

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067719.D
 Acq On : 20 Nov 2020 12:41
 Operator : VA/SY
 Sample : VD1120SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 21 00:37:21 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	267808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	377092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	349651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	182418	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	111898	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
35) Dibromofluoromethane	7.91	113	110677	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	10.34	98	379595	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
62) 4-Bromofluorobenzene	12.64	95	140852	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	52239	21.506	ug/l	92
3) Chloromethane	2.21	50	30773	18.452	ug/l	94
4) Vinyl Chloride	2.35	62	35401	19.040	ug/l	92
5) Bromomethane	2.76	94	29888	19.832	ug/l	95
6) Chloroethane	2.92	64	23569	20.561	ug/l	95
7) Trichlorofluoromethane	3.27	101	104782	21.765	ug/l	98
8) Diethyl Ether	3.71	74	21321	21.979	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.09	101	51790	21.312	ug/l	99
10) Methyl Iodide	4.30	142	49471	18.994	ug/l #	95
11) Tert butyl alcohol	5.21	59	22825	224.093	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	46222	20.679	ug/l	96
13) Acrolein	3.92	56	3863	61.304	ug/l	86
14) Allyl chloride	4.71	41	46982	19.639	ug/l	94
15) Acrylonitrile	5.42	53	40749	113.637	ug/l	98
16) Acetone	4.16	43	38326	109.371	ug/l	99
17) Carbon Disulfide	4.40	76	127051	18.549	ug/l	98
18) Methyl Acetate	4.71	43	15560	21.488	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	101045	22.918	ug/l #	91
20) Methylene Chloride	4.97	84	59135	23.890	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	53259	20.457	ug/l	93
22) Diisopropyl ether	6.37	45	101945	21.868	ug/l	97
23) Vinyl Acetate	6.31	43	262195	107.445	ug/l	99
24) 1,1-Dichloroethane	6.27	63	80882	21.207	ug/l	97
25) 2-Butanone	7.22	43	42247	112.829	ug/l	99
26) 2,2-Dichloropropane	7.21	77	90120	22.389	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	56174	20.787	ug/l	95
28) Bromochloromethane	7.55	49	25111	18.510	ug/l	88
29) Tetrahydrofuran	7.56	42	24790	110.528	ug/l	94
30) Chloroform	7.71	83	101530	22.315	ug/l	92
31) Cyclohexane	7.98	56	64544	19.004	ug/l #	82
32) 1,1,1-Trichloroethane	7.90	97	105979	22.575	ug/l	96
36) 1,1-Dichloropropene	8.11	75	72695	22.521	ug/l	99
37) Ethyl Acetate	7.29	43	18624	22.224	ug/l #	78
38) Carbon Tetrachloride	8.10	117	99639	23.758	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067719.D
 Acq On : 20 Nov 2020 12:41
 Operator : VA/SY
 Sample : VD1120SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 21 00:37:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	80789	21.265	ug/l	93
40) Benzene	8.36	78	198478	22.700	ug/l	100
41) Methacrylonitrile	7.56	41	28281	56.459	ug/l #	27
42) 1,2-Dichloroethane	8.43	62	65043	24.077	ug/l	99
43) Isopropyl Acetate	8.46	43	37060	22.361	ug/l	97
44) Trichloroethene	9.11	130	64690	22.502	ug/l	96
45) 1,2-Dichloropropane	9.39	63	42666	22.570	ug/l #	88
46) Dibromomethane	9.48	93	28721	23.895	ug/l	97
47) Bromodichloromethane	9.67	83	77022	23.576	ug/l	99
48) Methyl methacrylate	9.46	41	18167	21.230	ug/l #	87
49) 1,4-Dioxane	9.47	88	5444	446.155	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	95205	120.114	ug/l	97
52) Toluene	10.41	92	136156	23.249	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	66575	23.794	ug/l	93
54) cis-1,3-Dichloropropene	10.09	75	76453	22.998	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	39850	25.057	ug/l	92
56) Ethyl methacrylate	10.66	69	37156	22.624	ug/l	95
57) 1,3-Dichloropropane	10.95	76	60307	23.565	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	85585	111.751	ug/l	97
59) 2-Hexanone	10.99	43	67082	121.043	ug/l	99
60) Dibromochloromethane	11.14	129	56911	24.191	ug/l	100
61) 1,2-Dibromoethane	11.25	107	37198	23.305	ug/l	95
64) Tetrachloroethene	10.88	164	57866	22.346	ug/l	96
65) Chlorobenzene	11.67	112	153139	22.737	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	60814	22.909	ug/l	97
67) Ethyl Benzene	11.75	91	263118	22.830	ug/l	99
68) m/p-Xylenes	11.86	106	205228	45.770	ug/l	100
69) o-Xylene	12.18	106	92197	23.030	ug/l	99
70) Styrene	12.20	104	160839	23.057	ug/l	100
71) Bromoform	12.37	173	33250	24.559	ug/l #	99
73) Isopropylbenzene	12.48	105	262479	22.264	ug/l	100
74) N-amyl acetate	12.29	43	35706	23.017	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	35506	22.086	ug/l	94
76) 1,2,3-Trichloropropane	12.78	75	51492	46.792	ug/l #	100
77) Bromobenzene	12.76	156	65974	22.786	ug/l	97
78) n-propylbenzene	12.83	91	298064	22.103	ug/l	100
79) 2-Chlorotoluene	12.91	91	173231	22.615	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	231834	23.020	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	11431	21.090	ug/l	95
82) 4-Chlorotoluene	13.01	91	183009	22.276	ug/l	98
83) tert-Butylbenzene	13.23	119	199002	23.315	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	233507	23.293	ug/l	99
85) sec-Butylbenzene	13.40	105	259089	22.486	ug/l	100
86) p-Isopropyltoluene	13.52	119	251272	22.583	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	124292	22.498	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	125609	22.454	ug/l	99
89) n-Butylbenzene	13.84	91	211908	22.049	ug/l	99
90) Hexachloroethane	14.11	117	46497	22.191	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	107484	22.480	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6911	24.280	ug/l	94

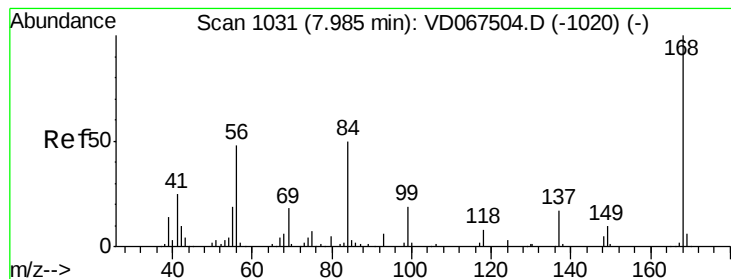
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
Data File : VD067719.D
Acq On : 20 Nov 2020 12:41
Operator : VA/SY
Sample : VD1120SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 21 00:37:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	76052	23.435	ug/l	98
94) Hexachlorobutadiene	15.27	225	47885	22.047	ug/l	97
95) Naphthalene	15.40	128	119432	23.847	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	65233	23.473	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

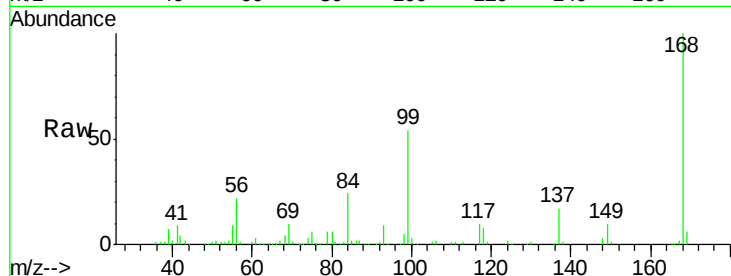
ClientSampleId :

Tot Ion:168 Resp: 267808

Ion Ratio Lower Upper

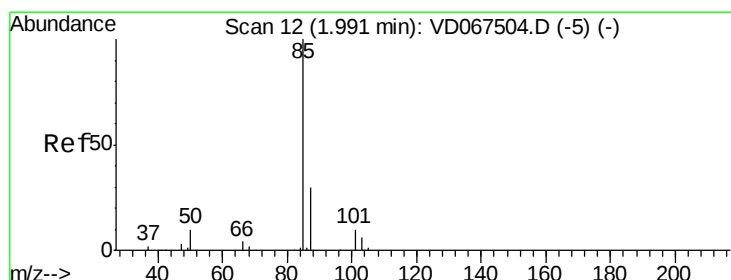
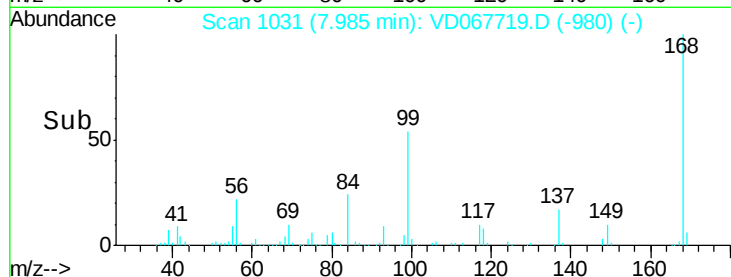
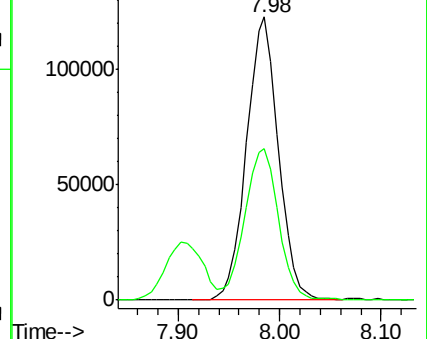
168 100

99 53.5 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: 21.506 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067719.D

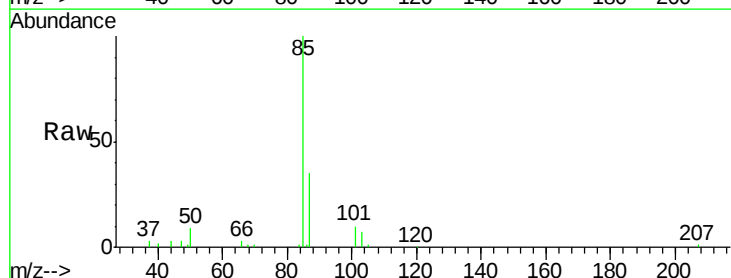
Acq: 20 Nov 2020 12:41

Tgt Ion: 85 Resp: 52239

Ion Ratio Lower Upper

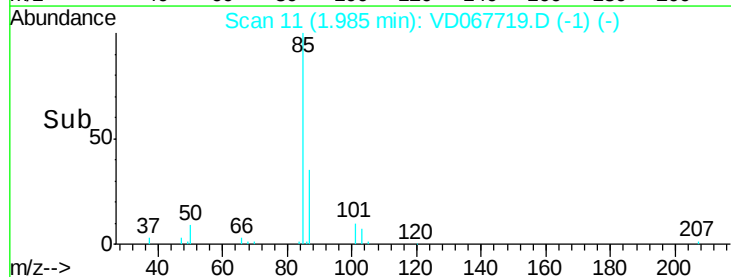
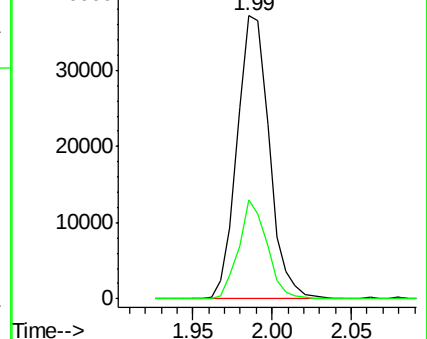
85 100

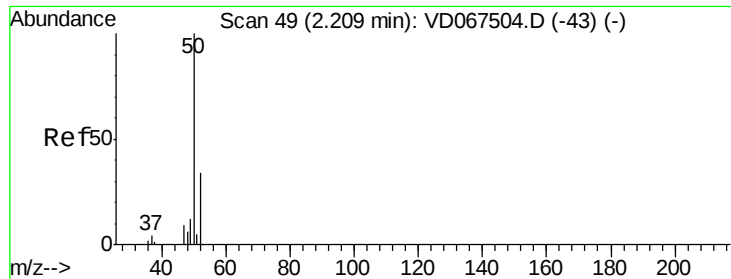
87 35.0 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.452 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

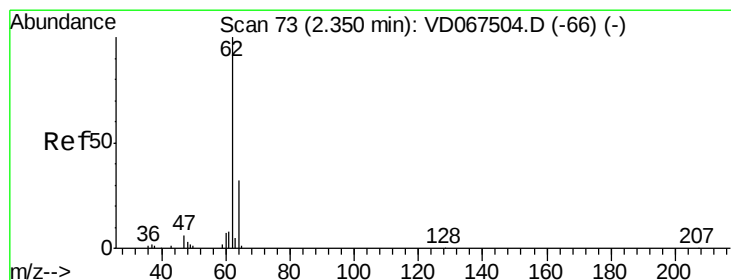
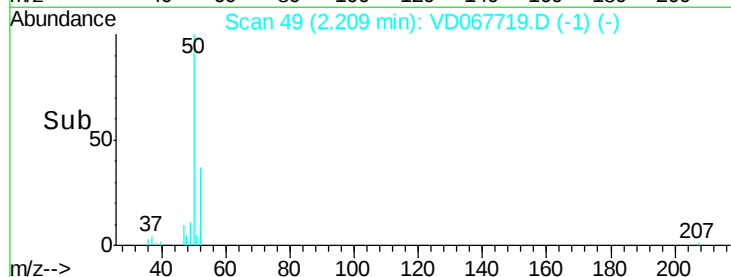
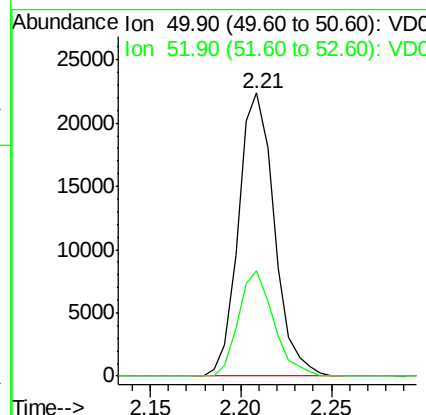
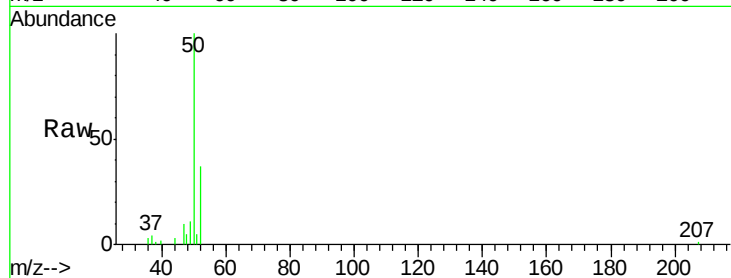
ClientSampleId :

Tot Ion: 50 Resp: 30773

Ion Ratio Lower Upper

50 100

52 37.4 27.3 40.9



#4

Vinyl Chloride

Concen: 19.040 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067719.D

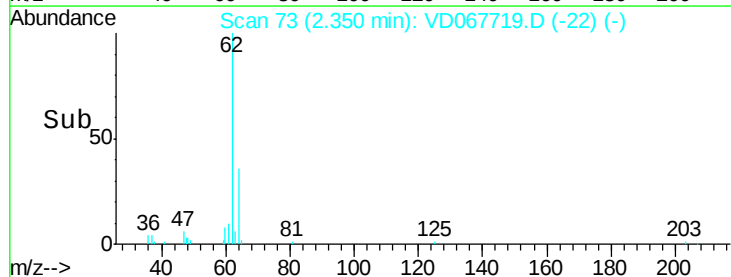
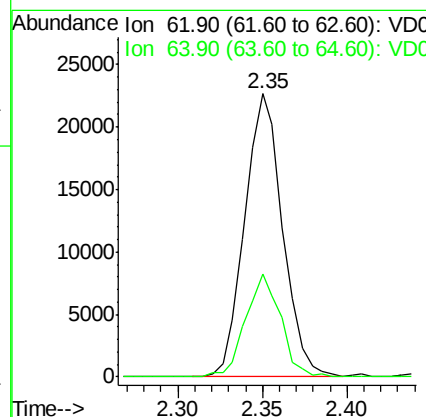
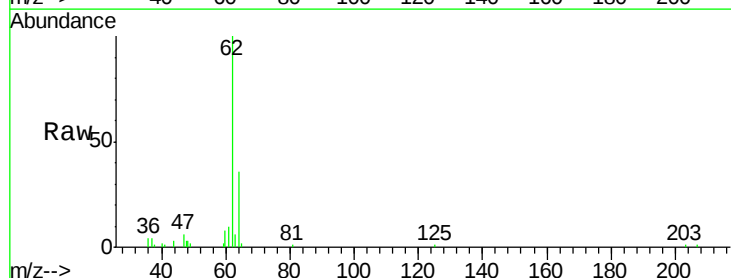
Acq: 20 Nov 2020 12:41

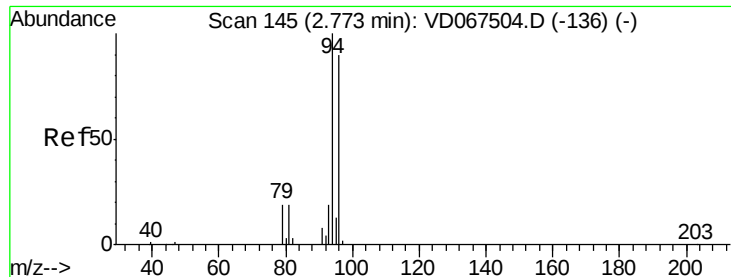
Tgt Ion: 62 Resp: 35401

Ion Ratio Lower Upper

62 100

64 36.4 25.6 38.4





#5

Bromomethane

Concen: 19.832 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

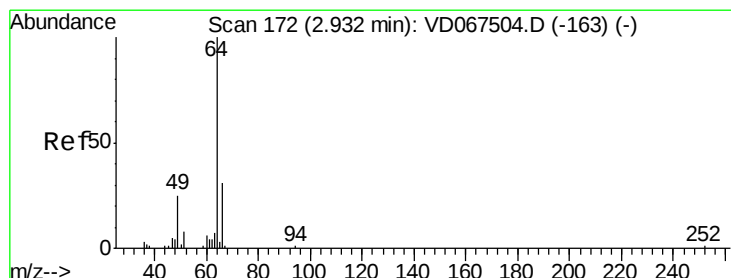
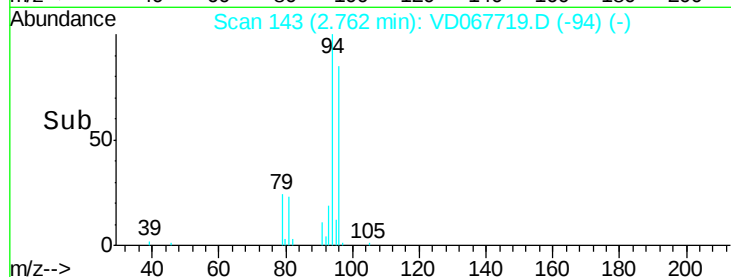
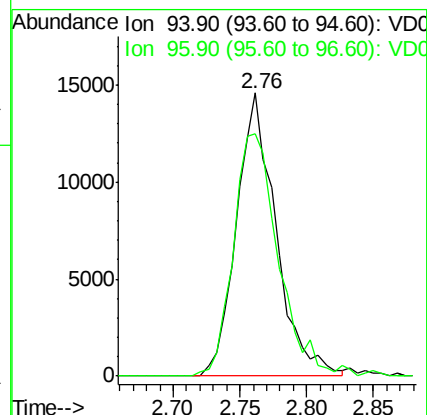
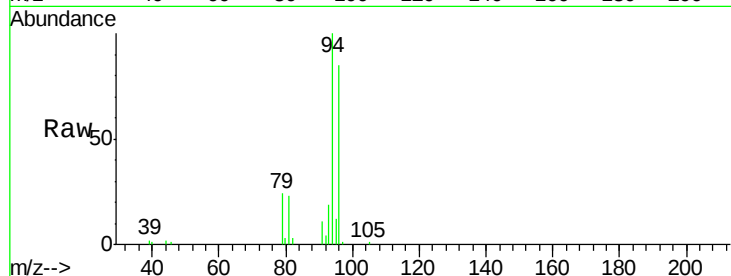
ClientSampleId :

Tot Ion: 94 Resp: 29888

Ion Ratio Lower Upper

94 100

96 85.4 72.2 108.2



#6

Chloroethane

Concen: 20.561 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067719.D

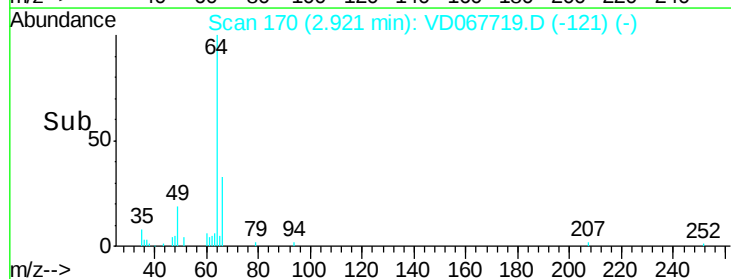
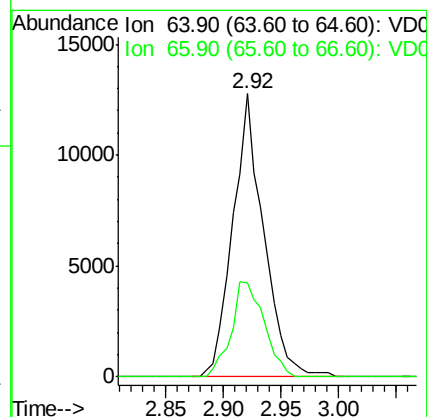
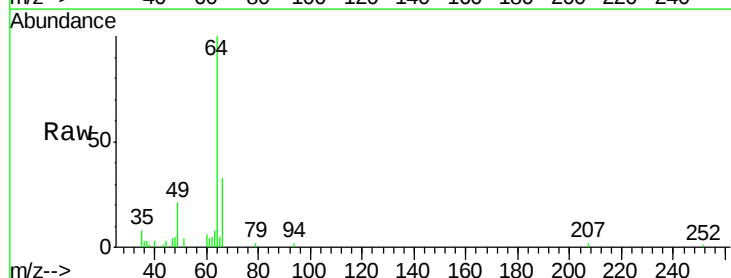
Acq: 20 Nov 2020 12:41

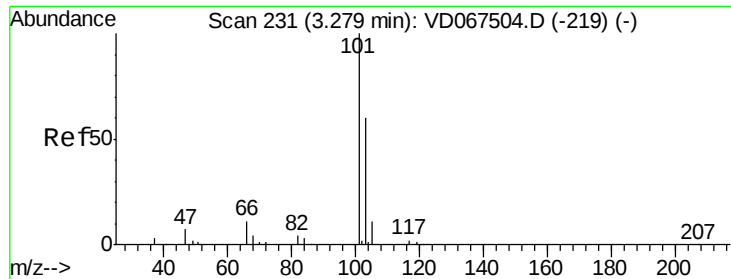
Tgt Ion: 64 Resp: 23569

Ion Ratio Lower Upper

64 100

66 33.4 24.6 36.8



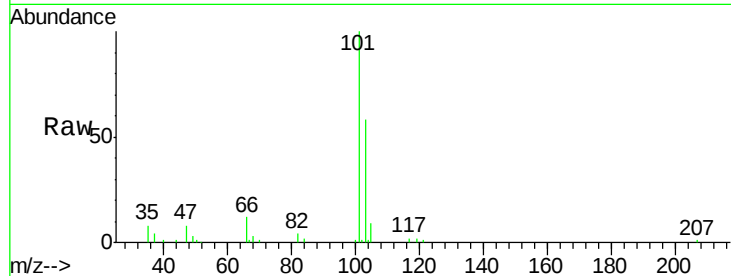


#7

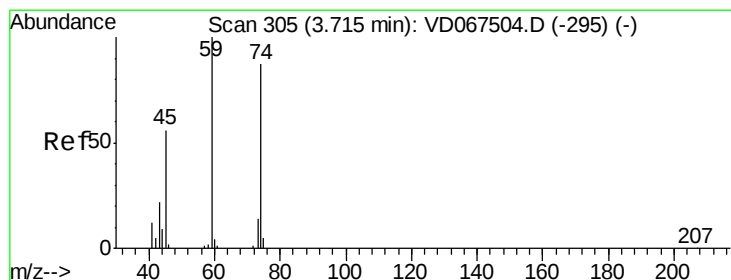
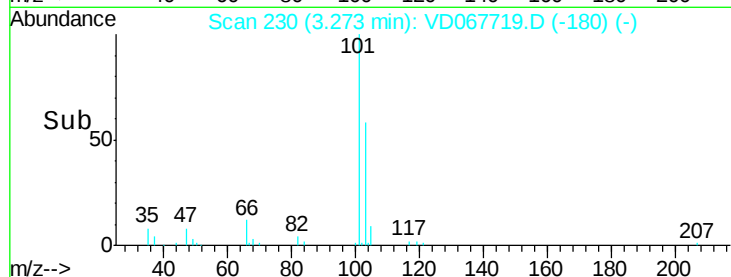
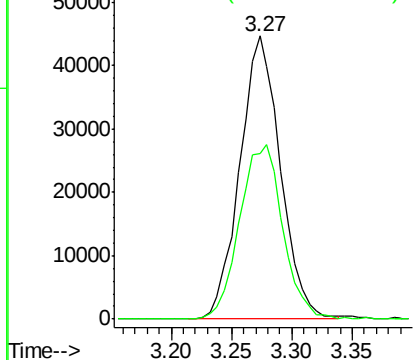
Trichlorofluoromethane
Concen: 21.765 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:101 Resp: 104782
Ion Ratio Lower Upper
101 100
103 58.5 48.1 72.1



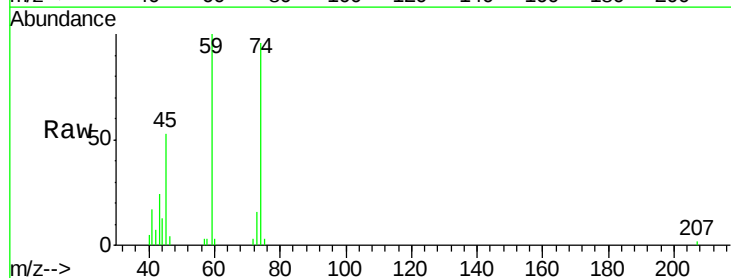
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



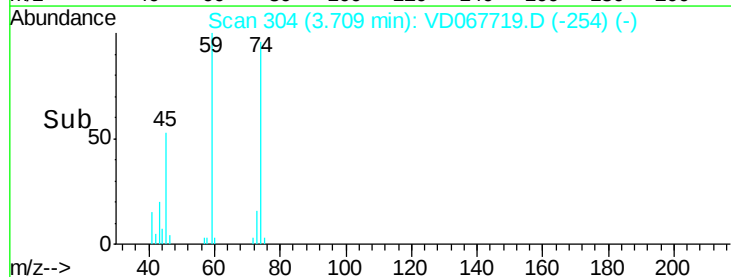
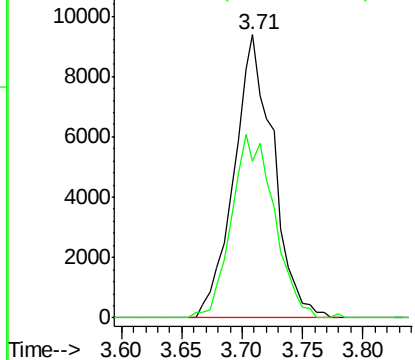
#8

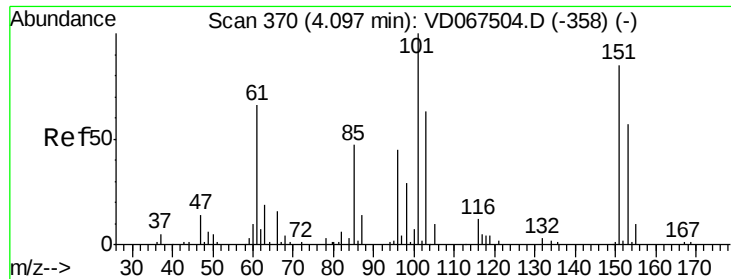
Diethyl Ether
Concen: 21.979 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Tgt Ion: 74 Resp: 21321
Ion Ratio Lower Upper
74 100
45 69.7 38.2 114.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.312 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

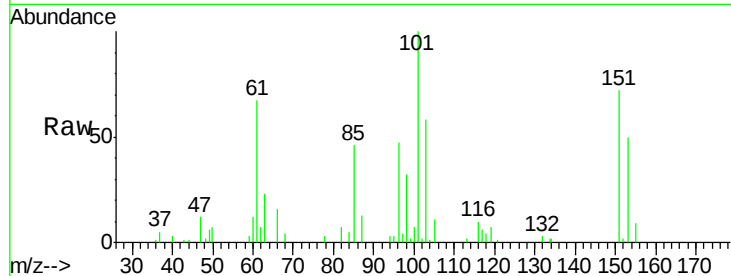
Tot Ion:101 Resp: 51790

Ion Ratio Lower Upper

101 100

85 44.7 34.4 51.6

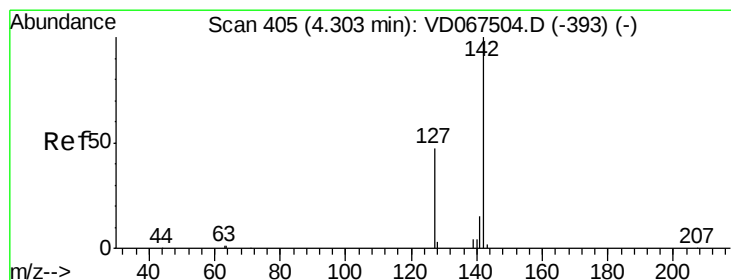
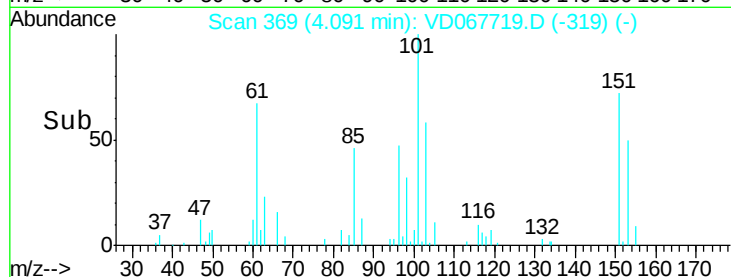
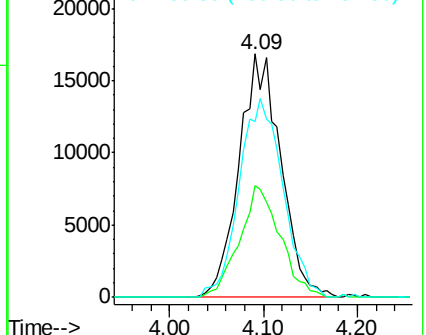
151 85.5 68.1 102.1



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: 18.994 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

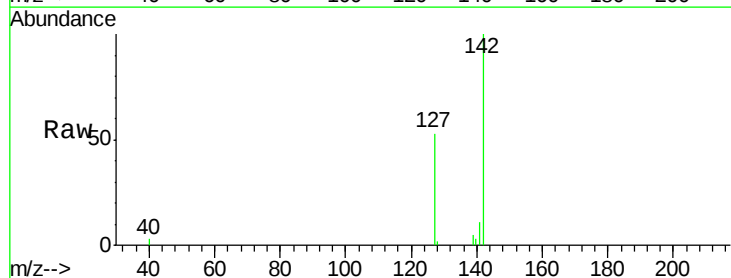
Tgt Ion:142 Resp: 49471

Ion Ratio Lower Upper

142 100

127 51.7 40.0 60.0

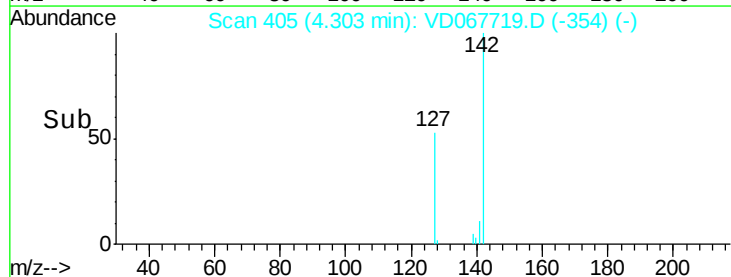
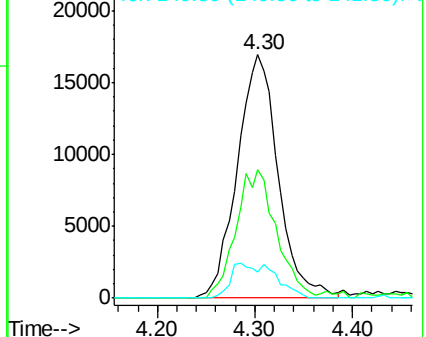
141 8.8 11.7 17.5#

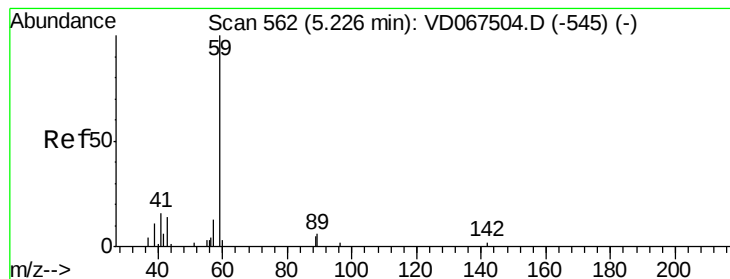


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



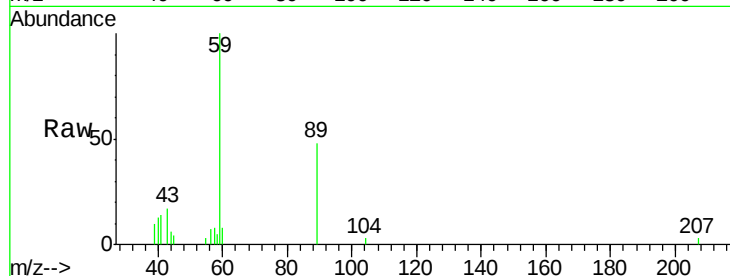


#11

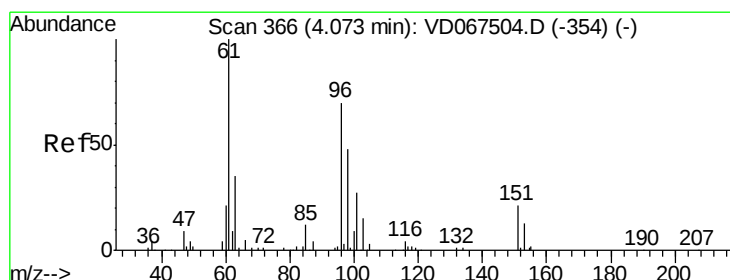
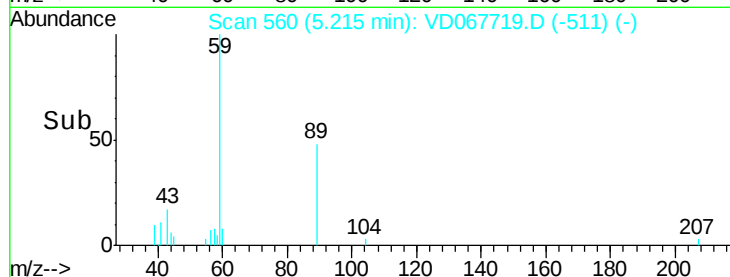
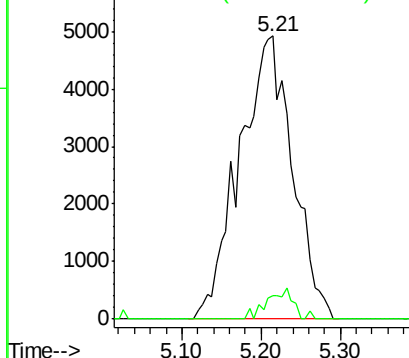
Tert butyl alcohol
Concen: 224.093 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 59 Resp: 22825
Ion Ratio Lower Upper
59 100
57 5.1 5.9 8.9#



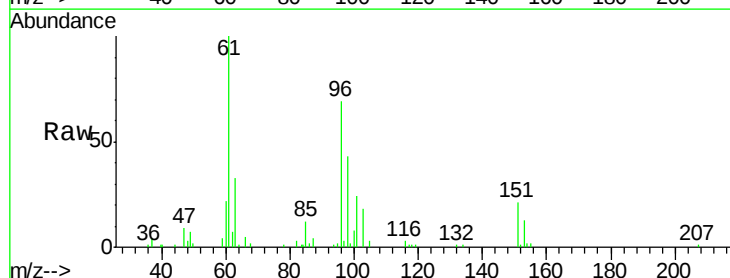
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



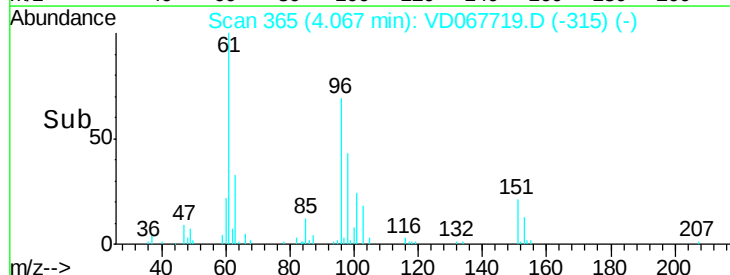
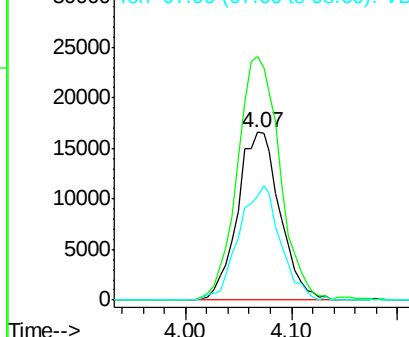
#12

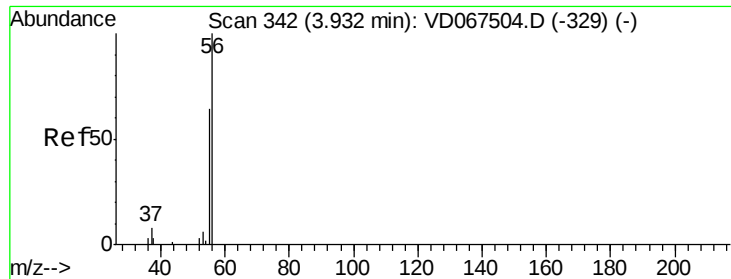
1,1-Dichloroethene
Concen: 20.679 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Tgt Ion: 96 Resp: 46222
Ion Ratio Lower Upper
96 100
61 145.1 114.5 171.7
98 62.0 54.5 81.7



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





#13

Acrolein

Concen: 61.304 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

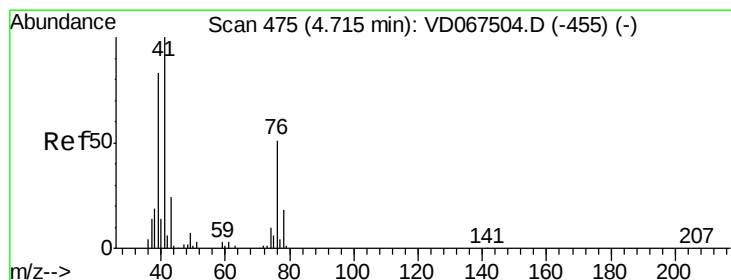
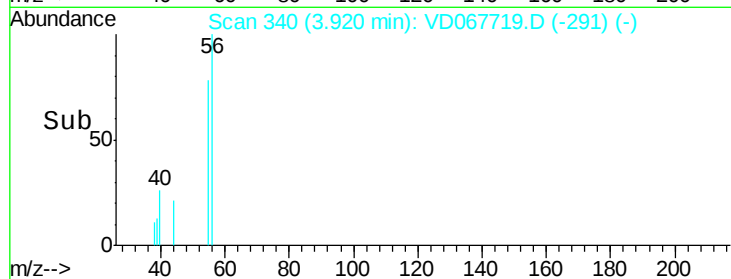
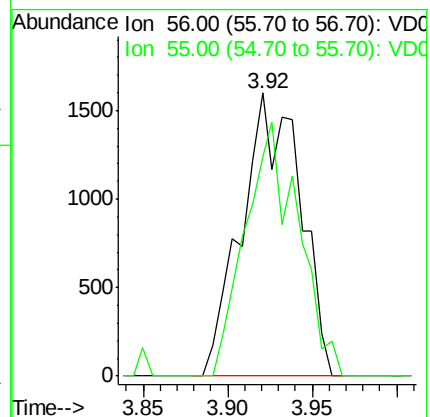
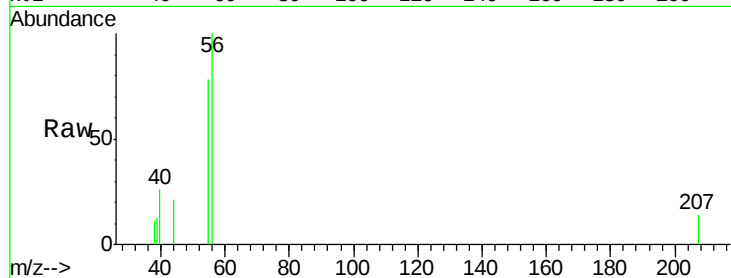
ClientSampleId :

Tot Ion: 56 Resp: 3863

Ion Ratio Lower Upper

56 100

55 81.0 55.8 83.8



#14

Allyl chloride

Concen: 19.639 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

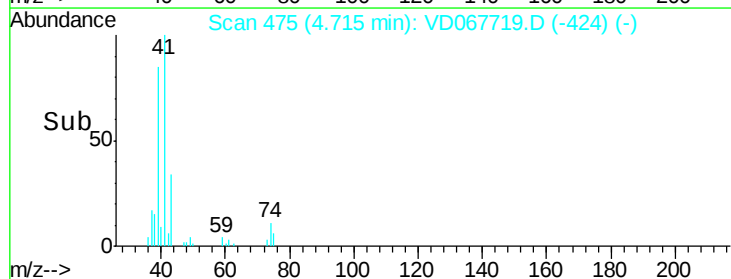
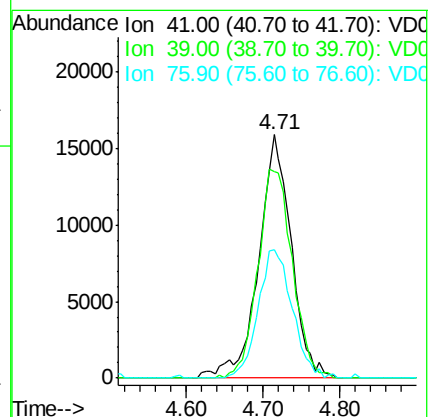
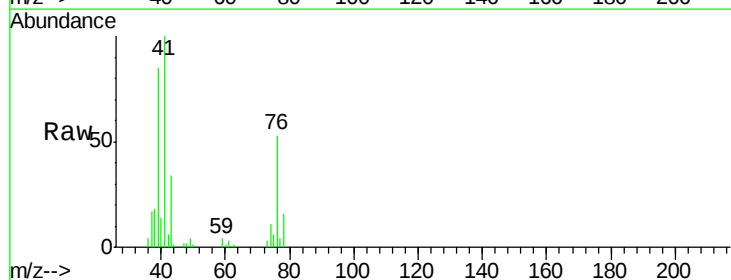
Tgt Ion: 41 Resp: 46982

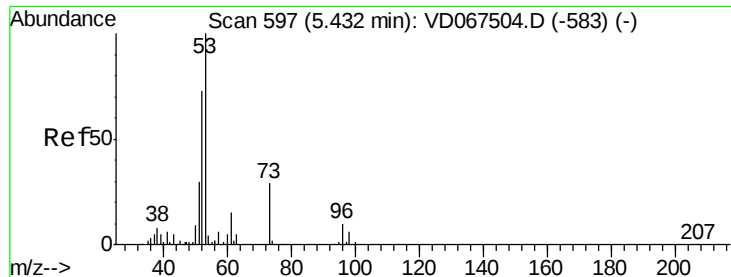
Ion Ratio Lower Upper

41 100

39 91.0 67.4 101.0

76 55.2 42.2 63.2





#15

Acrylonitrile

Concen: 113.637 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

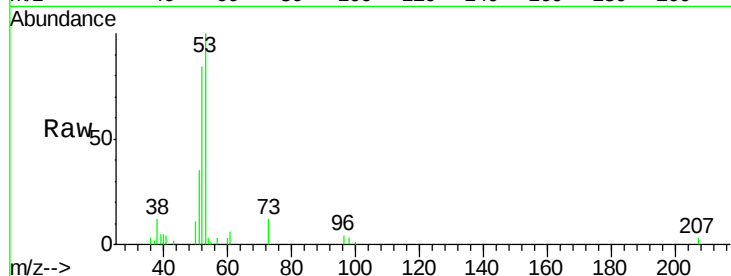
Tot Ion: 53 Resp: 40749

Ion Ratio Lower Upper

53 100

52 79.8 64.8 97.2

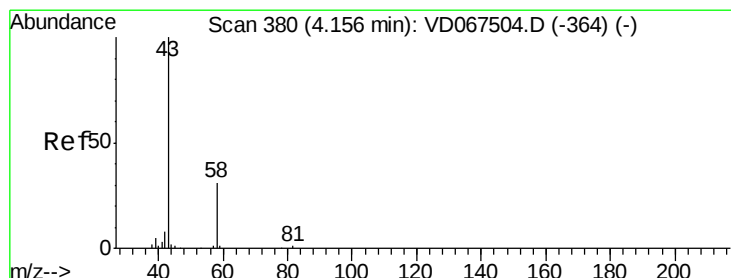
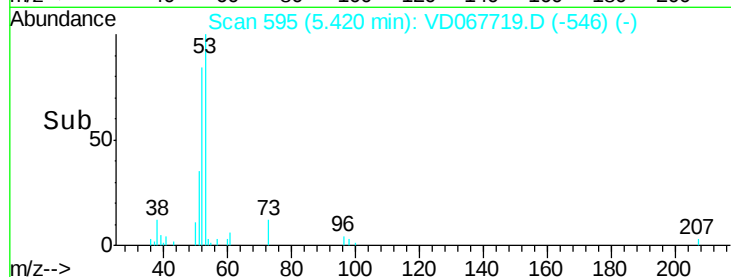
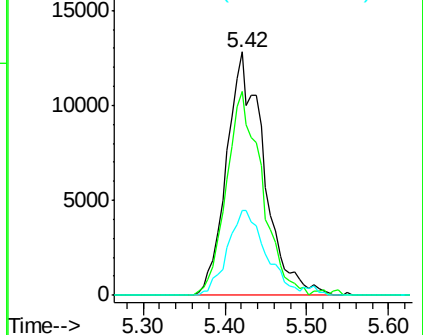
51 35.6 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 109.371 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067719.D

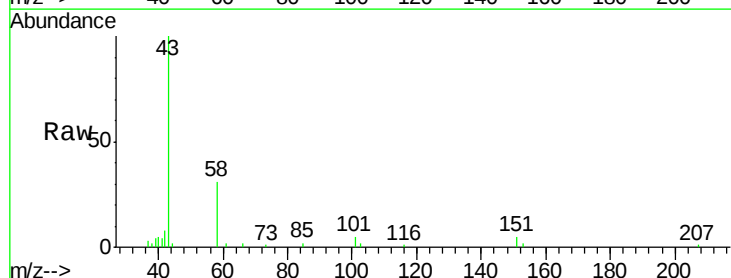
Acq: 20 Nov 2020 12:41

Tgt Ion: 43 Resp: 38326

Ion Ratio Lower Upper

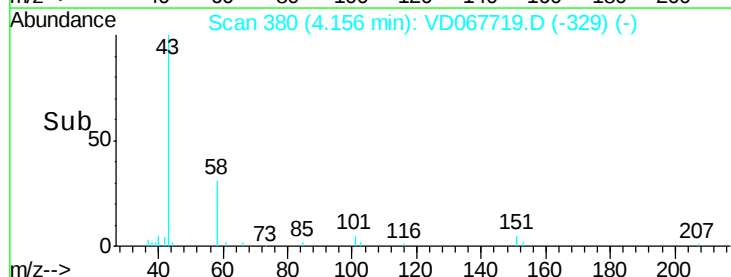
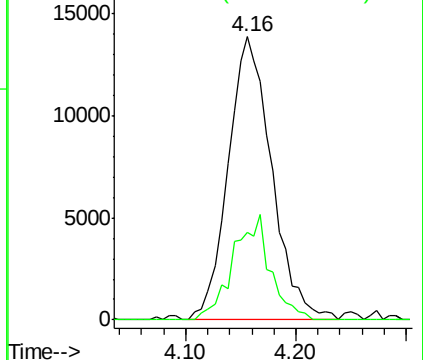
43 100

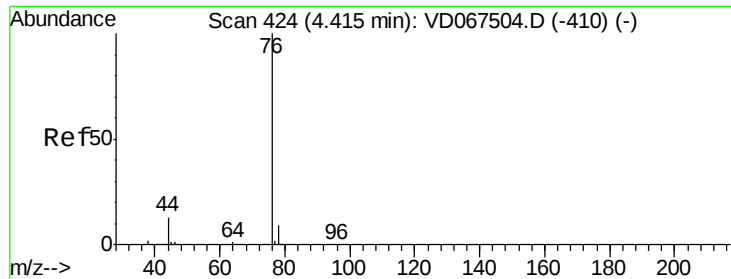
58 31.1 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 18.549 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

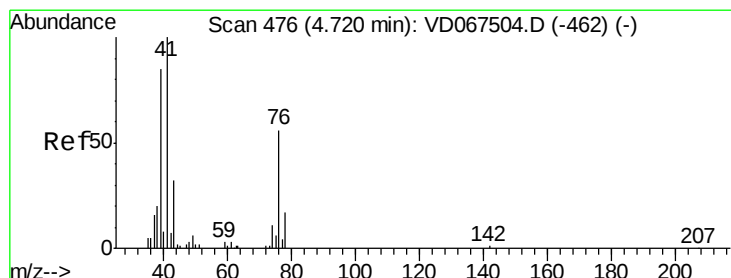
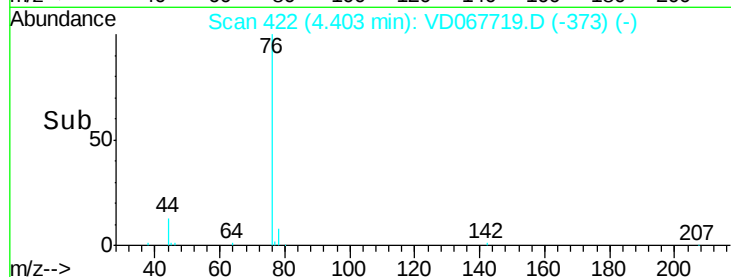
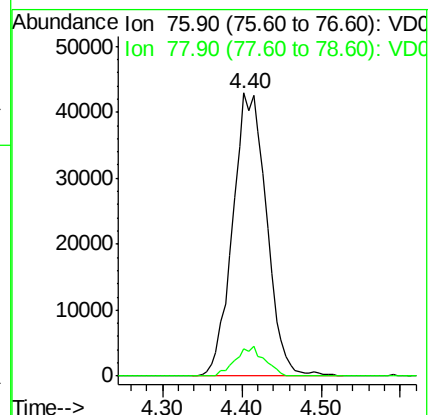
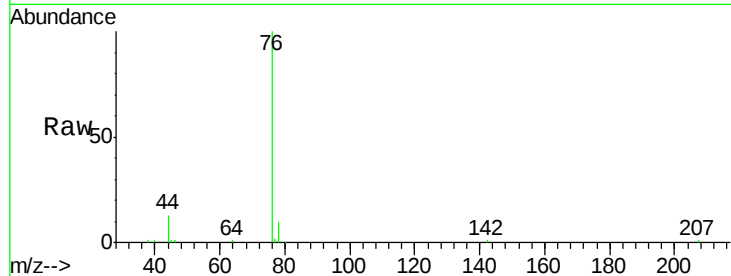
ClientSampleId :

Tot Ion: 76 Resp: 127051

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8



#18

Methyl Acetate

Concen: 21.488 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067719.D

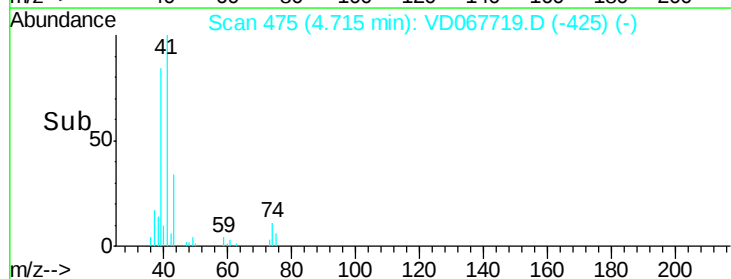
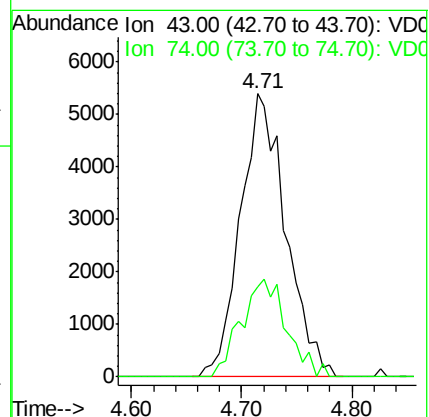
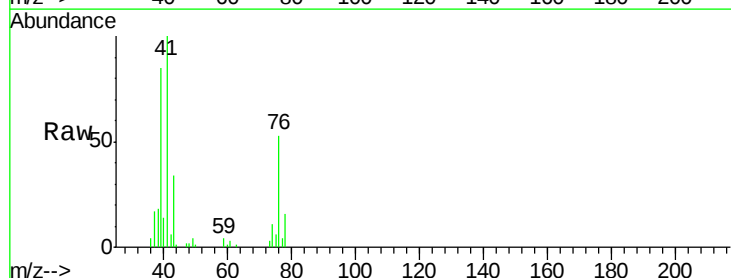
Acq: 20 Nov 2020 12:41

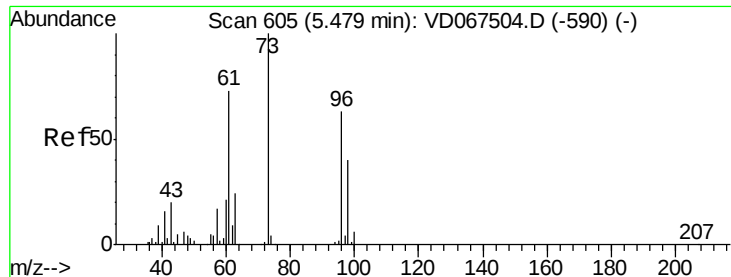
Tgt Ion: 43 Resp: 15560

Ion Ratio Lower Upper

43 100

74 34.6 27.2 40.8

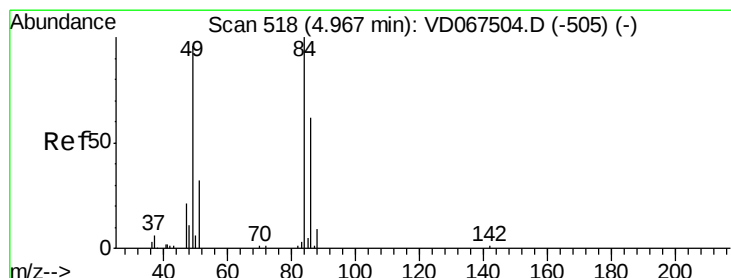
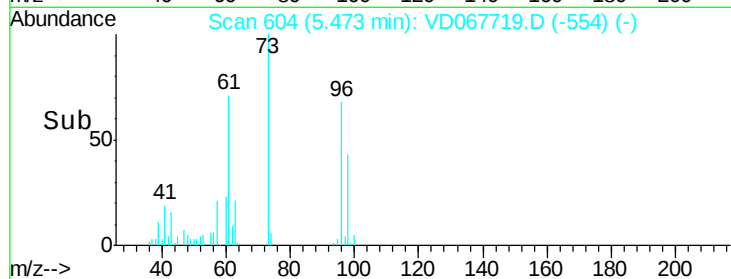
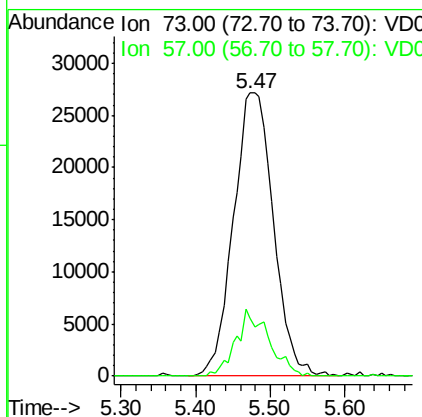
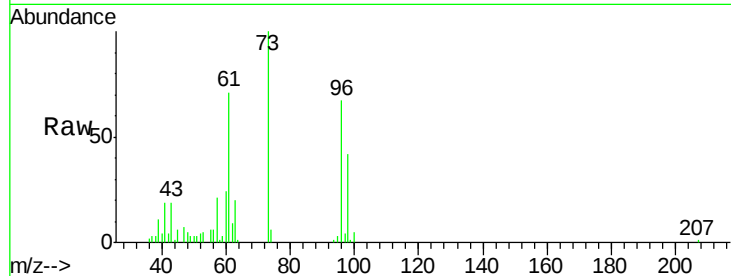




#19
Methvl tert-butvl Ether
Concen: 22.918 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

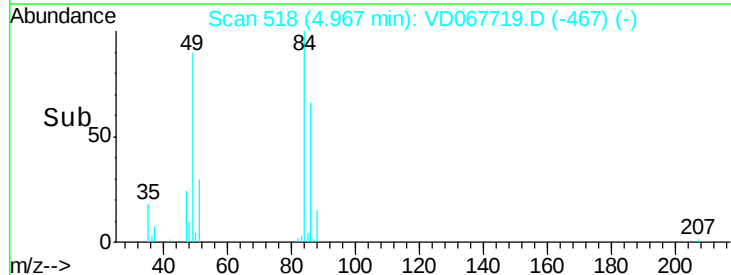
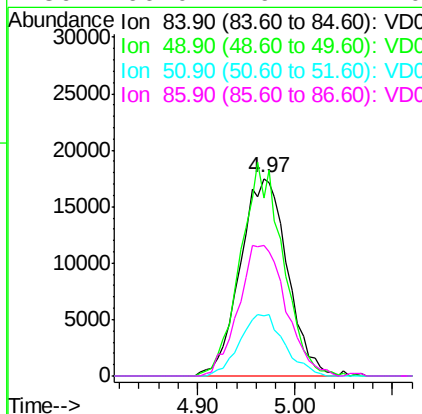
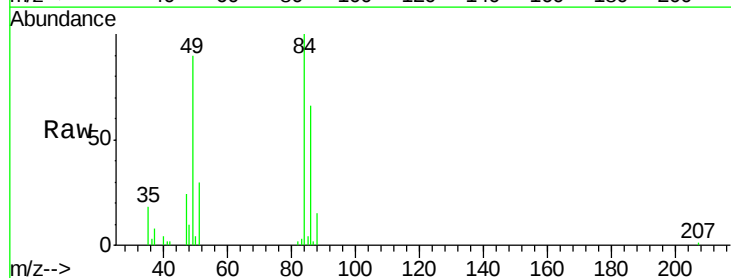
Instrument :
MSVOA_D
ClientSampleId :

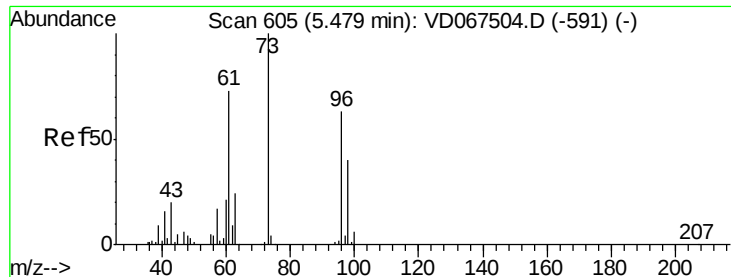
Tot Ion: 73 Resp: 101045
Ion Ratio Lower Upper
73 100
57 20.5 13.4 20.0#



#20
Methylene Chloride
Concen: 23.890 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Tgt Ion: 84 Resp: 59135
Ion Ratio Lower Upper
84 100
49 90.4 77.0 115.4
51 30.1 25.4 38.2
86 66.0 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 20.457 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

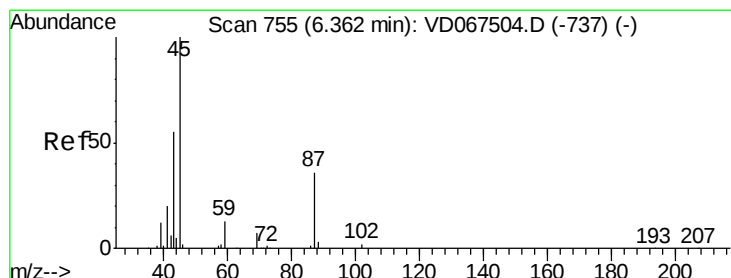
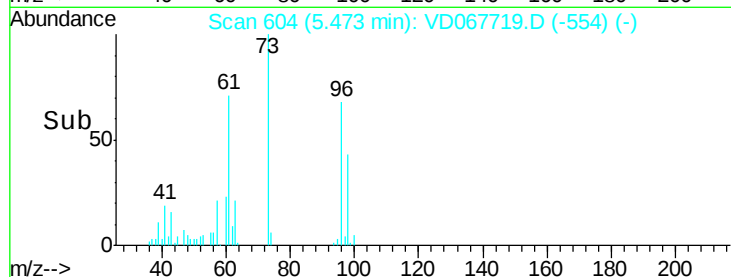
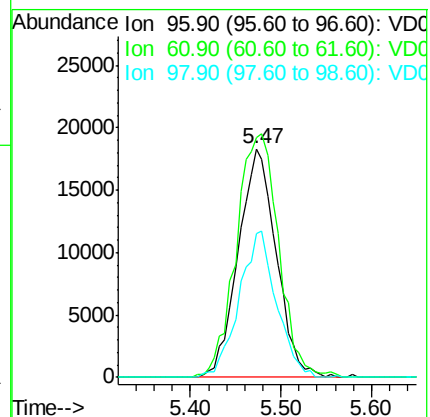
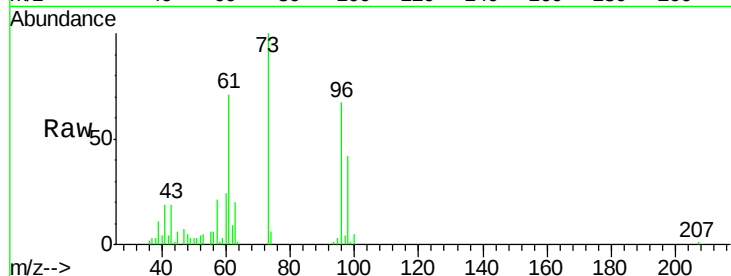
Tot Ion: 96 Resp: 53259

Ion Ratio Lower Upper

96 100

61 105.1 93.0 139.6

98 62.7 50.9 76.3



#22

Diisopropyl ether

Concen: 21.868 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Tgt Ion: 45 Resp: 101945

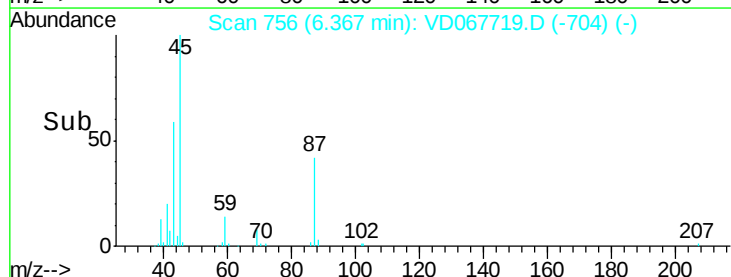
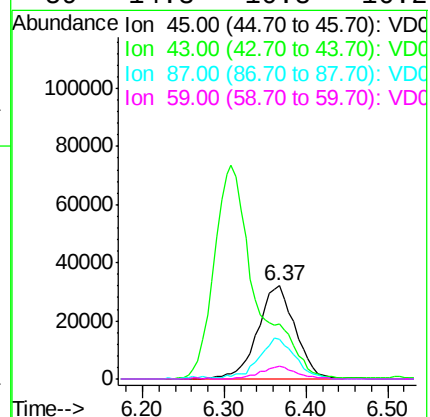
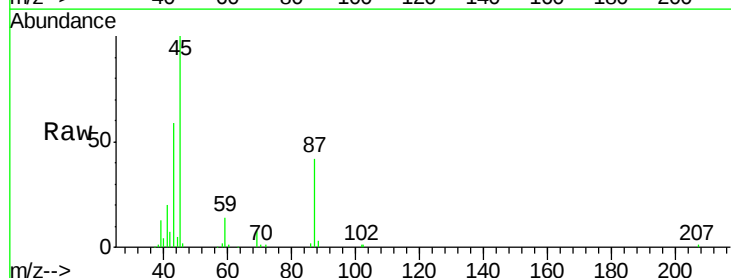
Ion Ratio Lower Upper

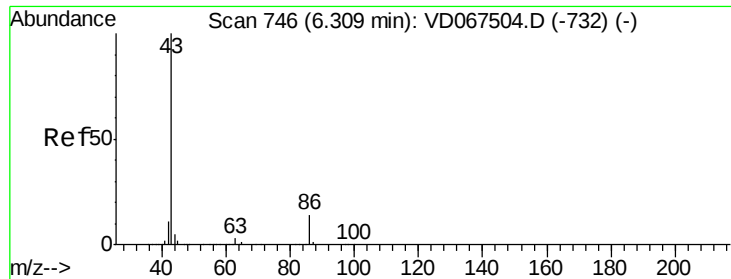
45 100

43 57.6 46.2 69.4

87 42.0 29.4 44.2

59 14.3 10.8 16.2





#23

Vinyl Acetate

Concen: 107.445 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

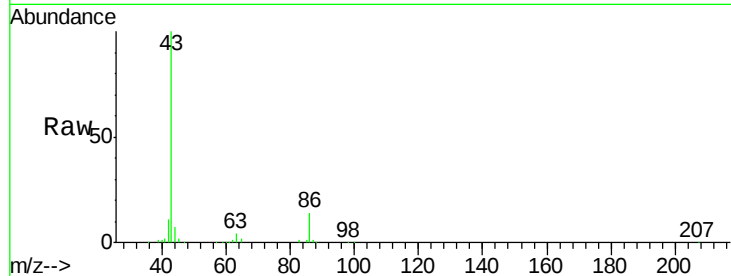
ClientSampleId :

Tot Ion: 43 Resp: 262195

Ion Ratio Lower Upper

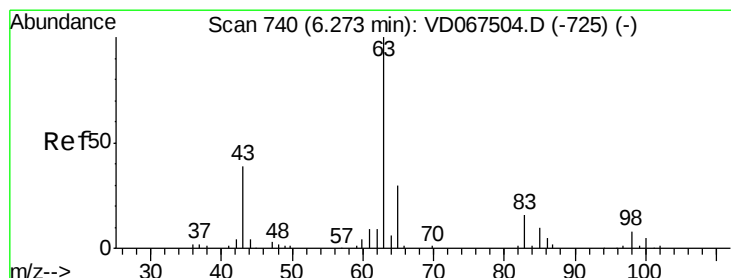
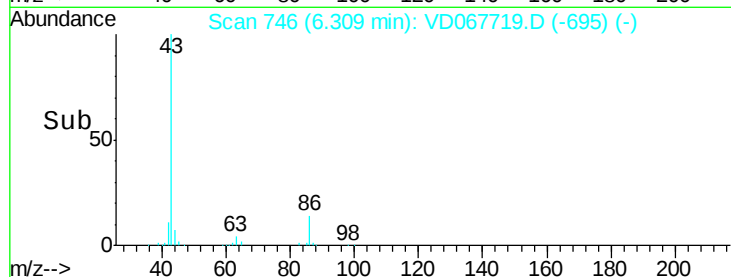
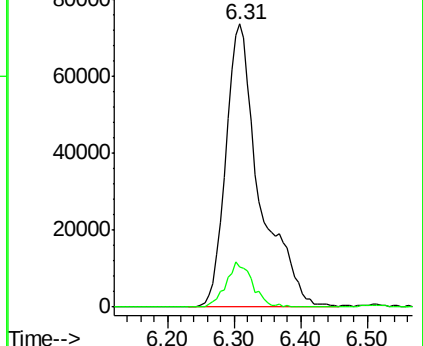
43 100

86 14.0 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.207 ug/l

RT: 6.27 min Scan# 740

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

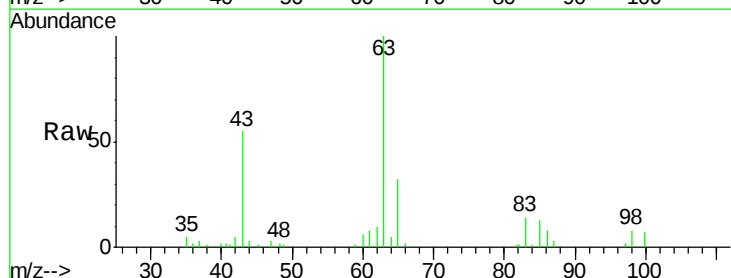
Tgt Ion: 63 Resp: 80882

Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.5

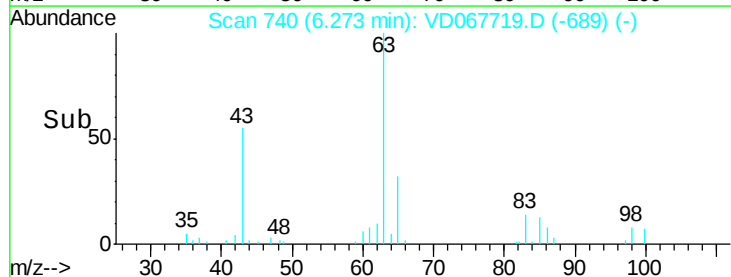
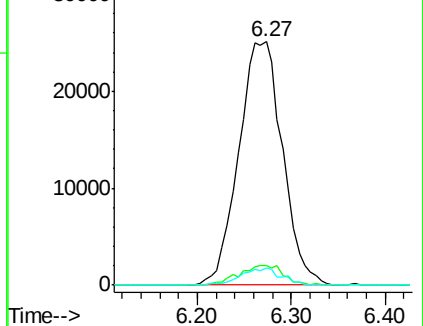
100 7.0 2.6 7.8

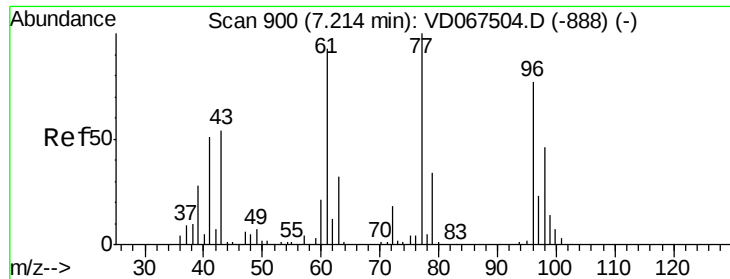


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

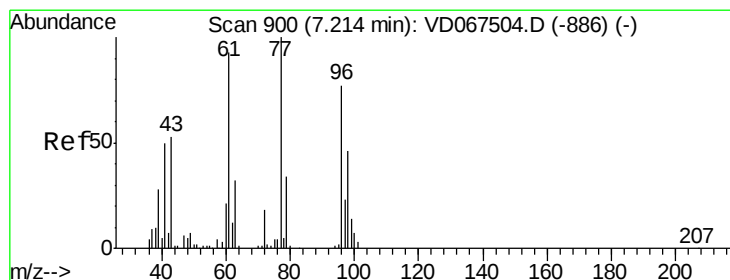
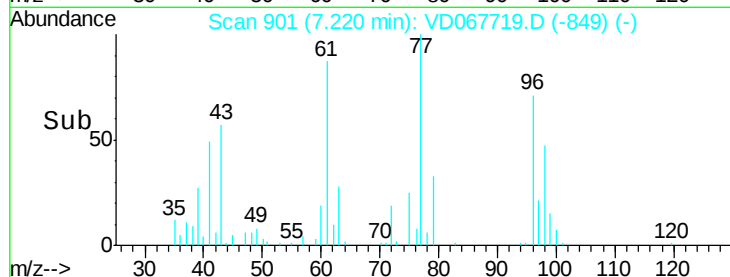
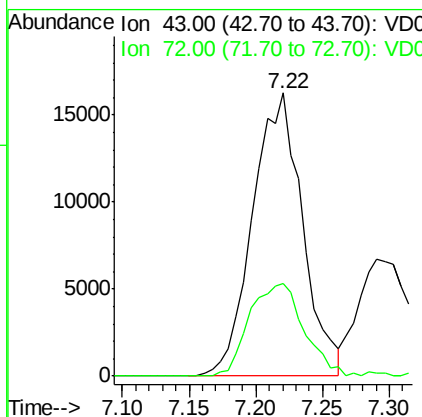
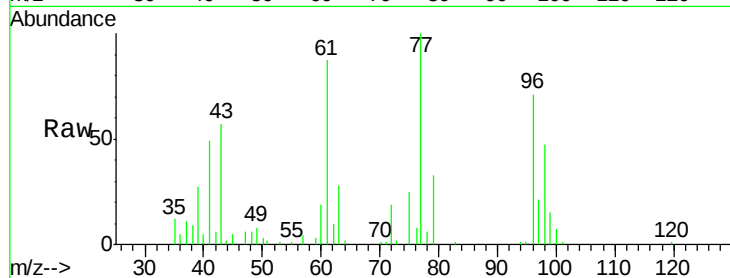




#25
2-Butanone
Concen: 112.829 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

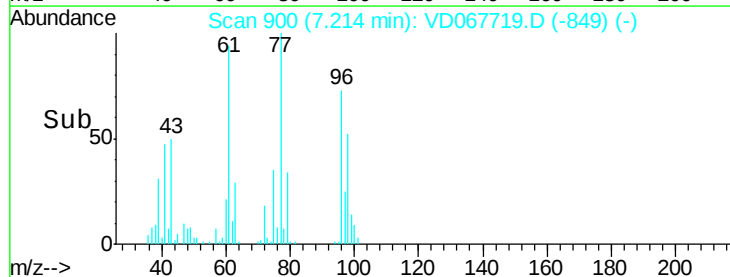
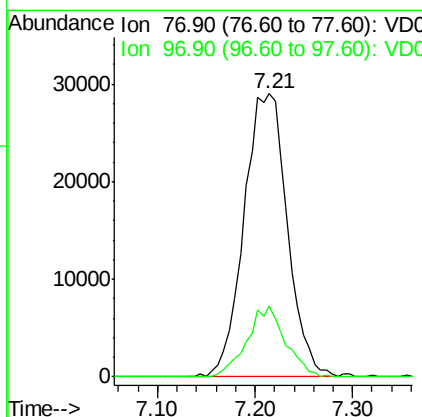
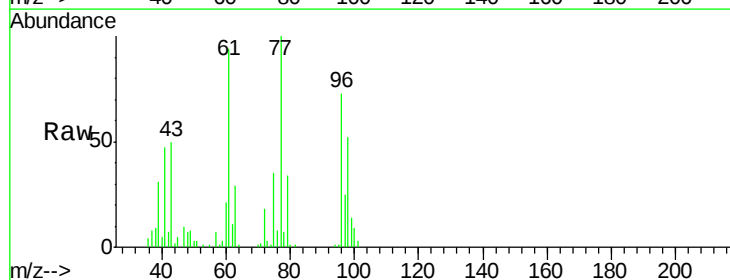
Instrument :
MSVOA_D
ClientSampleId :

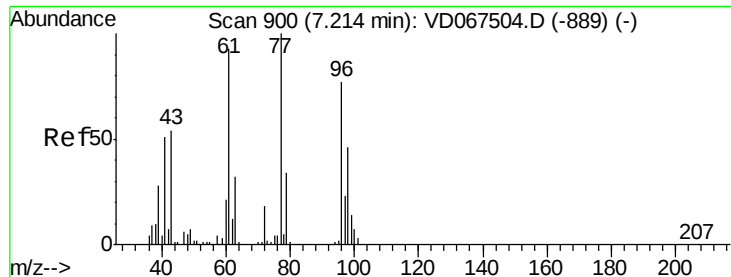
Tot Ion: 43 Resp: 42247
Ion Ratio Lower Upper
43 100
72 32.6 26.4 39.6



#26
2,2-Dichloropropane
Concen: 22.389 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Tgt Ion: 77 Resp: 90120
Ion Ratio Lower Upper
77 100
97 22.1 11.1 33.3



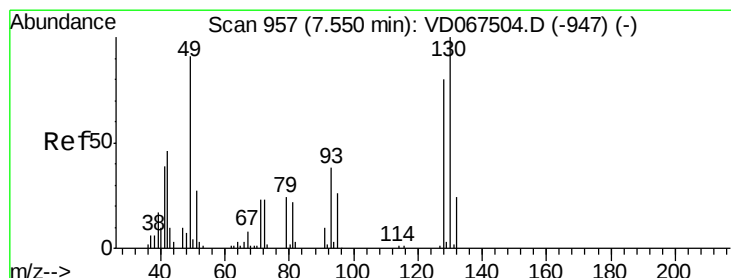
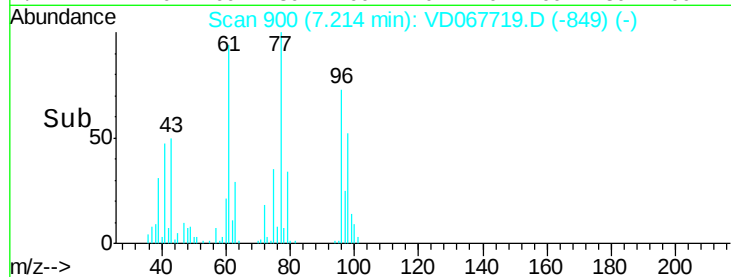
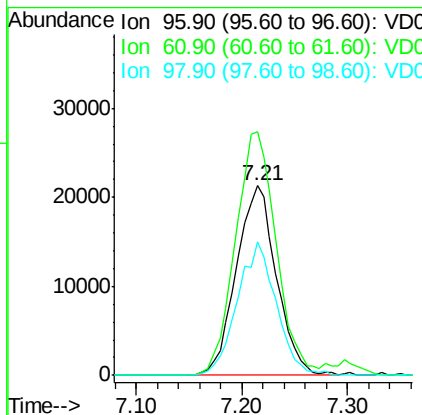
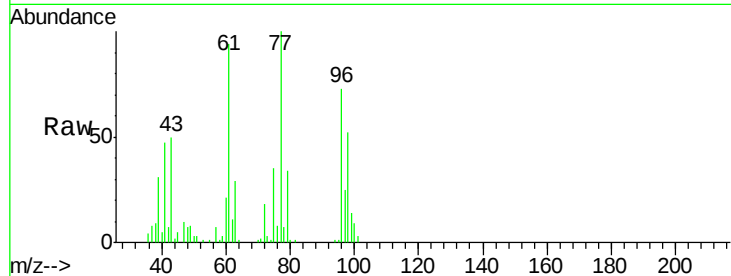


#27

cis-1,2-Dichloroethene
Concen: 20.787 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Instrument :
MSVOA_D
ClientSampleId :

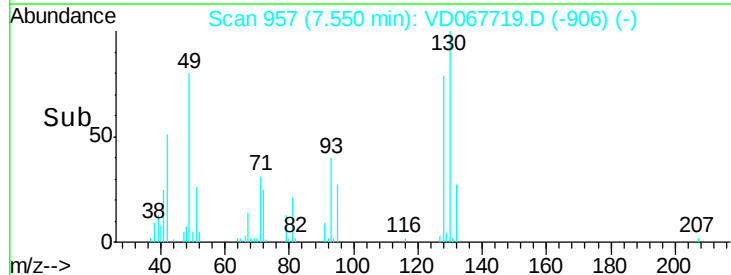
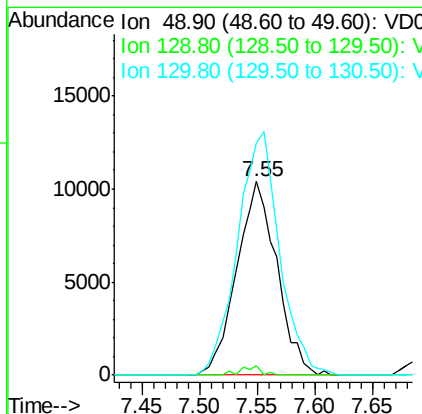
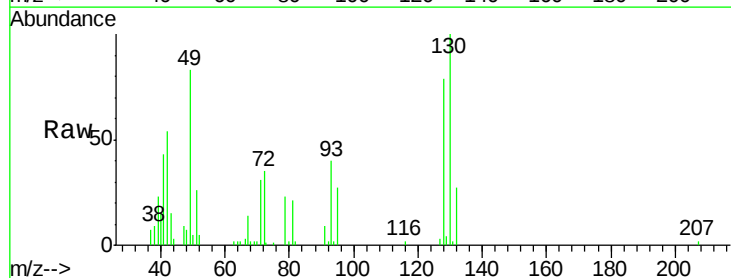
Tot Ion: 96 Resp: 56174
Ion Ratio Lower Upper
96 100
61 130.6 0.0 251.6
98 68.1 0.0 128.0

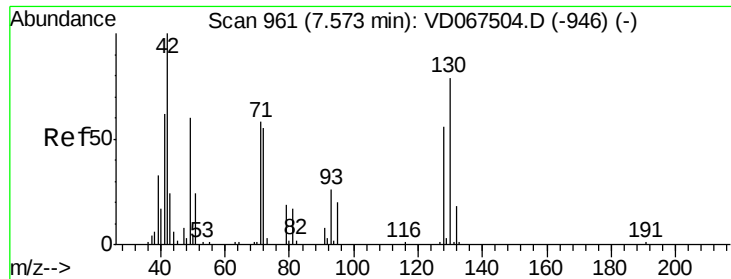


#28

Bromochloromethane
Concen: 18.510 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Tgt Ion: 49 Resp: 25111
Ion Ratio Lower Upper
49 100
129 2.3 0.0 6.4
130 131.8 94.6 142.0

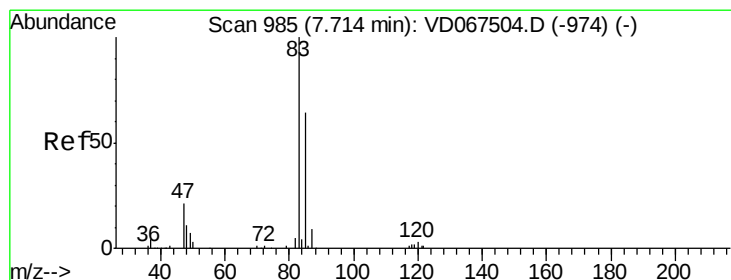
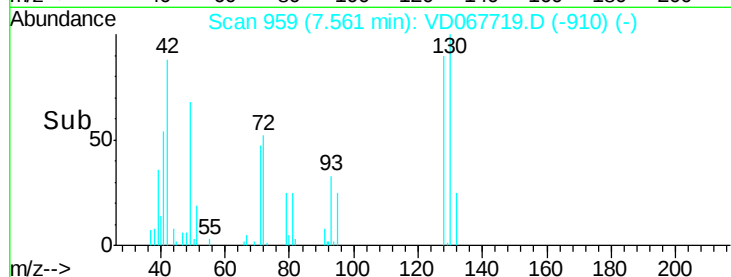
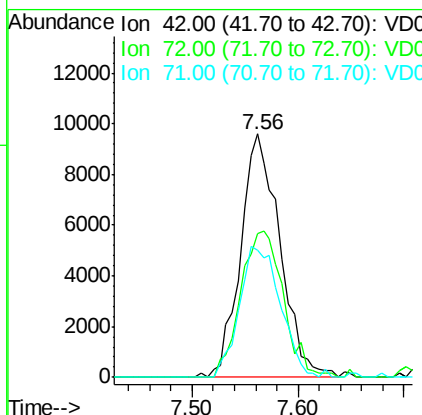
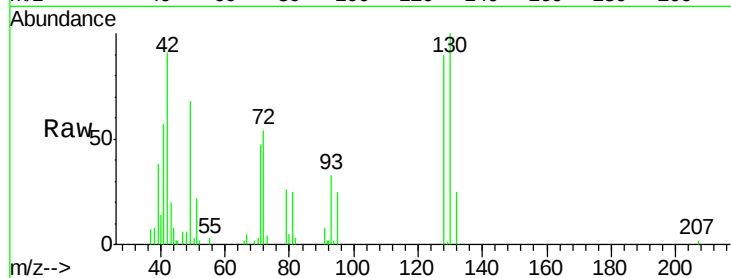




#29
Tetrahydrofuran
Concen: 110.528 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

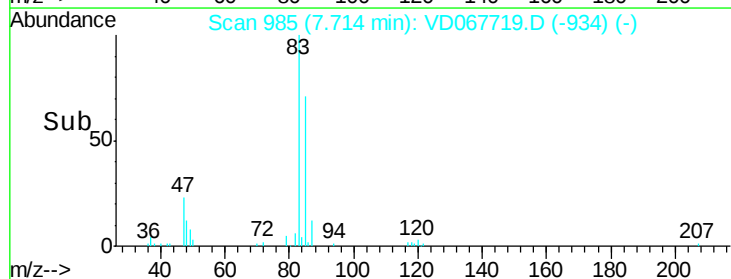
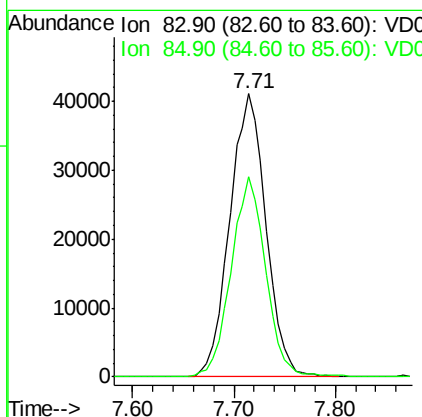
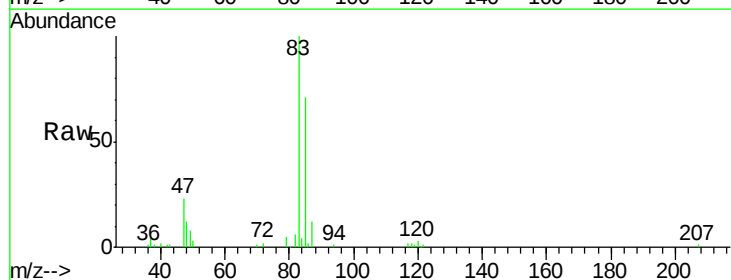
Instrument :
MSVOA_D
ClientSampleId :

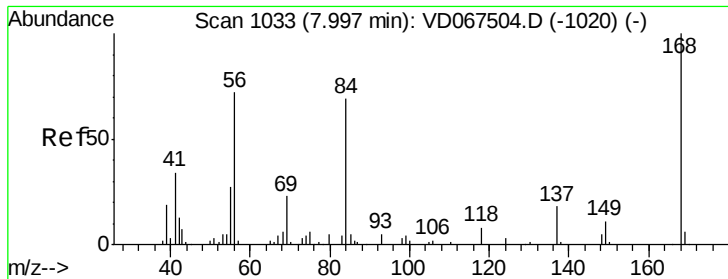
Tot Ion: 42 Resp: 24790
Ion Ratio Lower Upper
42 100
72 65.2 46.3 69.5
71 55.9 44.0 66.0



#30
Chloroform
Concen: 22.315 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Tgt Ion: 83 Resp: 101530
Ion Ratio Lower Upper
83 100
85 70.7 51.5 77.3

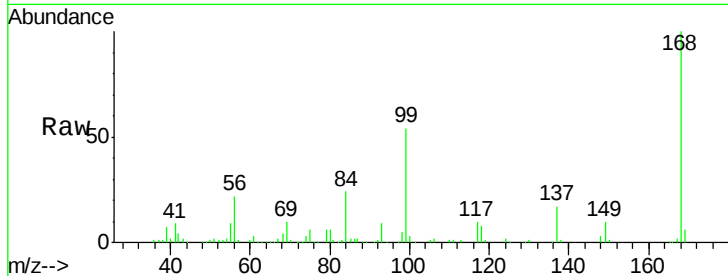




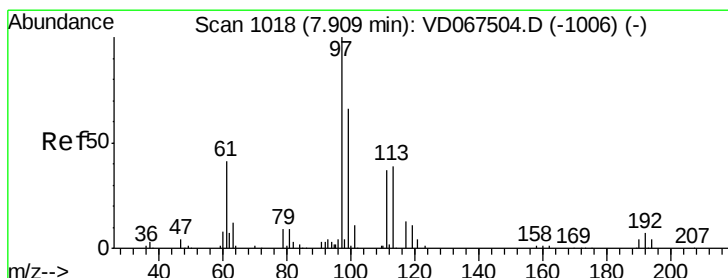
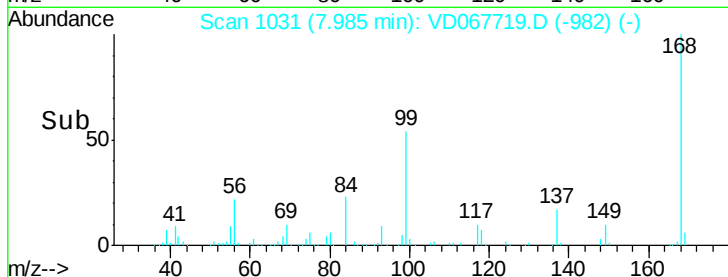
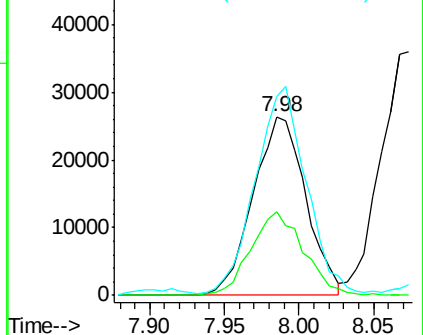
#31
Cyclohexane
Concen: 19.004 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 64544
Ion Ratio Lower Upper
56 100
69 47.0 25.9 38.9#
84 110.3 76.2 114.4

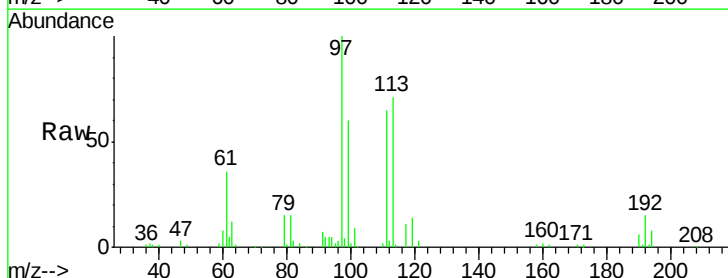


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

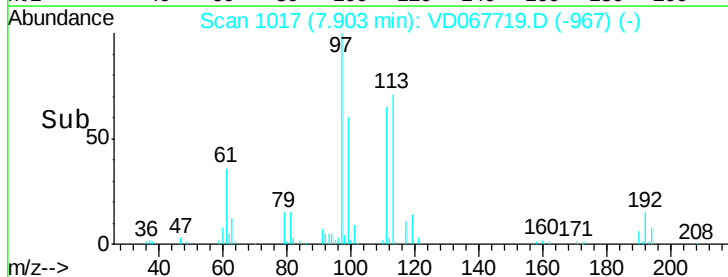
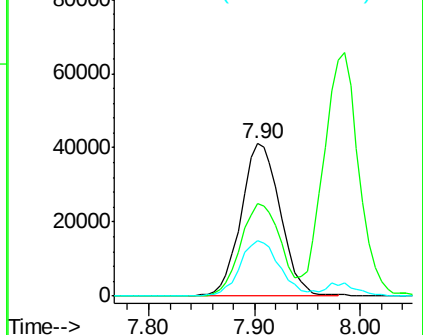


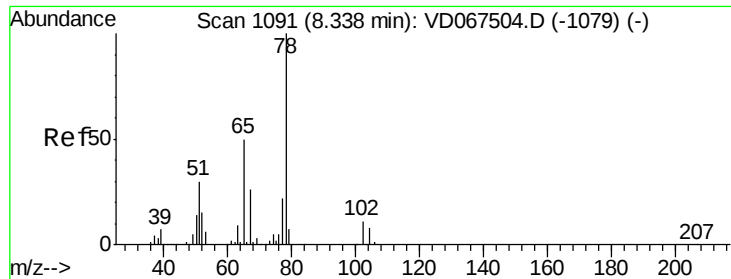
#32
1,1,1-Trichloroethane
Concen: 22.575 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Tgt Ion: 97 Resp: 105979
Ion Ratio Lower Upper
97 100
99 61.1 51.8 77.6
61 36.7 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: 47.785 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

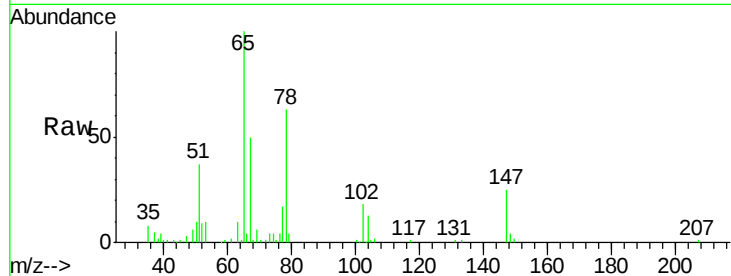
ClientSampleId :

Tot Ion: 65 Resp: 111898

Ion Ratio Lower Upper

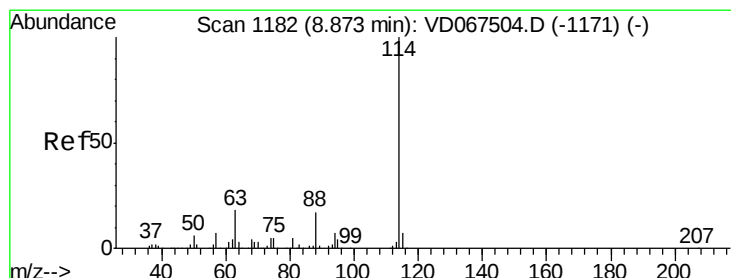
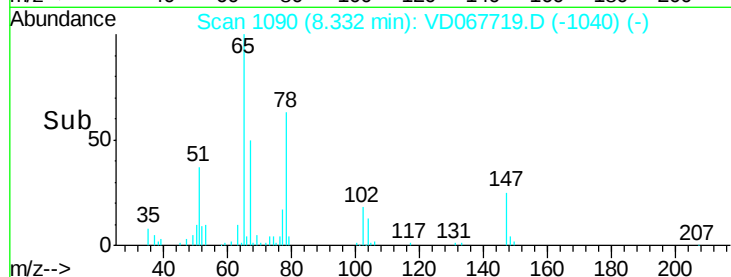
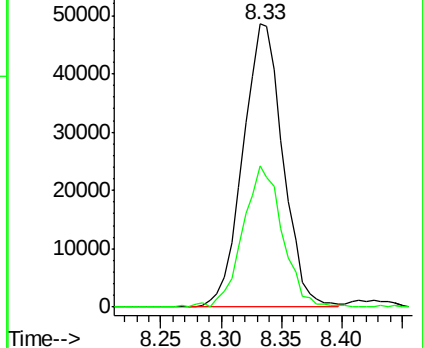
65 100

67 49.5 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

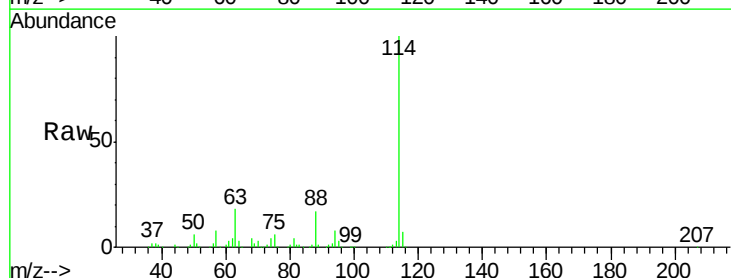
Tgt Ion: 114 Resp: 377092

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

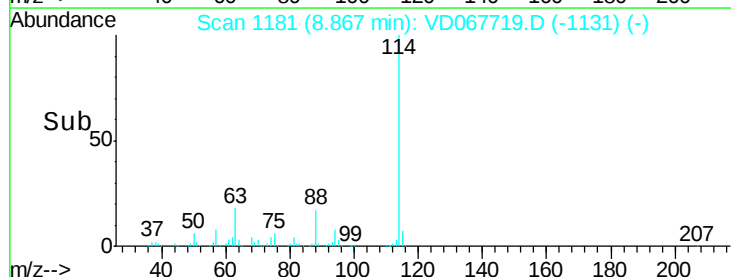
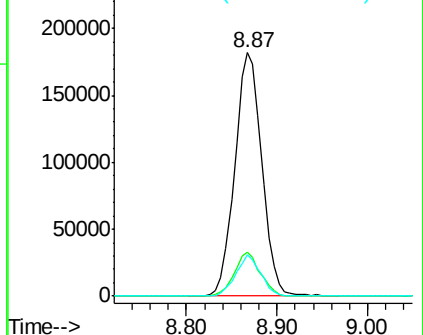
88 17.2 0.0 33.0

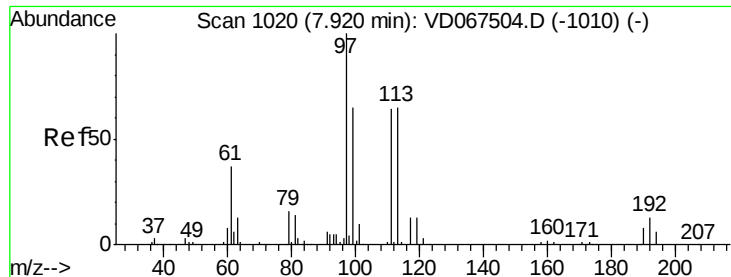


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

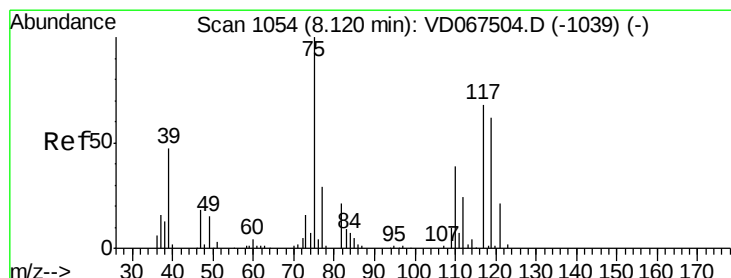
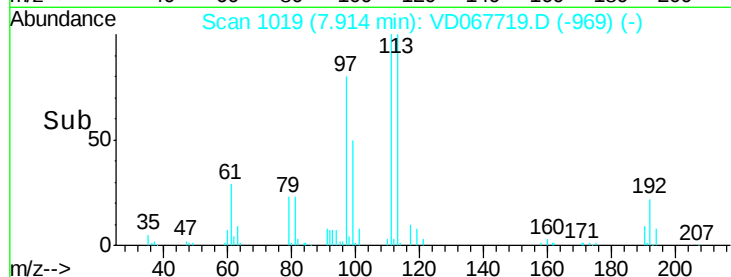
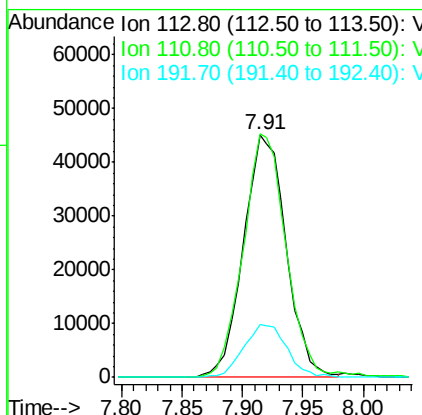
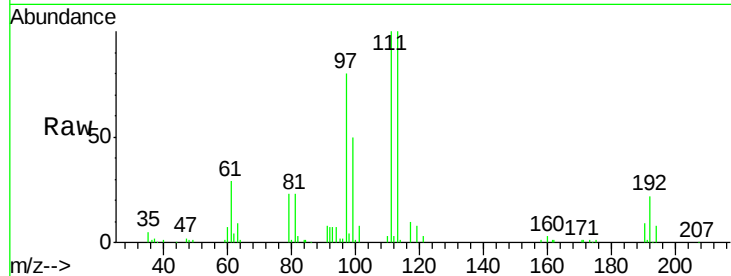




#35
 Dibromofluoromethane
 Concen: 48.714 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067719.D
 Acq: 20 Nov 2020 12:41

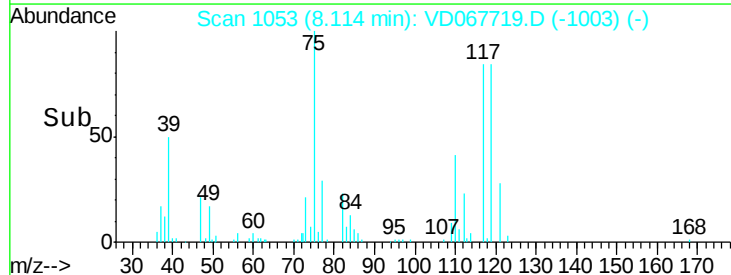
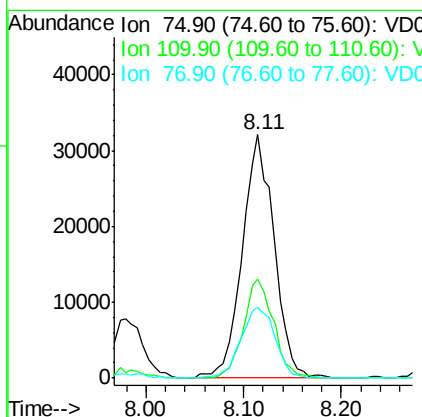
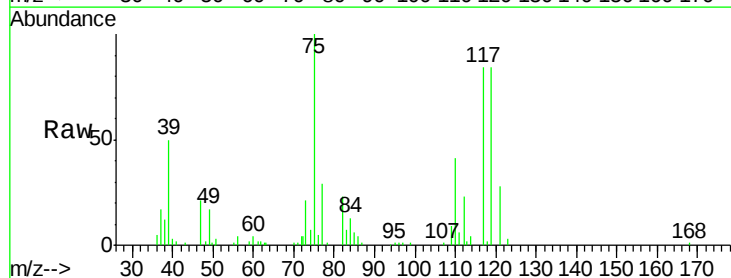
Instrument :
 MSVOA_D
 ClientSampleId :

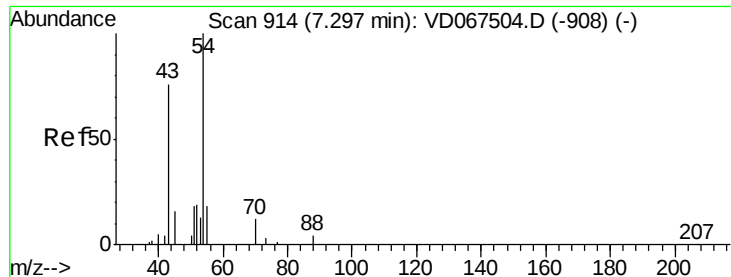
Tot Ion:113 Resp: 110677
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.0 120.0
 192 22.3 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 22.521 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067719.D
 Acq: 20 Nov 2020 12:41

Tgt Ion: 75 Resp: 72695
 Ion Ratio Lower Upper
 75 100
 110 38.5 19.9 59.7
 77 31.3 24.8 37.2

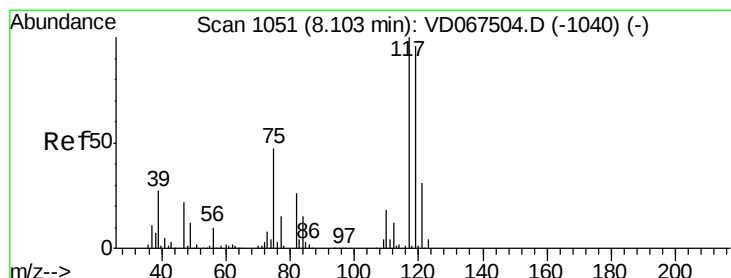
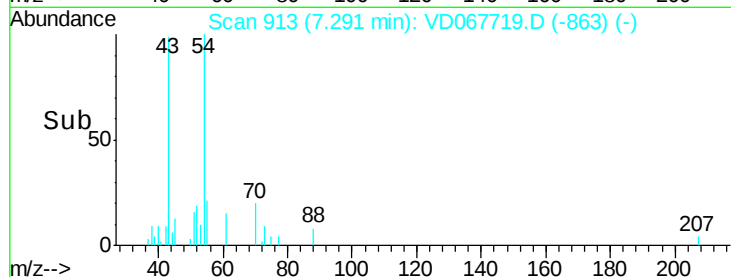
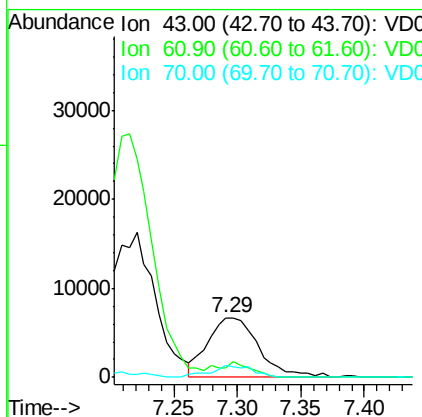
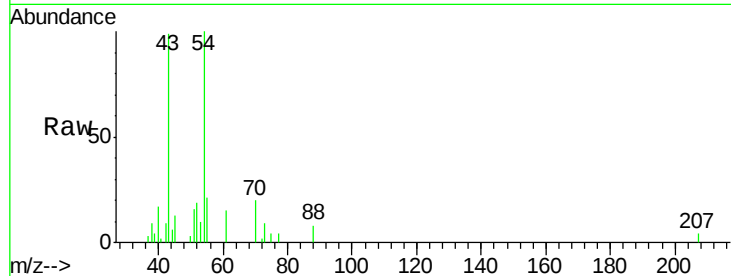




#37
Ethyl Acetate
Concen: 22.224 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

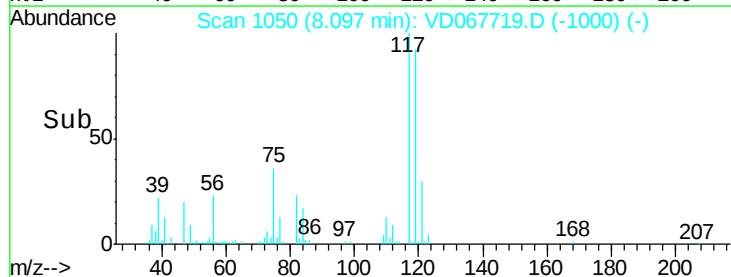
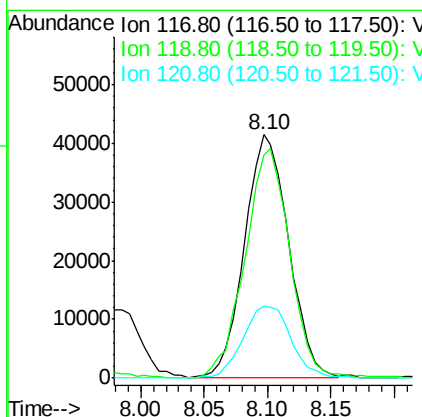
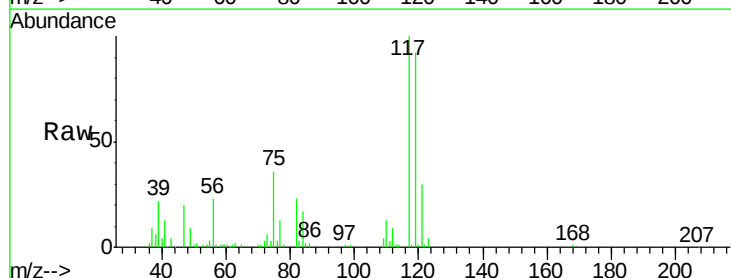
Instrument :
MSVOA_D
ClientSampleId :

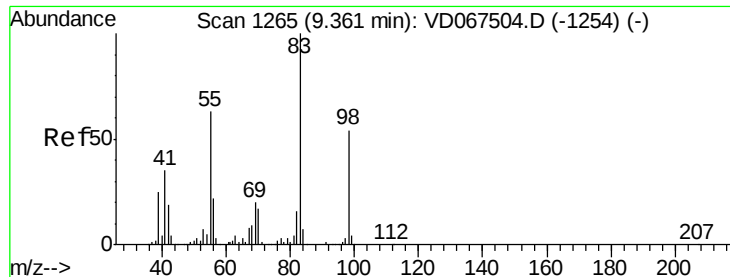
Tot Ion: 43 Resp: 18624
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 16.5 11.7 17.5



#38
Carbon Tetrachloride
Concen: 23.758 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Tgt Ion: 117 Resp: 99639
Ion Ratio Lower Upper
117 100
119 91.9 76.9 115.3
121 29.9 24.5 36.7

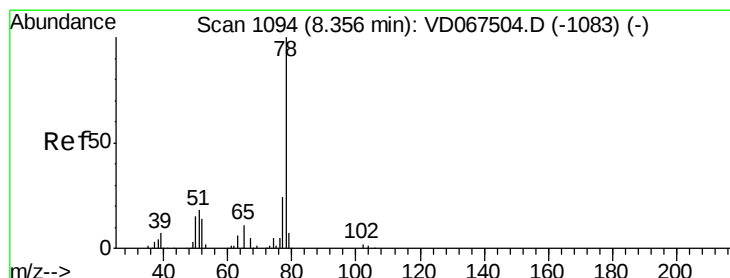
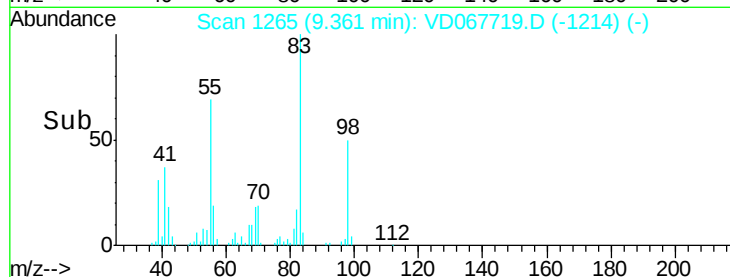
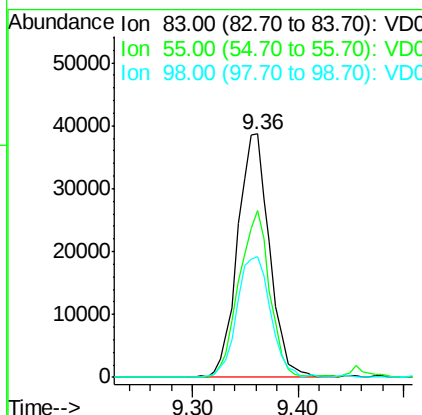
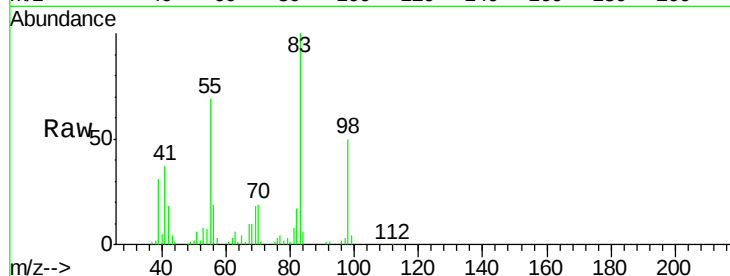




#39
Methvlcvclohexane
Concen: 21.265 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

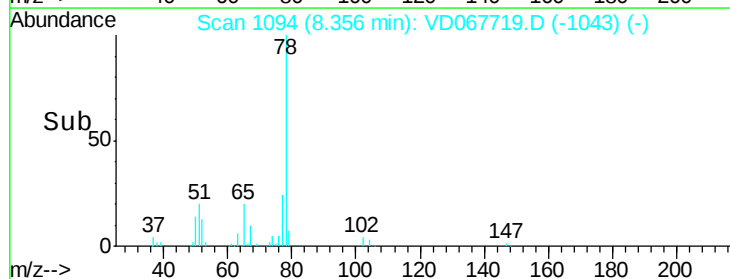
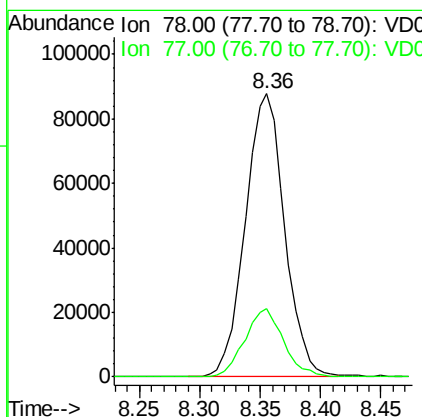
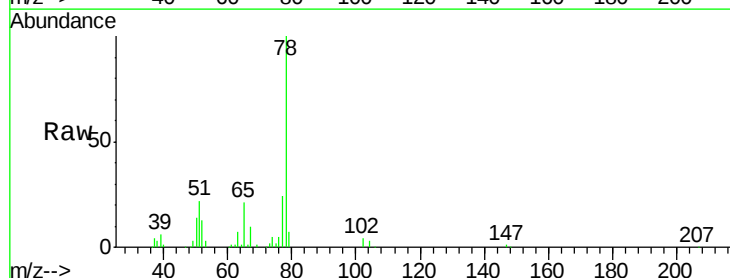
Instrument :
MSVOA_D
ClientSampleId :

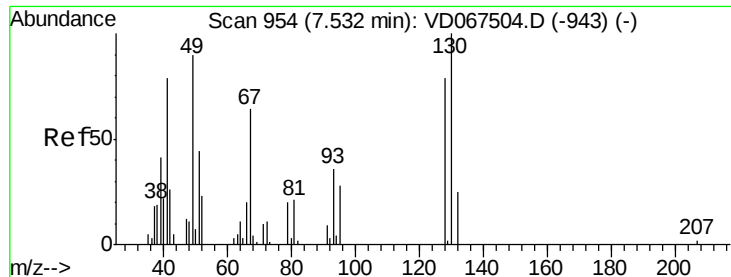
Tot Ion: 83 Resp: 80789
Ion Ratio Lower Upper
83 100
55 68.8 50.5 75.7
98 49.8 43.4 65.0



#40
Benzene
Concen: 22.700 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Tgt Ion: 78 Resp: 198478
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7





#41

Methacrylonitrile

Concen: 56.459 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.02 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

ClientSampled :

Tot Ion: 41 Resp: 28281

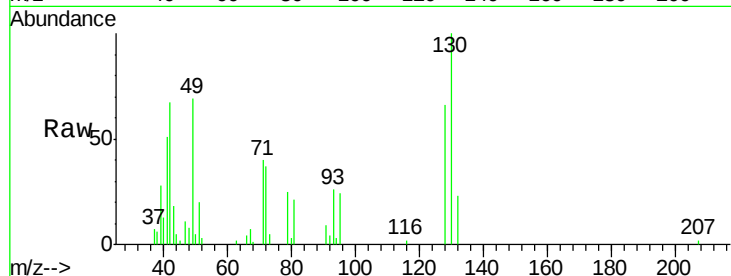
Ion Ratio Lower Upper

41 100

39 34.7 51.3 76.9#

67 0.0 78.9 118.3#

52 0.0 31.4 47.2#

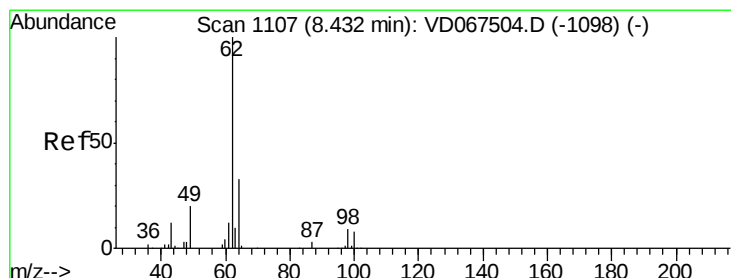
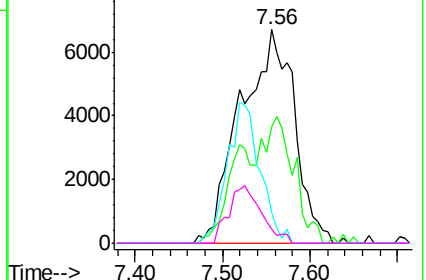
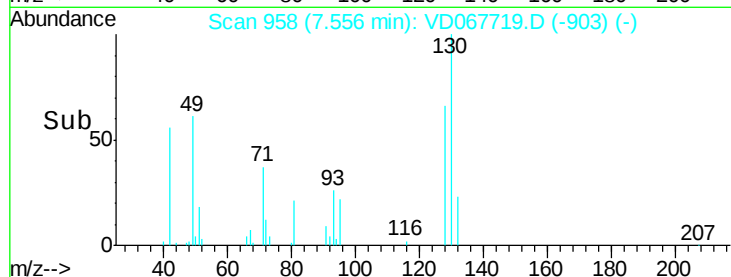


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 24.077 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VD067719.D

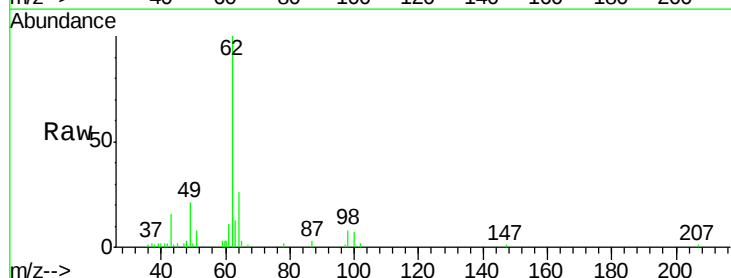
Acq: 20 Nov 2020 12:41

Tgt Ion: 62 Resp: 65043

Ion Ratio Lower Upper

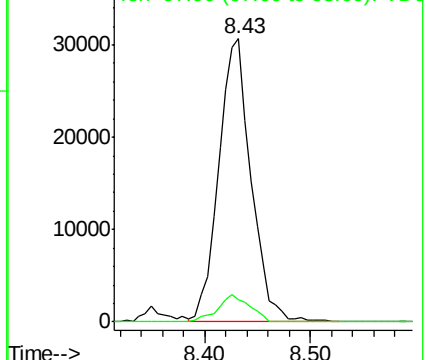
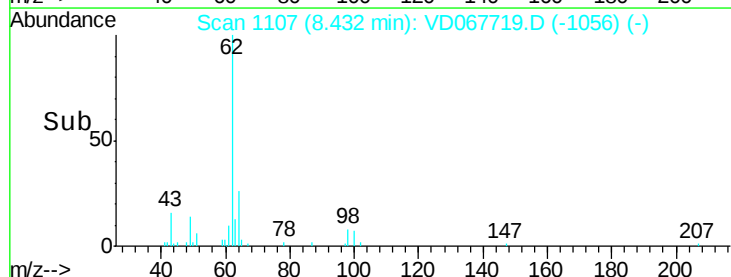
62 100

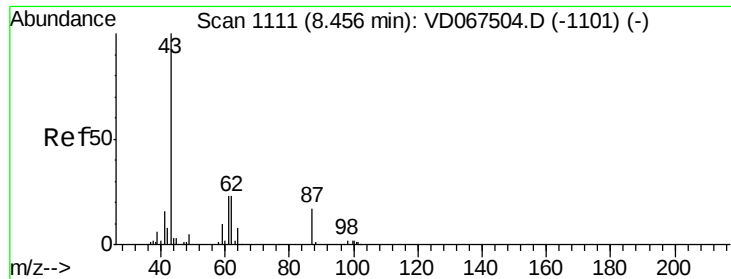
98 9.4 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 22.361 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

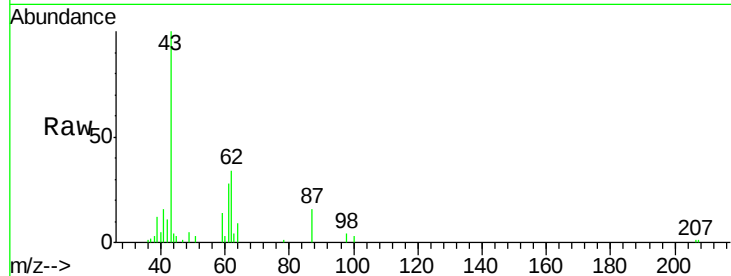
Tot Ion: 43 Resp: 37060

Ion Ratio Lower Upper

43 100

61 40.2 30.5 45.7

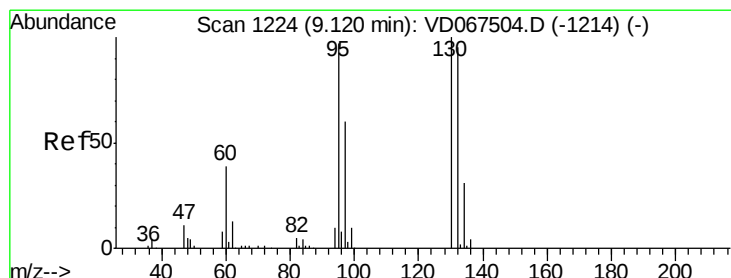
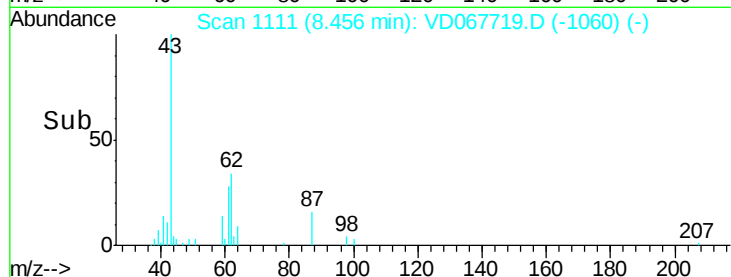
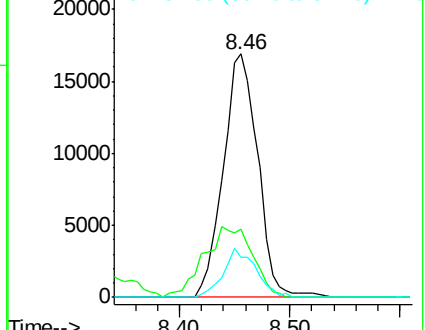
87 18.9 14.7 22.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 22.502 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067719.D

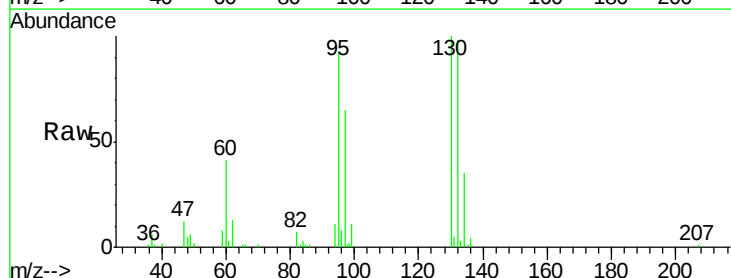
Acq: 20 Nov 2020 12:41

Tgt Ion:130 Resp: 64690

Ion Ratio Lower Upper

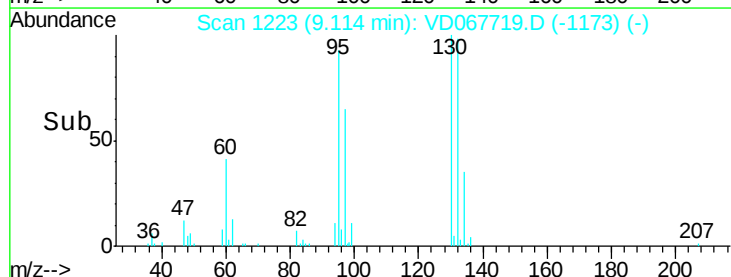
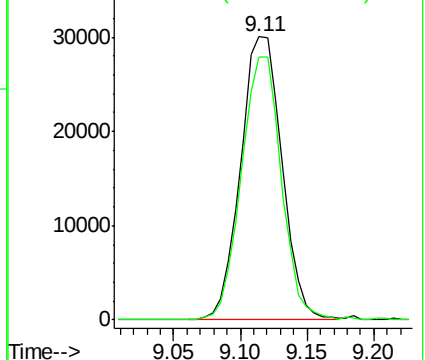
130 100

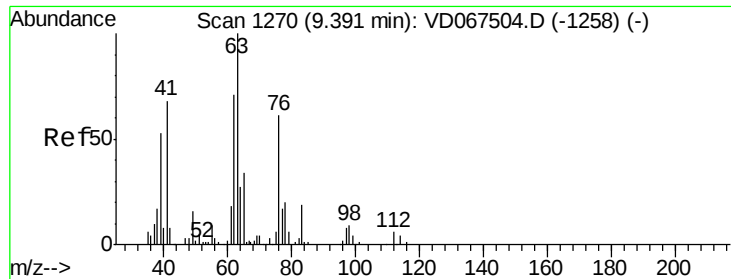
95 92.9 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 22.570 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

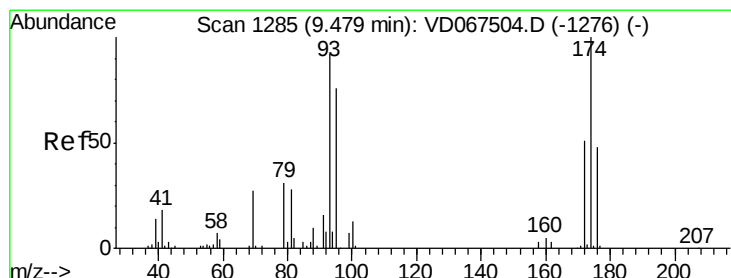
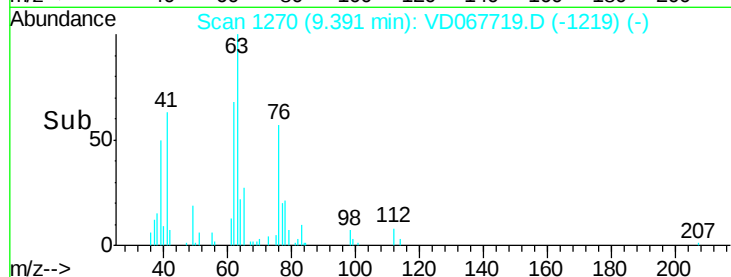
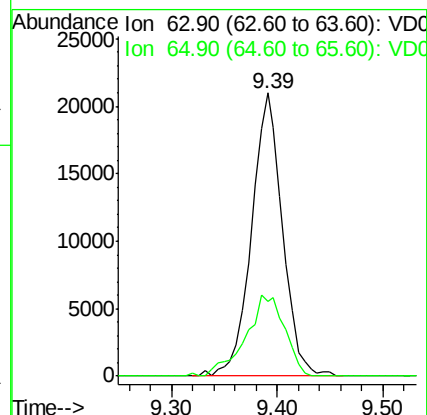
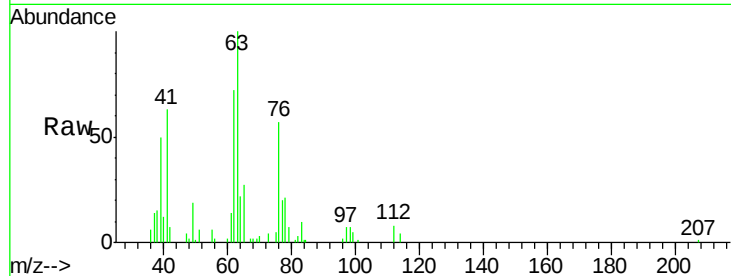
ClientSampleId :

Tot Ion: 63 Resp: 42666

Ion Ratio Lower Upper

63 100

65 26.5 26.9 40.3#



#46

Dibromomethane

Concen: 23.895 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

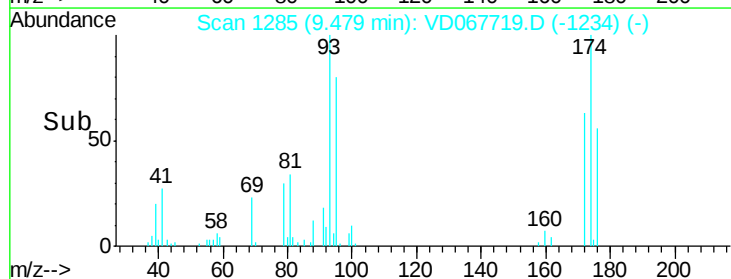
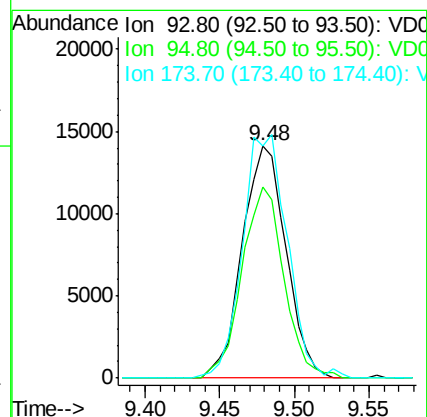
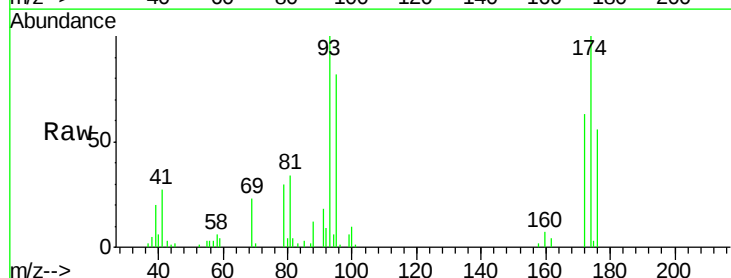
Tgt Ion: 93 Resp: 28721

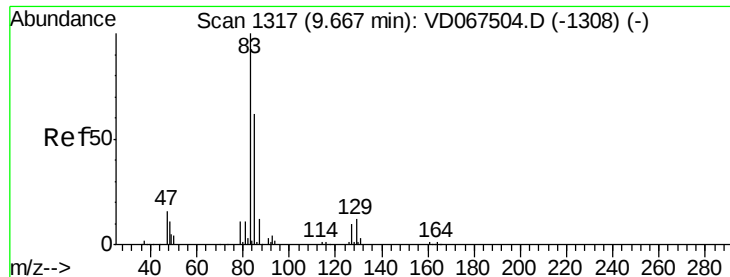
Ion Ratio Lower Upper

93 100

95 79.2 66.4 99.6

174 107.7 88.2 132.4





#47

Bromodichloromethane

Concen: 23.576 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :
MSVOA_D
ClientSampled :

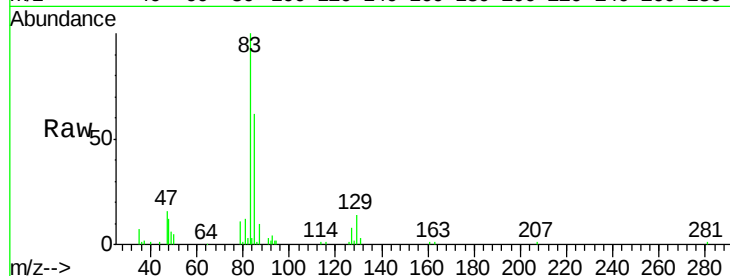
Tot Ion: 83 Resp: 77022

Ion Ratio Lower Upper

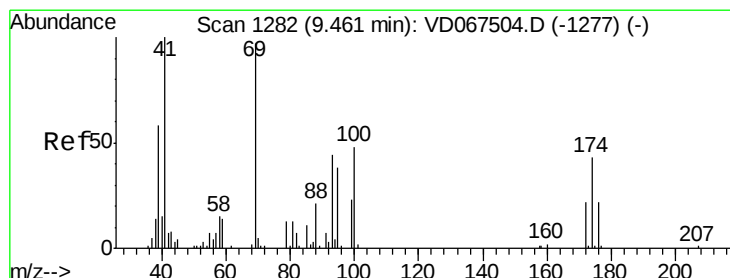
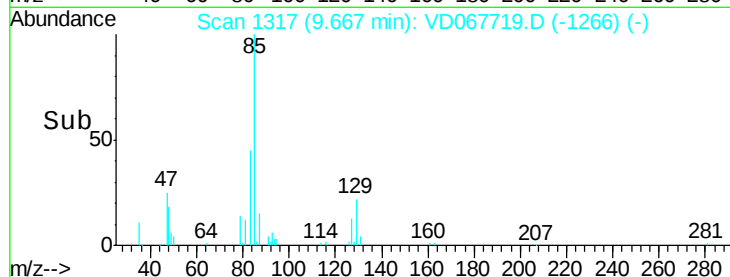
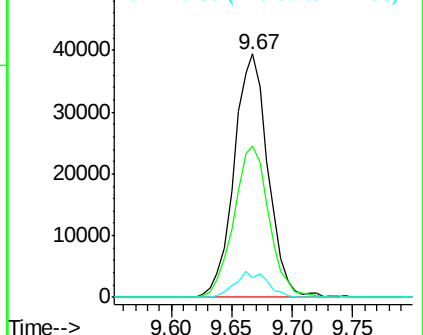
83 100

85 62.4 49.4 74.2

127 8.3 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): V



#48

Methyl methacrylate

Concen: 21.230 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

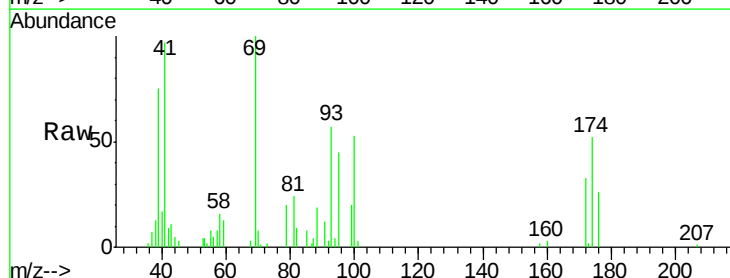
Tgt Ion: 41 Resp: 18167

Ion Ratio Lower Upper

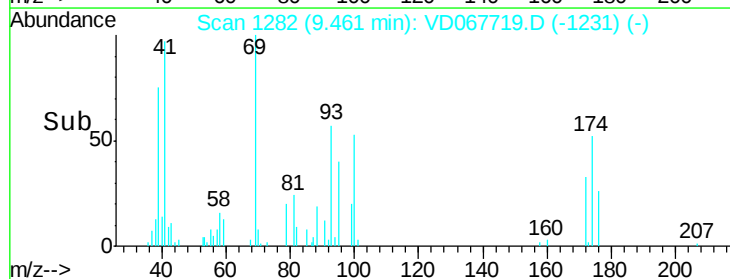
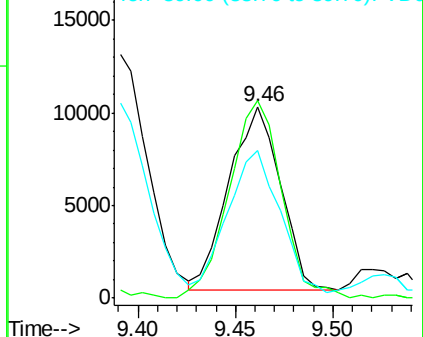
41 100

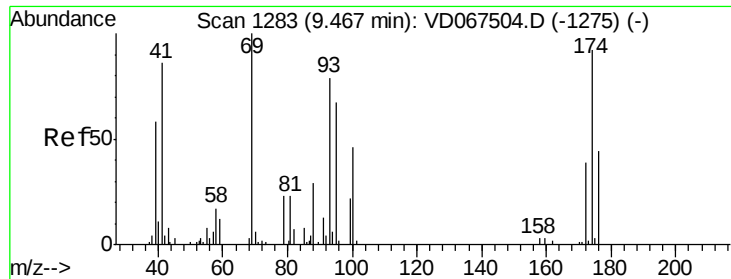
69 110.0 80.6 121.0

39 77.3 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: 446.155 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

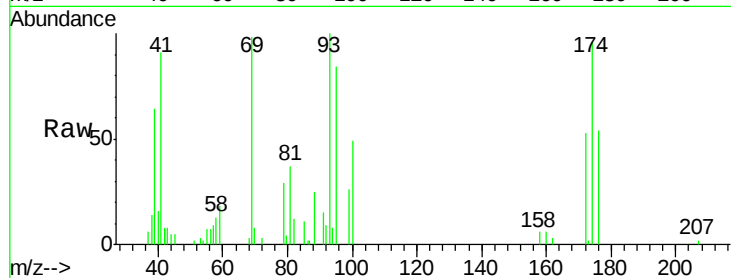
Tot Ion: 88 Resp: 5444

Ion Ratio Lower Upper

88 100

43 33.8 23.6 35.4

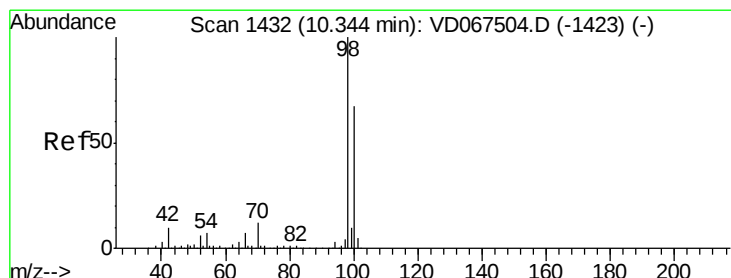
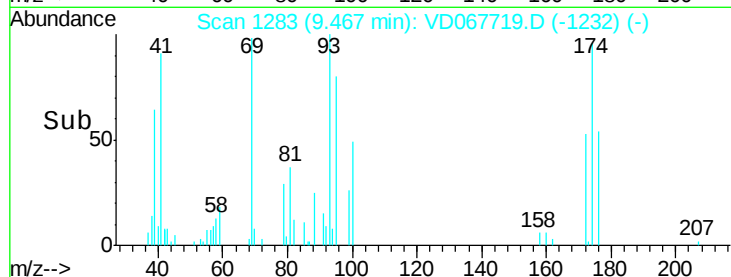
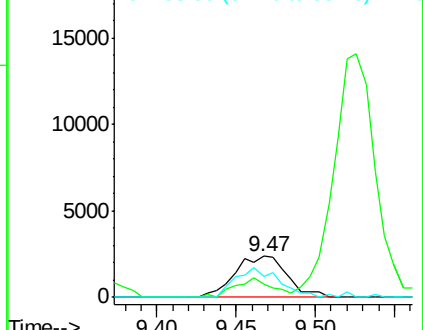
58 60.6 44.7 67.1



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 47.543 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067719.D

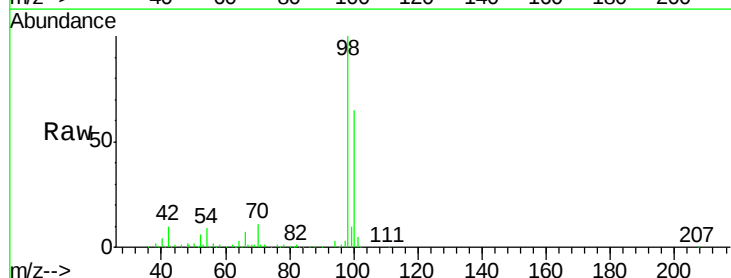
Acq: 20 Nov 2020 12:41

Tgt Ion: 98 Resp: 379595

Ion Ratio Lower Upper

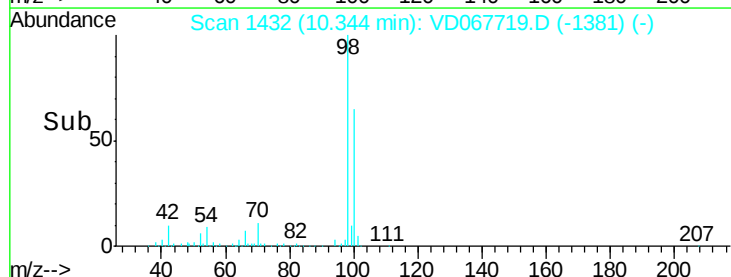
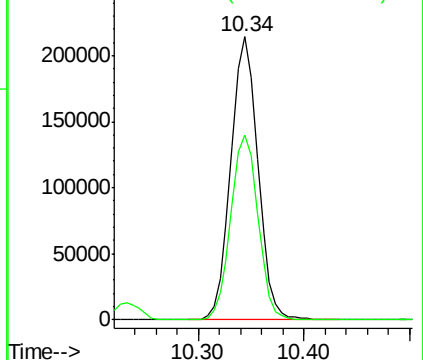
98 100

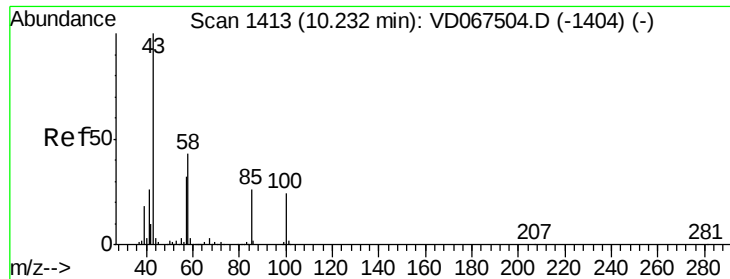
100 65.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 120.114 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

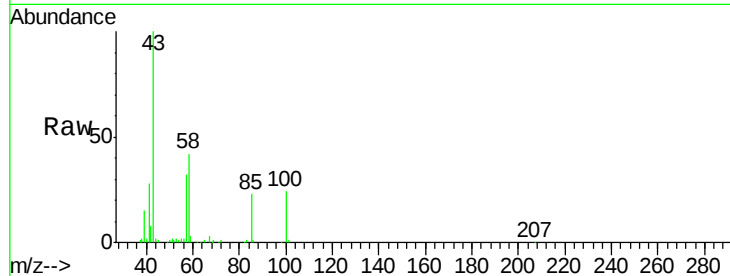
ClientSampled :

Tot Ion: 43 Resp: 95205

Ion Ratio Lower Upper

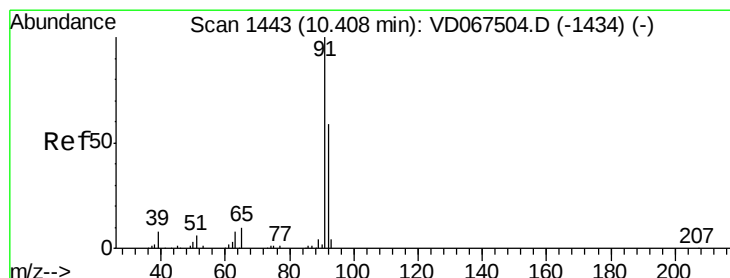
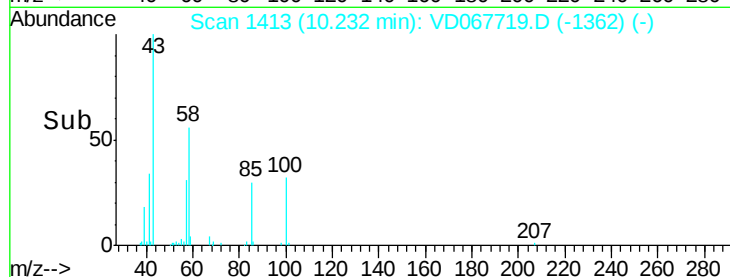
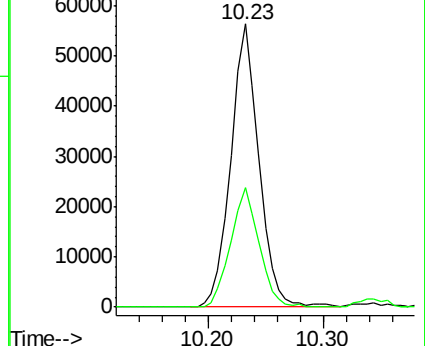
43 100

58 42.8 35.6 53.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 23.249 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067719.D

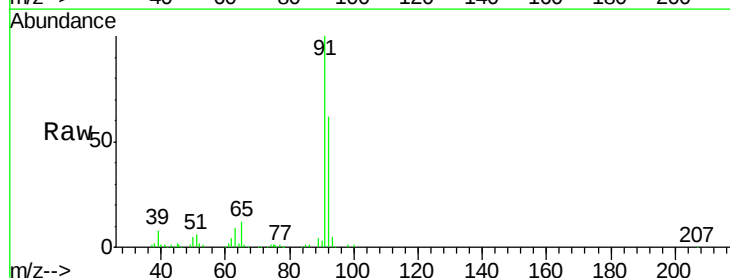
Acq: 20 Nov 2020 12:41

Tgt Ion: 92 Resp: 136156

Ion Ratio Lower Upper

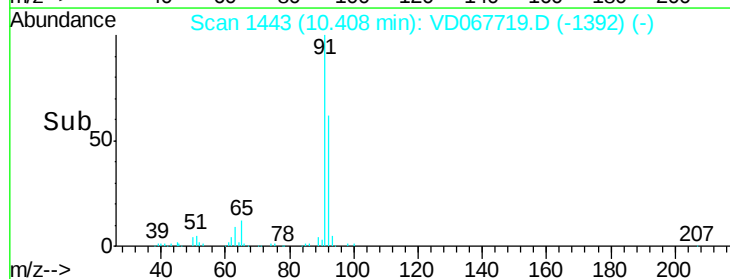
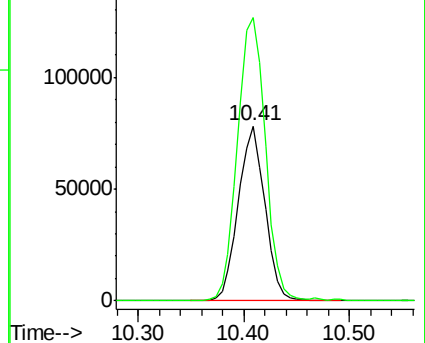
92 100

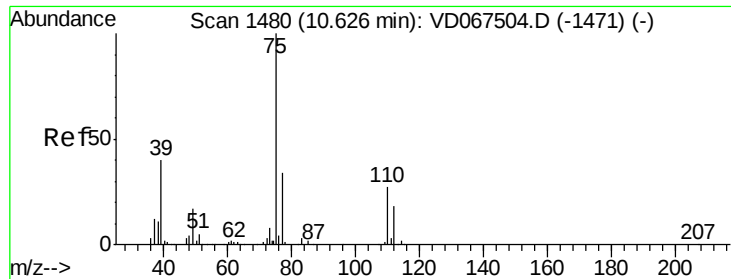
91 169.5 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

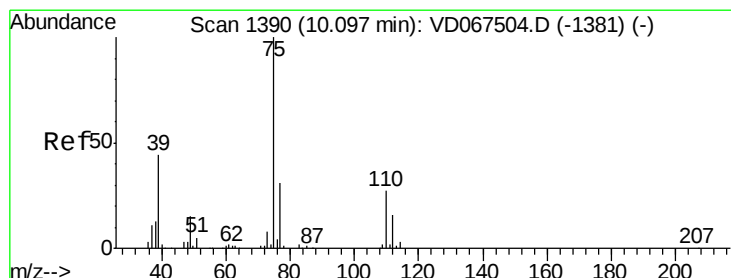
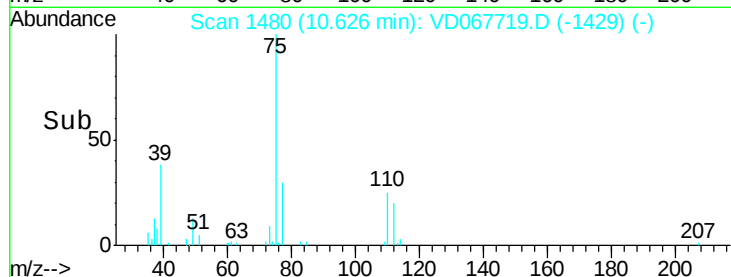
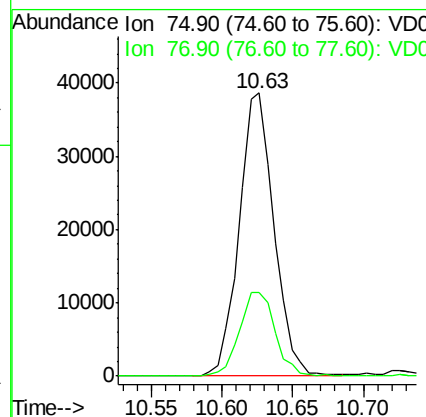
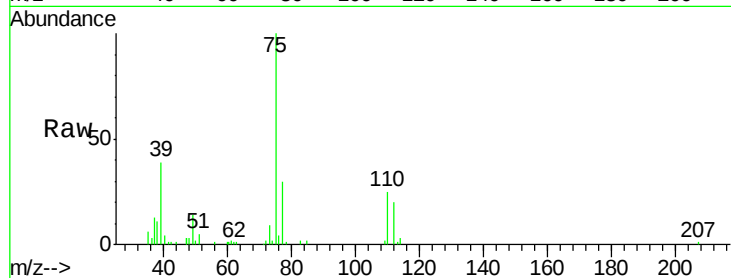




#53
t-1,3-Dichloropropene
Concen: 23.794 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

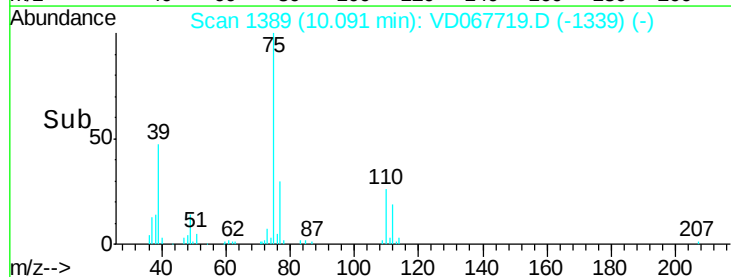
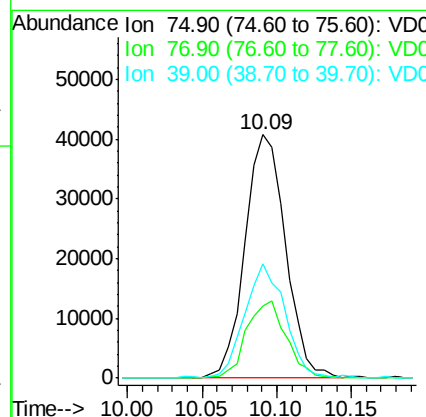
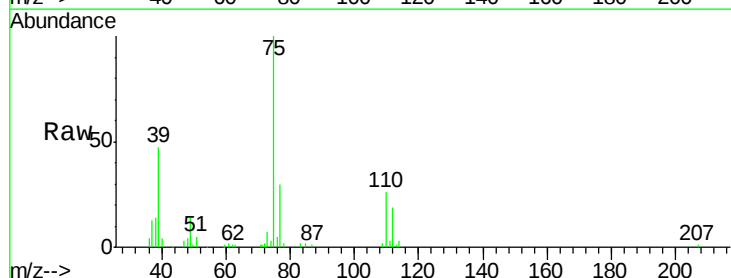
Instrument :
MSVOA_D
ClientSampleId :

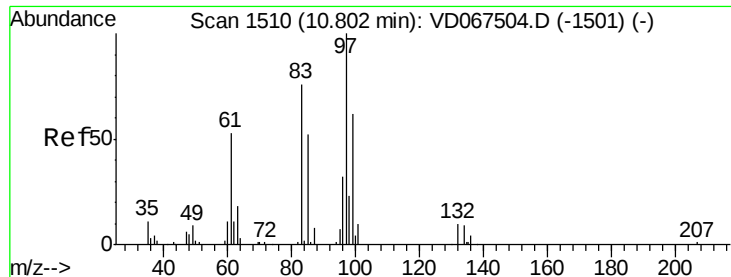
Tot Ion: 75 Resp: 66575
Ion Ratio Lower Upper
75 100
77 29.7 27.0 40.6



#54
cis-1,3-Dichloropropene
Concen: 22.998 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Tgt Ion: 75 Resp: 76453
Ion Ratio Lower Upper
75 100
77 29.5 24.4 36.6
39 46.5 35.6 53.4

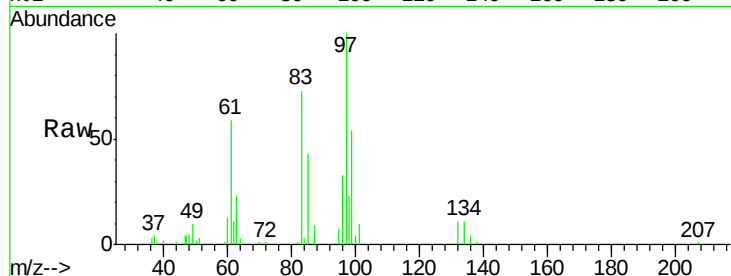




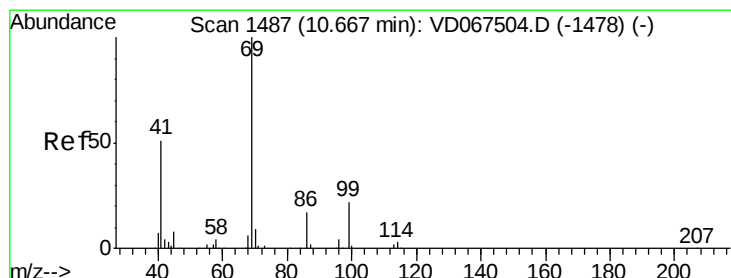
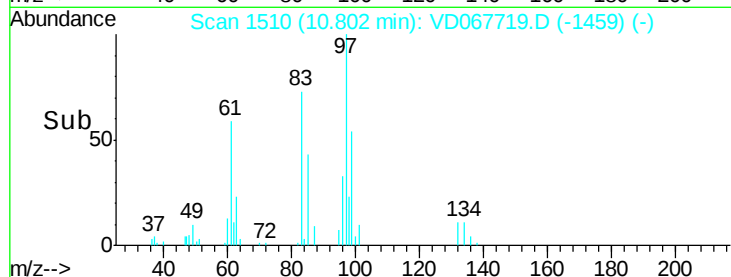
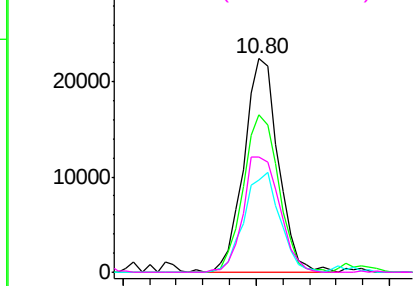
#55
 1,1,2-Trichloroethane
 Concen: 25.057 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067719.D
 Acq: 20 Nov 2020 12:41

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:	97	Resp:	39850
Ion	Ratio	Lower	Upper
97	100		
83	73.5	61.0	91.6
85	43.2	41.5	62.3
99	54.1	49.4	74.2

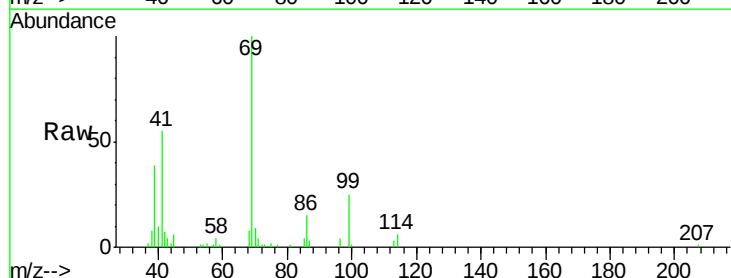


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

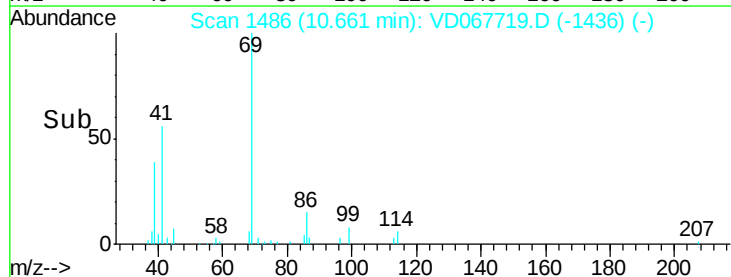
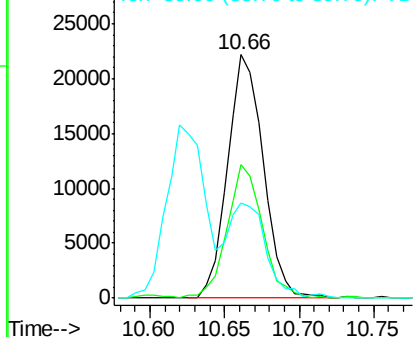


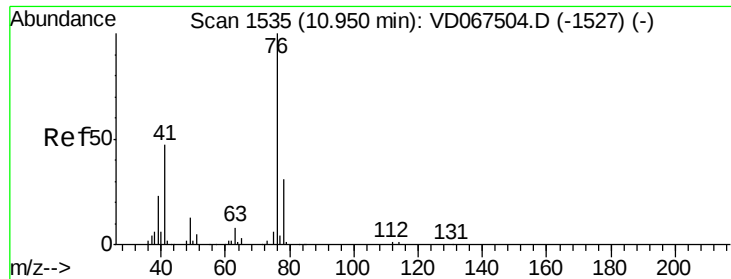
#56
 Ethyl methacrylate
 Concen: 22.624 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067719.D
 Acq: 20 Nov 2020 12:41

Tgt Ion:	69	Resp:	37156
Ion	Ratio	Lower	Upper
69	100		
41	54.0	45.4	68.0
39	38.2	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: 23.565 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

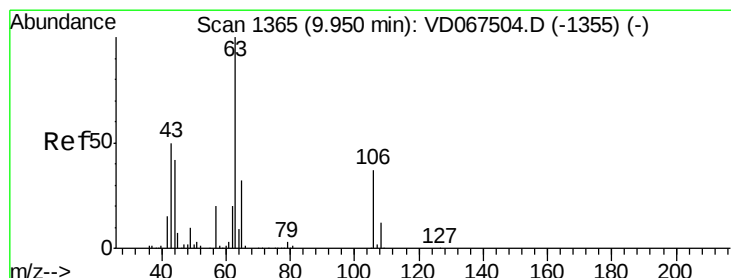
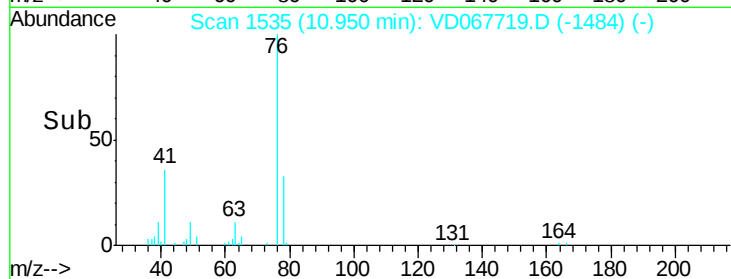
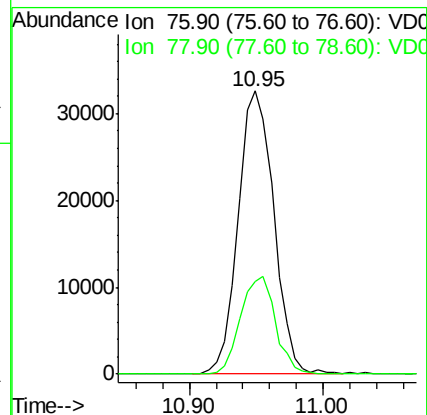
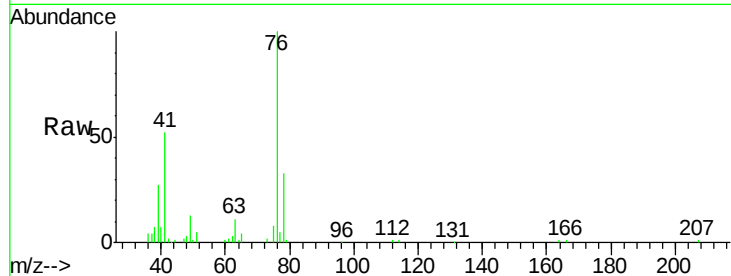
ClientSampleId :

Tot Ion: 76 Resp: 60307

Ion Ratio Lower Upper

76 100

78 33.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 111.751 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD067719.D

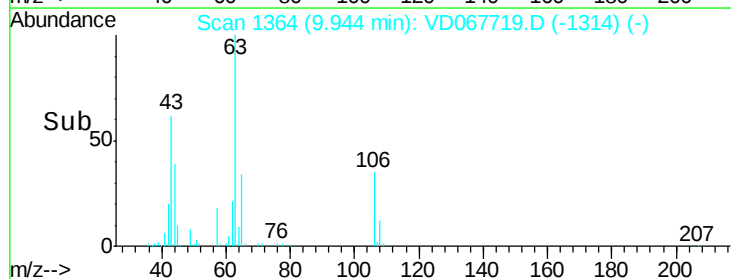
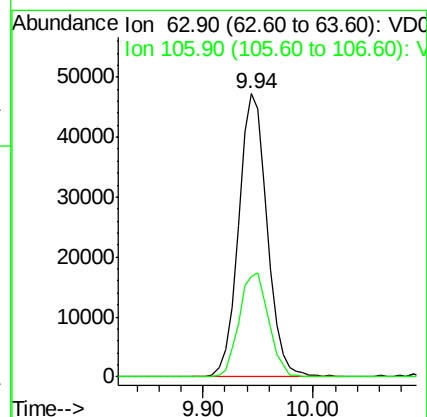
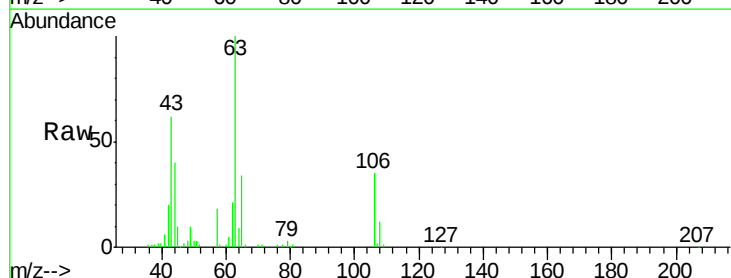
Acq: 20 Nov 2020 12:41

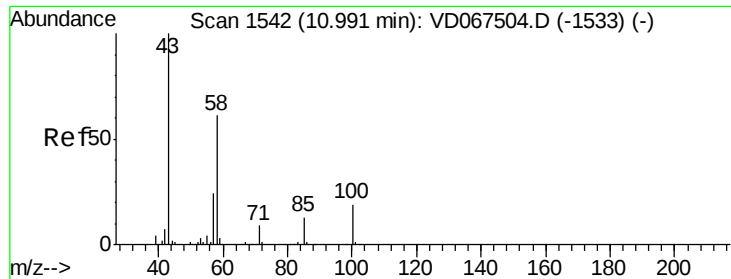
Tgt Ion: 63 Resp: 85585

Ion Ratio Lower Upper

63 100

106 38.0 29.2 43.8

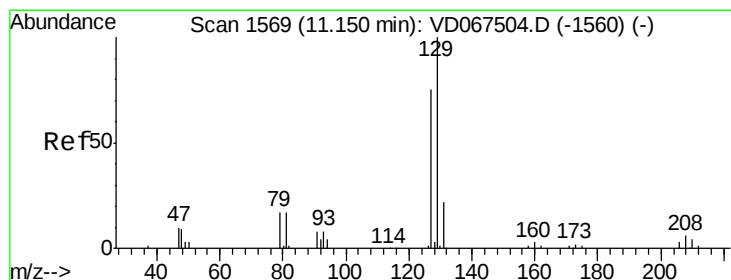
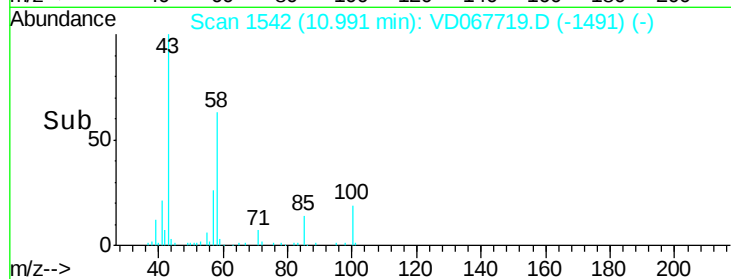
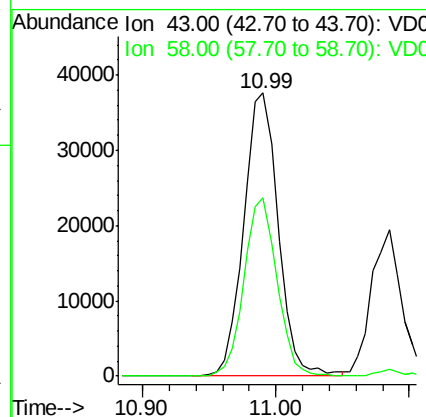
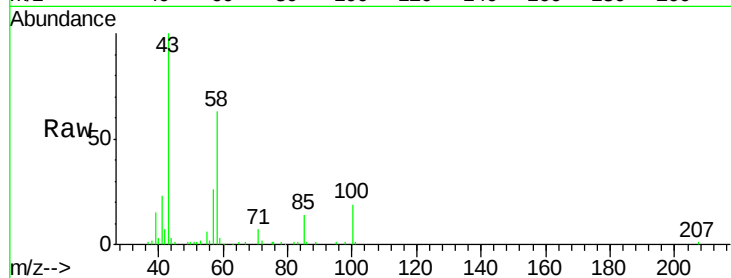




#59
2-Hexanone
Concen: 121.043 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

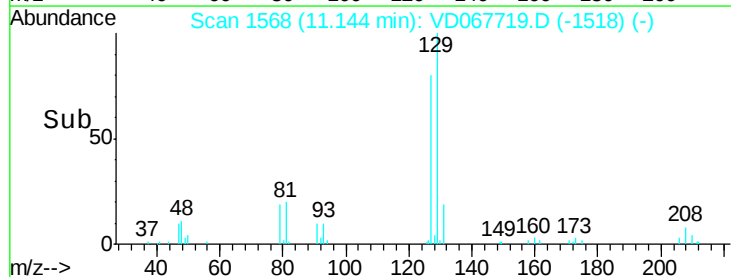
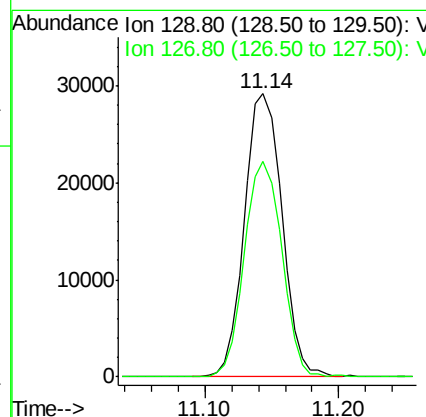
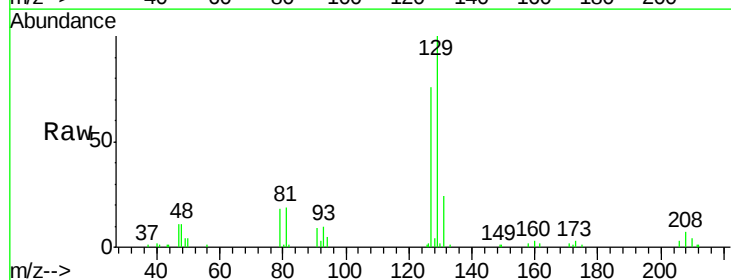
Instrument :
MSVOA_D
ClientSampled :

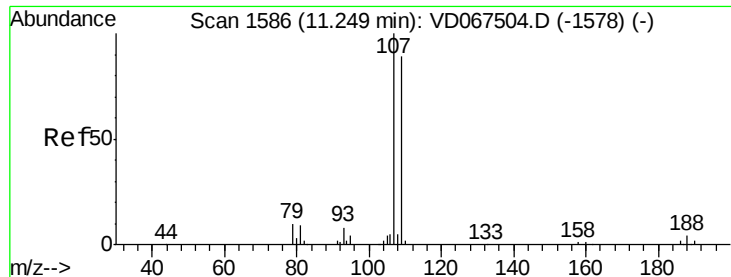
Tot Ion: 43 Resp: 67082
Ion Ratio Lower Upper
43 100
58 59.9 30.3 90.9



#60
Dibromochloromethane
Concen: 24.191 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Tgt Ion: 129 Resp: 56911
Ion Ratio Lower Upper
129 100
127 75.9 38.0 114.1

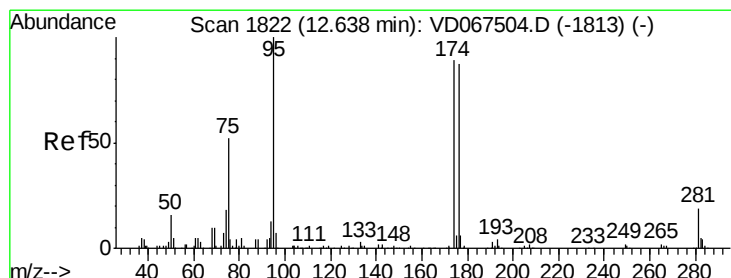
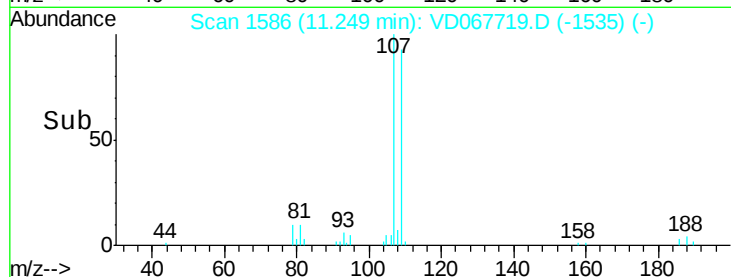
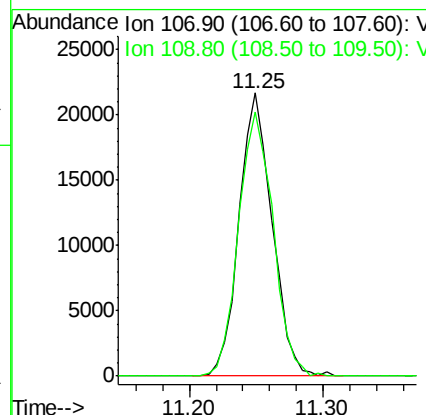
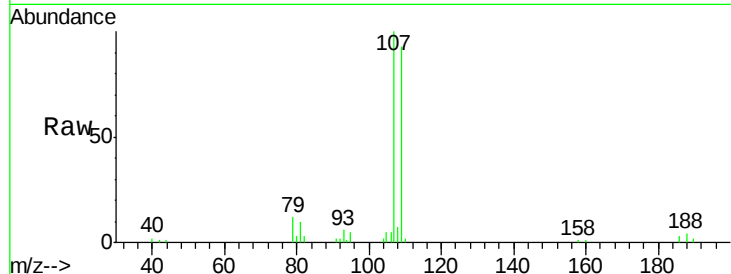




#61
 1,2-Dibromoethane
 Concen: 23.305 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067719.D
 Acq: 20 Nov 2020 12:41

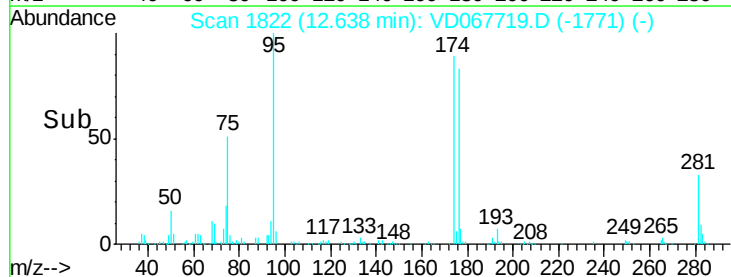
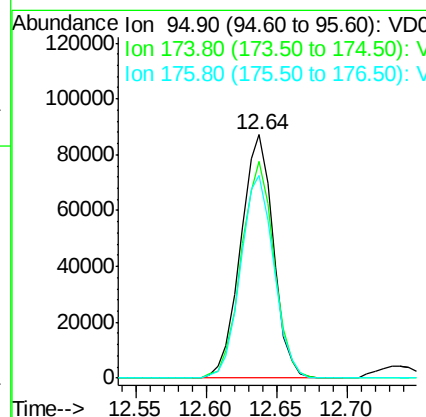
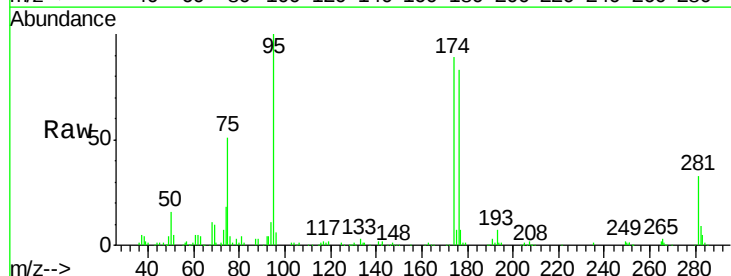
Instrument :
 MSVOA_D
 ClientSampleId :

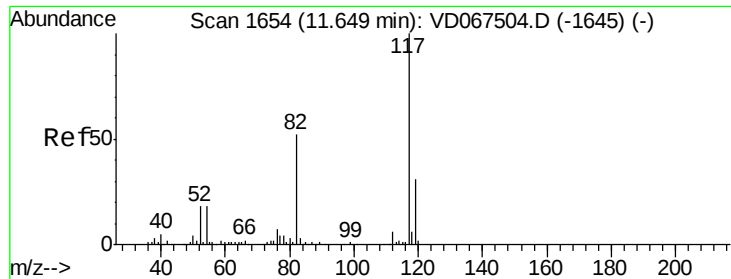
Tot Ion: 107 Resp: 37198
 Ion Ratio Lower Upper
 107 100
 109 97.6 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 51.098 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067719.D
 Acq: 20 Nov 2020 12:41

Tgt Ion: 95 Resp: 140852
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 177.8
 176 84.6 0.0 172.0

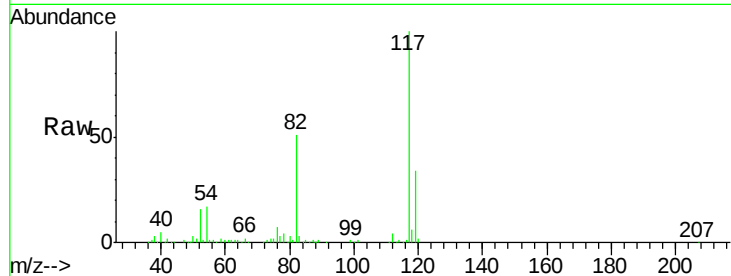




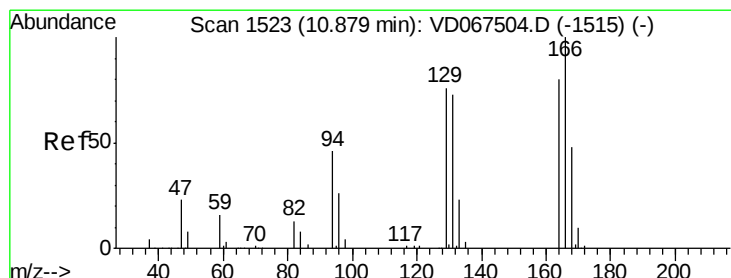
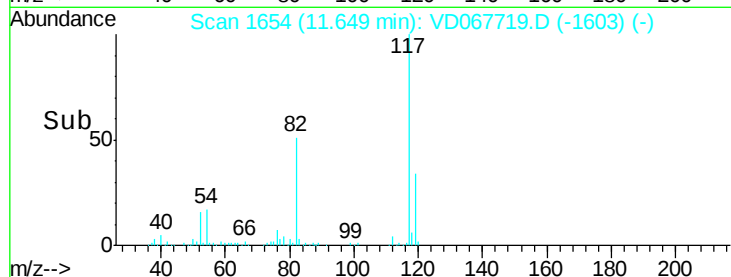
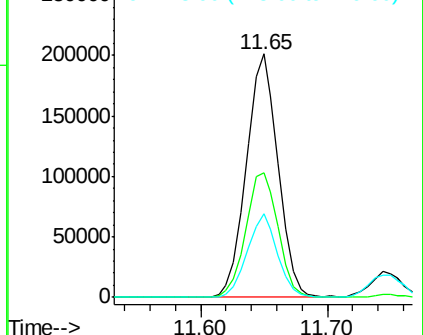
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 349651
Ion Ratio Lower Upper
117 100
82 51.0 41.6 62.4
119 34.2 25.1 37.7

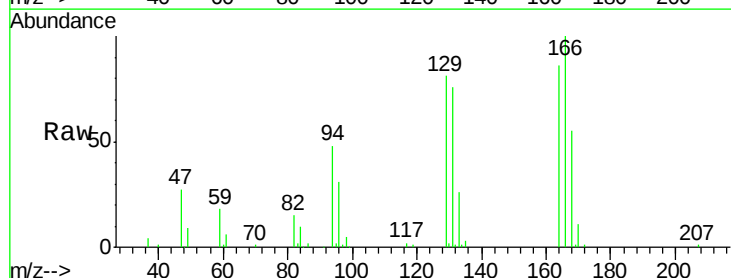


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

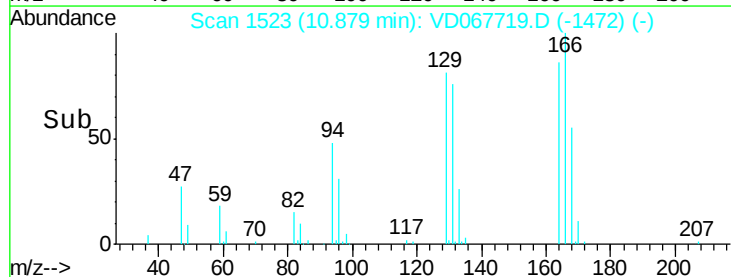
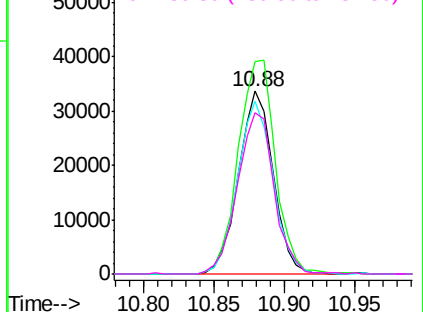


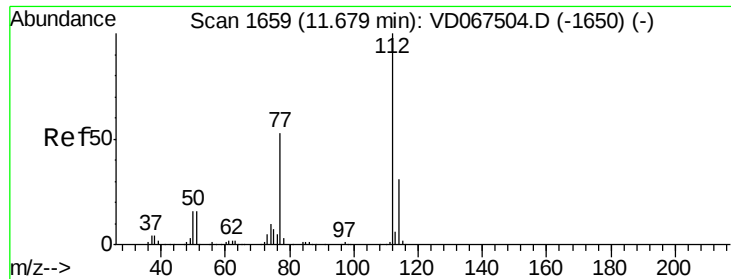
#64
Tetrachloroethene
Concen: 22.346 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Tgt Ion:164 Resp: 57866
Ion Ratio Lower Upper
164 100
166 116.1 99.9 149.9
129 94.5 75.5 113.3
131 88.5 73.4 110.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

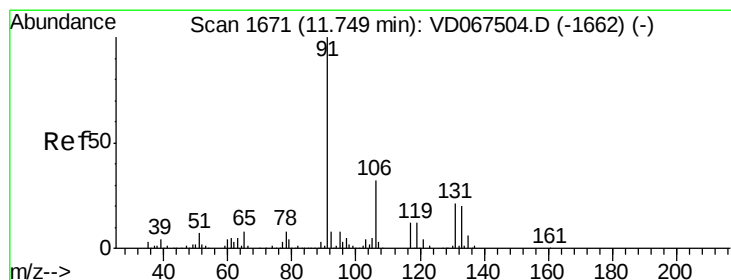
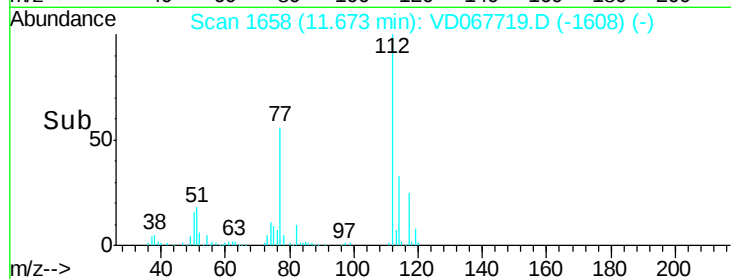
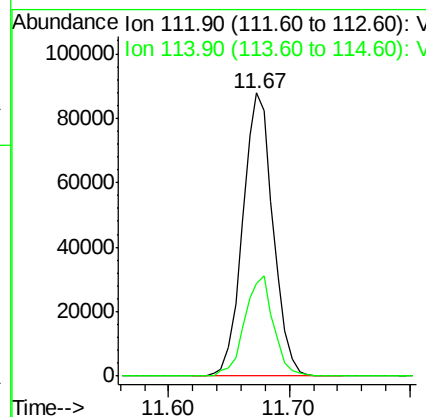
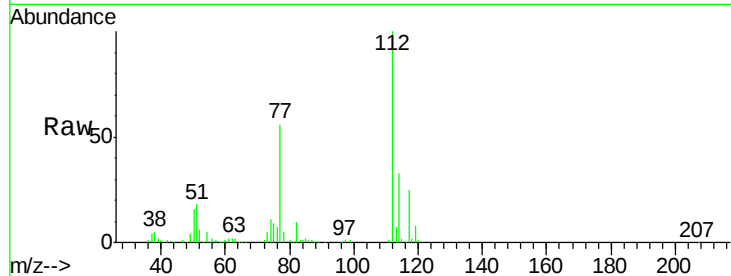




#65
Chlorobenzene
Concen: 22.737 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

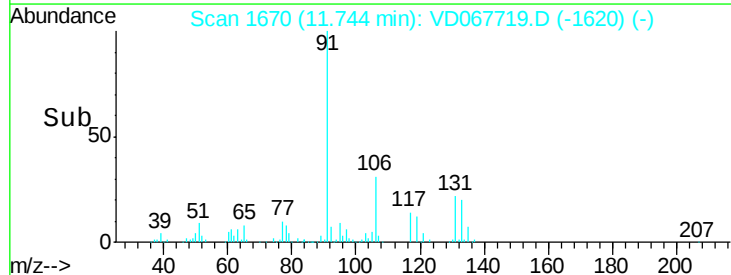
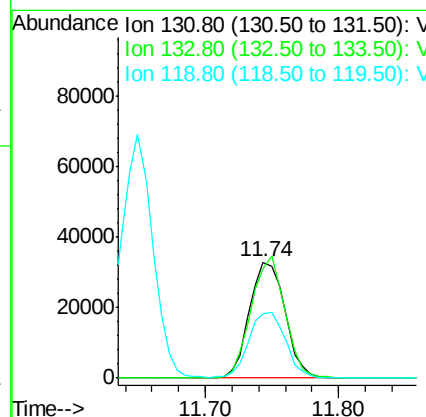
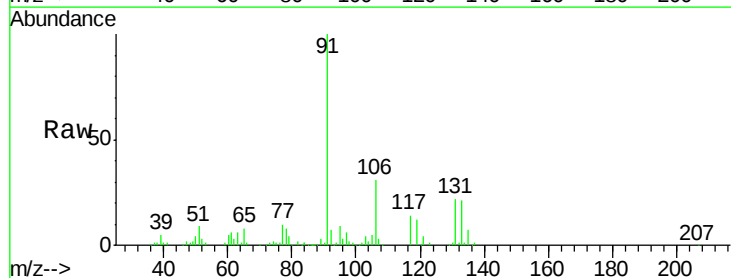
Instrument :
MSVOA_D
ClientSampleId :

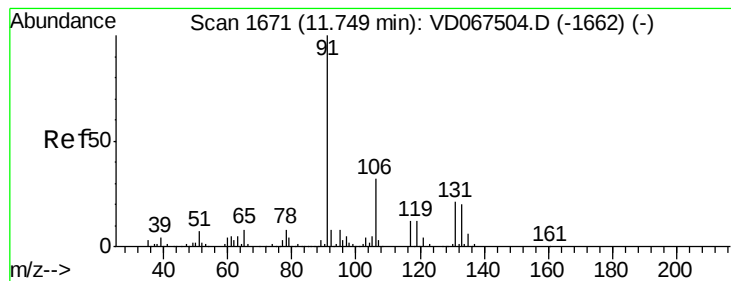
Tot Ion:112 Resp: 153139
Ion Ratio Lower Upper
112 100
114 32.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.909 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Tgt Ion:131 Resp: 60814
Ion Ratio Lower Upper
131 100
133 98.6 48.0 144.0
119 58.3 30.1 90.5





#67

Ethyl Benzene

Concen: 22.830 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

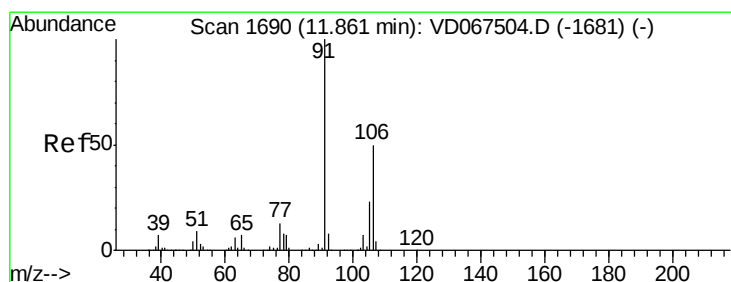
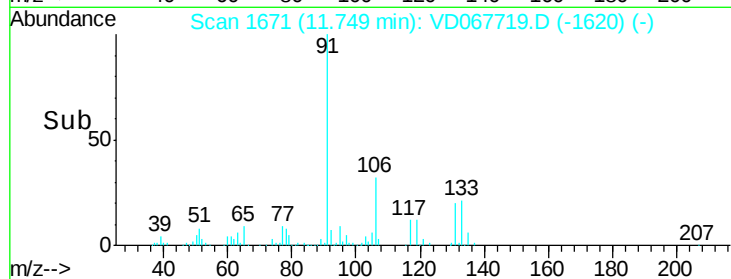
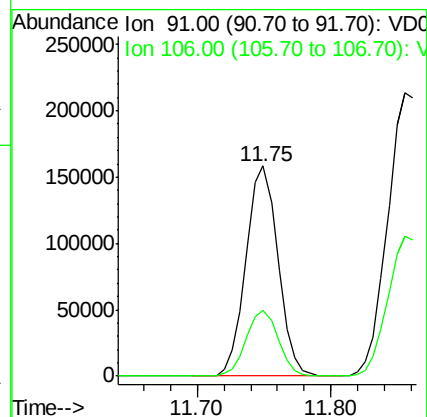
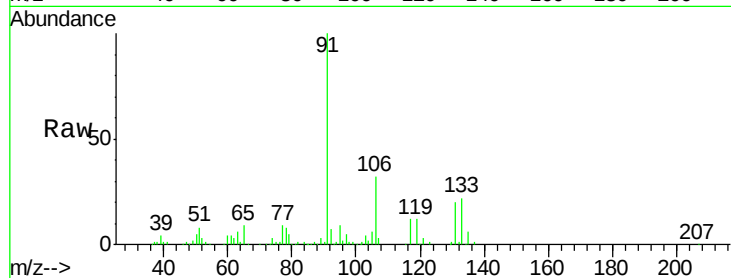
ClientSampled :

Tot Ion: 91 Resp: 263118

Ion Ratio Lower Upper

91 100

106 31.6 25.7 38.5



#68

m/p-Xylenes

Concen: 45.770 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067719.D

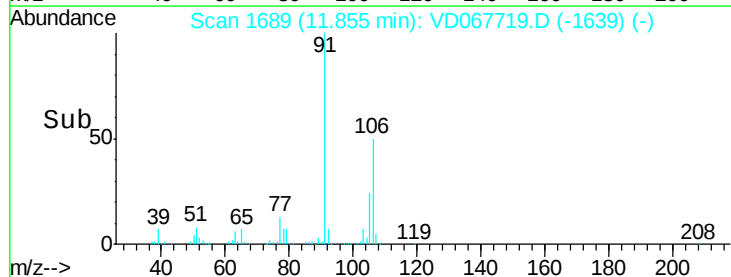
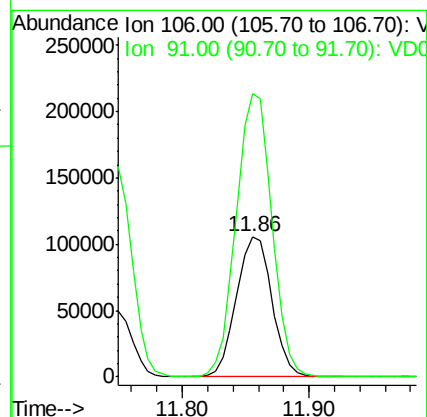
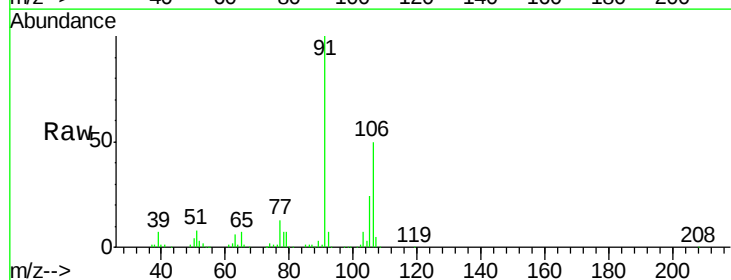
Acq: 20 Nov 2020 12:41

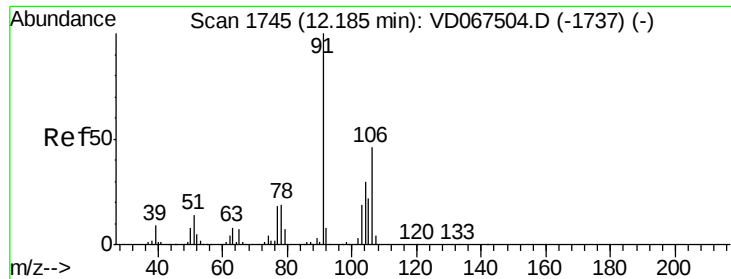
Tgt Ion: 106 Resp: 205228

Ion Ratio Lower Upper

106 100

91 203.3 162.6 244.0

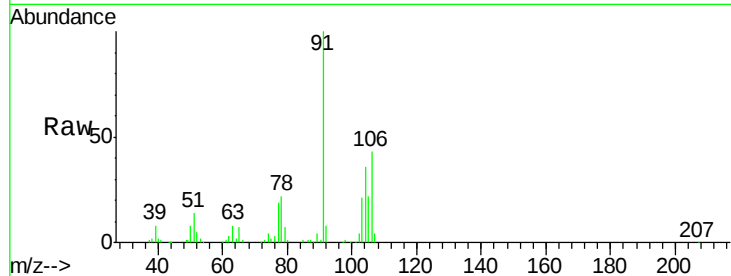




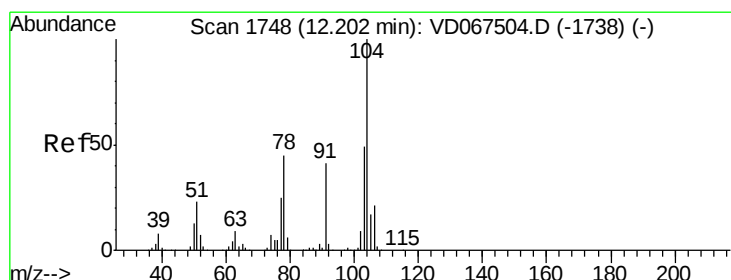
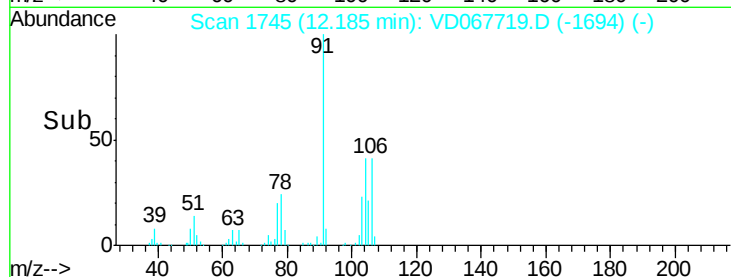
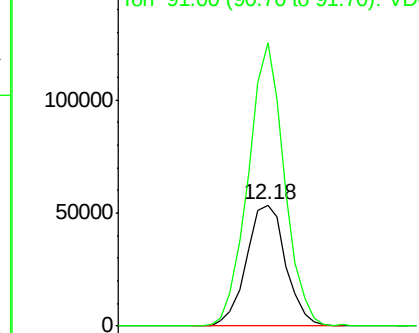
#69
o-Xylene
Concen: 23.030 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 92197
Ion Ratio Lower Upper
106 100
91 215.7 107.1 321.1

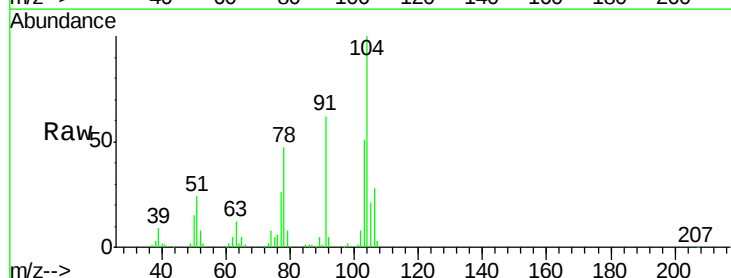


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

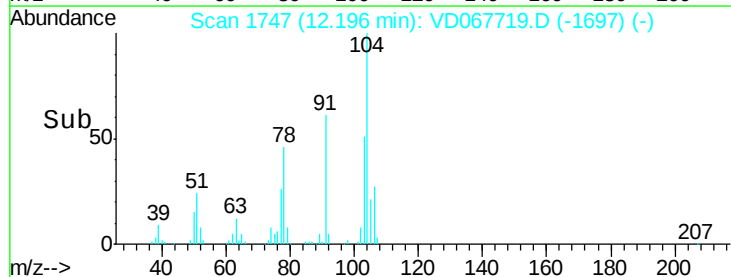
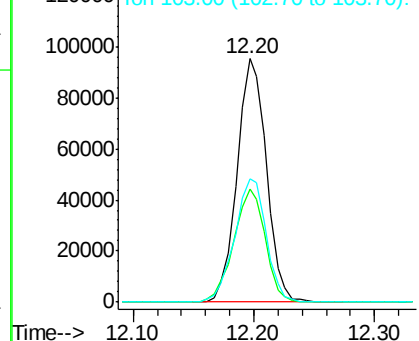


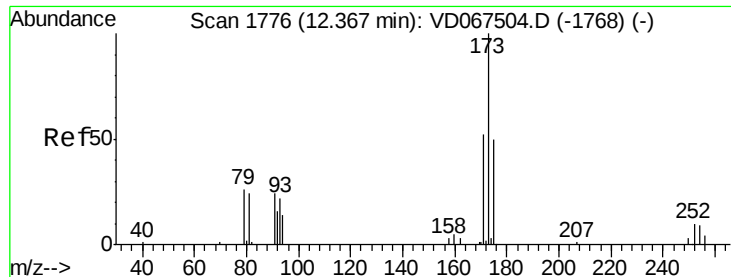
#70
Styrene
Concen: 23.057 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Tgt Ion:104 Resp: 160839
Ion Ratio Lower Upper
104 100
78 49.8 39.8 59.8
103 54.5 43.9 65.9



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

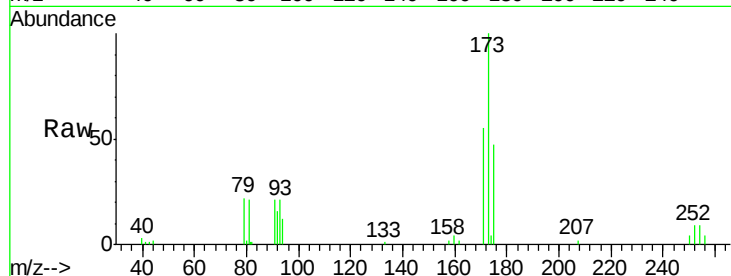




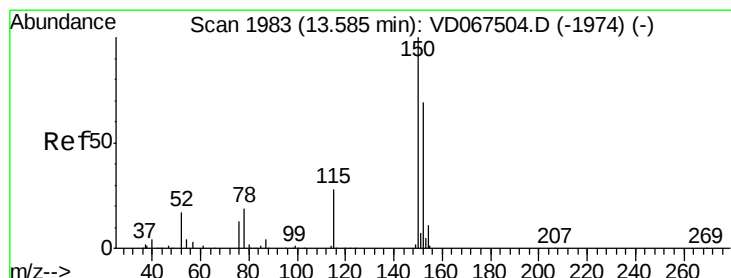
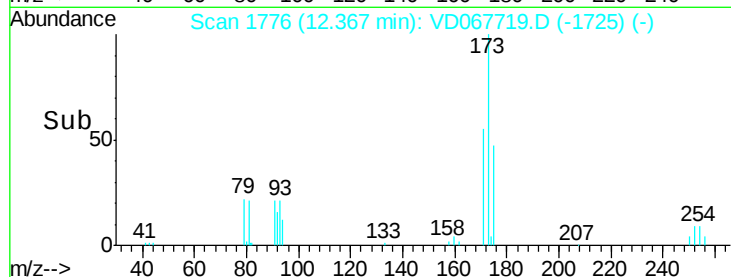
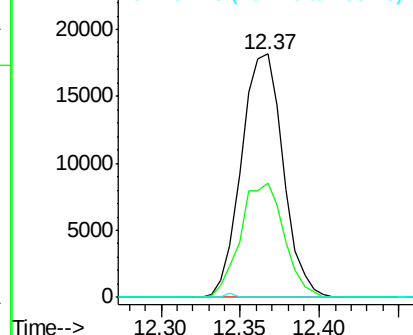
#71
Bromoform
Concen: 24.559 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:173 Resp: 33250
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.2
254 0.0 0.0 0.0

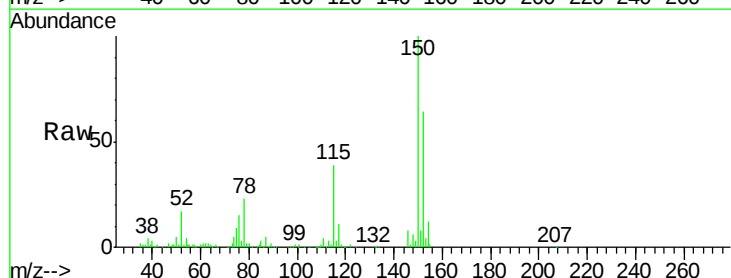


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

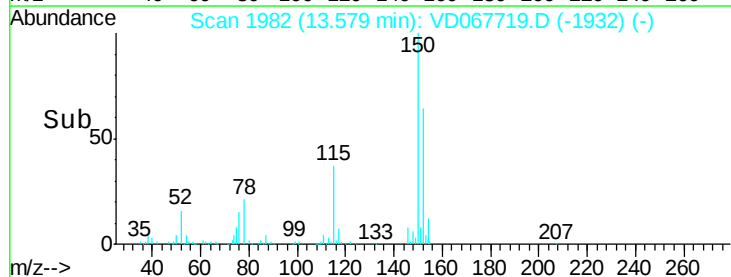
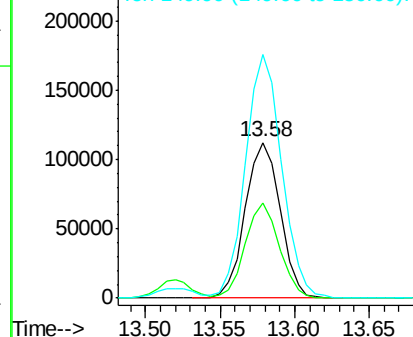


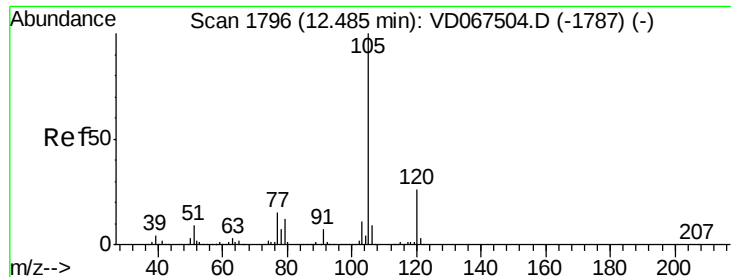
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Tgt Ion:152 Resp: 182418
Ion Ratio Lower Upper
152 100
115 59.5 29.3 88.0
150 161.7 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: 22.264 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

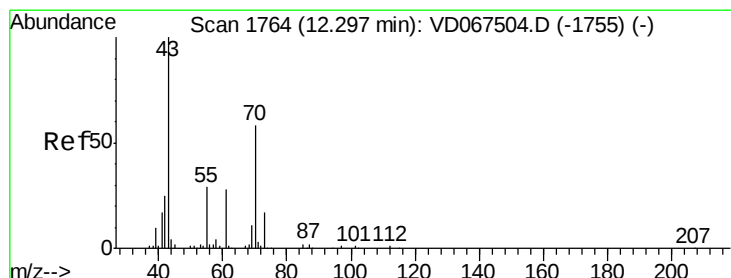
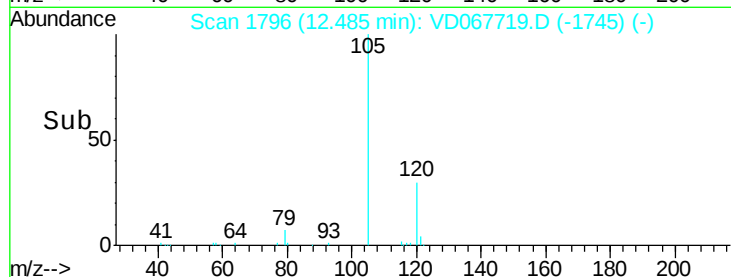
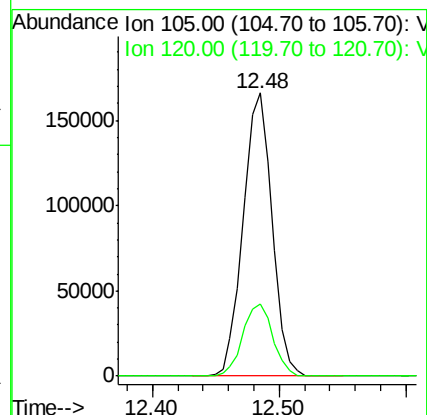
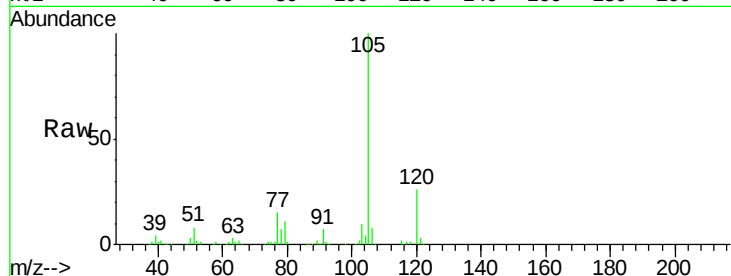
ClientSampled :

Tot Ion:105 Resp: 262479

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 23.017 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Tgt Ion: 43 Resp: 35706

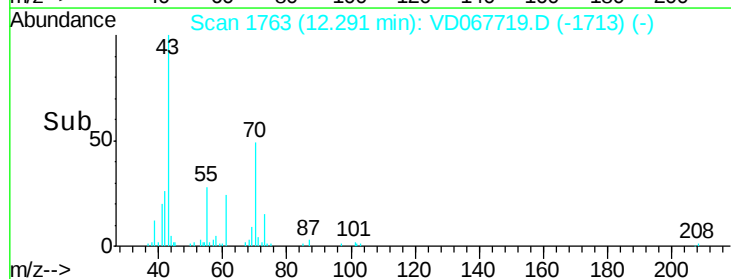
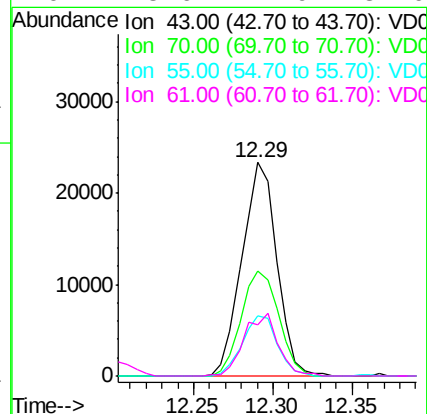
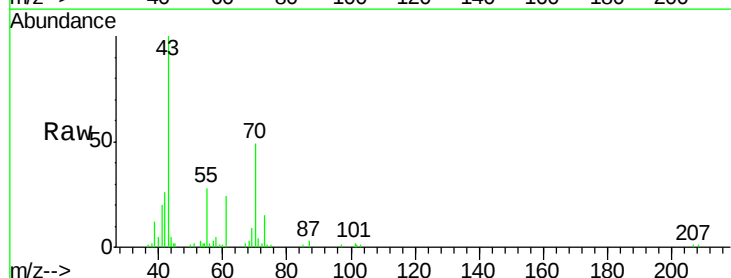
Ion Ratio Lower Upper

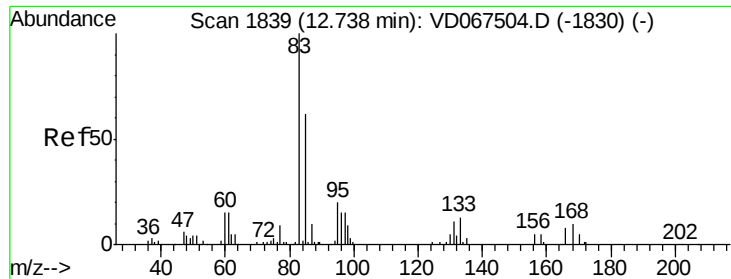
43 100

70 52.9 42.6 64.0

55 28.3 23.7 35.5

61 28.6 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 22.086 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

ClientSampled :

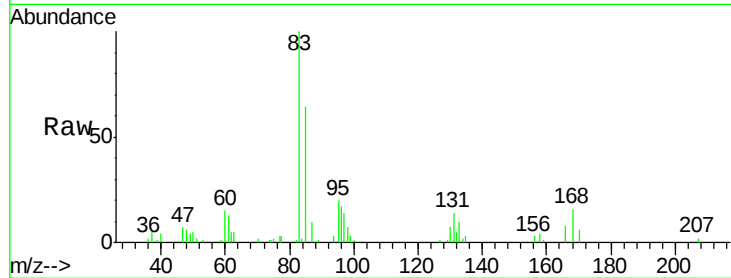
Tot Ion: 83 Resp: 35506

Ion Ratio Lower Upper

83 100

131 13.9 7.1 21.3

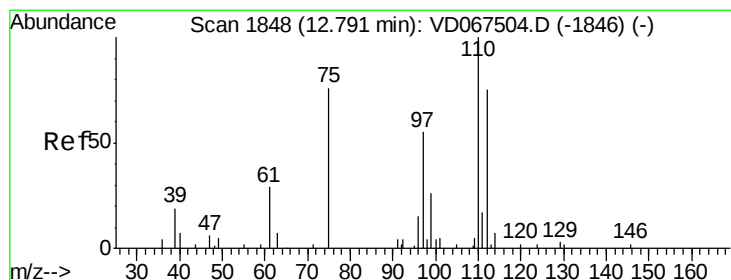
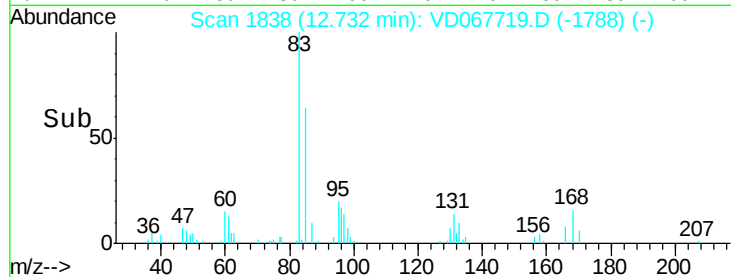
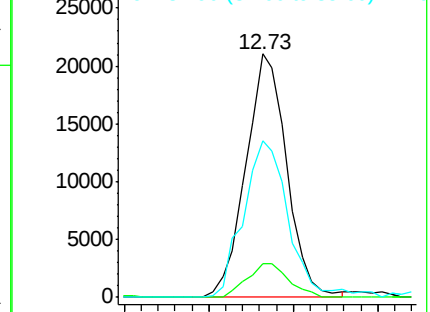
85 71.2 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 46.792 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD067719.D

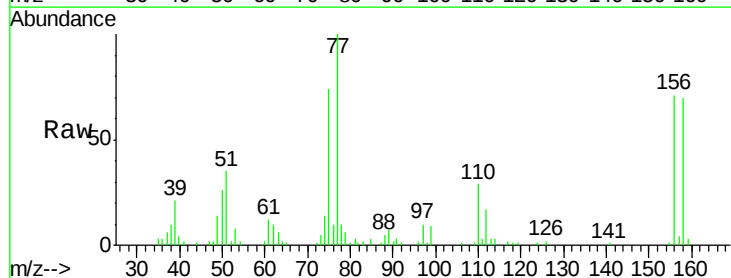
Acq: 20 Nov 2020 12:41

Tgt Ion: 75 Resp: 51492

Ion Ratio Lower Upper

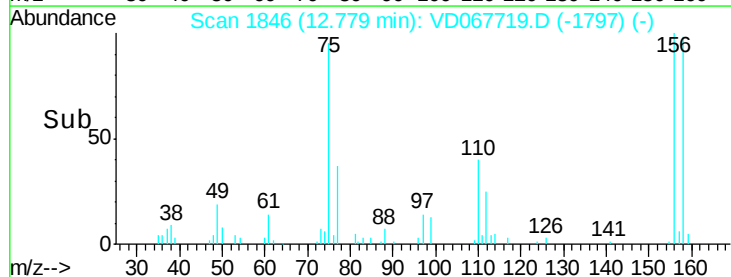
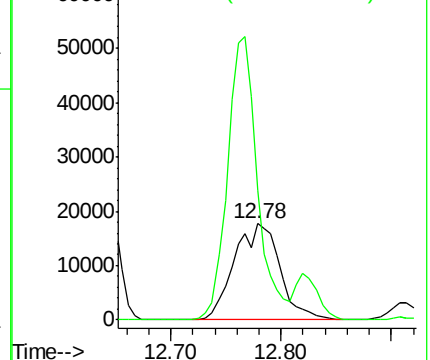
75 100

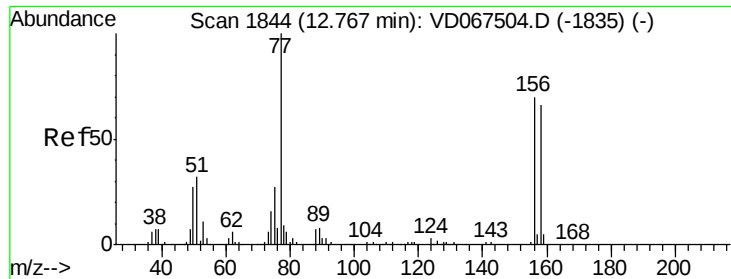
77 192.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 22.786 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

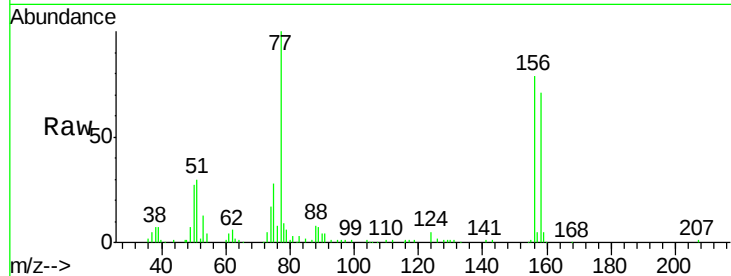
Tot Ion:156 Resp: 65974

Ion Ratio Lower Upper

156 100

77 150.3 77.8 233.5

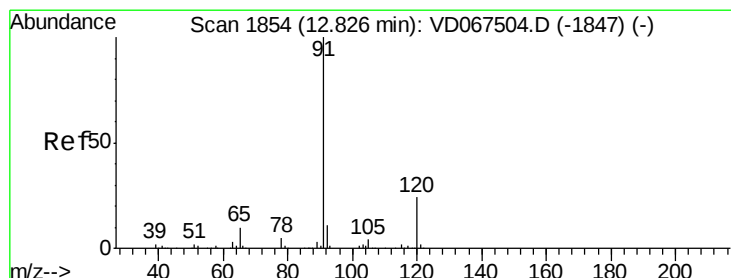
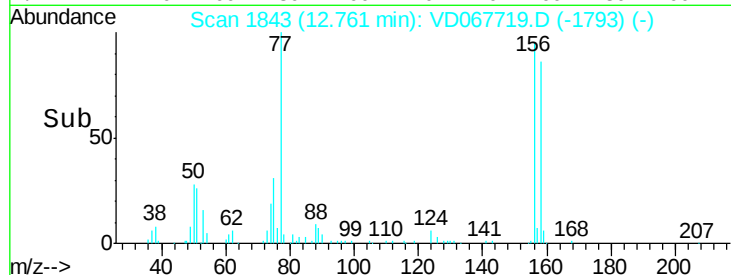
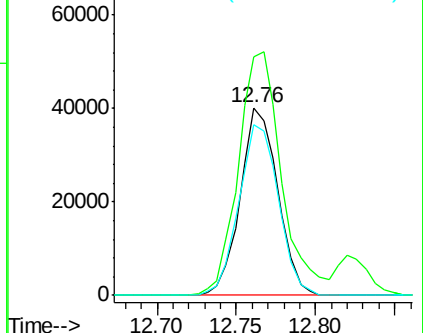
158 96.1 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.103 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067719.D

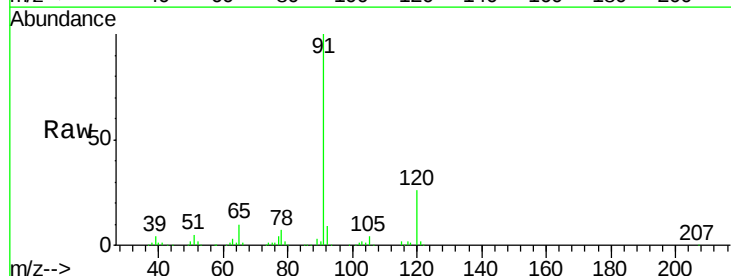
Acq: 20 Nov 2020 12:41

Tgt Ion: 91 Resp: 298064

Ion Ratio Lower Upper

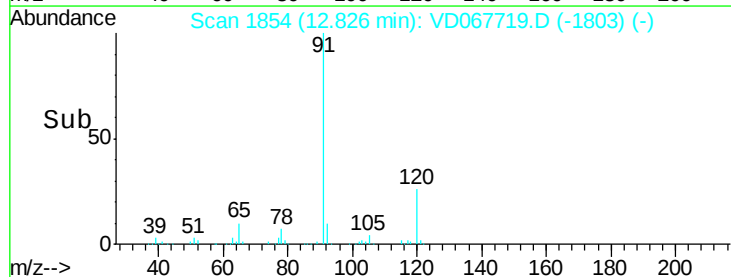
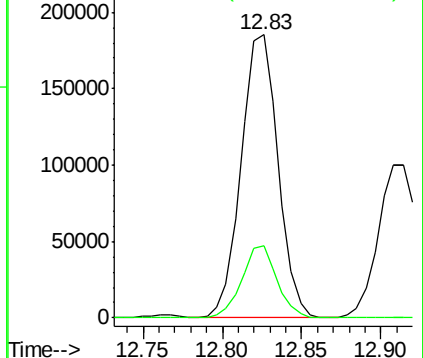
91 100

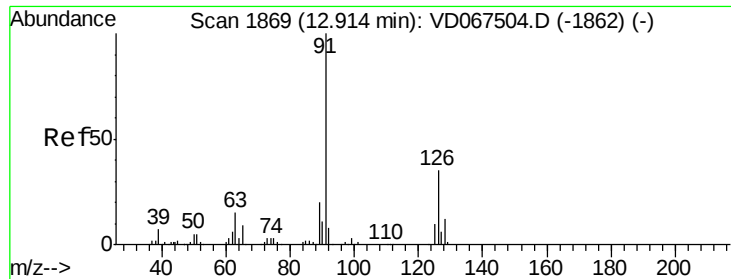
120 24.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

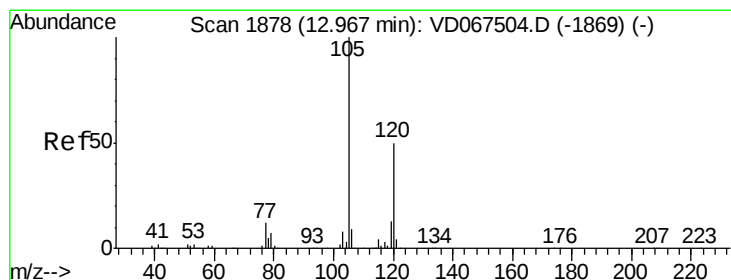
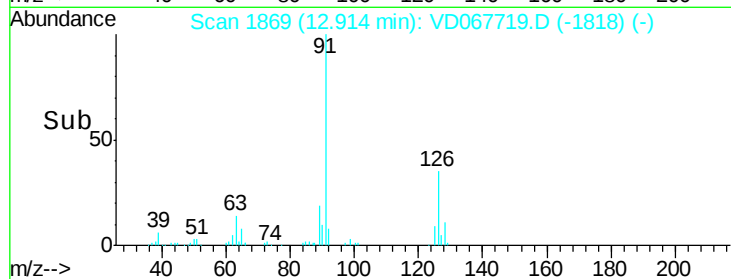
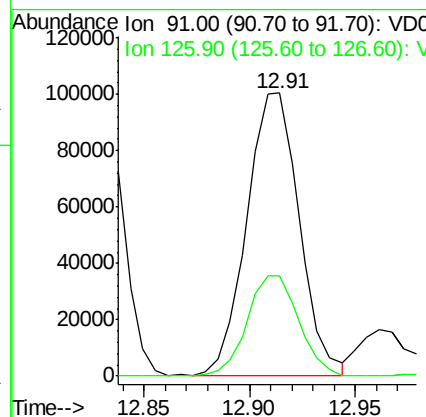
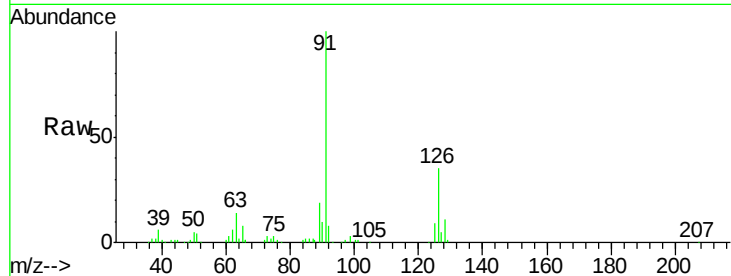




#79
 2-Chlorotoluene
 Concen: 22.615 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD067719.D
 Acq: 20 Nov 2020 12:41

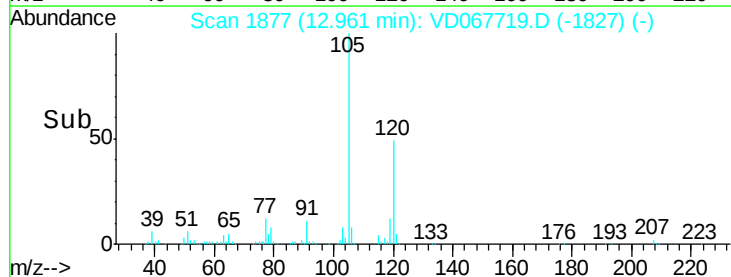
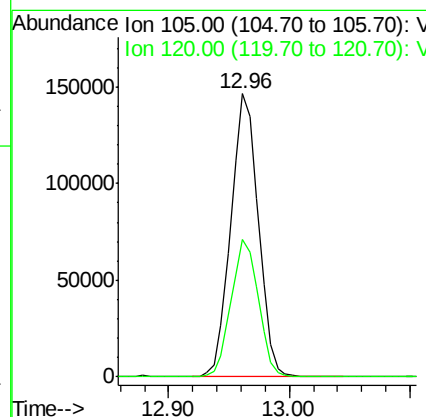
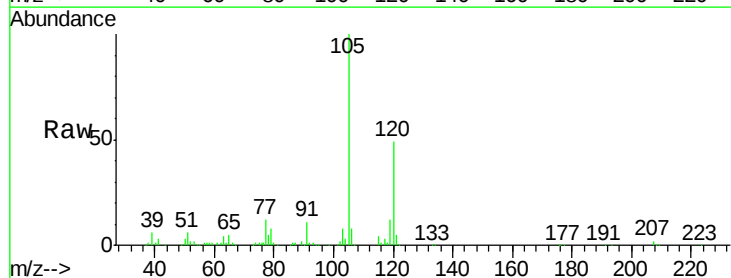
Instrument :
 MSVOA_D
 ClientSampleId :

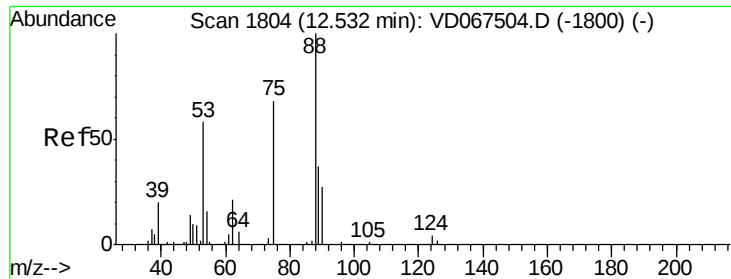
Tot Ion: 91 Resp: 173231
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.8 53.4



#80
 1,3,5-Trimethylbenzene
 Concen: 23.020 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VD067719.D
 Acq: 20 Nov 2020 12:41

Tgt Ion:105 Resp: 231834
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8

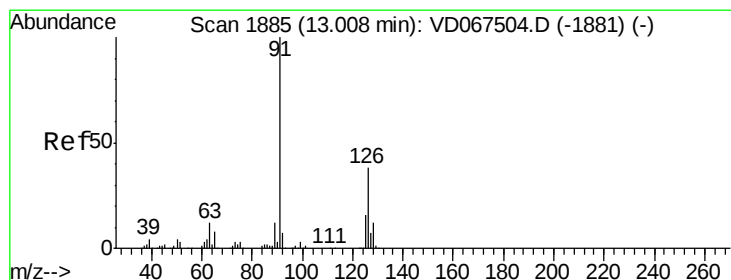
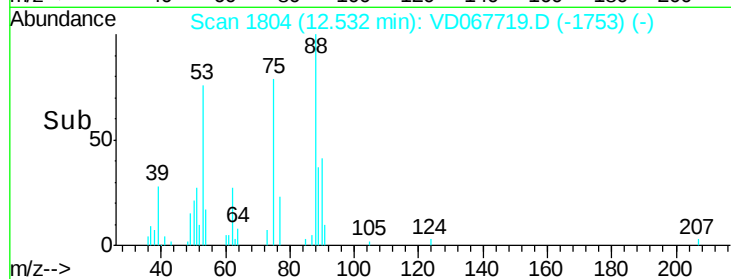
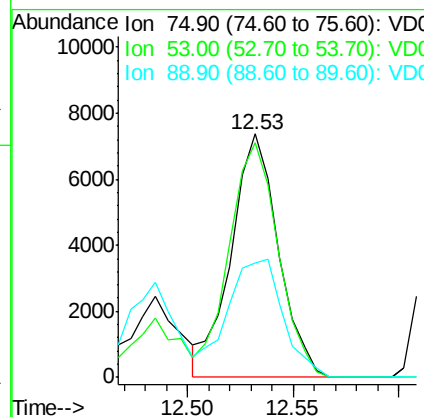
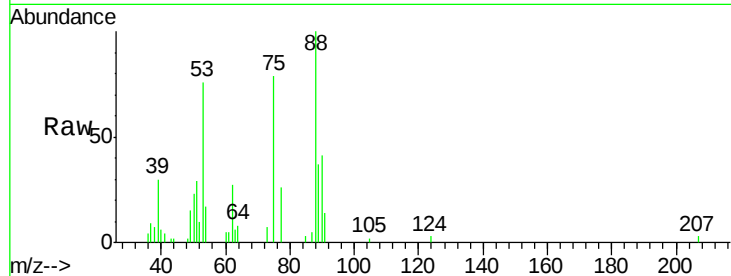




#81
trans-1,4-Dichloro-2-butene
Concen: 21.090 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

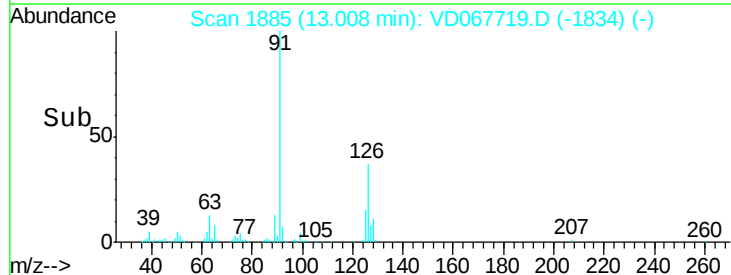
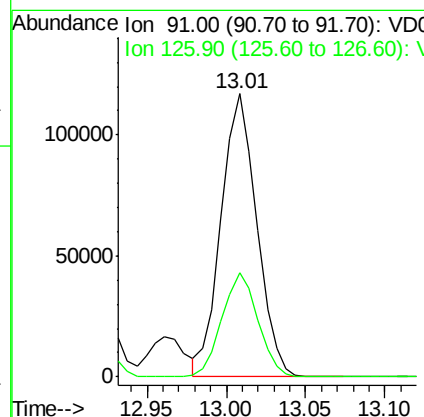
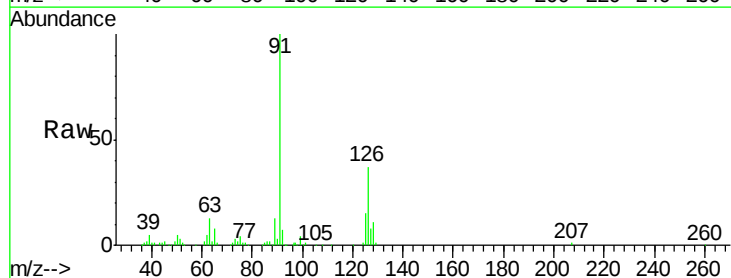
Instrument :
MSVOA_D
ClientSampleId :

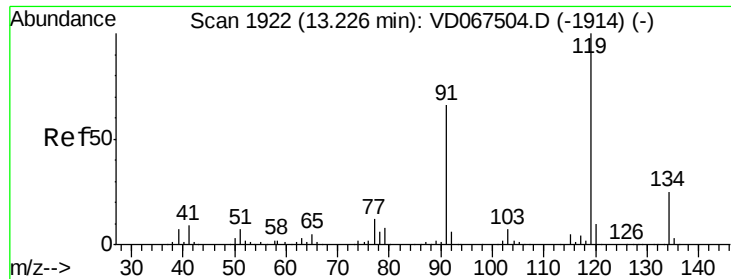
Tot Ion: 75 Resp: 11431
Ion Ratio Lower Upper
75 100
53 100.5 75.9 113.9
89 57.7 44.6 67.0



#82
4-Chlorotoluene
Concen: 22.276 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Tgt Ion: 91 Resp: 183009
Ion Ratio Lower Upper
91 100
126 37.1 17.9 53.7





#83

tert-Butylbenzene

Concen: 23.315 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

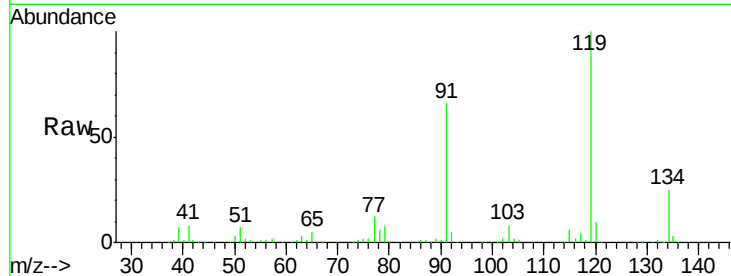
Tot Ion:119 Resp: 199002

Ion Ratio Lower Upper

119 100

91 65.4 32.7 98.1

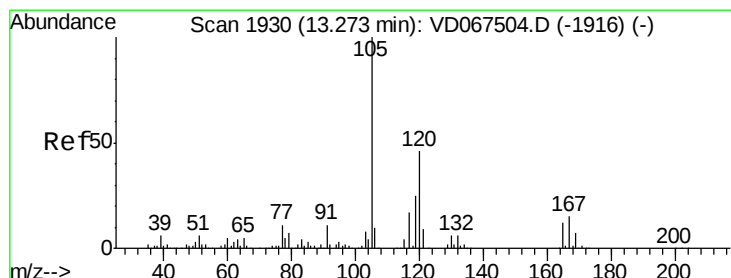
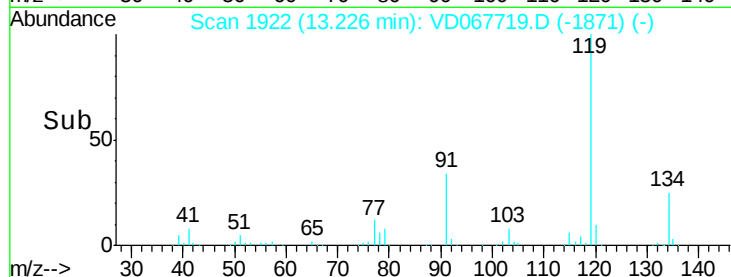
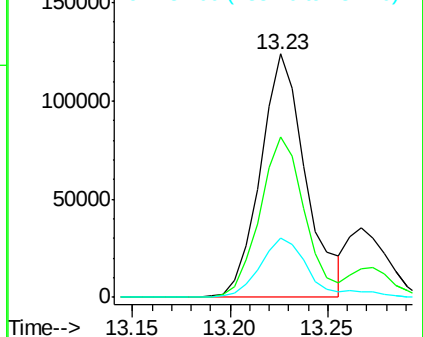
134 26.6 13.4 40.2



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: 23.293 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD067719.D

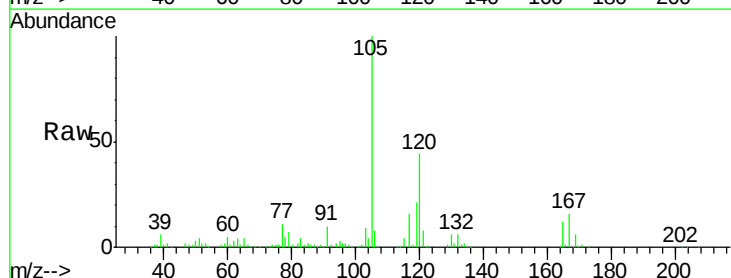
Acq: 20 Nov 2020 12:41

Tgt Ion:105 Resp: 233507

Ion Ratio Lower Upper

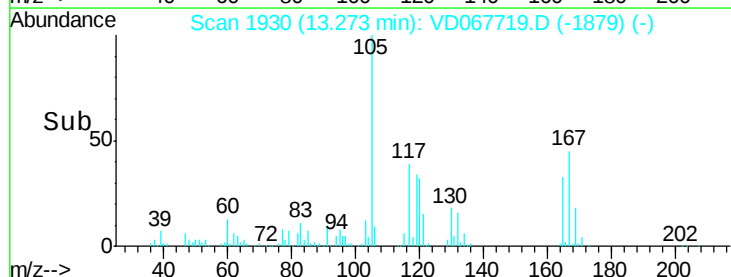
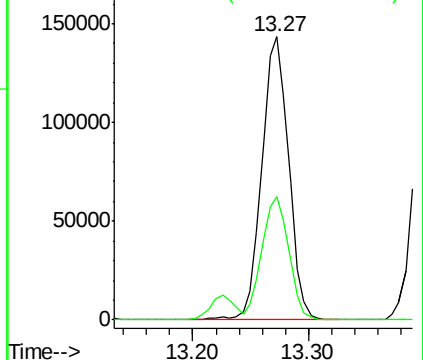
105 100

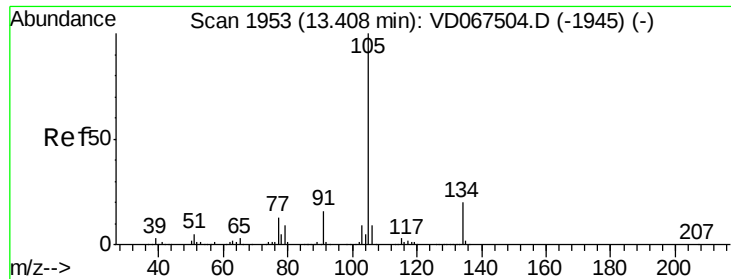
120 43.7 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.486 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

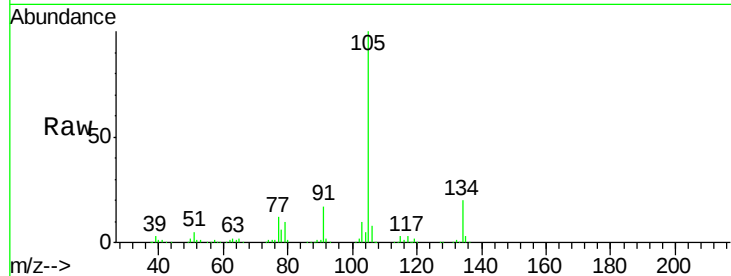
ClientSampleId :

Tot Ion:105 Resp: 259089

Ion Ratio Lower Upper

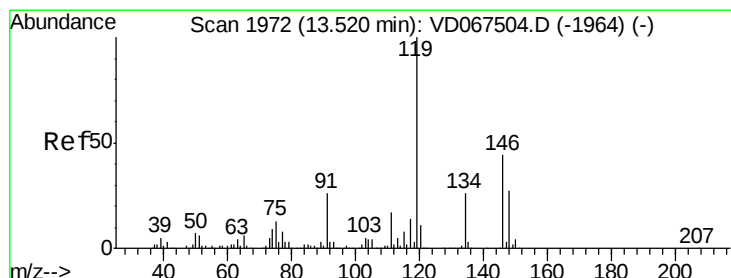
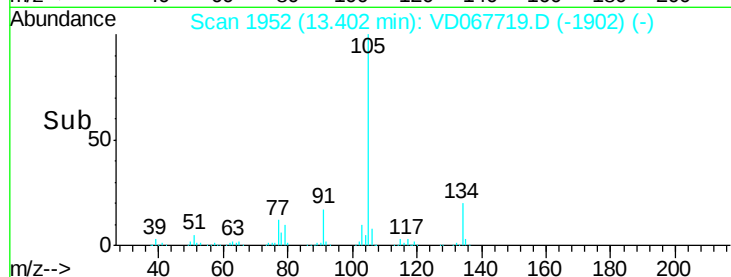
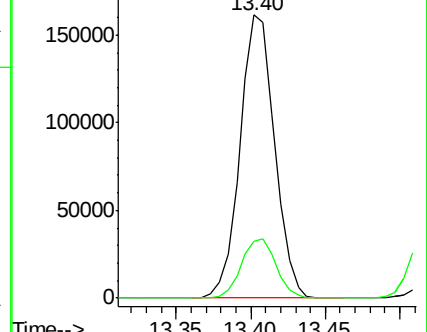
105 100

134 21.0 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: 22.583 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

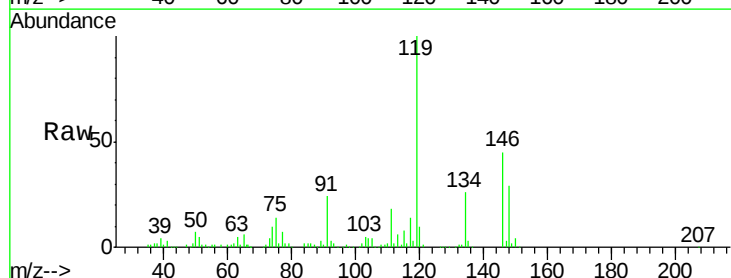
Tgt Ion:119 Resp: 251272

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

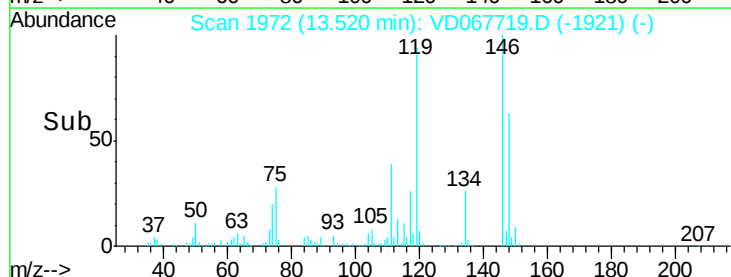
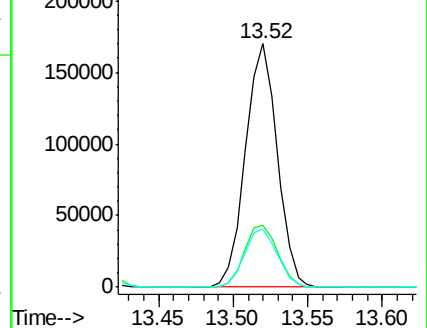
91 24.8 12.2 36.4

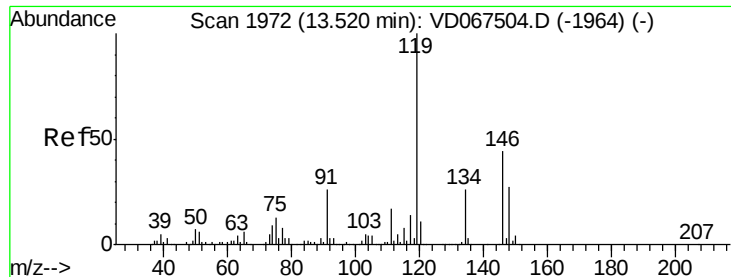


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 22.498 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

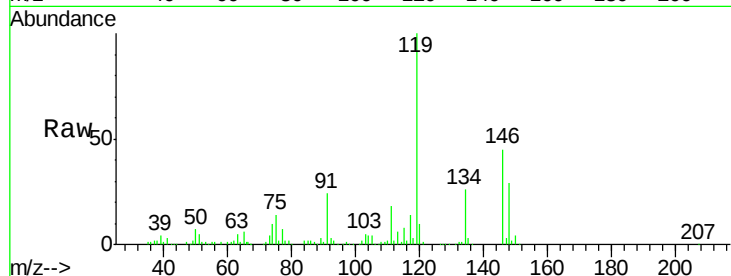
Tot Ion:146 Resp: 124292

Ion Ratio Lower Upper

146 100

111 41.3 20.3 60.8

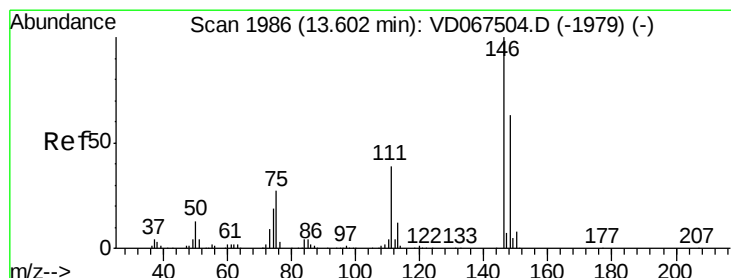
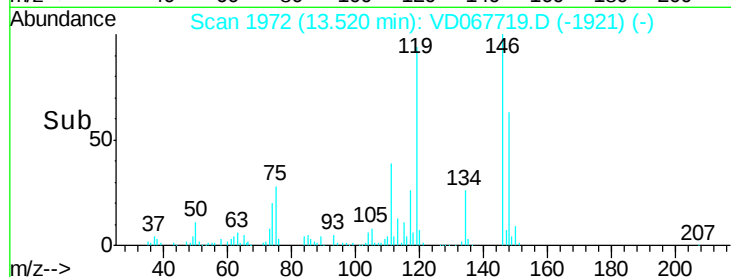
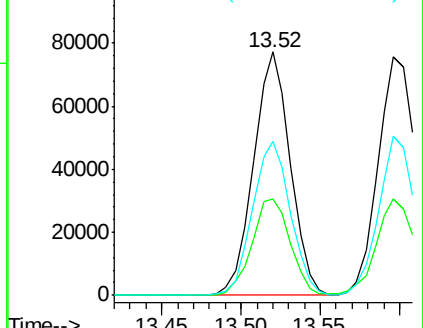
148 65.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 22.454 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

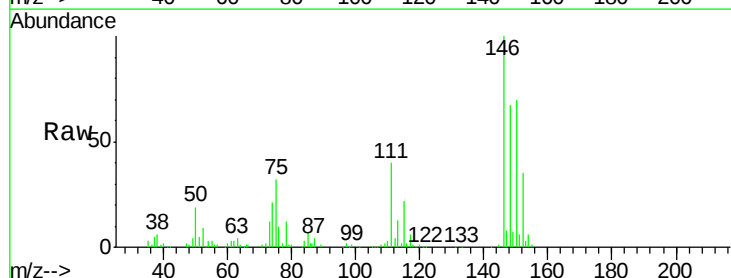
Tgt Ion:146 Resp: 125609

Ion Ratio Lower Upper

146 100

111 40.3 19.6 58.7

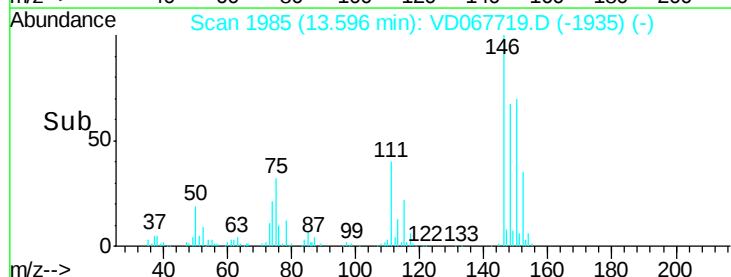
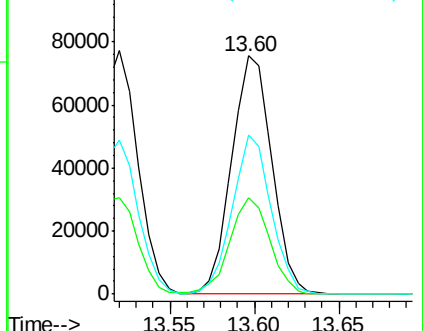
148 64.4 31.8 95.4

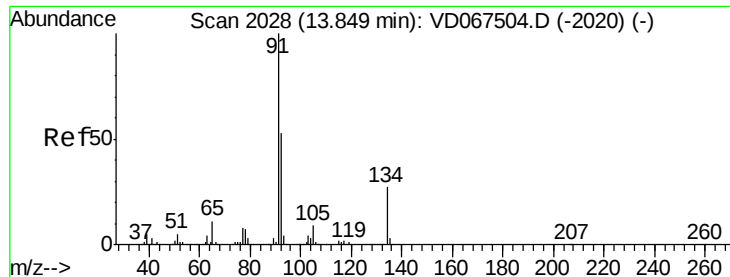


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

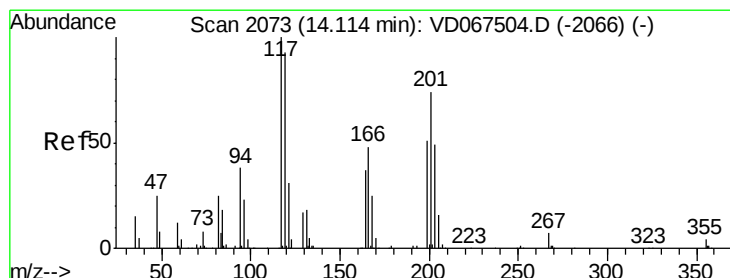
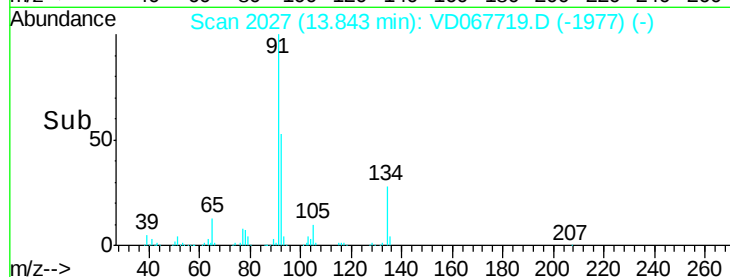
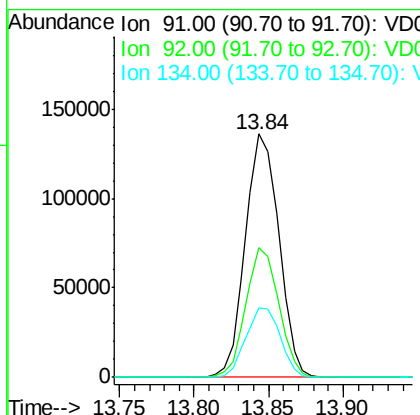
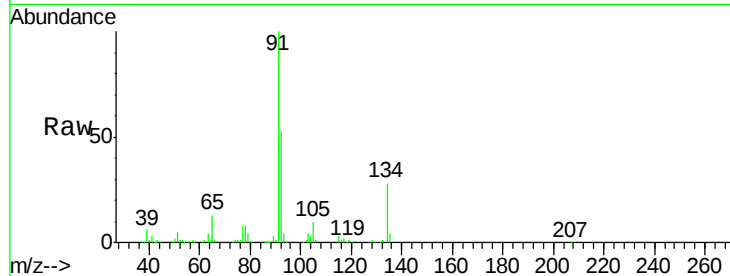




#89
n-Butylbenzene
Concen: 22.049 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

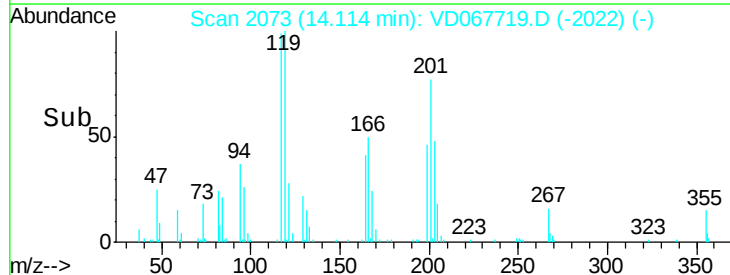
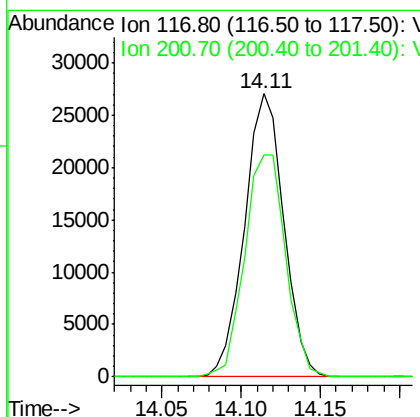
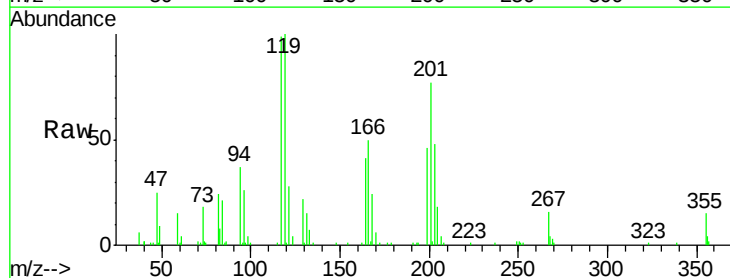
Instrument :
MSVOA_D
ClientSampled :

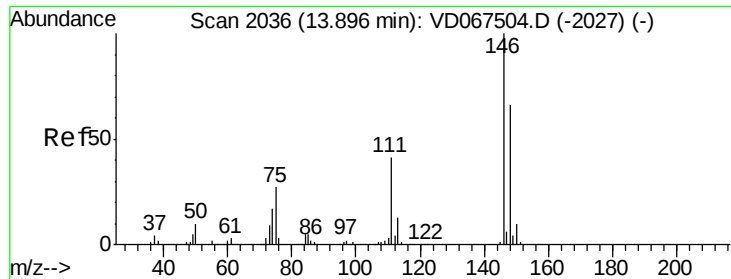
Tot Ion: 91 Resp: 211908
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.8
134 29.3 14.1 42.2



#90
Hexachloroethane
Concen: 22.191 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Tgt Ion: 117 Resp: 46497
Ion Ratio Lower Upper
117 100
201 82.3 40.7 122.1

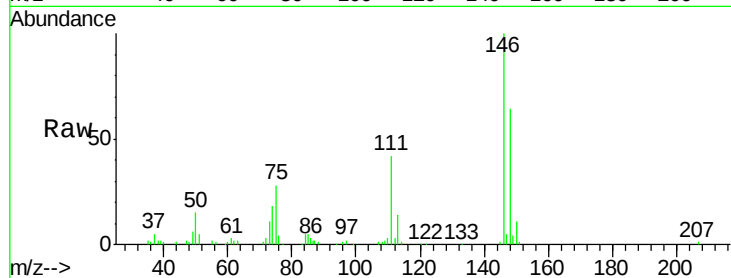




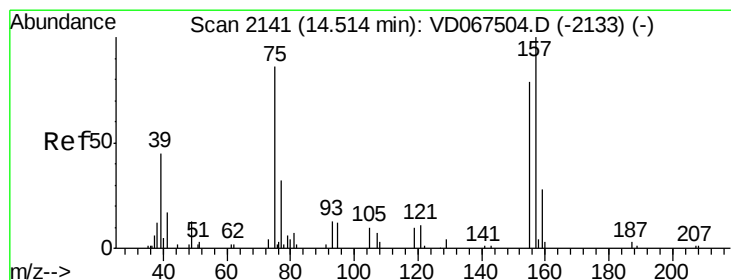
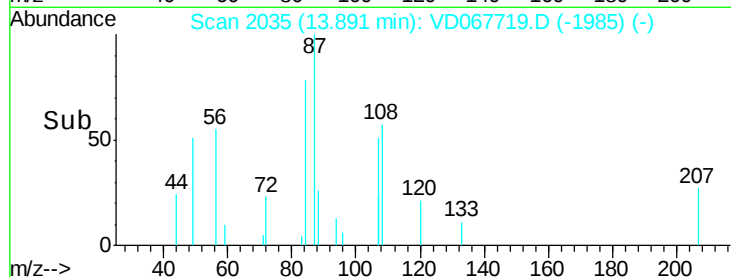
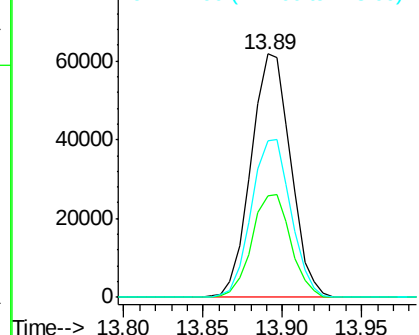
#91
 1,2-Dichlorobenzene
 Concen: 22.480 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067719.D
 Acq: 20 Nov 2020 12:41

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:146 Resp: 107484
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.7 62.1
 148 64.8 31.5 94.5

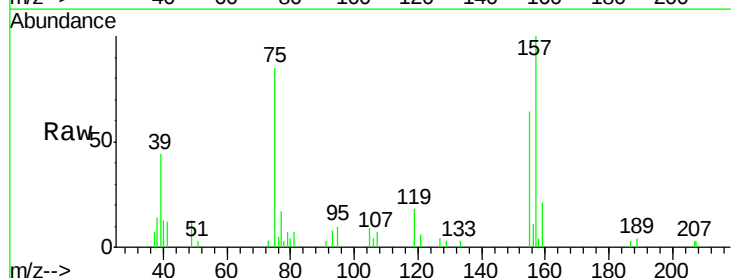


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

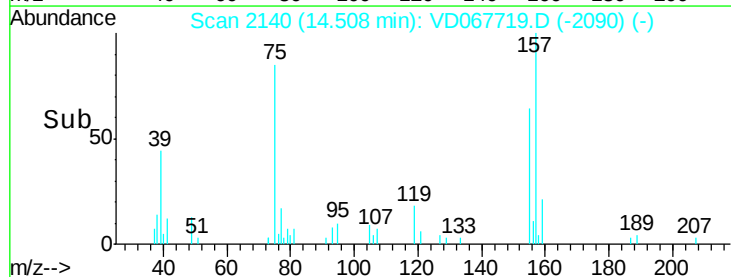
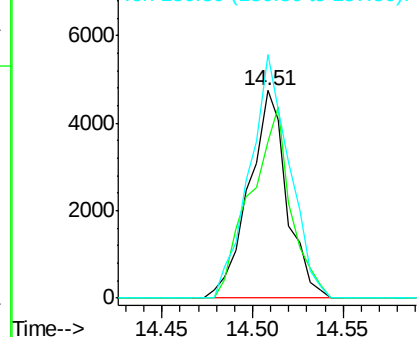


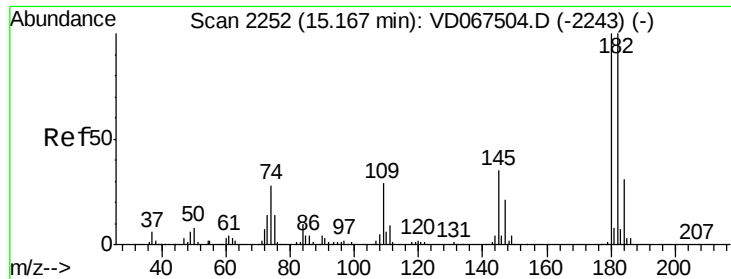
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.280 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067719.D
 Acq: 20 Nov 2020 12:41

Tgt Ion: 75 Resp: 6911
 Ion Ratio Lower Upper
 75 100
 155 97.8 46.6 139.8
 157 123.6 58.1 174.2



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

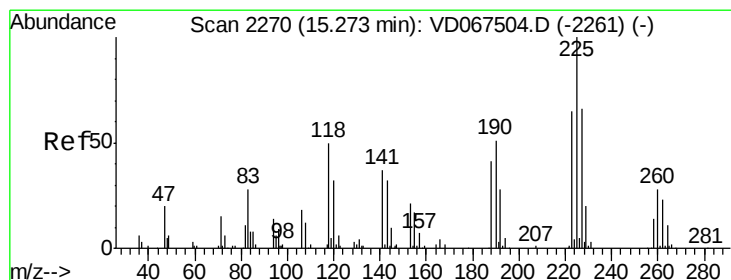
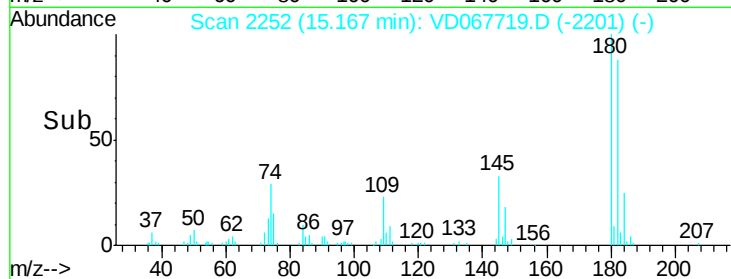
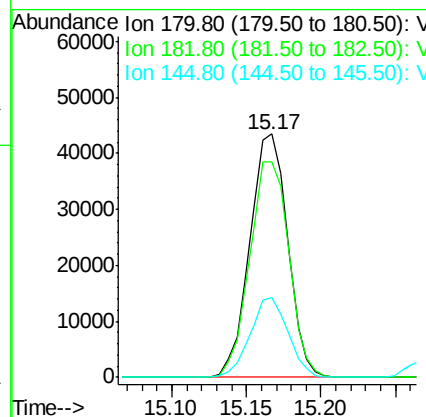
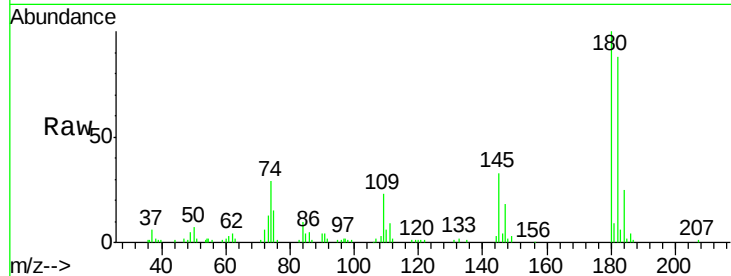




#93
 1,2,4-Trichlorobenzene
 Concen: 23.435 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067719.D
 Acq: 20 Nov 2020 12:41

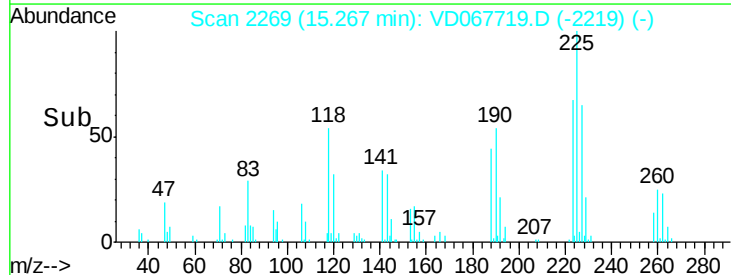
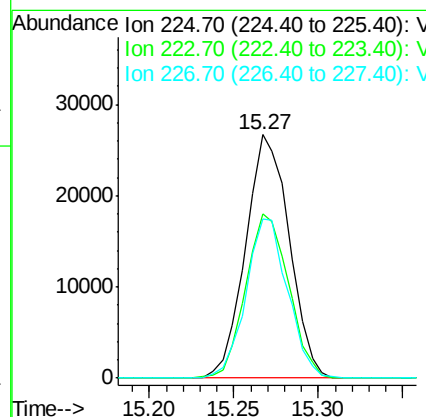
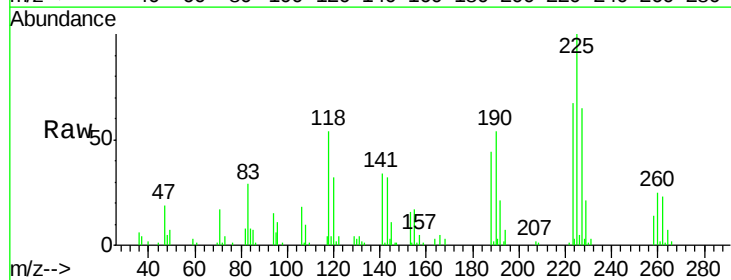
Instrument :
 MSVOA_D
 ClientSampled :

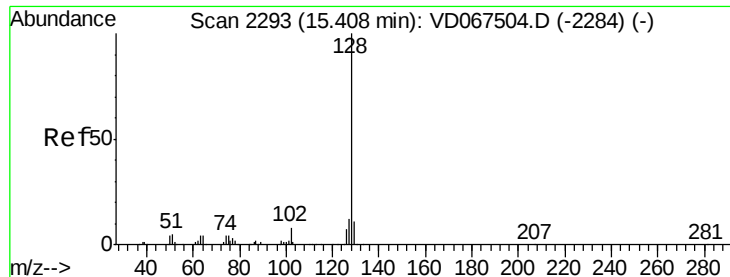
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.4	142.3
145	33.0	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 22.047 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD067719.D
 Acq: 20 Nov 2020 12:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.3	31.9	95.5
227	62.7	32.5	97.4

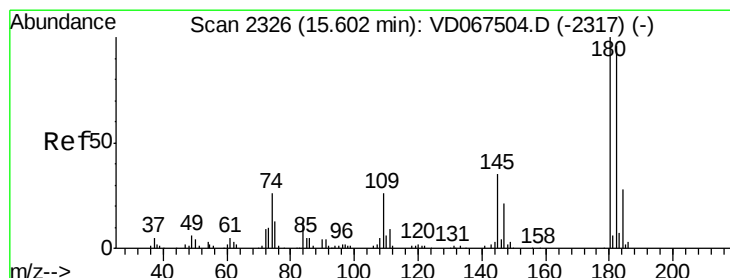
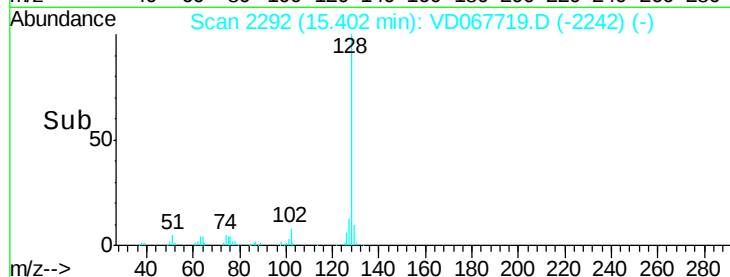
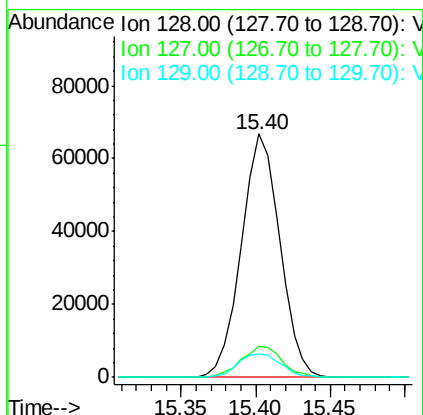
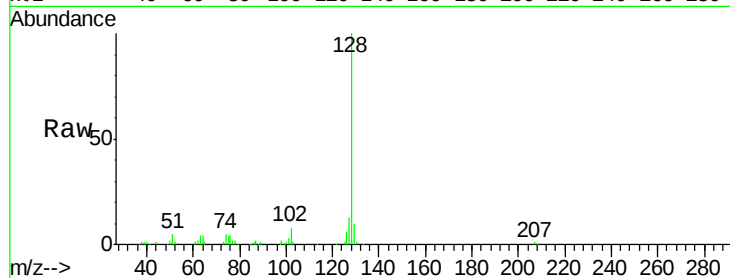




#95
Naphthalene
Concen: 23.847 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 119432
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 23.473 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067719.D
Acq: 20 Nov 2020 12:41

Tgt Ion:180 Resp: 65233
Ion Ratio Lower Upper
180 100
182 92.4 46.9 140.8
145 33.5 17.1 51.2

