

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101320\
 Data File : VD067248.D
 Acq On : 13 Oct 2020 12:43
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 13 12:59:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 13 12:22:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	338564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	513946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	472042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	236222	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	483097	138.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	277.78%	
35) Dibromofluoromethane	7.91	113	506283	147.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.88%	
50) Toluene-d8	10.34	98	1811880	145.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.36%	
62) 4-Bromofluorobenzene	12.64	95	631690	145.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	384064	115.578	ug/l	96
3) Chloromethane	2.21	50	294151	131.997	ug/l	99
4) Vinyl Chloride	2.34	62	317554	128.917	ug/l	98
5) Bromomethane	2.74	94	240724	124.694	ug/l	99
6) Chloroethane	2.91	64	195447	126.777	ug/l	95
7) Trichlorofluoromethane	3.27	101	797496	128.834	ug/l	97
8) Diethyl Ether	3.71	74	195032	141.391	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	421712	128.276	ug/l	99
10) Methyl Iodide	4.30	142	500205	184.153	ug/l	98
11) Tert butyl alcohol	5.23	59	117143	402.109	ug/l #	90
12) 1,1-Dichloroethene	4.06	96	393373	136.060	ug/l	96
13) Acrolein	3.92	56	162659	1039.154	ug/l	99
14) Allyl chloride	4.71	41	480656	149.009	ug/l	98
15) Acrylonitrile	5.42	53	327250	719.237	ug/l	99
16) Acetone	4.16	43	336511	687.730	ug/l	96
17) Carbon Disulfide	4.41	76	1125375	136.306	ug/l	100
18) Methyl Acetate	4.71	43	150998	134.389	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	838814	150.552	ug/l	99
20) Methylene Chloride	4.96	84	431751	109.630	ug/l	88
21) trans-1,2-Dichloroethene	5.47	96	454487	137.415	ug/l	94
22) Diisopropyl ether	6.37	45	851725	143.215	ug/l	98
23) Vinyl Acetate	6.30	43	2654199	822.490	ug/l	100
24) 1,1-Dichloroethane	6.27	63	705334	136.126	ug/l	99
25) 2-Butanone	7.21	43	394358	717.394	ug/l #	87
26) 2,2-Dichloropropane	7.21	77	702040	129.786	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	500725	137.901	ug/l	98
28) Bromochloromethane	7.55	49	249485	144.324	ug/l #	98
29) Tetrahydrofuran	7.56	42	223054	736.272	ug/l	97
30) Chloroform	7.71	83	832666	133.998	ug/l	95
31) Cyclohexane	7.98	56	510585	122.694	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	817892	134.100	ug/l	99
36) 1,1-Dichloropropene	8.11	75	601707	133.827	ug/l	100
37) Ethyl Acetate	7.29	43	180397	138.399	ug/l #	92
38) Carbon Tetrachloride	8.10	117	766343	132.955	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	663158	143.856	ug/l	98
40) Benzene	8.36	78	1642198	132.559	ug/l	98
41) Methacrylonitrile	7.53	41	103267	185.677	ug/l	86
42) 1,2-Dichloroethane	8.43	62	518088	133.852	ug/l	100
43) Isopropyl Acetate	8.46	43	377940	147.969	ug/l	99
44) Trichloroethene	9.11	130	534110	134.922	ug/l	99
45) 1,2-Dichloropropane	9.39	63	394582	138.699	ug/l	97
46) Dibromomethane	9.48	93	235893	131.699	ug/l	96
47) Bromodichloromethane	9.67	83	652444	137.542	ug/l	98
48) Methyl methacrylate	9.46	41	182190	146.420	ug/l	95
49) 1,4-Dioxane	9.47	88	49035	2580.951	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	892993	688.989	ug/l	99
52) Toluene	10.41	92	1129872	134.728	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	582343	141.140	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	688555	142.442	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	319786	130.025	ug/l	96
56) Ethyl methacrylate	10.66	69	375745	156.366	ug/l	99
57) 1,3-Dichloropropane	10.95	76	523902	136.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	938990	758.629	ug/l	99
59) 2-Hexanone	10.99	43	631258	723.278	ug/l	97
60) Dibromochloromethane	11.14	129	471835	132.834	ug/l	99
61) 1,2-Dibromoethane	11.25	107	318150	132.875	ug/l	99
64) Tetrachloroethene	10.88	164	454097	126.237	ug/l	97
65) Chlorobenzene	11.67	112	1240637	132.131	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	492994	132.225	ug/l	99
67) Ethyl Benzene	11.75	91	2230082	141.165	ug/l	99
68) m/p-Xylenes	11.86	106	1680426	273.793	ug/l	100
69) o-Xylene	12.18	106	784234	138.189	ug/l	97
70) Styrene	12.20	104	1346596	138.091	ug/l	99
71) Bromoform	12.37	173	269209	135.010	ug/l #	99
73) Isopropylbenzene	12.48	105	2197138	145.450	ug/l	100
74) N-amyl acetate	12.30	43	344870	153.290	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	318906	135.044	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	433347	256.505	ug/l #	100
77) Bromobenzene	12.77	156	525183	136.590	ug/l	98
78) n-propylbenzene	12.83	91	2476596	139.406	ug/l	100
79) 2-Chlorotoluene	12.91	91	1428666	137.950	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	1858829	139.846	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	107716	148.080	ug/l	93
82) 4-Chlorotoluene	13.01	91	1477747	133.706	ug/l	100
83) tert-Butylbenzene	13.23	119	1616128	145.634	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	1855490	141.865	ug/l	100
85) sec-Butylbenzene	13.41	105	2170648	141.046	ug/l	100
86) p-Isopropyltoluene	13.53	119	2030171	139.575	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	974483	129.443	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	985309	133.459	ug/l	99
89) n-Butylbenzene	13.85	91	1825187	143.815	ug/l	99
90) Hexachloroethane	14.12	117	367095	145.469	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	864692	132.771	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	60150	141.409	ug/l	95

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Quant Title : SW846 8260
QLast Update : Tue Oct 13 12:22:10 2020
Response via : Initial Calibration

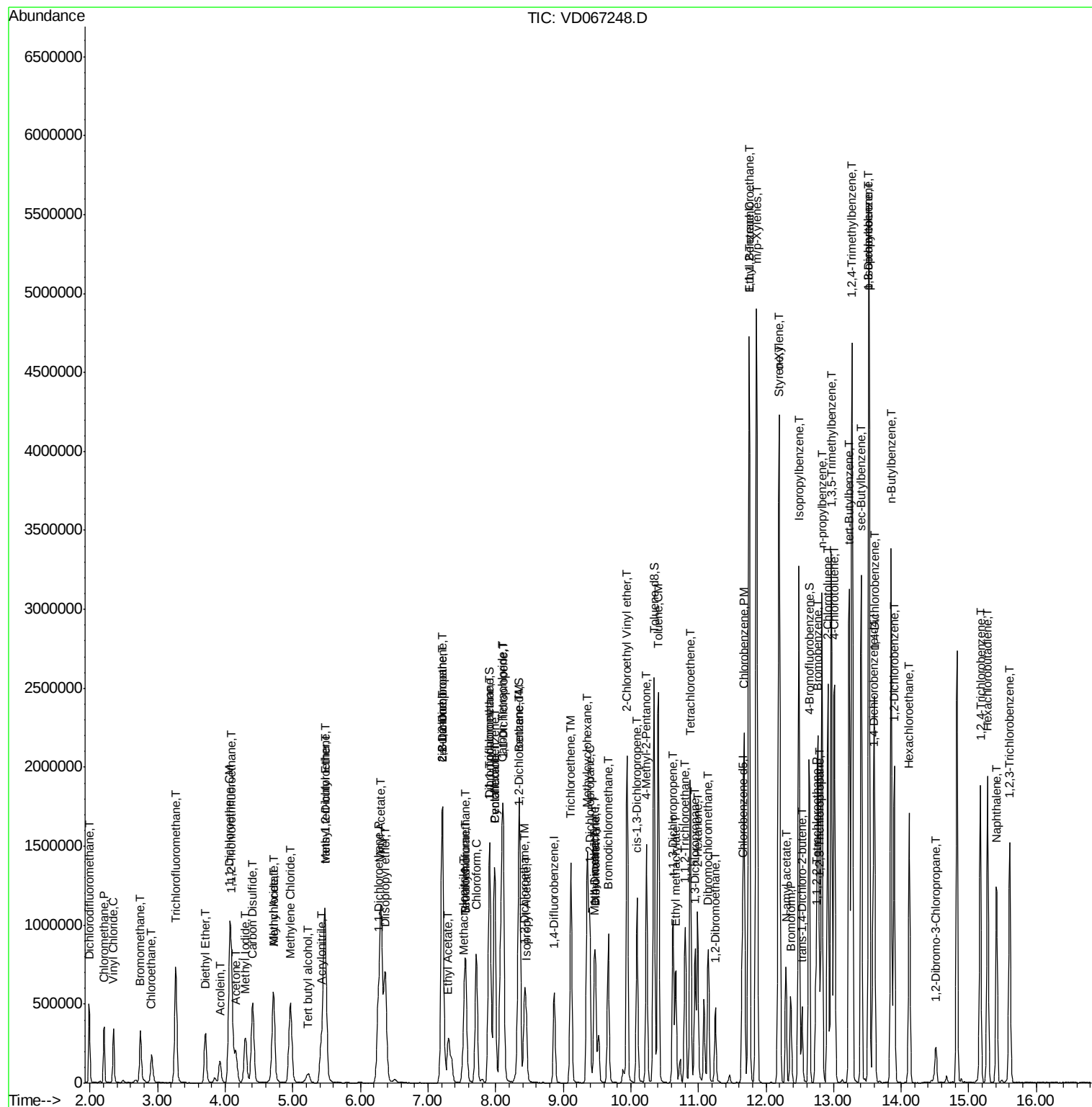
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	637316	150.398	ug/l	99
94) Hexachlorobutadiene	15.28	225	386652	145.371	ug/l	98
95) Naphthalene	15.41	128	1128244	169.631	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	554395	152.356	ug/l	98

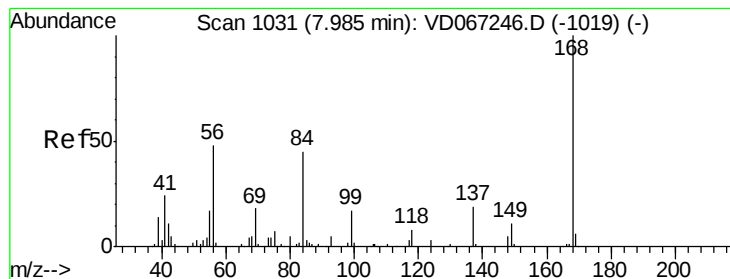
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VSTDIC150
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

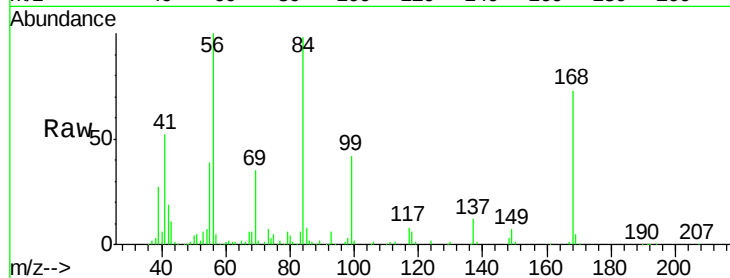
VSTDIC150

Tgt Ion:168 Resp: 338564

Ion Ratio Lower Upper

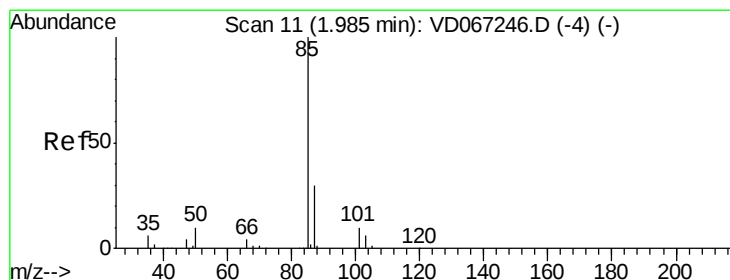
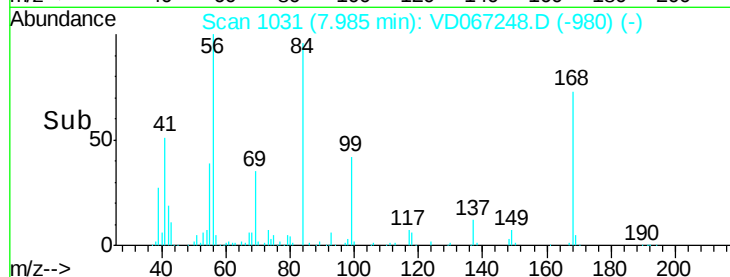
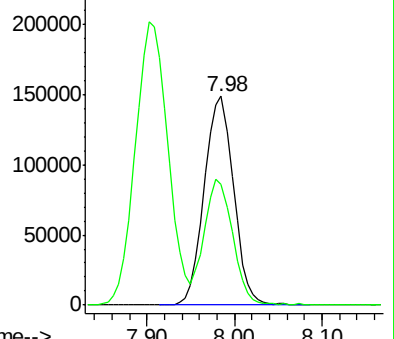
168 100

99 57.3 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: 115.578 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067248.D

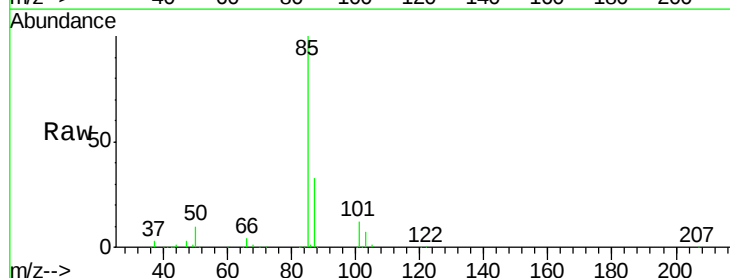
Acq: 13 Oct 2020 12:43

Tgt Ion: 85 Resp: 384064

Ion Ratio Lower Upper

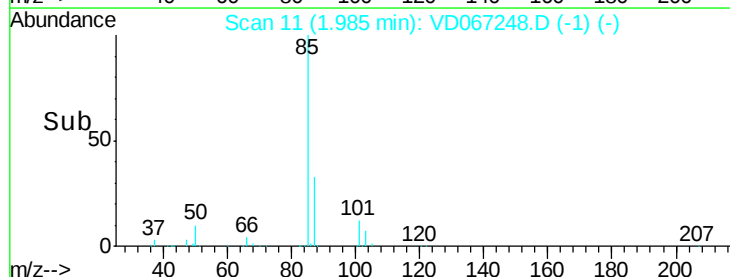
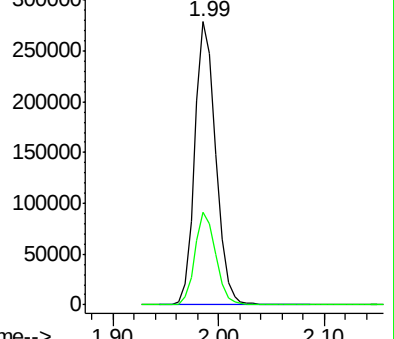
85 100

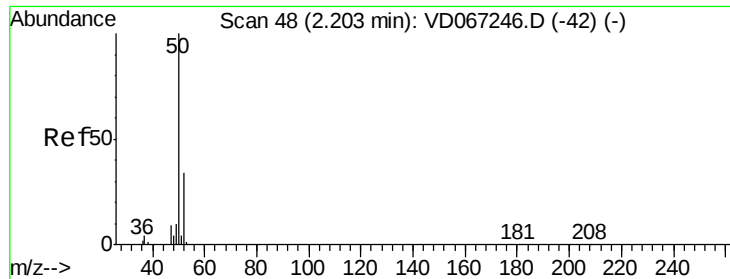
87 32.5 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 131.997 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

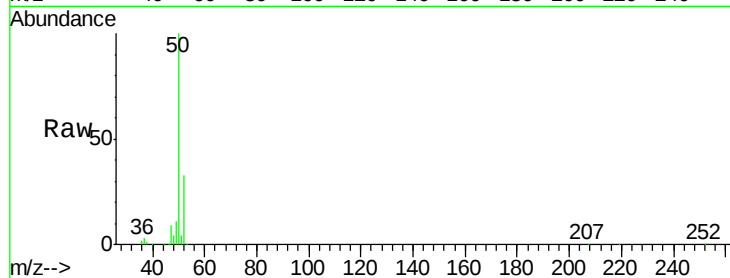
VSTDIC150

Tgt Ion: 50 Resp: 294151

Ion Ratio Lower Upper

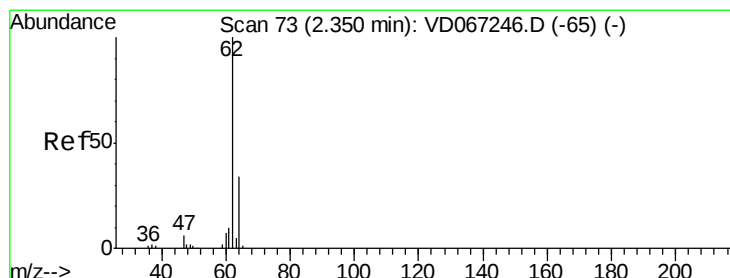
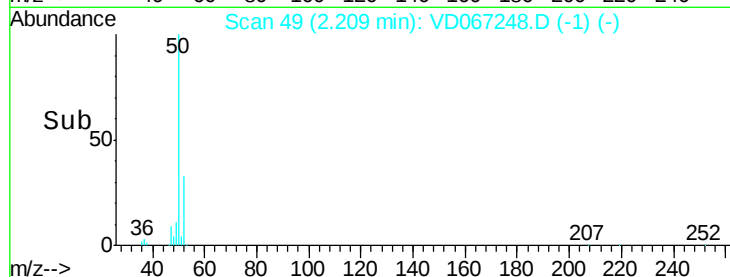
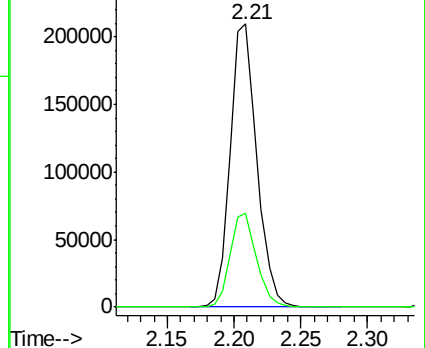
50 100

52 33.3 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 128.917 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD067248.D

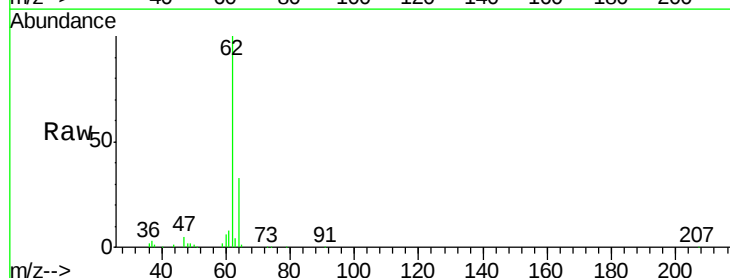
Acq: 13 Oct 2020 12:43

Tgt Ion: 62 Resp: 317554

Ion Ratio Lower Upper

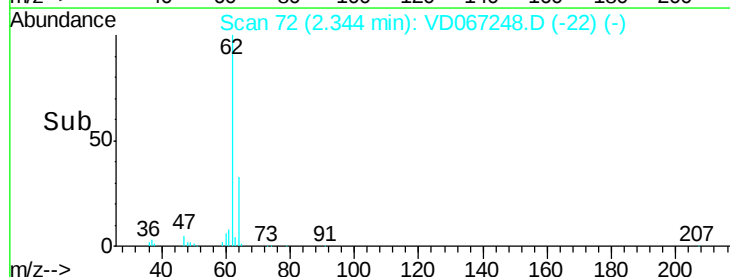
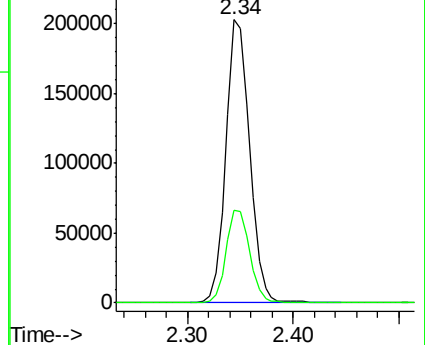
62 100

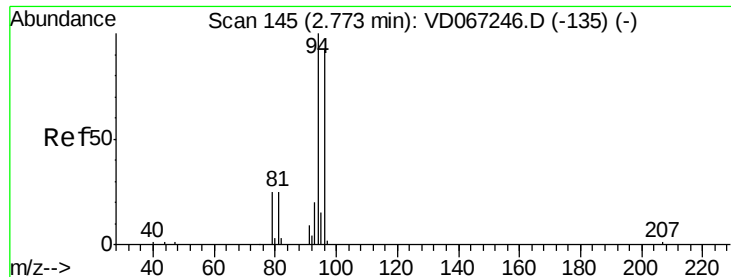
64 32.9 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 124.694 ug/l

RT: 2.74 min Scan# 140

Delta R.T. -0.03 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

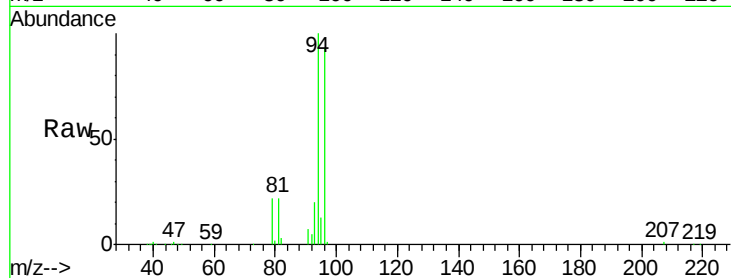
VSTDIC150

Tgt Ion: 94 Resp: 240724

Ion Ratio Lower Upper

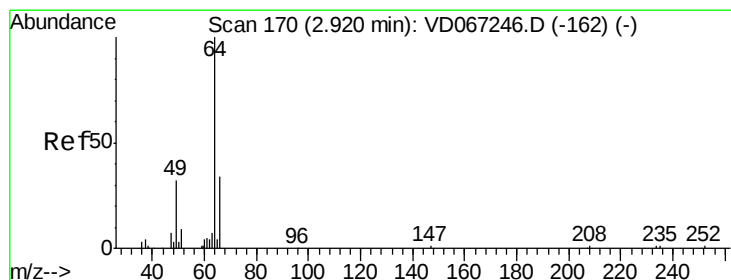
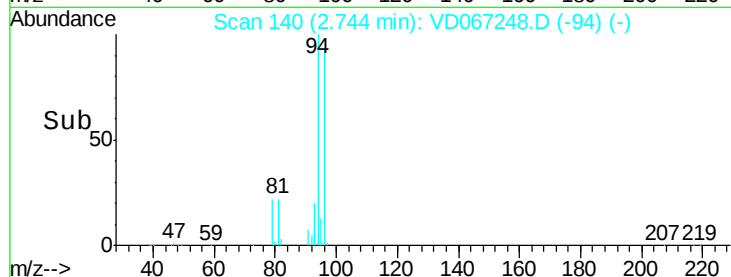
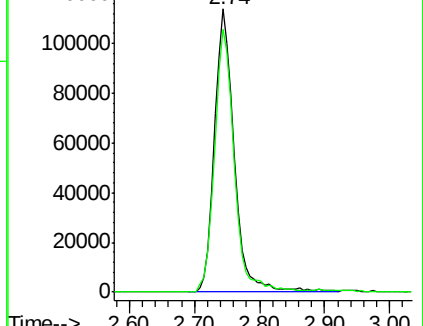
94 100

96 93.1 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: 126.777 ug/l

RT: 2.91 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD067248.D

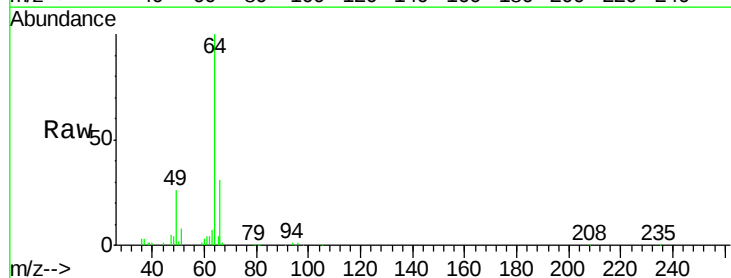
Acq: 13 Oct 2020 12:43

Tgt Ion: 64 Resp: 195447

Ion Ratio Lower Upper

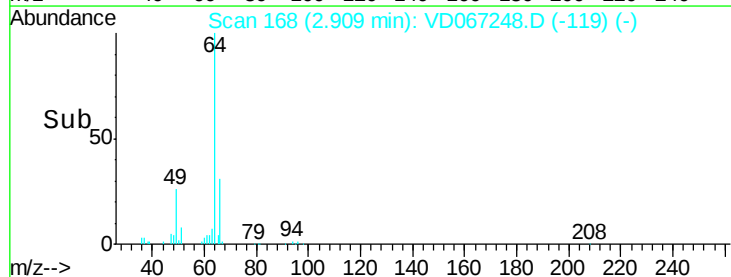
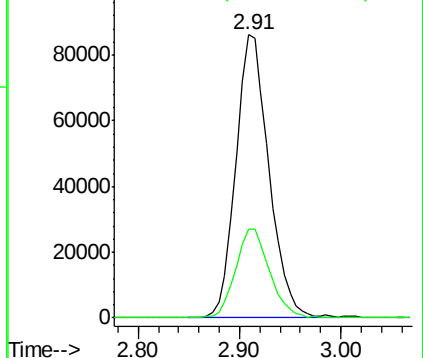
64 100

66 31.4 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



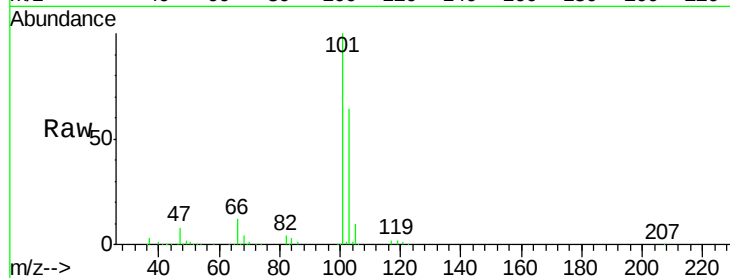


#7

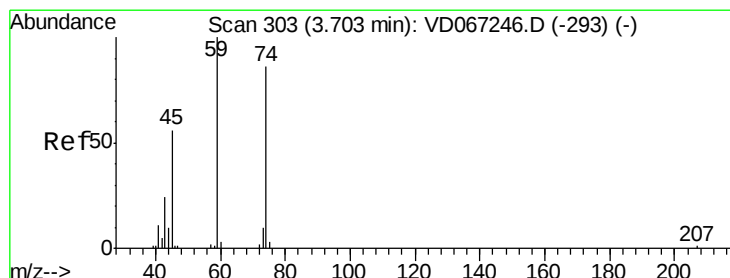
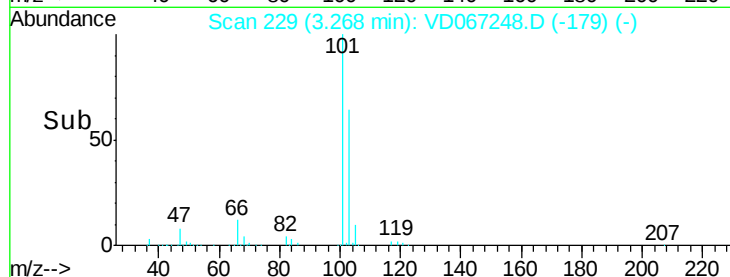
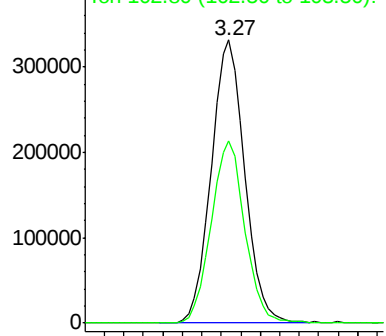
Trichlorofluoromethane
Concen: 128.834 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Instrument :
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Tgt Ion:101 Resp: 797496
Ion Ratio Lower Upper
101 100
103 64.4 53.1 79.7



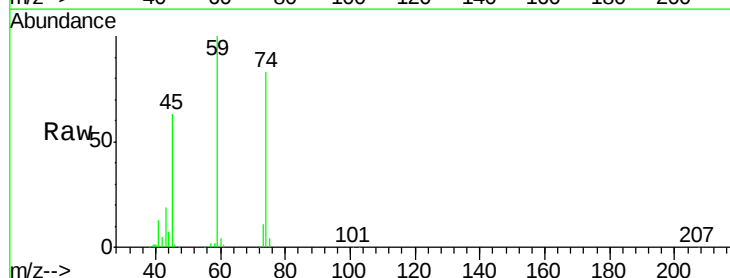
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



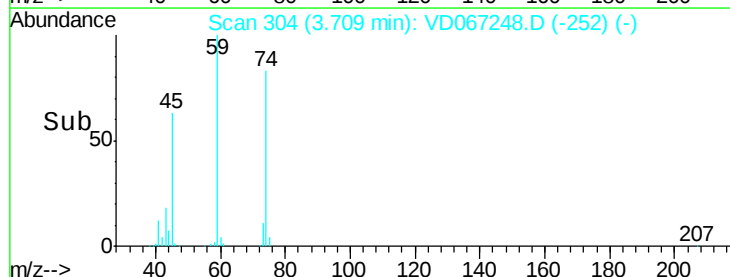
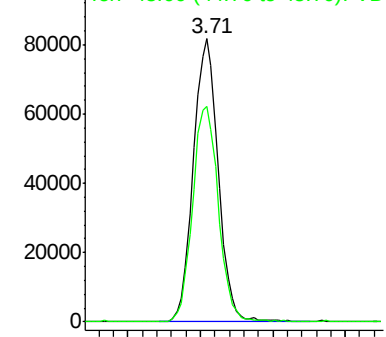
#8

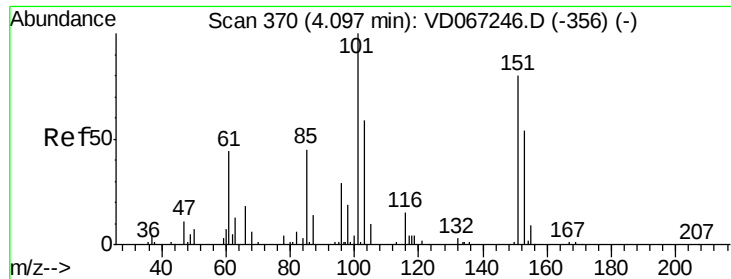
Diethyl Ether
Concen: 141.391 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Tgt Ion: 74 Resp: 195032
Ion Ratio Lower Upper
74 100
45 78.8 37.0 111.1



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 128.276 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

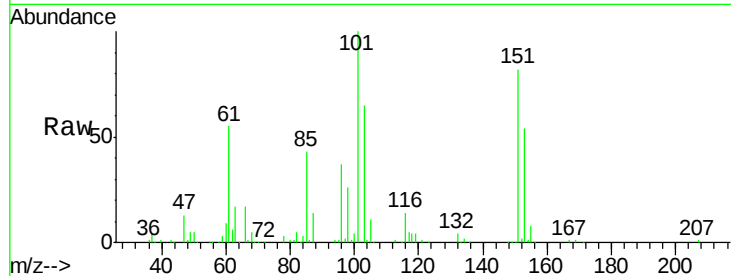
Tgt Ion:101 Resp: 421712

Ion Ratio Lower Upper

101 100

85 43.2 34.2 51.4

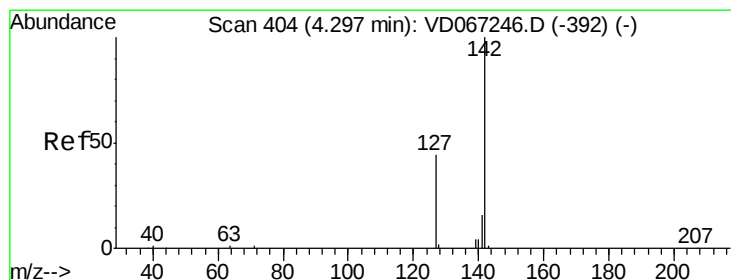
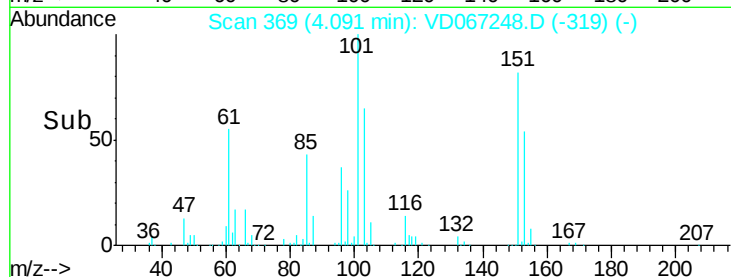
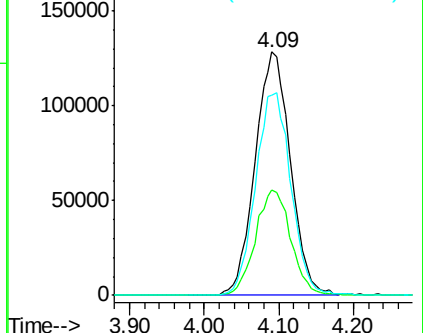
151 83.7 66.3 99.5



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: 184.153 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

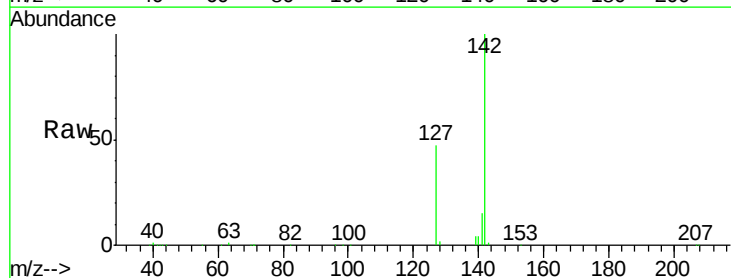
Tgt Ion:142 Resp: 500205

Ion Ratio Lower Upper

142 100

127 46.7 38.4 57.6

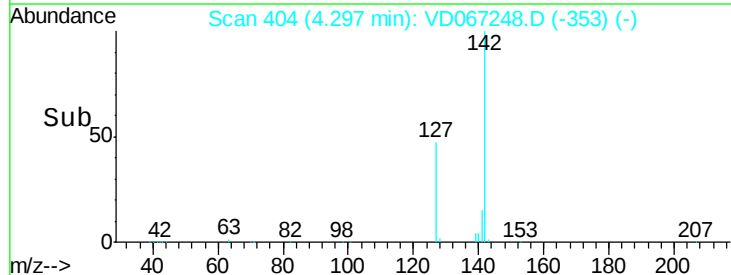
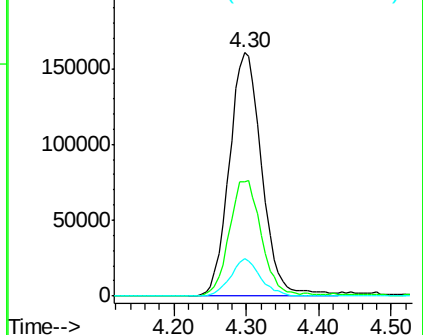
141 14.1 11.6 17.4

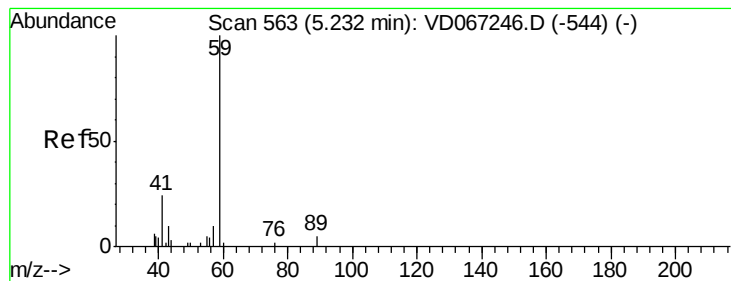


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



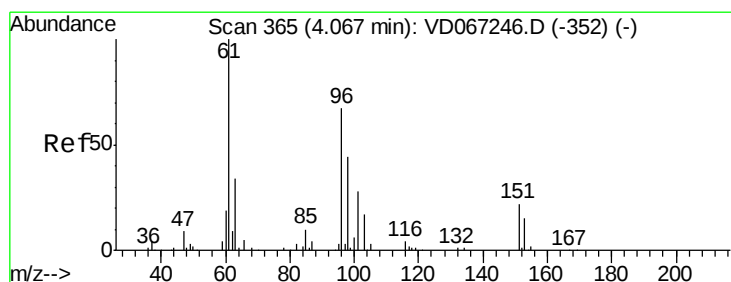
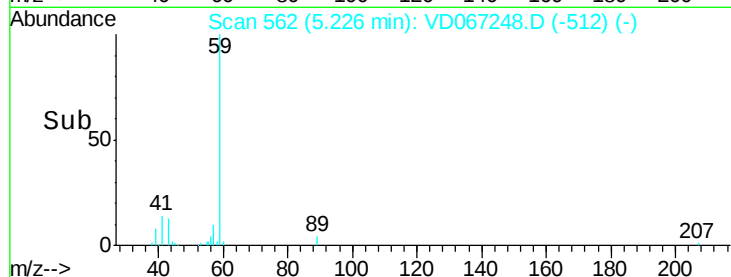
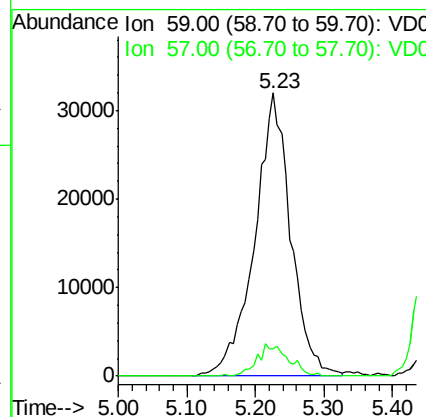
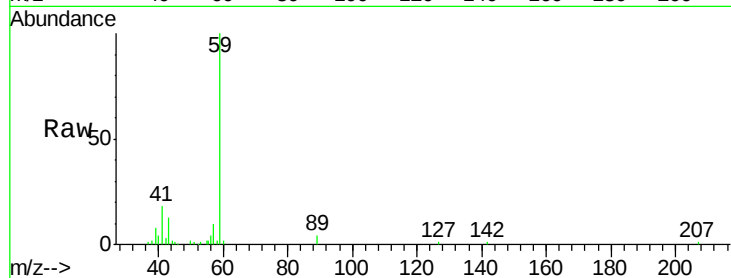


#11

Tert butyl alcohol
 Concen: 402.109 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

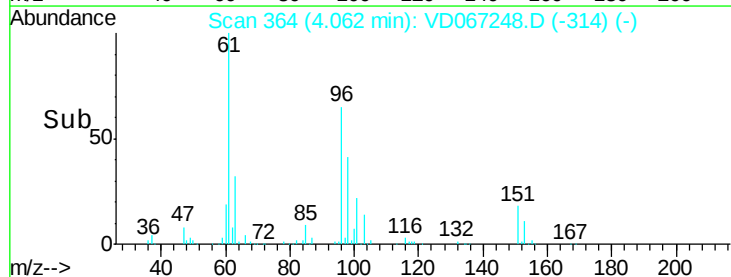
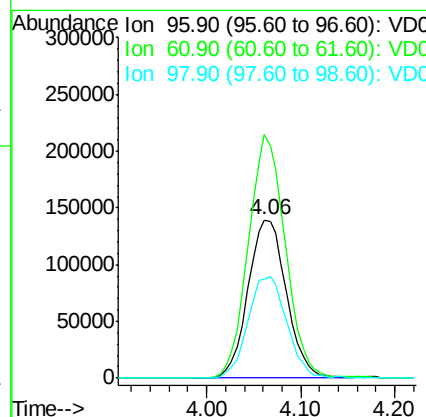
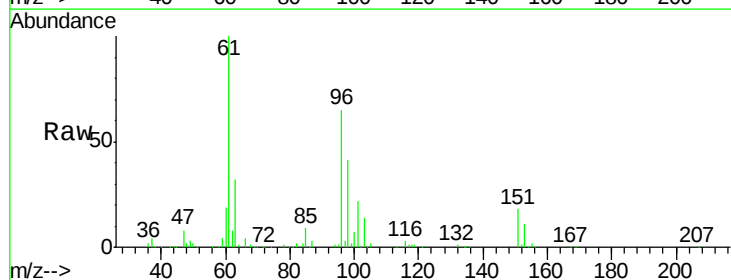
Tgt Ion: 59 Resp: 117143
 Ion Ratio Lower Upper
 59 100
 57 9.8 5.1 7.7#

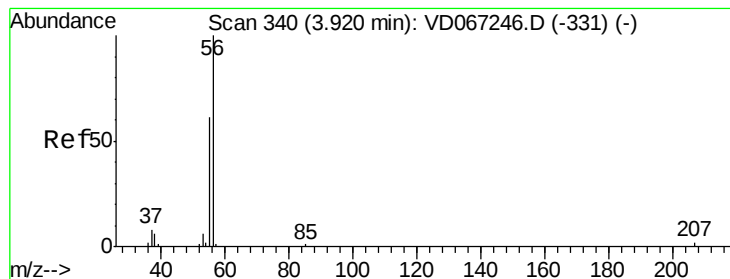


#12

1,1-Dichloroethene
 Concen: 136.060 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

Tgt Ion: 96 Resp: 393373
 Ion Ratio Lower Upper
 96 100
 61 154.1 118.6 177.8
 98 62.8 51.8 77.6





#13

Acrolein

Concen: 1039.154 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

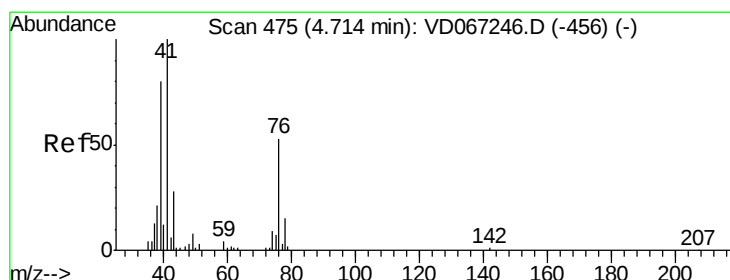
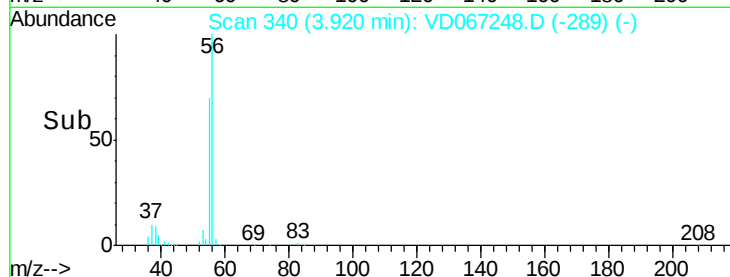
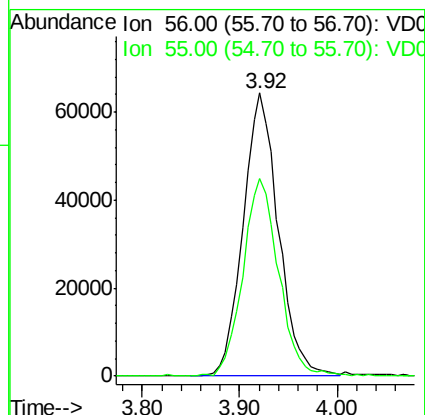
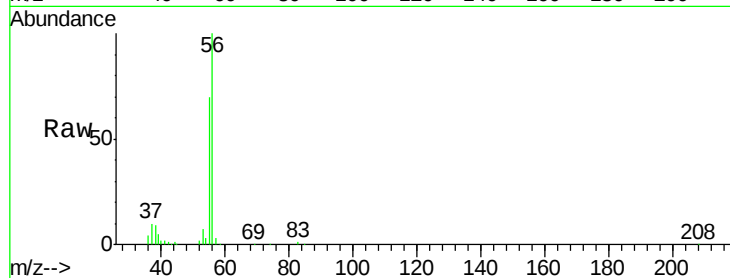
VSTDIC150

Tgt Ion: 56 Resp: 162659

Ion Ratio Lower Upper

56 100

55 71.1 56.0 84.0



#14

Allyl chloride

Concen: 149.009 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

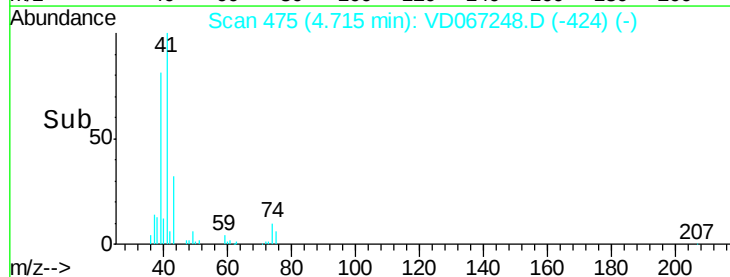
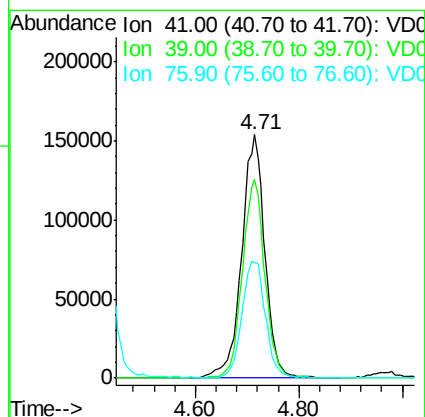
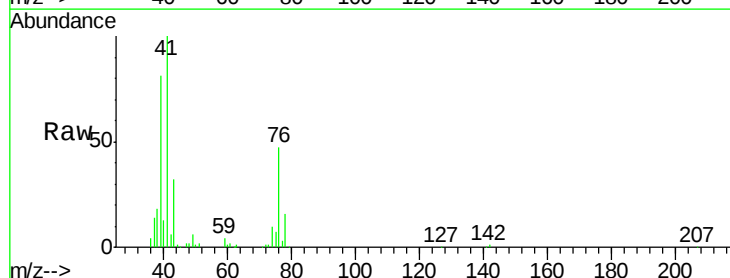
Tgt Ion: 41 Resp: 480656

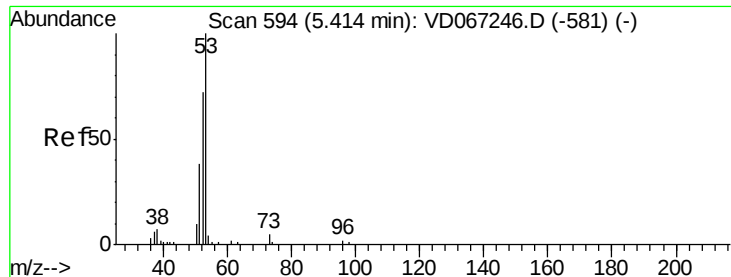
Ion Ratio Lower Upper

41 100

39 78.6 63.8 95.6

76 47.6 40.4 60.6





#15

Acrylonitrile

Concen: 719.237 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

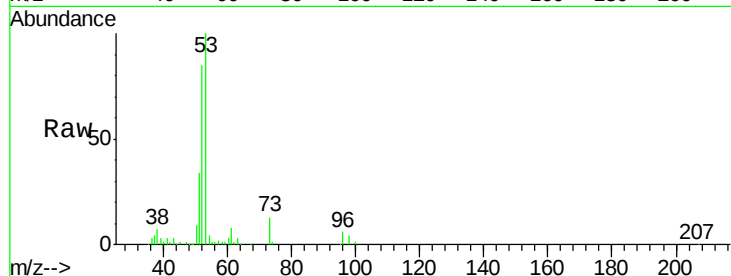
Tgt Ion: 53 Resp: 327250

Ion Ratio Lower Upper

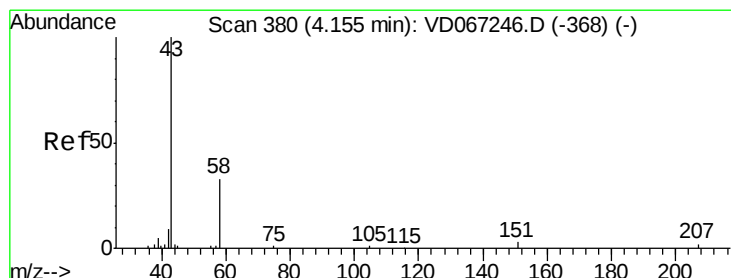
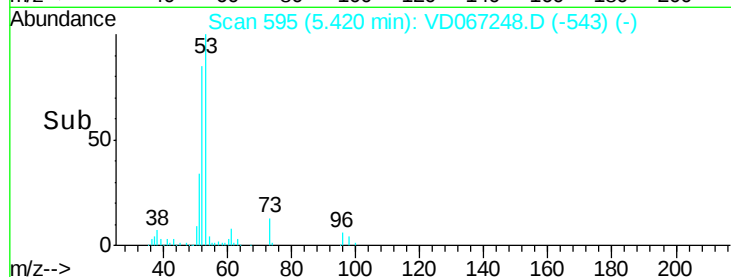
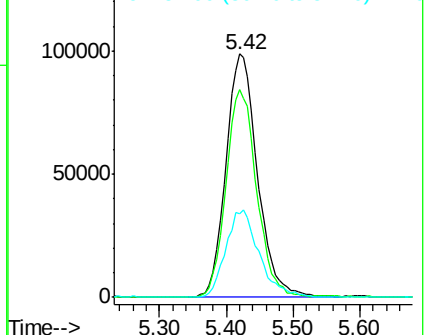
53 100

52 82.9 65.6 98.4

51 38.0 30.8 46.2



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



#16

Acetone

Concen: 687.730 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067248.D

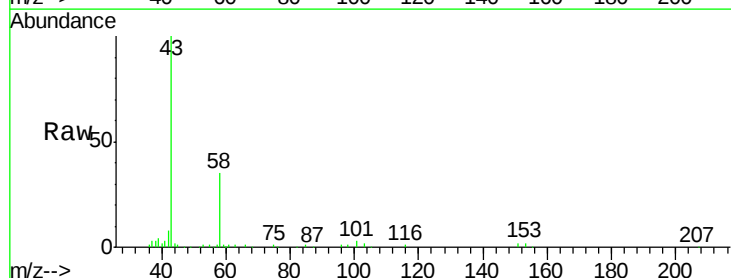
Acq: 13 Oct 2020 12:43

Tgt Ion: 43 Resp: 336511

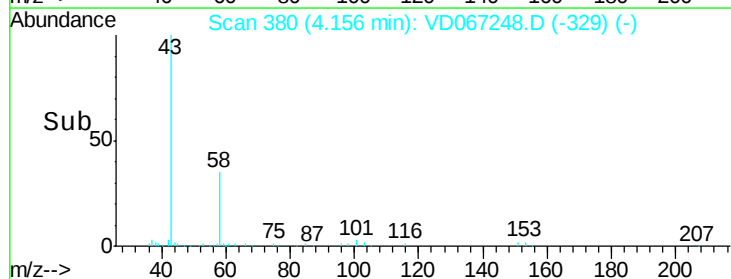
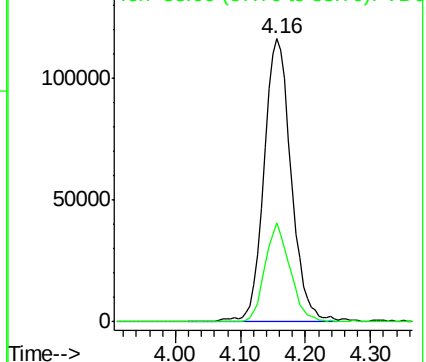
Ion Ratio Lower Upper

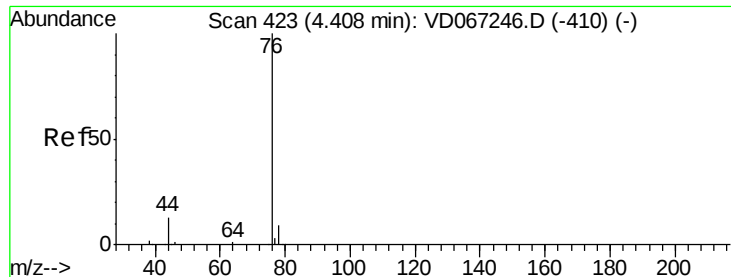
43 100

58 34.9 26.1 39.1



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

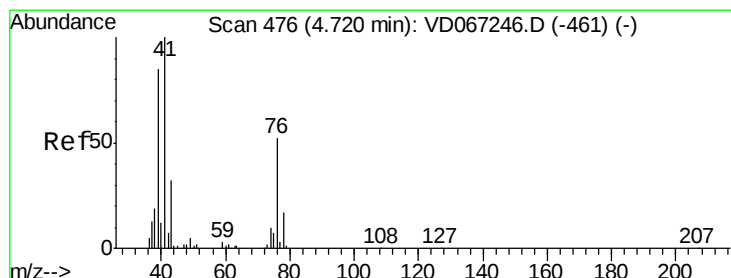
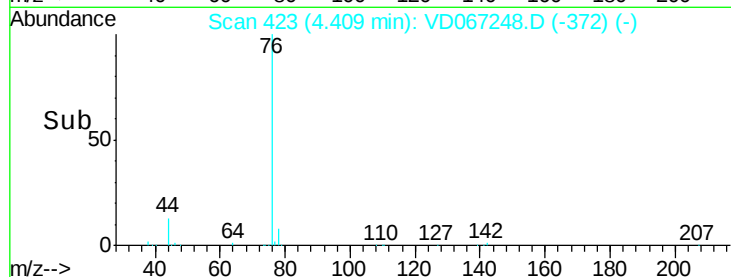
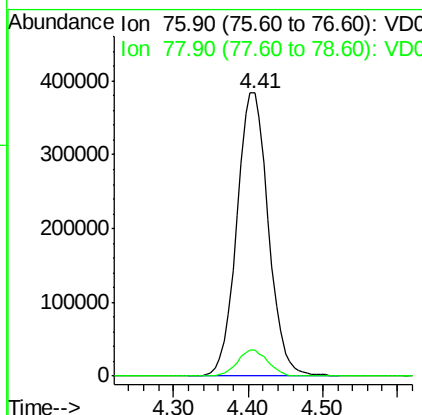
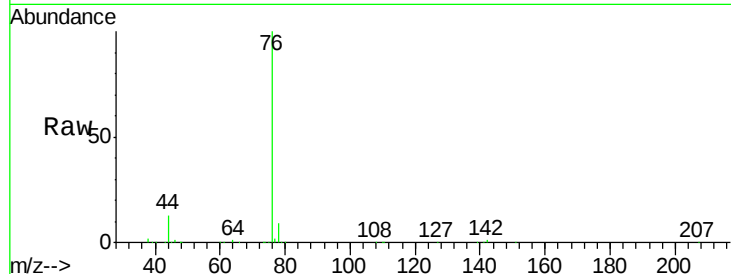




#17
Carbon Disulfide
Concen: 136.306 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

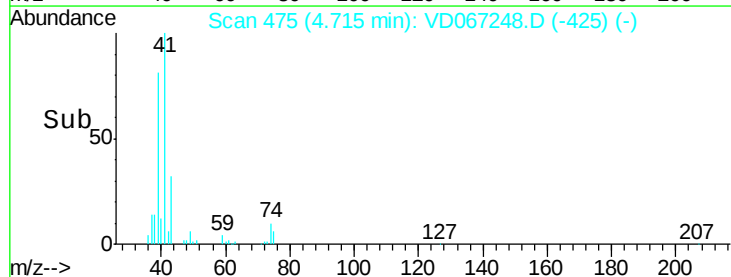
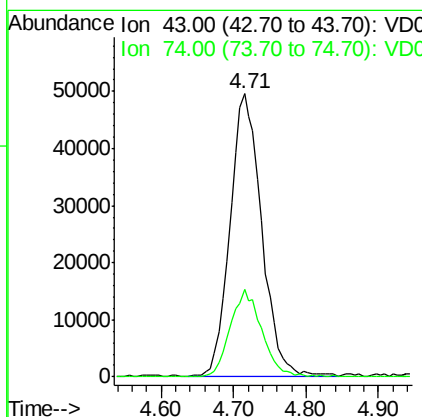
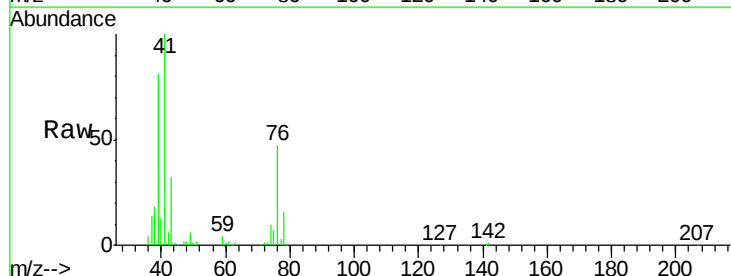
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

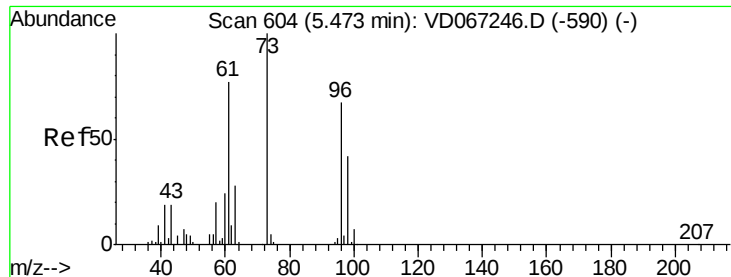
Tgt Ion: 76 Resp: 1125375
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 134.389 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Tgt Ion: 43 Resp: 150998
Ion Ratio Lower Upper
43 100
74 30.4 26.6 39.8



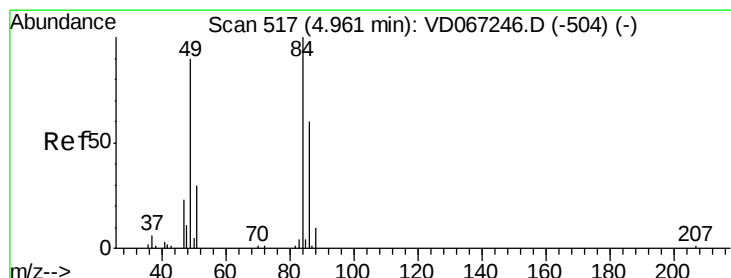
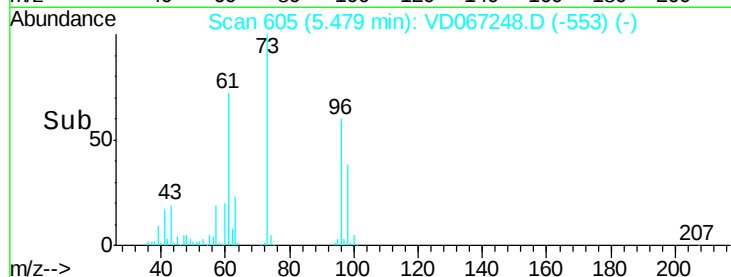
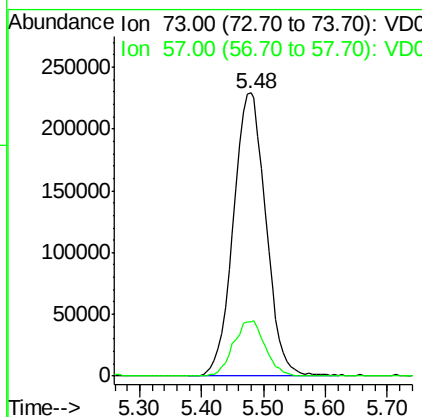
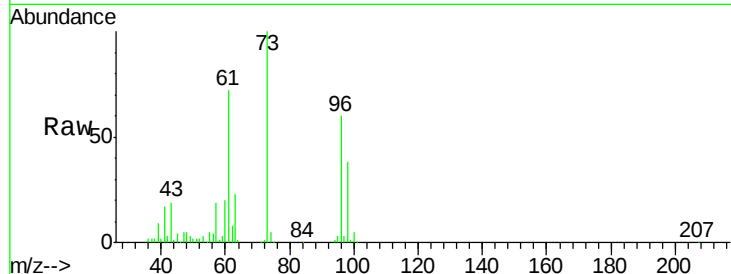


#19

Methyl tert-butyl Ether
 Concen: 150.552 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

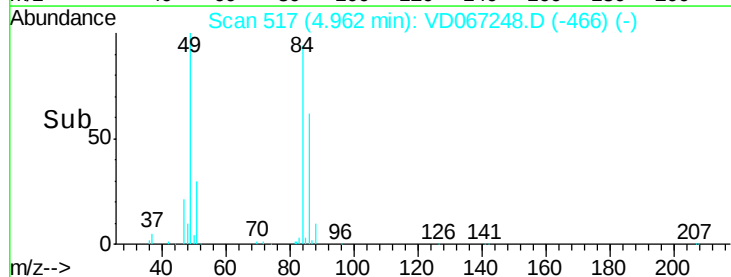
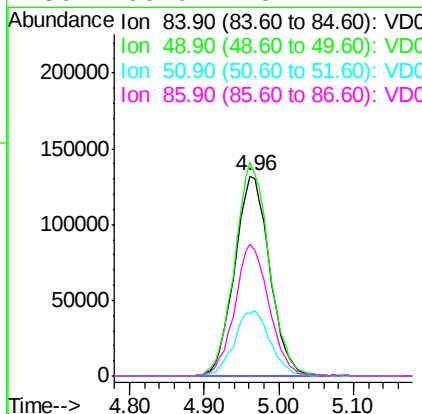
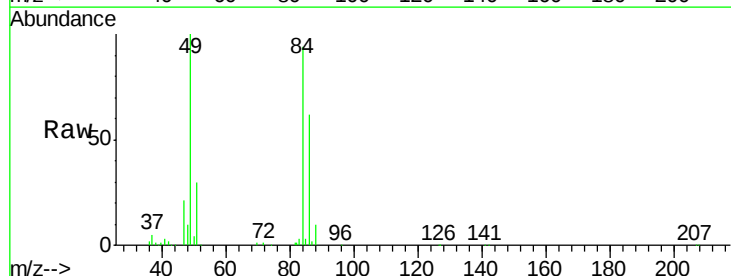
Tgt Ion: 73 Resp: 838814
 Ion Ratio Lower Upper
 73 100
 57 19.2 15.7 23.5

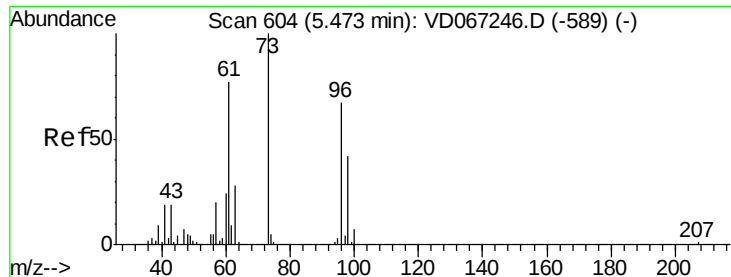


#20

Methylene Chloride
 Concen: 109.630 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

Tgt Ion: 84 Resp: 431751
 Ion Ratio Lower Upper
 84 100
 49 106.9 72.2 108.2
 51 31.7 23.8 35.8
 86 66.0 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 137.415 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

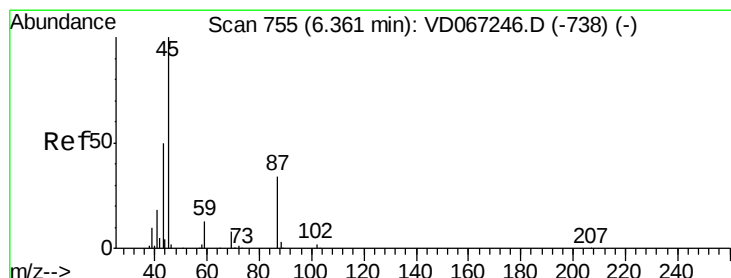
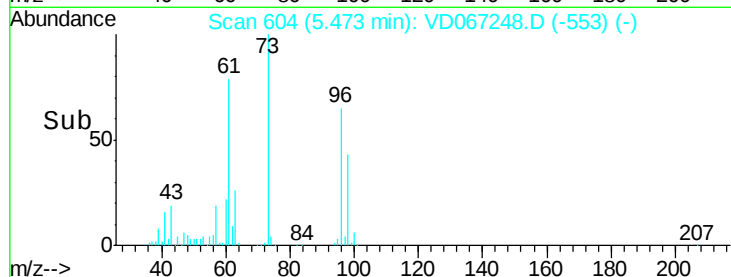
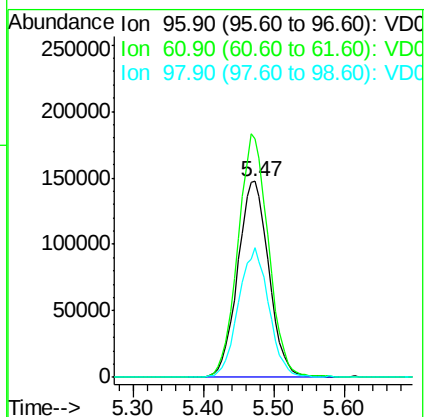
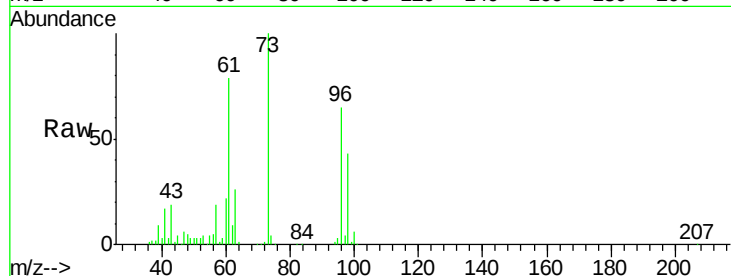
Tgt Ion: 96 Resp: 454487

Ion Ratio Lower Upper

96 100

61 121.9 92.0 138.0

98 65.9 49.8 74.8



#22

Diisopropyl ether

Concen: 143.215 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Tgt Ion: 45 Resp: 851725

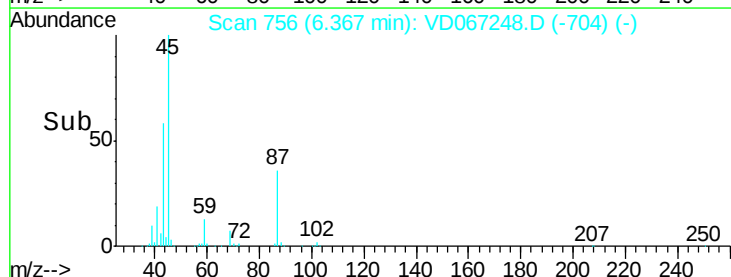
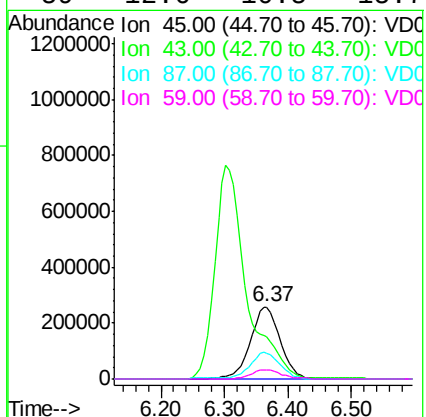
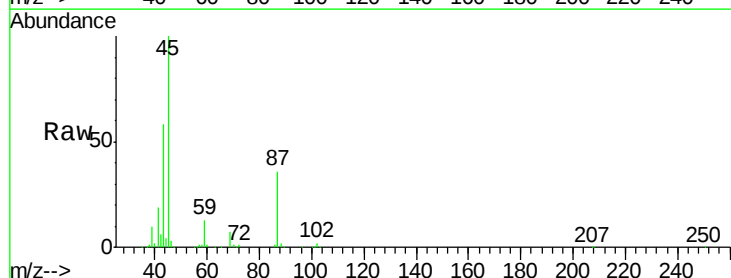
Ion Ratio Lower Upper

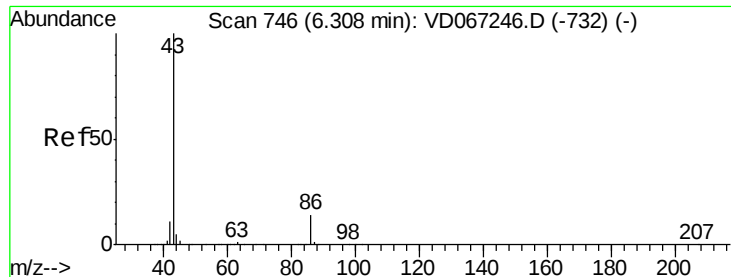
45 100

43 57.6 48.0 72.0

87 36.3 28.5 42.7

59 12.6 10.5 15.7





#23

Vinyl Acetate

Concen: 822.490 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

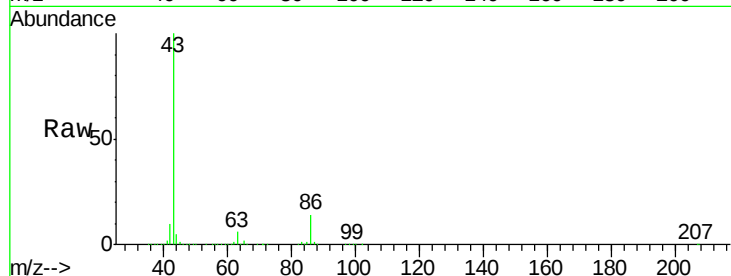
VSTDIC150

Tgt Ion: 43 Resp: 2654199

Ion Ratio Lower Upper

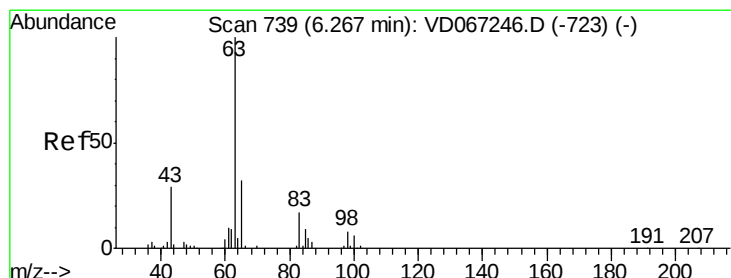
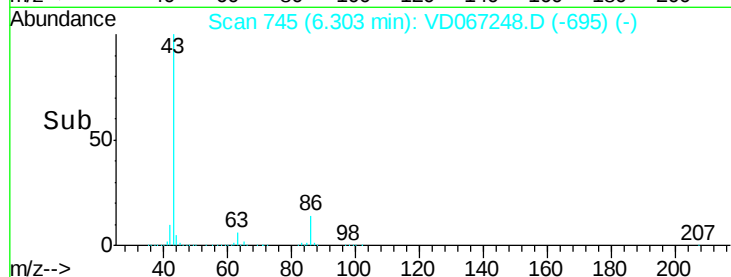
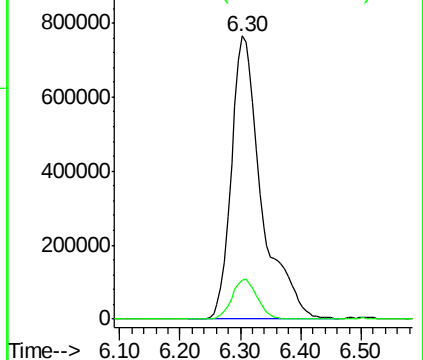
43 100

86 13.8 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: 136.126 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

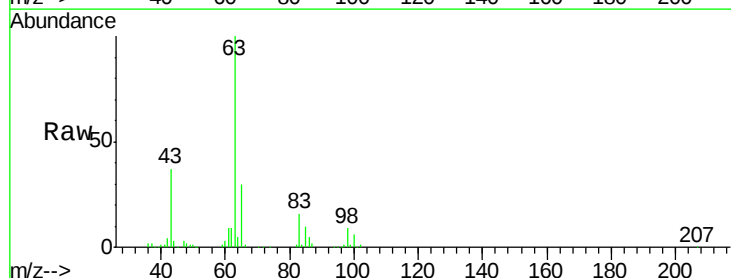
Tgt Ion: 63 Resp: 705334

Ion Ratio Lower Upper

63 100

98 8.9 4.0 12.2

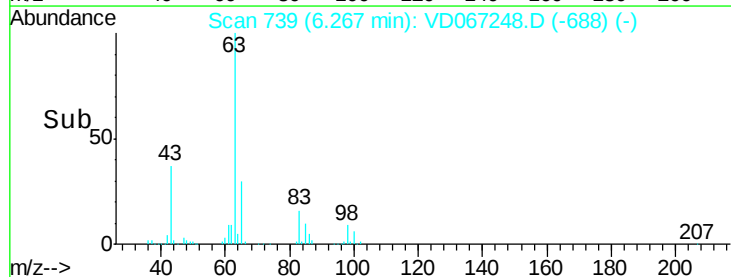
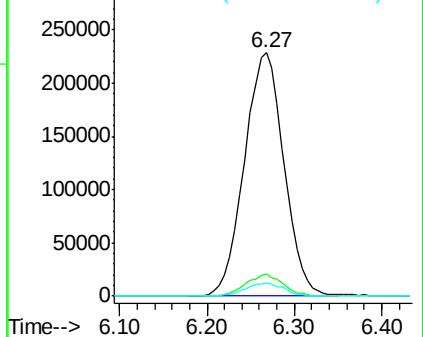
100 5.6 2.8 8.4

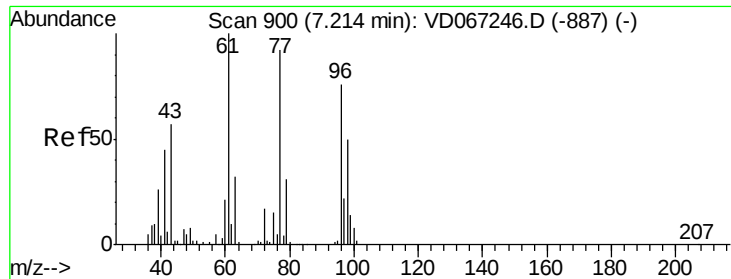


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

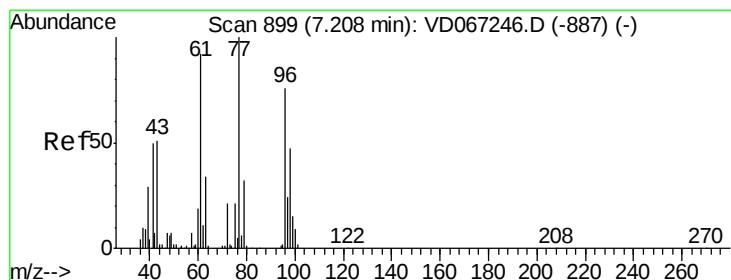
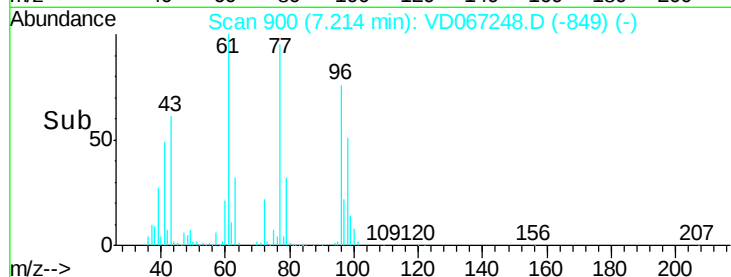
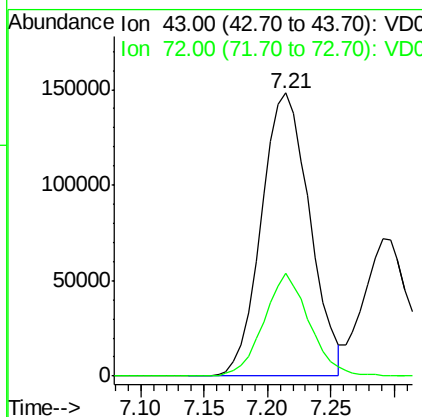
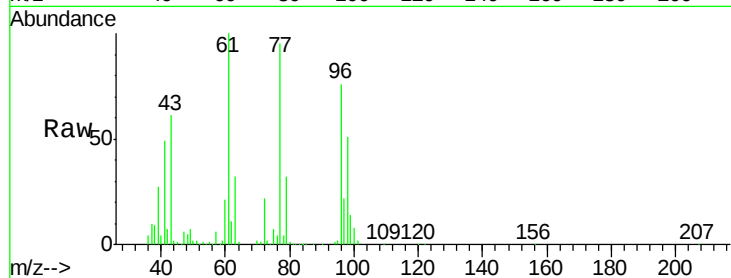




#25
2-Butanone
Concen: 717.394 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

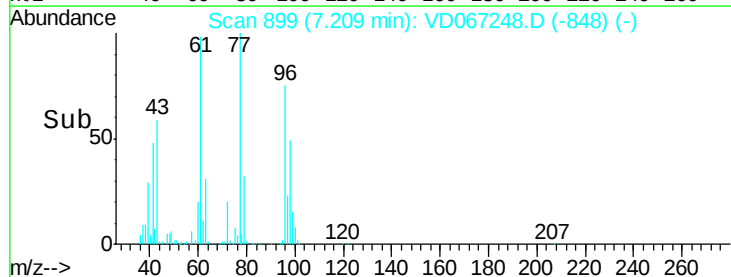
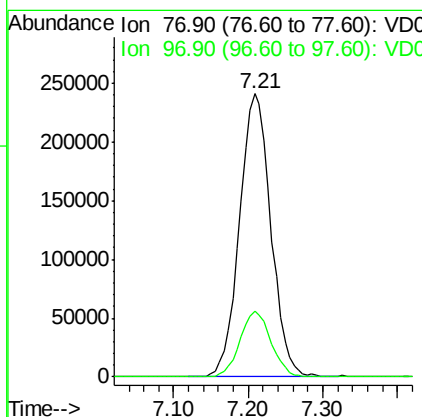
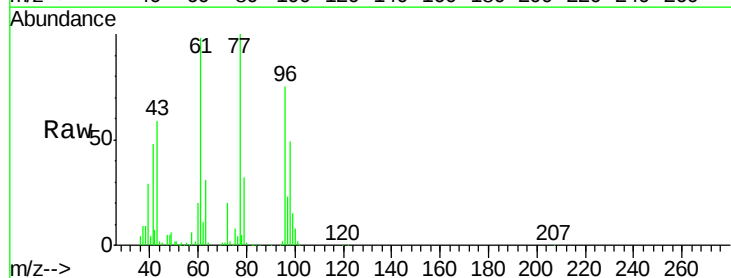
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

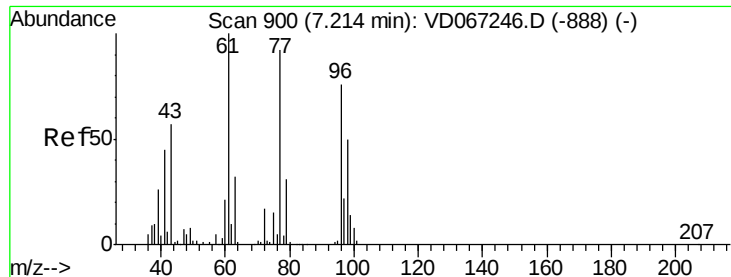
Tgt Ion: 43 Resp: 394358
Ion Ratio Lower Upper
43 100
72 36.5 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 129.786 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Tgt Ion: 77 Resp: 702040
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.2



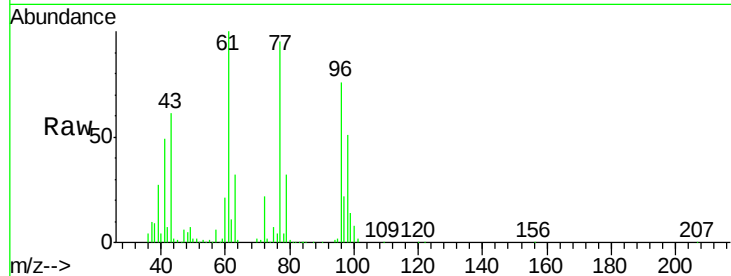


#27

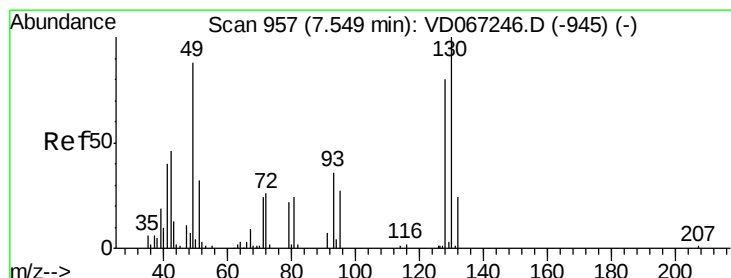
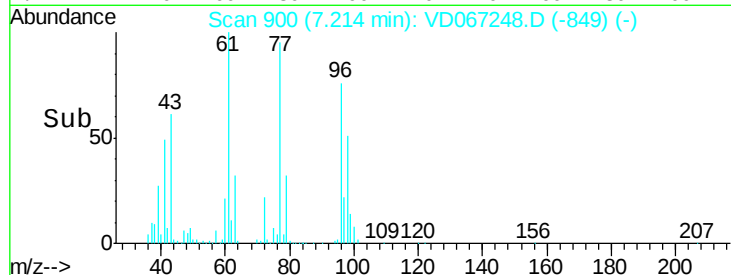
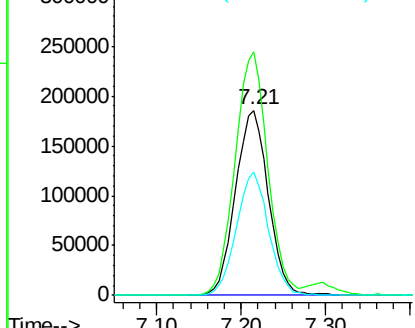
cis-1,2-Dichloroethene
Concen: 137.901 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 500725
Ion Ratio Lower Upper
96 100
61 130.6 0.0 255.4
98 65.4 0.0 128.0



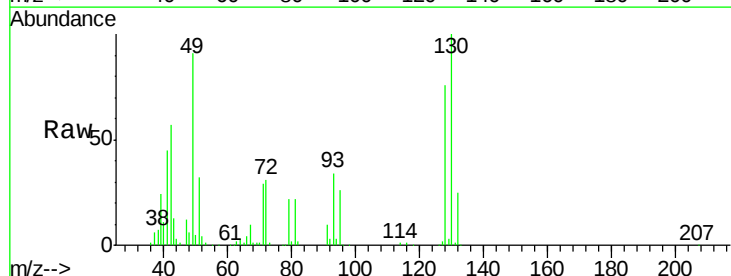
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



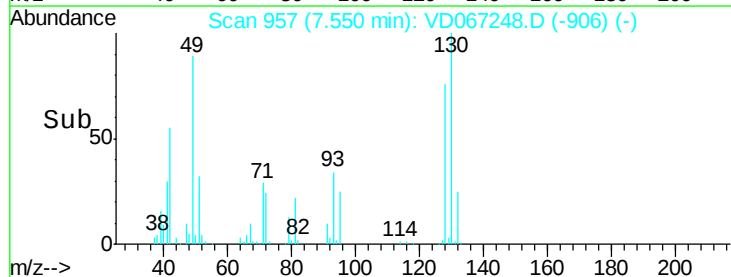
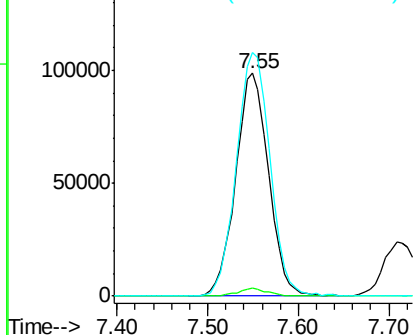
#28

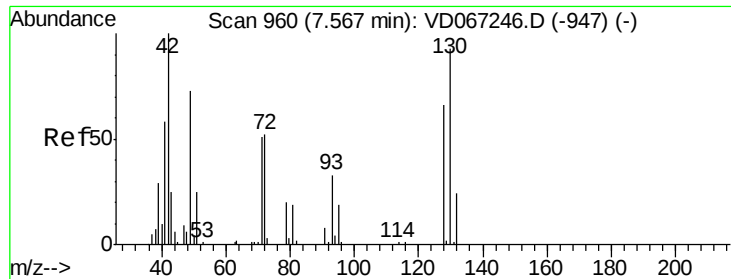
Bromochloromethane
Concen: 144.324 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Tgt Ion: 49 Resp: 249485
Ion Ratio Lower Upper
49 100
129 3.1 0.0 1.6#
130 111.7 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

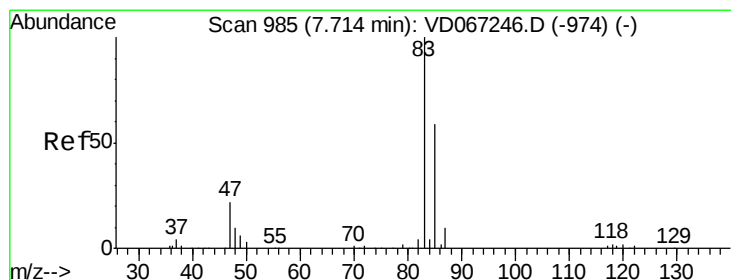
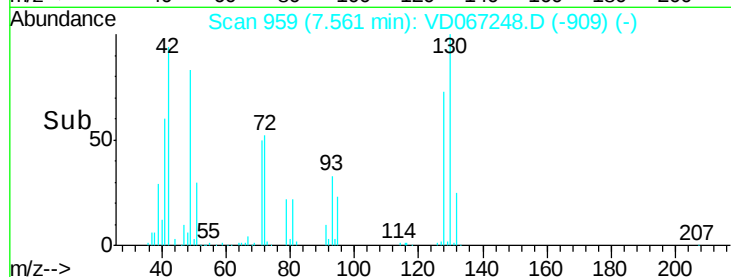
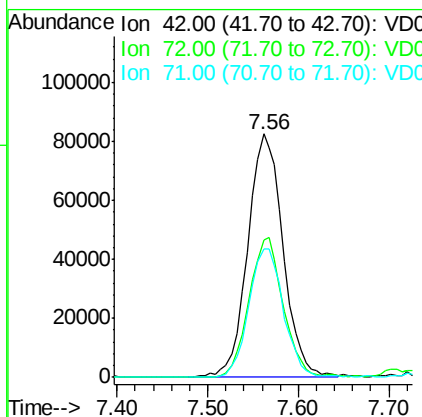
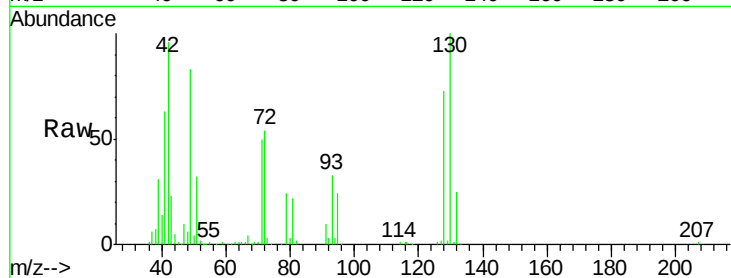




#29
Tetrahydrofuran
Concen: 736.272 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

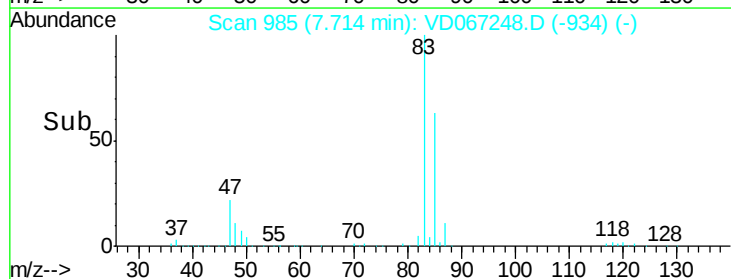
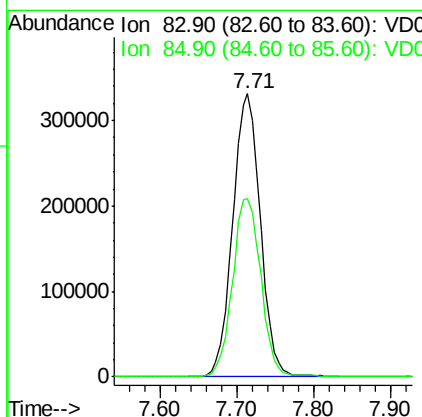
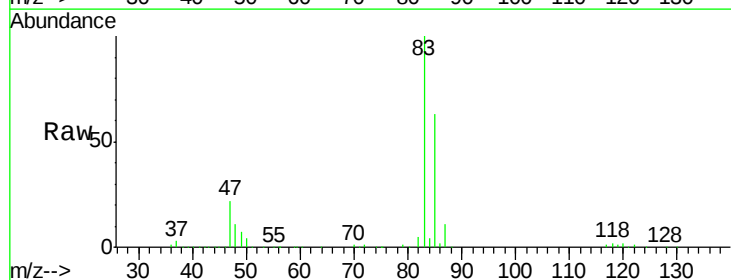
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

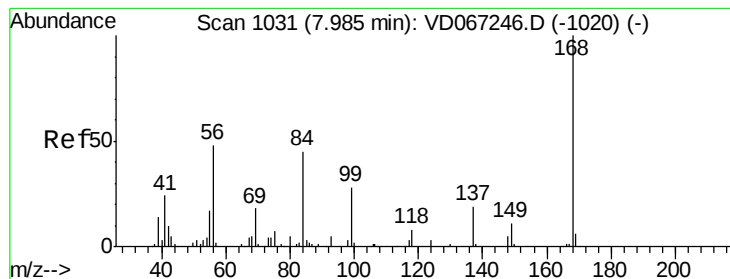
Tgt Ion: 42 Resp: 223054
Ion Ratio Lower Upper
42 100
72 55.0 43.2 64.8
71 52.2 39.4 59.0



#30
Chloroform
Concen: 133.998 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Tgt Ion: 83 Resp: 832666
Ion Ratio Lower Upper
83 100
85 63.0 47.3 70.9





#31

Cyclohexane

Concen: 122.694 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

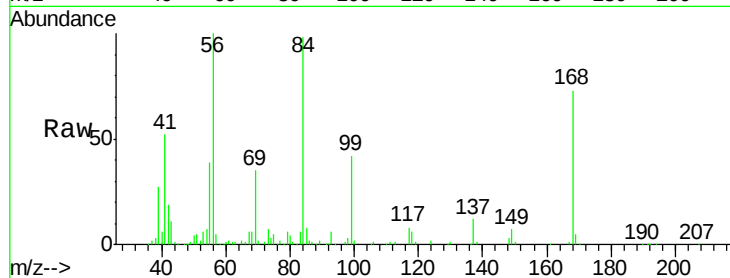
Tgt Ion: 56 Resp: 510585

Ion Ratio Lower Upper

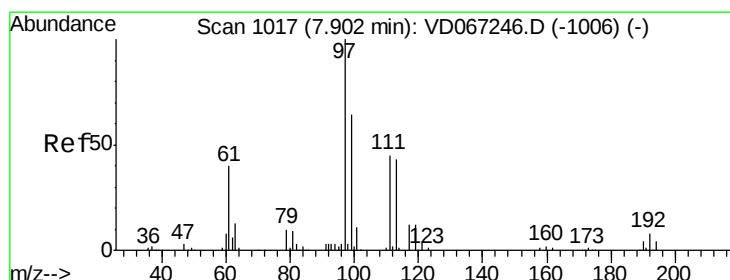
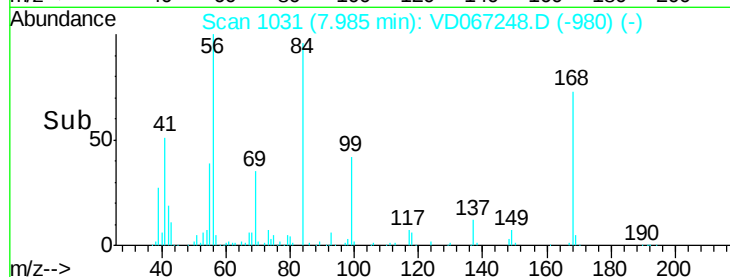
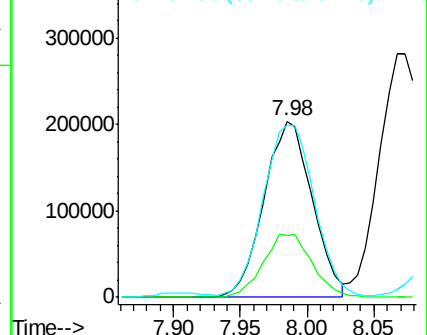
56 100

69 35.3 29.8 44.6

84 95.5 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: 134.100 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

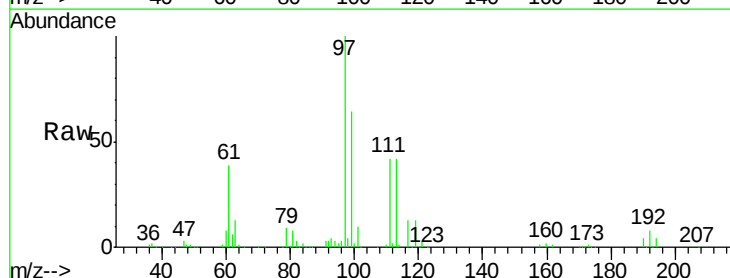
Tgt Ion: 97 Resp: 817892

Ion Ratio Lower Upper

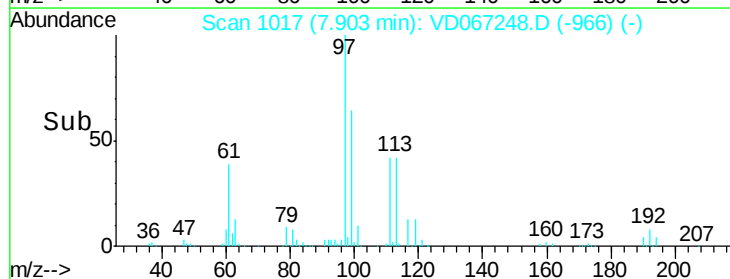
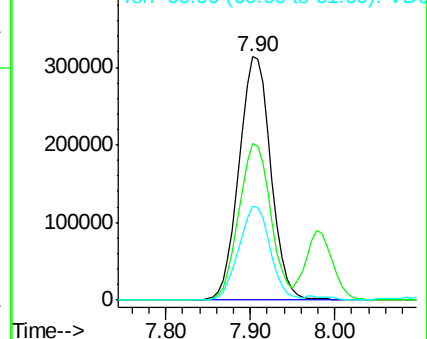
97 100

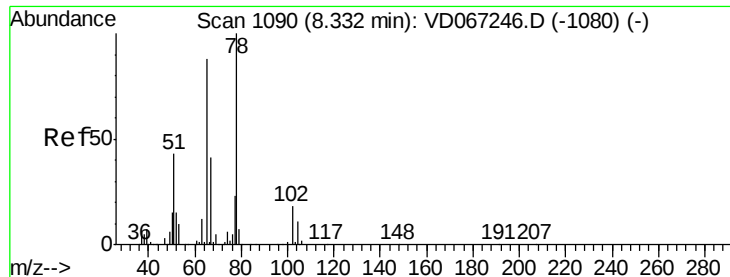
99 64.4 50.2 75.4

61 38.0 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

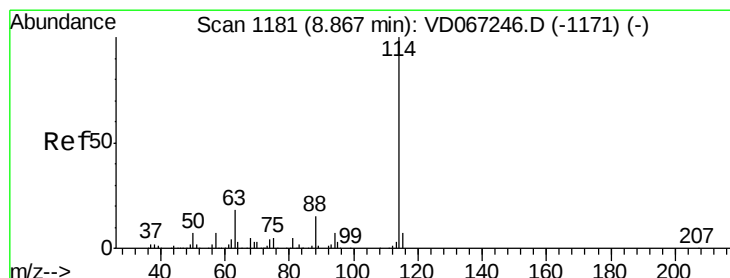
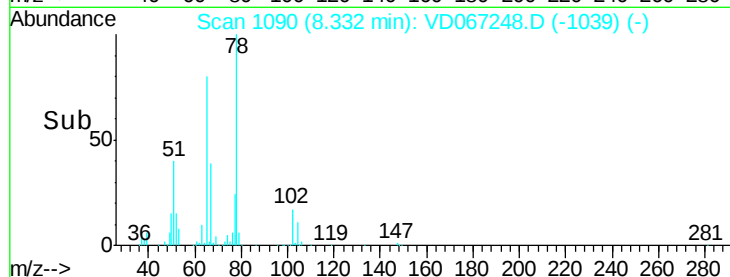
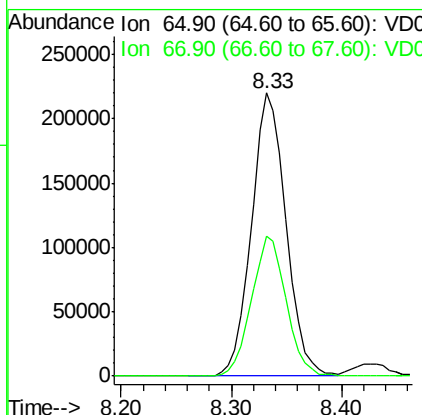
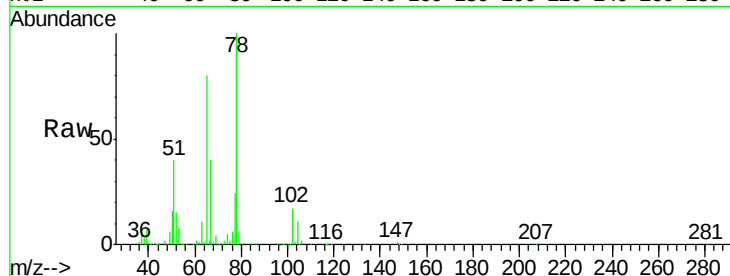




#33
 1,2-Dichloroethane-d4
 Concen: 138.886 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

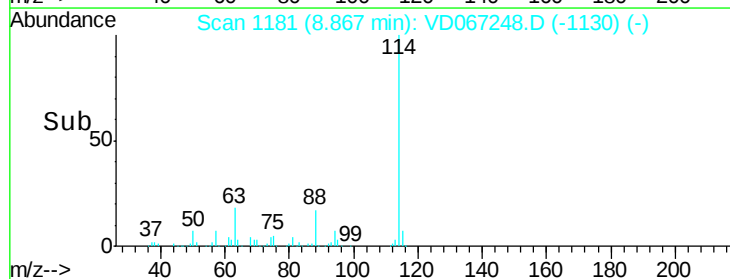
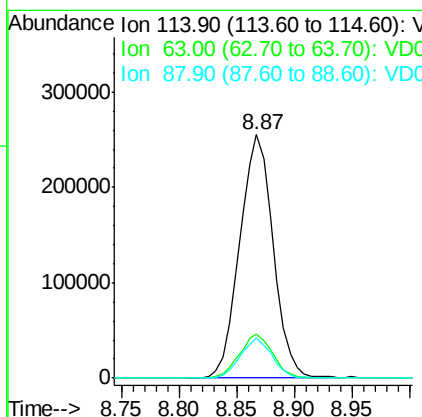
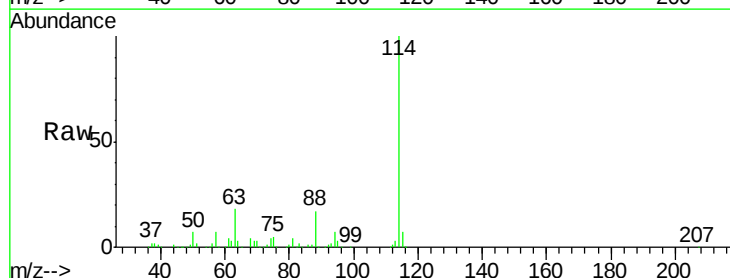
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

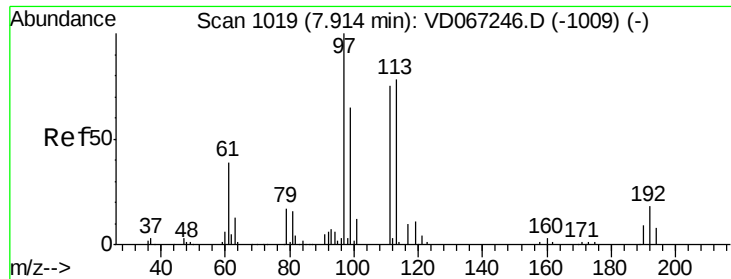
Tgt Ion: 65 Resp: 483097
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

Tgt Ion: 114 Resp: 513946
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.0
 88 16.7 0.0 30.6

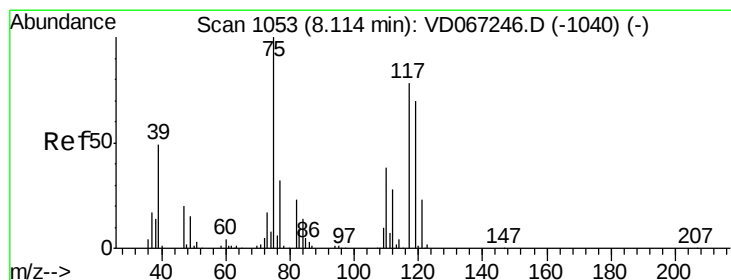
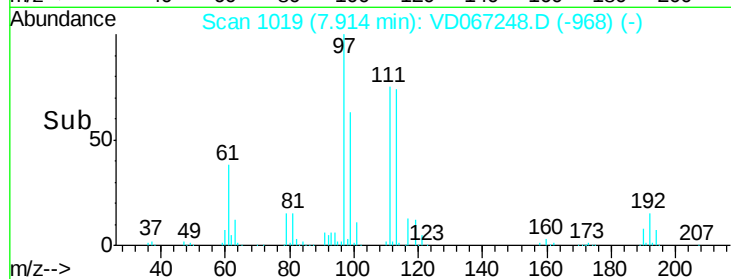
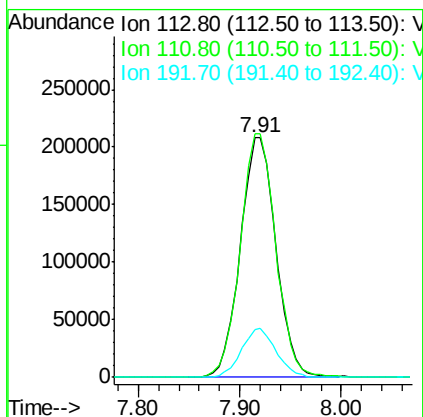
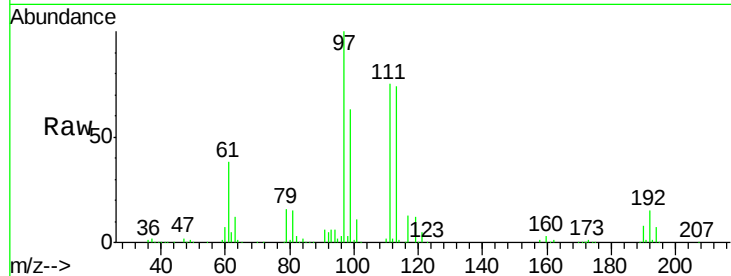




#35
Dibromofluoromethane
Concen: 147.940 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

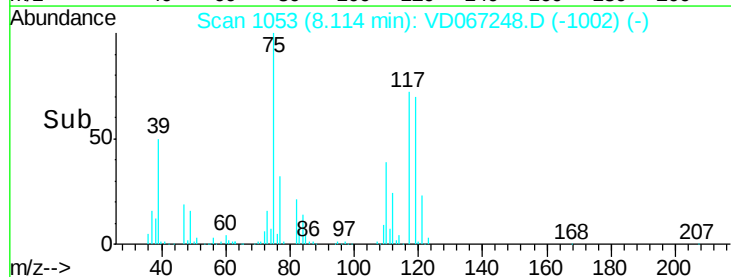
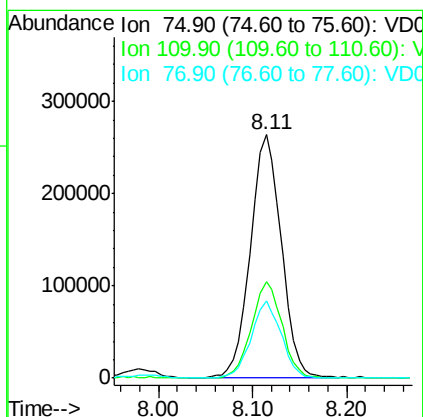
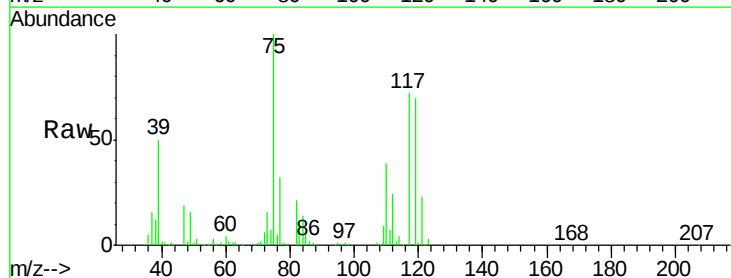
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

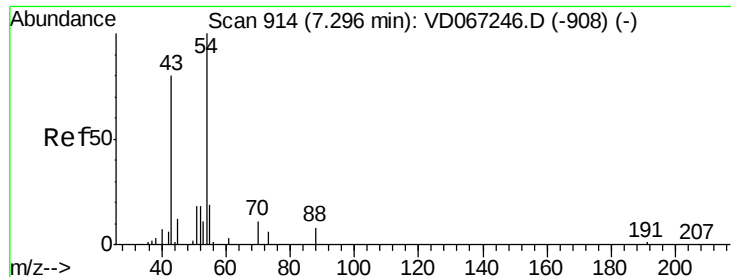
Tgt Ion: 113 Resp: 506283
Ion Ratio Lower Upper
113 100
111 101.4 81.6 122.4
192 19.9 17.0 25.4



#36
1,1-Dichloropropene
Concen: 133.827 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Tgt Ion: 75 Resp: 601707
Ion Ratio Lower Upper
75 100
110 38.7 19.6 58.7
77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 138.399 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

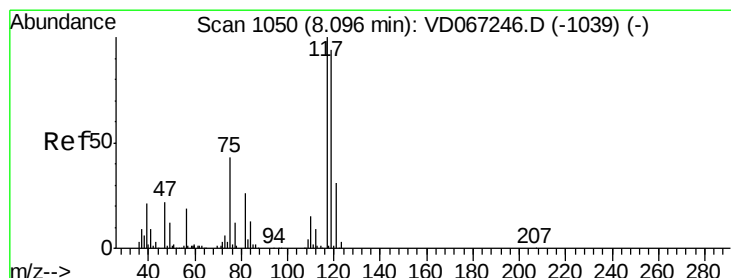
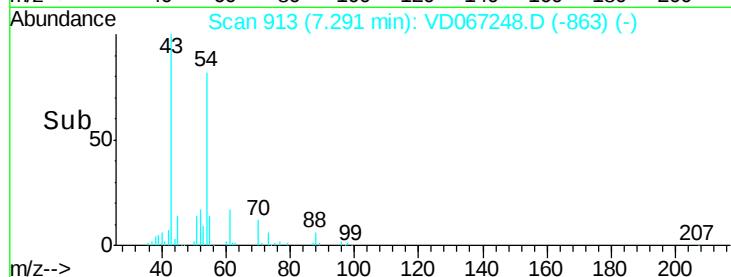
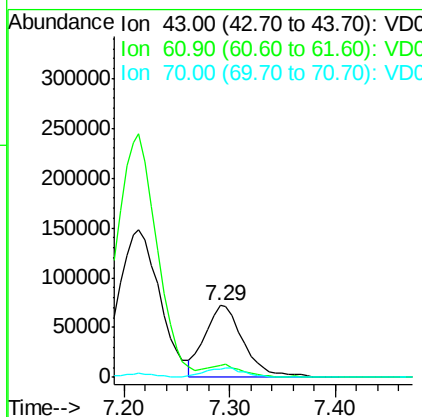
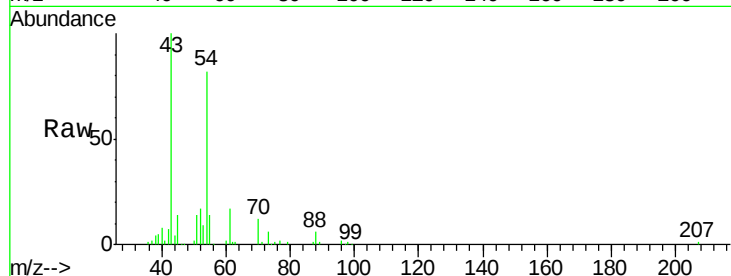
Tgt Ion: 43 Resp: 180397

Ion Ratio Lower Upper

43 100

61 14.2 15.6 23.4#

70 13.8 10.4 15.6



#38

Carbon Tetrachloride

Concen: 132.955 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

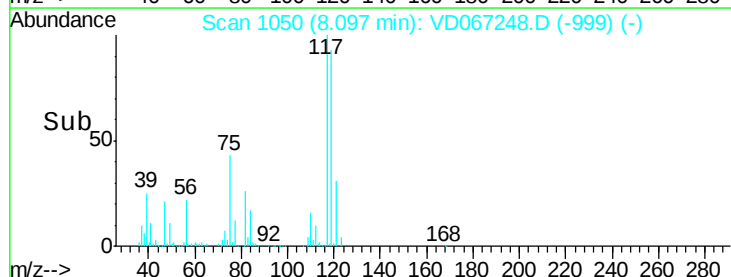
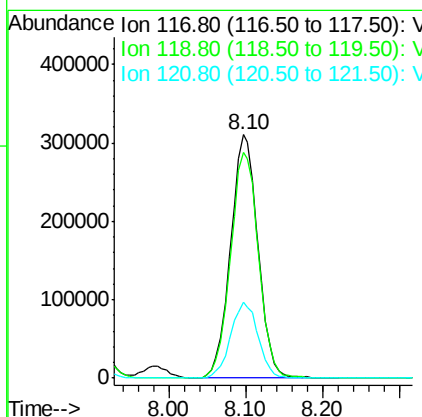
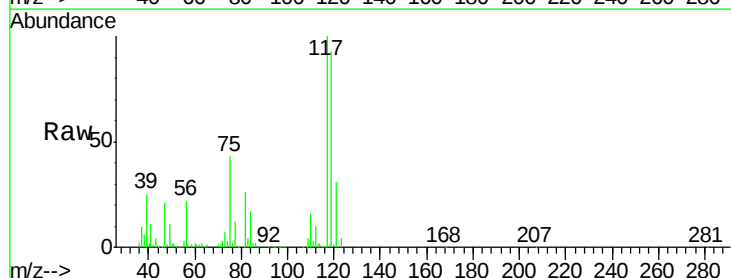
Tgt Ion: 117 Resp: 766343

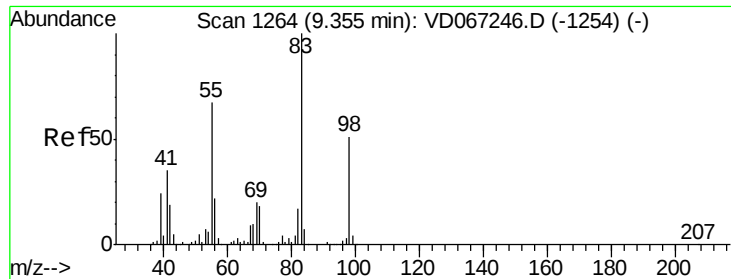
Ion Ratio Lower Upper

117 100

119 93.0 75.0 112.4

121 31.1 24.9 37.3

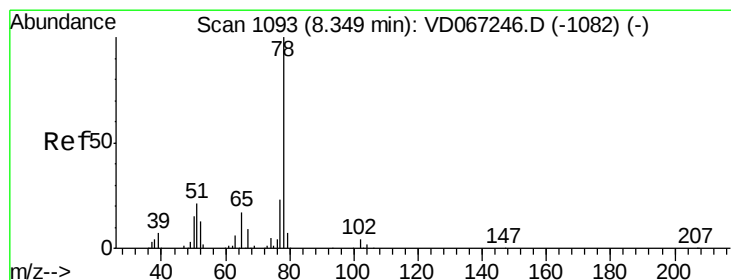
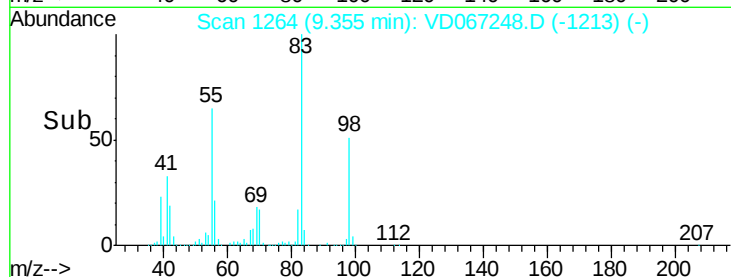
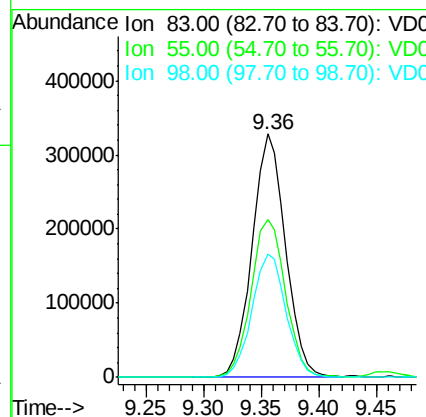
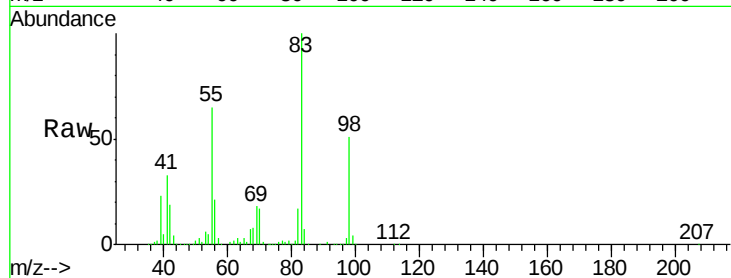




#39
Methylcyclohexane
Concen: 143.856 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

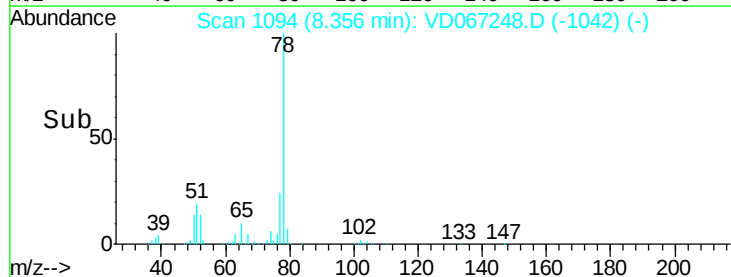
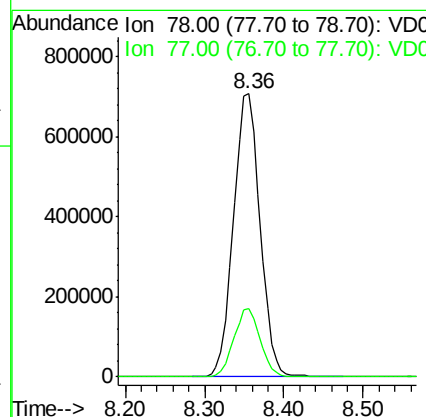
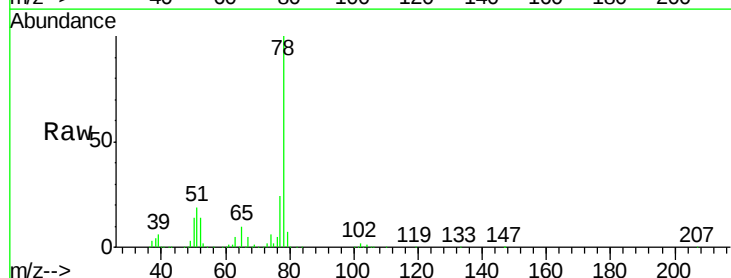
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

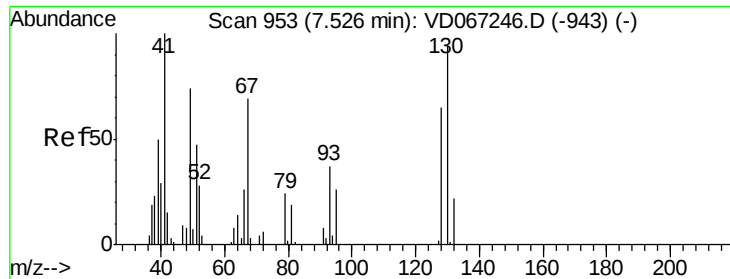
Tgt Ion: 83 Resp: 663158
Ion Ratio Lower Upper
83 100
55 64.7 53.3 79.9
98 50.5 41.0 61.4



#40
Benzene
Concen: 132.559 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Tgt Ion: 78 Resp: 1642198
Ion Ratio Lower Upper
78 100
77 23.9 18.3 27.5

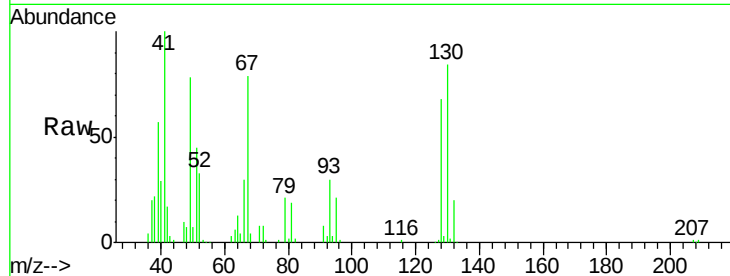




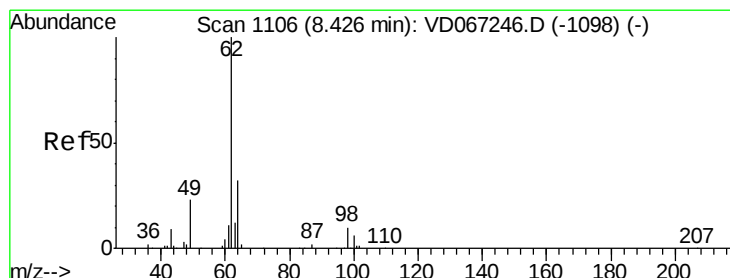
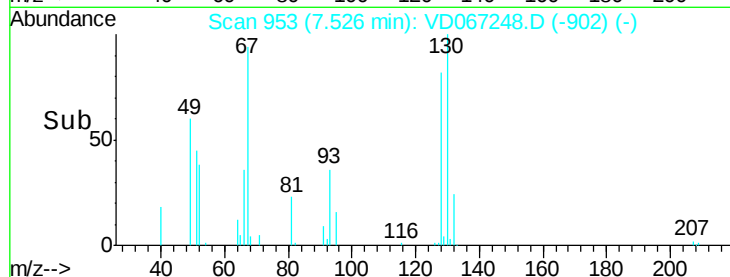
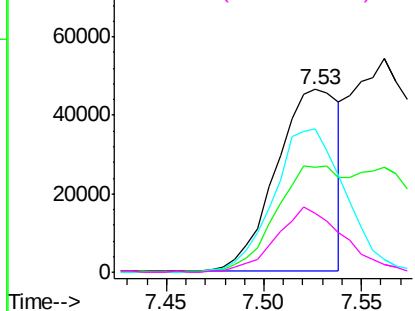
#41
Methacrylonitrile
Concen: 185.677 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:	41	Resp:	103267
Ion	Ratio	Lower	Upper
41	100		
39	66.6	60.0	90.0
67	91.1	88.9	133.3
52	38.9	36.9	55.3

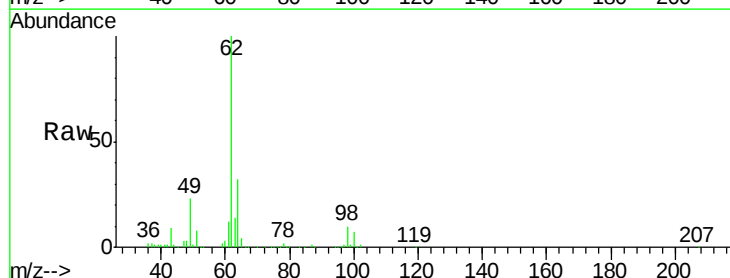


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

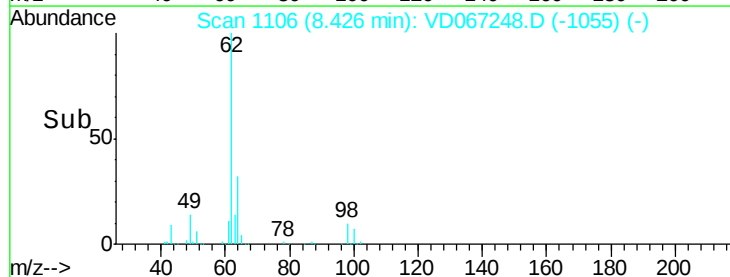
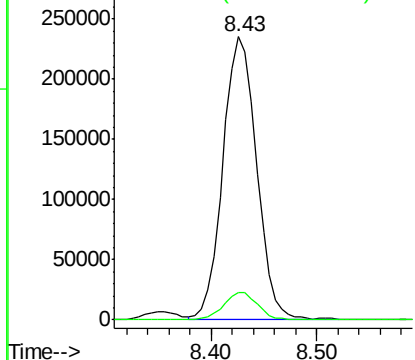


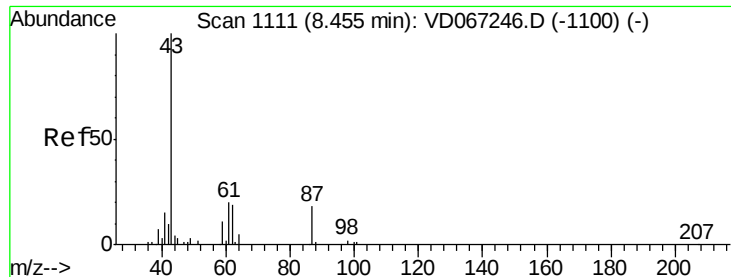
#42
1,2-Dichloroethane
Concen: 133.852 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Tgt Ion:	62	Resp:	518088
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 147.969 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

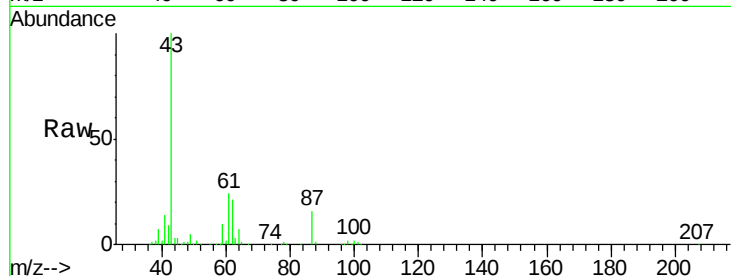
Tgt Ion: 43 Resp: 377940

Ion Ratio Lower Upper

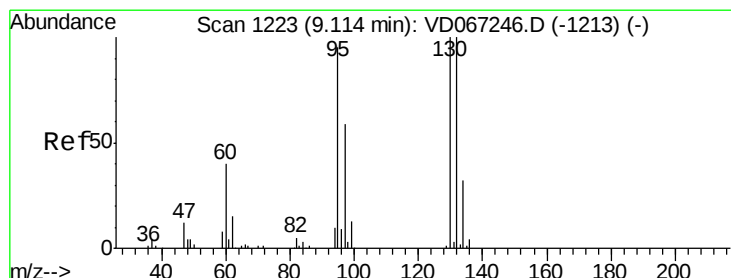
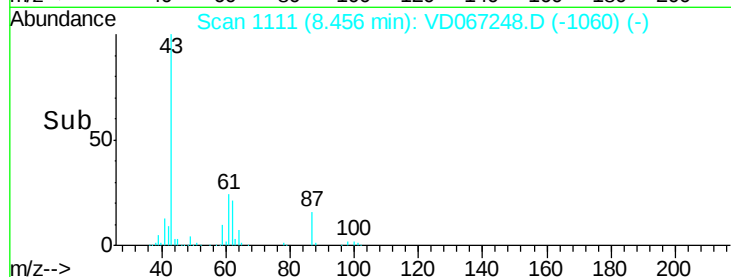
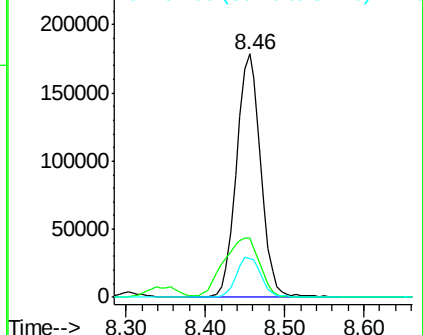
43 100

61 36.3 29.5 44.3

87 16.9 14.2 21.4



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



#44

Trichloroethene

Concen: 134.922 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067248.D

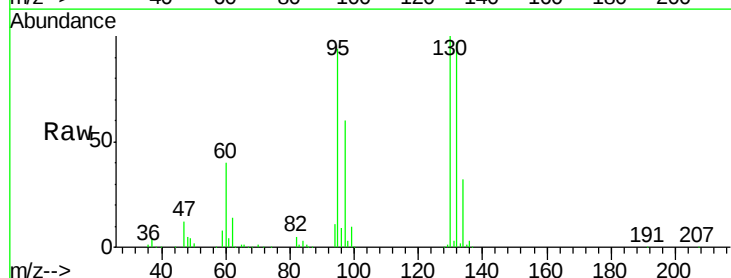
Acq: 13 Oct 2020 12:43

Tgt Ion: 130 Resp: 534110

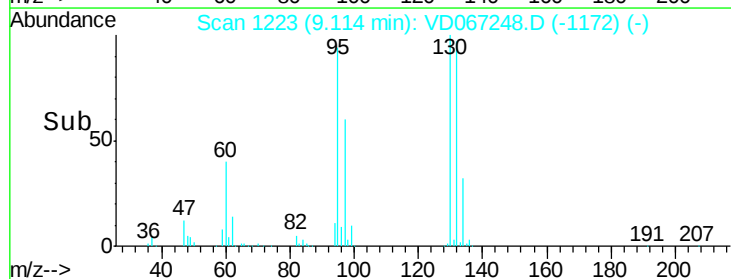
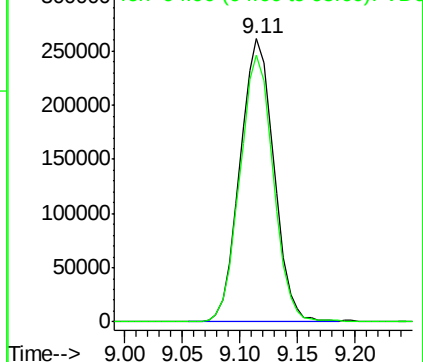
Ion Ratio Lower Upper

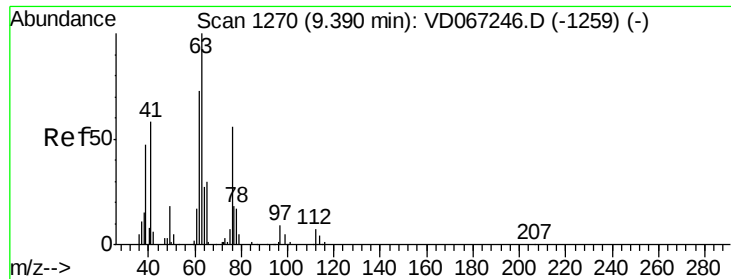
130 100

95 94.5 0.0 190.6



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

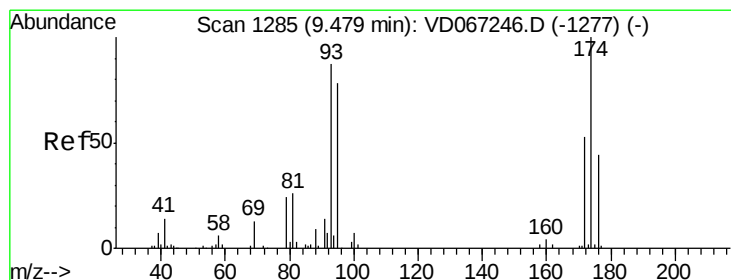
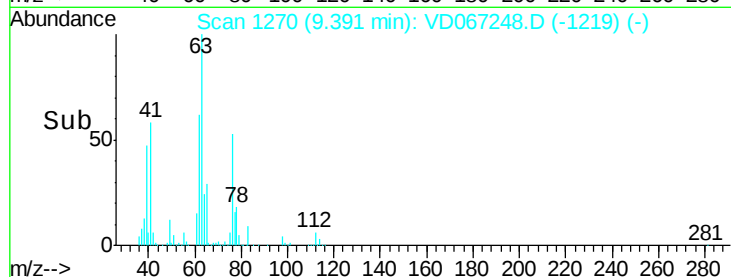
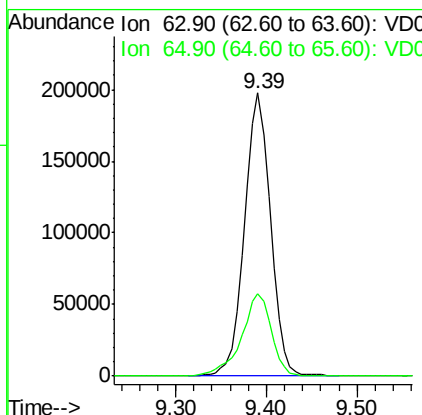
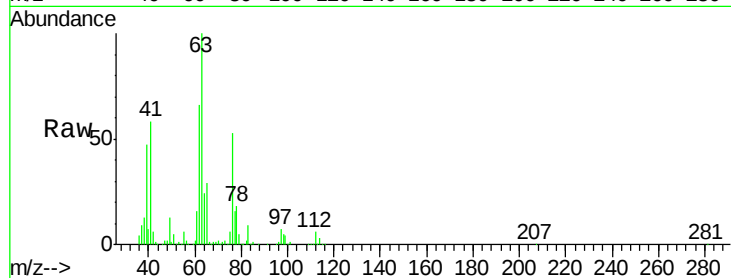




#45
 1,2-Dichloropropane
 Concen: 138.699 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

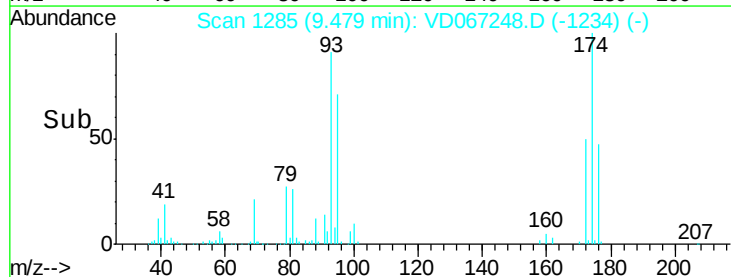
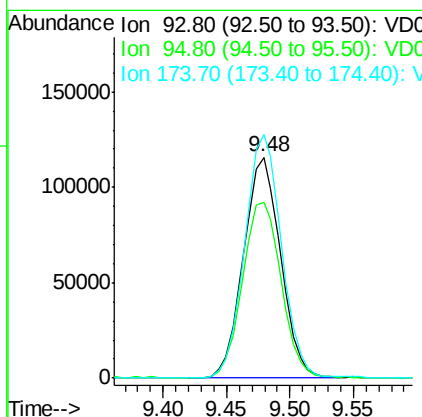
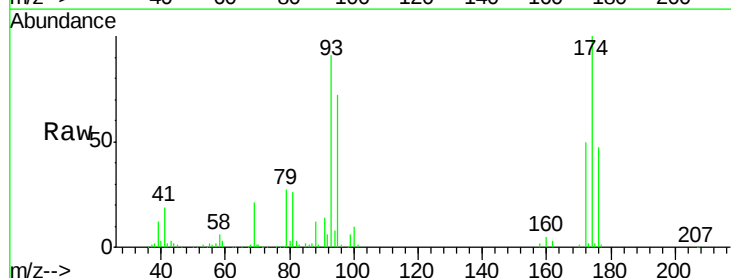
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

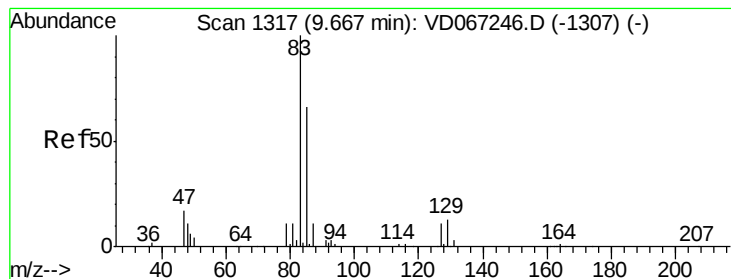
Tgt Ion: 63 Resp: 394582
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.6 36.8



#46
 Dibromomethane
 Concen: 131.699 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

Tgt Ion: 93 Resp: 235893
 Ion Ratio Lower Upper
 93 100
 95 83.3 68.0 102.0
 174 108.8 91.8 137.6





#47

Bromodichloromethane

Concen: 137.542 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

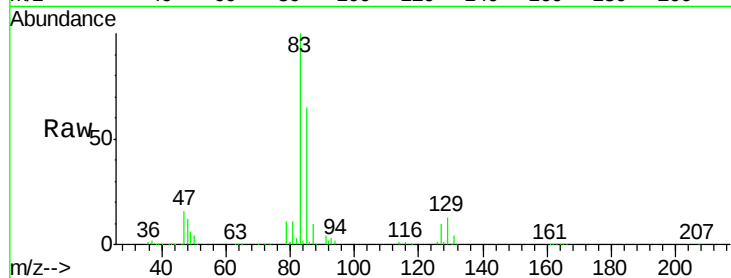
Tgt Ion: 83 Resp: 652444

Ion Ratio Lower Upper

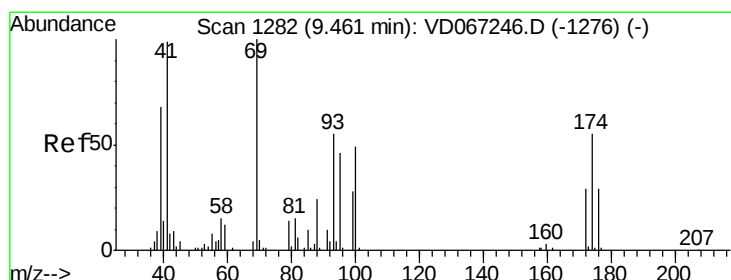
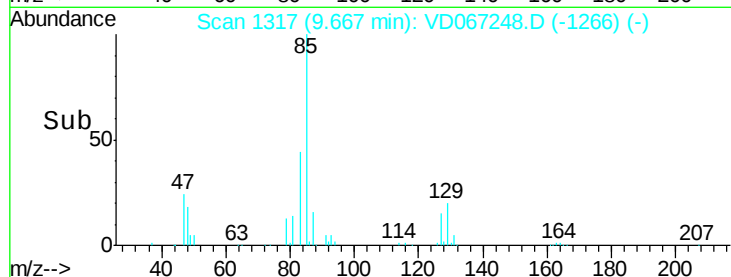
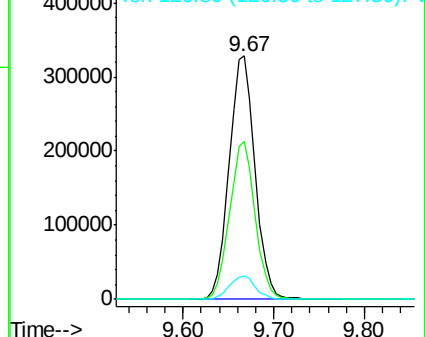
83 100

85 64.7 53.1 79.7

127 9.8 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: 146.420 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

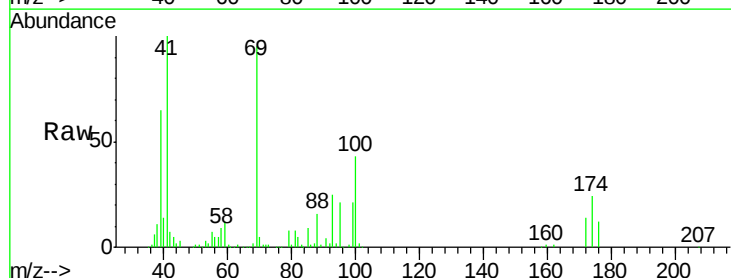
Tgt Ion: 41 Resp: 182190

Ion Ratio Lower Upper

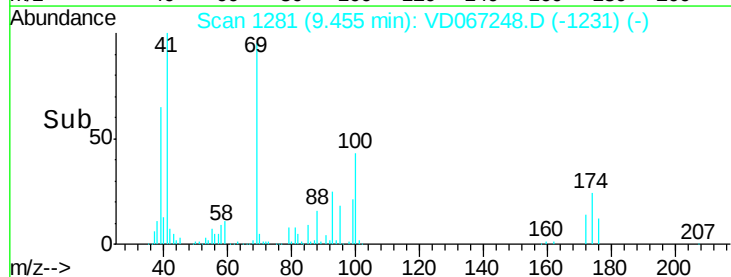
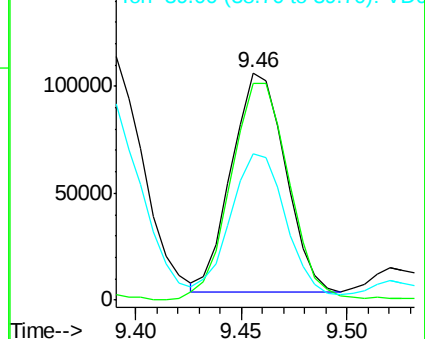
41 100

69 107.1 89.0 133.6

39 70.5 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

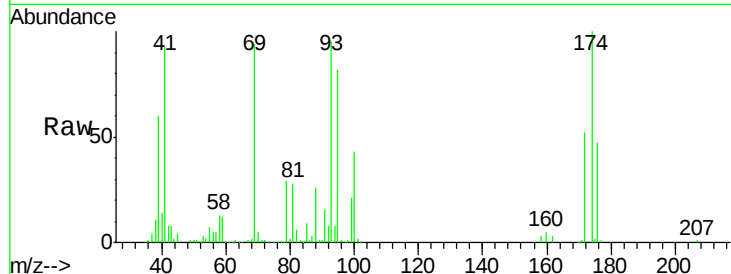




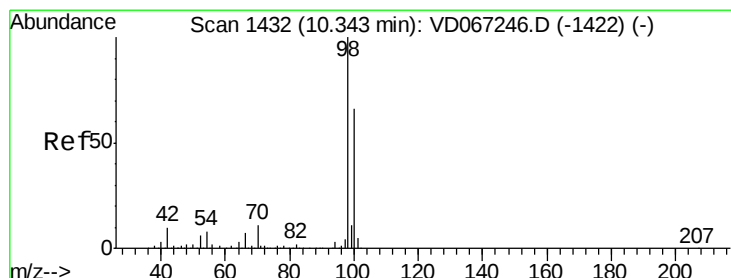
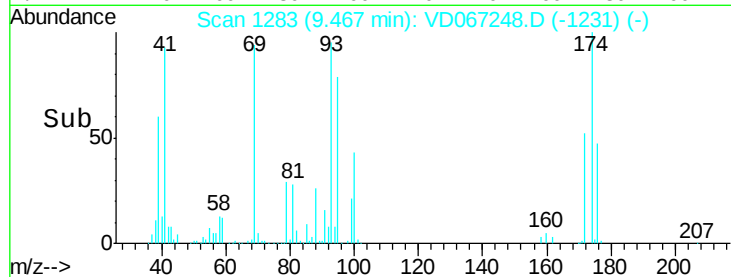
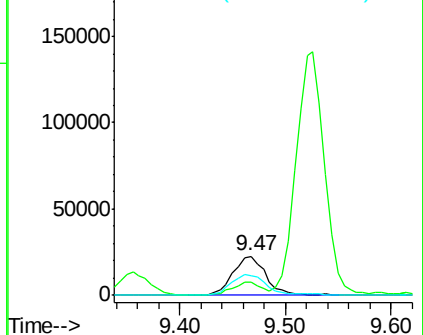
#49
1,4-Dioxane
Concen: 2580.951 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 49035
Ion Ratio Lower Upper
88 100
43 28.0 23.9 35.9
58 55.3 51.0 76.6

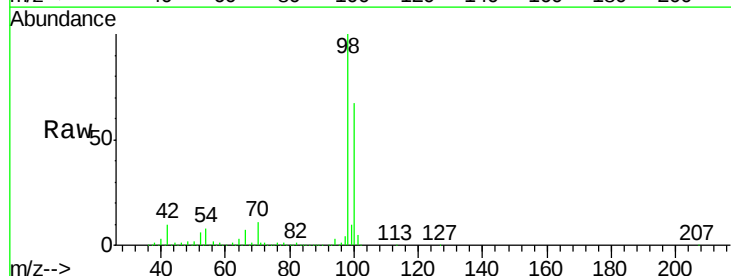


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

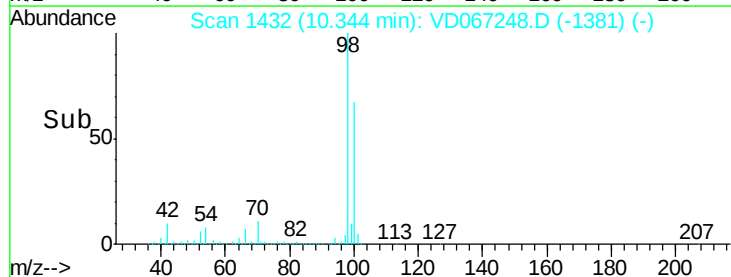
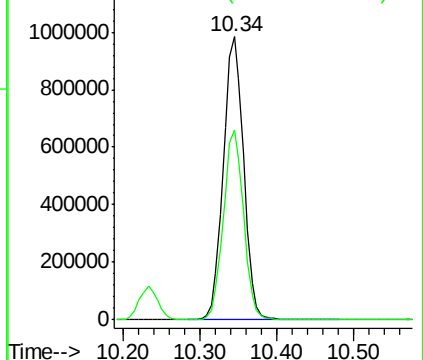


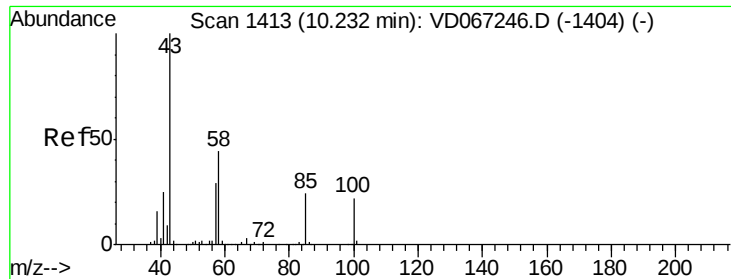
#50
Toluene-d8
Concen: 145.175 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Tgt Ion: 98 Resp: 1811880
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



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

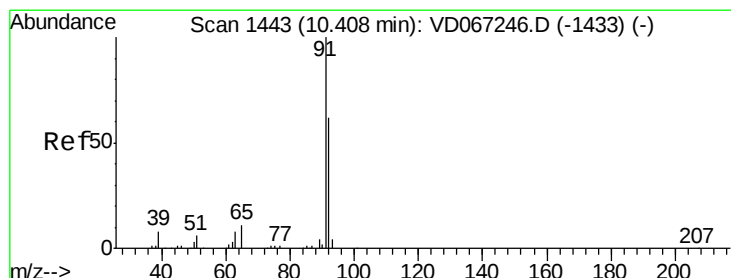
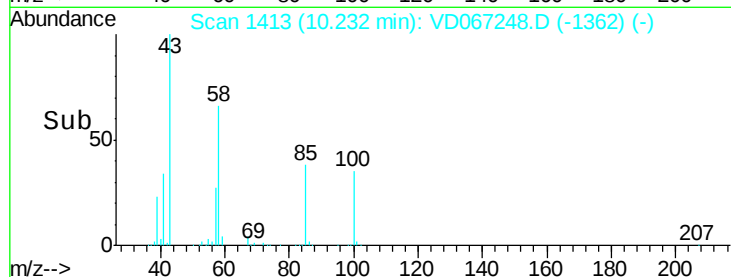
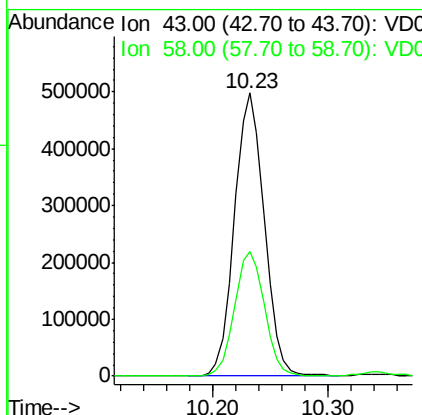
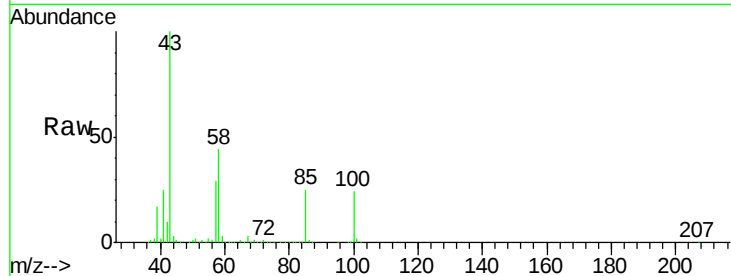




#51
 4-Methyl-2-Pentanone
 Concen: 688.989 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

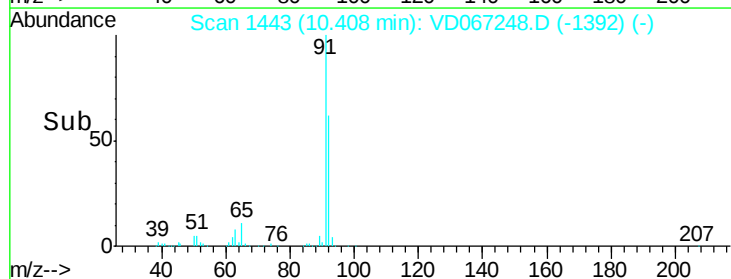
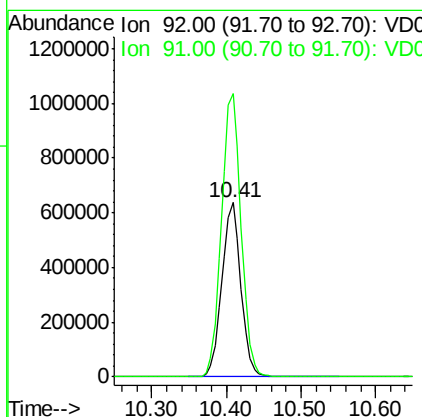
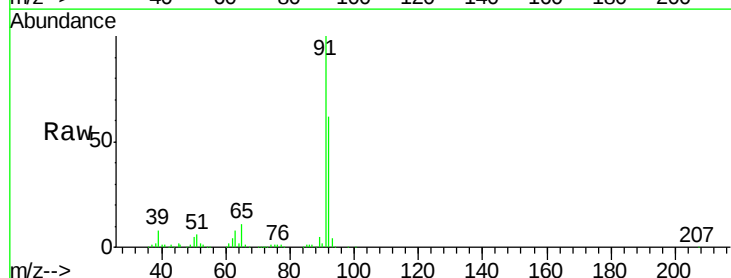
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

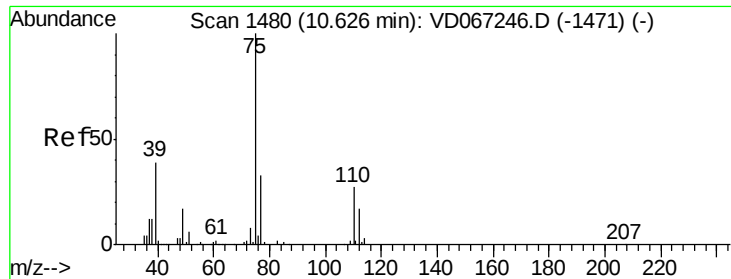
Tgt Ion: 43 Resp: 892993
 Ion Ratio Lower Upper
 43 100
 58 44.2 35.7 53.5



#52
 Toluene
 Concen: 134.728 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

Tgt Ion: 92 Resp: 1129872
 Ion Ratio Lower Upper
 92 100
 91 168.4 133.8 200.8





#53

t-1,3-Dichloropropene

Concen: 141.140 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

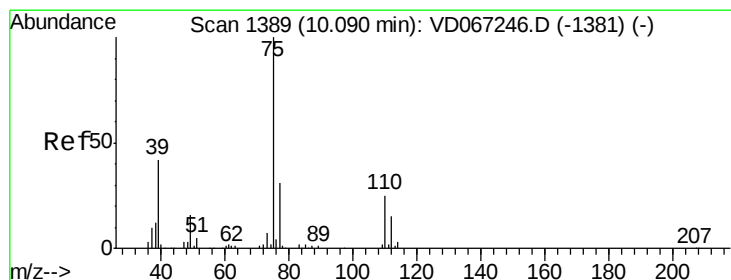
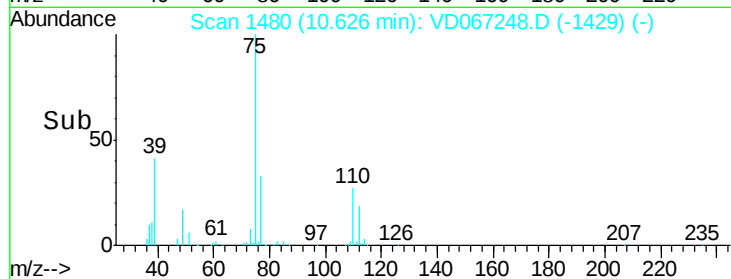
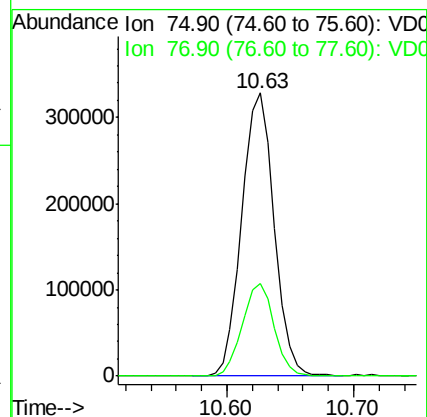
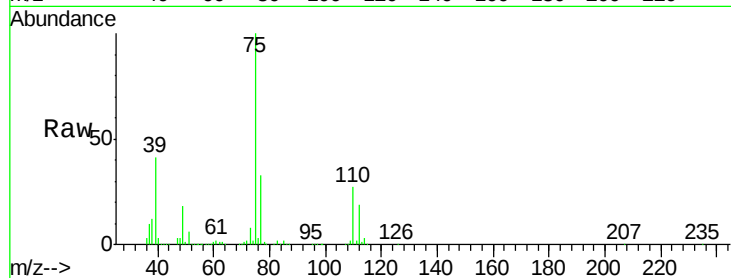
VSTDIC150

Tgt Ion: 75 Resp: 582343

Ion Ratio Lower Upper

75 100

77 32.6 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 142.442 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

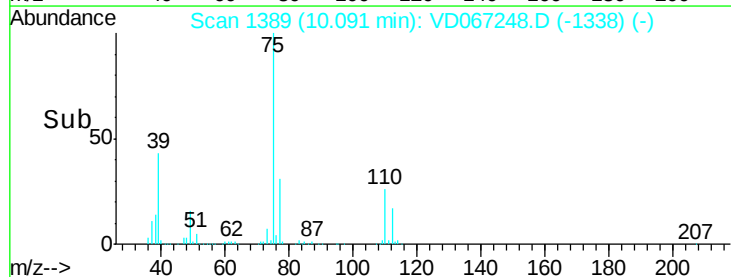
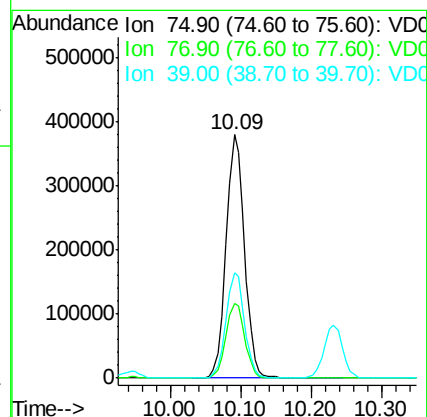
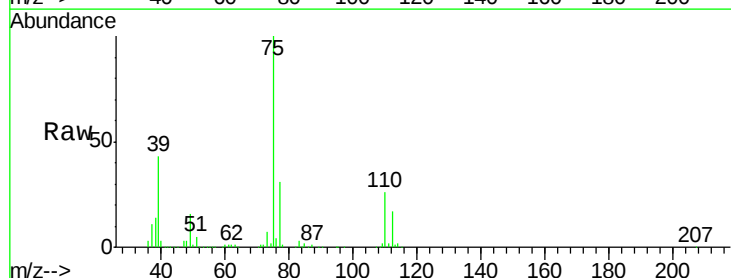
Tgt Ion: 75 Resp: 688555

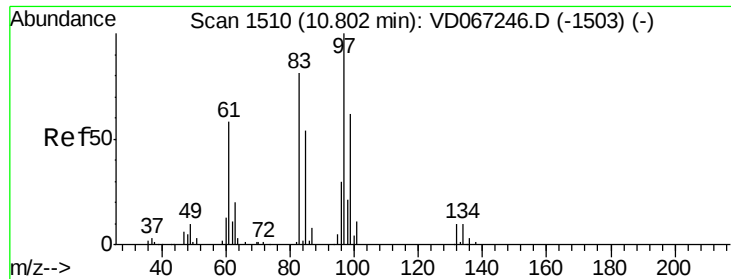
Ion Ratio Lower Upper

75 100

77 30.9 24.5 36.7

39 43.4 33.7 50.5

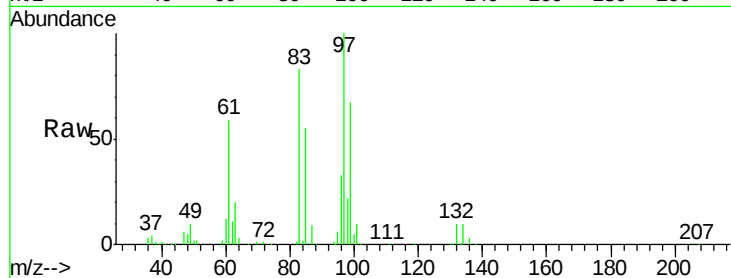




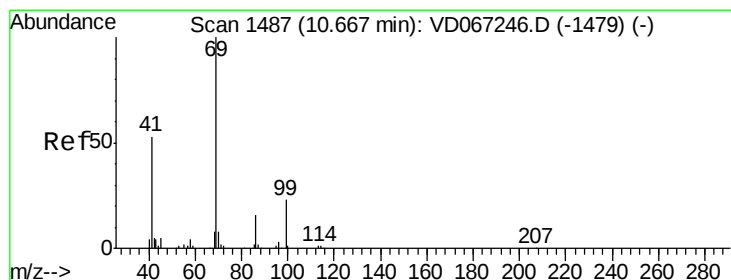
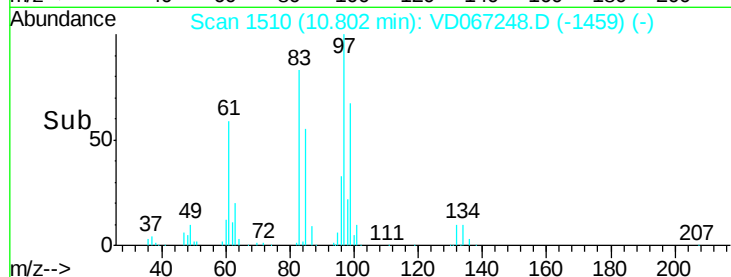
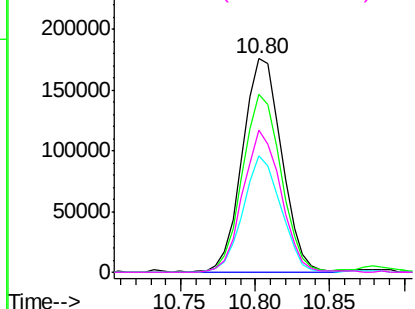
#55
 1,1,2-Trichloroethane
 Concen: 130.025 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion:	97	Resp:	319786
Ion	Ratio	Lower	Upper
97	100		
83	83.5	64.9	97.3
85	54.8	43.3	64.9
99	66.8	49.1	73.7

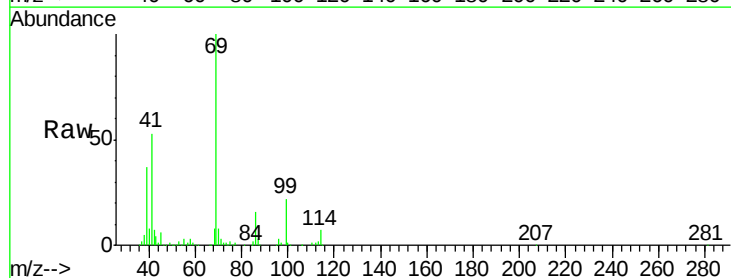


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

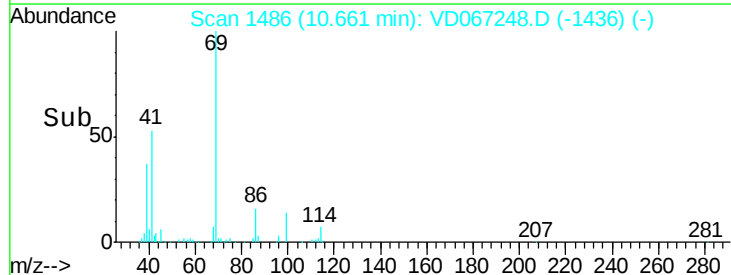
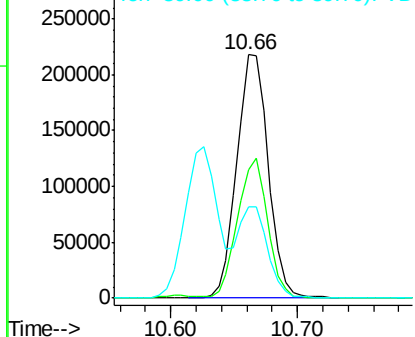


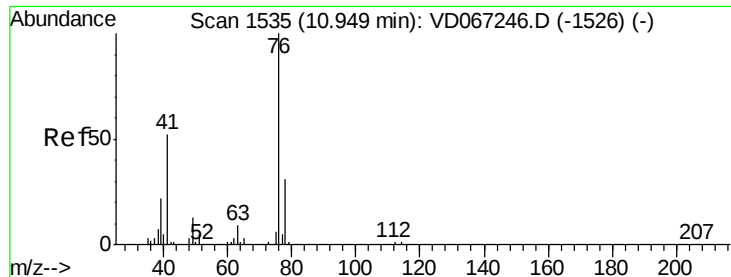
#56
 Ethyl methacrylate
 Concen: 156.366 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

Tgt Ion:	69	Resp:	375745
Ion	Ratio	Lower	Upper
69	100		
41	55.1	44.7	67.1
39	32.4	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

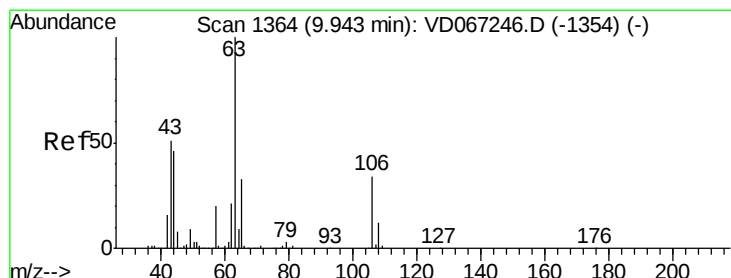
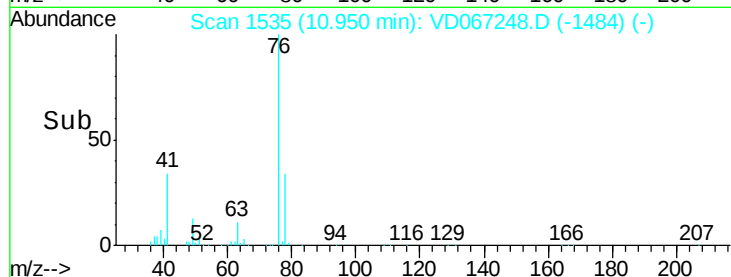
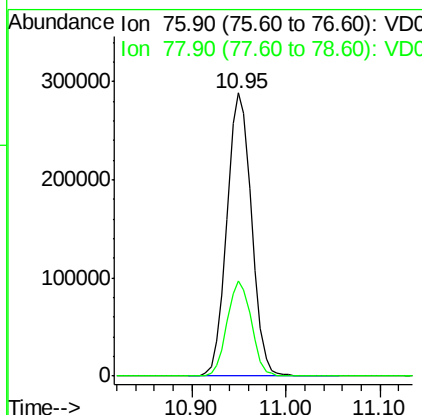
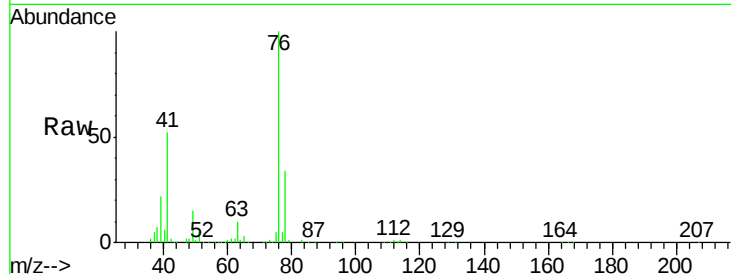




#57
 1,3-Dichloropropane
 Concen: 136.070 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

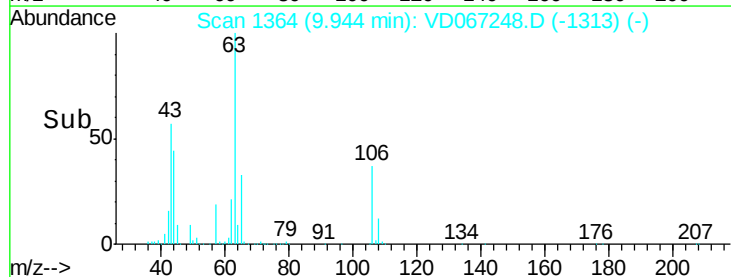
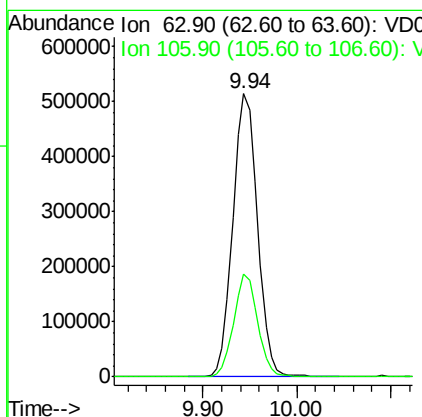
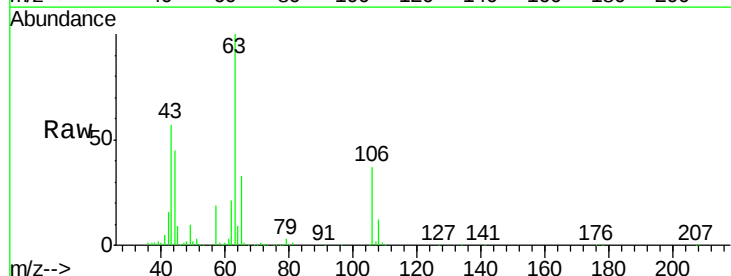
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

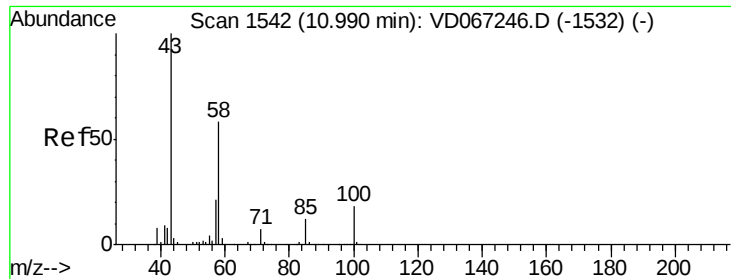
Tgt Ion: 76 Resp: 523902
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.8 40.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 758.629 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

Tgt Ion: 63 Resp: 938990
 Ion Ratio Lower Upper
 63 100
 106 35.4 27.8 41.6

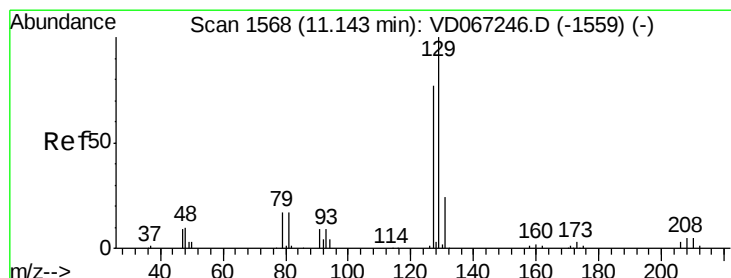
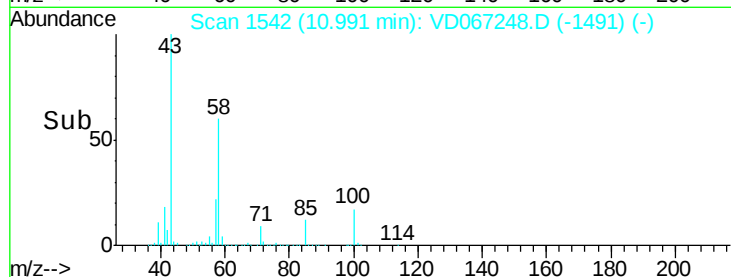
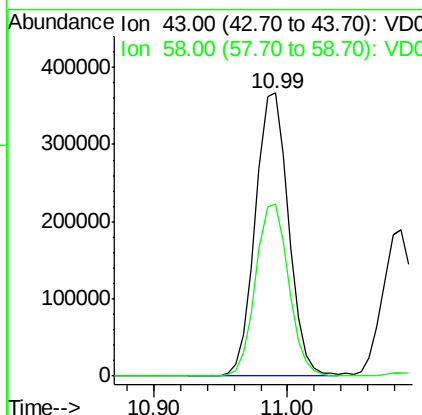
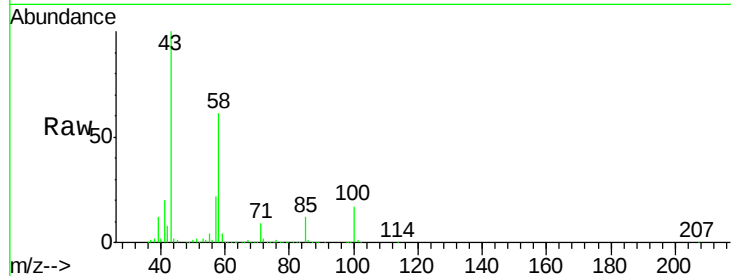




#59
2-Hexanone
Concen: 723.278 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

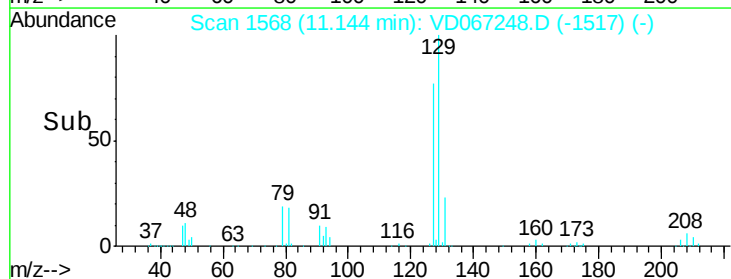
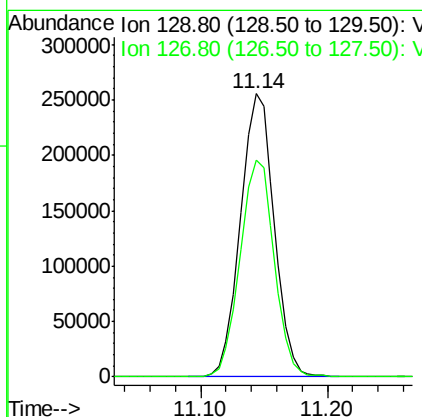
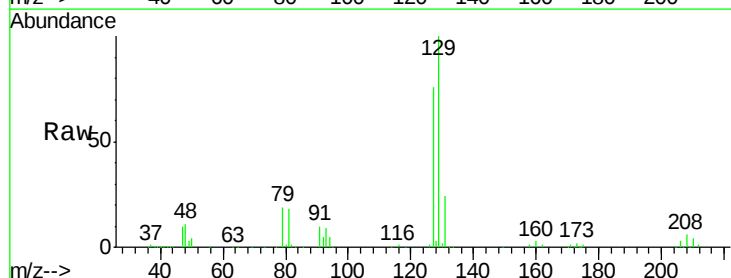
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

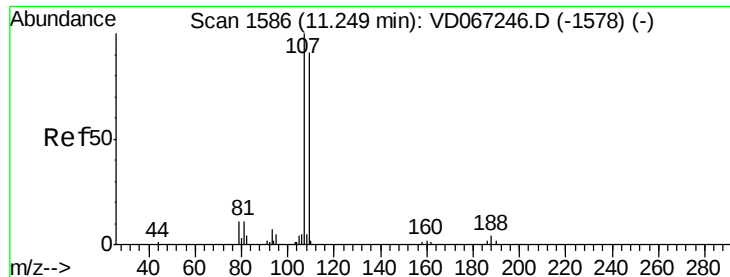
Tgt Ion: 43 Resp: 631258
Ion Ratio Lower Upper
43 100
58 60.5 29.3 87.9



#60
Dibromochloromethane
Concen: 132.834 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Tgt Ion: 129 Resp: 471835
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.8





#61

1,2-Dibromoethane

Concen: 132.875 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

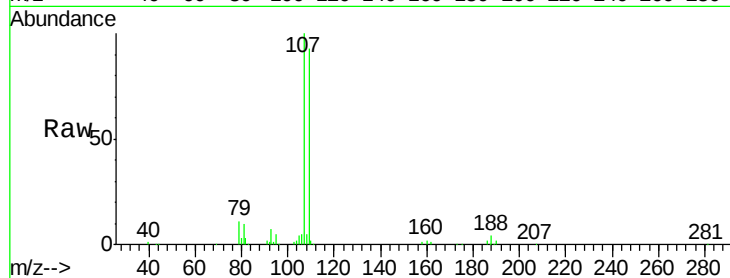
VSTDIC150

Tgt Ion: 107 Resp: 318150

Ion Ratio Lower Upper

107 100

109 94.5 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.25

200000

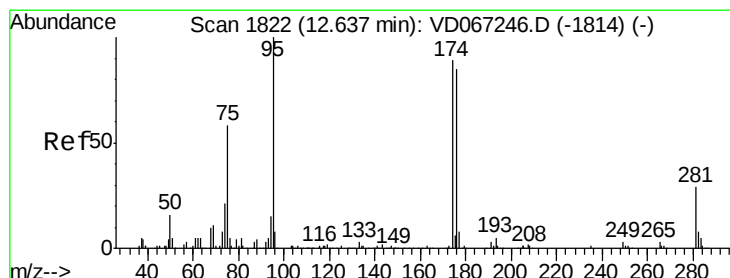
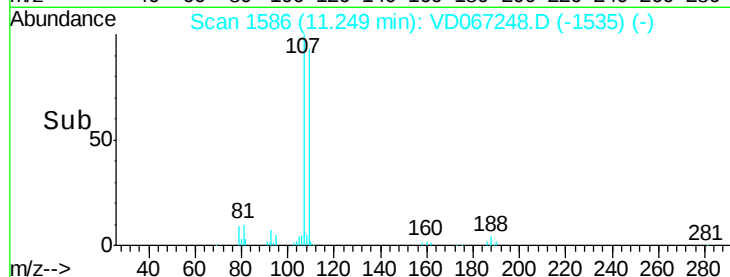
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 145.490 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

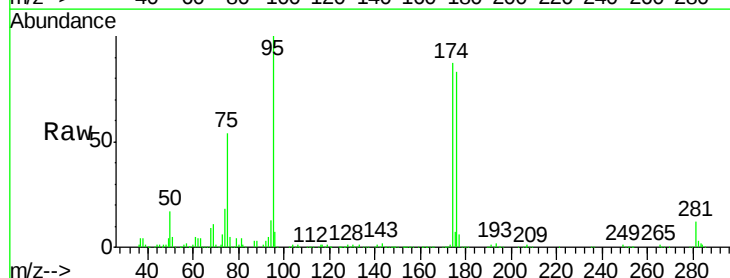
Tgt Ion: 95 Resp: 631690

Ion Ratio Lower Upper

95 100

174 86.5 0.0 175.2

176 82.6 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

500000

400000

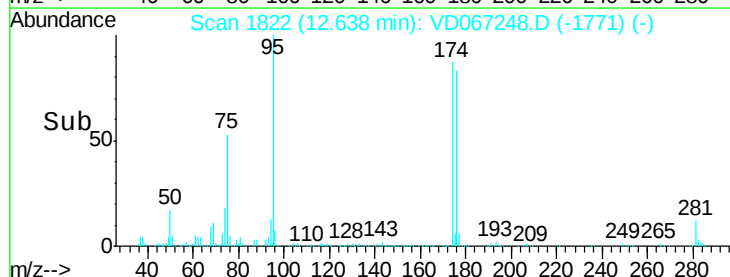
300000

200000

100000

0

Time-->

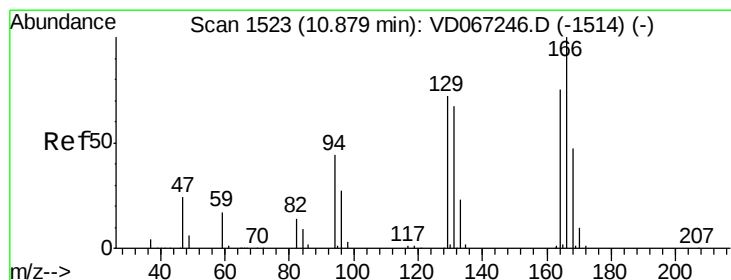
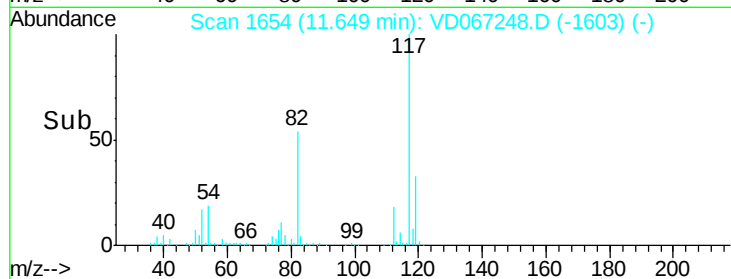
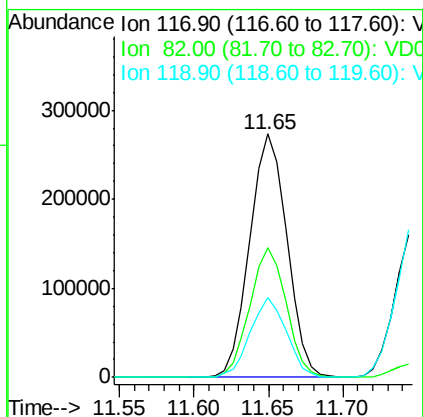
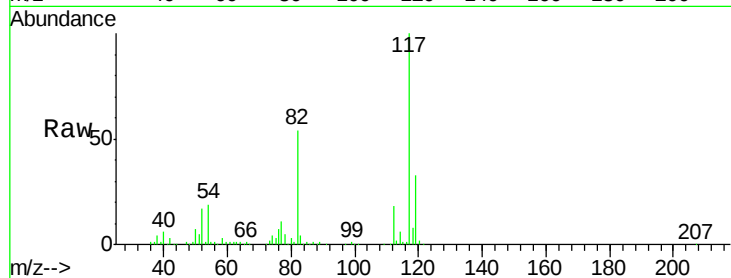




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

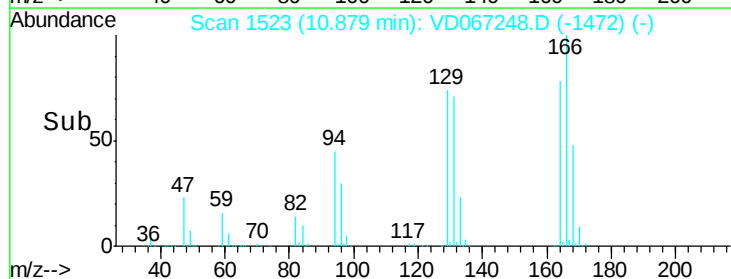
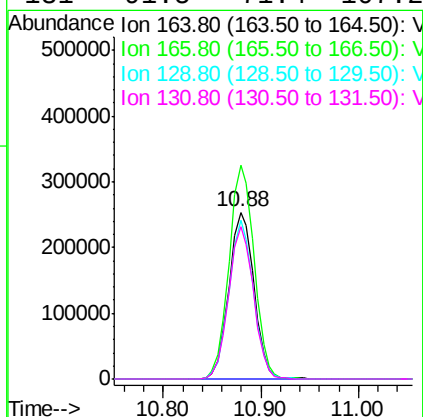
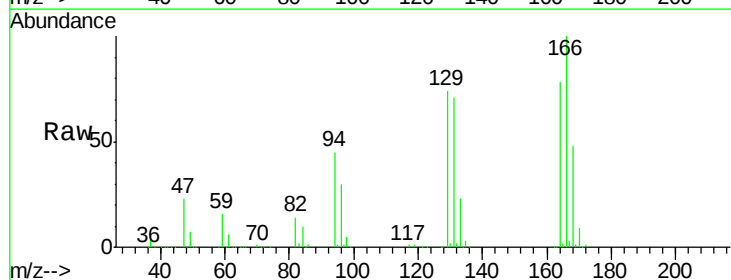
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

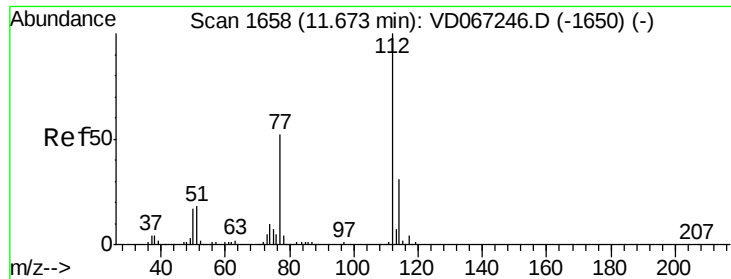
Tgt Ion:117 Resp: 472042
Ion Ratio Lower Upper
117 100
82 53.5 39.9 59.9
119 32.6 24.9 37.3



#64
Tetrachloroethene
Concen: 126.237 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Tgt Ion:164 Resp: 454097
Ion Ratio Lower Upper
164 100
166 128.1 107.3 160.9
129 95.2 77.3 115.9
131 91.5 71.4 107.2

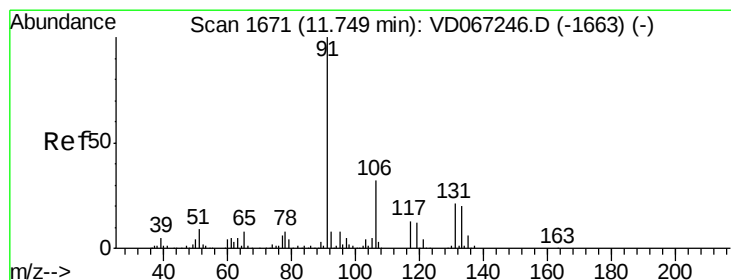
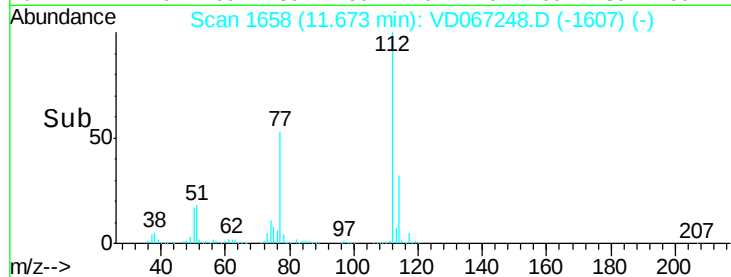
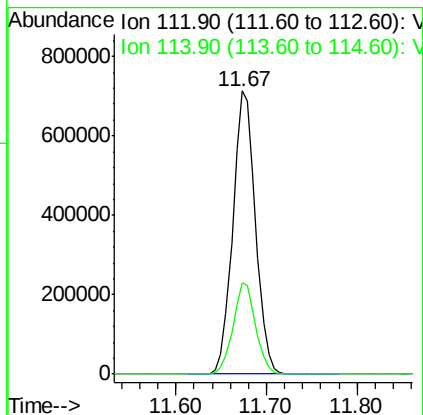
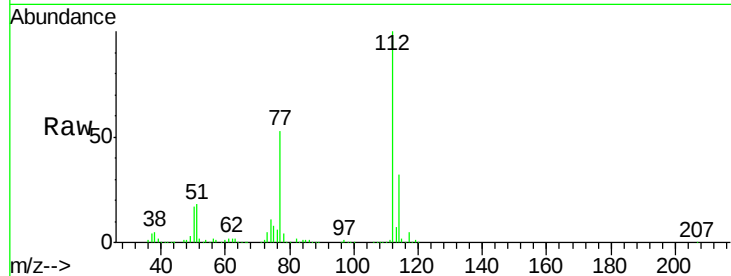




#65
Chlorobenzene
Concen: 132.131 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

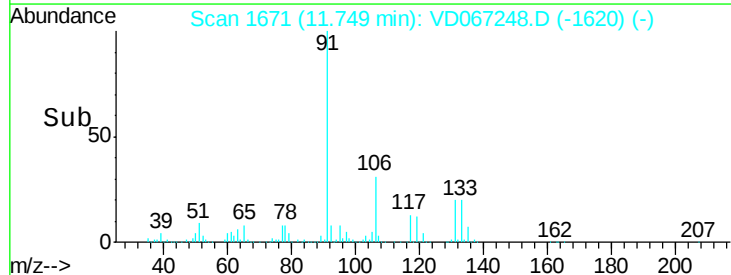
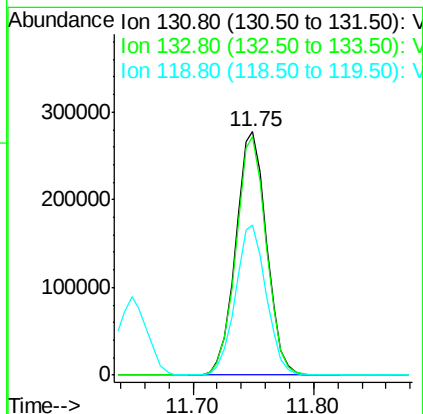
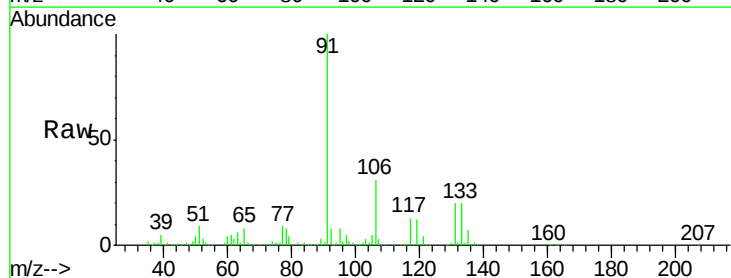
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

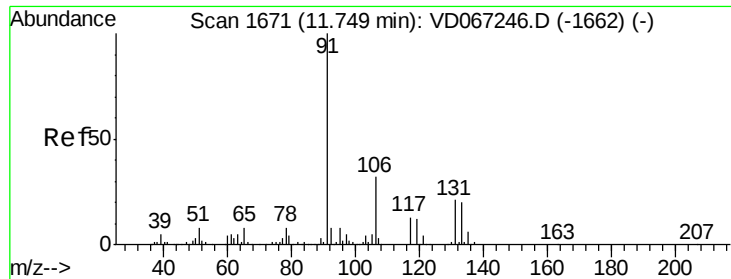
Tgt Ion:112 Resp: 1240637
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 132.225 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Tgt Ion:131 Resp: 492994
Ion Ratio Lower Upper
131 100
133 96.5 48.1 144.3
119 61.5 30.0 90.0

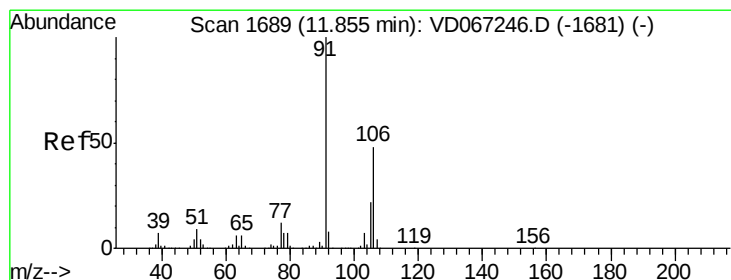
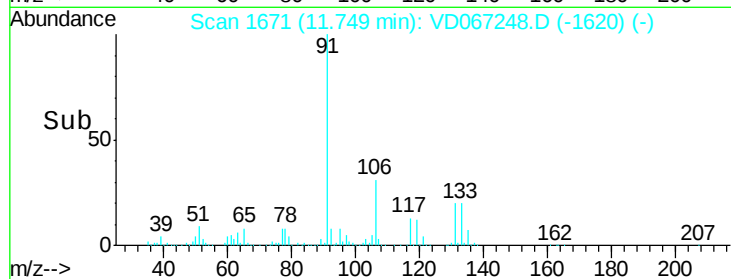
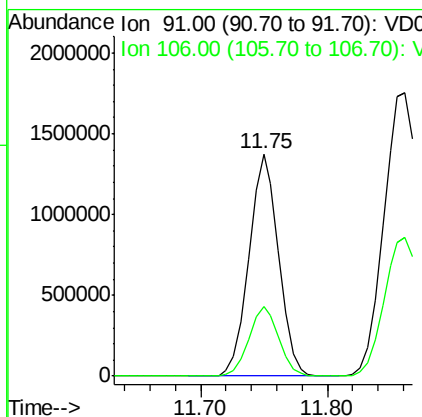
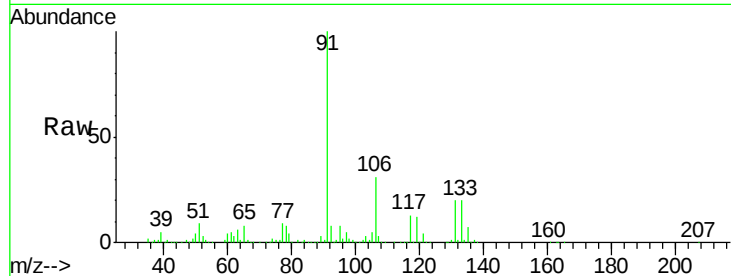




#67
Ethyl Benzene
Concen: 141.165 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

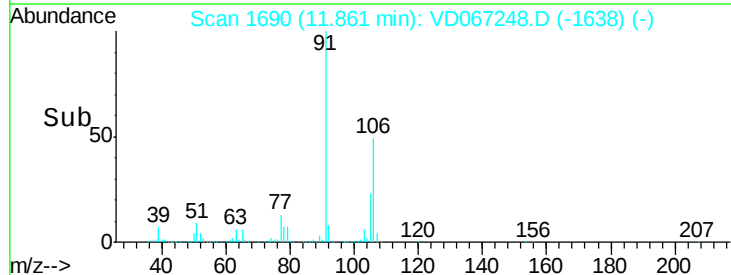
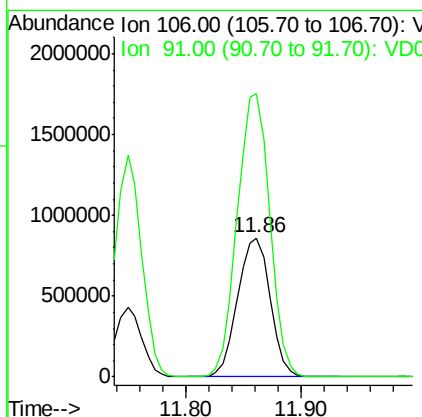
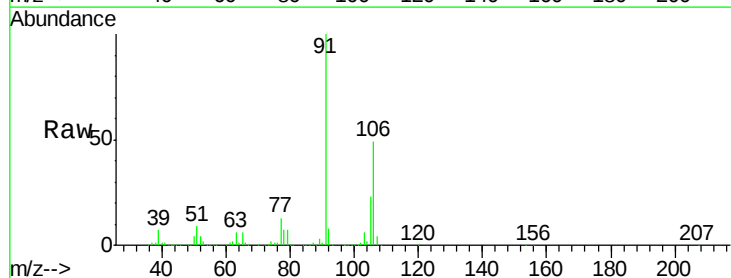
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

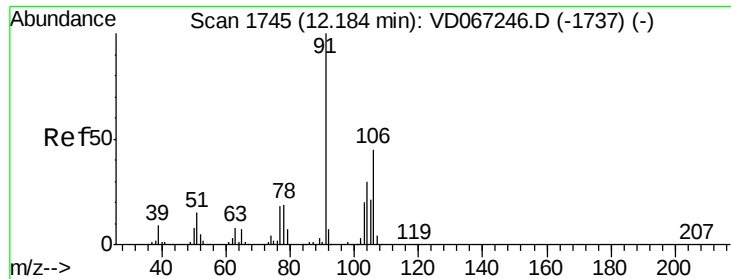
Tgt Ion: 91 Resp: 2230082
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0



#68
m/p-Xylenes
Concen: 273.793 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Tgt Ion: 106 Resp: 1680426
Ion Ratio Lower Upper
106 100
91 204.2 163.8 245.8

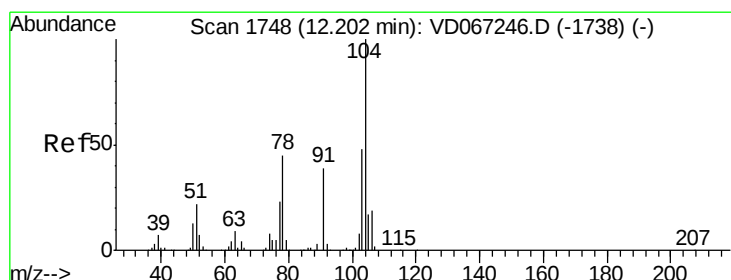
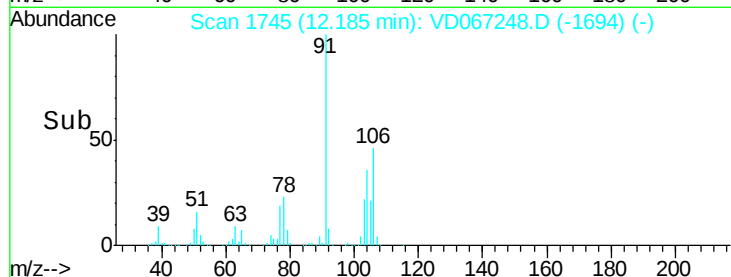
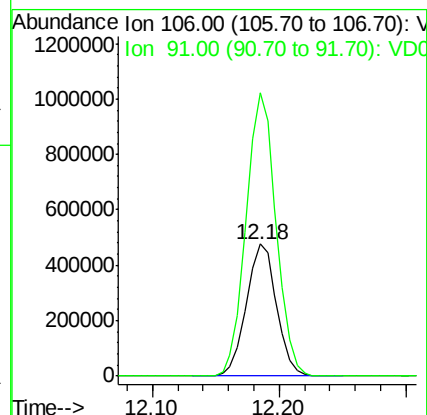
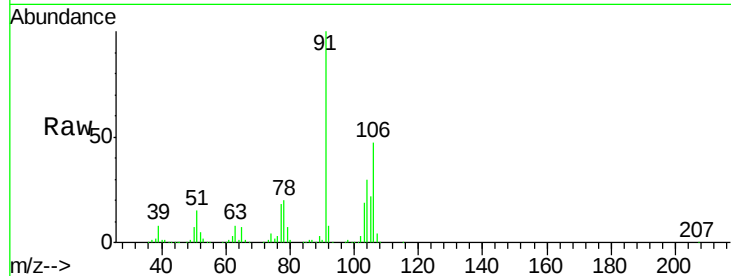




#69
o-Xylene
Concen: 138.189 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

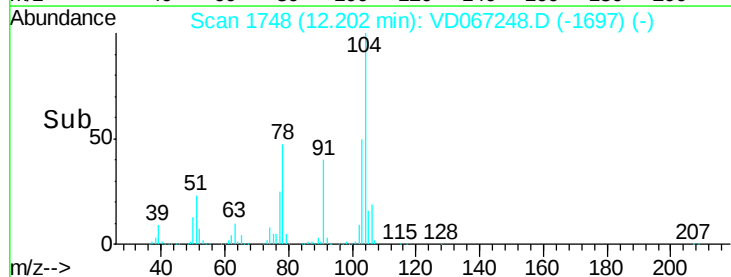
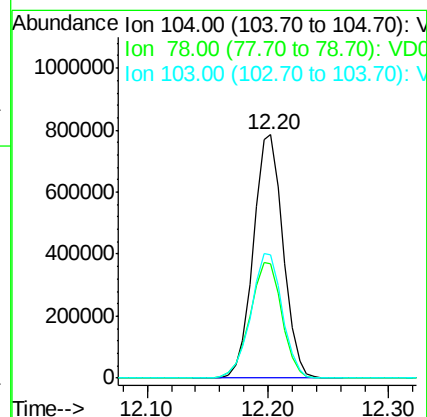
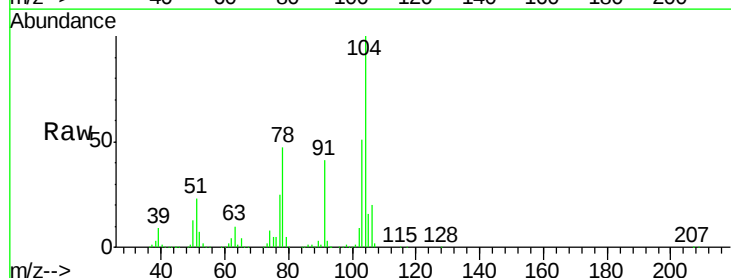
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

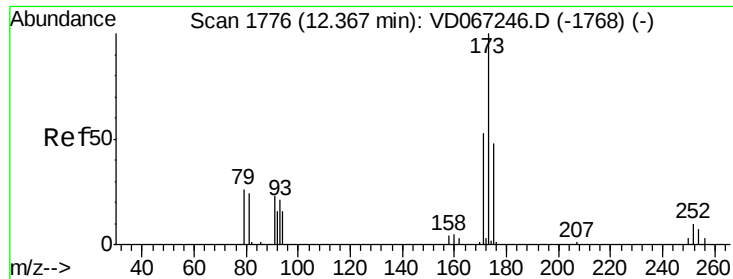
Tgt Ion:106 Resp: 784234
Ion Ratio Lower Upper
106 100
91 213.4 109.1 327.3



#70
Styrene
Concen: 138.091 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Tgt Ion:104 Resp: 1346596
Ion Ratio Lower Upper
104 100
78 50.9 39.8 59.6
103 53.9 42.6 64.0

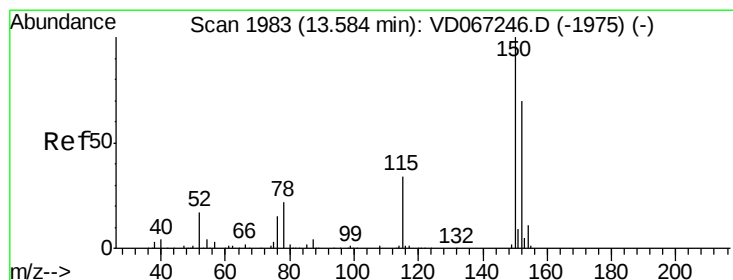
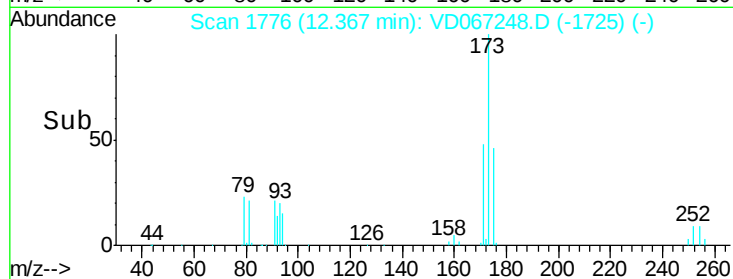
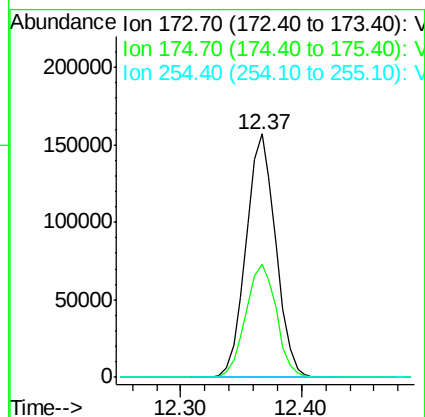
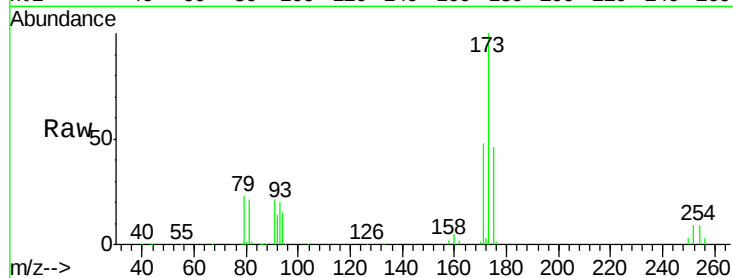




#71
Bromoform
Concen: 135.010 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

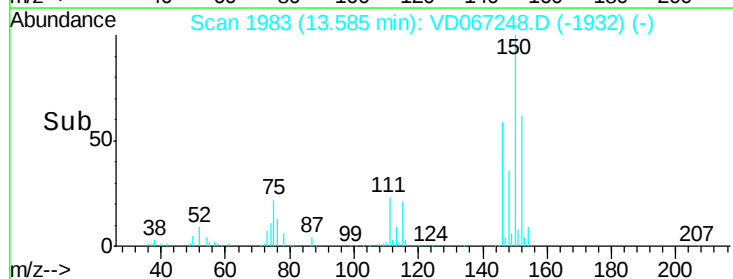
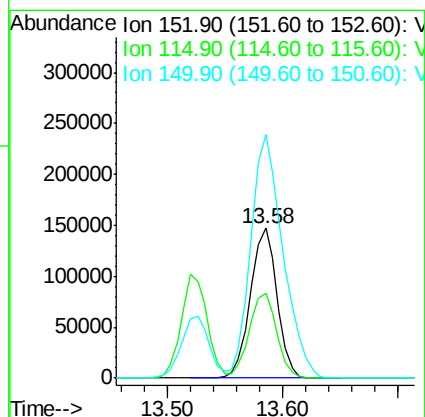
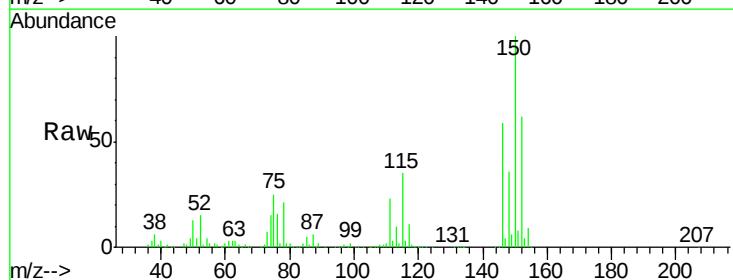
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

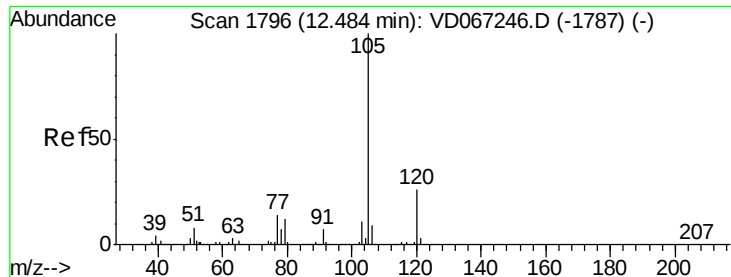
Tgt Ion:173 Resp: 269209
Ion Ratio Lower Upper
173 100
175 48.0 24.2 72.6
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Tgt Ion:152 Resp: 236222
Ion Ratio Lower Upper
152 100
115 58.5 29.3 87.9
150 196.3 0.0 339.0





#73

Isopropylbenzene

Concen: 145.450 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

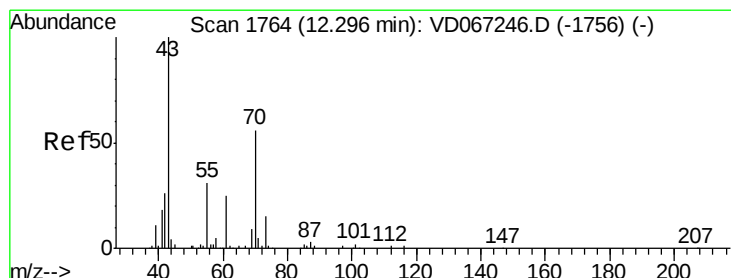
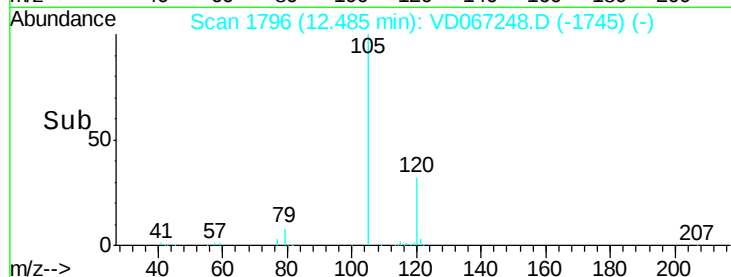
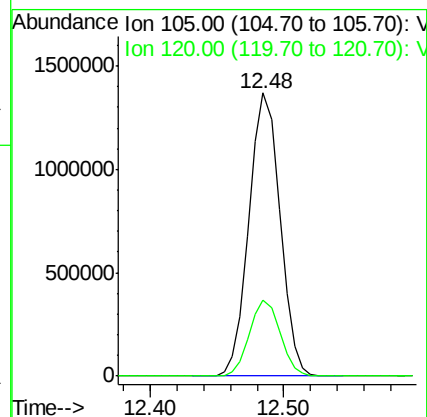
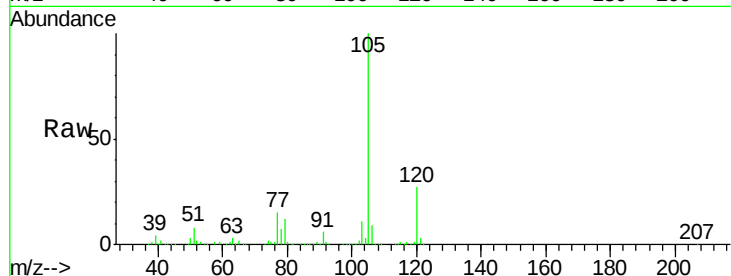
VSTDIC150

Tgt Ion:105 Resp: 2197138

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 153.290 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Tgt Ion: 43 Resp: 344870

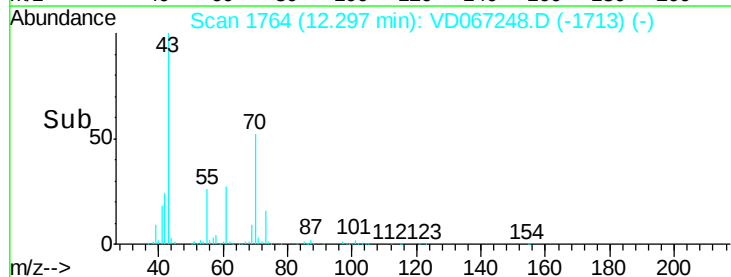
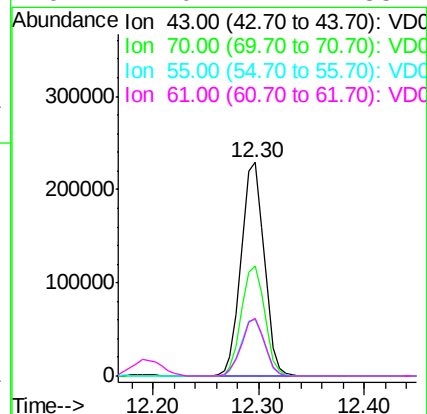
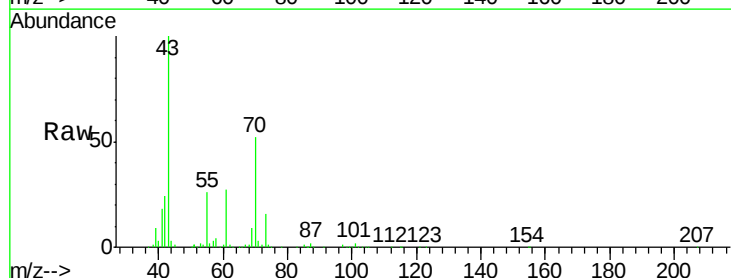
Ion Ratio Lower Upper

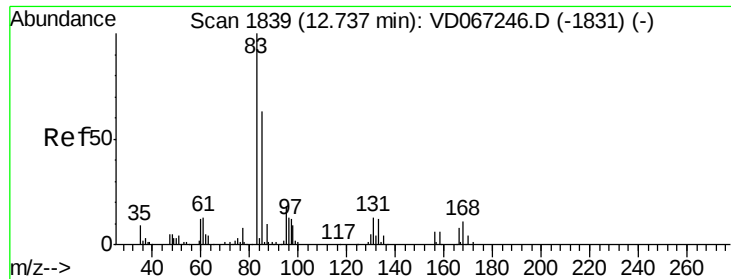
43 100

70 52.1 42.7 64.1

55 26.9 24.0 36.0

61 27.0 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 135.044 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

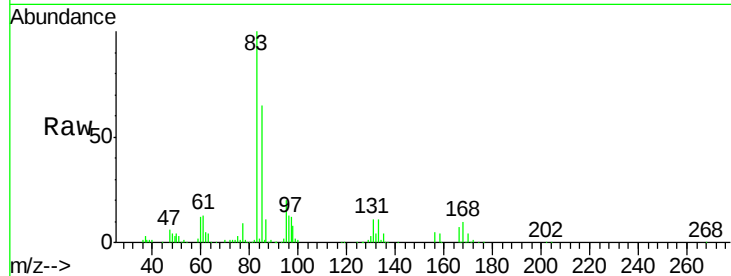
Tgt Ion: 83 Resp: 318906

Ion Ratio Lower Upper

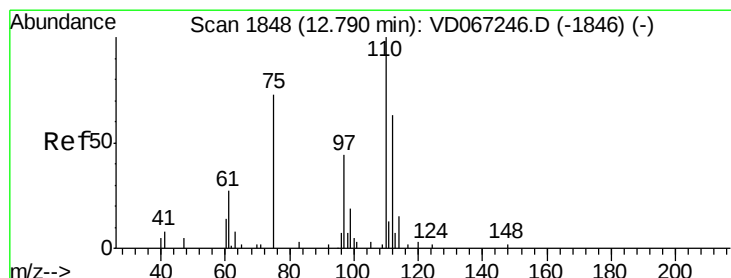
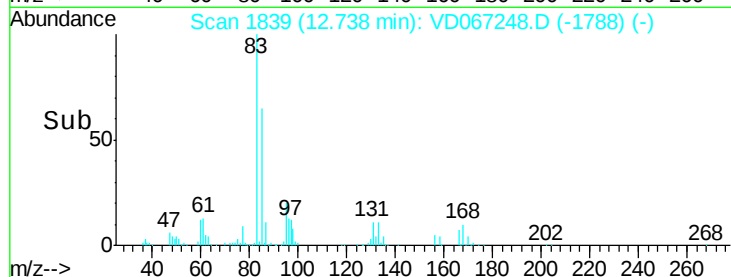
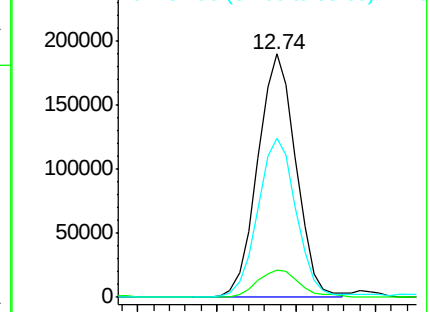
83 100

131 12.5 6.5 19.5

85 65.6 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: 256.505 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067248.D

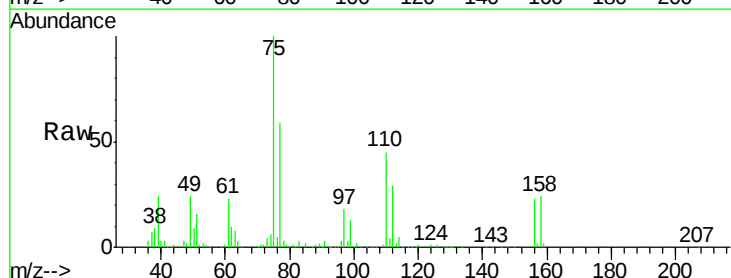
Acq: 13 Oct 2020 12:43

Tgt Ion: 75 Resp: 433347

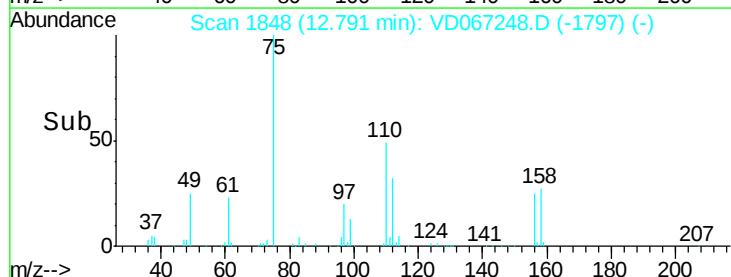
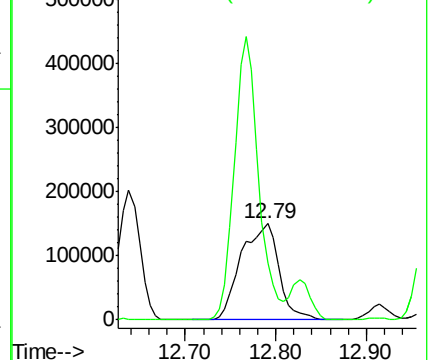
Ion Ratio Lower Upper

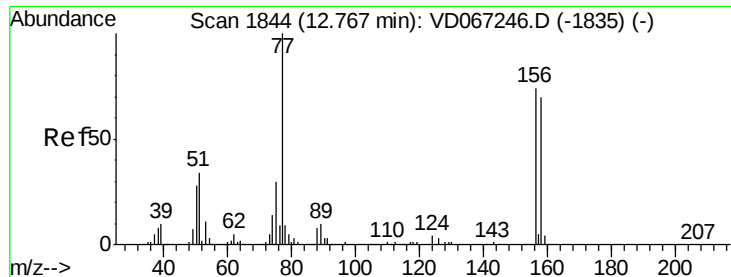
75 100

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: 136.590 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

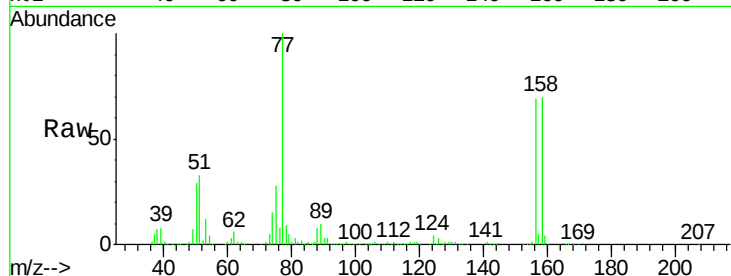
Tgt Ion:156 Resp: 525183

Ion Ratio Lower Upper

156 100

77 157.7 78.0 233.8

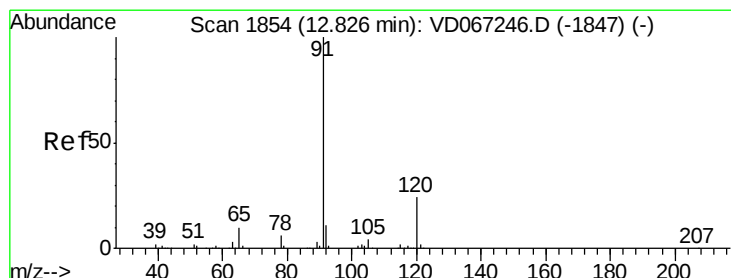
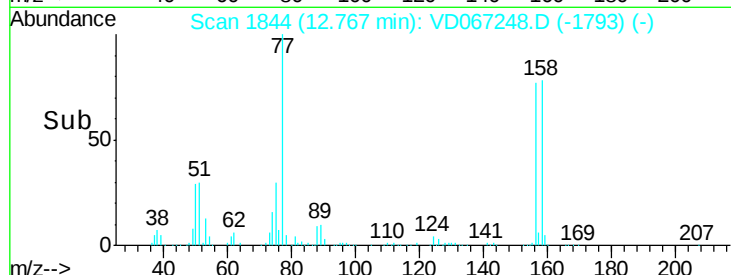
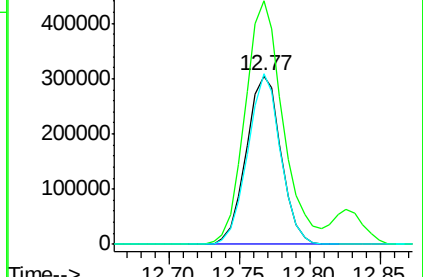
158 96.4 49.1 147.3



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: 139.406 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067248.D

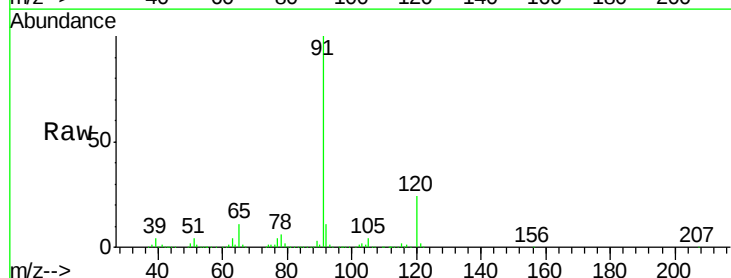
Acq: 13 Oct 2020 12:43

Tgt Ion: 91 Resp: 2476596

Ion Ratio Lower Upper

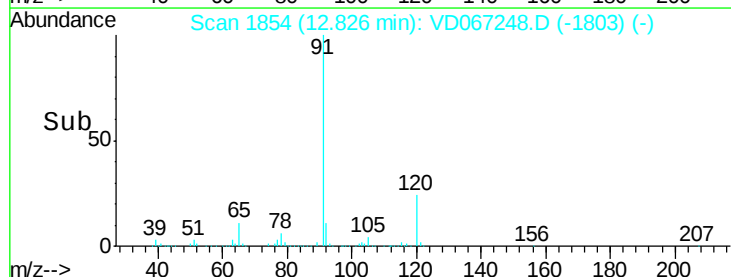
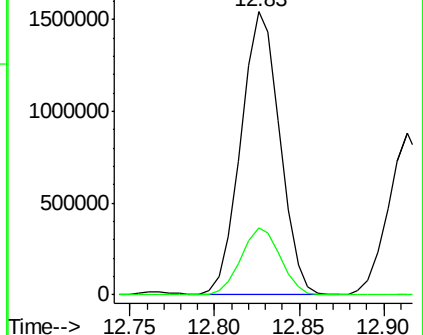
91 100

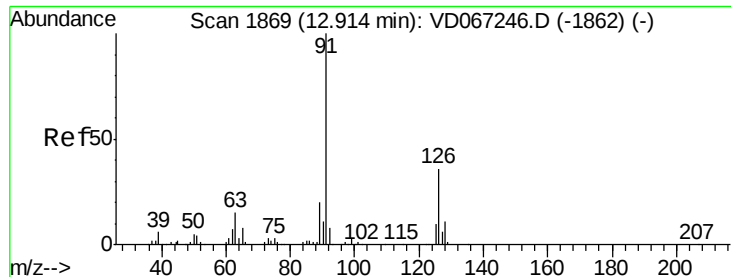
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 137.950 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

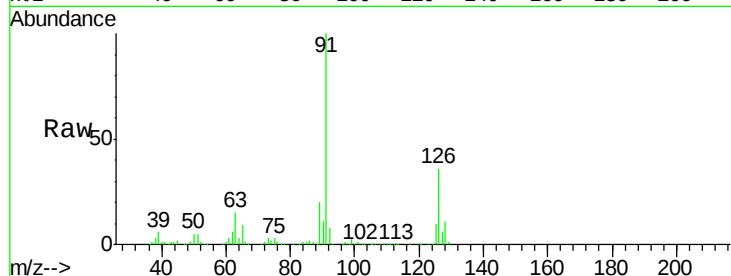
VSTDIC150

Tgt Ion: 91 Resp: 1428666

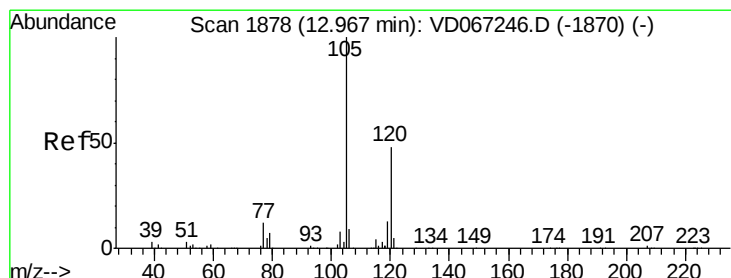
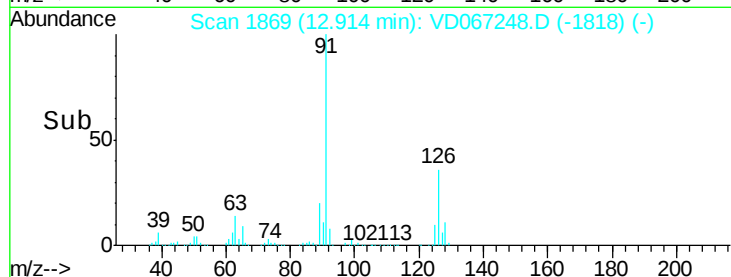
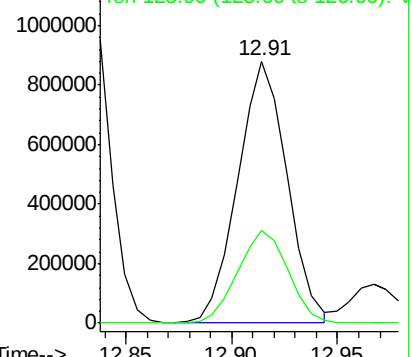
Ion Ratio Lower Upper

91 100

126 36.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VD067248.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 139.846 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067248.D

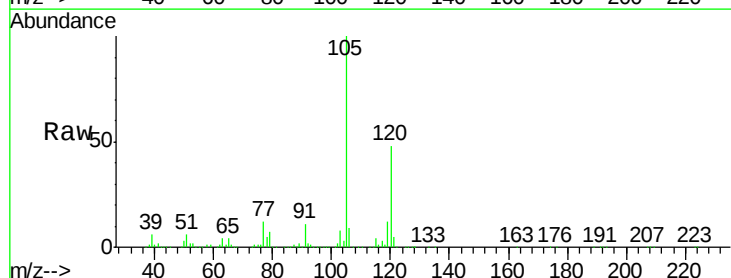
Acq: 13 Oct 2020 12:43

Tgt Ion: 105 Resp: 1858829

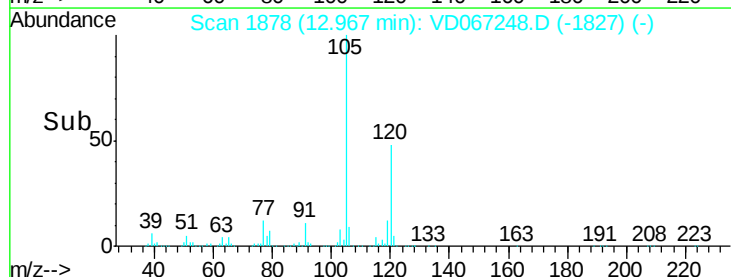
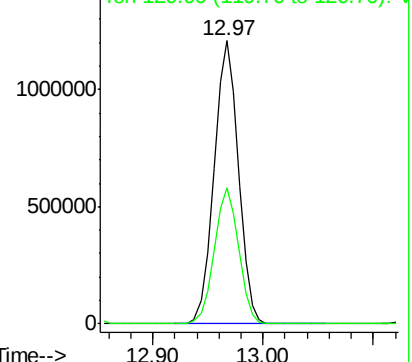
Ion Ratio Lower Upper

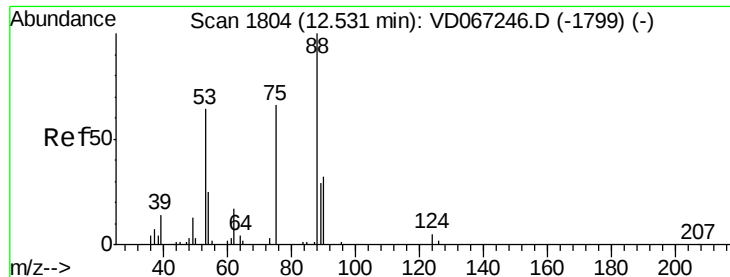
105 100

120 48.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067248.D (-1870) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 148.080 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

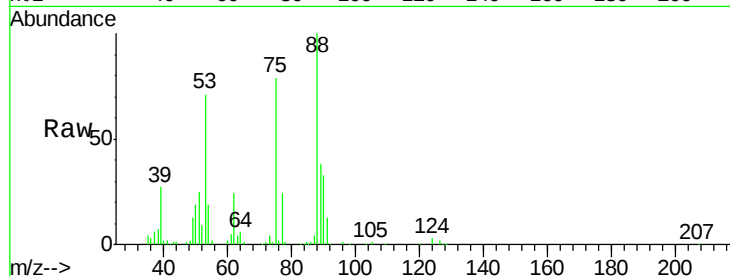
Tgt Ion: 75 Resp: 107716

Ion Ratio Lower Upper

75 100

53 88.5 78.5 117.7

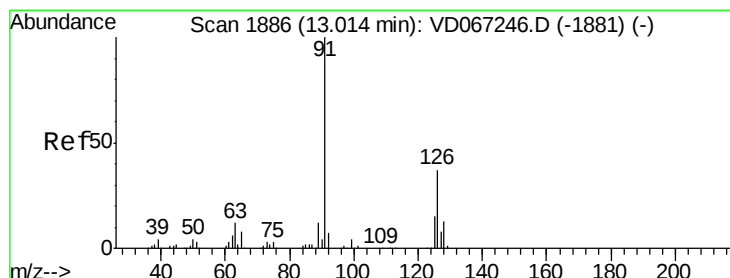
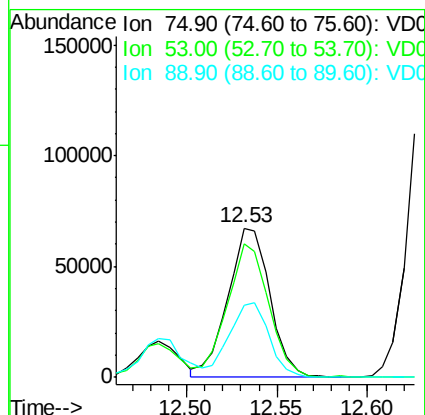
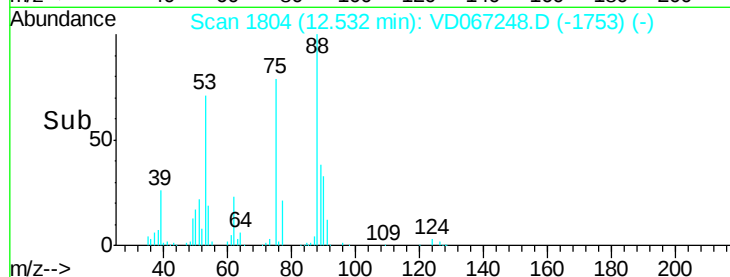
89 48.0 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 133.706 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD067248.D

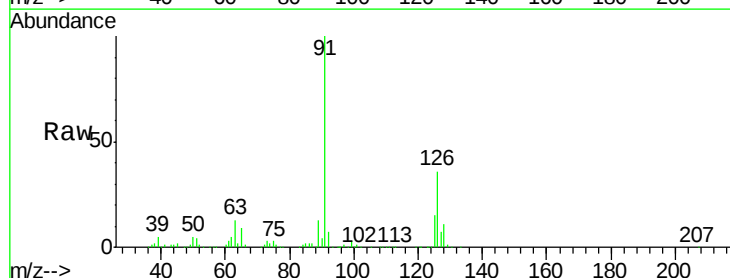
Acq: 13 Oct 2020 12:43

Tgt Ion: 91 Resp: 1477747

Ion Ratio Lower Upper

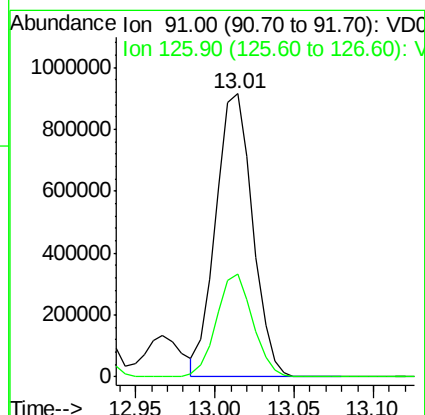
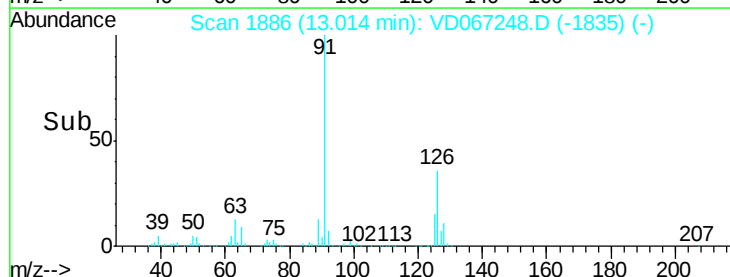
91 100

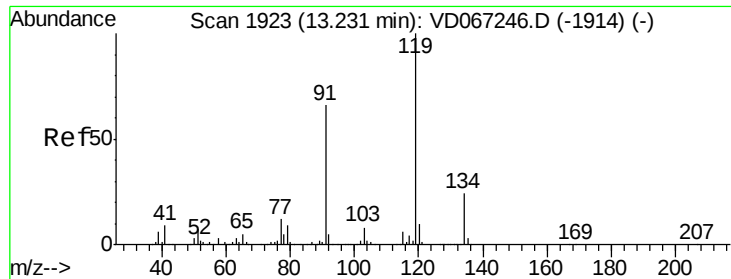
126 35.7 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

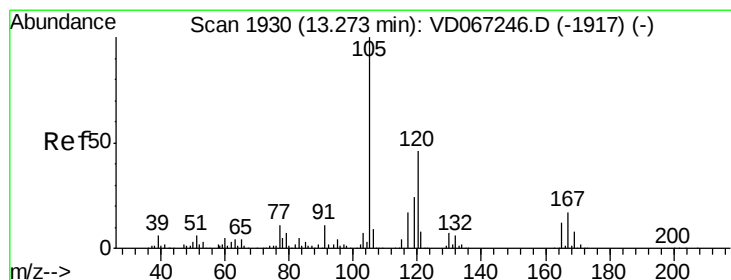
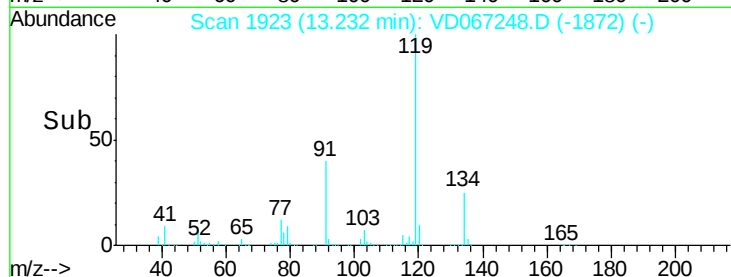
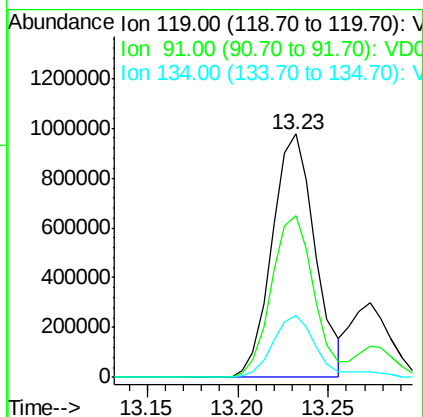
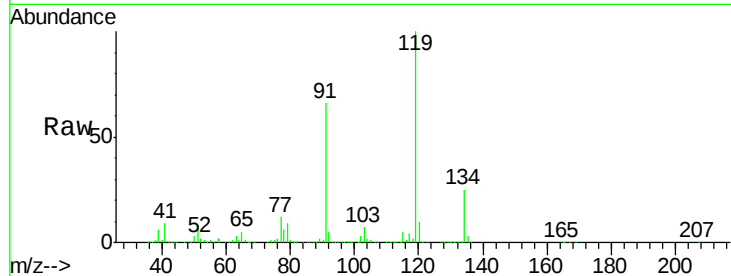




#83
 tert-Butylbenzene
 Concen: 145.634 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

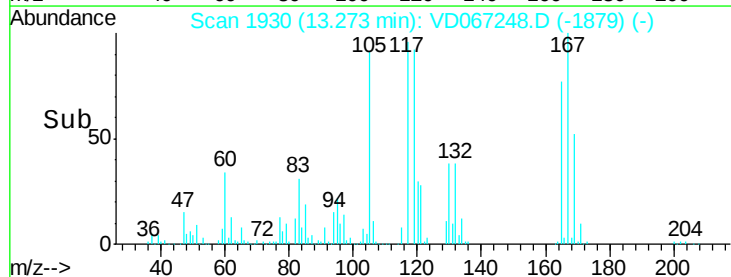
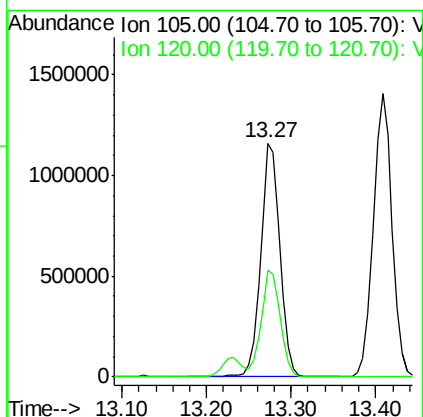
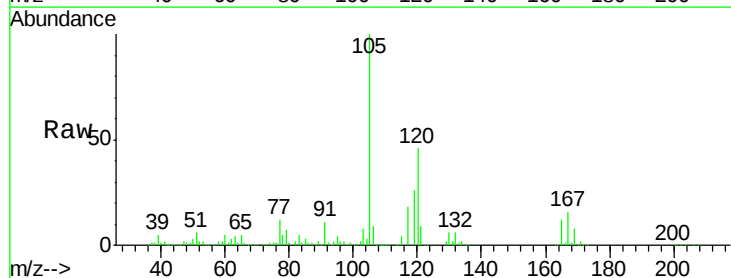
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

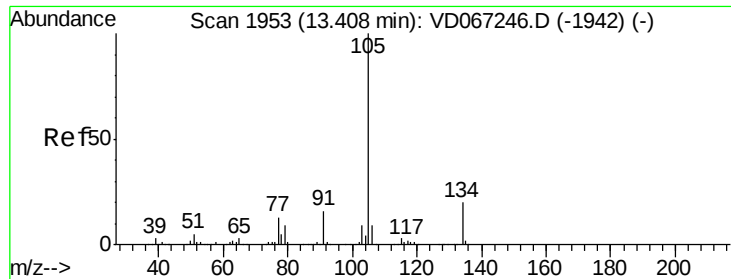
Tgt Ion:119 Resp: 1616128
 Ion Ratio Lower Upper
 119 100
 91 66.5 33.1 99.2
 134 26.7 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 141.865 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

Tgt Ion:105 Resp: 1855490
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.3





#85

sec-Butylbenzene

Concen: 141.046 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

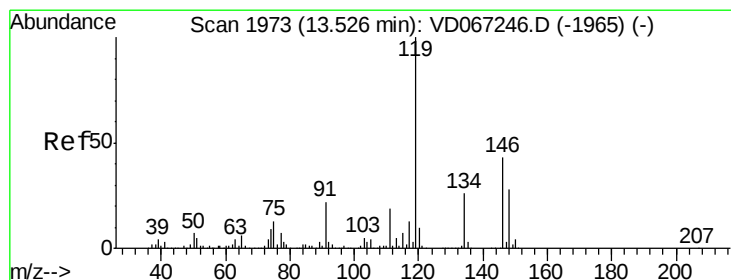
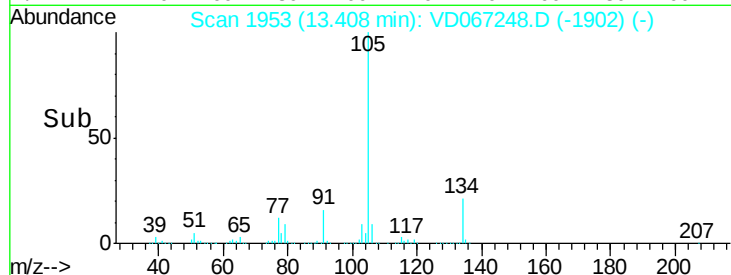
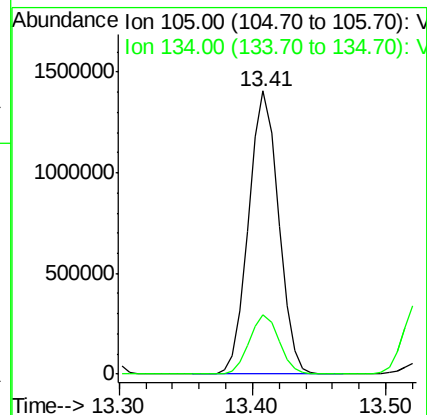
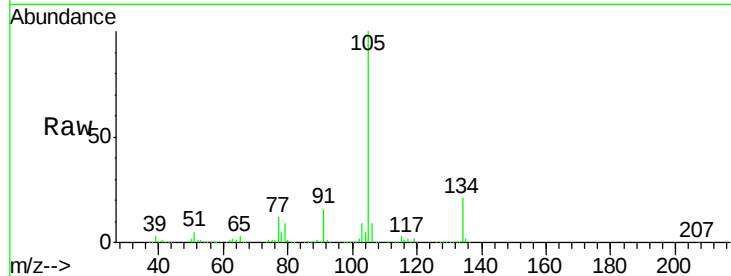
VSTDIC150

Tgt Ion:105 Resp: 2170648

Ion Ratio Lower Upper

105 100

134 20.9 10.5 31.5



#86

p-Isopropyltoluene

Concen: 139.575 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

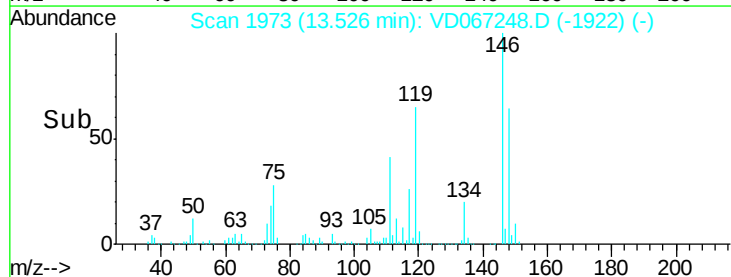
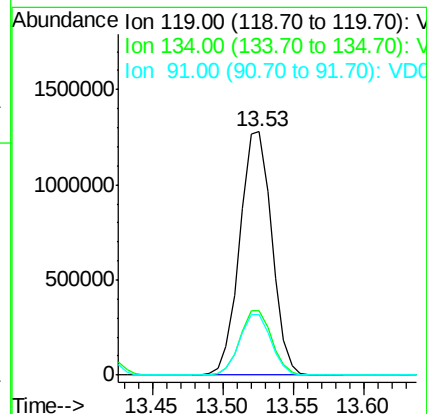
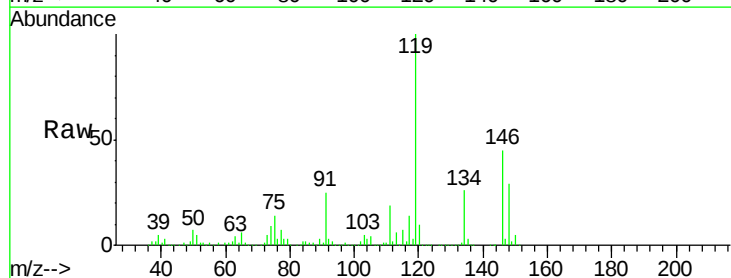
Tgt Ion:119 Resp: 2030171

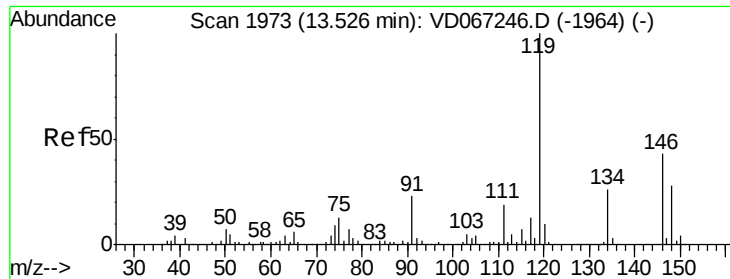
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 24.6 11.9 35.9

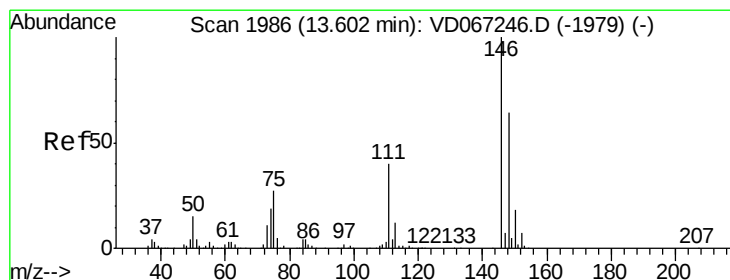
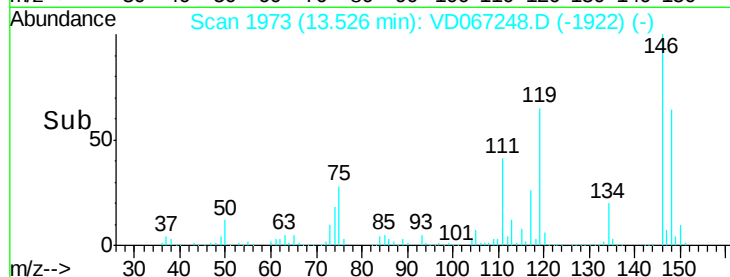
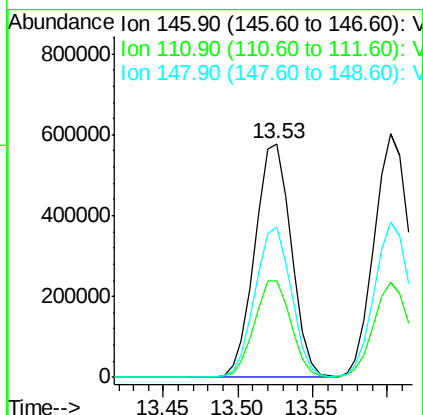
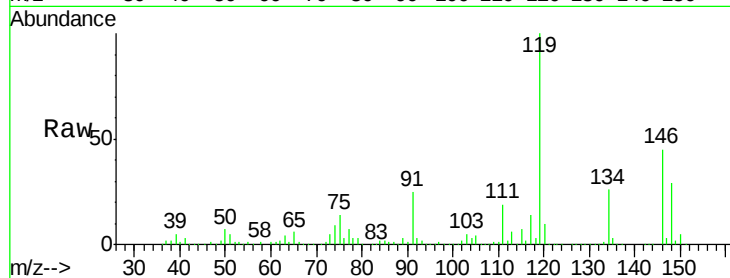




#87
 1,3-Dichlorobenzene
 Concen: 129.443 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

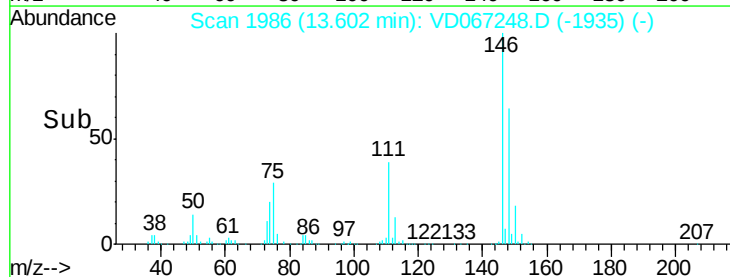
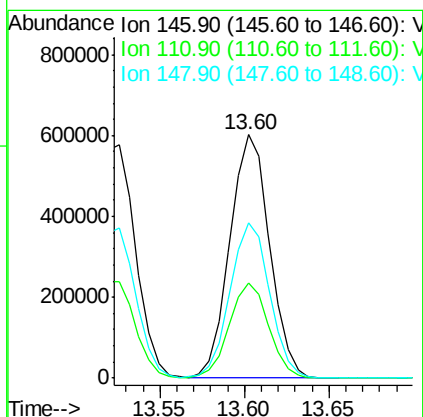
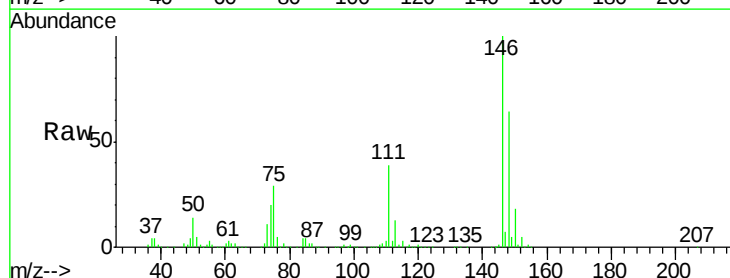
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

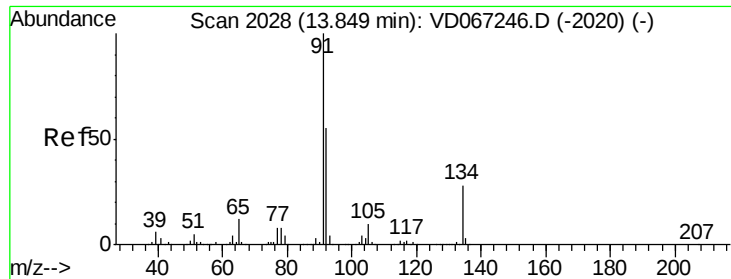
Tgt Ion:146 Resp: 974483
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.1 63.3
 148 64.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 133.459 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

Tgt Ion:146 Resp: 985309
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.9 59.7
 148 63.7 31.9 95.9

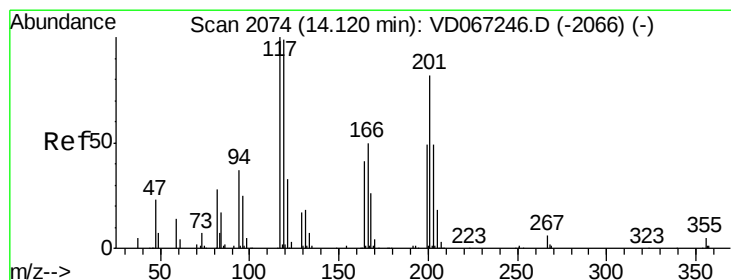
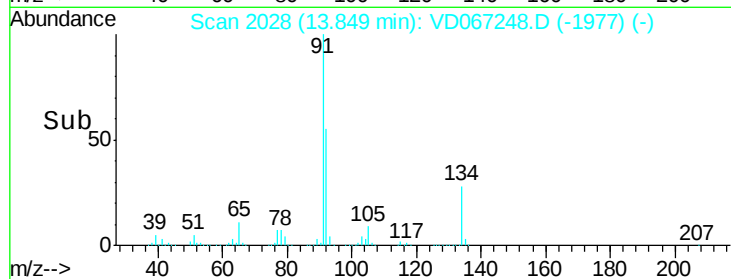
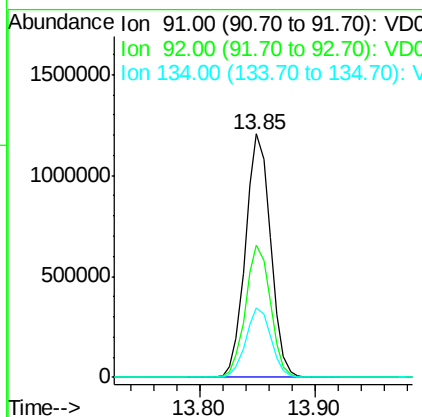
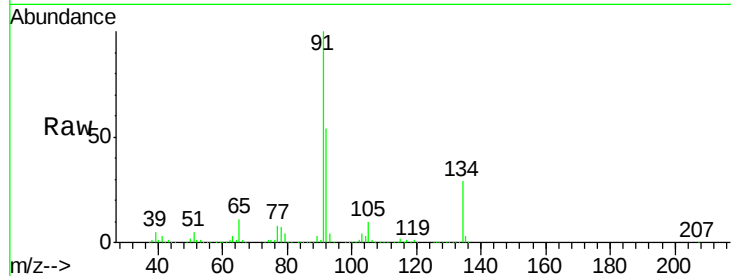




#89
n-Butylbenzene
Concen: 143.815 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

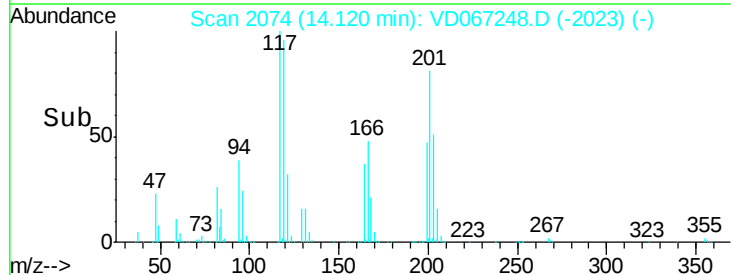
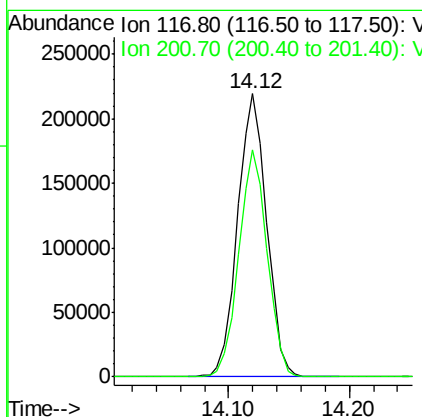
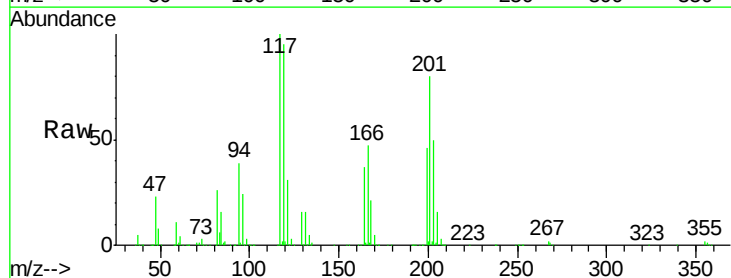
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

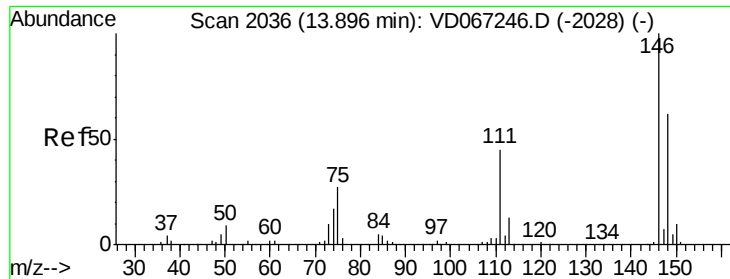
Tgt Ion: 91 Resp: 1825187
Ion Ratio Lower Upper
91 100
92 53.9 26.7 80.0
134 28.6 14.2 42.6



#90
Hexachloroethane
Concen: 145.469 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Tgt Ion: 117 Resp: 367095
Ion Ratio Lower Upper
117 100
201 78.7 40.8 122.2





#91

1,2-Dichlorobenzene

Concen: 132.771 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

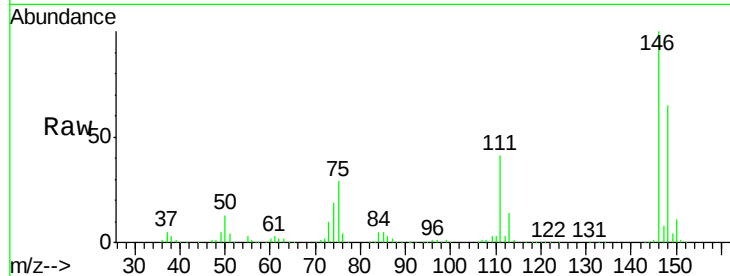
Tgt Ion:146 Resp: 864692

Ion Ratio Lower Upper

146 100

111 41.8 22.0 66.0

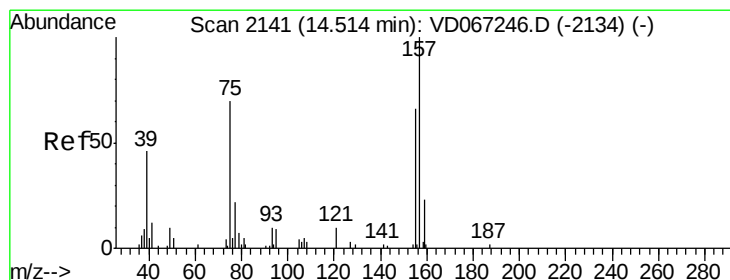
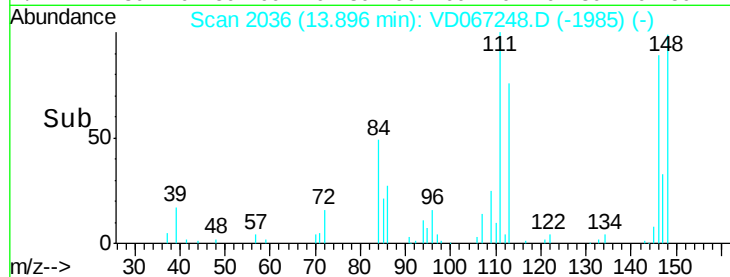
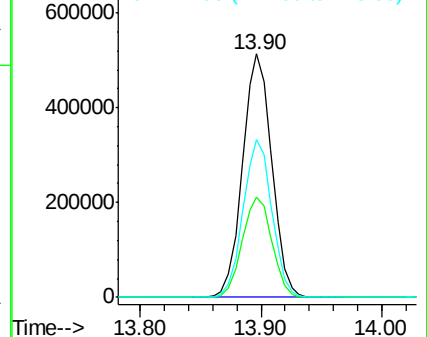
148 64.0 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 141.409 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD067248.D

Acq: 13 Oct 2020 12:43

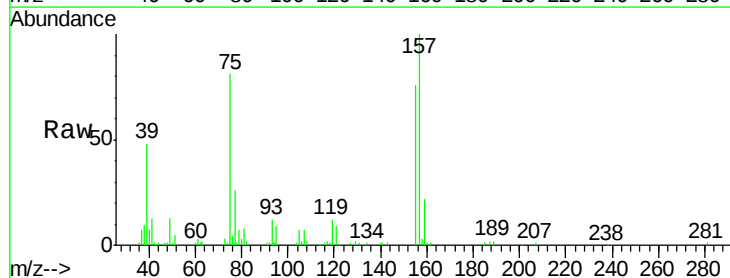
Tgt Ion: 75 Resp: 60150

Ion Ratio Lower Upper

75 100

155 92.6 44.8 134.4

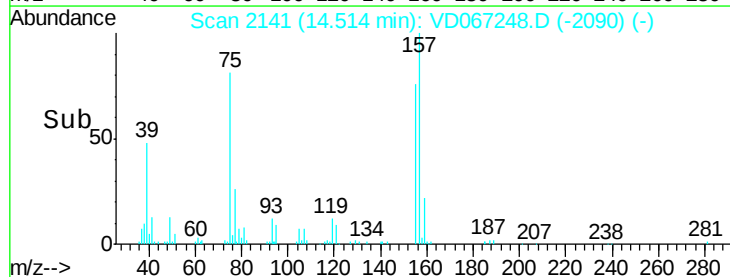
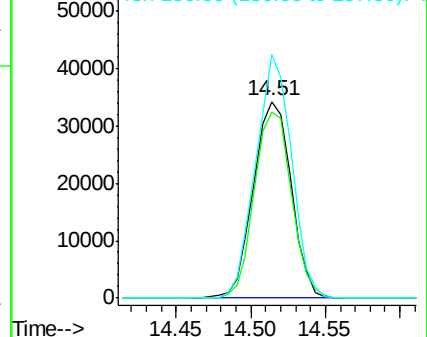
157 117.4 62.5 187.4

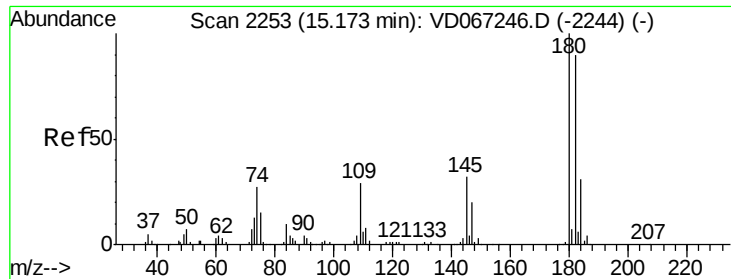


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

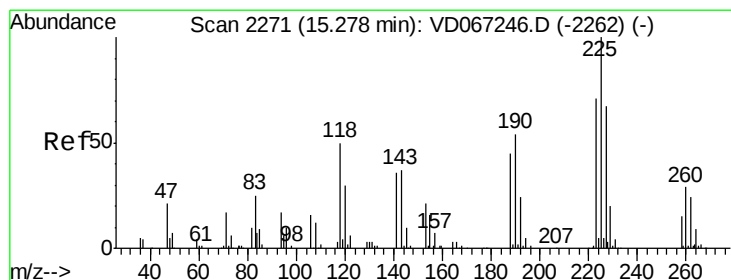
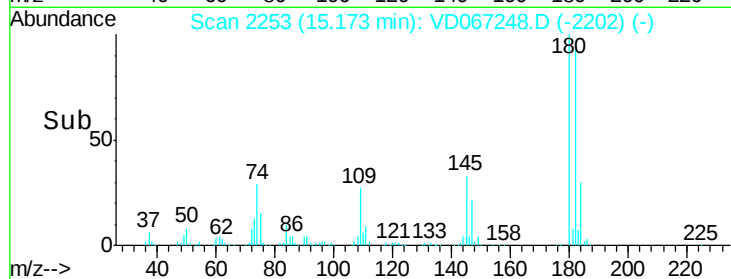
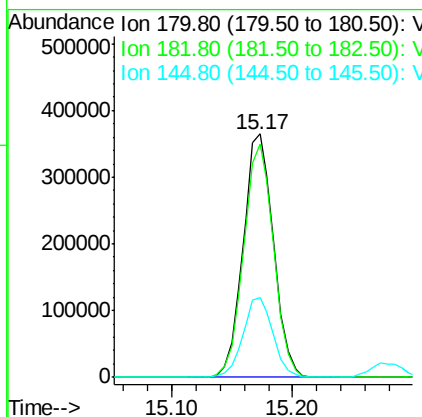
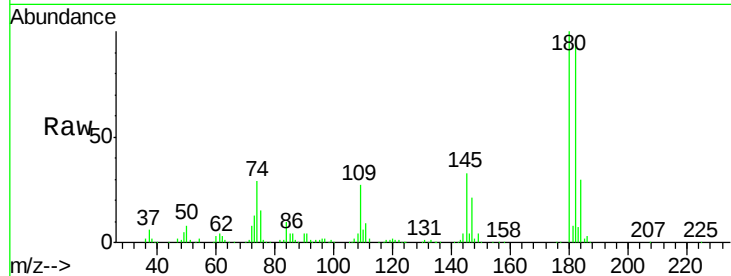




#93
 1,2,4-Trichlorobenzene
 Concen: 150.398 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

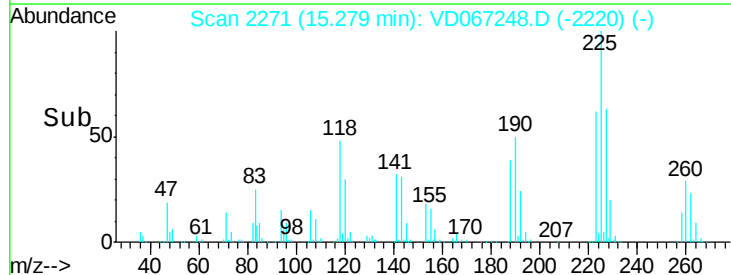
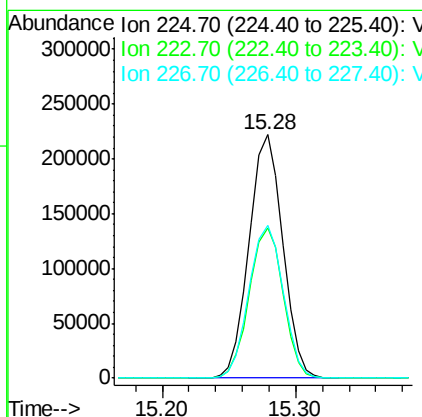
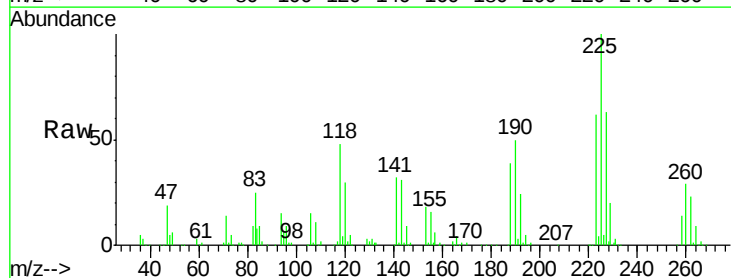
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

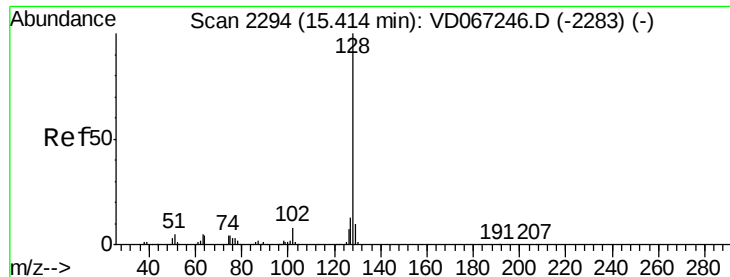
Tgt Ion:180 Resp: 637316
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.1 144.4
 145 32.3 16.3 48.9



#94
 Hexachlorobutadiene
 Concen: 145.371 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067248.D
 Acq: 13 Oct 2020 12:43

Tgt Ion:225 Resp: 386652
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.9 95.7
 227 63.9 31.2 93.6

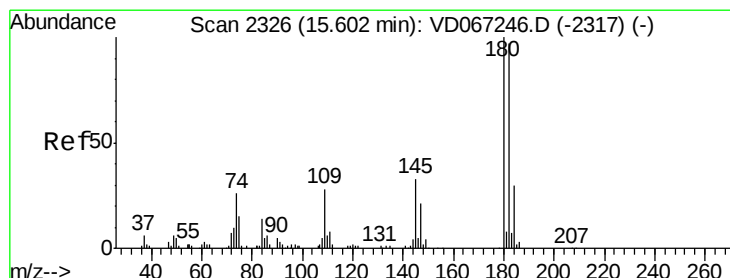
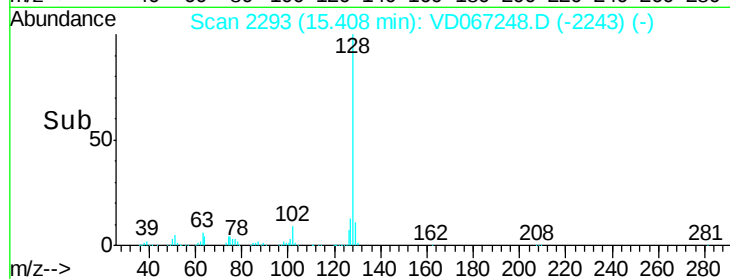
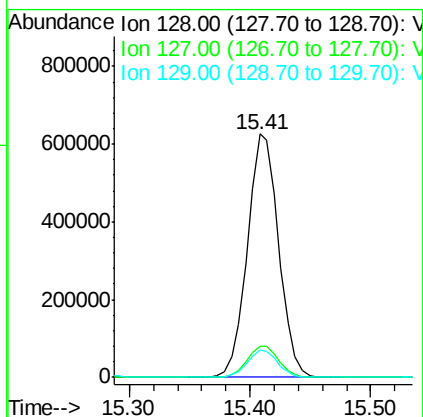
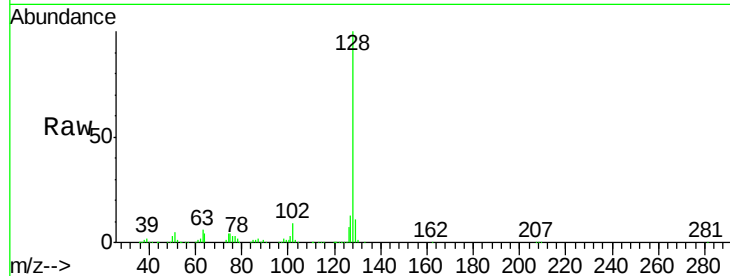




#95
Naphthalene
Concen: 169.631 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1128244
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 152.356 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067248.D
Acq: 13 Oct 2020 12:43

Tgt Ion:180 Resp: 554395
Ion Ratio Lower Upper
180 100
182 94.3 48.1 144.3
145 33.9 17.3 51.9

