#71
Bromoform
Concen: 52.164 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 77470
Ion Ratio Lower Upper
173 100
175 50.1 24.1 72.2
254 0.1 0.0 0.0#

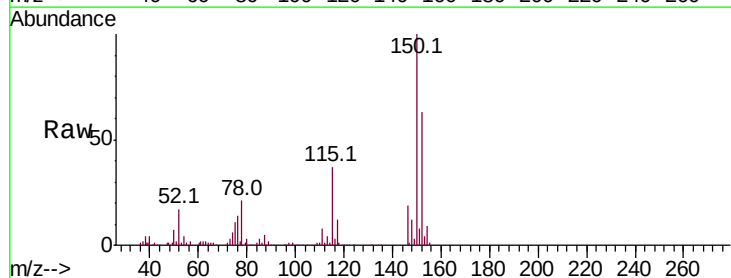


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

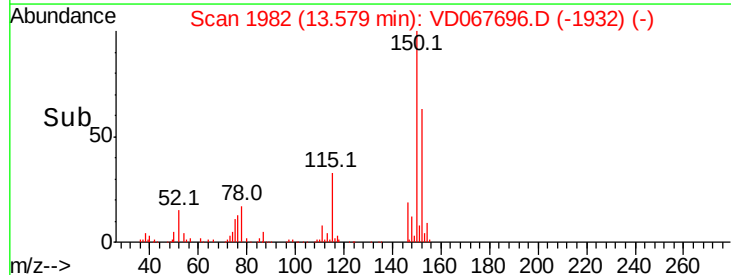
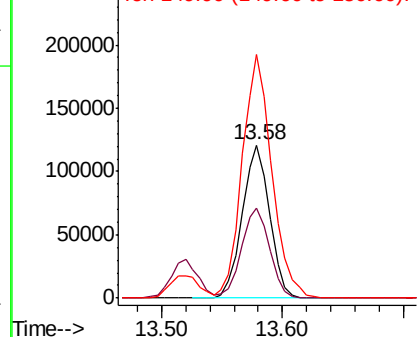


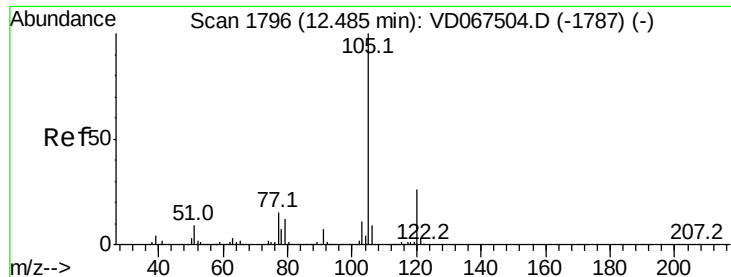
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion:152 Resp: 190877
Ion Ratio Lower Upper
152 100
115 60.5 29.3 88.0
150 172.2 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: 51.185 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

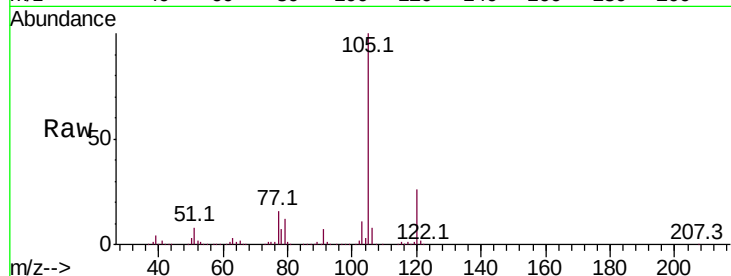
VSTDCCC050EC

Tot Ion:105 Resp: 631418

Ion Ratio Lower Upper

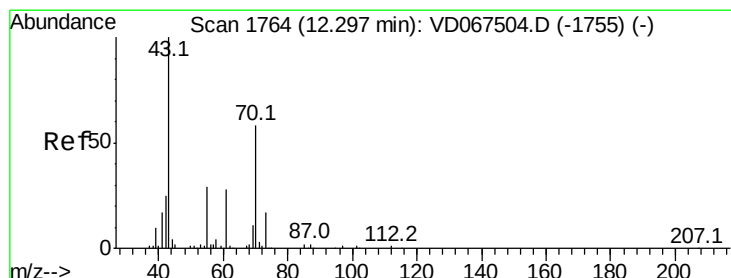
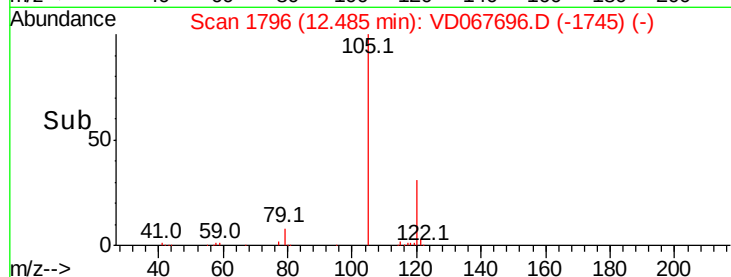
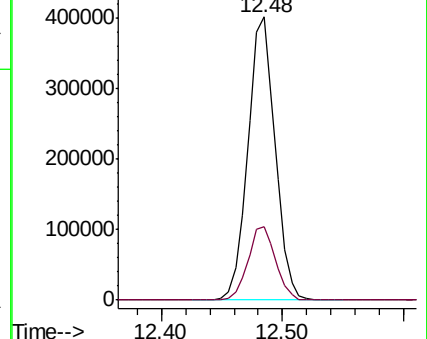
105 100

120 26.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.422 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Tgt Ion: 43 Resp: 81847

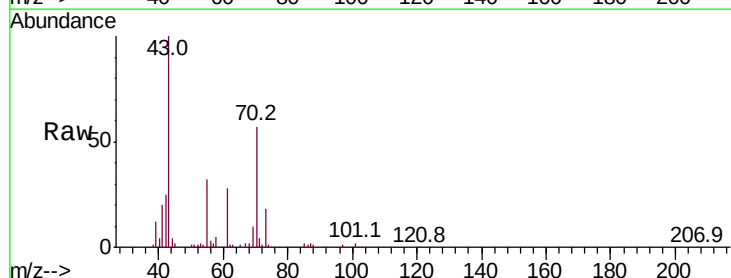
Ion Ratio Lower Upper

43 100

70 56.2 42.6 64.0

55 31.6 23.7 35.5

61 28.2 21.9 32.9

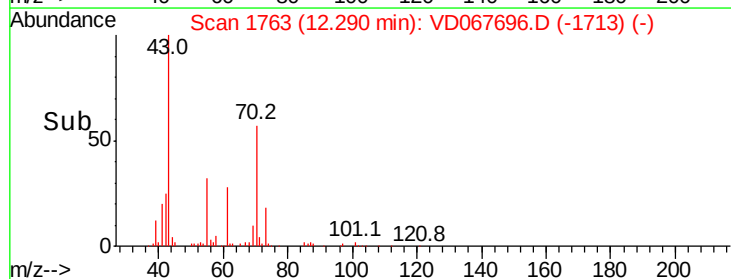
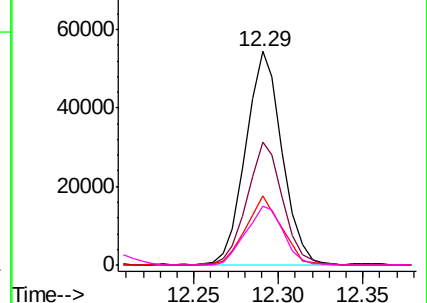


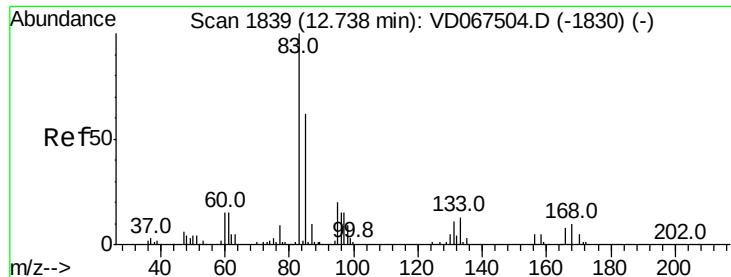
Abundance Ion 43.00 (42.70 to 43.70): V

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: 50.189 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

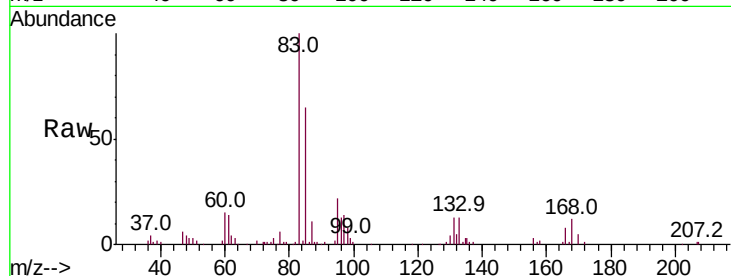
Tot Ion: 83 Resp: 84426

Ion Ratio Lower Upper

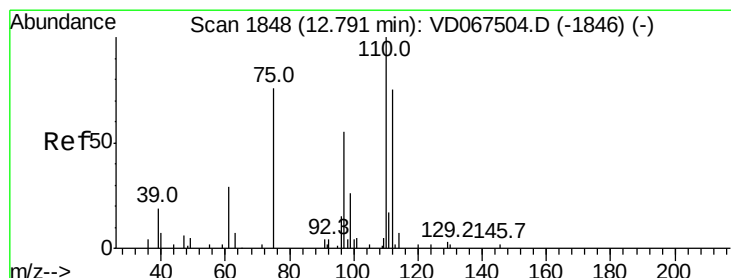
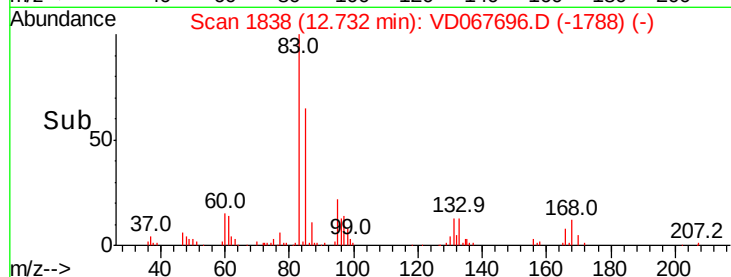
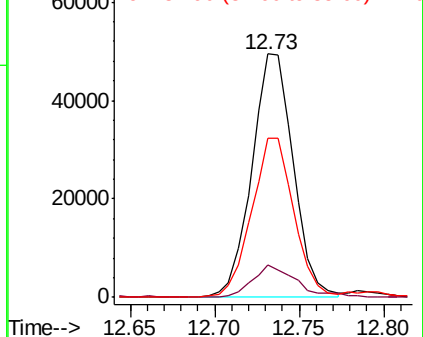
83 100

131 14.2 7.1 21.3

85 66.7 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: 106.318 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067696.D

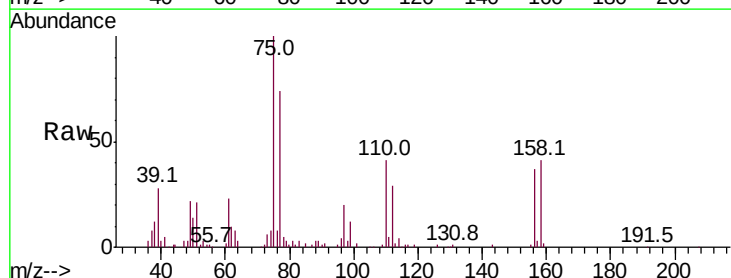
Acq: 18 Nov 2020 19:55

Tgt Ion: 75 Resp: 122423

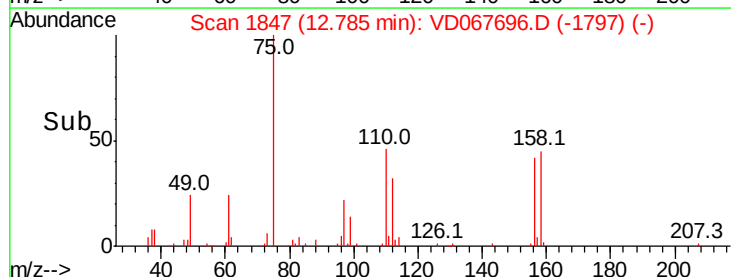
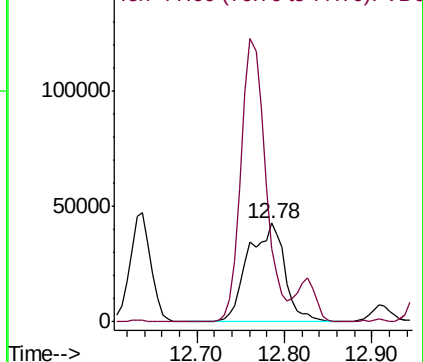
Ion Ratio Lower Upper

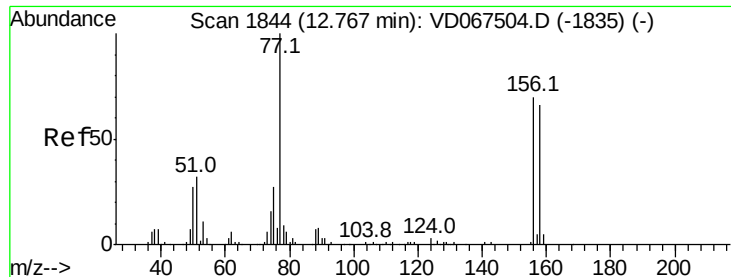
75 100

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: 51.743 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

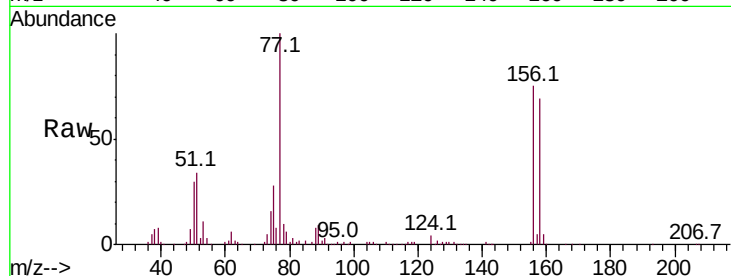
Tot Ion:156 Resp: 156760

Ion Ratio Lower Upper

156 100

77 148.7 77.8 233.5

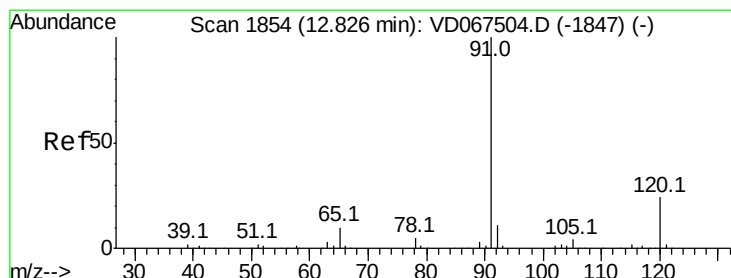
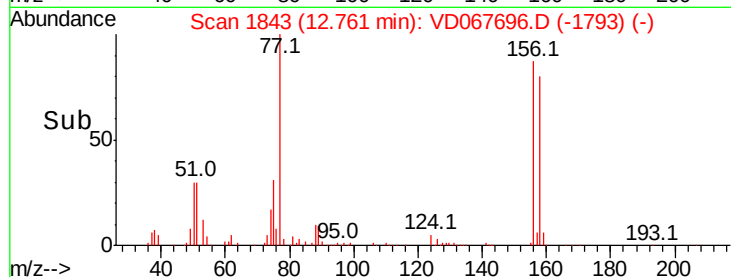
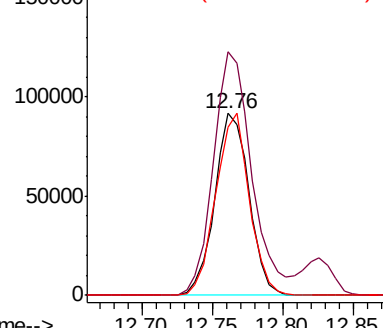
158 97.6 47.9 143.7



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: 50.297 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067696.D

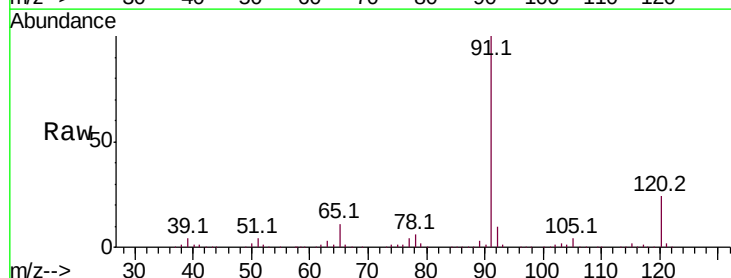
Acq: 18 Nov 2020 19:55

Tgt Ion: 91 Resp: 709706

Ion Ratio Lower Upper

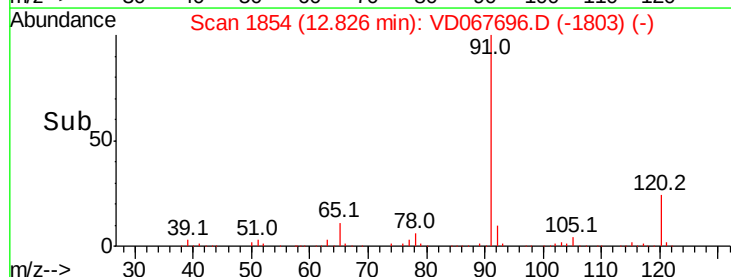
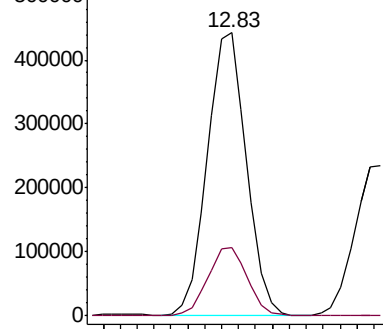
91 100

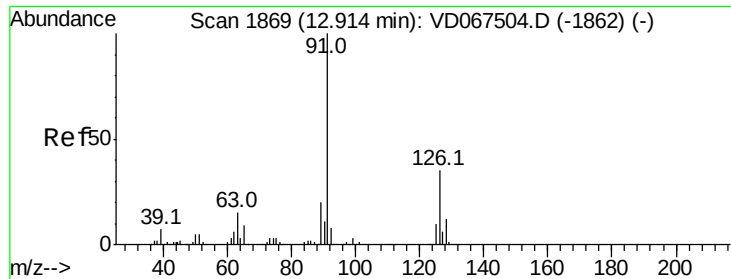
120 24.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.034 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

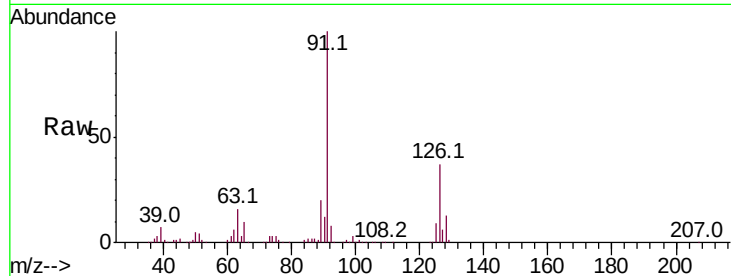
VSTDCCC050EC

Tot Ion: 91 Resp: 409055

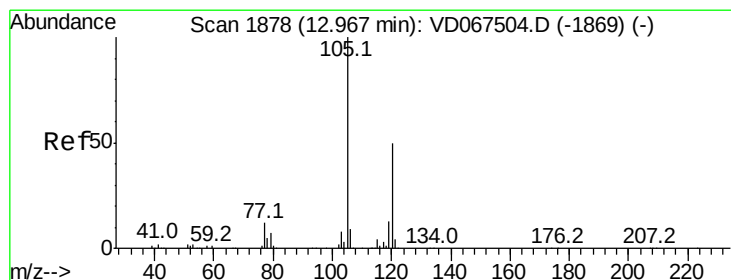
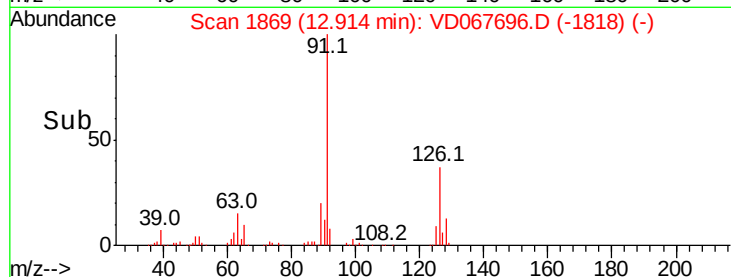
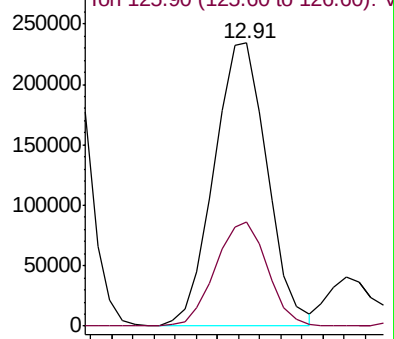
Ion Ratio Lower Upper

91 100

126 36.1 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VD067504.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.955 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD067696.D

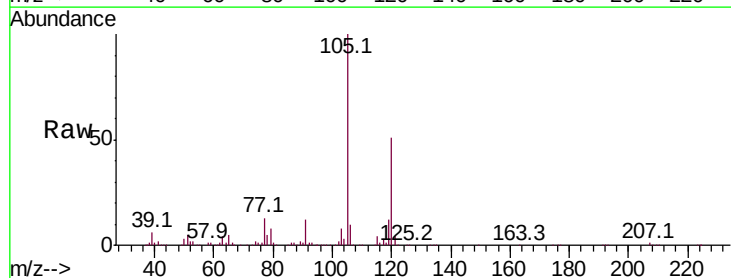
Acq: 18 Nov 2020 19:55

Tgt Ion:105 Resp: 547508

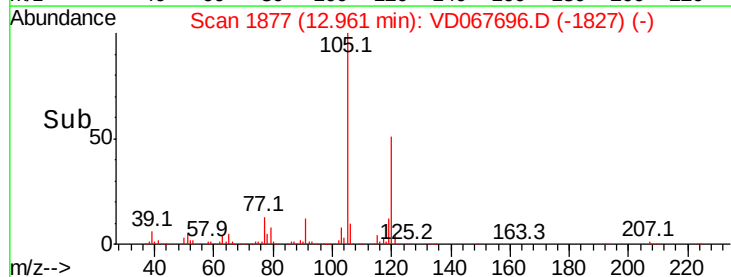
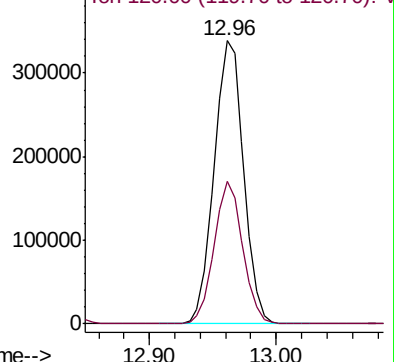
Ion Ratio Lower Upper

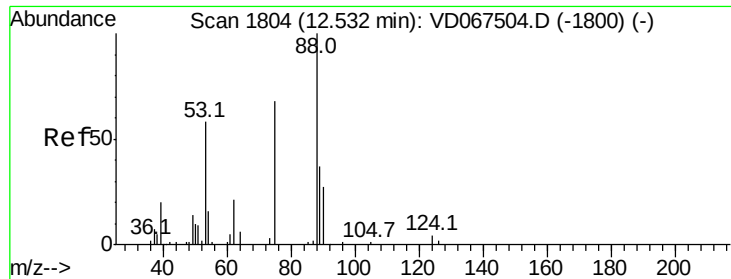
105 100

120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067504.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.482 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

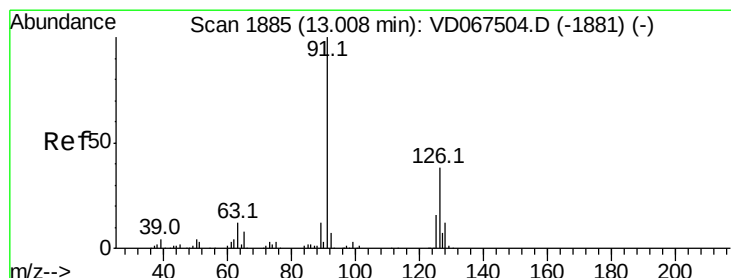
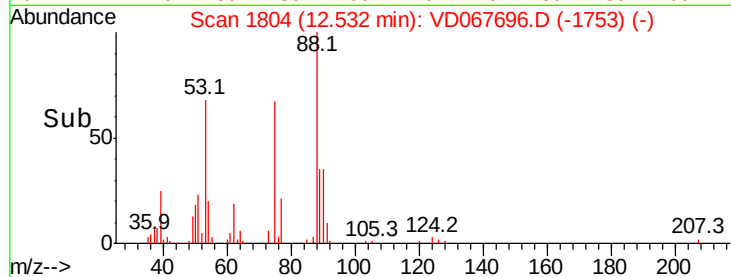
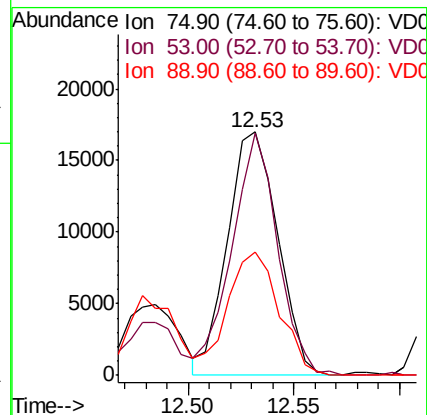
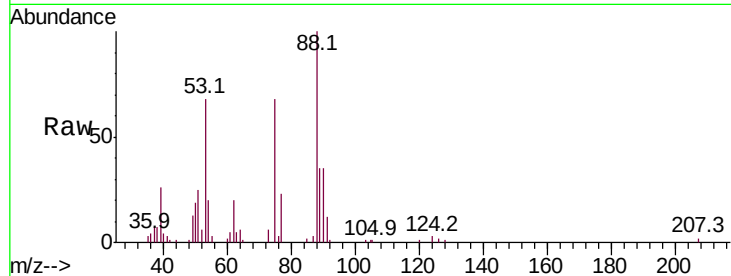
Tot Ion: 75 Resp: 28064

Ion Ratio Lower Upper

75 100

53 90.5 75.9 113.9

89 52.2 44.6 67.0



#82

4-Chlorotoluene

Concen: 51.464 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067696.D

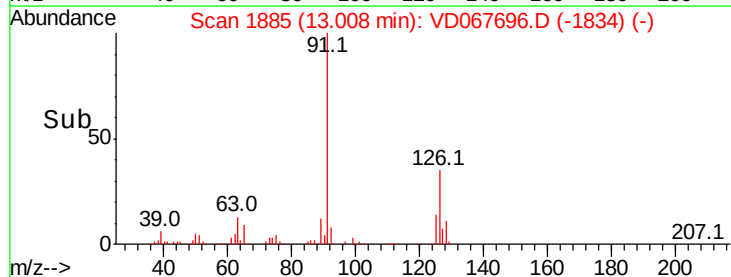
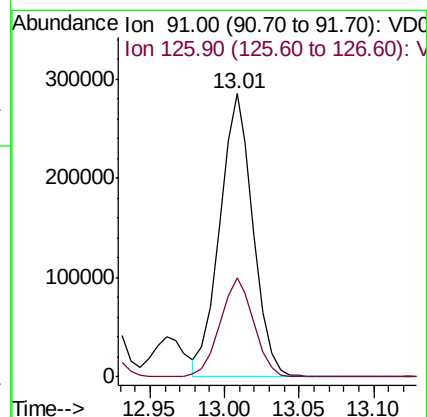
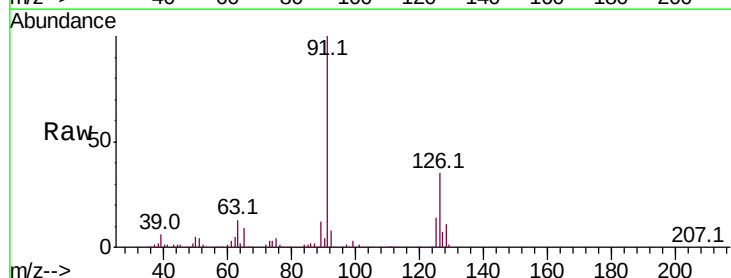
Acq: 18 Nov 2020 19:55

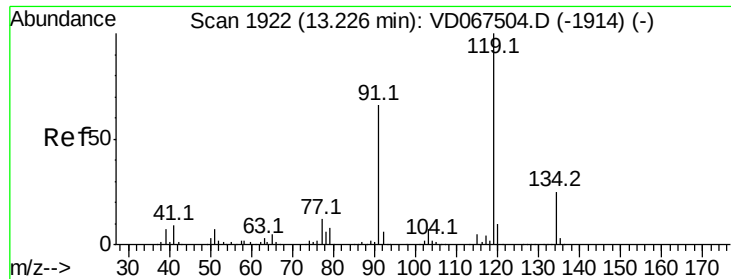
Tgt Ion: 91 Resp: 442409

Ion Ratio Lower Upper

91 100

126 35.6 17.9 53.7

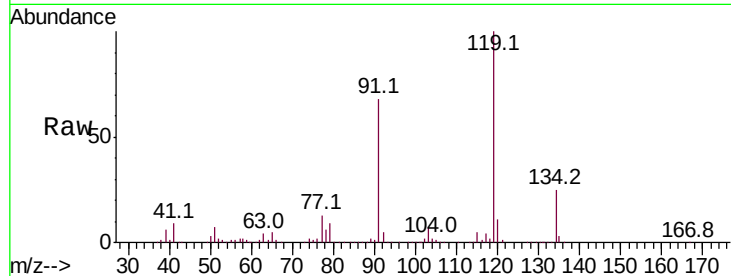




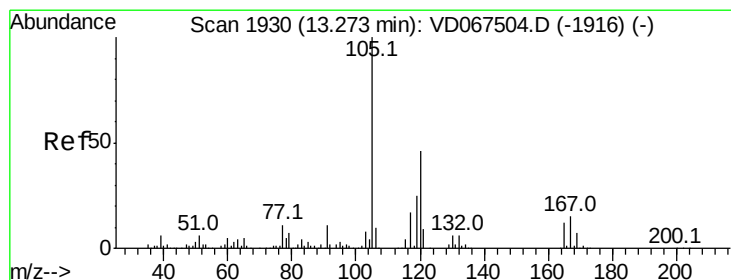
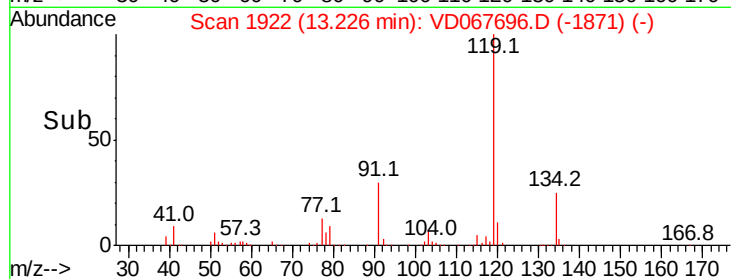
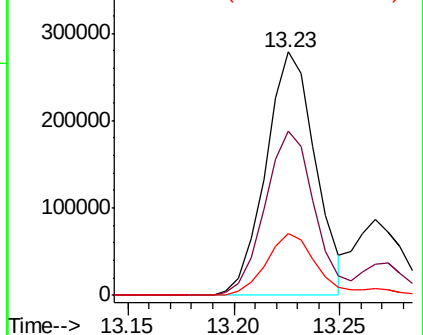
#83
 tert-Butylbenzene
 Concen: 50.945 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 454992
 Ion Ratio Lower Upper
 119 100
 91 67.7 32.7 98.1
 134 27.2 13.4 40.2

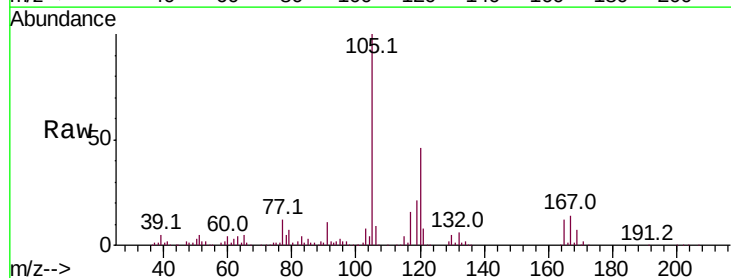


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

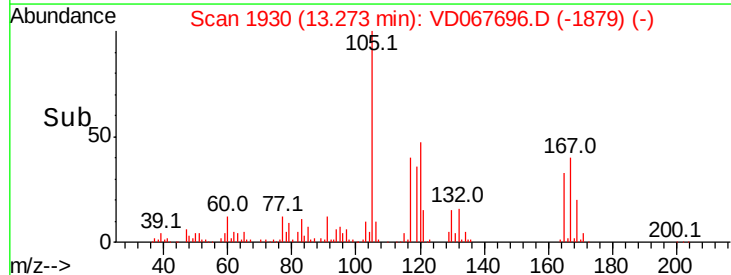
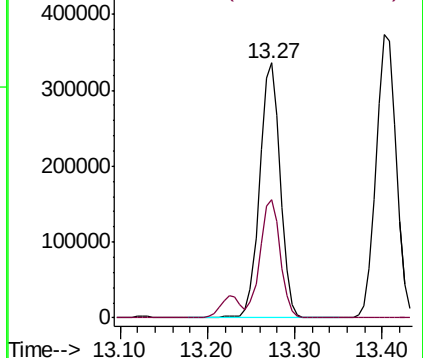


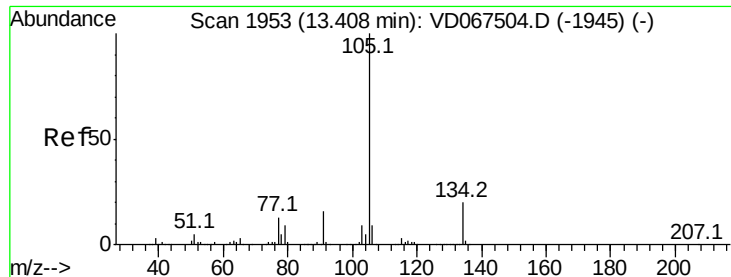
#84
 1,2,4-Trimethylbenzene
 Concen: 51.830 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Tgt Ion:105 Resp: 543679
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.1 66.1



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





#85

sec-Butylbenzene

Concen: 49.884 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

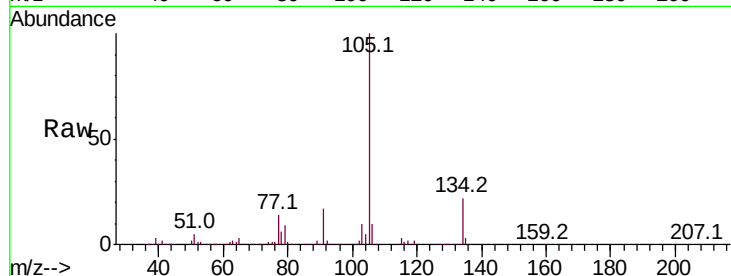
VSTDCCC050EC

Tot Ion:105 Resp: 601429

Ion Ratio Lower Upper

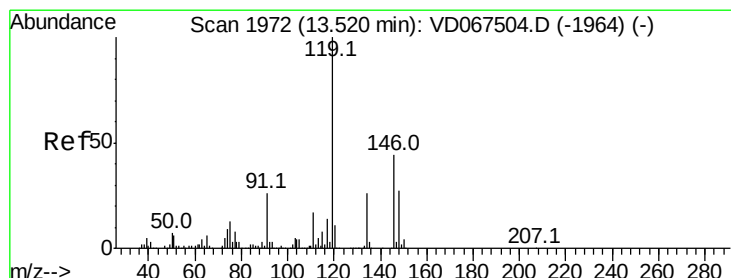
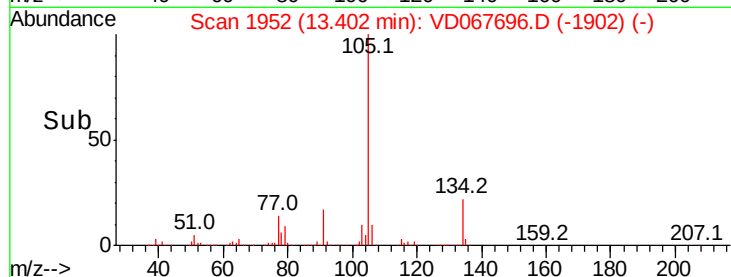
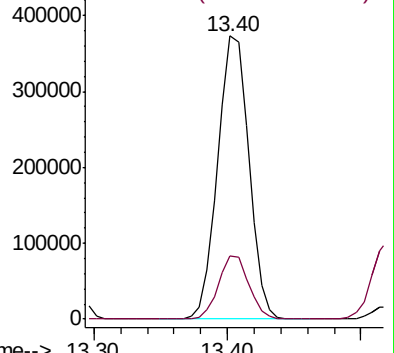
105 100

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: 50.490 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

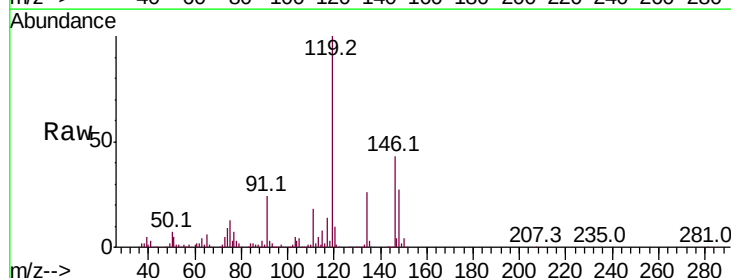
Tgt Ion:119 Resp: 587838

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

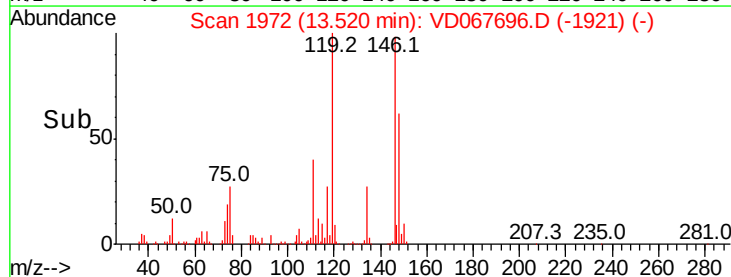
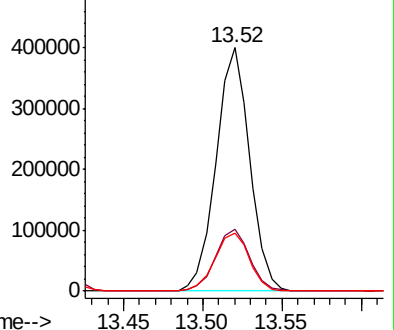
91 24.5 12.2 36.4

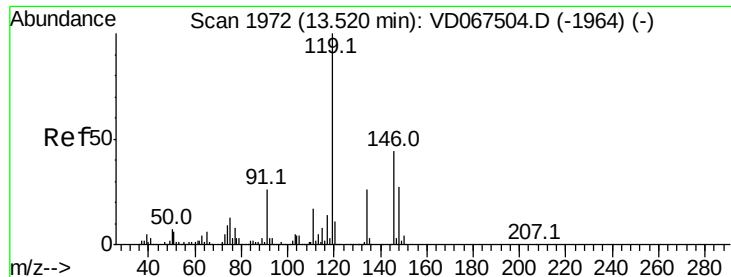


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.784 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

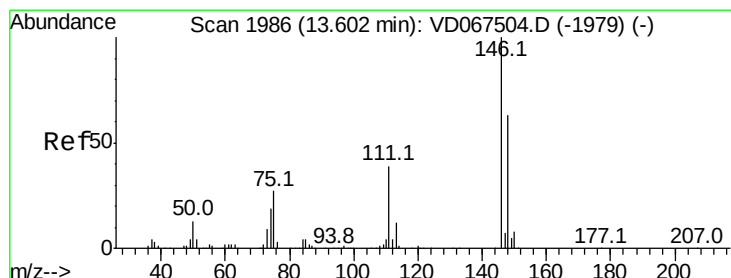
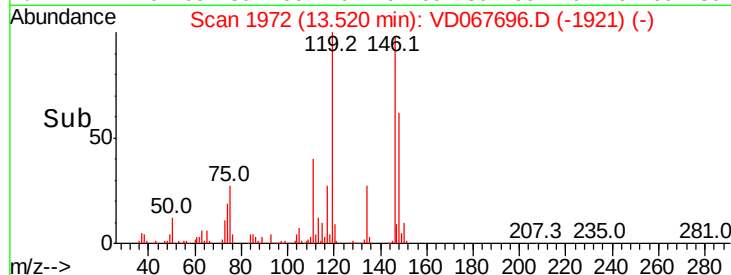
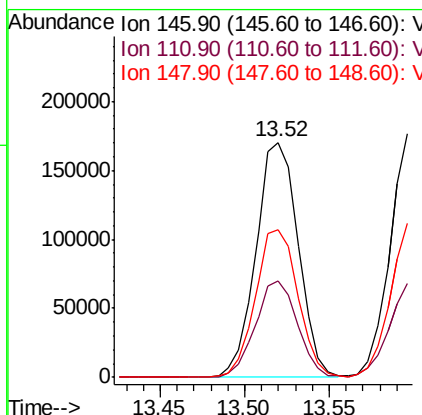
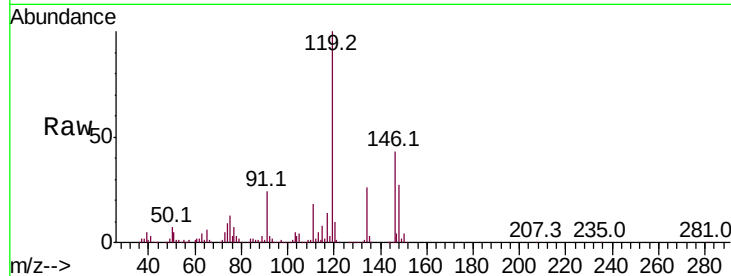
Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 293578

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	60.8
148	63.6	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 49.697 ug/l

RT: 13.60 min Scan# 1985

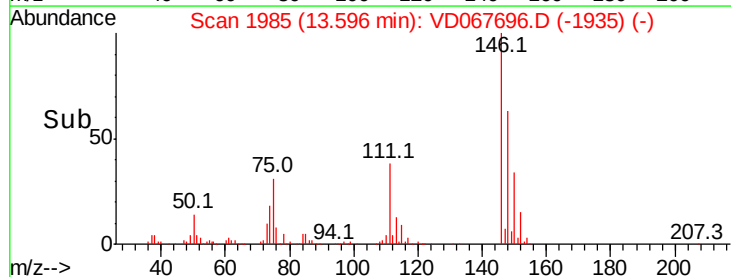
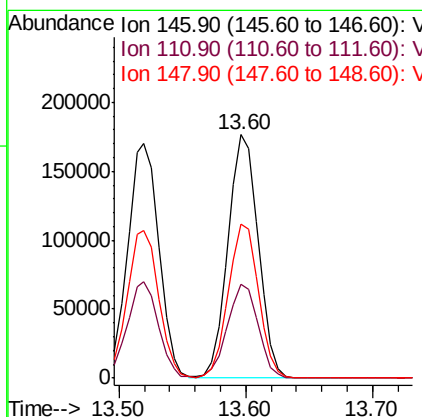
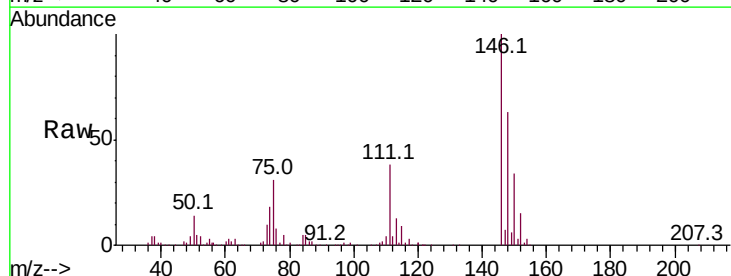
Delta R.T. -0.01 min

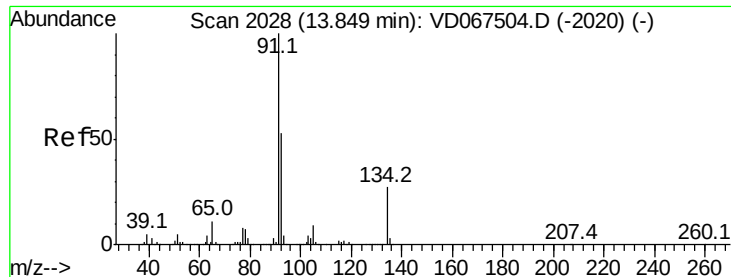
Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Tgt Ion:146 Resp: 290903

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	63.2	31.8	95.4

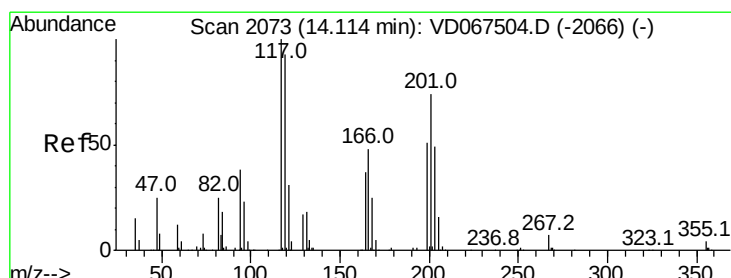
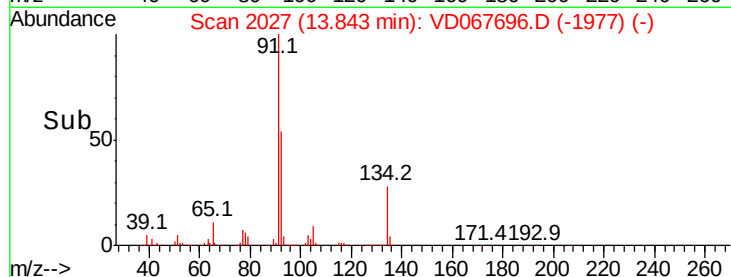
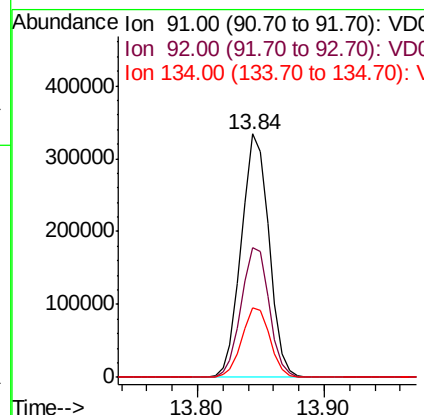
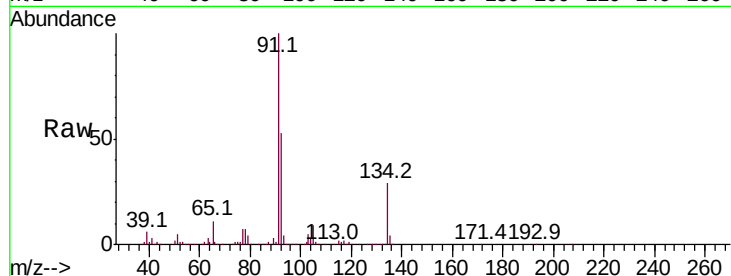




#89
n-Butylbenzene
Concen: 50.274 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

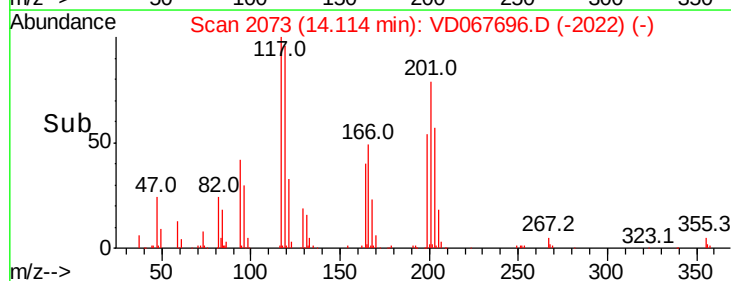
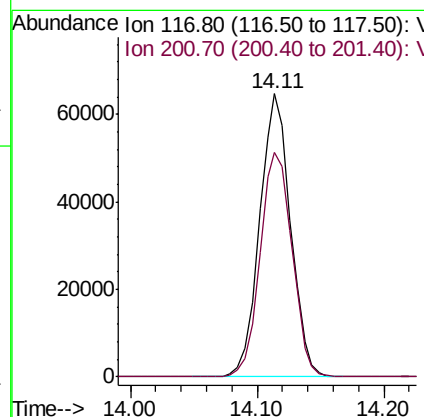
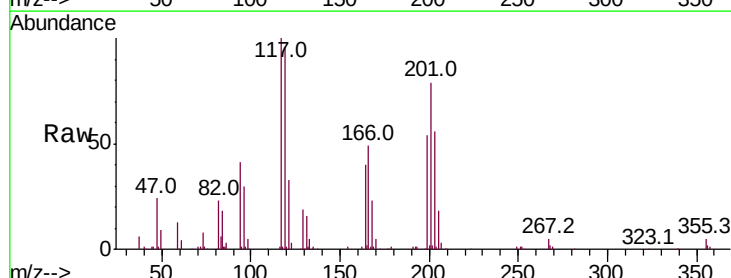
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

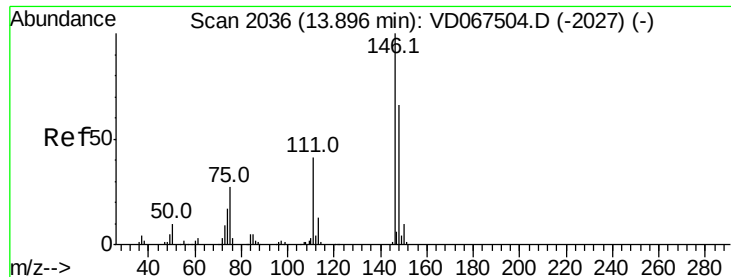
Tot Ion: 91 Resp: 505582
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.8
134 29.0 14.1 42.2



#90
Hexachloroethane
Concen: 50.073 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion: 117 Resp: 109786
Ion Ratio Lower Upper
117 100
201 82.0 40.7 122.1

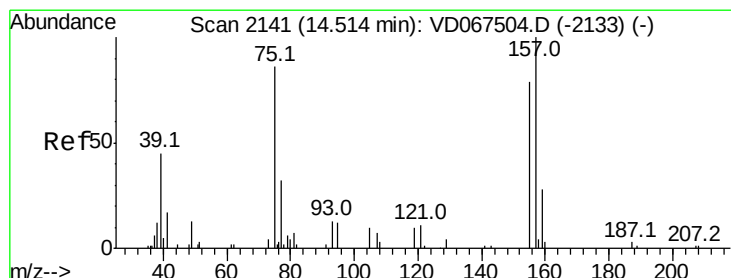
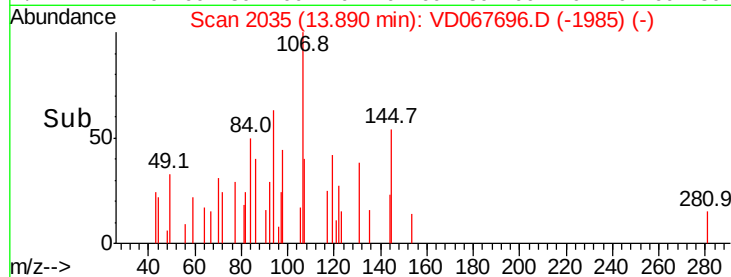
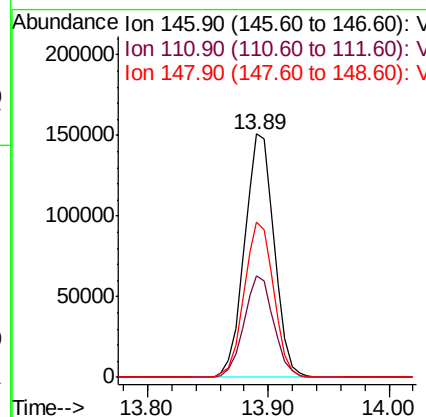
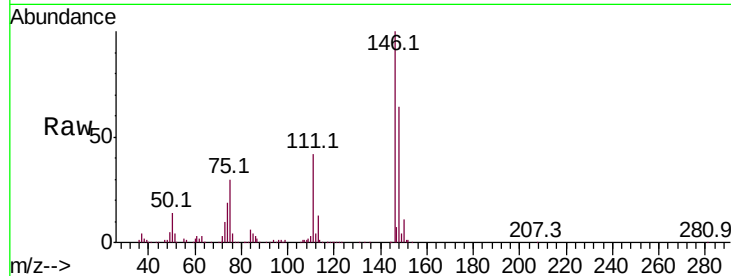




#91
 1,2-Dichlorobenzene
 Concen: 51.489 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

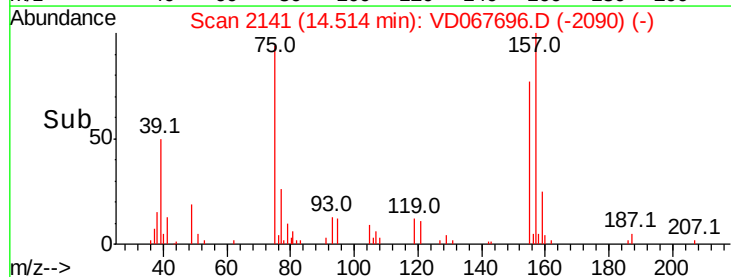
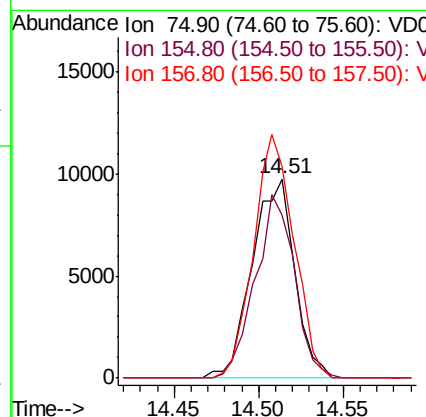
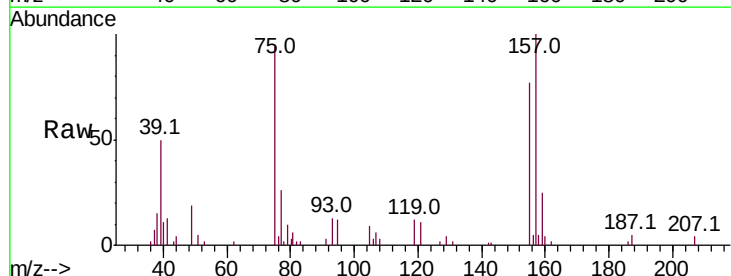
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

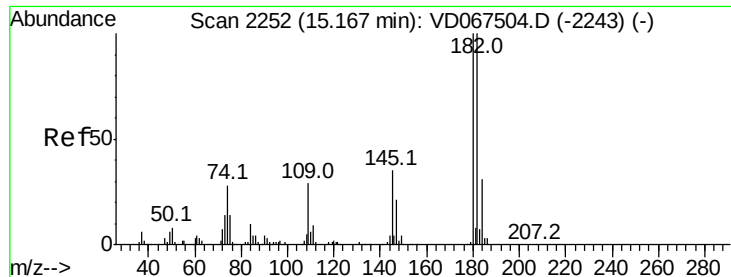
Tot Ion:146 Resp: 257606
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.7 62.1
 148 63.5 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.881 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Tgt Ion: 75 Resp: 16941
 Ion Ratio Lower Upper
 75 100
 155 85.0 46.6 139.8
 157 116.5 58.1 174.2

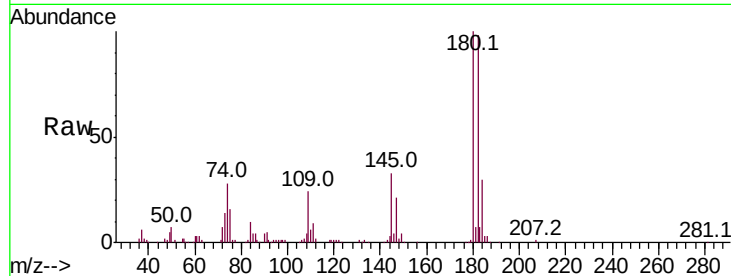




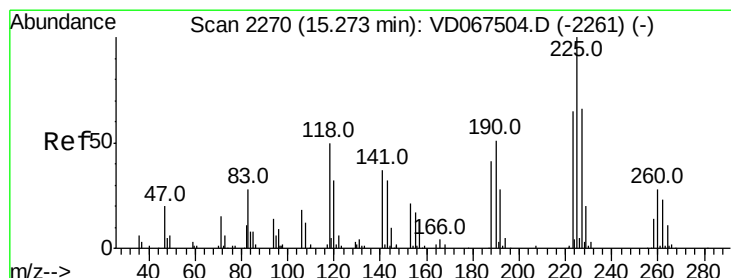
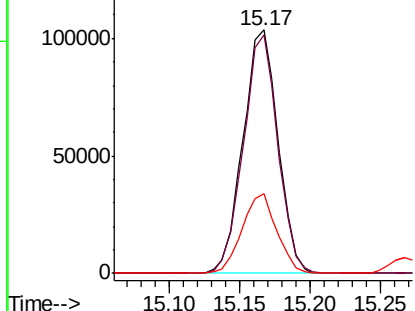
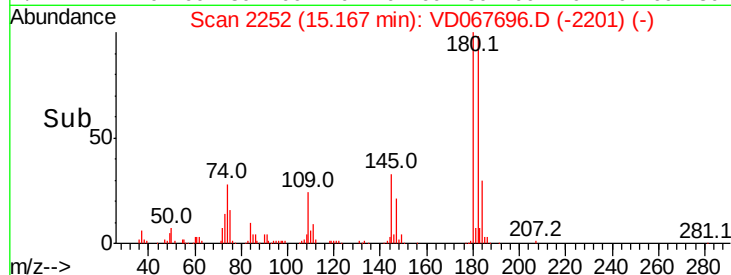
#93
 1,2,4-Trichlorobenzene
 Concen: 53.205 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.4	142.3
145	32.4	16.2	48.6

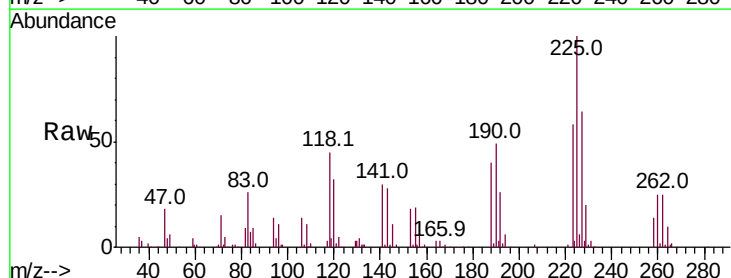


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

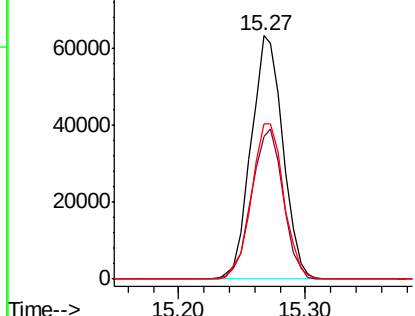
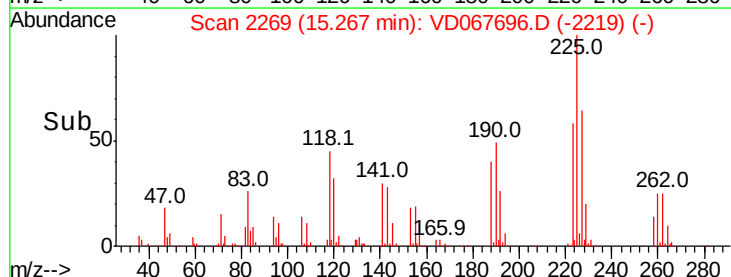


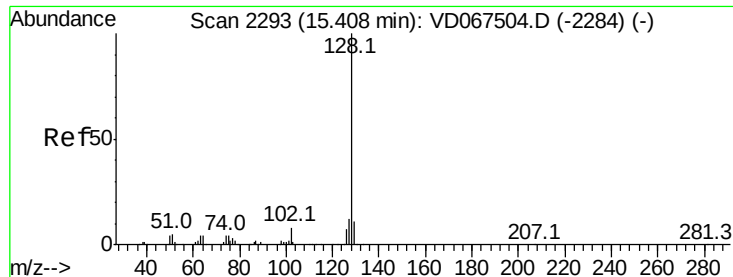
#94
 Hexachlorobutadiene
 Concen: 48.723 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.9	95.5
227	64.6	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: 57.035 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

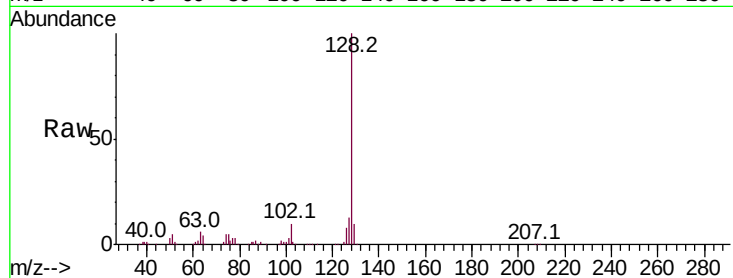
Tot Ion:128 Resp: 298887

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

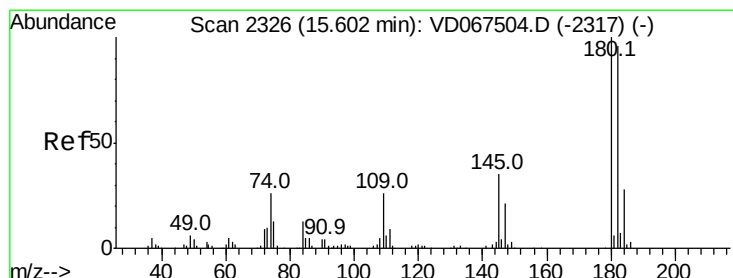
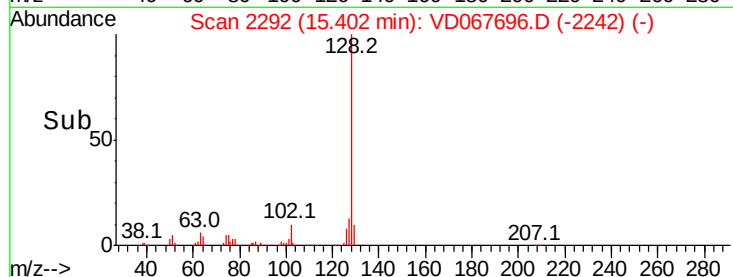
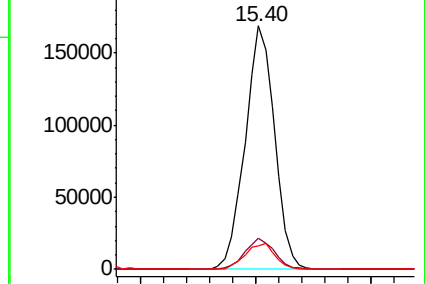
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.727 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

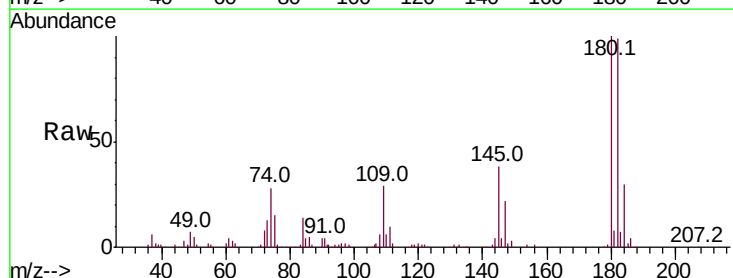
Tgt Ion:180 Resp: 153323

Ion Ratio Lower Upper

180 100

182 97.1 46.9 140.8

145 35.5 17.1 51.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

