

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067475.D
 Acq On : 30 Oct 2020 16:37
 Operator : VA/SY
 Sample : L4560-04MS
 Misc : 5.82G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

Quant Time: Oct 31 07:27:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	255700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	397502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	371042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	183980	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	133822	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
35) Dibromofluoromethane	7.92	113	142075	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
50) Toluene-d8	10.34	98	493383	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.64	95	172535	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	88555	42.488	ug/l	96
3) Chloromethane	2.21	50	68851	42.785	ug/l	99
4) Vinyl Chloride	2.35	62	79275	44.898	ug/l	96
5) Bromomethane	2.77	94	67322	55.027	ug/l	96
6) Chloroethane	2.93	64	53762	48.891	ug/l	91
7) Trichlorofluoromethane	3.27	101	226920	51.037	ug/l	94
8) Diethyl Ether	3.71	74	54628	53.694	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	118576	50.197	ug/l	99
10) Methyl Iodide	4.30	142	132009	60.581	ug/l	99
11) Tert butyl alcohol	5.22	59	29643	216.449	ug/l #	87
12) 1,1-Dichloroethene	4.07	96	110770	52.489	ug/l	97
13) Acrolein	3.92	56	28013	188.776	ug/l	98
14) Allyl chloride	4.71	41	127167	52.620	ug/l	98
15) Acrylonitrile	5.42	53	97838	288.202	ug/l	97
16) Acetone	4.16	43	110549	308.133	ug/l	93
17) Carbon Disulfide	4.41	76	262022	43.553	ug/l	98
18) Methyl Acetate	4.72	43	52386	64.017	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	239314	57.031	ug/l	100
20) Methylene Chloride	4.97	84	150827	67.173	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	129750	53.427	ug/l	96
22) Diisopropyl ether	6.36	45	259317	58.738	ug/l	97
23) Vinyl Acetate	6.31	43	643194	256.082	ug/l	99
24) 1,1-Dichloroethane	6.27	63	208149	55.079	ug/l	98
25) 2-Butanone	7.21	43	115587	282.635	ug/l	93
26) 2,2-Dichloropropane	7.21	77	209822	53.866	ug/l	99
27) cis-1,2-Dichloroethene	7.22	96	151727	57.006	ug/l	100
28) Bromochloromethane	7.56	49	72592	56.316	ug/l	96
29) Tetrahydrofuran	7.57	42	62047	272.933	ug/l	91
30) Chloroform	7.71	83	263983	58.474	ug/l	97
31) Cyclohexane	7.99	56	136369	46.218	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	250455	56.543	ug/l	99
36) 1,1-Dichloropropene	8.11	75	174231	51.714	ug/l	98
37) Ethyl Acetate	7.30	43	52976	53.444	ug/l #	93
38) Carbon Tetrachloride	8.10	117	234210	54.391	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	173038	49.129	ug/l	99
40) Benzene	8.36	78	502428	54.359	ug/l	96
41) Methacrylonitrile	7.53	41	35430	66.143	ug/l #	78
42) 1,2-Dichloroethane	8.43	62	161969	55.996	ug/l	100
43) Isopropyl Acetate	8.46	43	103473	52.607	ug/l	99
44) Trichloroethene	9.12	130	160506	54.238	ug/l	95
45) 1,2-Dichloropropane	9.39	63	117638	54.918	ug/l	98
46) Dibromomethane	9.48	93	70789	53.040	ug/l	98
47) Bromodichloromethane	9.67	83	204480	57.185	ug/l	94
48) Methyl methacrylate	9.46	41	55402	57.961	ug/l	92
49) 1,4-Dioxane	9.47	88	14471	1124.203	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	263311	268.404	ug/l	99
52) Toluene	10.41	92	345773	54.926	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	174734	55.628	ug/l	97
54) cis-1,3-Dichloropropene	10.10	75	205051	55.780	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	103432	56.833	ug/l	95
56) Ethyl methacrylate	10.67	69	104341	55.281	ug/l	98
57) 1,3-Dichloropropane	10.95	76	162855	56.229	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	267719	276.491	ug/l	99
59) 2-Hexanone	10.99	43	185167	276.218	ug/l	97
60) Dibromochloromethane	11.14	129	147468	55.562	ug/l	100
61) 1,2-Dibromoethane	11.25	107	98362	54.822	ug/l	99
64) Tetrachloroethene	10.88	164	146559	54.517	ug/l	95
65) Chlorobenzene	11.67	112	390805	54.926	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	161928	57.261	ug/l	99
67) Ethyl Benzene	11.75	91	668771	54.832	ug/l	100
68) m/p-Xylenes	11.86	106	518657	110.429	ug/l	98
69) o-Xylene	12.18	106	242035	55.650	ug/l	95
70) Styrene	12.20	104	419383	56.015	ug/l	99
71) Bromoform	12.37	173	82116	54.052	ug/l #	99
73) Isopropylbenzene	12.48	105	671004	57.466	ug/l	99
74) N-amyl acetate	12.29	43	87257	49.478	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	94911	53.049	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	130416	102.275	ug/l #	100
77) Bromobenzene	12.77	156	165576	56.878	ug/l	99
78) n-propylbenzene	12.83	91	745434	55.100	ug/l	99
79) 2-Chlorotoluene	12.91	91	439961	56.077	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	573777	56.547	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	31136	55.371	ug/l	95
82) 4-Chlorotoluene	13.01	91	464950	55.837	ug/l	99
83) tert-Butylbenzene	13.23	119	497919	58.092	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	572861	57.121	ug/l	98
85) sec-Butylbenzene	13.41	105	650620	55.320	ug/l	100
86) p-Isopropyltoluene	13.52	119	617483	55.625	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	306935	54.779	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	307011	55.304	ug/l	99
89) n-Butylbenzene	13.85	91	522604	53.513	ug/l	100
90) Hexachloroethane	14.11	117	106222	54.834	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	271589	55.484	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18718	57.588	ug/l	97

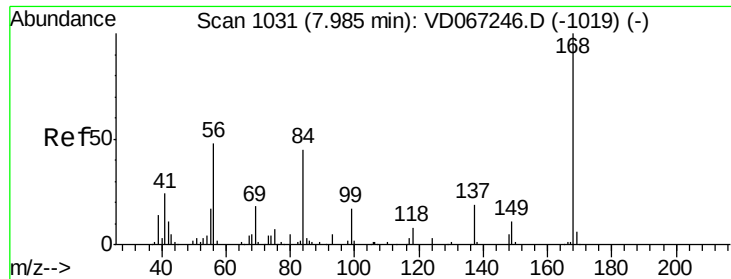
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	183882	55.718	ug/l	97
94) Hexachlorobutadiene	15.27	225	108254	52.822	ug/l	98
95) Naphthalene	15.41	128	311101	57.415	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	158956	55.752	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

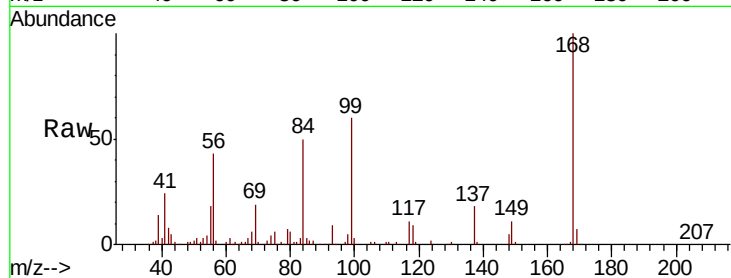
B308-B309-LOC2-SO-0003MS

Tot Ion:168 Resp: 255700

Ion Ratio Lower Upper

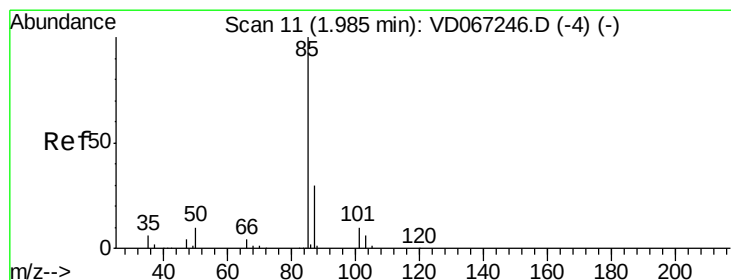
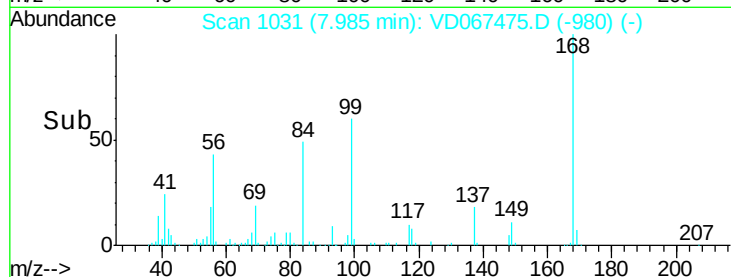
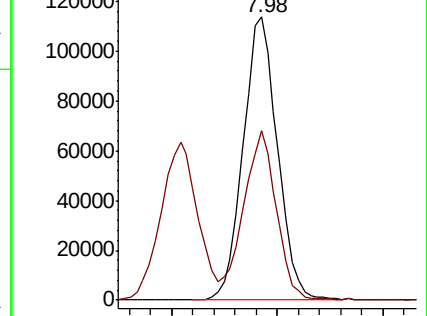
168 100

99 59.3 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 42.488 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067475.D

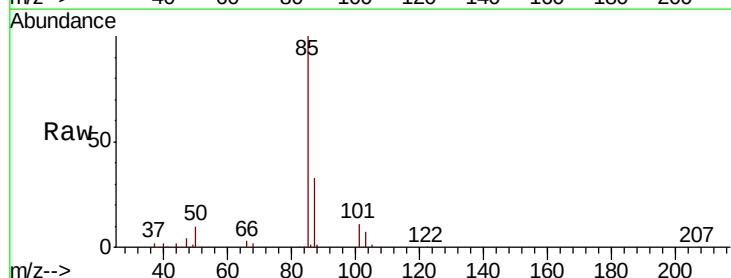
Acq: 30 Oct 2020 16:37

Tgt Ion: 85 Resp: 88555

Ion Ratio Lower Upper

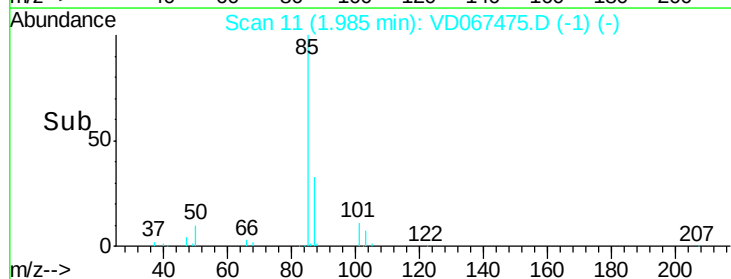
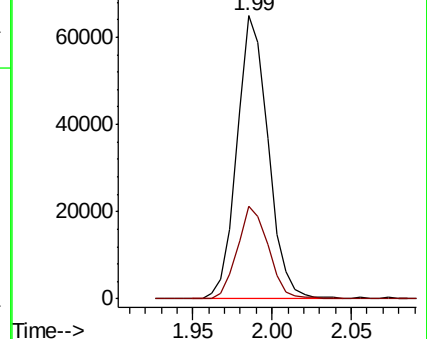
85 100

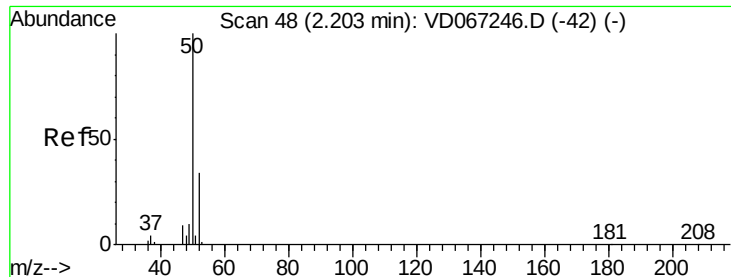
87 32.8 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 42.785 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

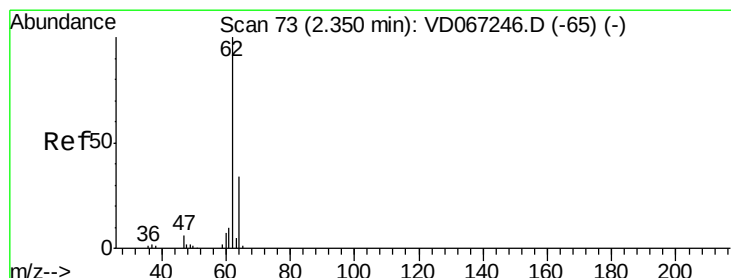
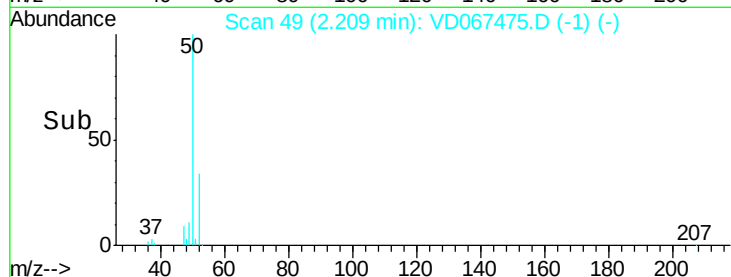
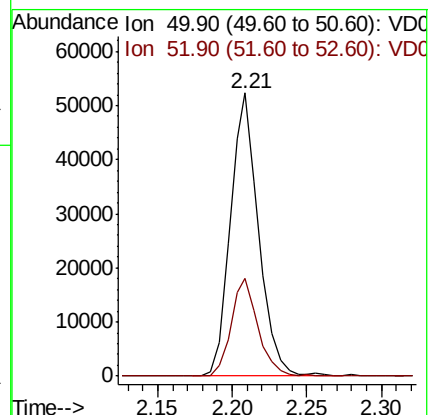
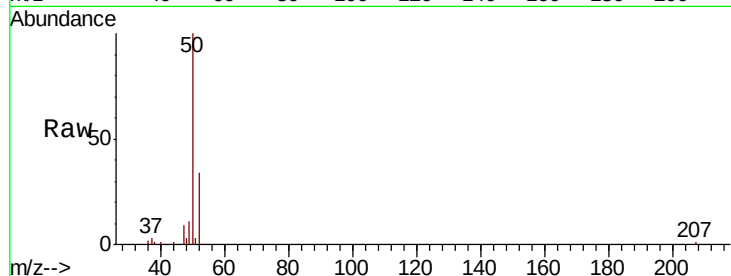
B308-B309-LOC2-SO-0003MS

Tot Ion: 50 Resp: 68851

Ion Ratio Lower Upper

50 100

52 34.4 27.1 40.7



#4

Vinyl Chloride

Concen: 44.898 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067475.D

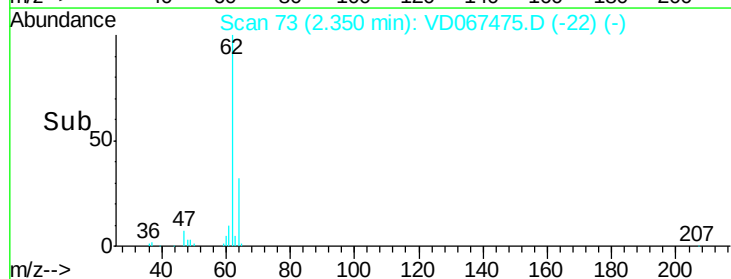
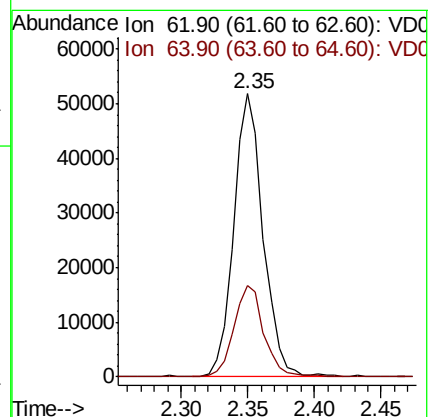
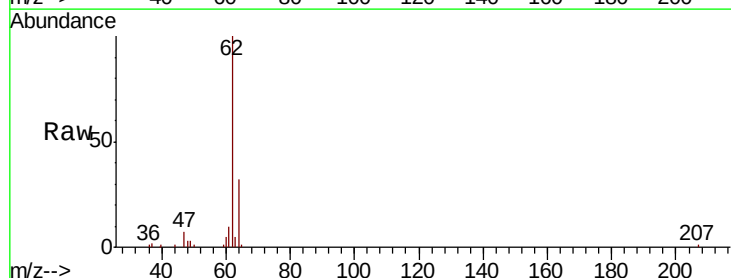
Acq: 30 Oct 2020 16:37

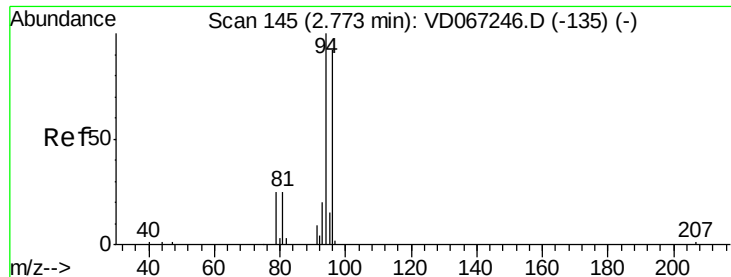
Tgt Ion: 62 Resp: 79275

Ion Ratio Lower Upper

62 100

64 32.1 27.4 41.0





#5

Bromomethane

Concen: 55.027 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

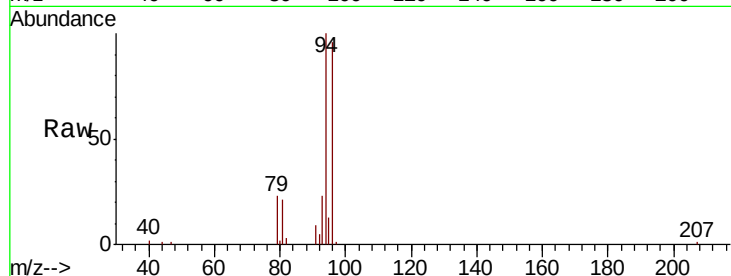
B308-B309-LOC2-SO-0003MS

Tot Ion: 94 Resp: 67322

Ion Ratio Lower Upper

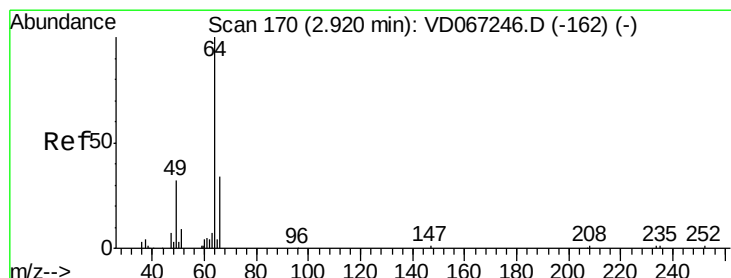
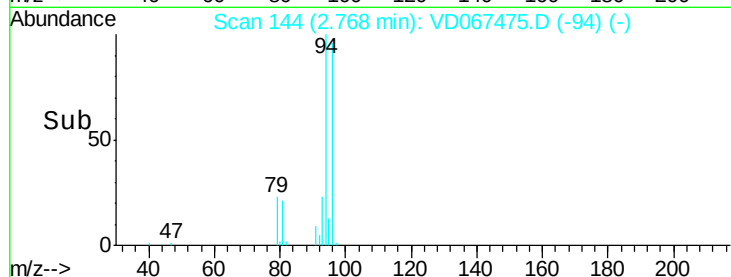
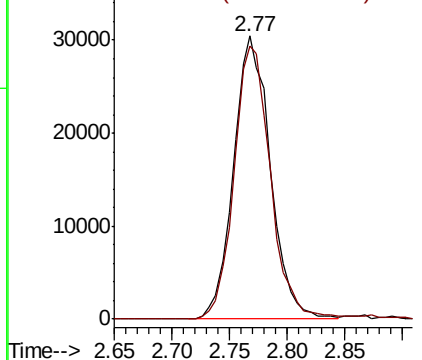
94 100

96 96.3 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.891 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067475.D

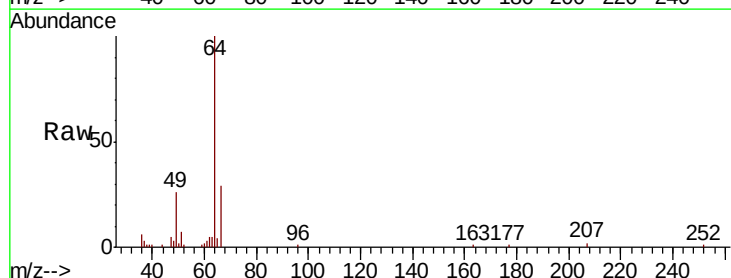
Acq: 30 Oct 2020 16:37

Tgt Ion: 64 Resp: 53762

Ion Ratio Lower Upper

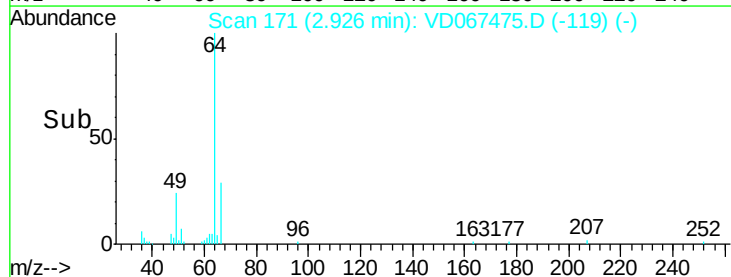
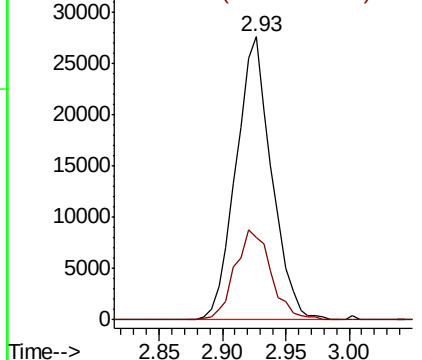
64 100

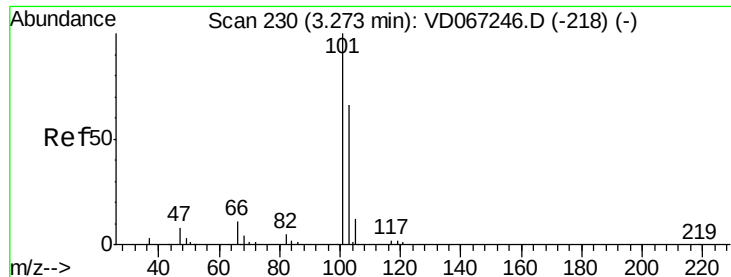
66 29.0 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



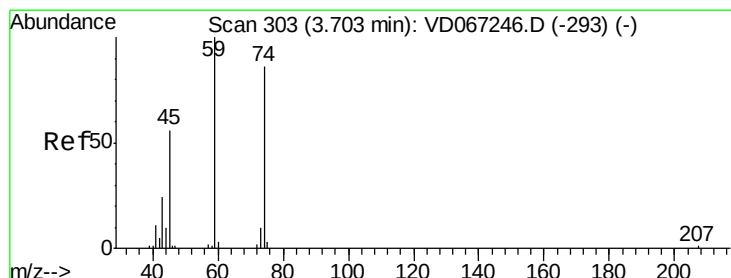
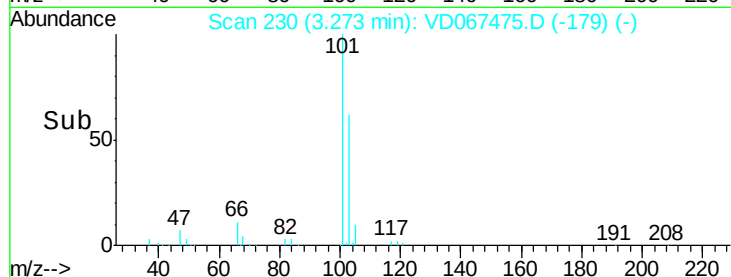
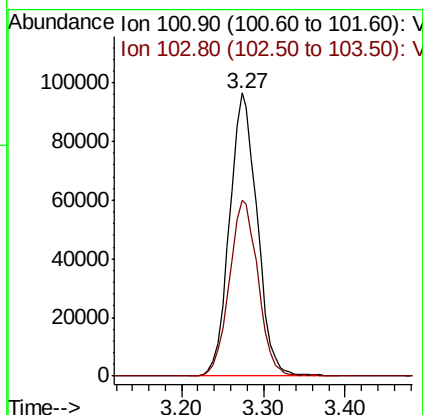
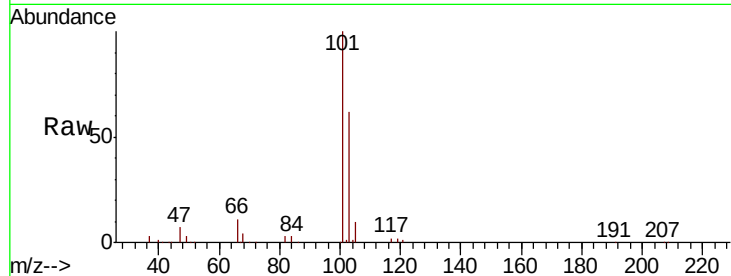


#7

Trichlorofluoromethane
 Concen: 51.037 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Instrument :
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 B308-B309-LOC2-SO-0003MS

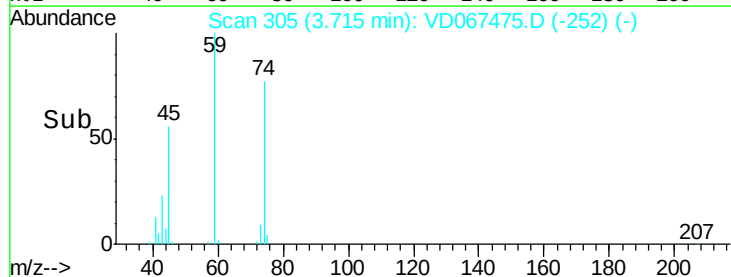
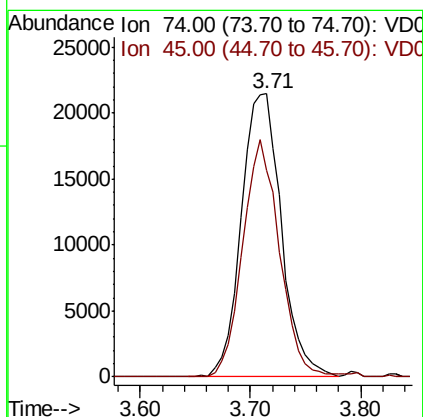
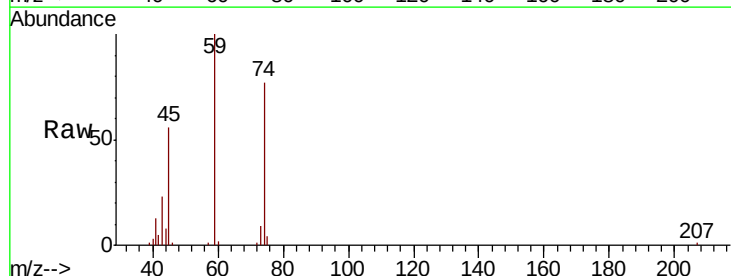
Tot Ion:101 Resp: 226920
 Ion Ratio Lower Upper
 101 100
 103 62.0 53.1 79.7

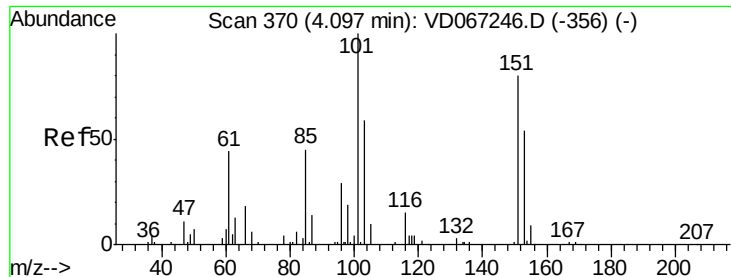


#8

Diethyl Ether
 Concen: 53.694 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion: 74 Resp: 54628
 Ion Ratio Lower Upper
 74 100
 45 77.0 37.0 111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.197 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

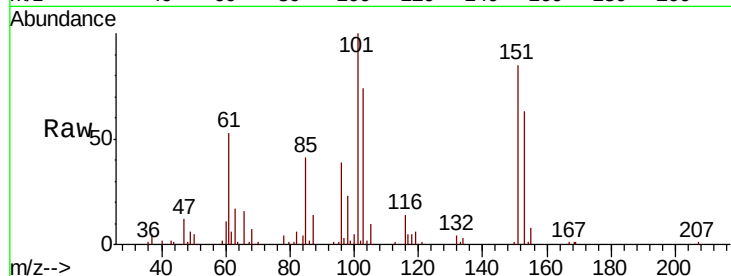
Tot Ion:101 Resp: 118576

Ion Ratio Lower Upper

101 100

85 43.7 34.2 51.4

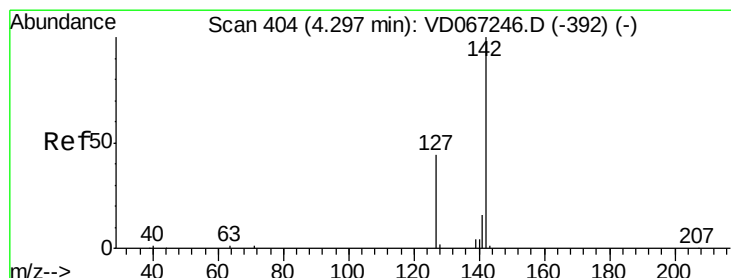
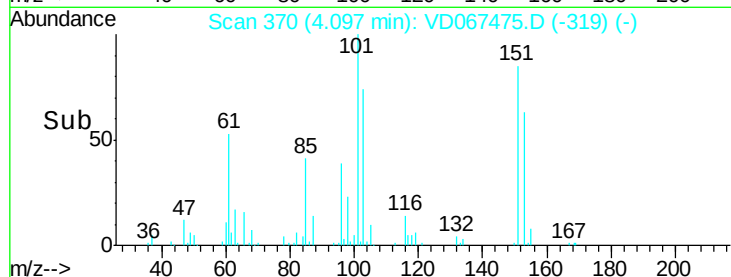
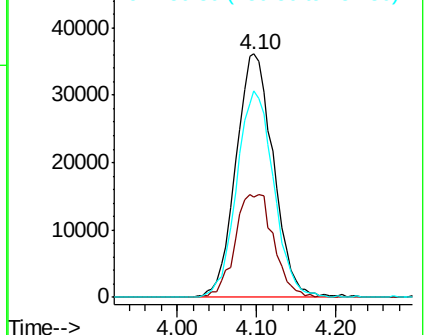
151 83.6 66.3 99.5



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: 60.581 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

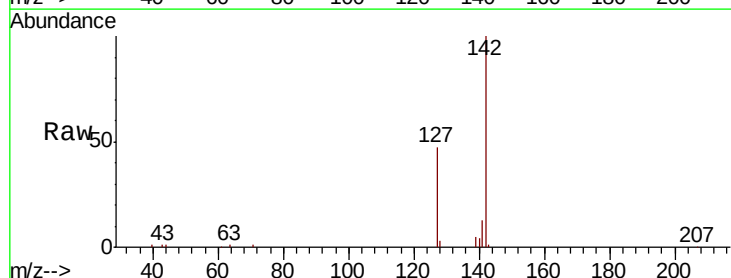
Tgt Ion:142 Resp: 132009

Ion Ratio Lower Upper

142 100

127 47.5 38.4 57.6

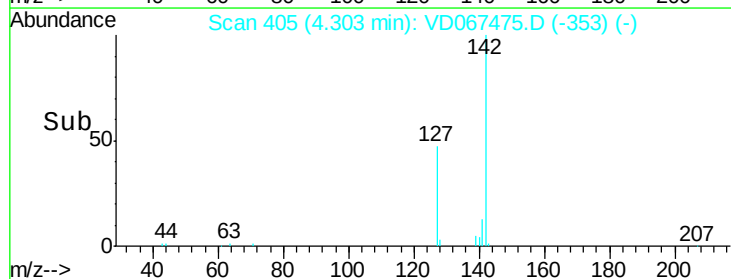
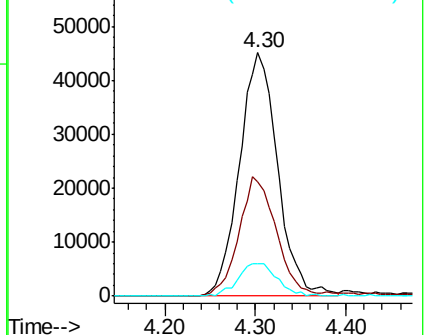
141 13.7 11.6 17.4

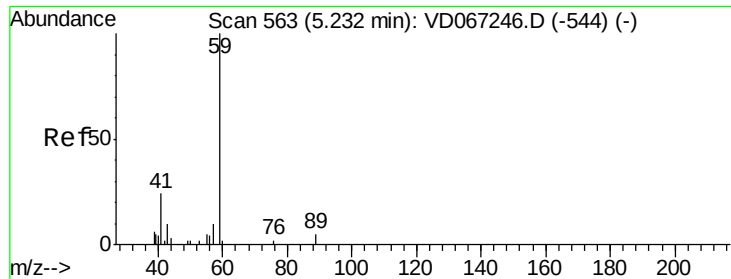


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



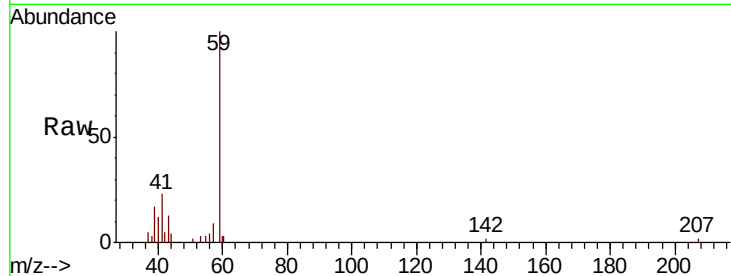


#11

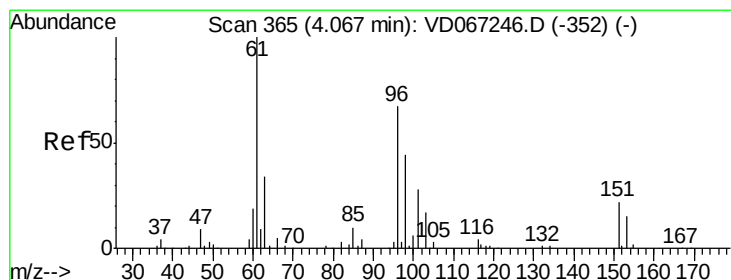
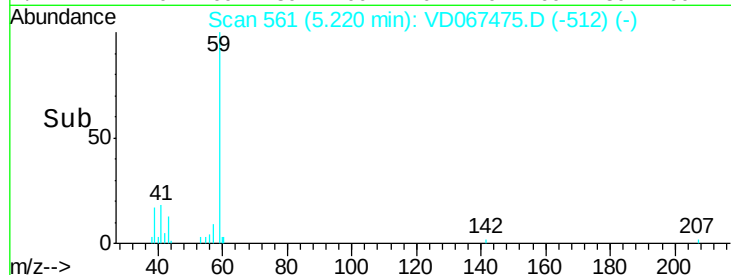
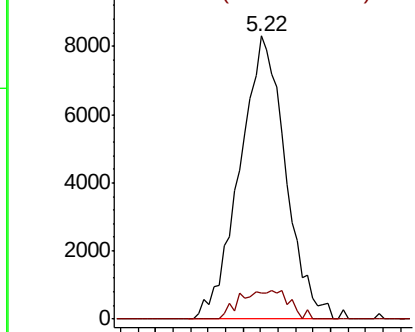
Tert butyl alcohol
 Concen: 216.449 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

Tot Ion: 59 Resp: 29643
 Ion Ratio Lower Upper
 59 100
 57 10.9 5.1 7.7#



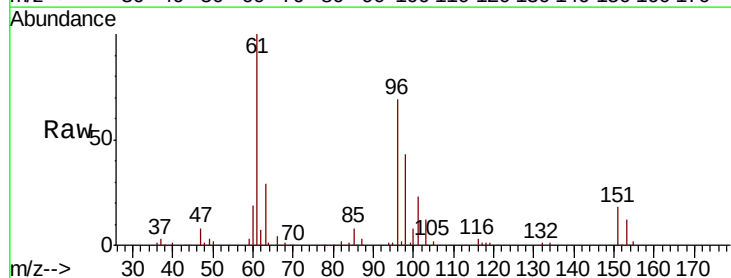
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



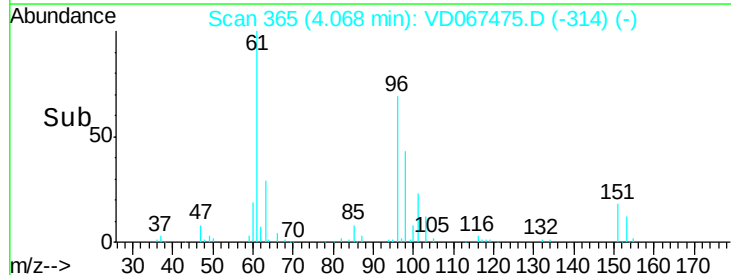
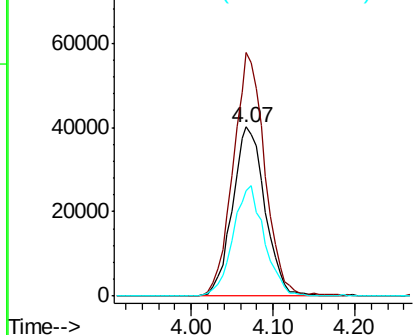
#12

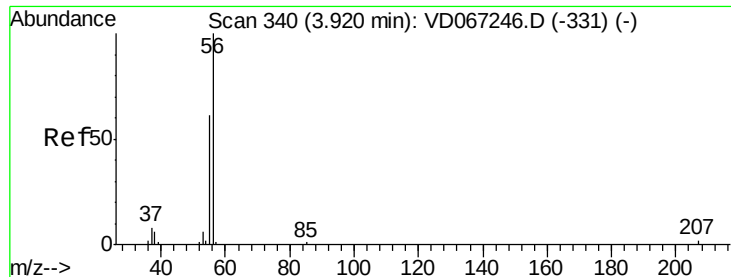
1,1-Dichloroethene
 Concen: 52.489 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion: 96 Resp: 110770
 Ion Ratio Lower Upper
 96 100
 61 144.1 118.6 177.8
 98 62.5 51.8 77.6



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

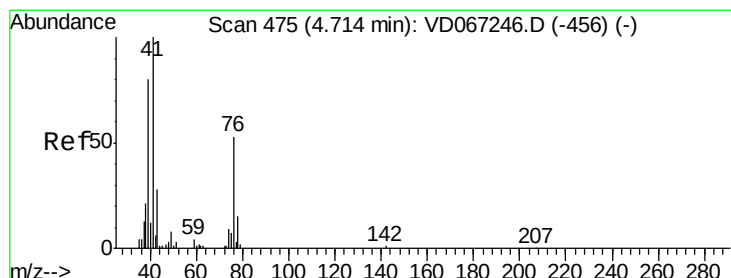
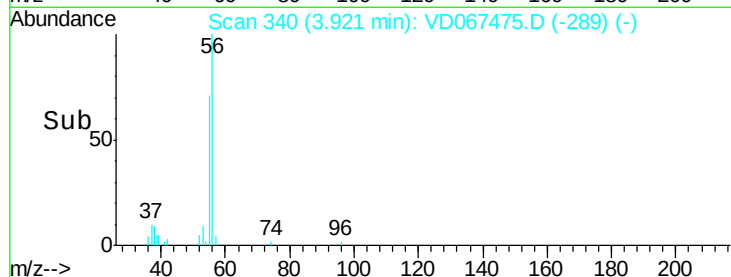
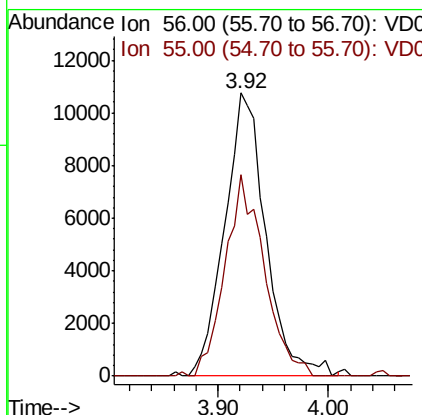
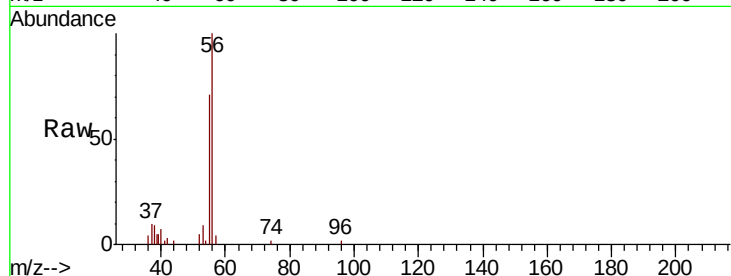




#13
Acrolein
Concen: 188.776 ug/l
RT: 3.92 min Scan# 340
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

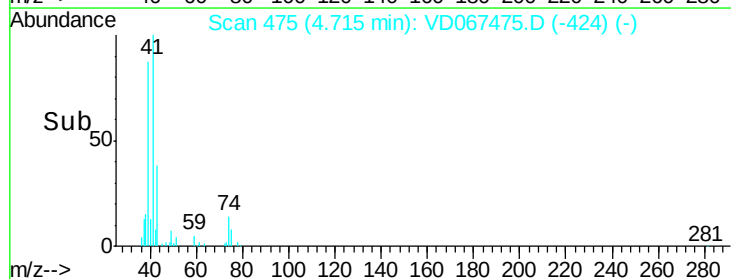
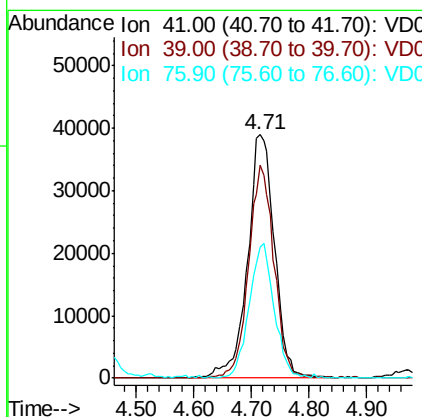
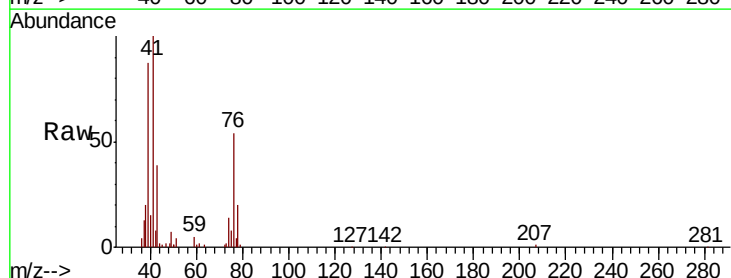
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

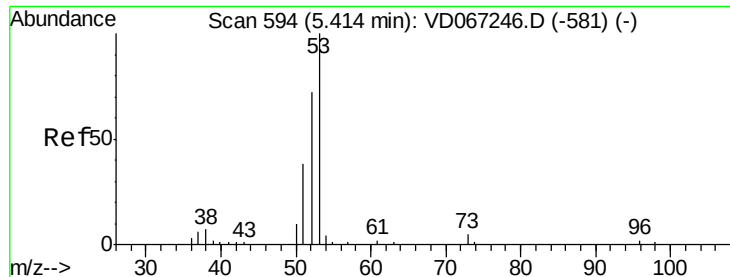
Tot Ion: 56 Resp: 28013
Ion Ratio Lower Upper
56 100
55 68.0 56.0 84.0



#14
Allyl chloride
Concen: 52.620 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion: 41 Resp: 127167
Ion Ratio Lower Upper
41 100
39 82.2 63.8 95.6
76 51.1 40.4 60.6





#15

Acrylonitrile

Concen: 288.202 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

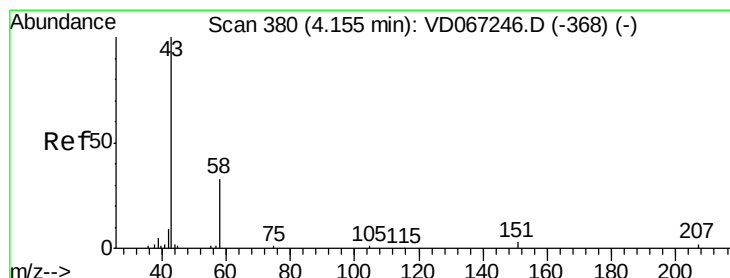
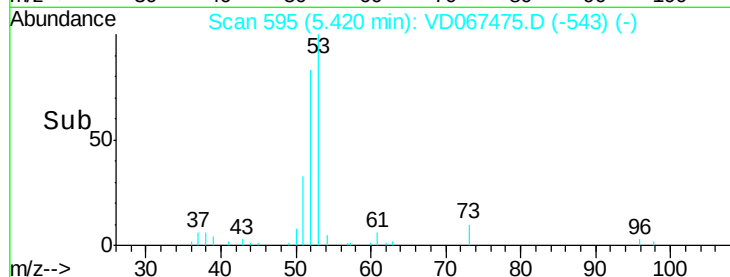
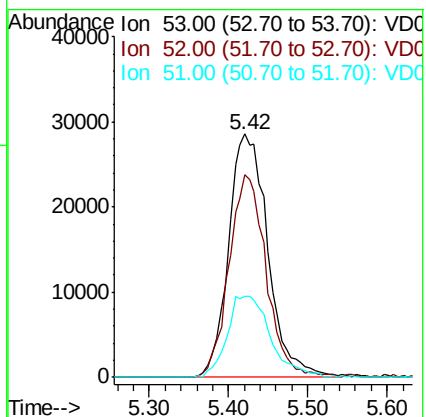
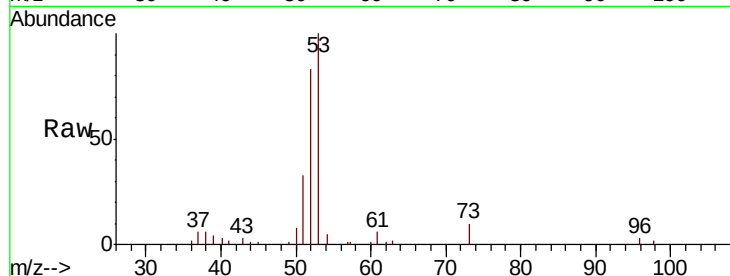
Tot Ion: 53 Resp: 97838

Ion Ratio Lower Upper

53 100

52 79.0 65.6 98.4

51 36.8 30.8 46.2



#16

Acetone

Concen: 308.133 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067475.D

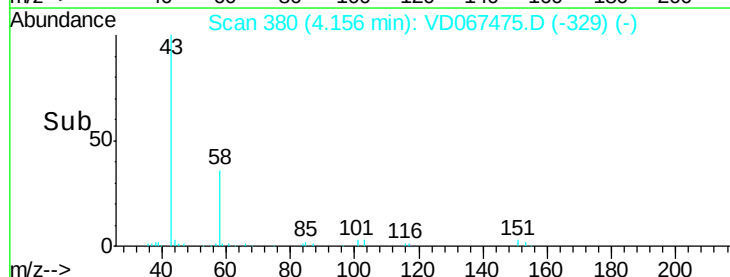
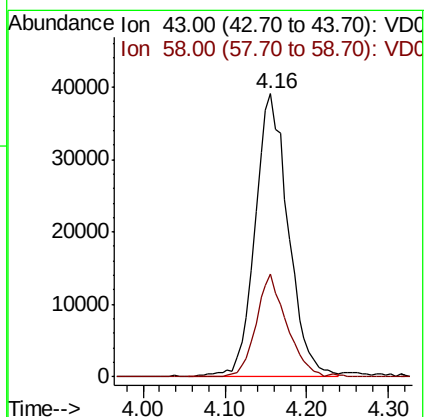
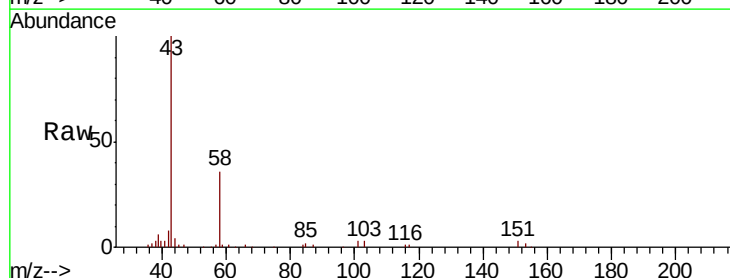
Acq: 30 Oct 2020 16:37

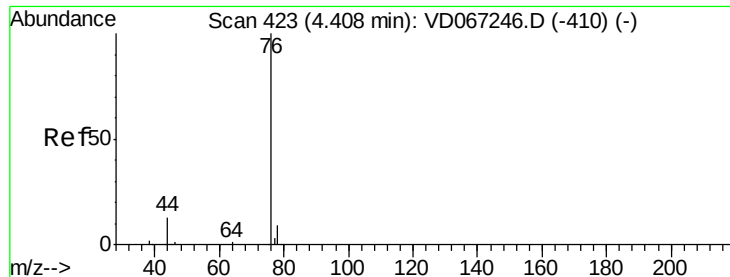
Tgt Ion: 43 Resp: 110549

Ion Ratio Lower Upper

43 100

58 36.3 26.1 39.1





#17

Carbon Disulfide

Concen: 43.553 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

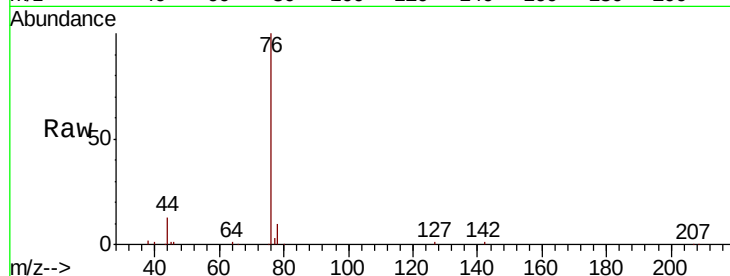
B308-B309-LOC2-SO-0003MS

Tot Ion: 76 Resp: 262022

Ion Ratio Lower Upper

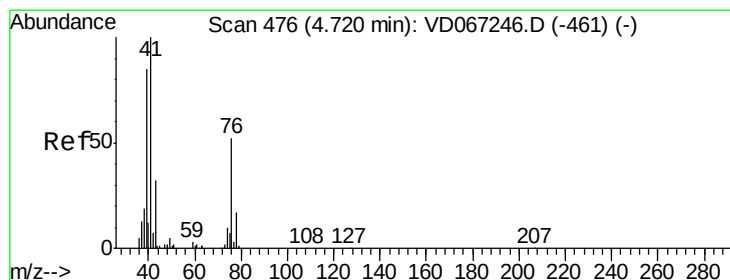
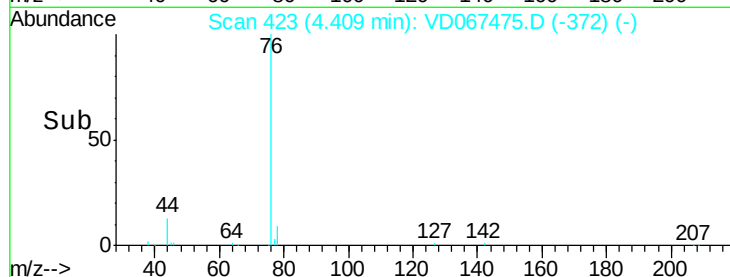
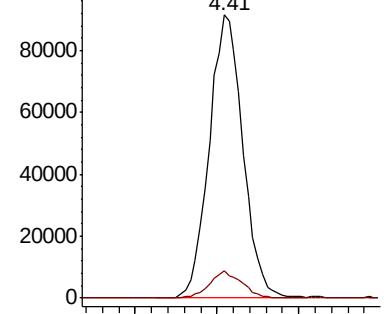
76 100

78 9.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 64.017 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD067475.D

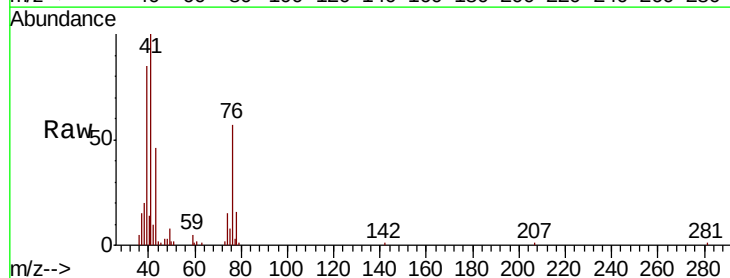
Acq: 30 Oct 2020 16:37

Tgt Ion: 43 Resp: 52386

Ion Ratio Lower Upper

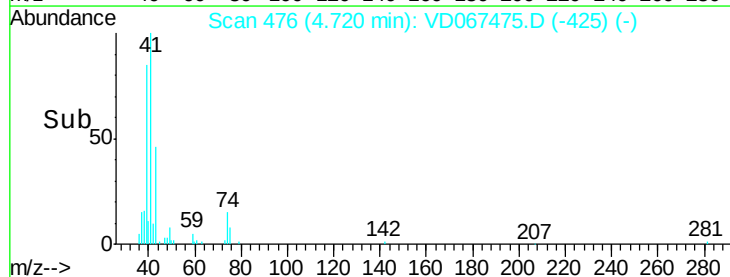
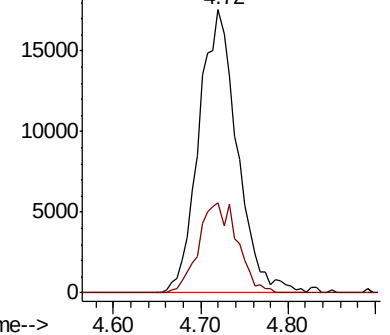
43 100

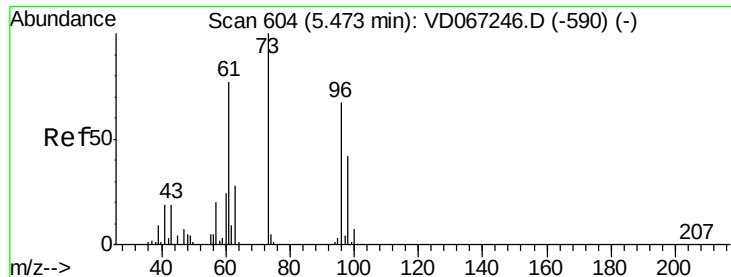
74 32.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

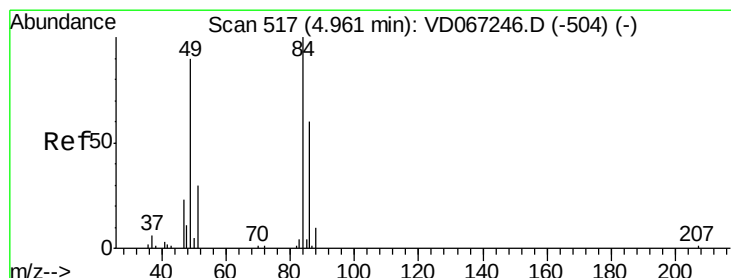
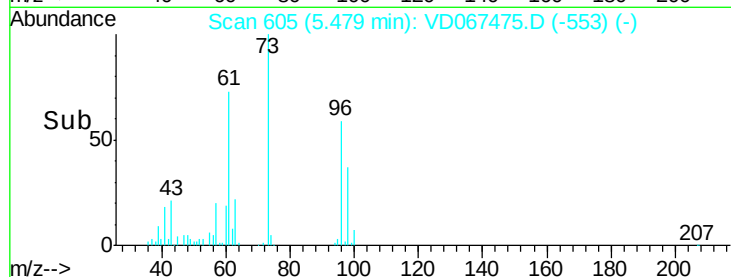
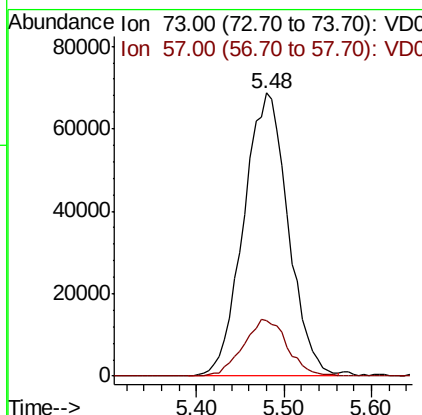
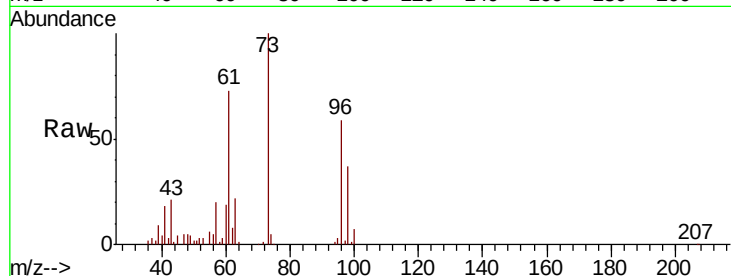




#19
Methyl tert-butyl Ether
Concen: 57.031 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

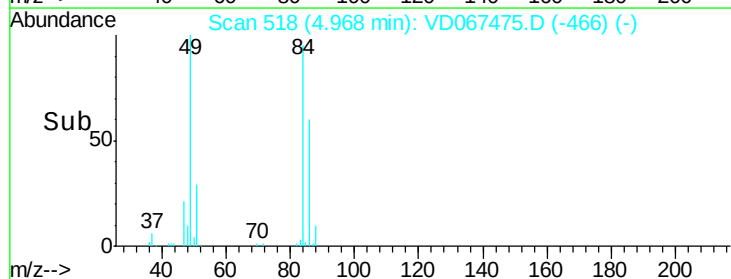
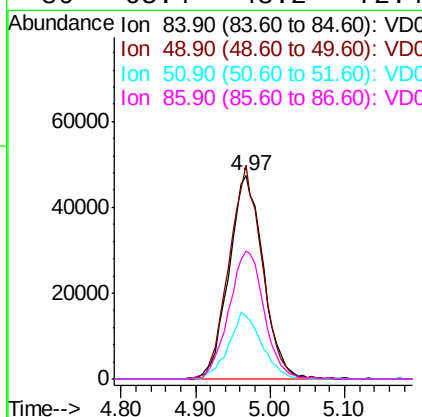
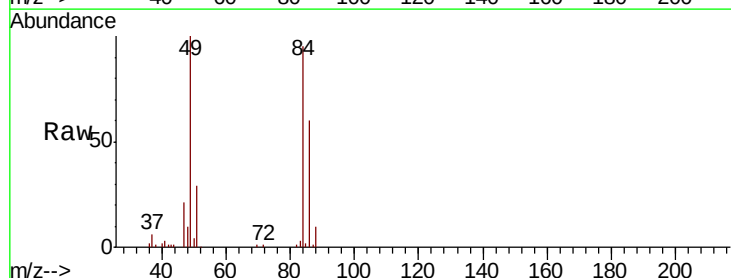
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

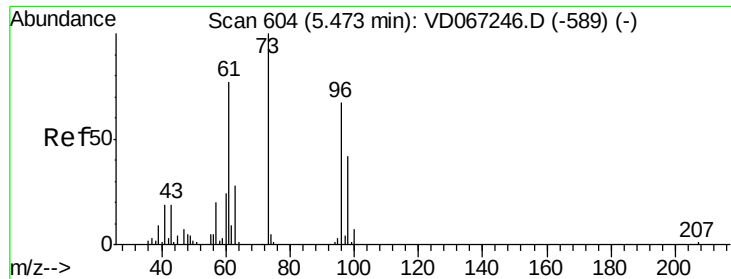
Tot Ion: 73 Resp: 239314
Ion Ratio Lower Upper
73 100
57 19.5 15.7 23.5



#20
Methylene Chloride
Concen: 67.173 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion: 84 Resp: 150827
Ion Ratio Lower Upper
84 100
49 105.3 72.2 108.2
51 30.7 23.8 35.8
86 63.4 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 53.427 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

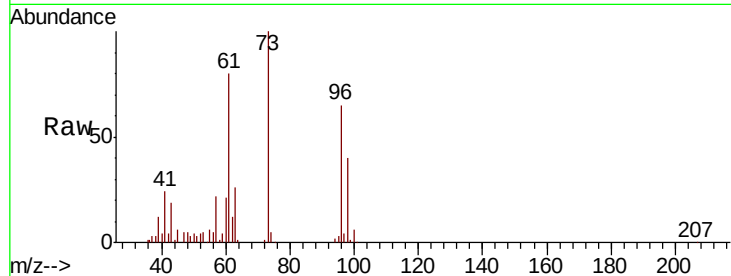
Tot Ion: 96 Resp: 129750

Ion Ratio Lower Upper

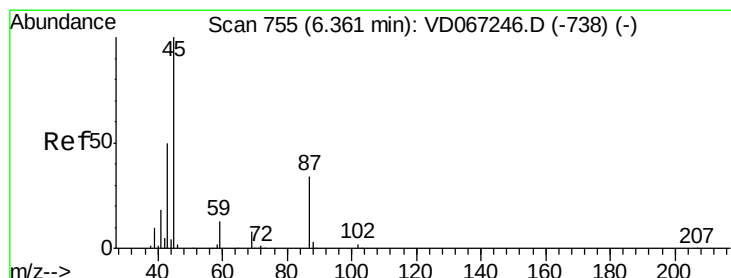
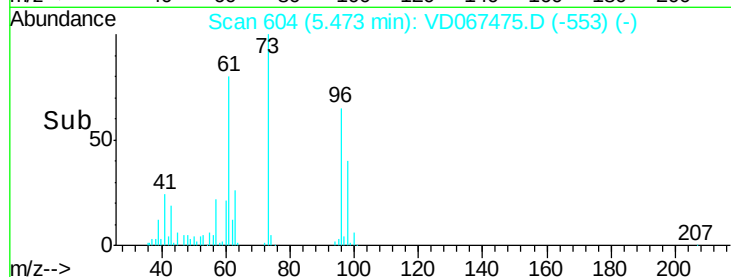
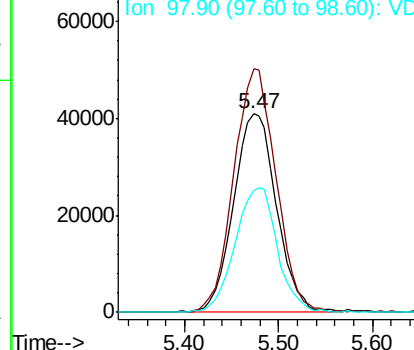
96 100

61 122.0 92.0 138.0

98 61.8 49.8 74.8



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



#22

Diisopropyl ether

Concen: 58.738 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Tgt Ion: 45 Resp: 259317

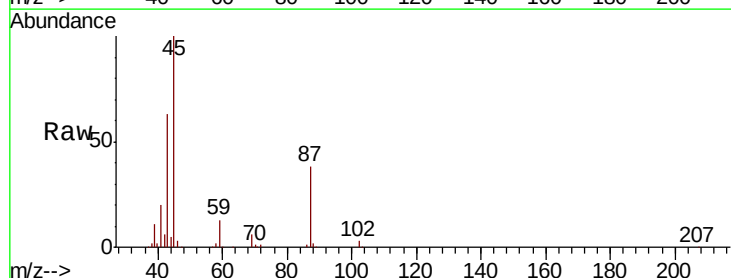
Ion Ratio Lower Upper

45 100

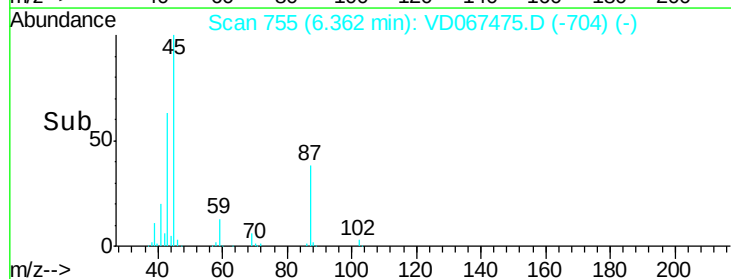
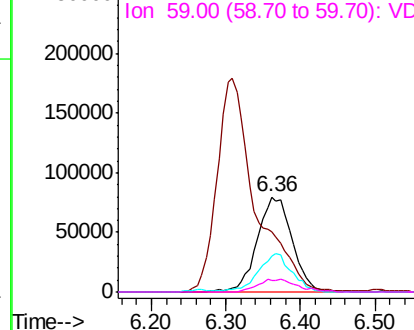
43 61.6 48.0 72.0

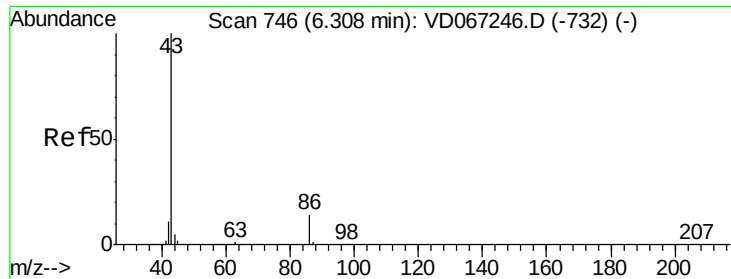
87 37.6 28.5 42.7

59 12.2 10.5 15.7



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 256.082 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

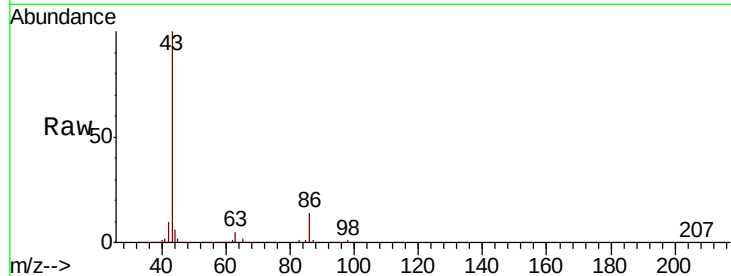
B308-B309-LOC2-SO-0003MS

Tot Ion: 43 Resp: 643194

Ion Ratio Lower Upper

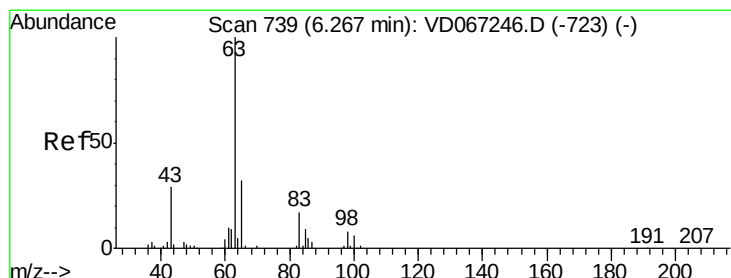
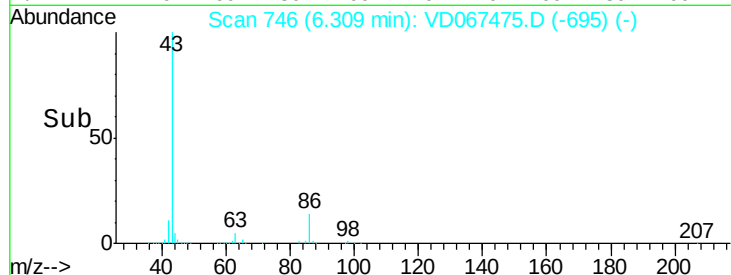
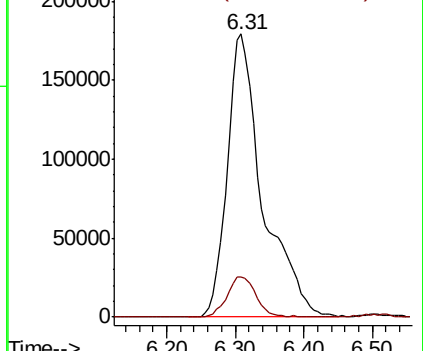
43 100

86 14.1 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 55.079 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

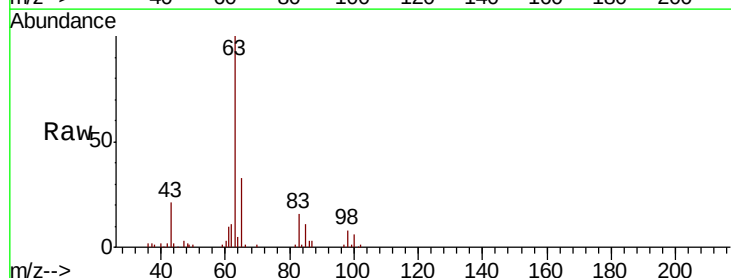
Tgt Ion: 63 Resp: 208149

Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.2

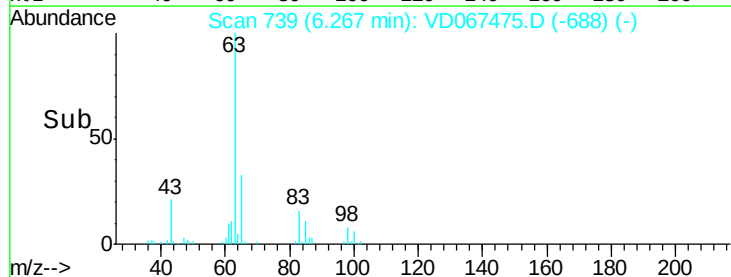
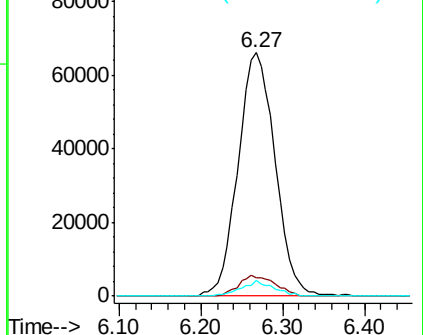
100 6.4 2.8 8.4

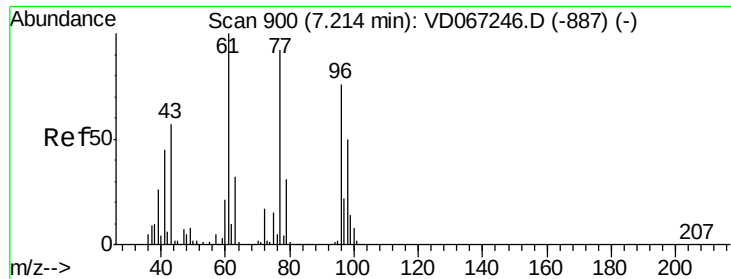


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 282.635 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

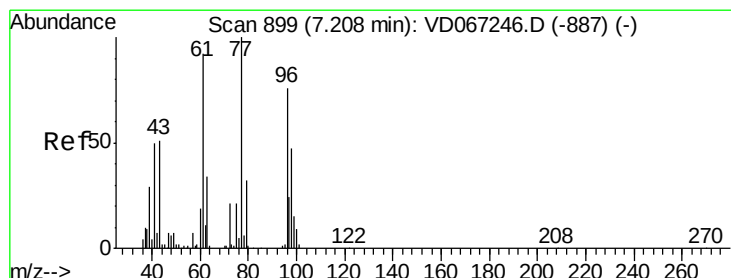
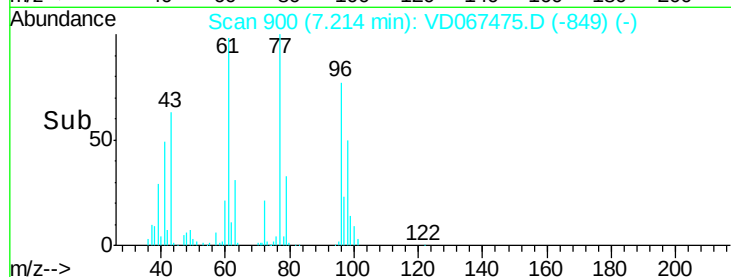
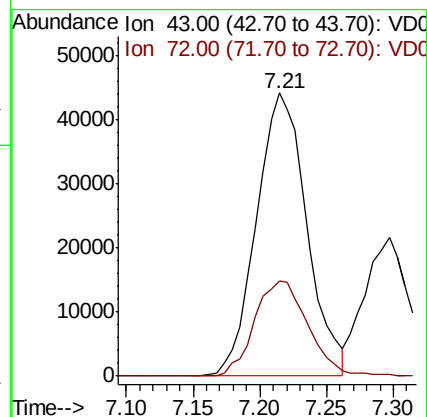
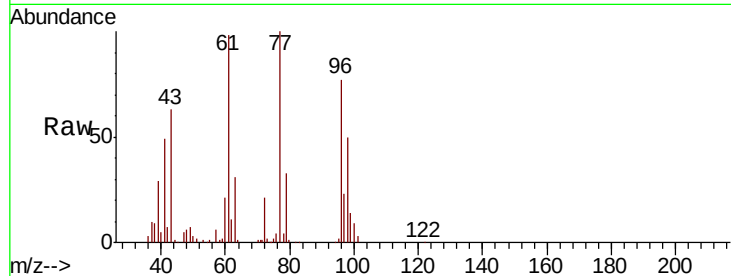
B308-B309-LOC2-SO-0003MS

Tot Ion: 43 Resp: 115587

Ion Ratio Lower Upper

43 100

72 33.6 23.7 35.5



#26

2,2-Dichloropropane

Concen: 53.866 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067475.D

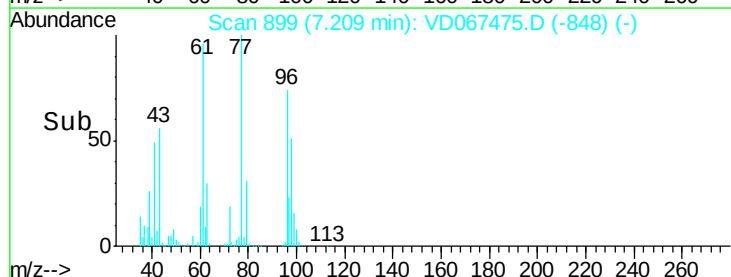
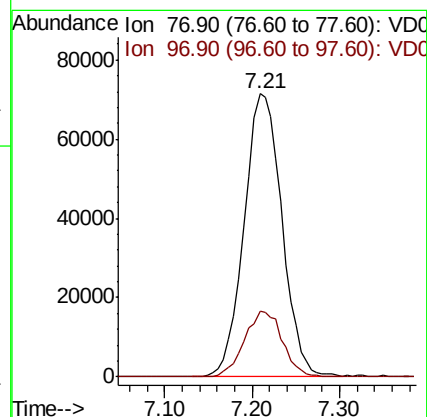
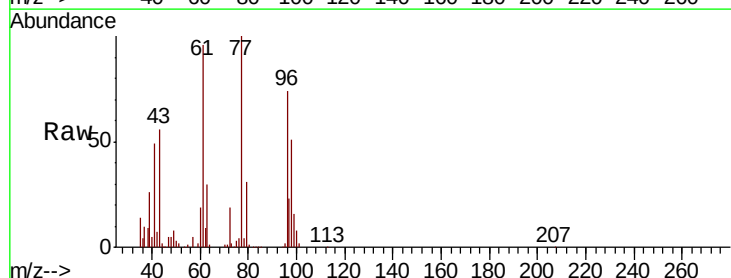
Acq: 30 Oct 2020 16:37

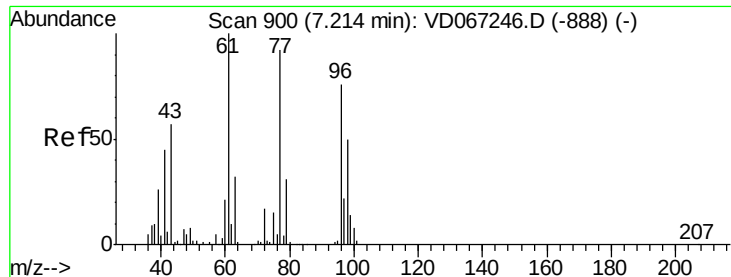
Tgt Ion: 77 Resp: 209822

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.2



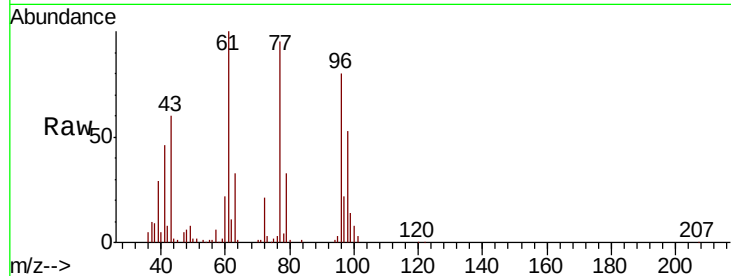


#27

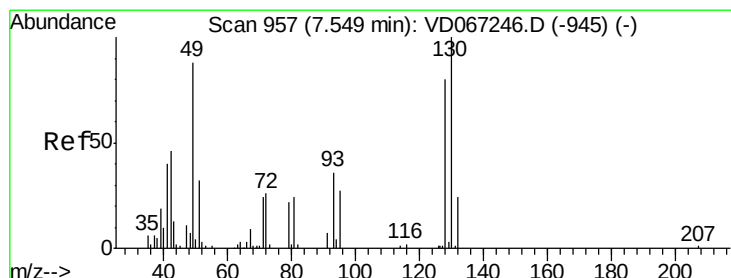
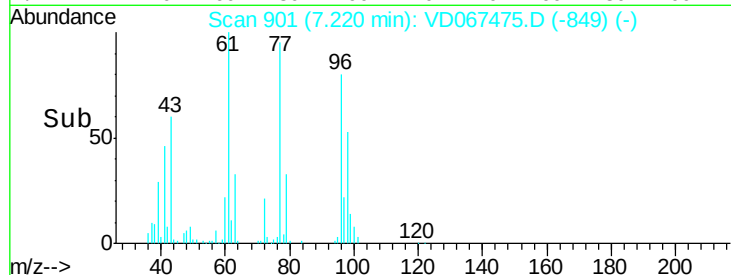
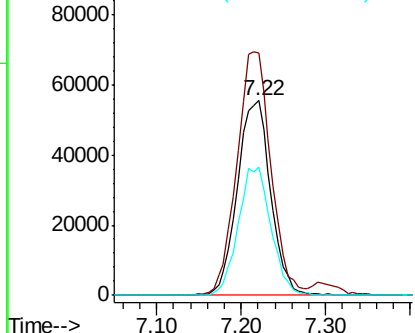
cis-1,2-Dichloroethene
 Concen: 57.006 ug/l
 RT: 7.22 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	255.4
98	64.9	0.0	128.0



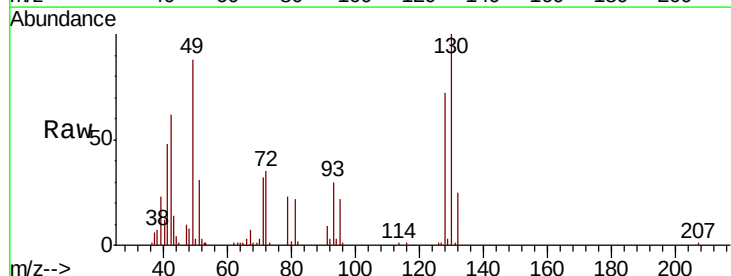
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



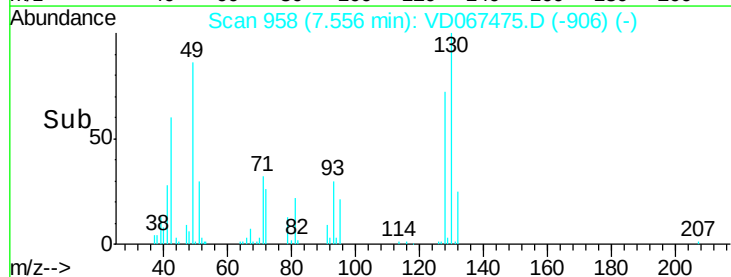
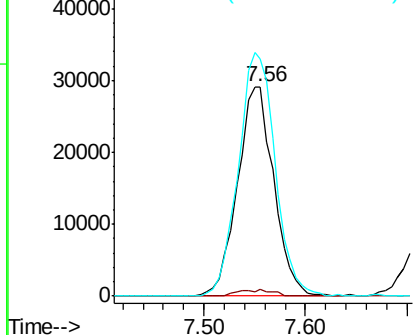
#28

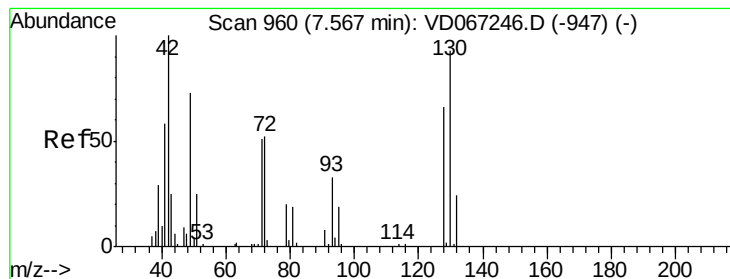
Bromochloromethane
 Concen: 56.316 ug/l
 RT: 7.56 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	1.6
130	117.6	91.0	136.6



Abundance Ion 48.90 (48.60 to 49.60): VDC
 Ion 128.80 (128.50 to 129.50): VDC
 Ion 129.80 (129.50 to 130.50): VDC





#29

Tetrahydrofuran

Concen: 272.933 ug/l

RT: 7.57 min Scan# 961

Delta R.T. 0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

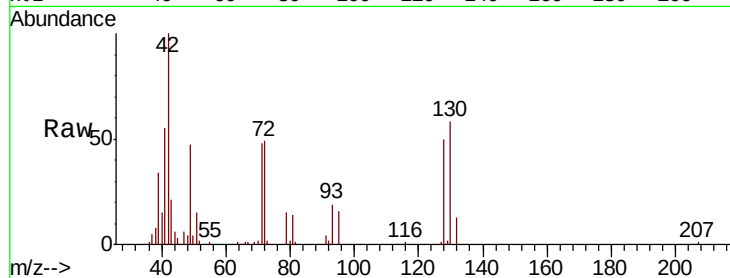
Tot Ion: 42 Resp: 62047

Ion Ratio Lower Upper

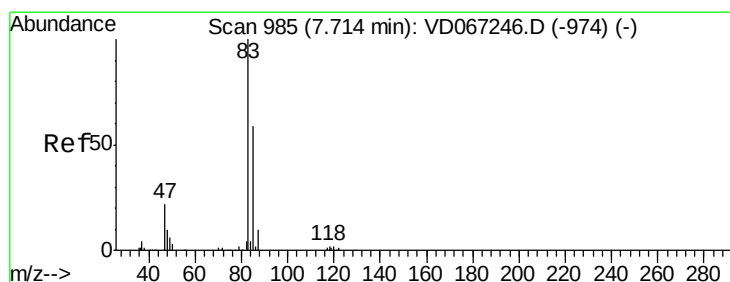
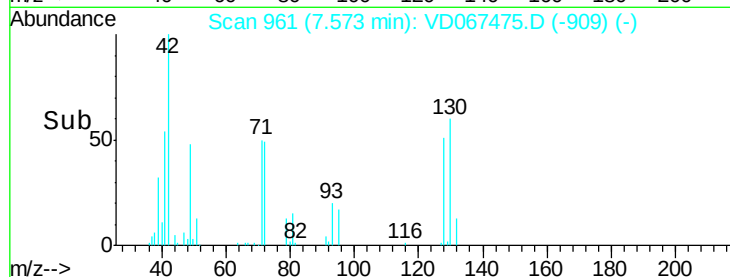
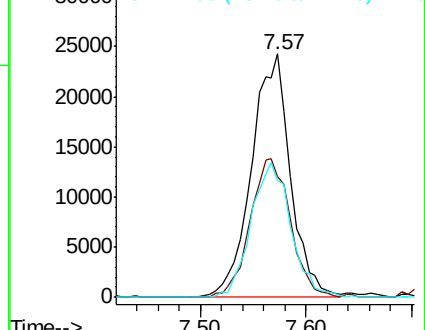
42 100

72 59.0 43.2 64.8

71 56.8 39.4 59.0



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



#30

Chloroform

Concen: 58.474 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067475.D

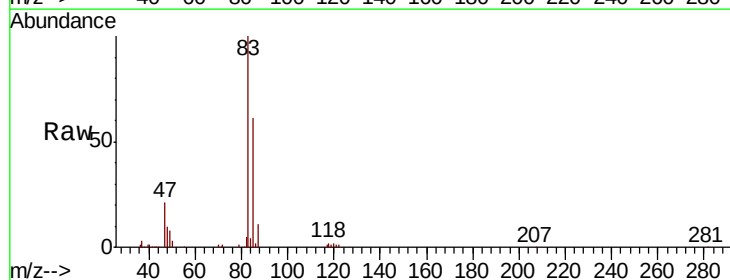
Acq: 30 Oct 2020 16:37

Tgt Ion: 83 Resp: 263983

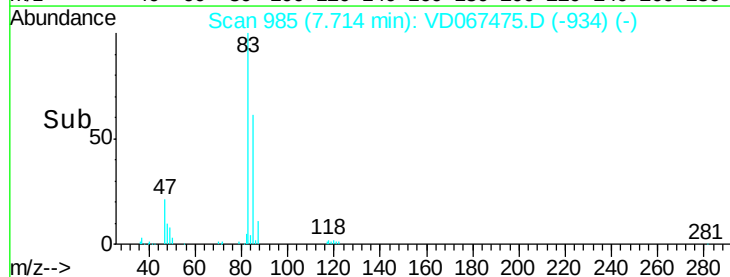
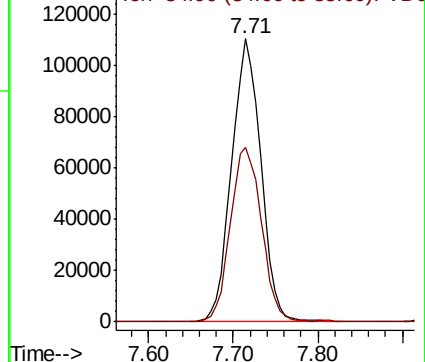
Ion Ratio Lower Upper

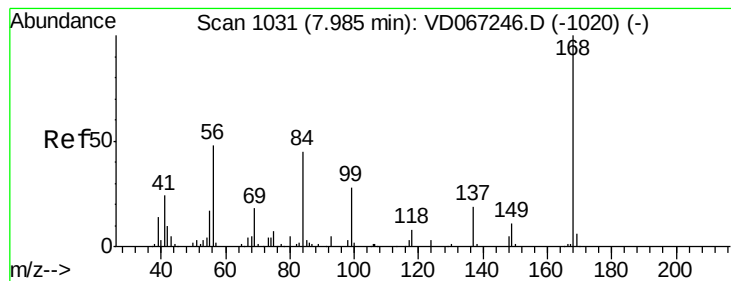
83 100

85 61.5 47.3 70.9



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





#31

Cyclohexane

Concen: 46.218 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

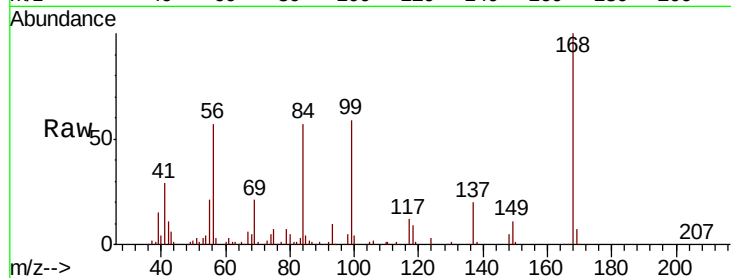
Tot Ion: 56 Resp: 136369

Ion Ratio Lower Upper

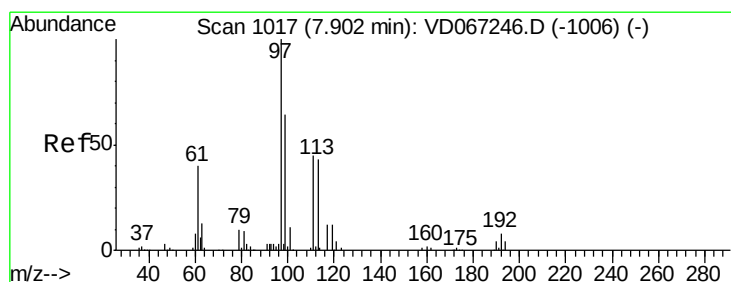
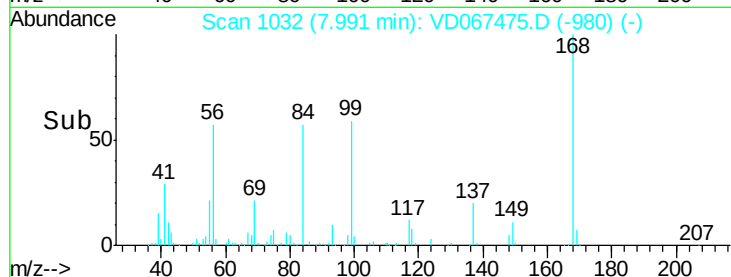
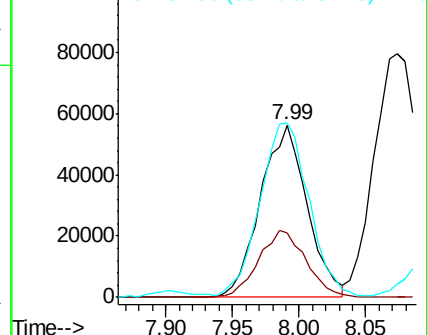
56 100

69 37.7 29.8 44.6

84 99.6 76.6 114.8



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: 56.543 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

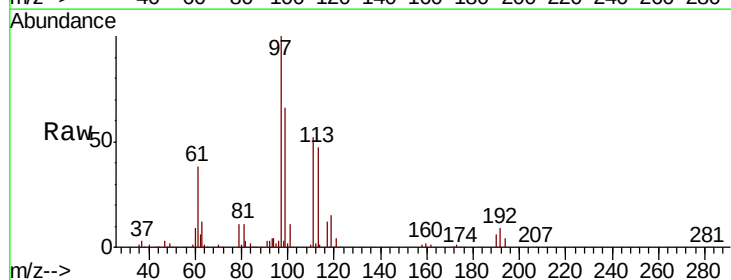
Tgt Ion: 97 Resp: 250455

Ion Ratio Lower Upper

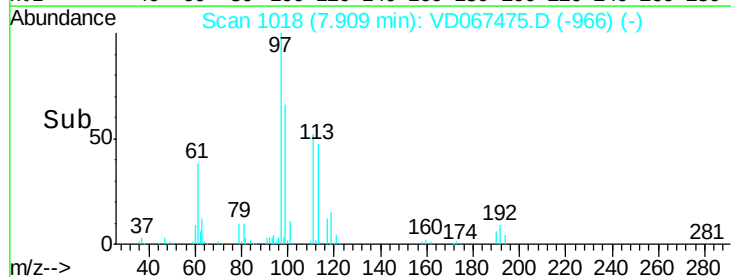
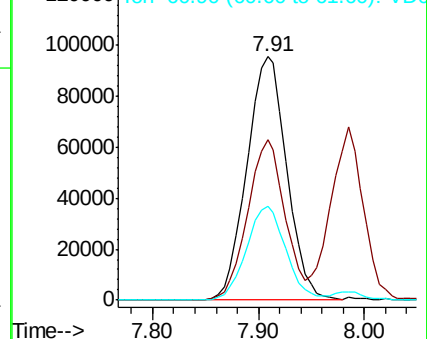
97 100

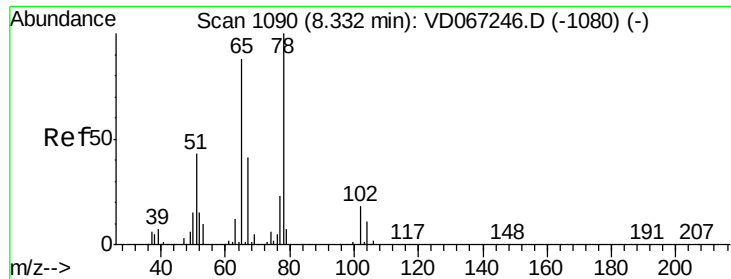
99 61.6 50.2 75.4

61 37.9 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

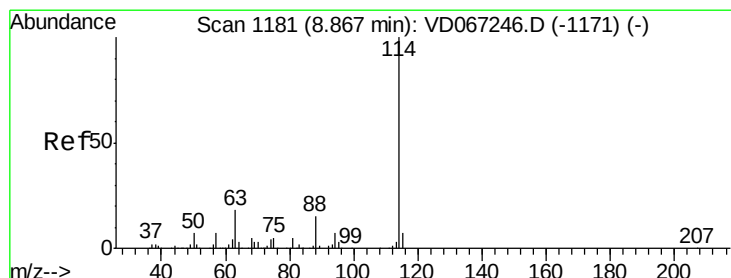
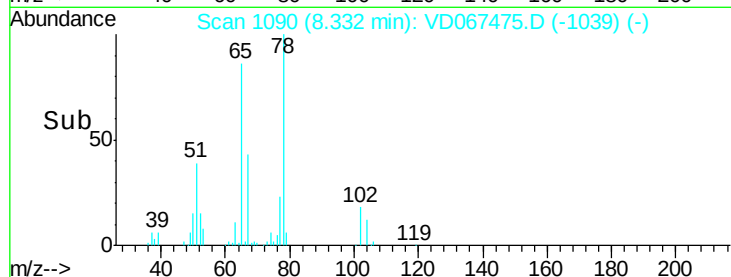
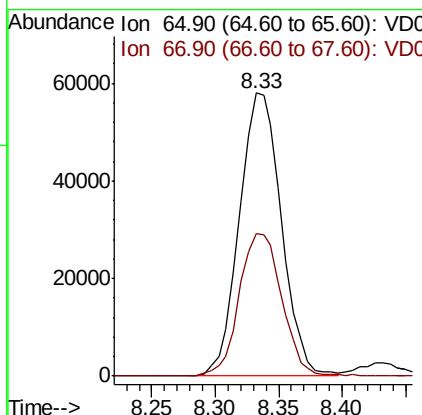
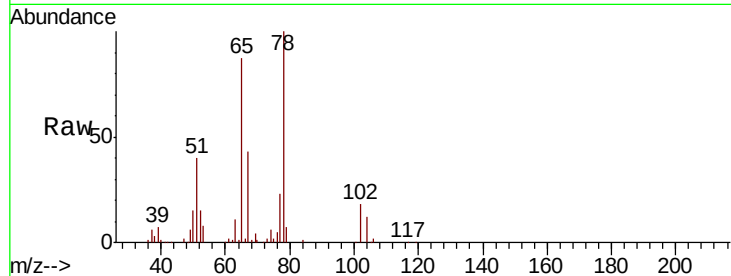




#33
 1,2-Dichloroethane-d4
 Concen: 52.239 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

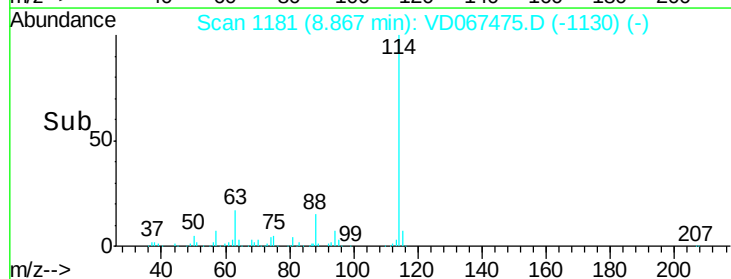
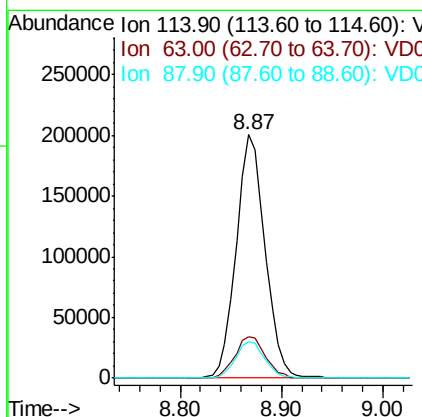
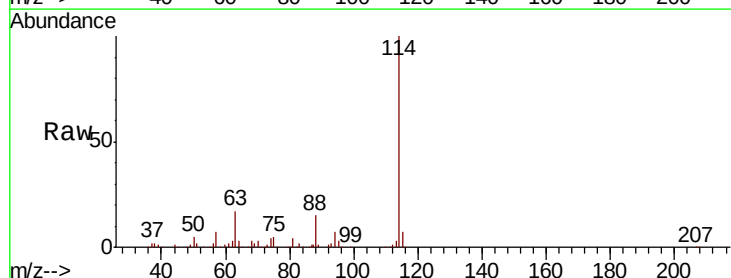
Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

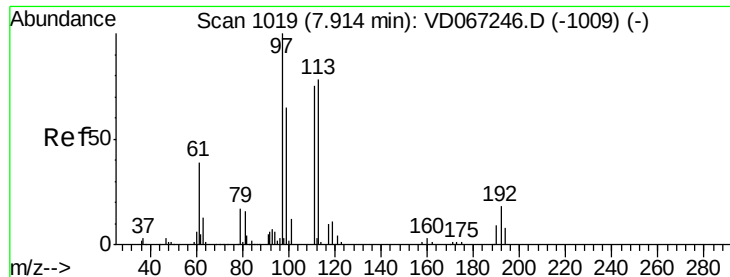
Tot Ion: 65 Resp: 133822
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion: 114 Resp: 397502
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 35.0
 88 14.7 0.0 30.6

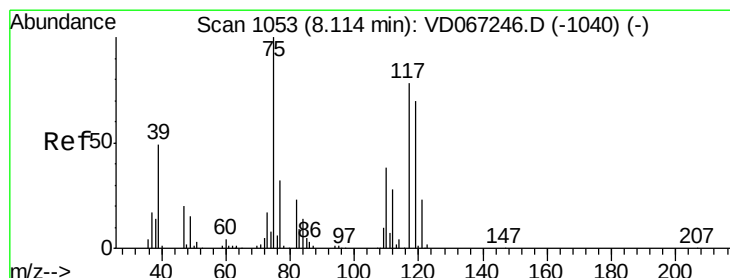
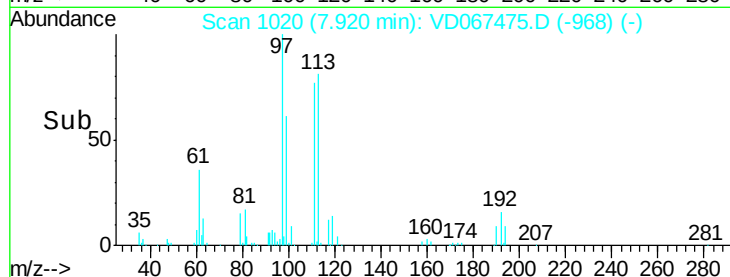
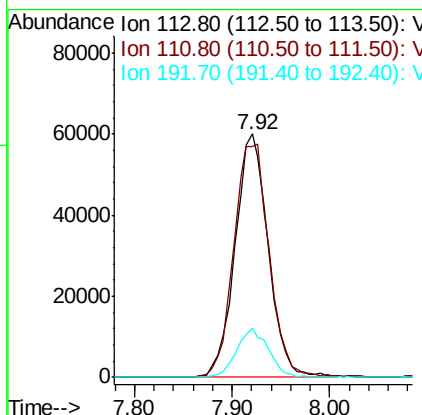
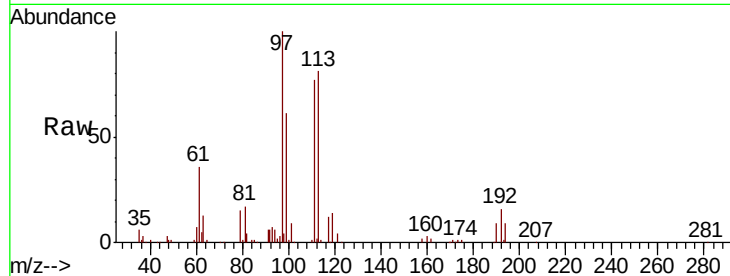




#35
 Dibromofluoromethane
 Concen: 53.707 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

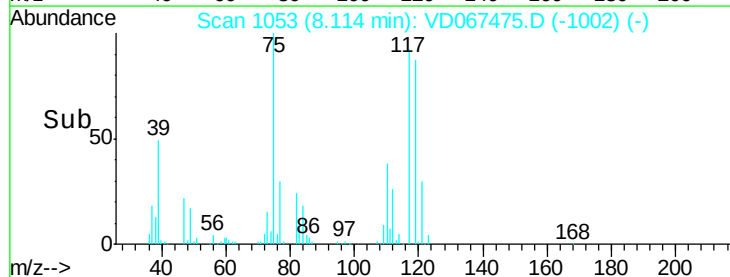
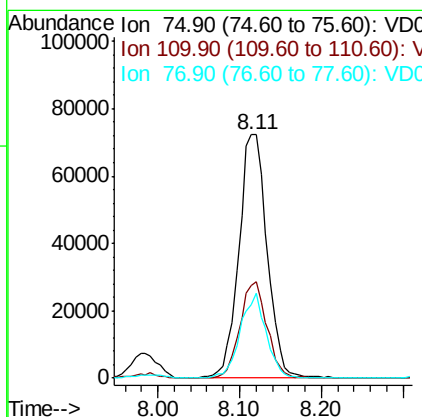
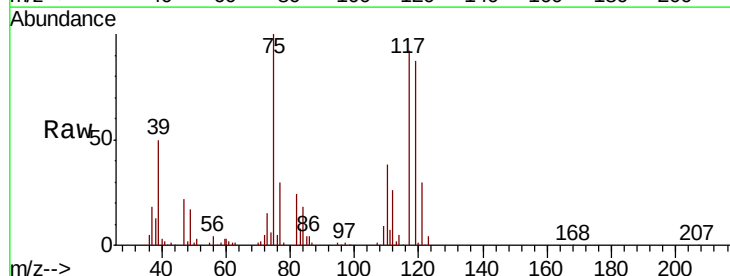
Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

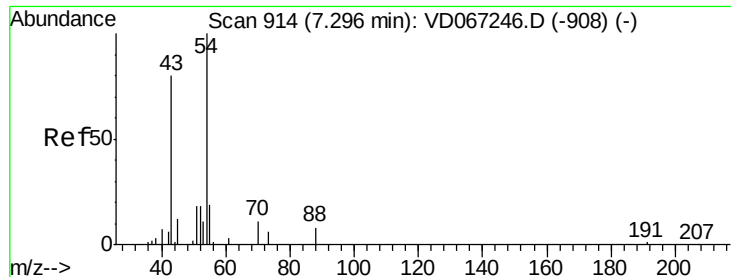
Tot Ion:113 Resp: 142075
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.6 122.4
 192 19.3 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 51.714 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion: 75 Resp: 174231
 Ion Ratio Lower Upper
 75 100
 110 37.7 19.6 58.7
 77 31.9 24.6 37.0

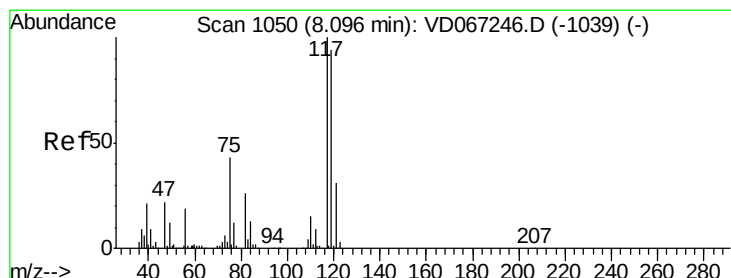
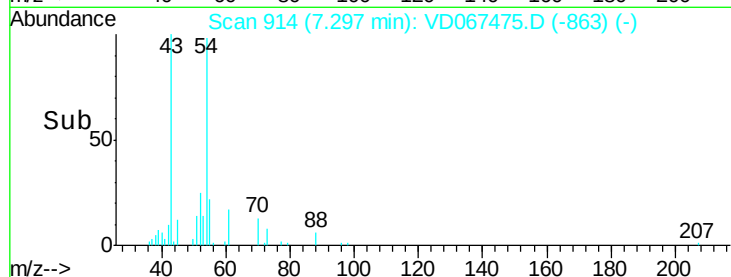
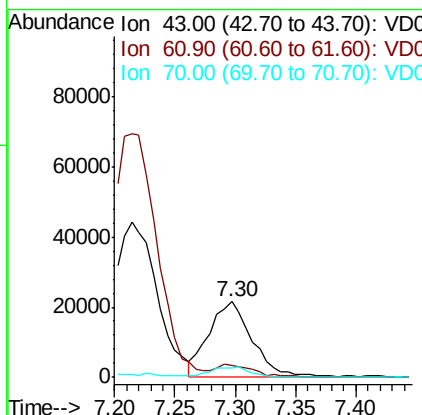
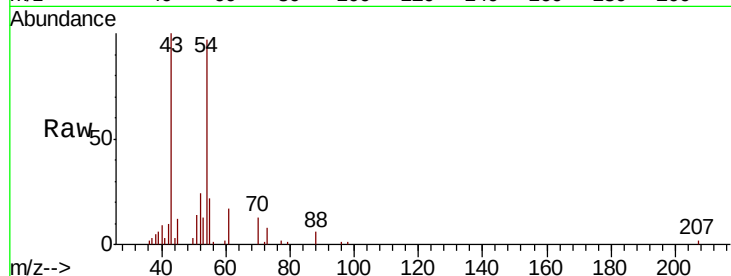




#37
Ethyl Acetate
Concen: 53.444 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

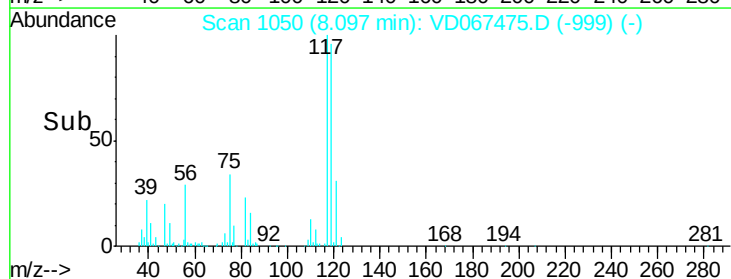
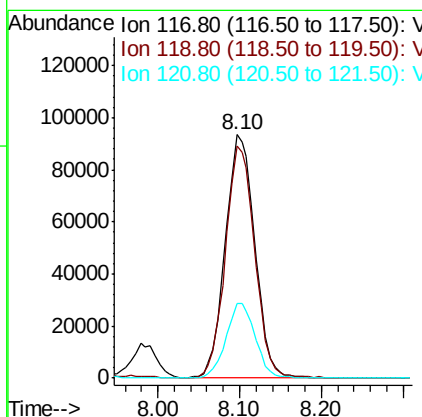
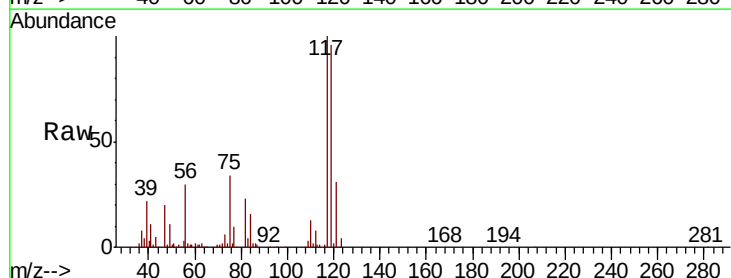
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

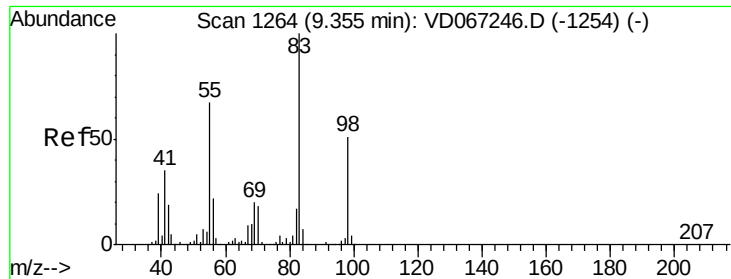
Tot Ion: 43 Resp: 52976
Ion Ratio Lower Upper
43 100
61 14.8 15.6 23.4#
70 13.6 10.4 15.6



#38
Carbon Tetrachloride
Concen: 54.391 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion: 117 Resp: 234210
Ion Ratio Lower Upper
117 100
119 95.7 75.0 112.4
121 30.7 24.9 37.3

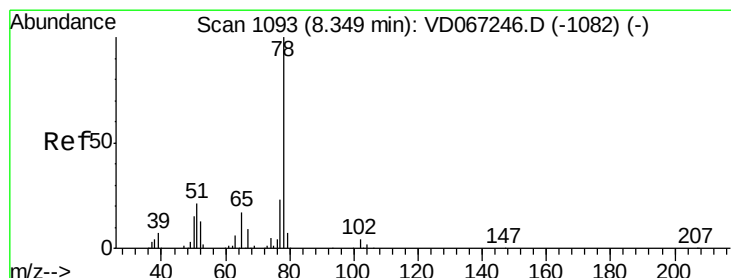
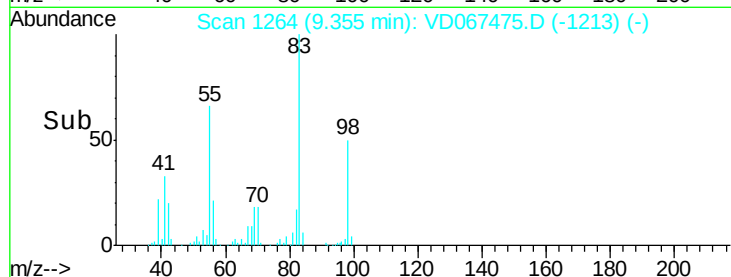
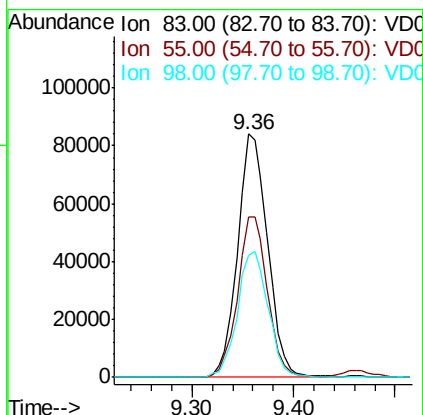
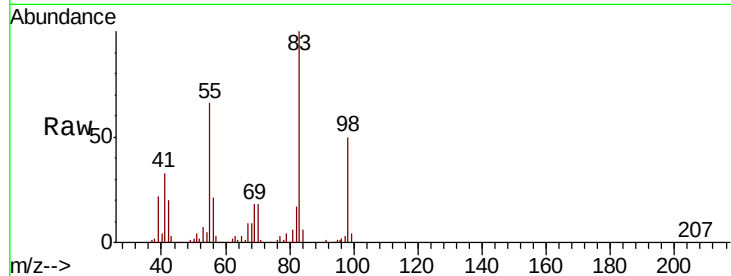




#39
Methylvlcyclohexane
Concen: 49.129 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

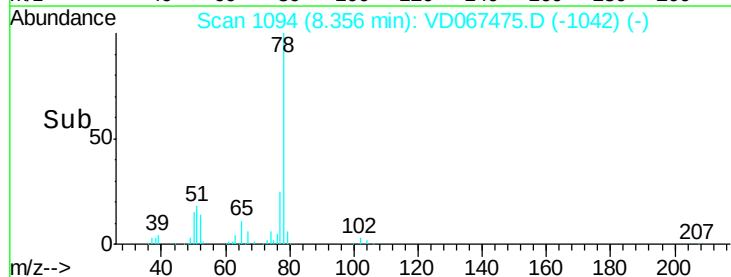
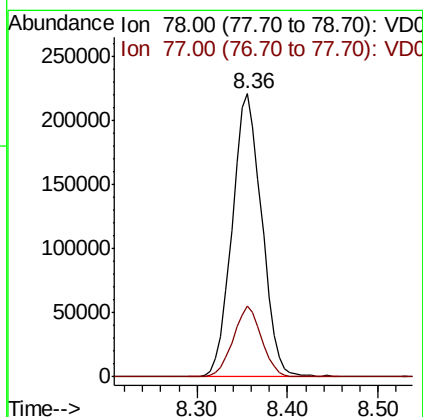
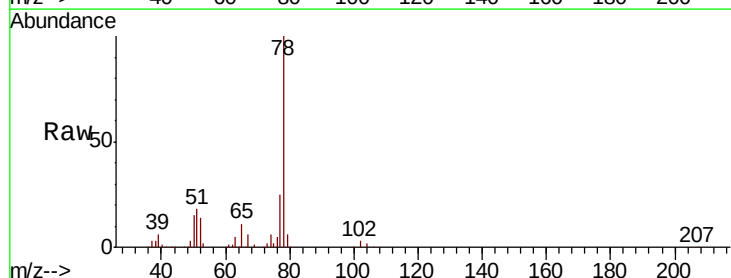
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

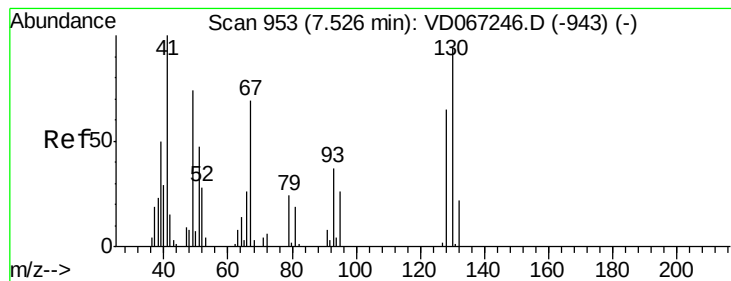
Tot Ion: 83 Resp: 173038
Ion Ratio Lower Upper
83 100
55 65.9 53.3 79.9
98 50.0 41.0 61.4



#40
Benzene
Concen: 54.359 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion: 78 Resp: 502428
Ion Ratio Lower Upper
78 100
77 24.9 18.3 27.5





#41

Methacrylonitrile

Concen: 66.143 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

Tot Ion: 41 Resp: 35430

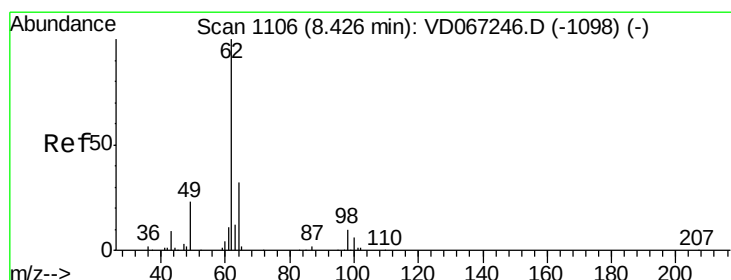
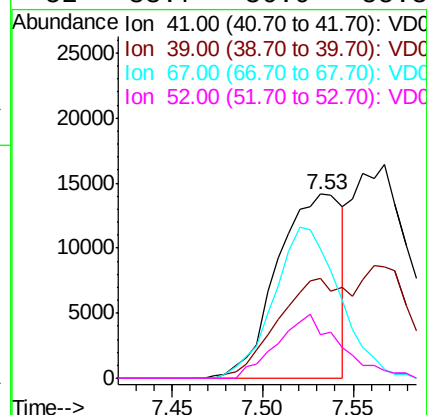
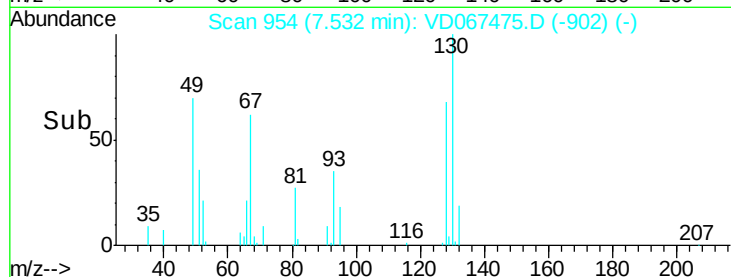
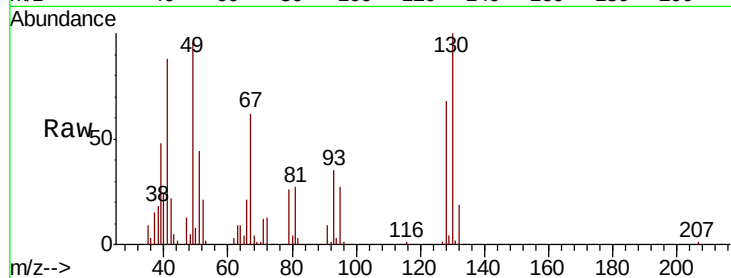
Ion Ratio Lower Upper

41 100

39 58.8 60.0 90.0#

67 83.1 88.9 133.3#

52 33.7 36.9 55.3#



#42

1,2-Dichloroethane

Concen: 55.996 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067475.D

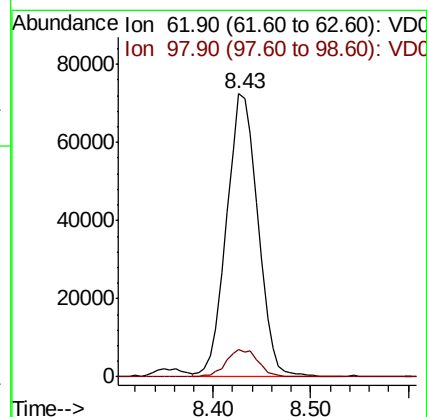
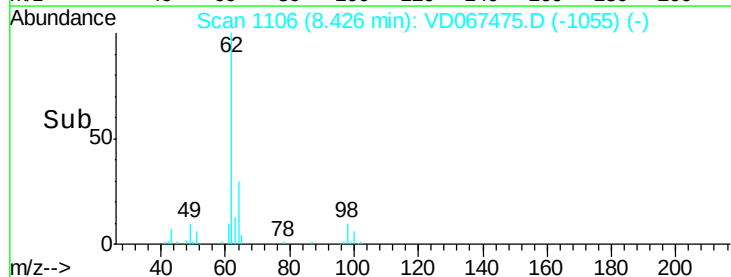
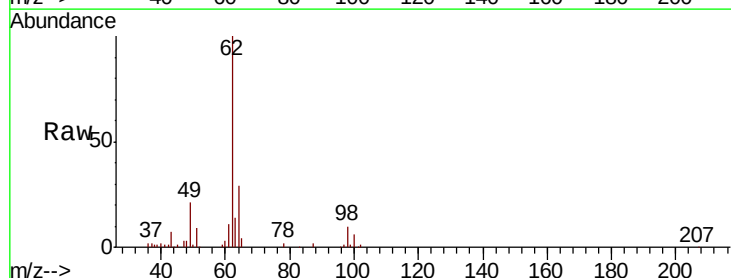
Acq: 30 Oct 2020 16:37

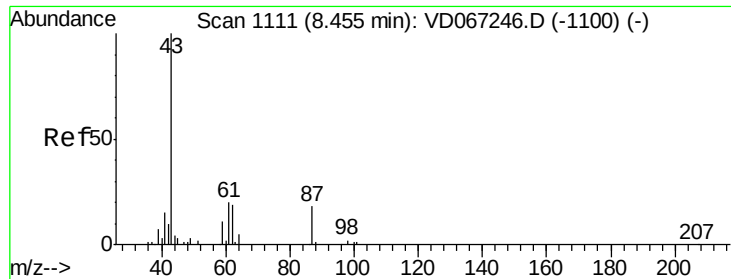
Tgt Ion: 62 Resp: 161969

Ion Ratio Lower Upper

62 100

98 9.8 0.0 19.4





#43

Isopropyl Acetate

Concen: 52.607 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

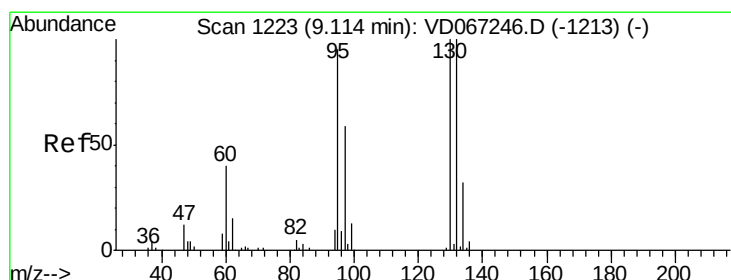
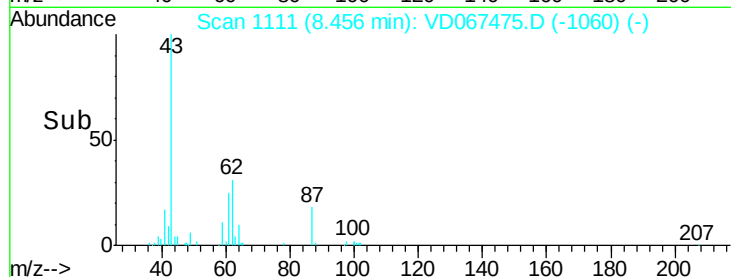
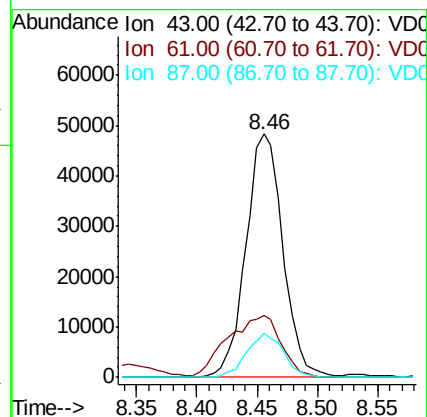
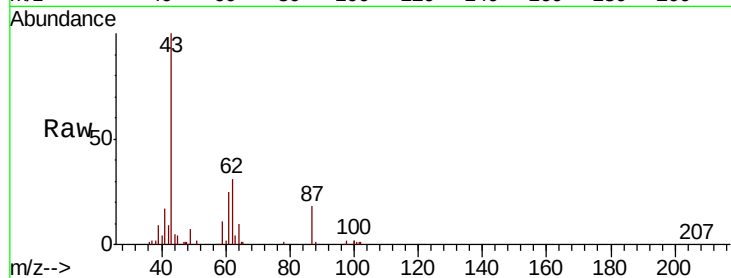
Tot Ion: 43 Resp: 103473

Ion Ratio Lower Upper

43 100

61 36.4 29.5 44.3

87 18.0 14.2 21.4



#44

Trichloroethene

Concen: 54.238 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD067475.D

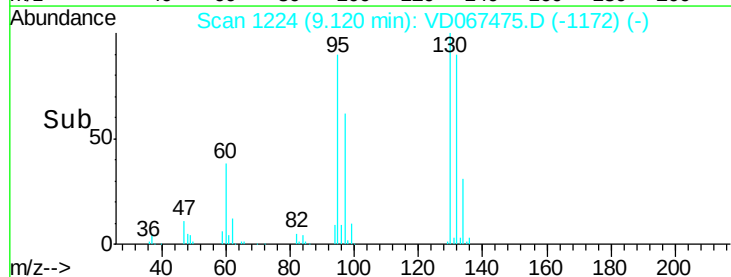
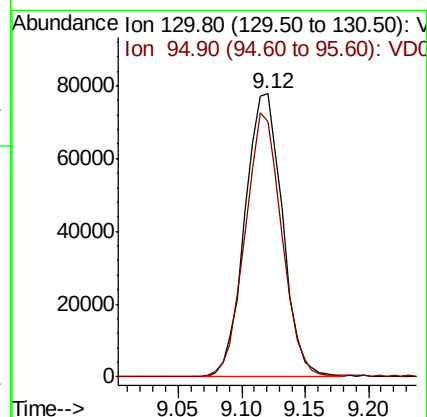
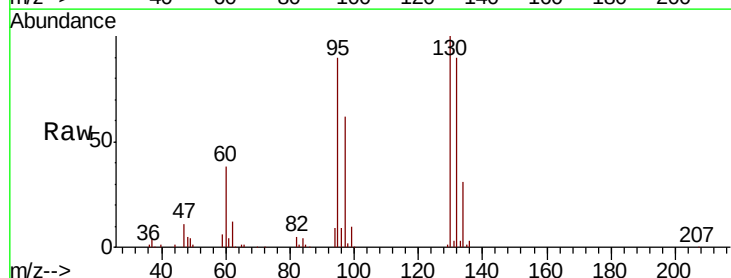
Acq: 30 Oct 2020 16:37

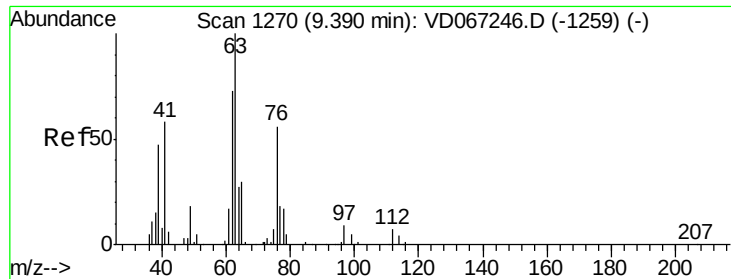
Tgt Ion:130 Resp: 160506

Ion Ratio Lower Upper

130 100

95 90.1 0.0 190.6

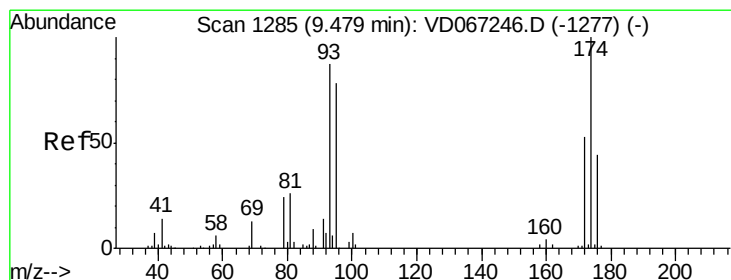
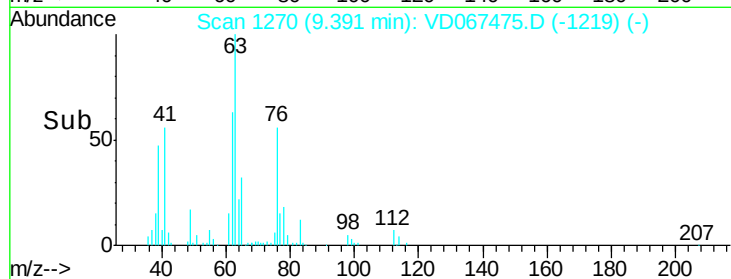
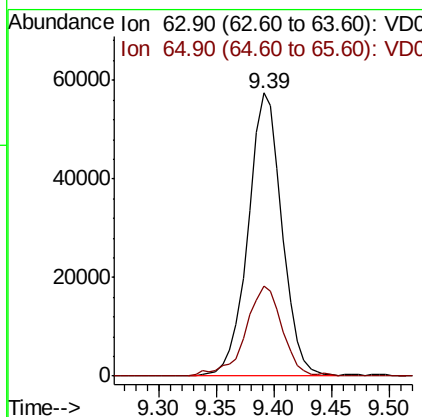
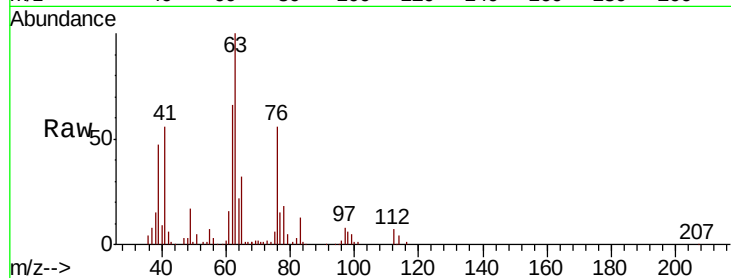




#45
 1,2-Dichloropropane
 Concen: 54.918 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

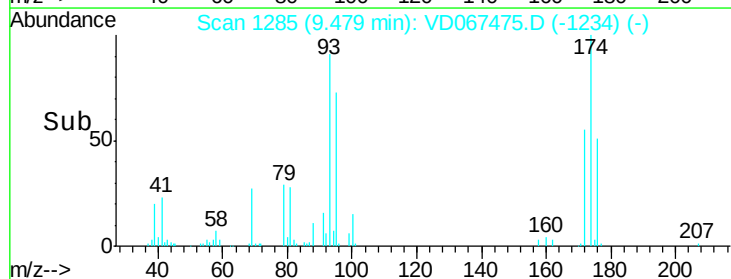
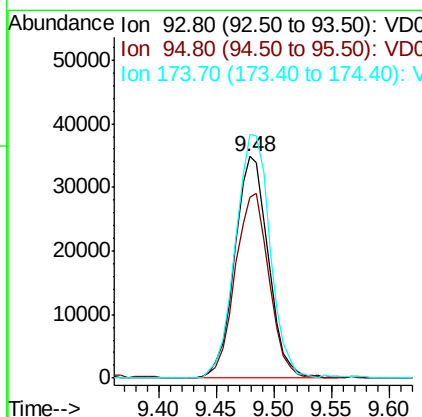
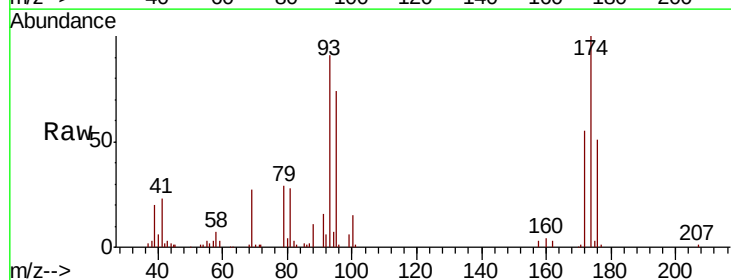
Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

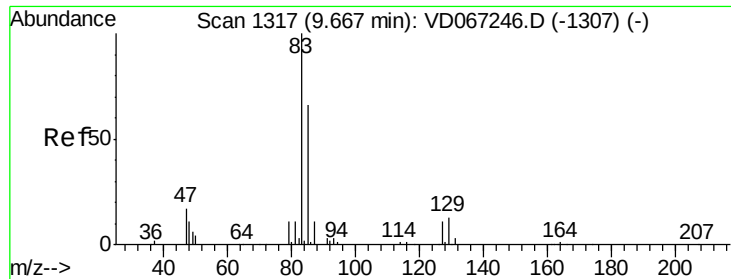
Tot Ion: 63 Resp: 117638
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.6 36.8



#46
 Dibromomethane
 Concen: 53.040 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion: 93 Resp: 70789
 Ion Ratio Lower Upper
 93 100
 95 84.0 68.0 102.0
 174 112.5 91.8 137.6





#47

Bromodichloromethane

Concen: 57.185 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

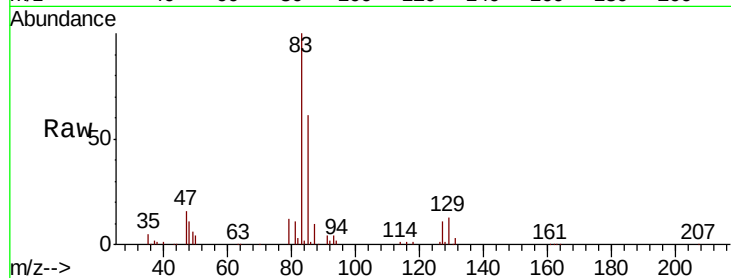
Tot Ion: 83 Resp: 204480

Ion Ratio Lower Upper

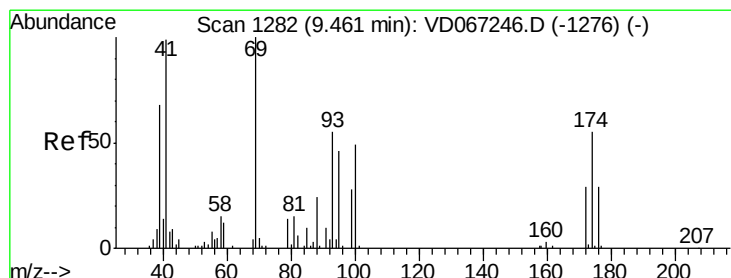
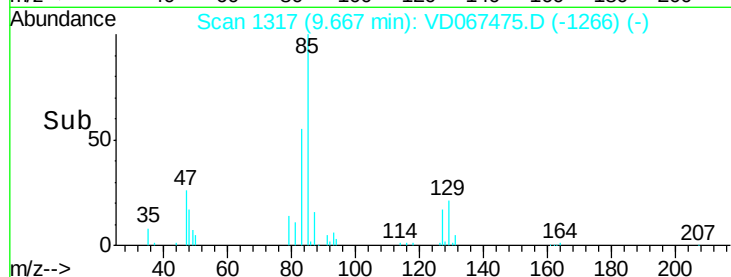
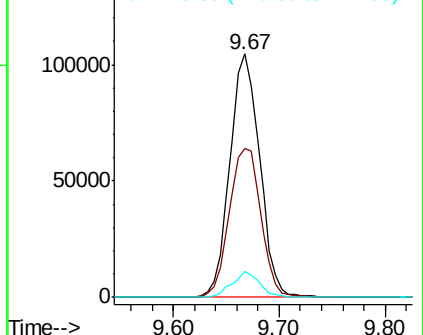
83 100

85 61.1 53.1 79.7

127 10.6 8.6 13.0



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



#48

Methyl methacrylate

Concen: 57.961 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

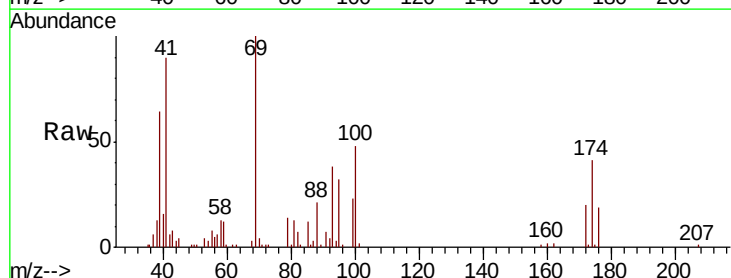
Tgt Ion: 41 Resp: 55402

Ion Ratio Lower Upper

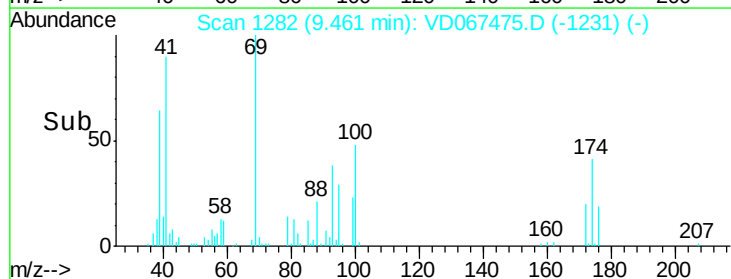
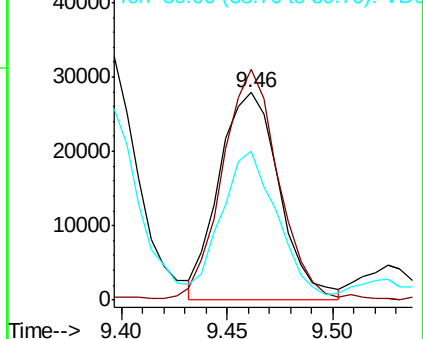
41 100

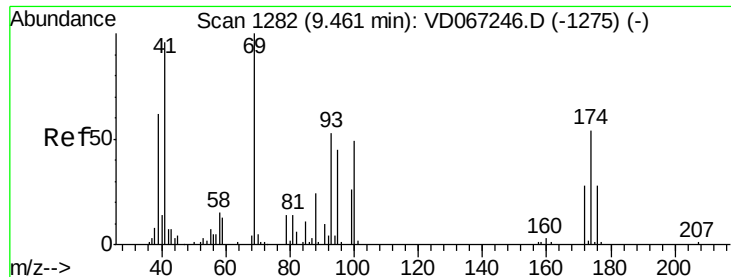
69 104.0 89.0 133.6

39 67.1 60.2 90.2



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: 1124.203 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

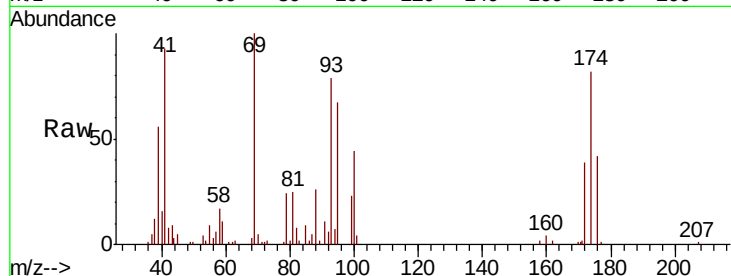
Tot Ion: 88 Resp: 14471

Ion Ratio Lower Upper

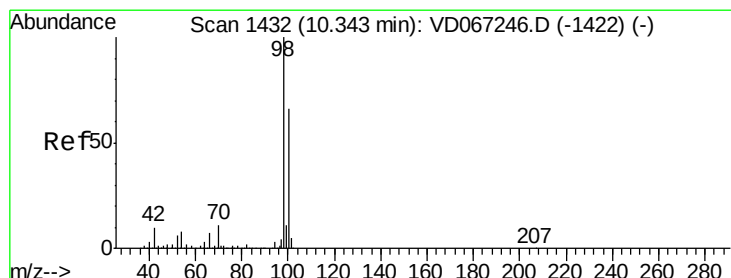
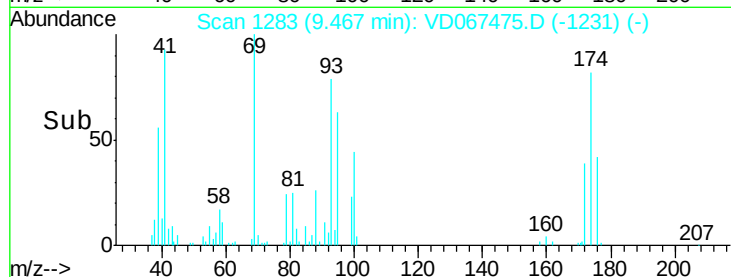
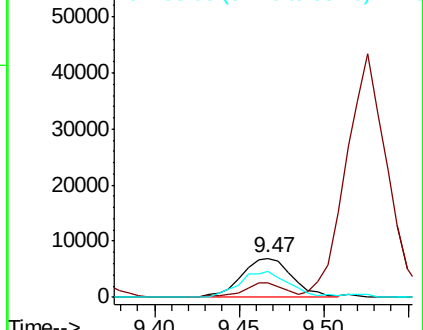
88 100

43 30.5 23.9 35.9

58 64.6 51.0 76.6



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: 51.537 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067475.D

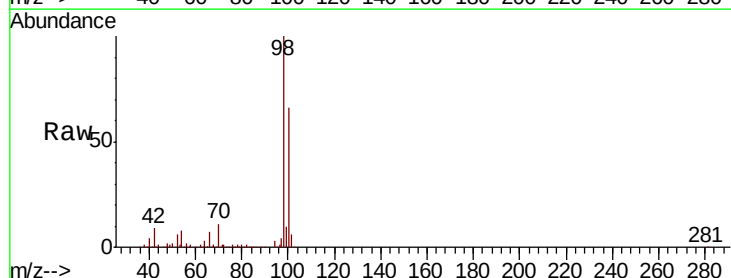
Acq: 30 Oct 2020 16:37

Tgt Ion: 98 Resp: 493383

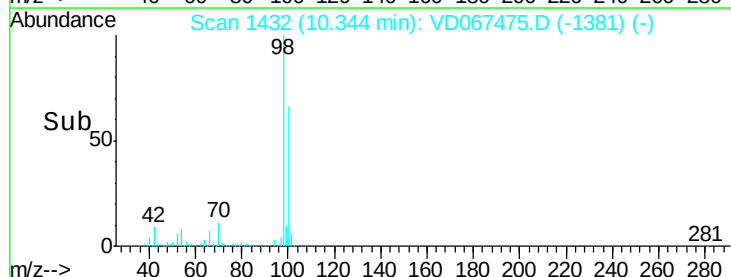
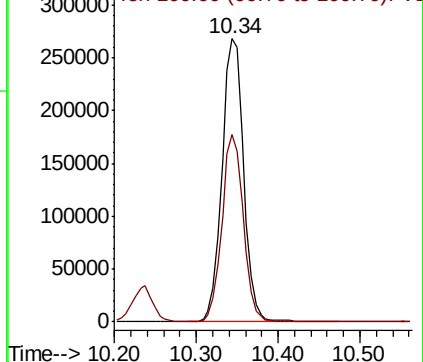
Ion Ratio Lower Upper

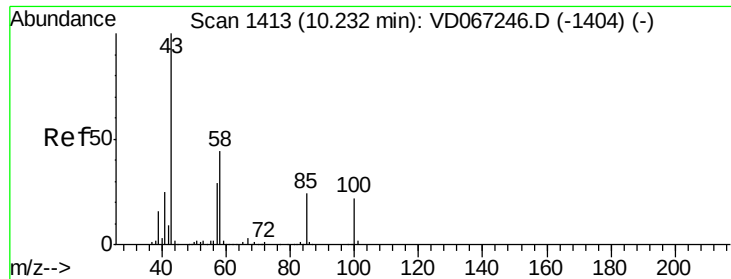
98 100

100 65.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 268.404 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

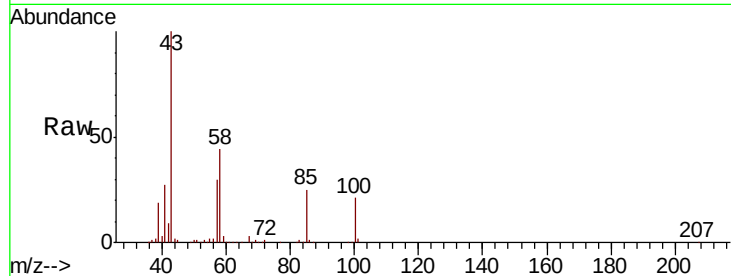
B308-B309-LOC2-SO-0003MS

Tot Ion: 43 Resp: 263311

Ion Ratio Lower Upper

43 100

58 45.3 35.7 53.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

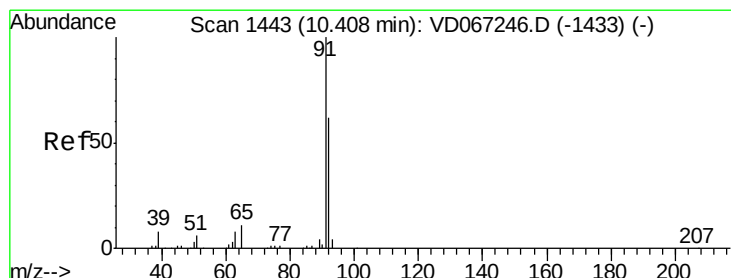
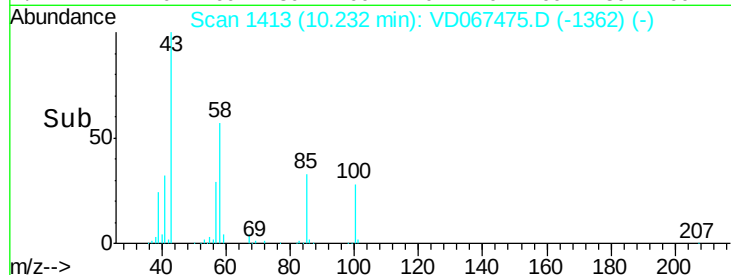
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 54.926 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067475.D

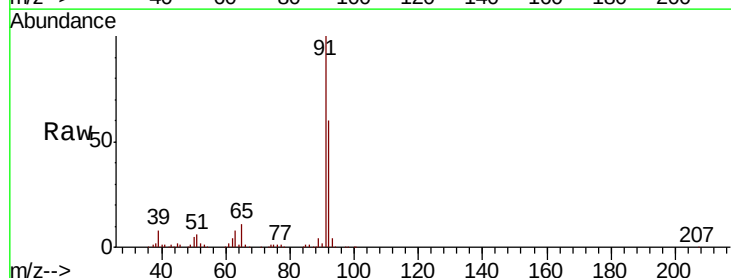
Acq: 30 Oct 2020 16:37

Tgt Ion: 92 Resp: 345773

Ion Ratio Lower Upper

92 100

91 171.0 133.8 200.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.41

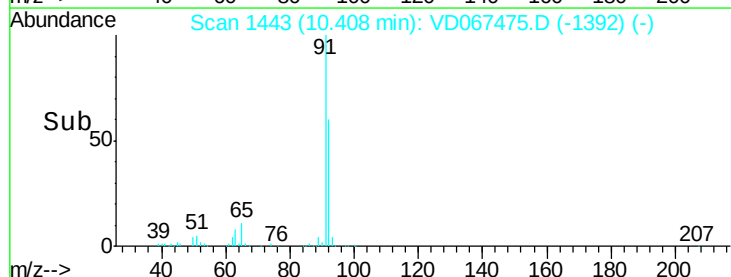
300000

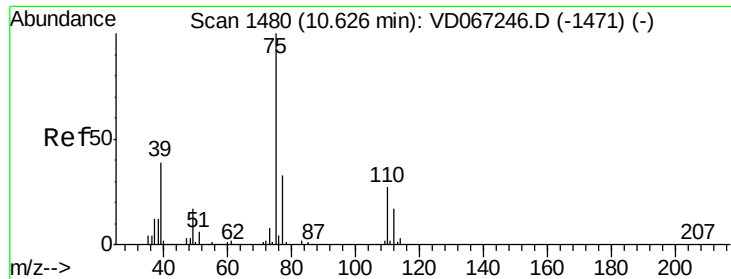
200000

100000

0

Time-->

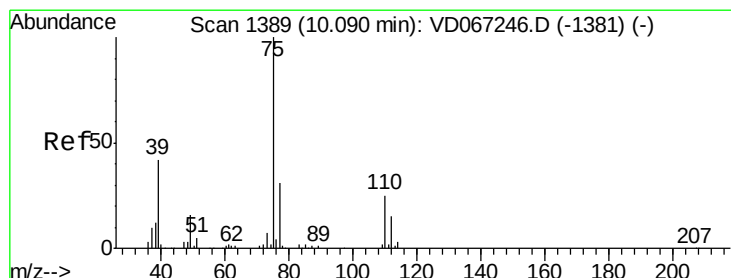
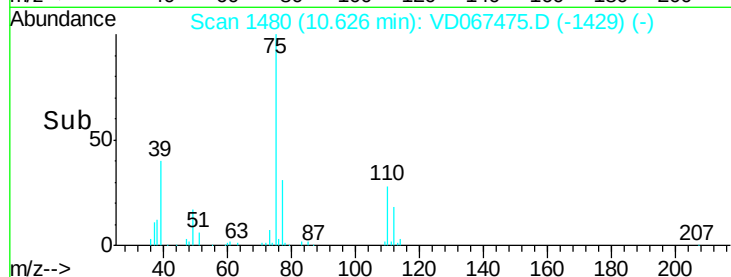
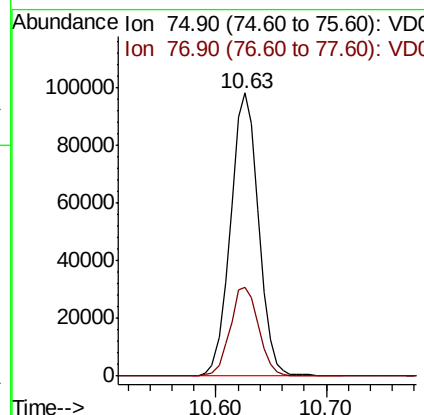
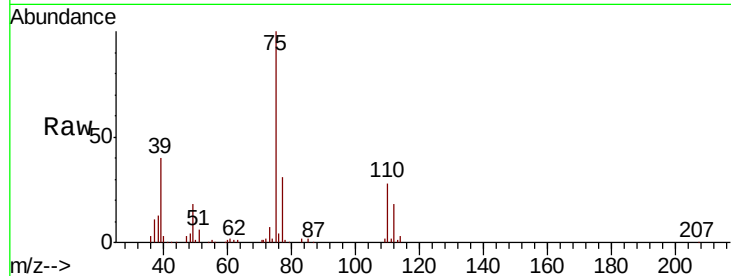




#53
t-1,3-Dichloropropene
Concen: 55.628 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

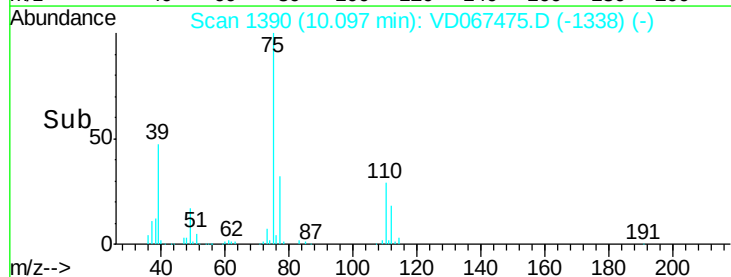
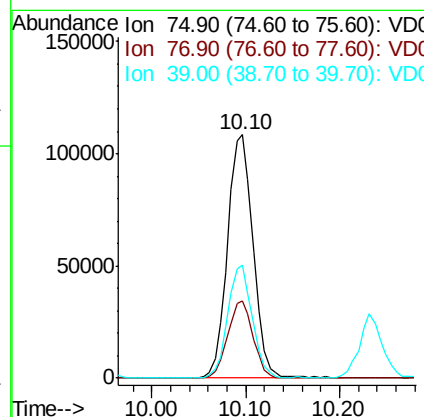
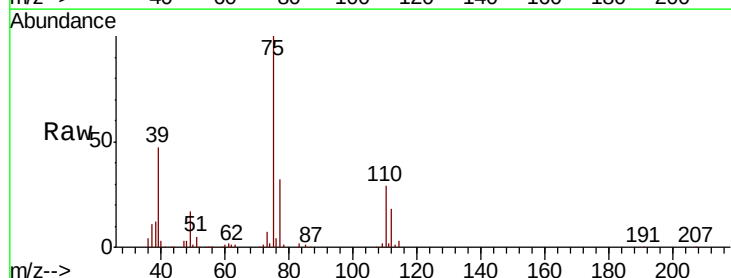
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

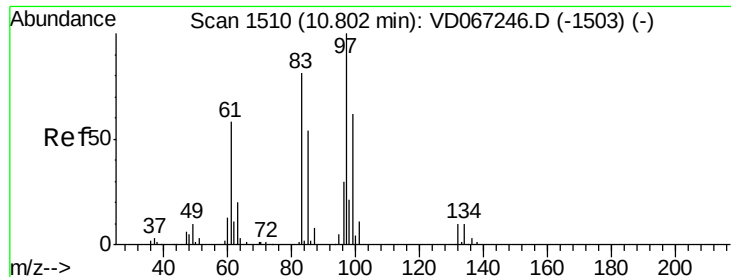
Tot Ion: 75 Resp: 174734
Ion Ratio Lower Upper
75 100
77 31.2 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 55.780 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion: 75 Resp: 205051
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7
39 46.7 33.7 50.5

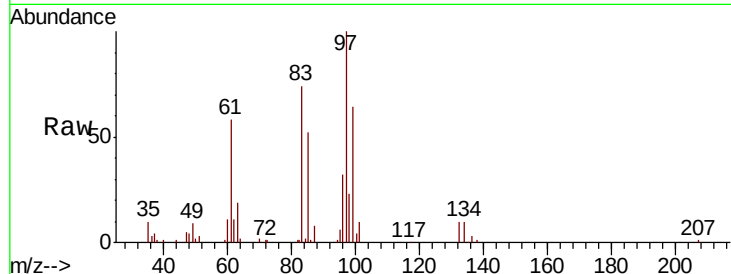




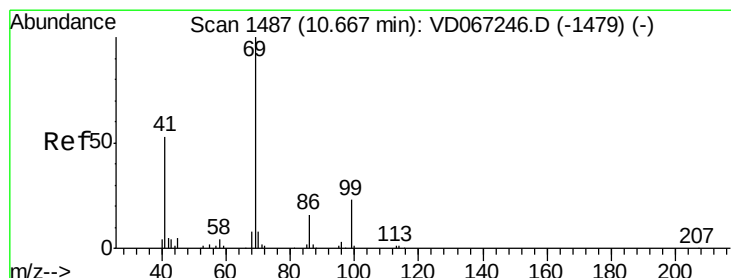
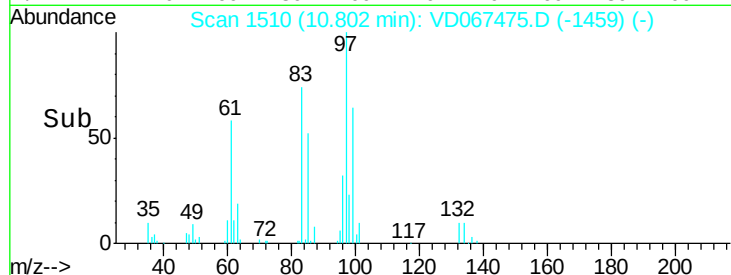
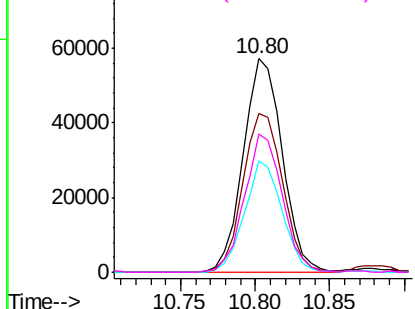
#55
 1,1,2-Trichloroethane
 Concen: 56.833 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

Tot Ion:	97	Resp:	103432
Ion	Ratio	Lower	Upper
97	100		
83	74.5	64.9	97.3
85	52.0	43.3	64.9
99	64.5	49.1	73.7

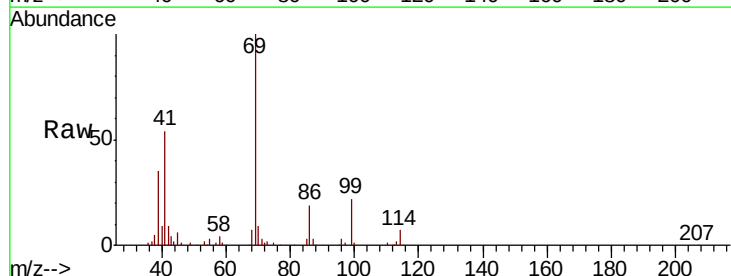


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

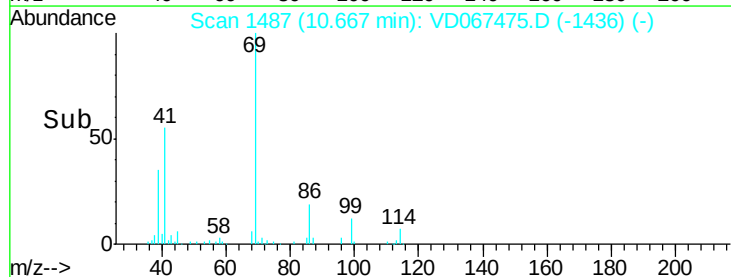
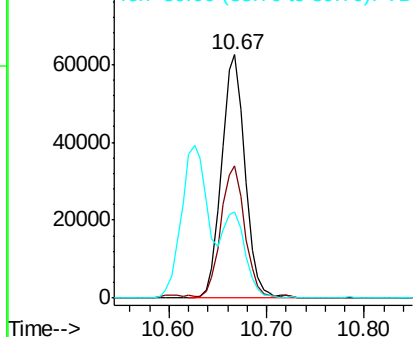


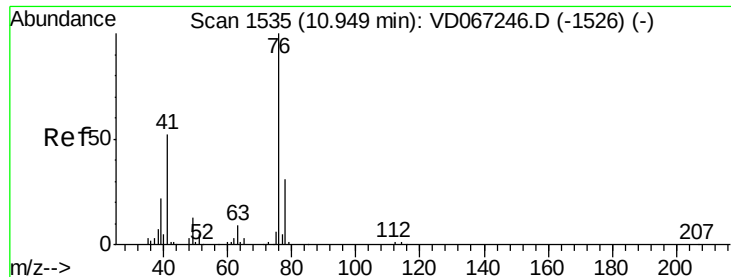
#56
 Ethyl methacrylate
 Concen: 55.281 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion:	69	Resp:	104341
Ion	Ratio	Lower	Upper
69	100		
41	54.5	44.7	67.1
39	33.6	26.2	39.2



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: 56.229 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

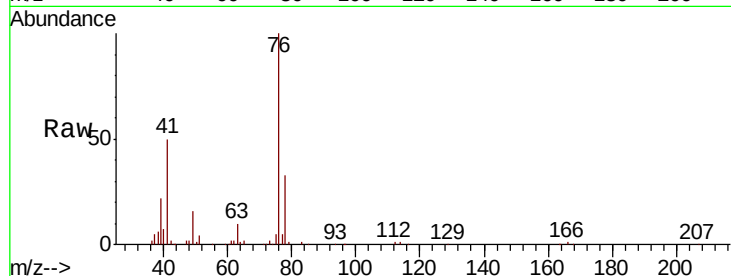
B308-B309-LOC2-SO-0003MS

Tot Ion: 76 Resp: 162855

Ion Ratio Lower Upper

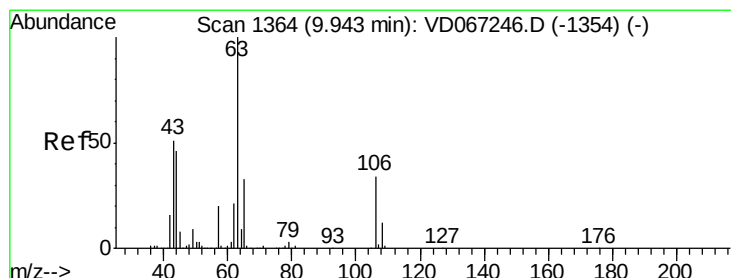
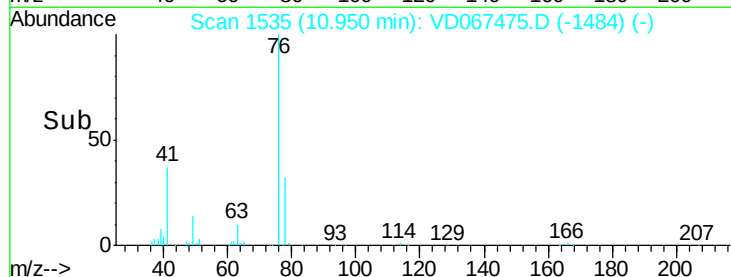
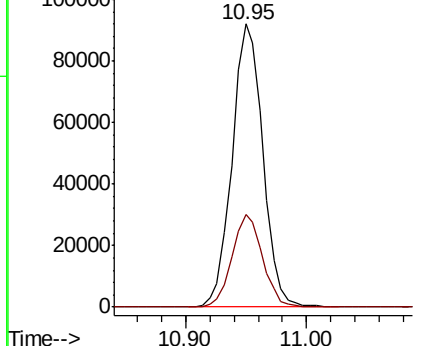
76 100

78 32.4 26.8 40.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 276.491 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067475.D

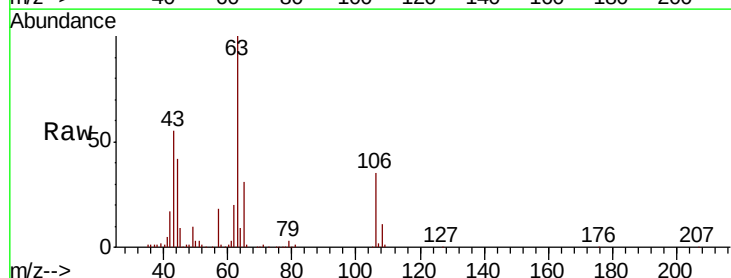
Acq: 30 Oct 2020 16:37

Tgt Ion: 63 Resp: 267719

Ion Ratio Lower Upper

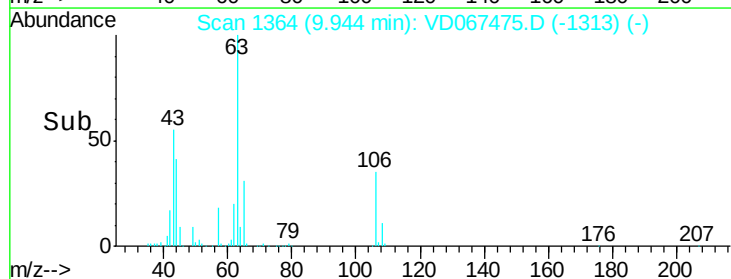
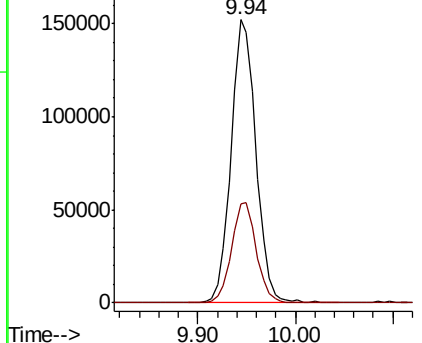
63 100

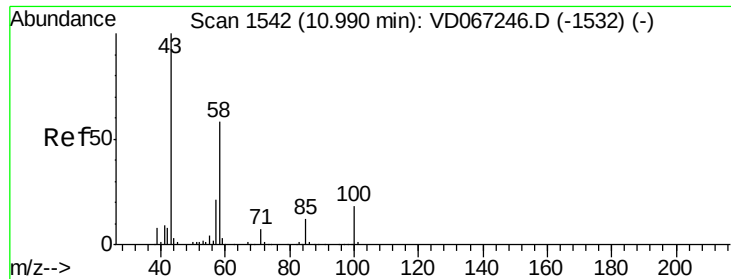
106 35.4 27.8 41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

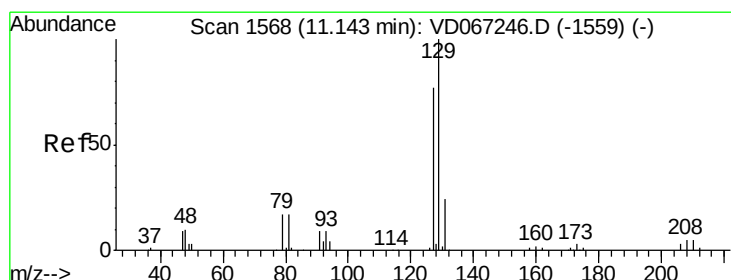
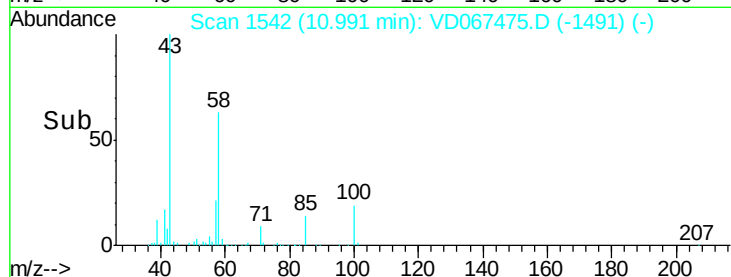
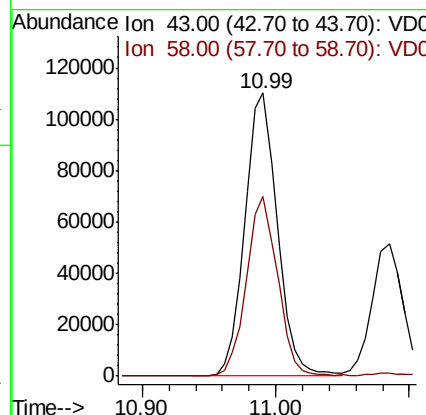
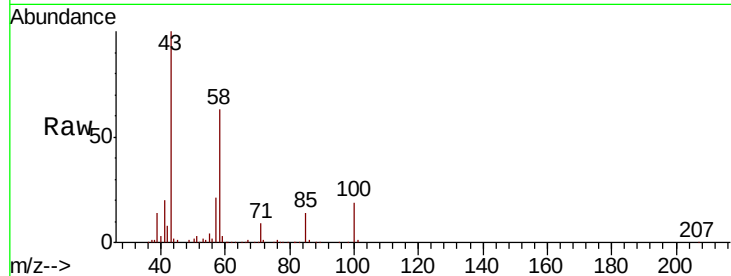




#59
2-Hexanone
Concen: 276.218 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

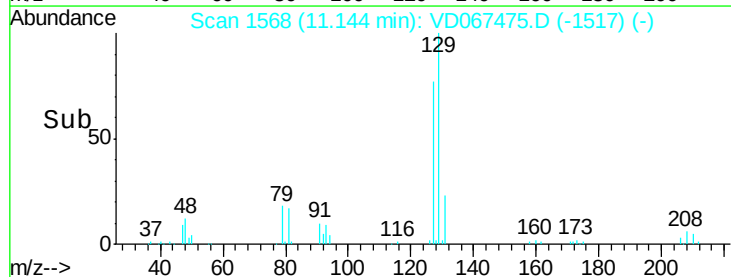
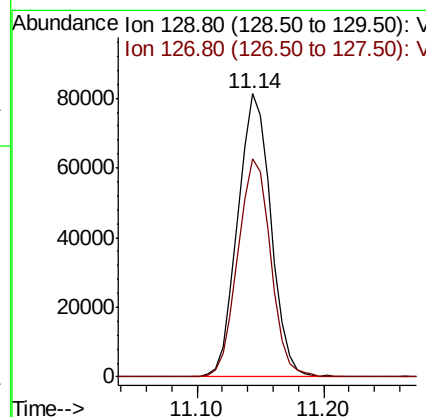
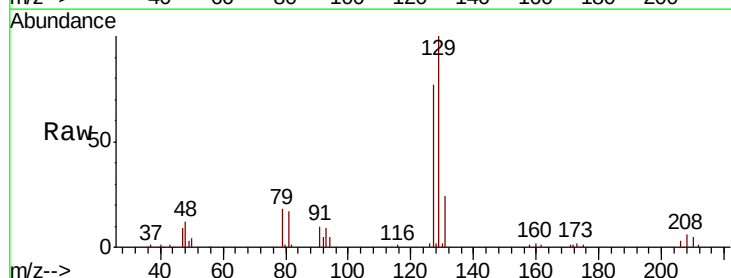
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

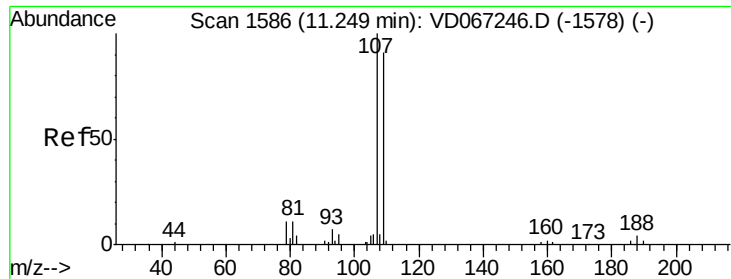
Tot Ion: 43 Resp: 185167
Ion Ratio Lower Upper
43 100
58 60.8 29.3 87.9



#60
Dibromochloromethane
Concen: 55.562 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion: 129 Resp: 147468
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.8

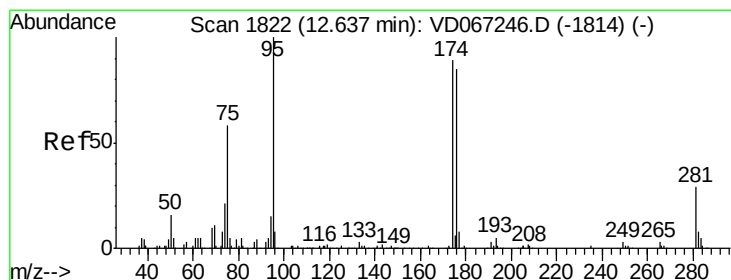
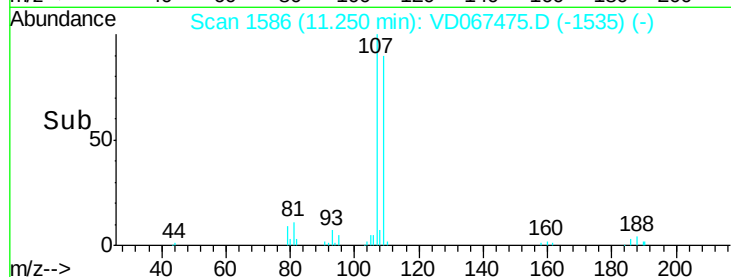
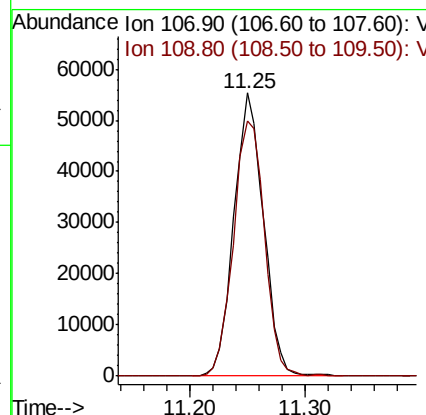
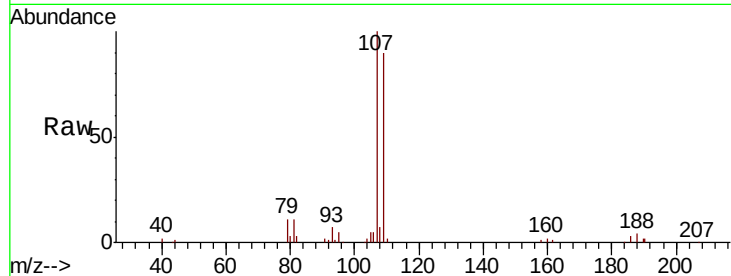




#61
 1,2-Dibromoethane
 Concen: 54.822 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

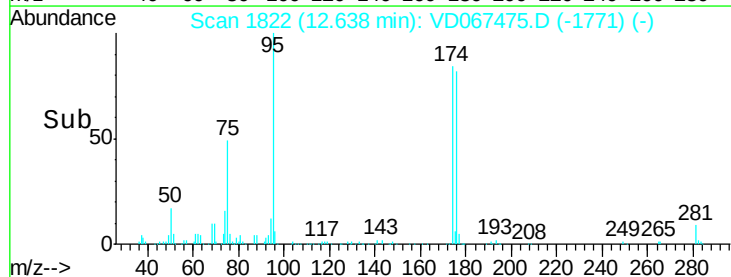
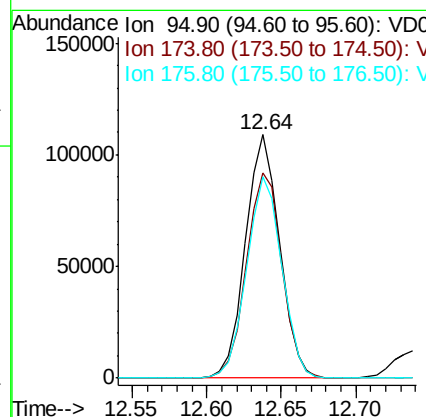
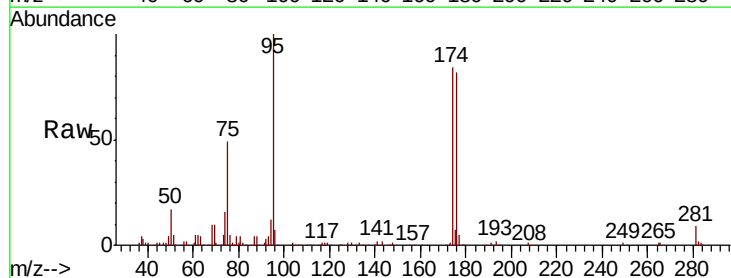
Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

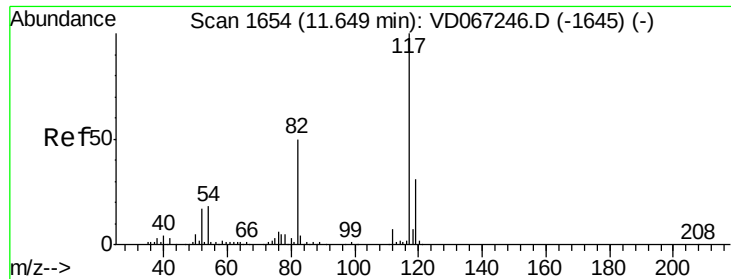
Tot Ion: 107 Resp: 98362
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 51.830 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion: 95 Resp: 172535
 Ion Ratio Lower Upper
 95 100
 174 87.2 0.0 175.2
 176 84.7 0.0 168.6

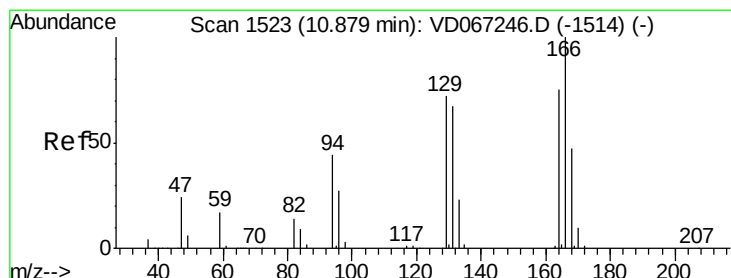
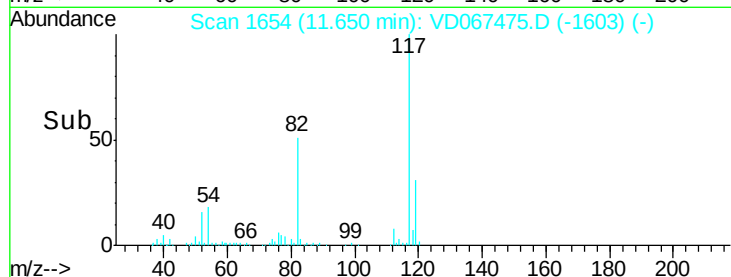
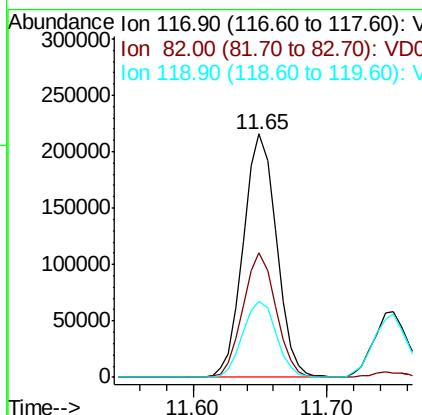
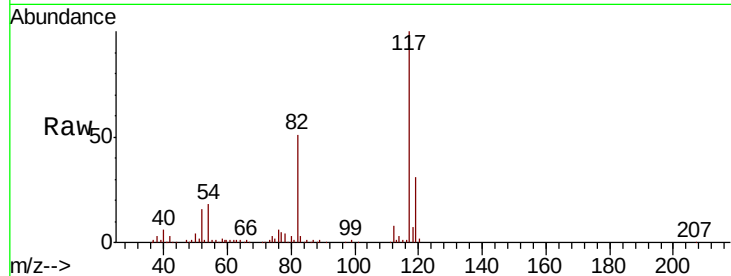




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

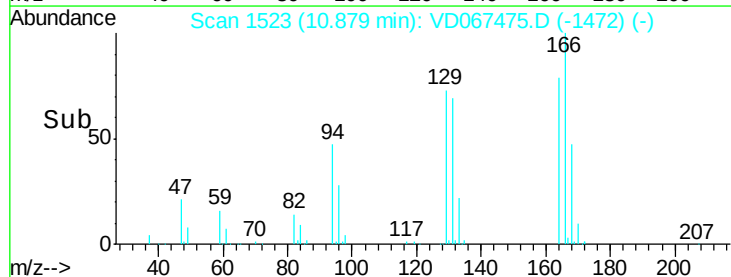
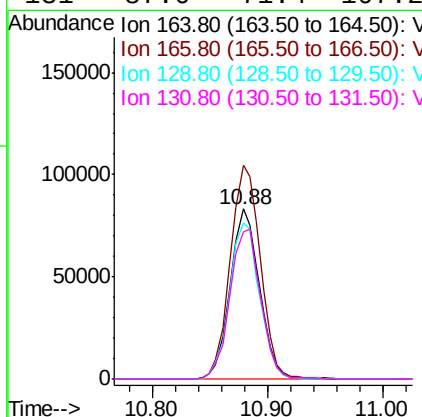
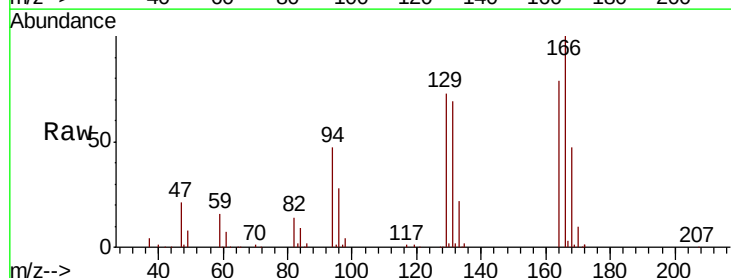
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

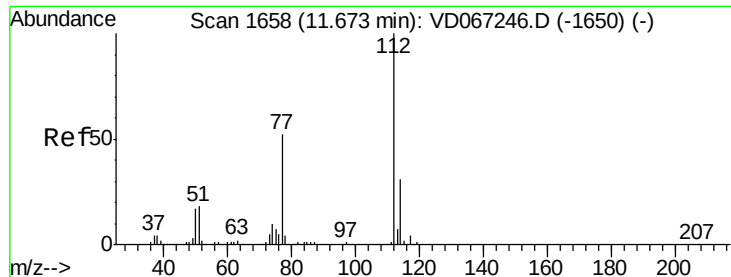
Tot Ion:117 Resp: 371042
Ion Ratio Lower Upper
117 100
82 51.3 39.9 59.9
119 31.0 24.9 37.3



#64
Tetrachloroethene
Concen: 54.517 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion:164 Resp: 146559
Ion Ratio Lower Upper
164 100
166 125.9 107.3 160.9
129 92.0 77.3 115.9
131 87.0 71.4 107.2

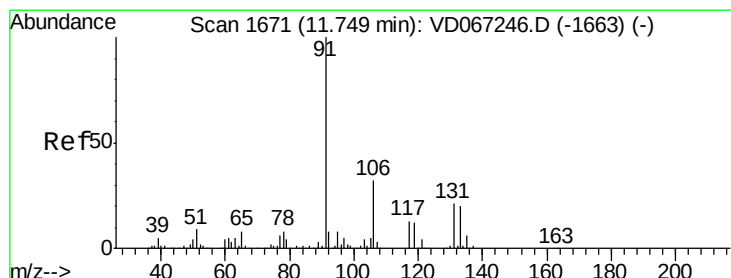
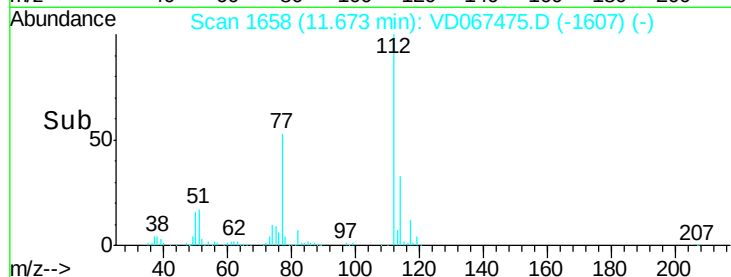
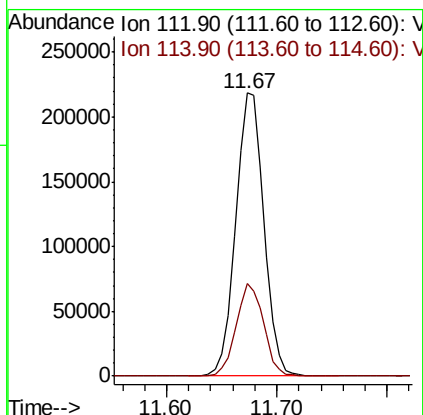
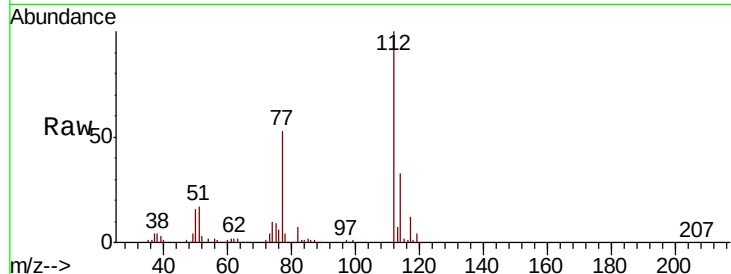




#65
Chlorobenzene
Concen: 54.926 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

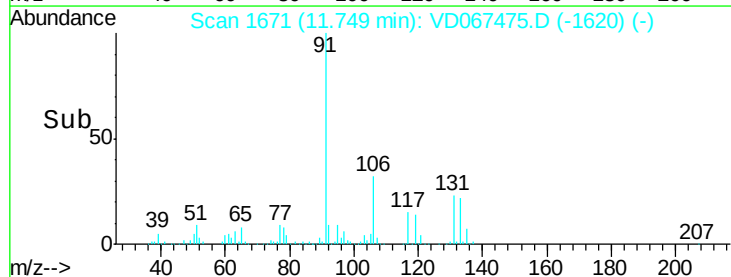
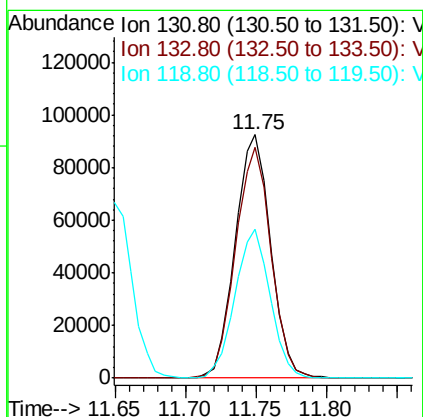
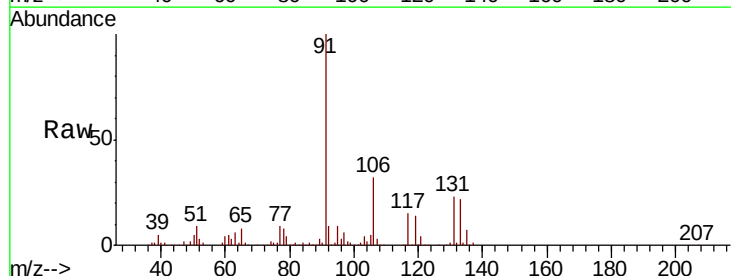
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

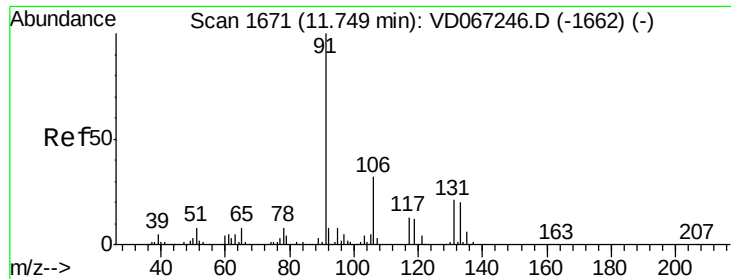
Tot Ion:112 Resp: 390805
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 57.261 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion:131 Resp: 161928
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.3
119 61.1 30.0 90.0





#67

Ethyl Benzene

Concen: 54.832 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

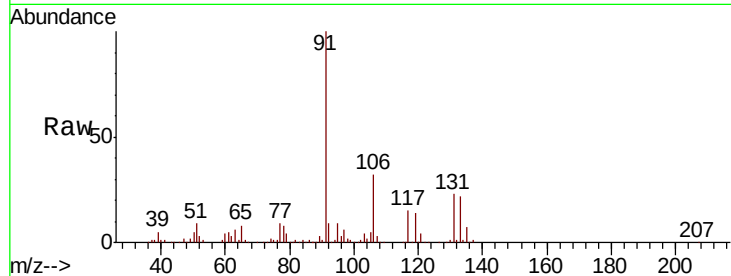
B308-B309-LOC2-SO-0003MS

Tot Ion: 91 Resp: 668771

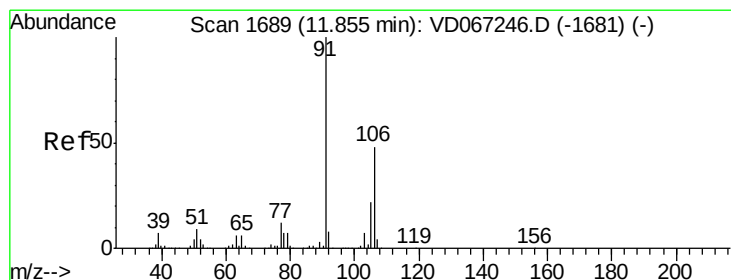
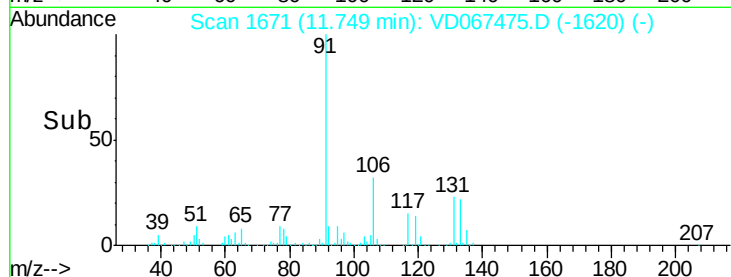
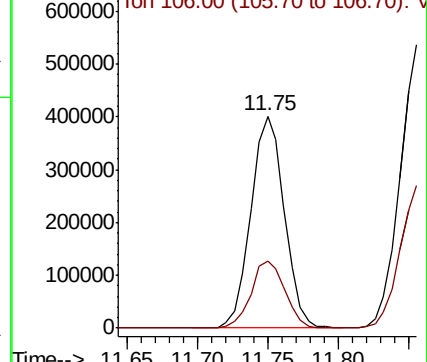
Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC



#68

m/p-Xylenes

Concen: 110.429 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067475.D

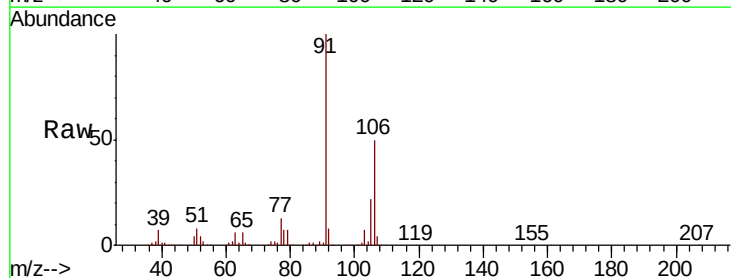
Acq: 30 Oct 2020 16:37

Tgt Ion:106 Resp: 518657

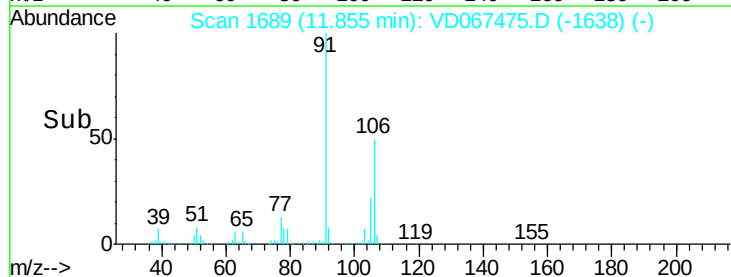
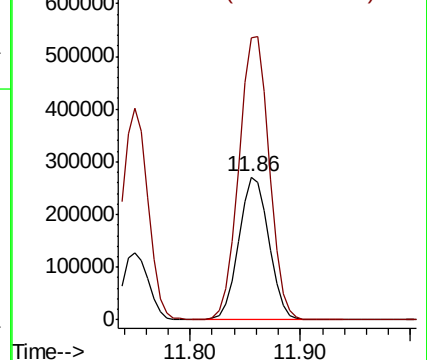
Ion Ratio Lower Upper

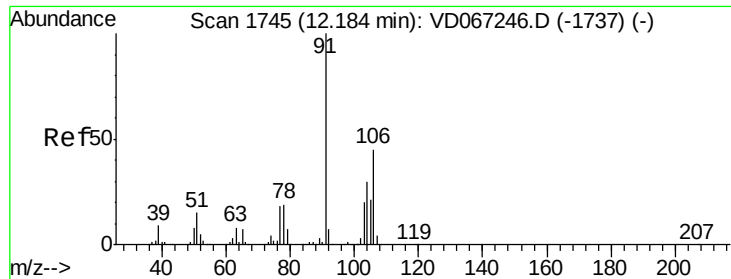
106 100

91 201.0 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): VDC

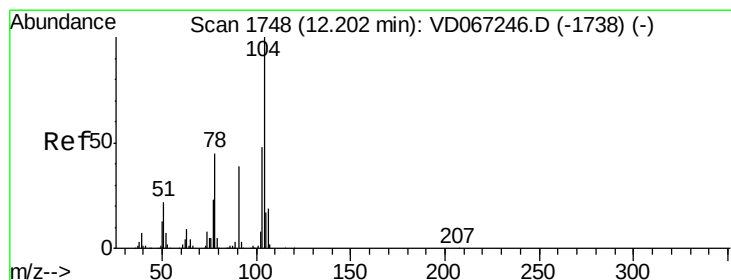
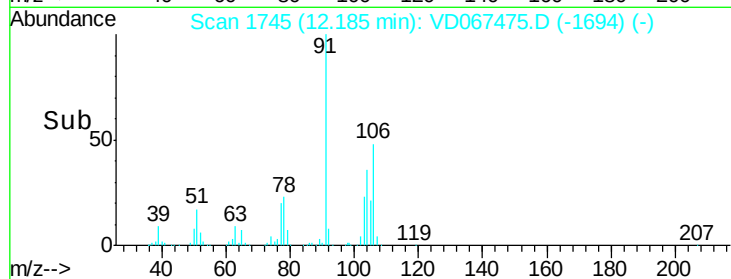
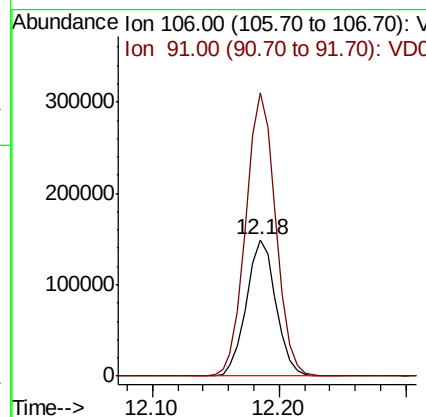
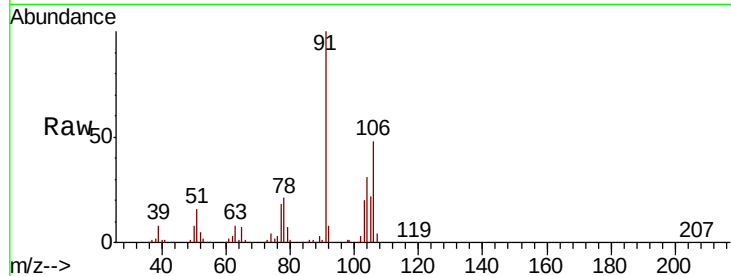




#69
o-Xylene
Concen: 55.650 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

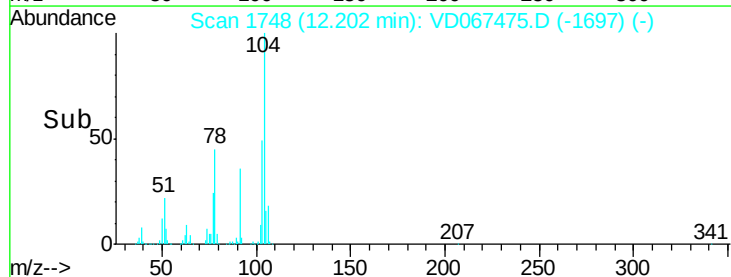
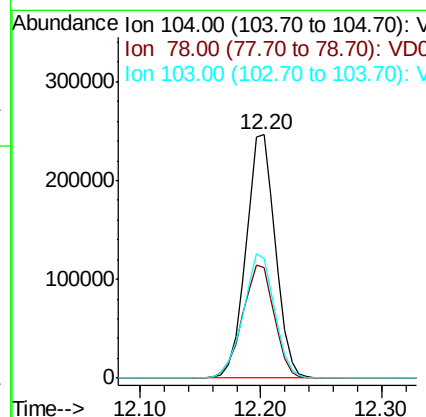
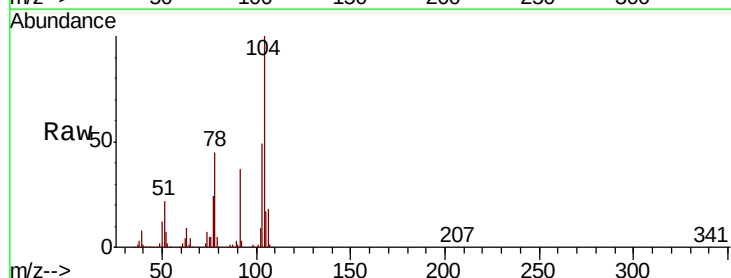
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

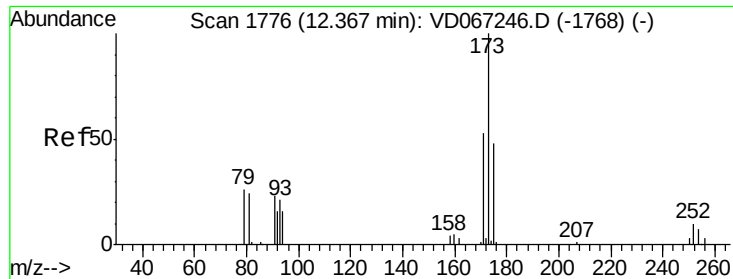
Tot Ion:106 Resp: 242035
Ion Ratio Lower Upper
106 100
91 209.6 109.1 327.3



#70
Styrene
Concen: 56.015 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion:104 Resp: 419383
Ion Ratio Lower Upper
104 100
78 50.1 39.8 59.6
103 54.2 42.6 64.0

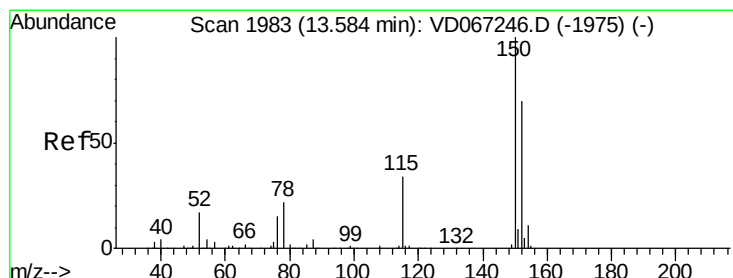
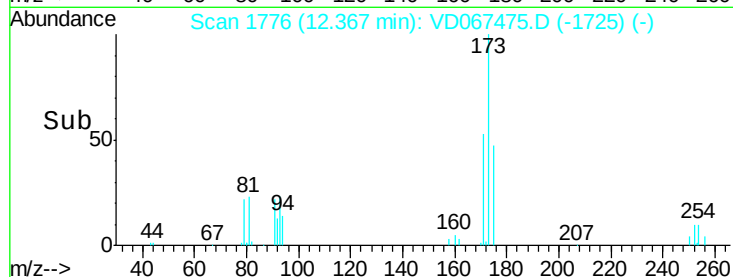
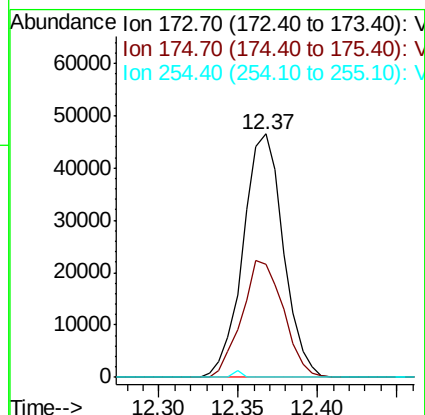
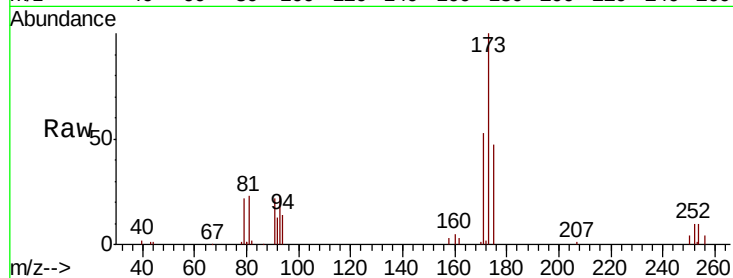




#71
Bromoform
Concen: 54.052 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

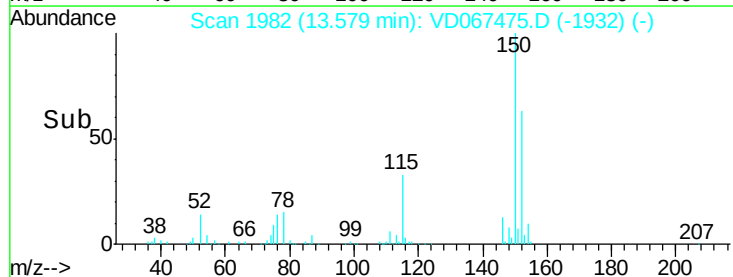
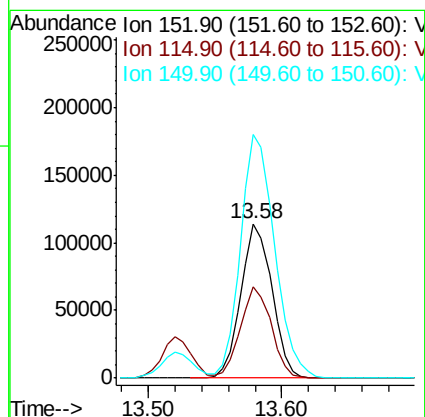
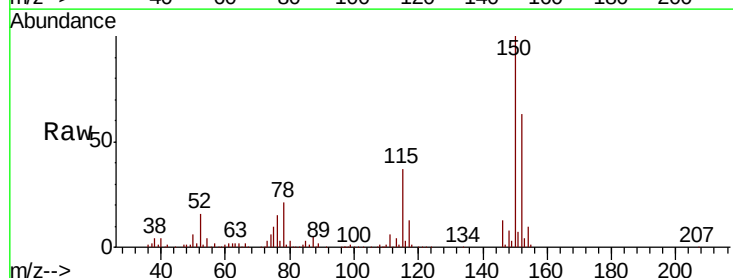
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

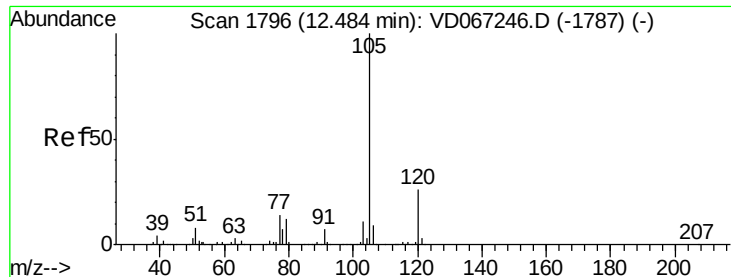
Tot Ion:173 Resp: 82116
Ion Ratio Lower Upper
173 100
175 49.4 24.2 72.6
254 0.6 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion:152 Resp: 183980
Ion Ratio Lower Upper
152 100
115 58.4 29.3 87.9
150 172.9 0.0 339.0





#73

Isopropylbenzene

Concen: 57.466 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

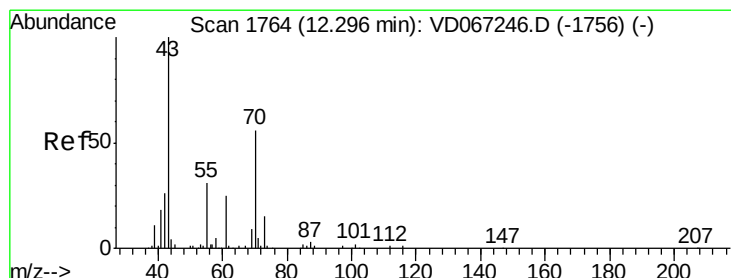
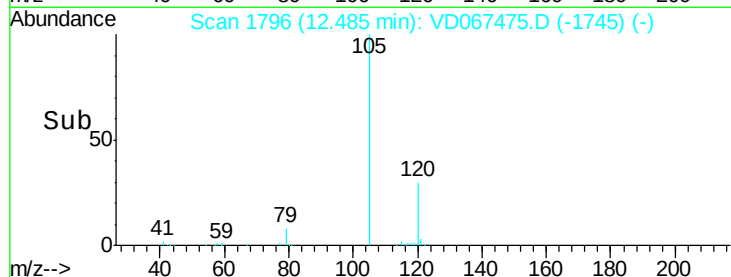
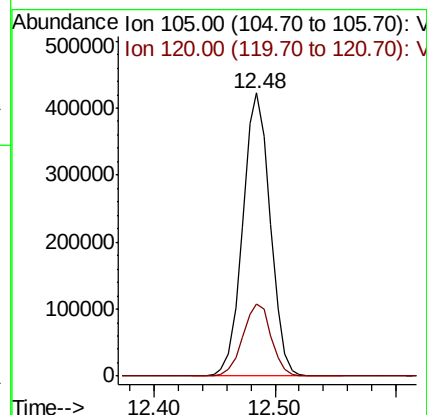
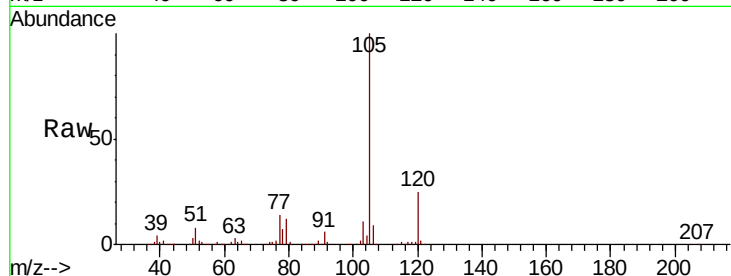
B308-B309-LOC2-SO-0003MS

Tot Ion:105 Resp: 671004

Ion Ratio Lower Upper

105 100

120 26.1 13.3 39.8



#74

N-ethyl acetate

Concen: 49.478 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Tgt Ion: 43 Resp: 87257

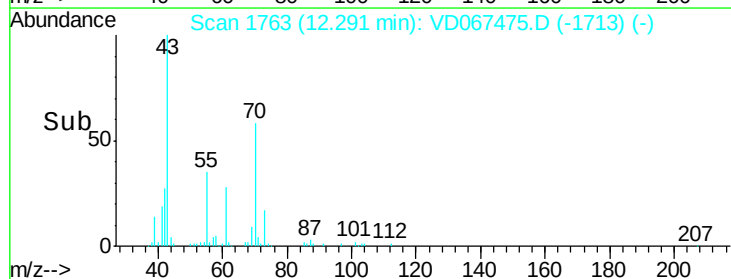
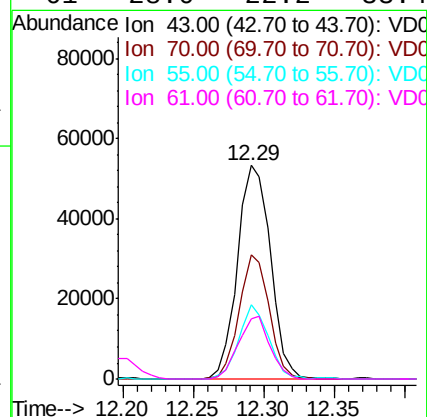
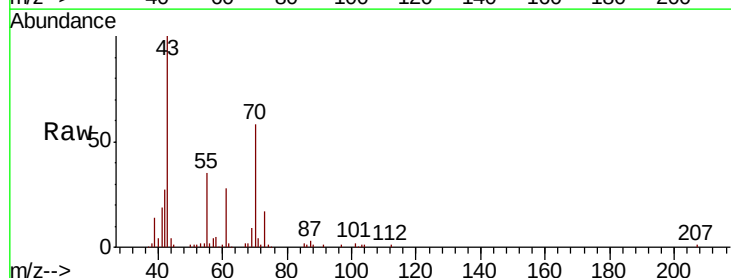
Ion Ratio Lower Upper

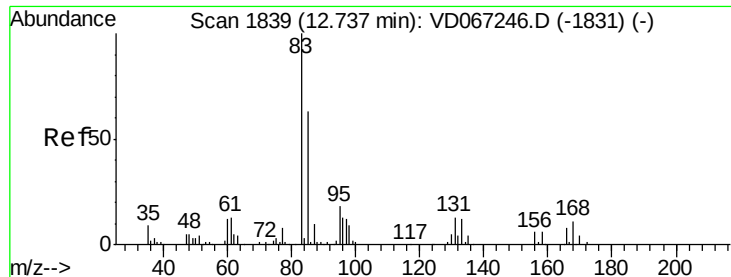
43 100

70 53.0 42.7 64.1

55 31.3 24.0 36.0

61 28.0 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.049 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

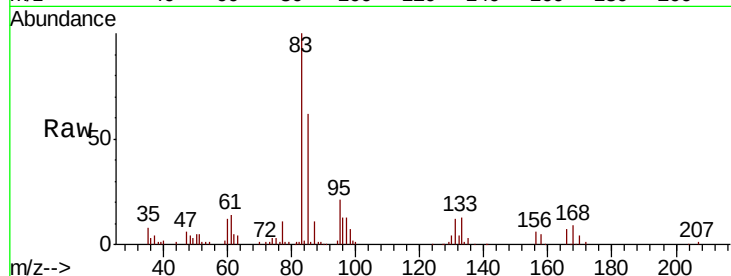
Tot Ion: 83 Resp: 94911

Ion Ratio Lower Upper

83 100

131 14.0 6.5 19.5

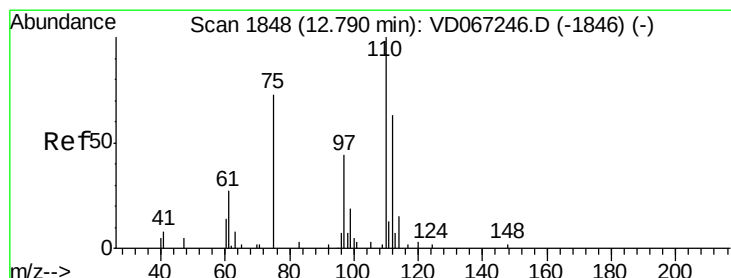
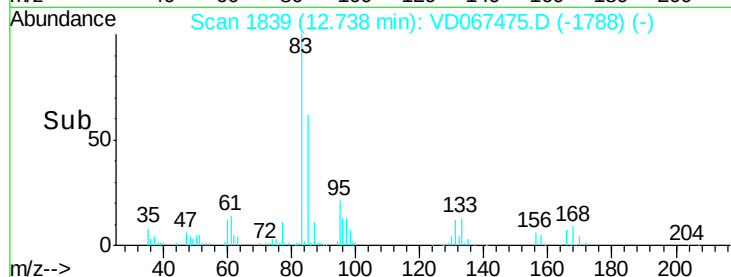
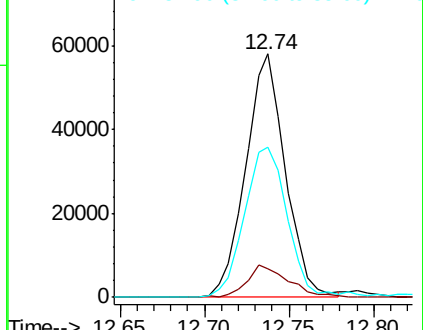
85 67.6 32.6 97.7



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: 102.275 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067475.D

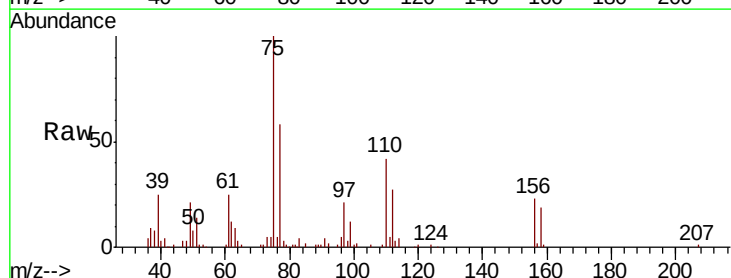
Acq: 30 Oct 2020 16:37

Tgt Ion: 75 Resp: 130416

Ion Ratio Lower Upper

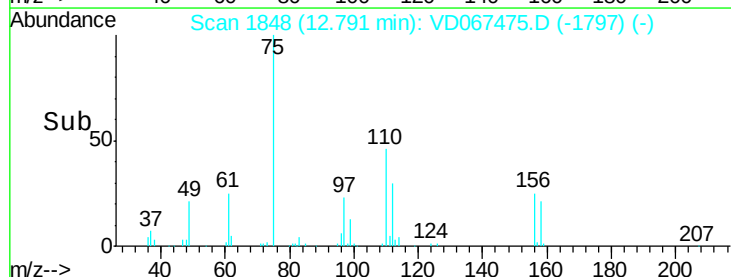
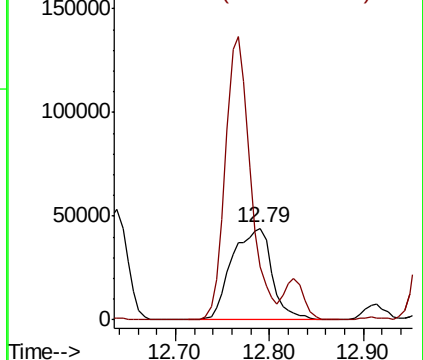
75 100

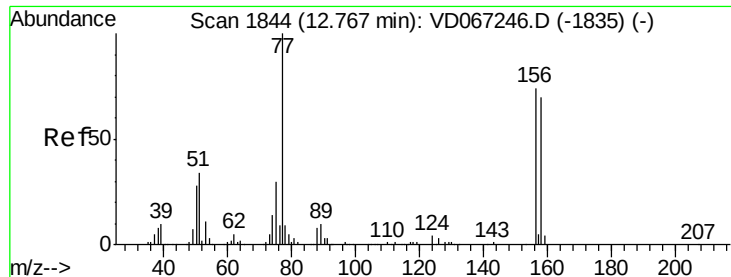
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 56.878 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

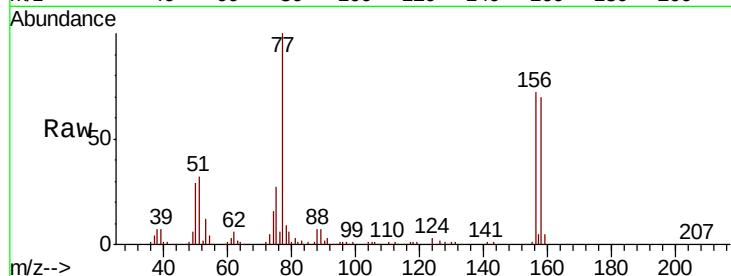
Tot Ion:156 Resp: 165576

Ion Ratio Lower Upper

156 100

77 154.8 78.0 233.8

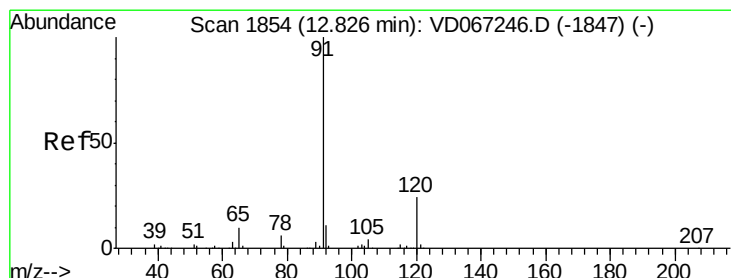
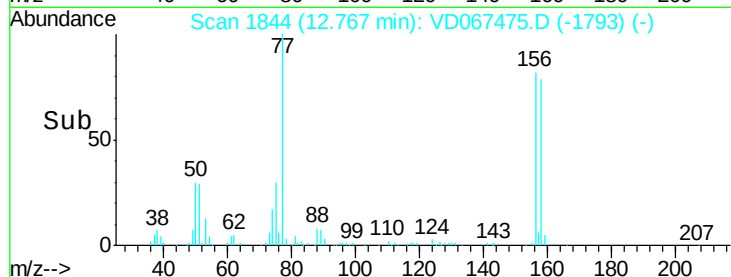
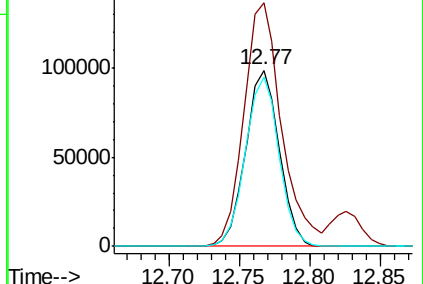
158 95.9 49.1 147.3



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: 55.100 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067475.D

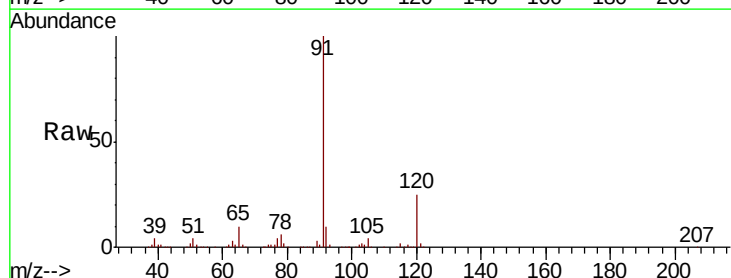
Acq: 30 Oct 2020 16:37

Tgt Ion: 91 Resp: 745434

Ion Ratio Lower Upper

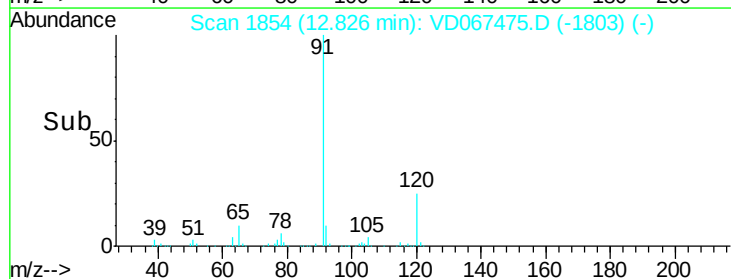
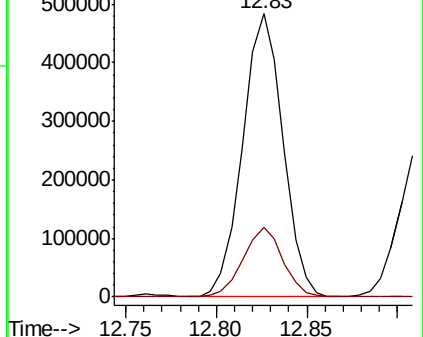
91 100

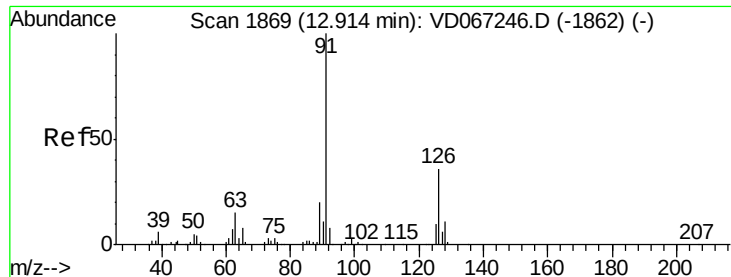
120 24.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.077 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

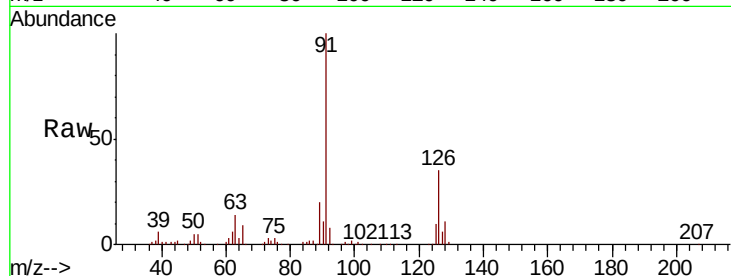
B308-B309-LOC2-SO-0003MS

Tot Ion: 91 Resp: 439961

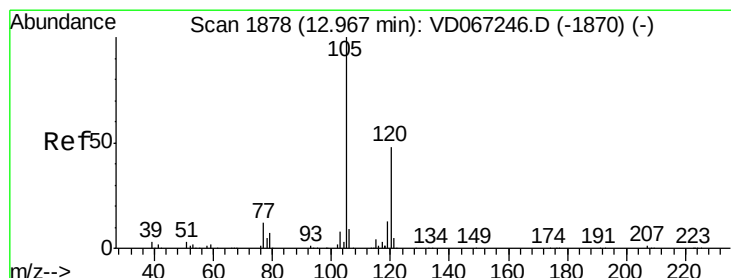
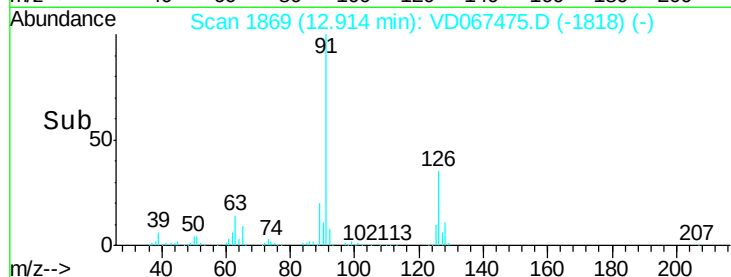
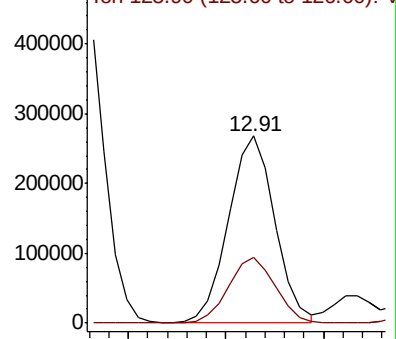
Ion Ratio Lower Upper

91 100

126 35.3 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VD067475.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 56.547 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067475.D

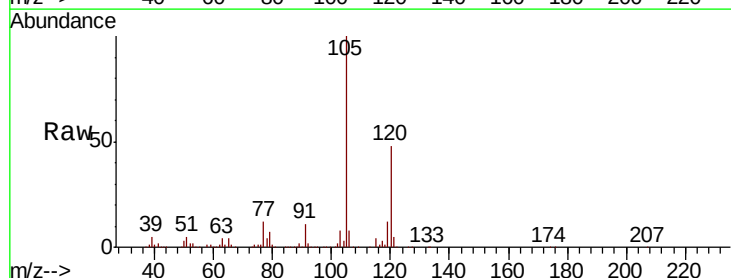
Acq: 30 Oct 2020 16:37

Tgt Ion: 105 Resp: 573777

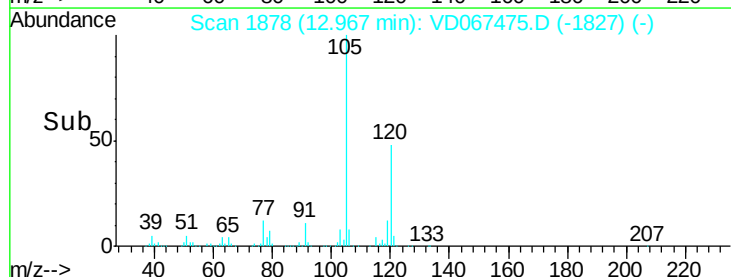
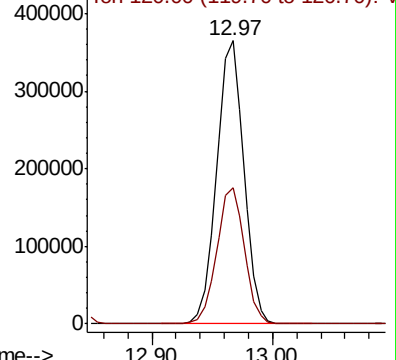
Ion Ratio Lower Upper

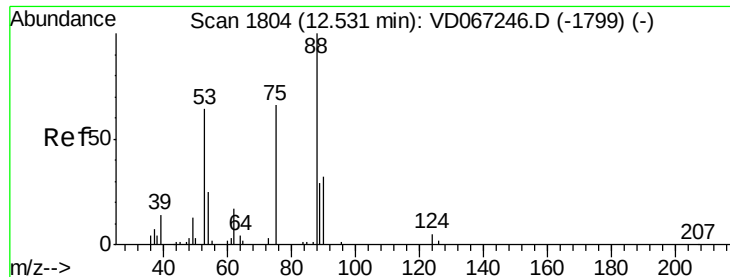
105 100

120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067475.D (-1870) (-)

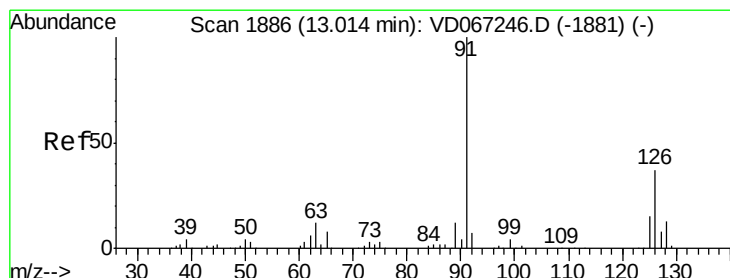
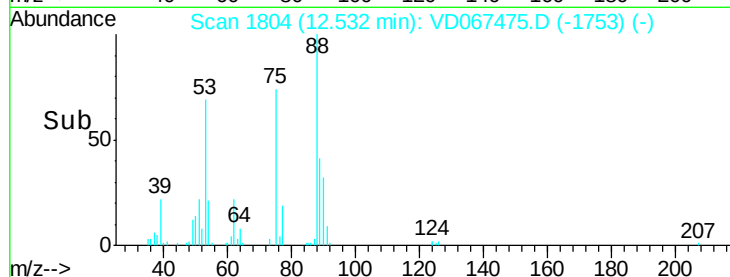
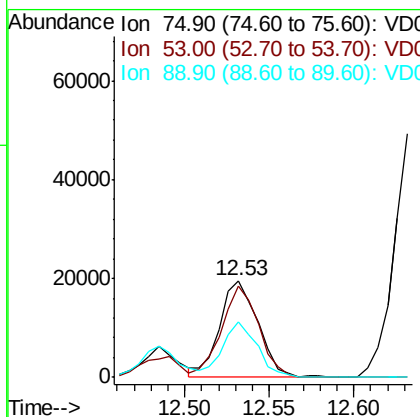
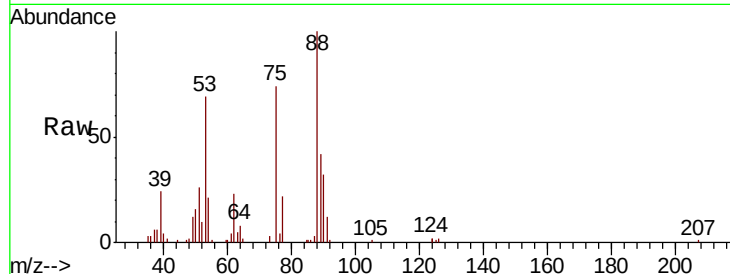




#81
trans-1,4-Dichloro-2-butene
Concen: 55.371 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

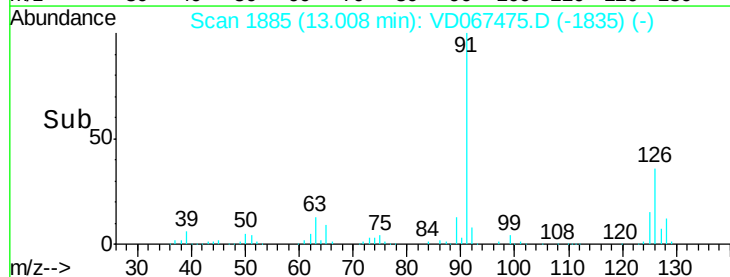
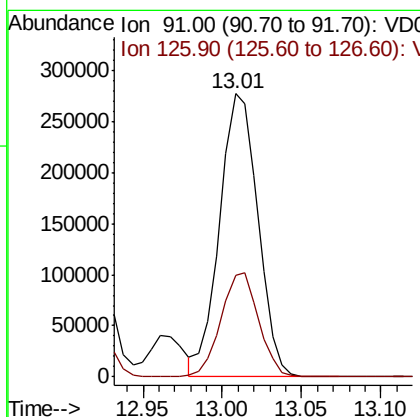
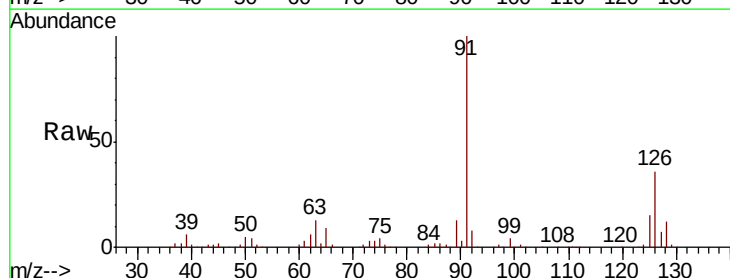
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

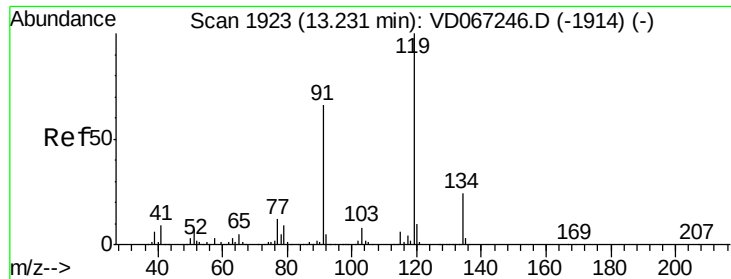
Tot Ion: 75 Resp: 31136
Ion Ratio Lower Upper
75 100
53 91.7 78.5 117.7
89 51.8 39.9 59.9



#82
4-Chlorotoluene
Concen: 55.837 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion: 91 Resp: 464950
Ion Ratio Lower Upper
91 100
126 36.2 17.8 53.5

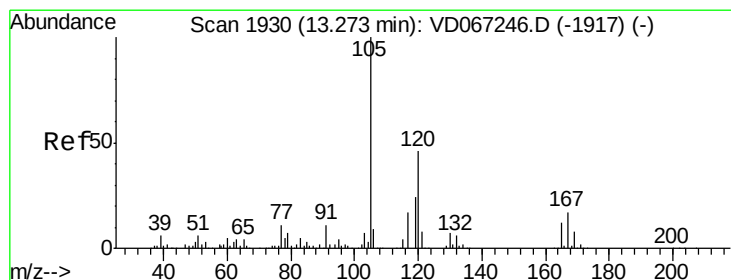
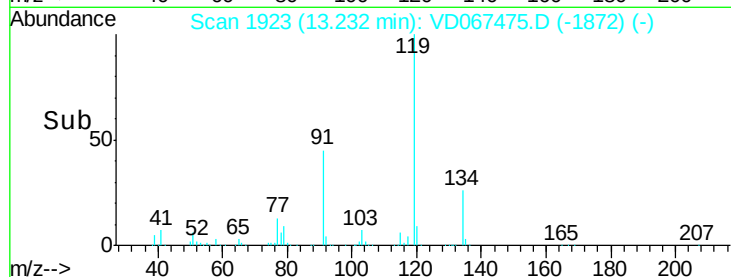
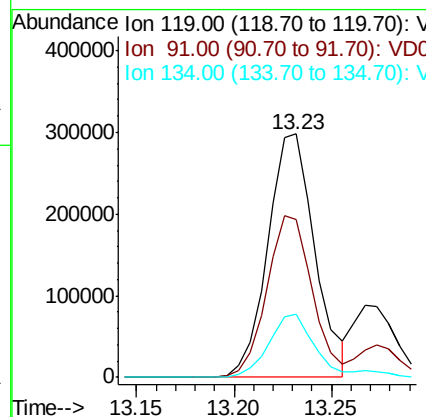
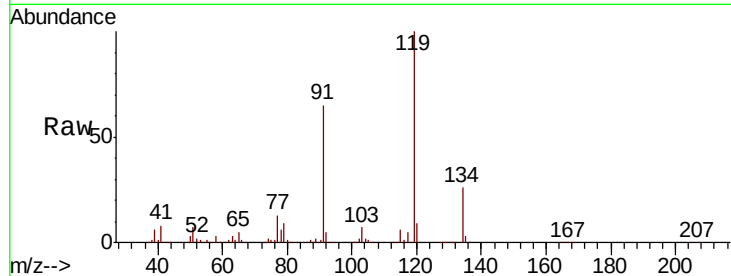




#83
 tert-Butylbenzene
 Concen: 58.092 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

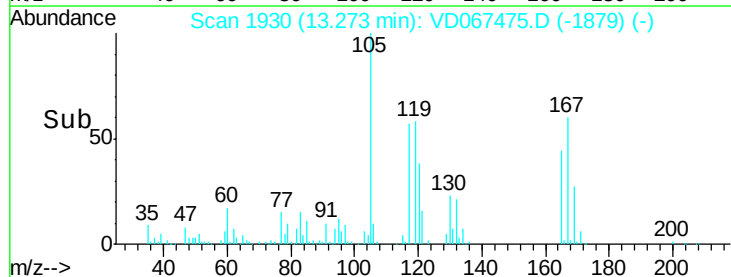
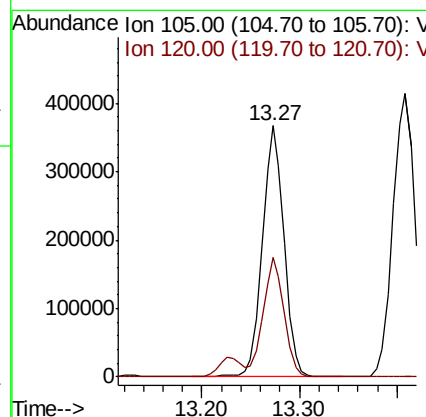
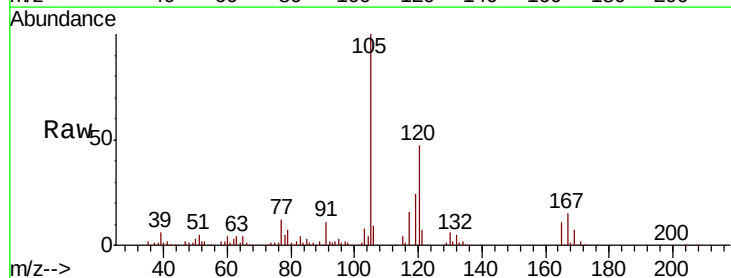
Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

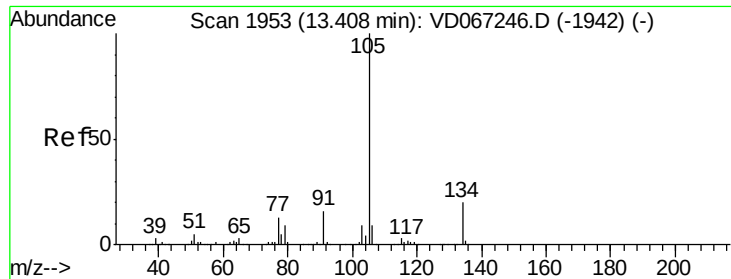
Tot Ion:119 Resp: 497919
 Ion Ratio Lower Upper
 119 100
 91 64.1 33.1 99.2
 134 26.5 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 57.121 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion:105 Resp: 572861
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.4 67.3





#85

sec-Butylbenzene

Concen: 55.320 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

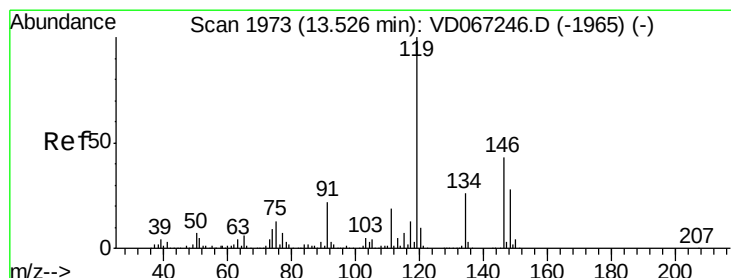
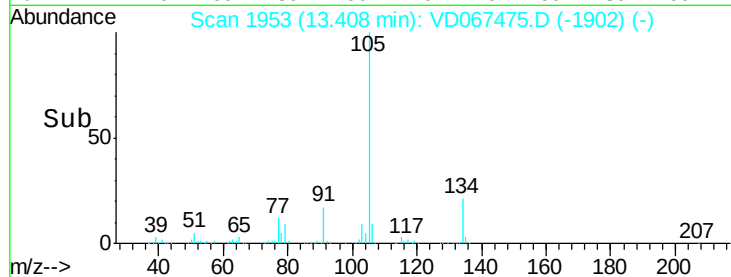
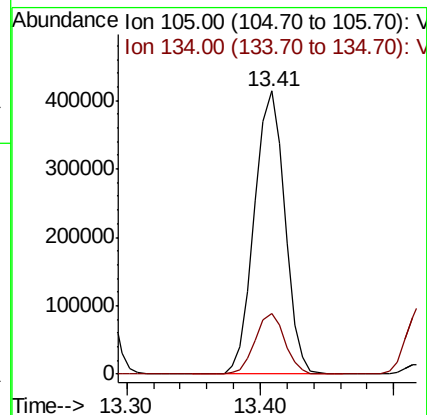
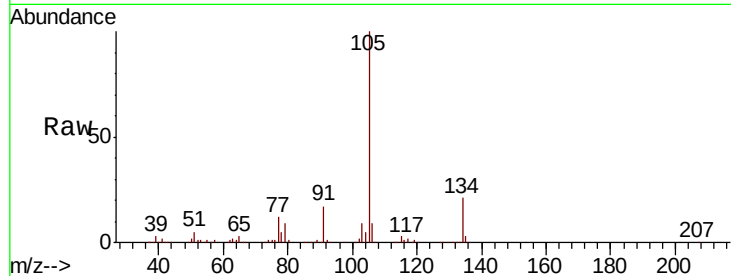
B308-B309-LOC2-SO-0003MS

Tot Ion:105 Resp: 650620

Ion Ratio Lower Upper

105 100

134 20.9 10.5 31.5



#86

p-Isopropyltoluene

Concen: 55.625 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

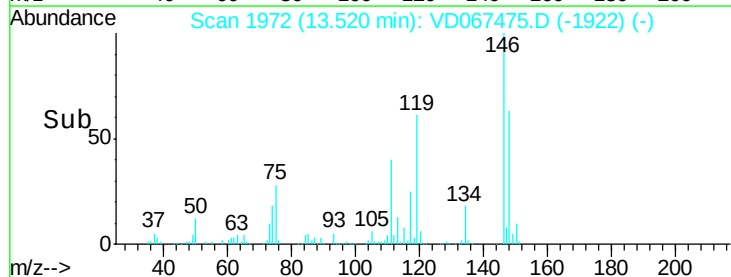
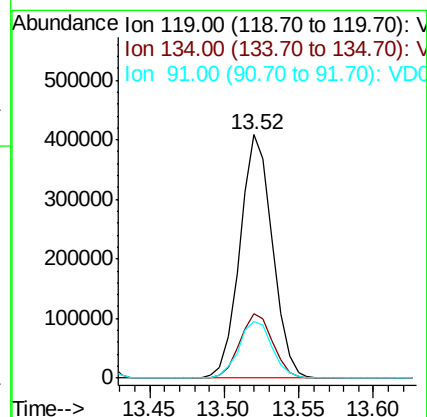
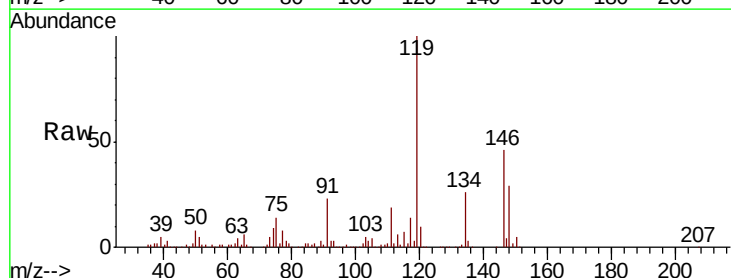
Tgt Ion:119 Resp: 617483

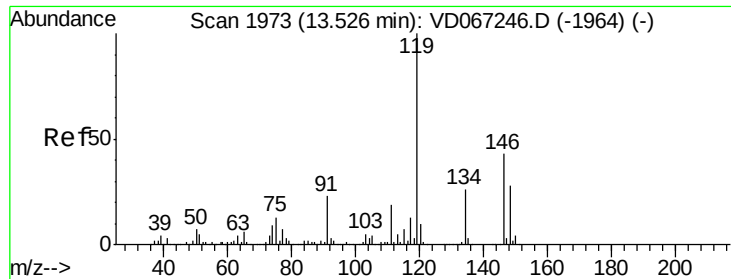
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 23.8 11.9 35.9

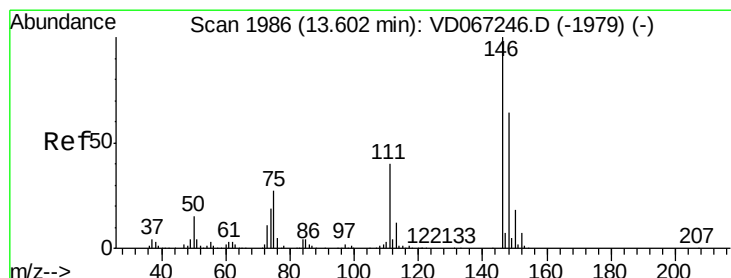
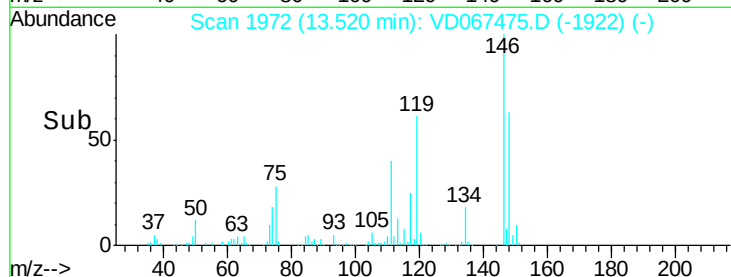
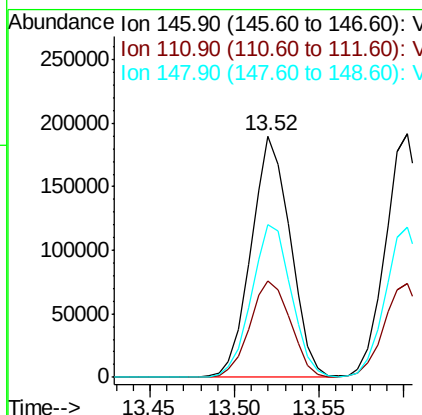
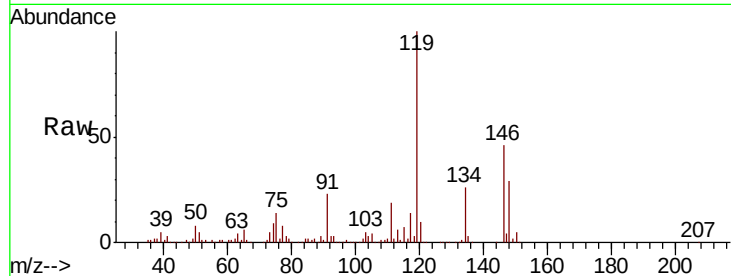




#87
 1,3-Dichlorobenzene
 Concen: 54.779 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

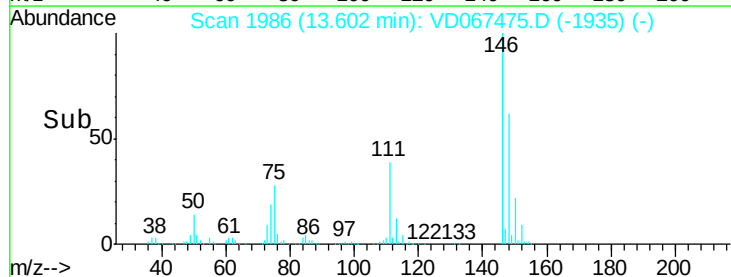
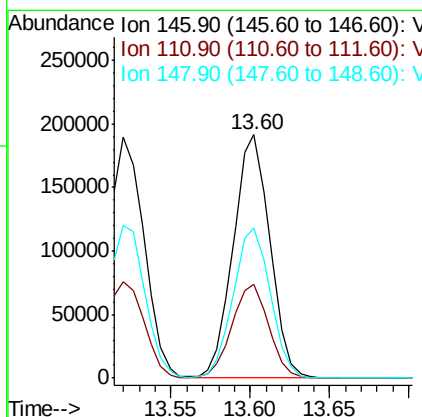
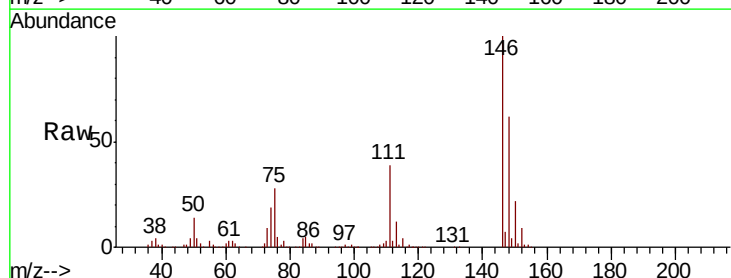
Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

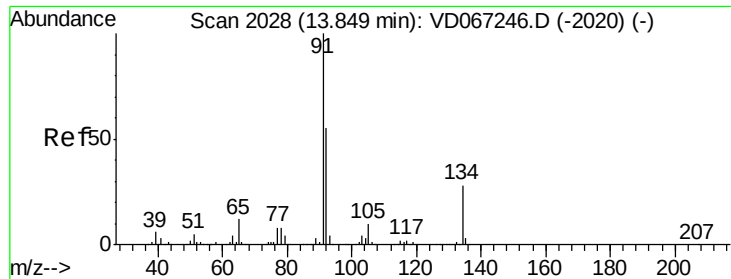
Tot Ion:146 Resp: 306935
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.1 63.3
 148 64.2 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 55.304 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion:146 Resp: 307011
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.9 59.7
 148 62.8 31.9 95.9

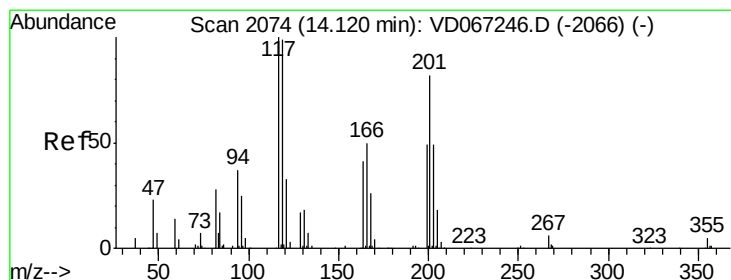
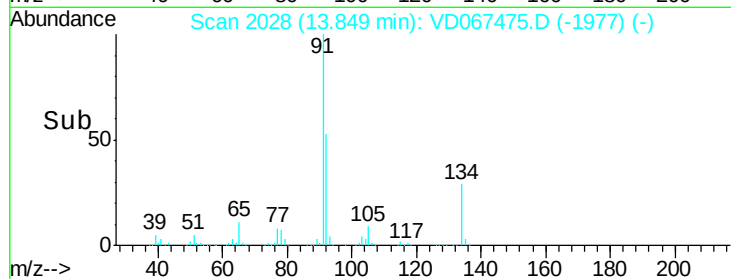
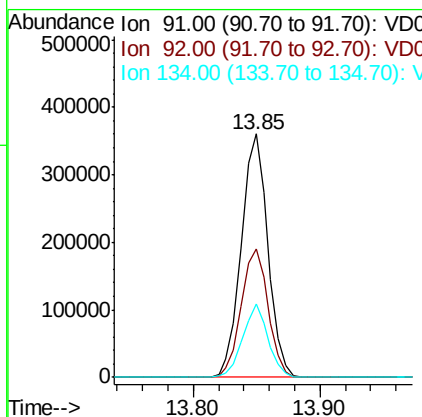
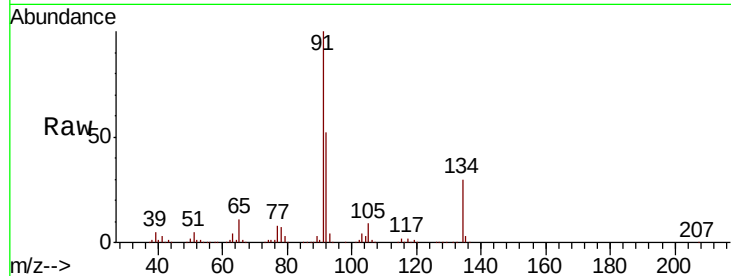




#89
n-Butylbenzene
Concen: 53.513 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

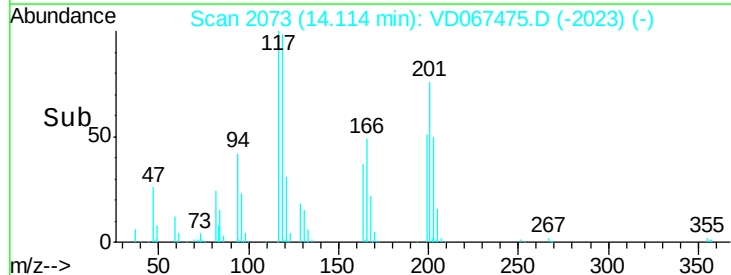
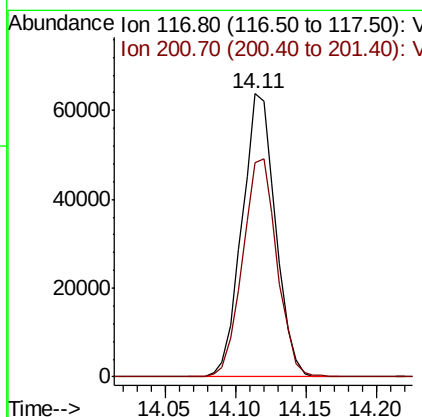
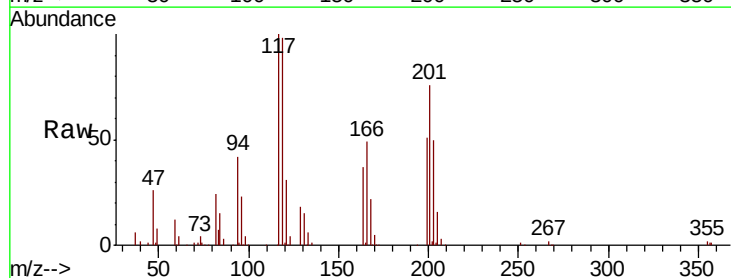
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

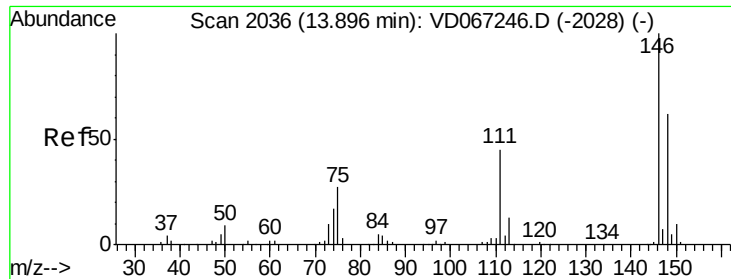
Tot Ion: 91 Resp: 522604
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.0
134 28.7 14.2 42.6



#90
Hexachloroethane
Concen: 54.834 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion: 117 Resp: 106222
Ion Ratio Lower Upper
117 100
201 78.9 40.8 122.2

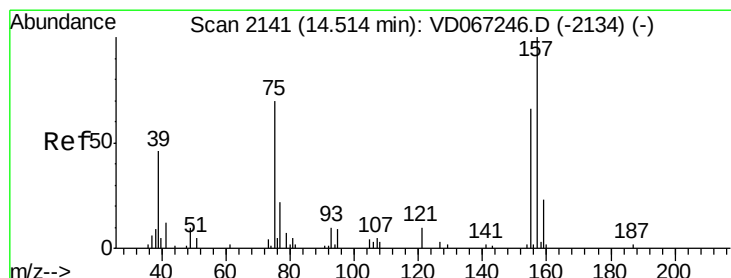
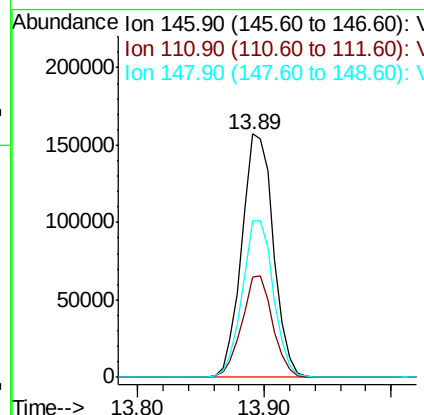
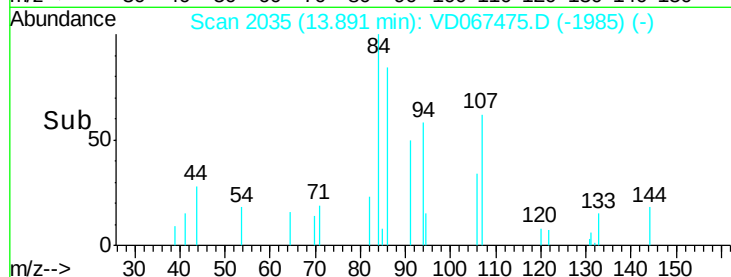
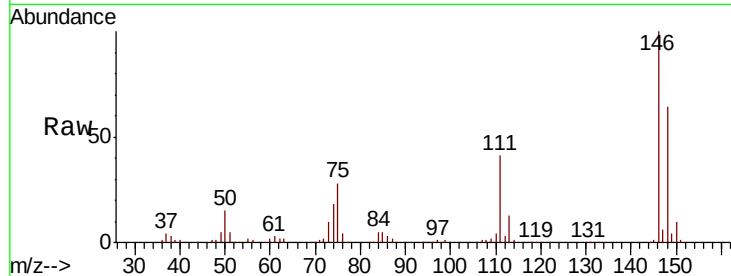




#91
 1,2-Dichlorobenzene
 Concen: 55.484 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

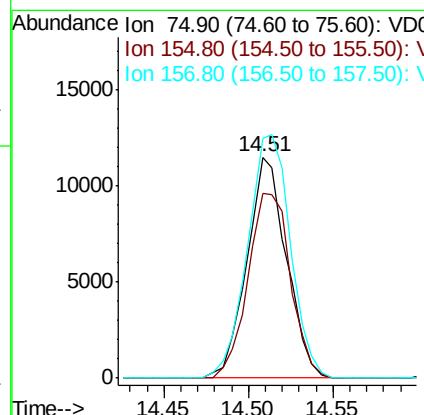
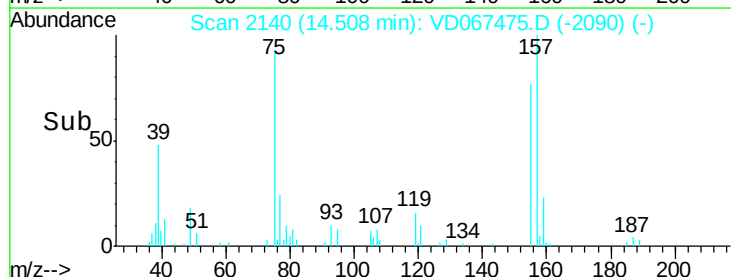
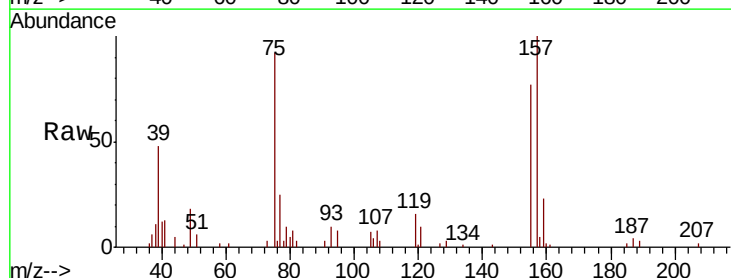
Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

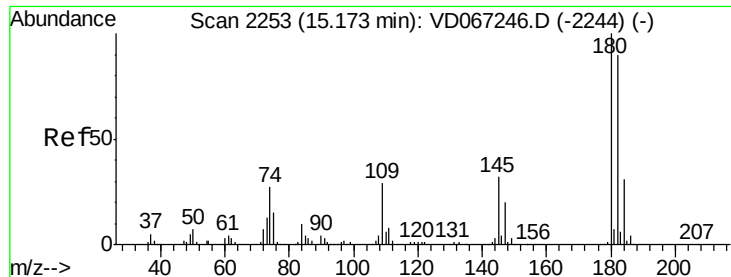
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	22.0	66.0
148	63.6	32.5	97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.588 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.7	44.8	134.4
157	119.4	62.5	187.4

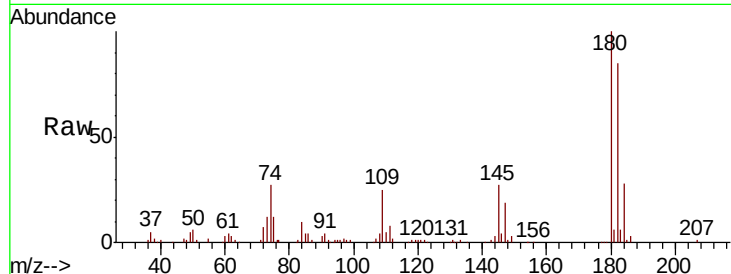




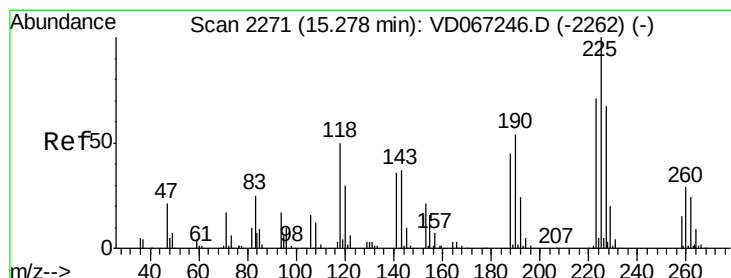
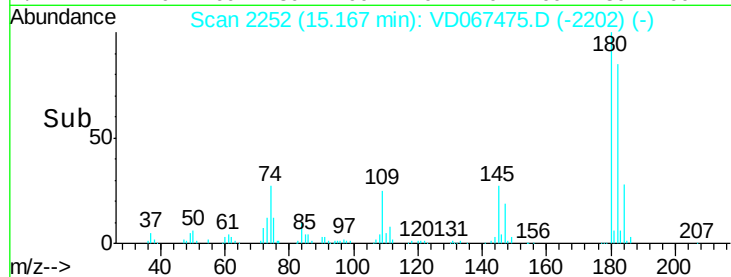
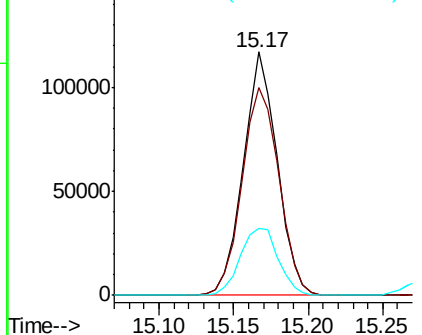
#93
 1,2,4-Trichlorobenzene
 Concen: 55.718 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	48.1	144.4
145	31.1	16.3	48.9

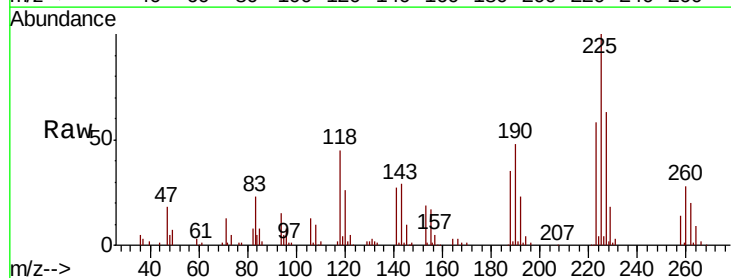


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

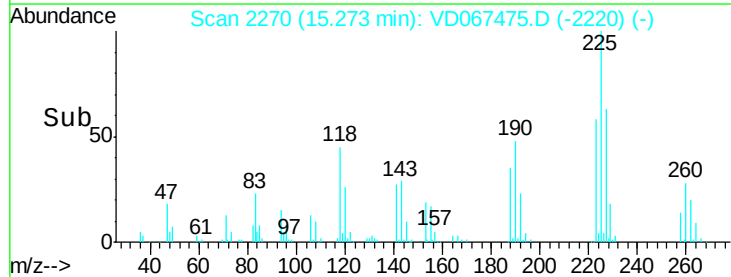
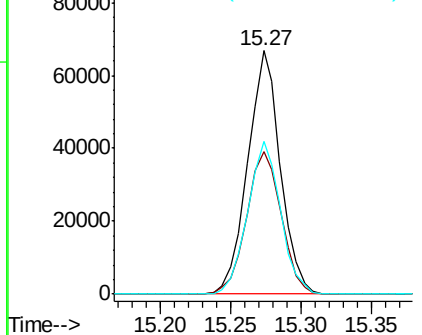


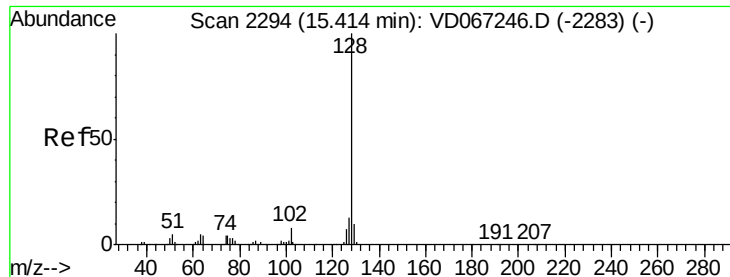
#94
 Hexachlorobutadiene
 Concen: 52.822 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.9	95.7
227	63.4	31.2	93.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

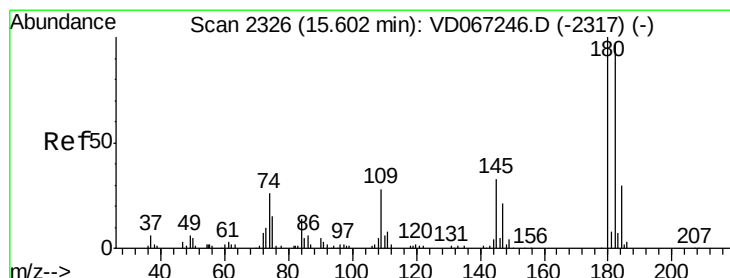
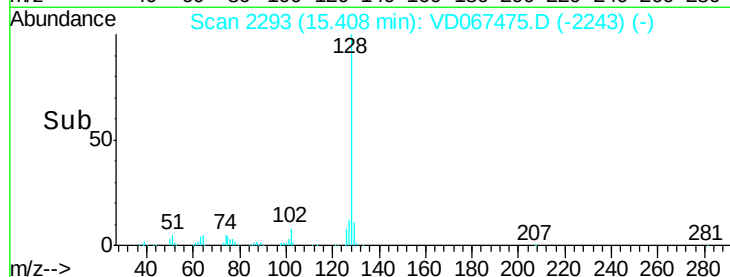
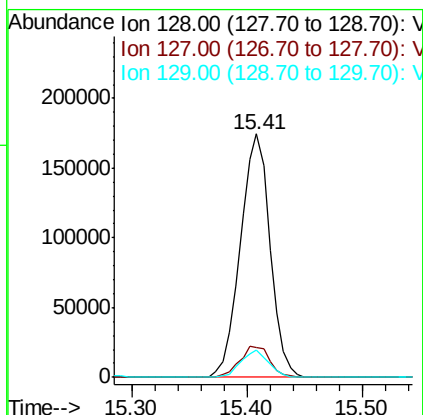
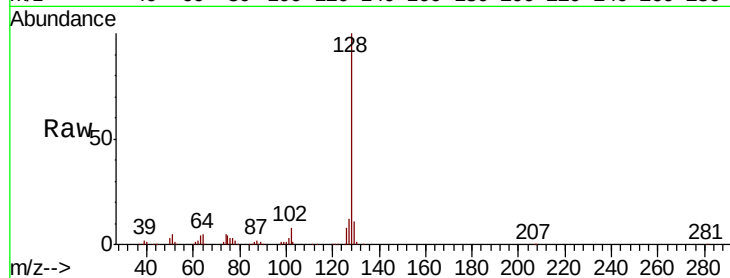




#95
Naphthalene
Concen: 57.415 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion:128 Resp: 311101
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 55.752 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion:180 Resp: 158956
Ion Ratio Lower Upper
180 100
182 94.0 48.1 144.3
145 33.9 17.3 51.9

