

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101320\
 Data File : VD067244.D
 Acq On : 13 Oct 2020 10:55
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Oct 13 12:25:57 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	7.99	168	327941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	492357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	459564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	236651	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	36049	10.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.40%	
35) Dibromofluoromethane	7.91	113	34892	10.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.28%	
50) Toluene-d8	10.34	98	127658	10.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.36%	
62) 4-Bromofluorobenzene	12.64	95	45176	10.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	35797	11.122	ug/l	98
3) Chloromethane	2.21	50	22009	10.196	ug/l	97
4) Vinyl Chloride	2.35	62	25340	10.620	ug/l	99
5) Bromomethane	2.77	94	19941	10.664	ug/l	87
6) Chloroethane	2.92	64	15819	10.593	ug/l	91
7) Trichlorofluoromethane	3.27	101	64108	10.692	ug/l	98
8) Diethyl Ether	3.71	74	13963	10.451	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.10	101	33809	10.617	ug/l	100
10) Methyl Iodide	4.30	142	25093	9.537	ug/l	96
11) Tert butyl alcohol	5.20	59	10384	36.799	ug/l #	81
12) 1,1-Dichloroethene	4.06	96	29534	10.546	ug/l	92
13) Acrolein	3.93	56	6535	43.101	ug/l	94
14) Allyl chloride	4.71	41	30844	9.872	ug/l	98
15) Acrylonitrile	5.42	53	23703	53.782	ug/l #	89
16) Acetone	4.16	43	25126	53.014	ug/l #	86
17) Carbon Disulfide	4.41	76	82619	10.331	ug/l	99
18) Methyl Acetate	4.72	43	10571	9.713	ug/l	93
19) Methyl tert-butyl Ether	5.47	73	55204	10.229	ug/l	94
20) Methylene Chloride	4.96	84	42207	11.064	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	34128	10.653	ug/l	90
22) Diisopropyl ether	6.36	45	59282	10.291	ug/l #	88
23) Vinyl Acetate	6.31	43	159450	51.011	ug/l	97
24) 1,1-Dichloroethane	6.27	63	53542	10.668	ug/l	98
25) 2-Butanone	7.21	43	27475	51.600	ug/l	93
26) 2,2-Dichloropropane	7.21	77	55953	10.679	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	36682	10.430	ug/l	96
28) Bromochloromethane	7.55	49	16099	9.615	ug/l #	99
29) Tetrahydrofuran	7.57	42	15572	53.066	ug/l	98
30) Chloroform	7.71	83	63853	10.608	ug/l	96
31) Cyclohexane	7.99	56	40916	10.151	ug/l #	83
32) 1,1,1-Trichloroethane	7.90	97	60931	10.314	ug/l	95
36) 1,1-Dichloropropene	8.11	75	45684	10.606	ug/l	100
37) Ethyl Acetate	7.30	43	13039	10.442	ug/l	96
38) Carbon Tetrachloride	8.10	117	57097	10.340	ug/l	98

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 VSTDIC010

Quant Time: Oct 13 12:25:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	47328	10.717	ug/l	98
40) Benzene	8.36	78	124833	10.518	ug/l	99
41) Methacrylonitrile	7.52	41	6703	12.581	ug/l	89
42) 1,2-Dichloroethane	8.43	62	37547	10.126	ug/l	97
43) Isopropyl Acetate	8.46	43	25770	10.532	ug/l #	96
44) Trichloroethene	9.11	130	39834	10.504	ug/l	95
45) 1,2-Dichloropropane	9.39	63	28090	10.307	ug/l	99
46) Dibromomethane	9.48	93	17610	10.263	ug/l	99
47) Bromodichloromethane	9.66	83	48786	10.736	ug/l	93
48) Methyl methacrylate	9.46	41	13289	11.148	ug/l	92
49) 1,4-Dioxane	9.46	88	3491	191.805	ug/l #	94
51) 4-Methyl-2-Pentanone	10.23	43	65938	53.105	ug/l	94
52) Toluene	10.40	92	84497	10.517	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	42342	10.712	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	47479	10.253	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	25556	10.847	ug/l	91
56) Ethyl methacrylate	10.66	69	23504	10.210	ug/l	95
57) 1,3-Dichloropropane	10.95	76	38460	10.427	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	57996	48.911	ug/l	99
59) 2-Hexanone	10.98	43	43096	51.543	ug/l	100
60) Dibromochloromethane	11.14	129	34717	10.202	ug/l	96
61) 1,2-Dibromoethane	11.25	107	23977	10.453	ug/l	99
64) Tetrachloroethene	10.88	164	37029	10.573	ug/l	89
65) Chlorobenzene	11.67	112	95468	10.444	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	37762	10.403	ug/l	96
67) Ethyl Benzene	11.75	91	160223	10.418	ug/l	97
68) m/p-Xylenes	11.86	106	126350	21.145	ug/l	97
69) o-Xylene	12.18	106	58266	10.546	ug/l	90
70) Styrene	12.20	104	97972	10.320	ug/l	99
71) Bromoform	12.37	173	20946	10.790	ug/l #	96
73) Isopropylbenzene	12.48	105	156116	10.316	ug/l	99
74) N-amyl acetate	12.30	43	23484	10.419	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	24783	10.476	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	32884	19.429	ug/l #	100
77) Bromobenzene	12.77	156	39364	10.219	ug/l	97
78) n-propylbenzene	12.83	91	180572	10.146	ug/l	99
79) 2-Chlorotoluene	12.91	91	107016	10.315	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	134807	10.124	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.53	75	7875	10.806	ug/l	95
82) 4-Chlorotoluene	13.01	91	115441	10.426	ug/l	100
83) tert-Butylbenzene	13.23	119	113121	10.175	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	135192	10.318	ug/l	98
85) sec-Butylbenzene	13.41	105	158646	10.290	ug/l	100
86) p-Isopropyltoluene	13.52	119	150382	10.320	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	79379	10.525	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	78105	10.560	ug/l	97
89) n-Butylbenzene	13.85	91	130640	10.275	ug/l	97
90) Hexachloroethane	14.12	117	26251	10.384	ug/l	91
91) 1,2-Dichlorobenzene	13.90	146	70268	10.770	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4830	11.334	ug/l	86

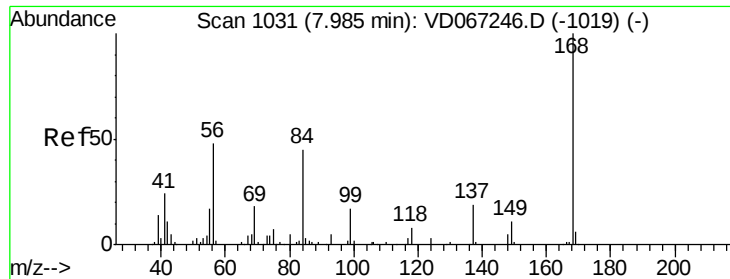
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD101320\
Data File : VD067244.D
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Operator : VA/SY
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Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.17	180	43208	10.178	ug/l	98
94) Hexachlorobutadiene	15.28	225	27857	10.455	ug/l	95
95) Naphthalene	15.41	128	65884	9.888	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	36779	10.089	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

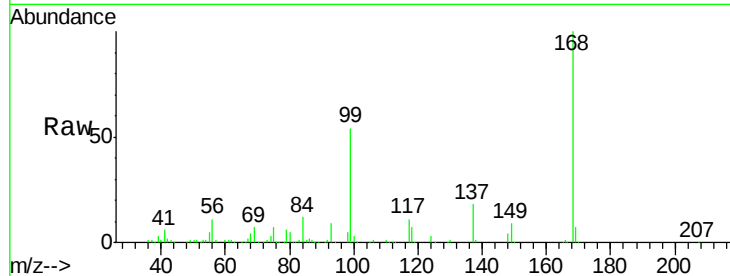
VSTDIC010

Tgt Ion:168 Resp: 327941

Ion Ratio Lower Upper

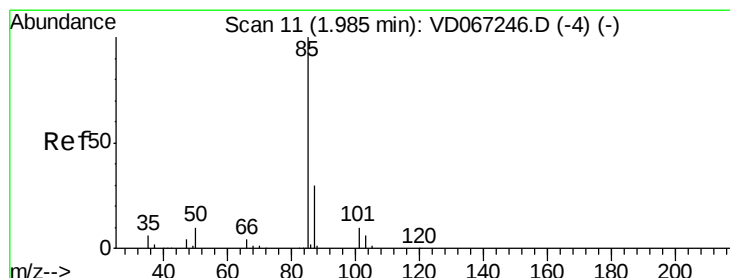
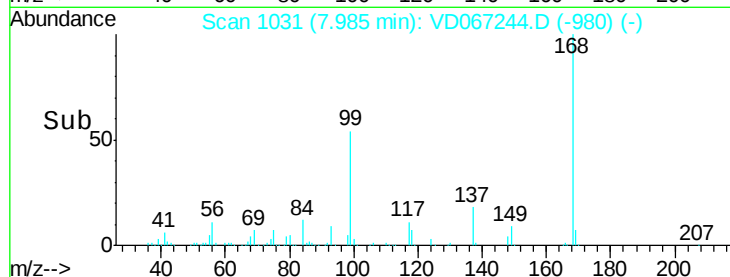
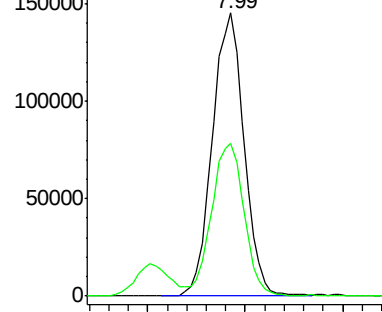
168 100

99 53.6 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: 11.122 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067244.D

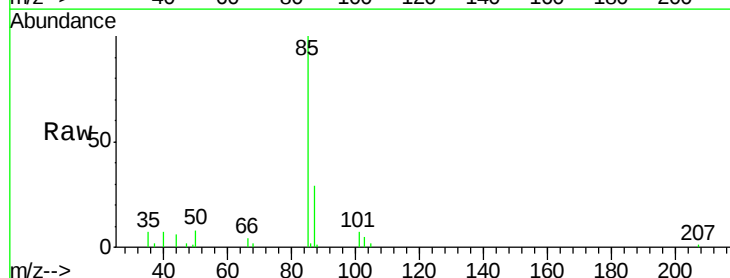
Acq: 13 Oct 2020 10:55

Tgt Ion: 85 Resp: 35797

Ion Ratio Lower Upper

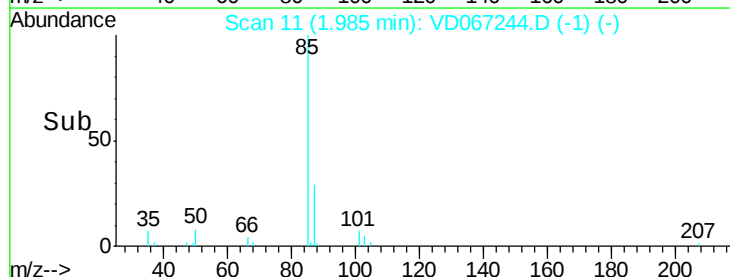
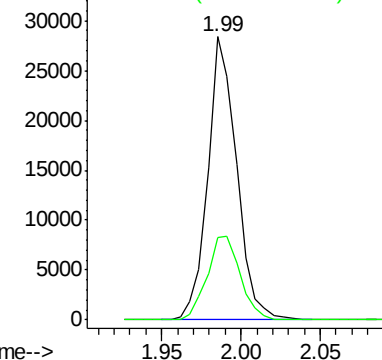
85 100

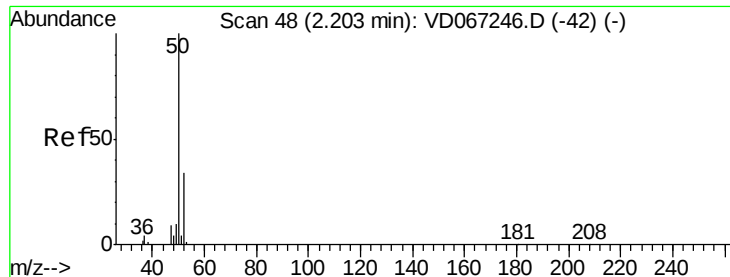
87 29.3 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 10.196 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

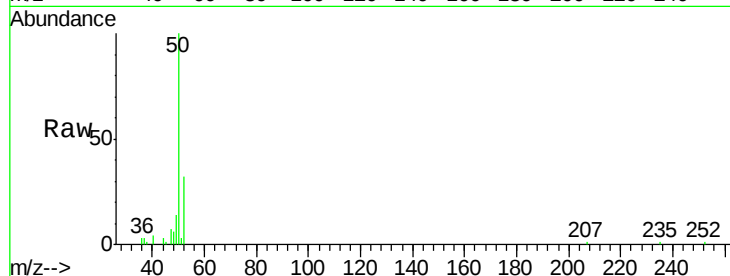
VSTDIC010

Tgt Ion: 50 Resp: 22009

Ion Ratio Lower Upper

50 100

52 32.2 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

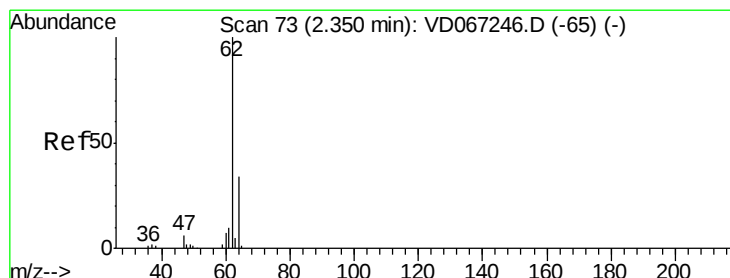
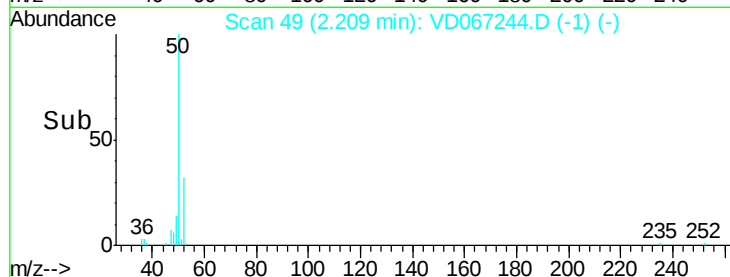
15000

10000

5000

0

Time-->



#4

Vinyl Chloride

Concen: 10.620 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067244.D

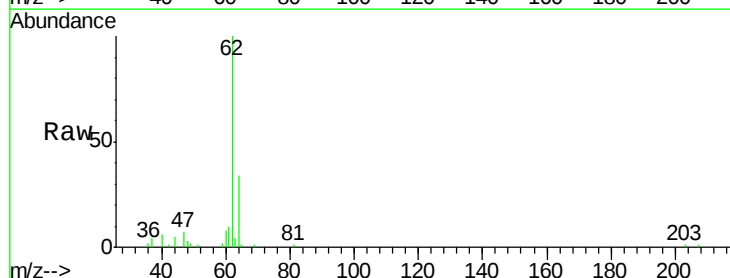
Acq: 13 Oct 2020 10:55

Tgt Ion: 62 Resp: 25340

Ion Ratio Lower Upper

62 100

64 33.9 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

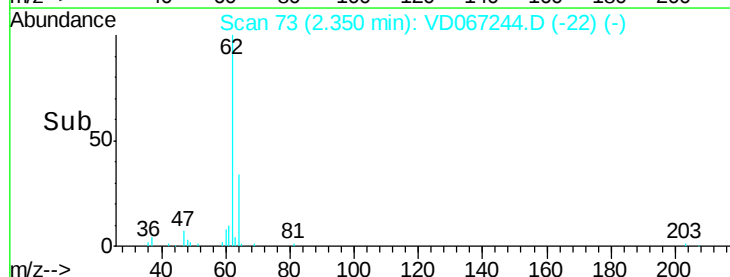
15000

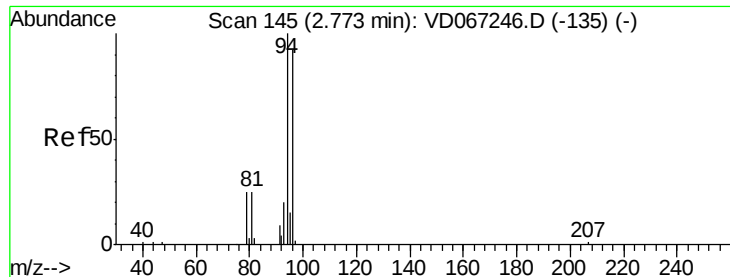
10000

5000

0

Time-->





#5

Bromomethane

Concen: 10.664 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

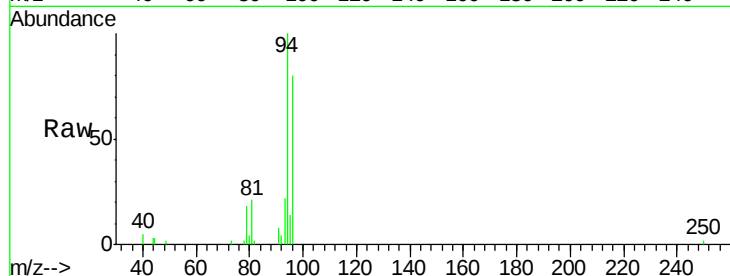
VSTDIC010

Tgt Ion: 94 Resp: 19941

Ion Ratio Lower Upper

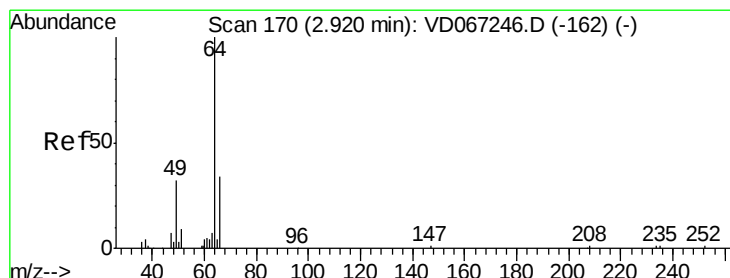
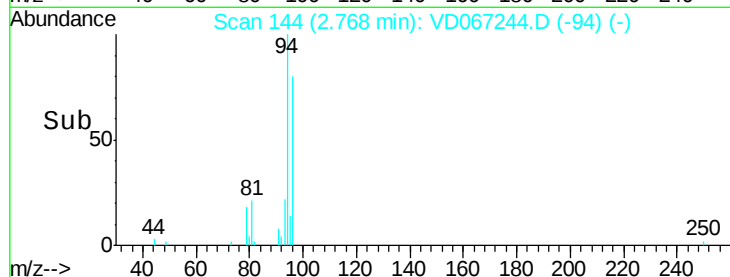
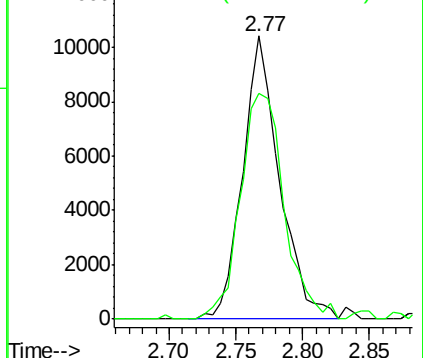
94 100

96 79.9 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: 10.593 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067244.D

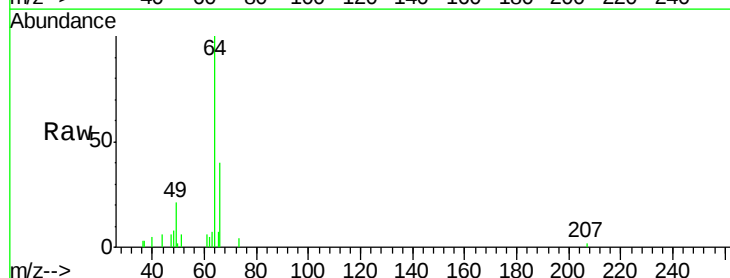
Acq: 13 Oct 2020 10:55

Tgt Ion: 64 Resp: 15819

Ion Ratio Lower Upper

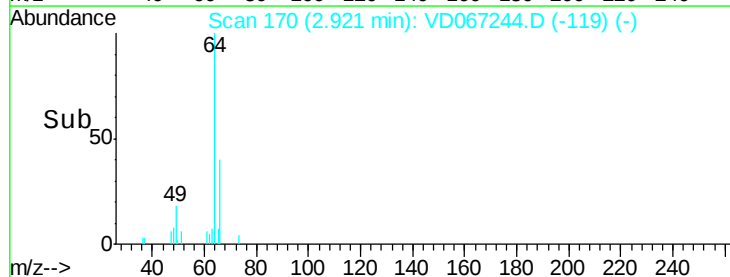
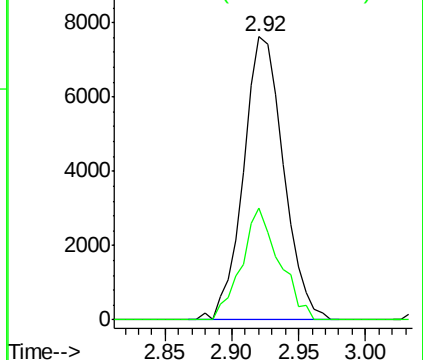
64 100

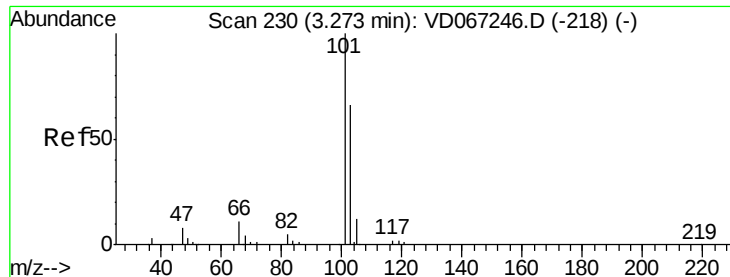
66 39.5 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



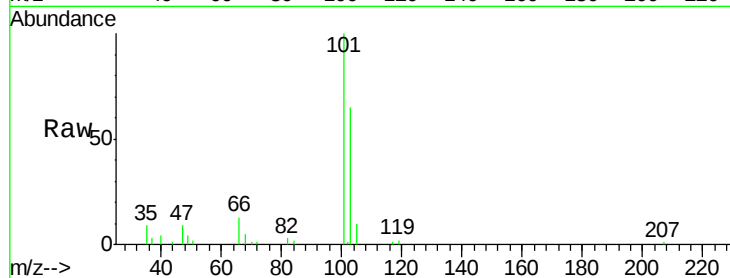


#7

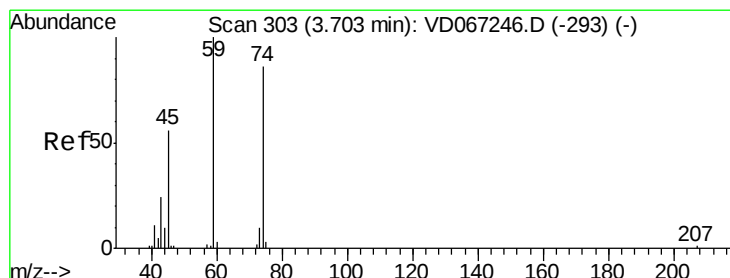
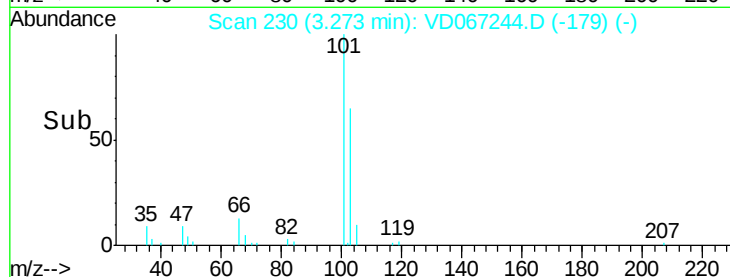
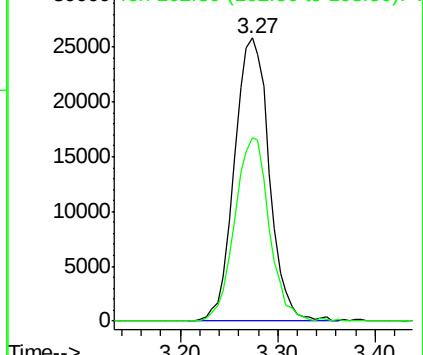
Trichlorofluoromethane
Concen: 10.692 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067244.D
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Instrument :
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Tgt Ion:101 Resp: 64108
Ion Ratio Lower Upper
101 100
103 64.8 53.1 79.7



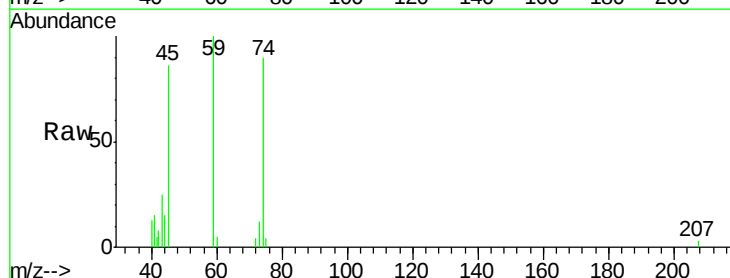
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



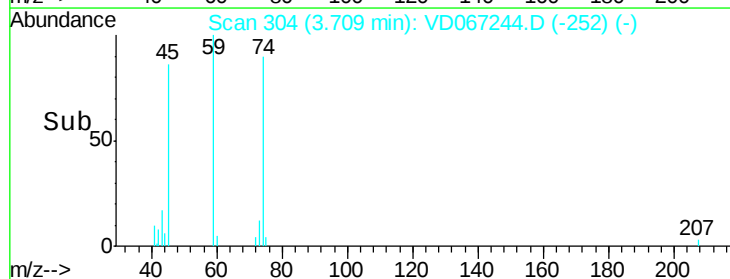
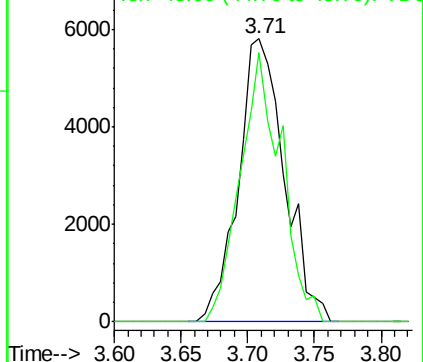
#8

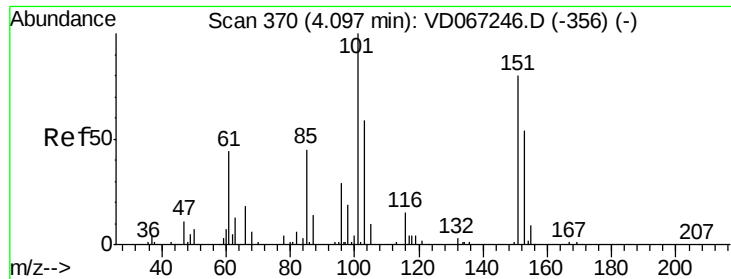
Diethyl Ether
Concen: 10.451 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 74 Resp: 13963
Ion Ratio Lower Upper
74 100
45 85.0 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: 10.617 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

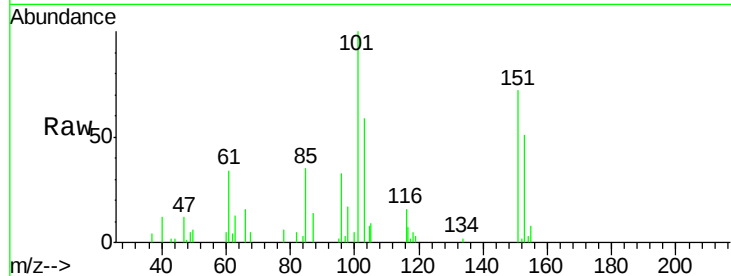
Tgt Ion:101 Resp: 33809

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.4

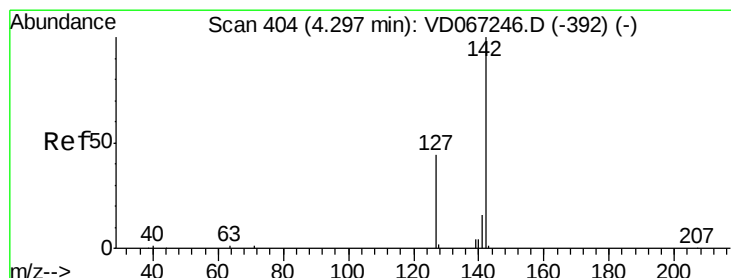
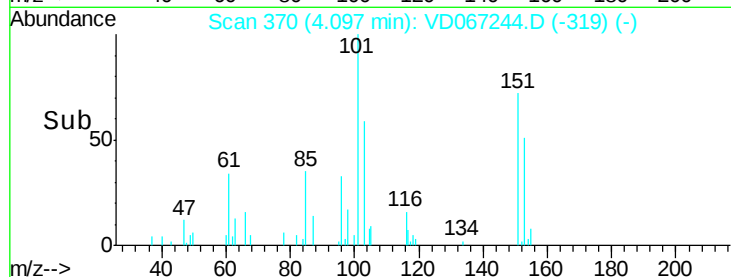
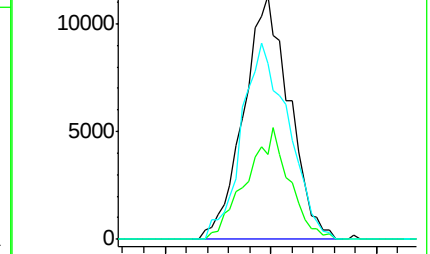
151 82.9 66.3 99.5



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: 9.537 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

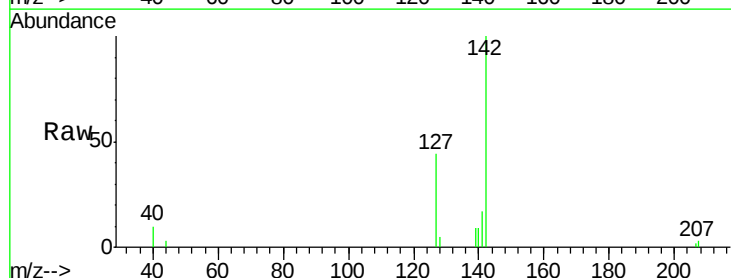
Tgt Ion:142 Resp: 25093

Ion Ratio Lower Upper

142 100

127 50.4 38.4 57.6

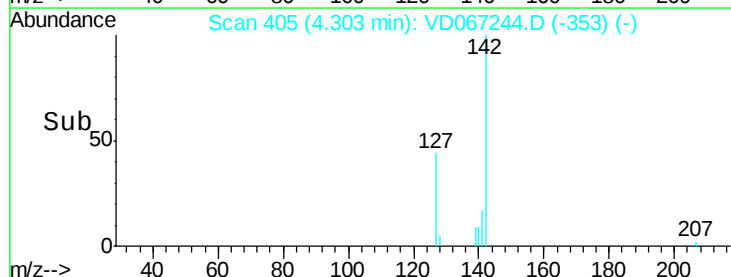
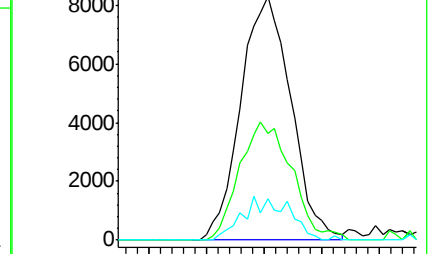
141 16.3 11.6 17.4

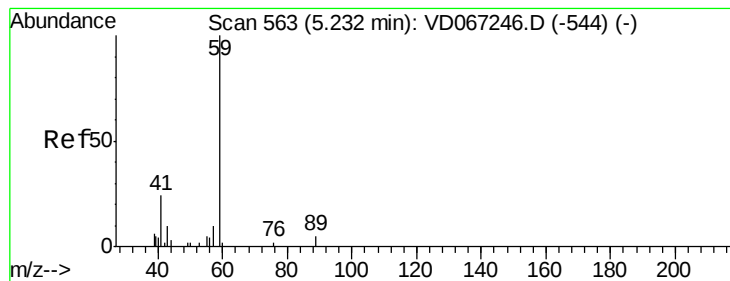


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 36.799 ug/l

RT: 5.20 min Scan# 558

Delta R.T. -0.03 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

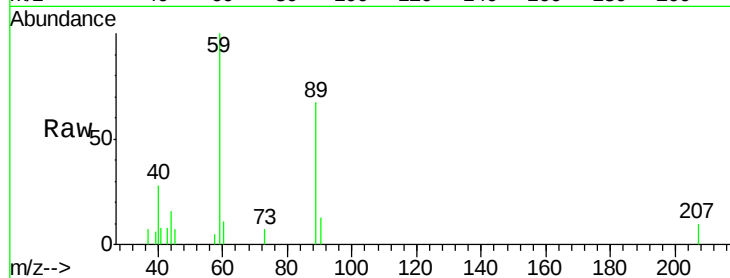
VSTDIC010

Tgt Ion: 59 Resp: 10384

Ion Ratio Lower Upper

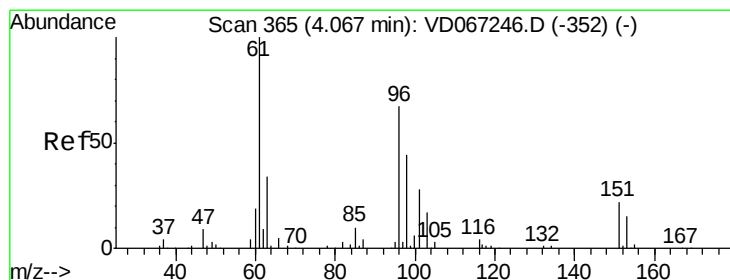
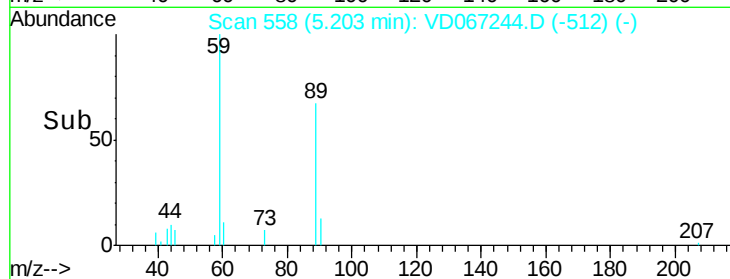
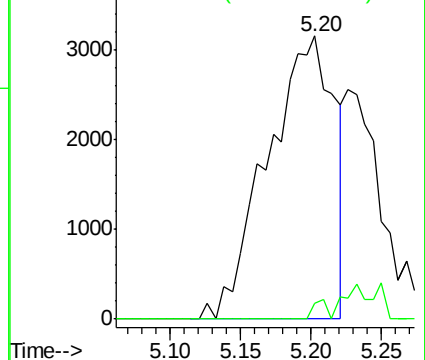
59 100

57 0.0 5.1 7.7#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 10.546 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

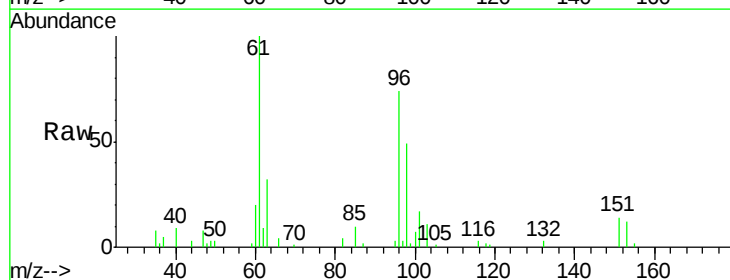
Tgt Ion: 96 Resp: 29534

Ion Ratio Lower Upper

96 100

61 134.7 118.6 177.8

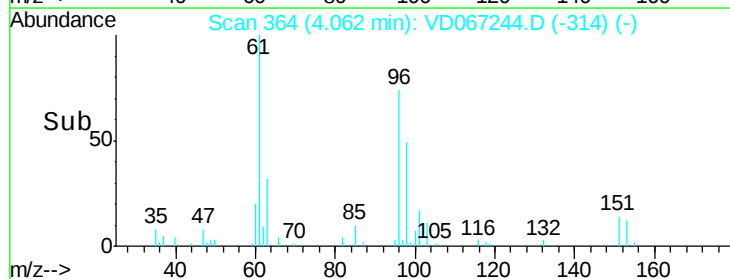
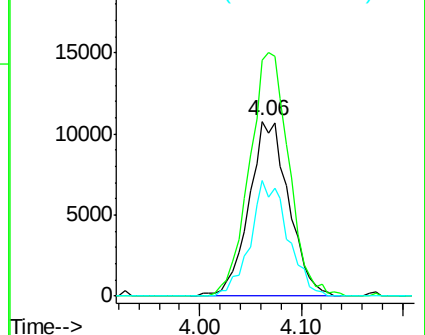
98 66.3 51.8 77.6

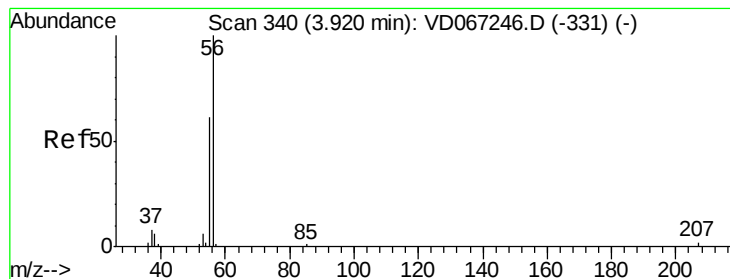


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 43.101 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

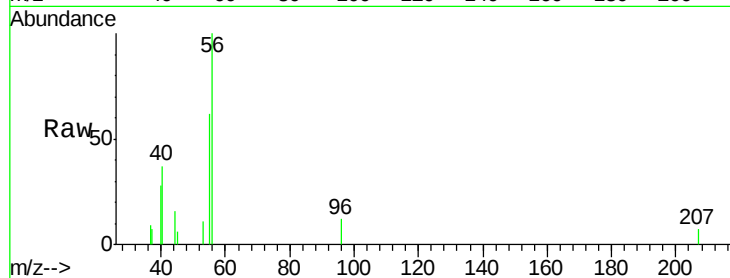
VSTDIC010

Tgt Ion: 56 Resp: 6535

Ion Ratio Lower Upper

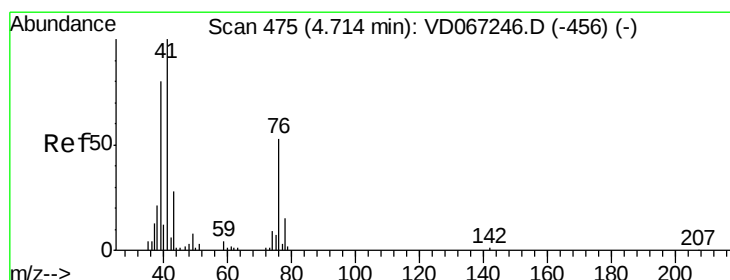
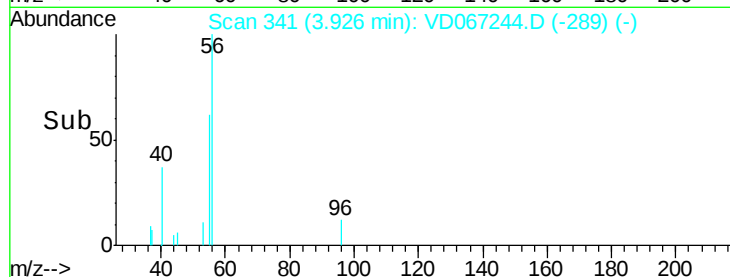
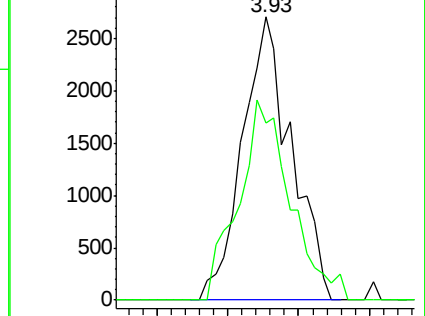
56 100

55 75.1 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 9.872 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

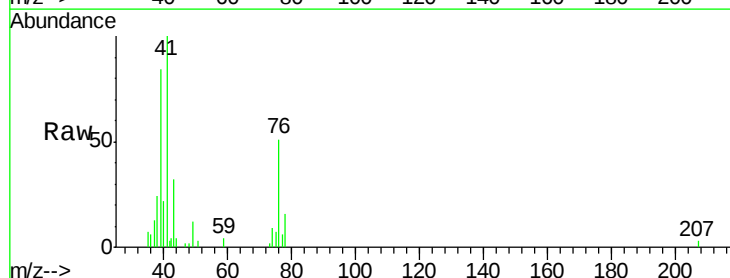
Tgt Ion: 41 Resp: 30844

Ion Ratio Lower Upper

41 100

39 80.7 63.8 95.6

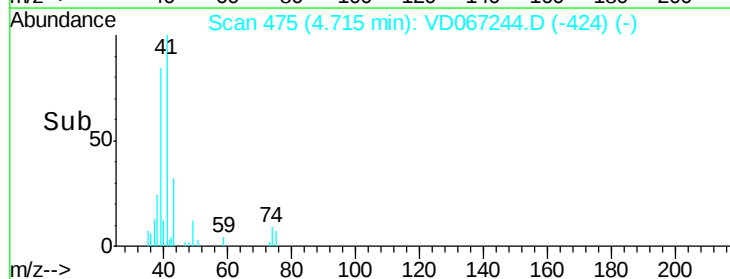
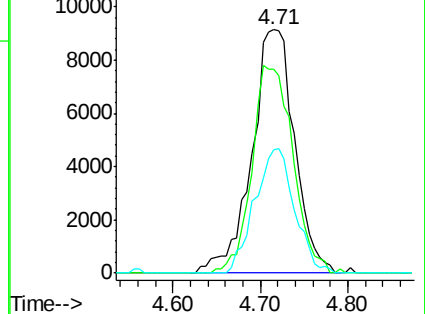
76 47.3 40.4 60.6

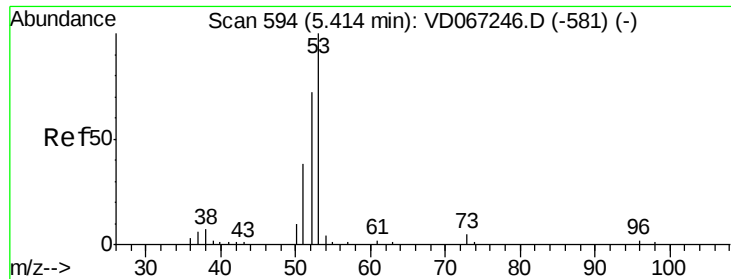


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

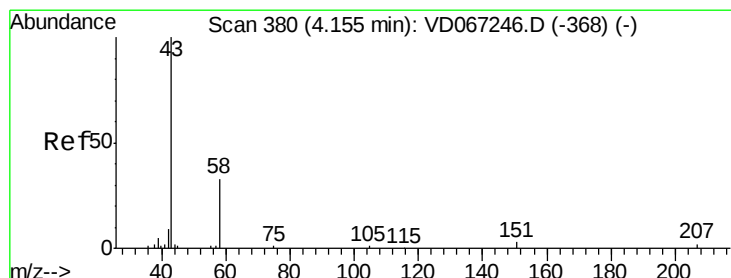
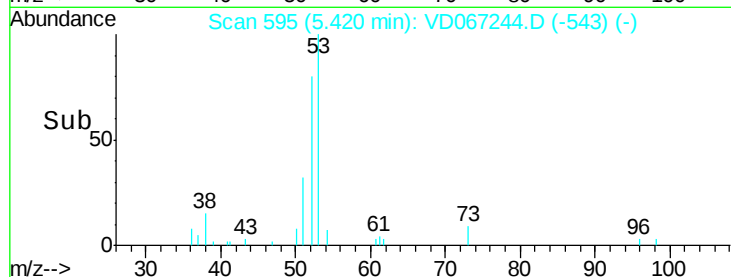
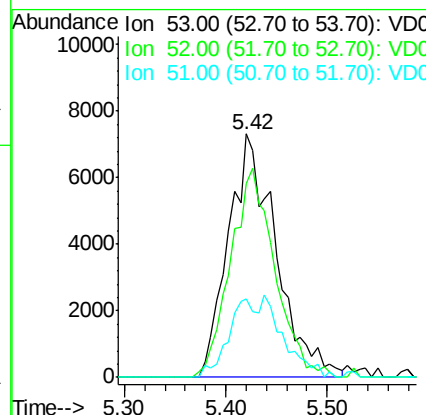
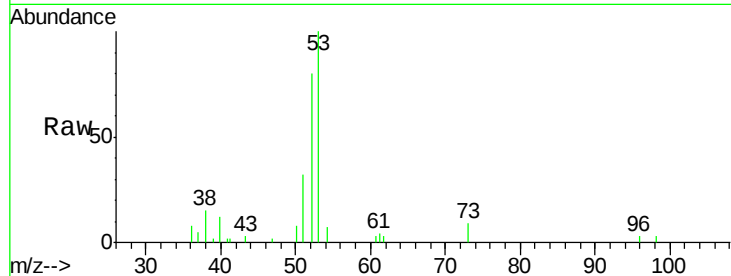




#15
 Acrylonitrile
 Concen: 53.782 ug/l
 RT: 5.42 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

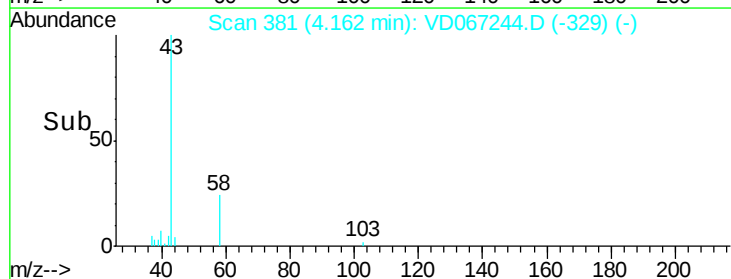
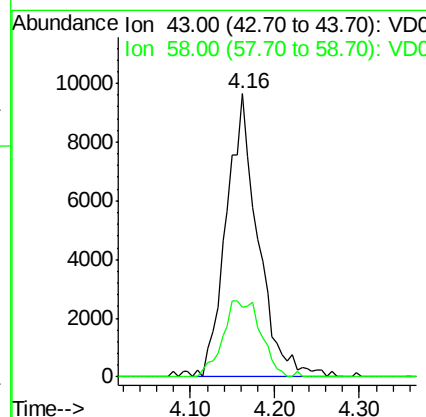
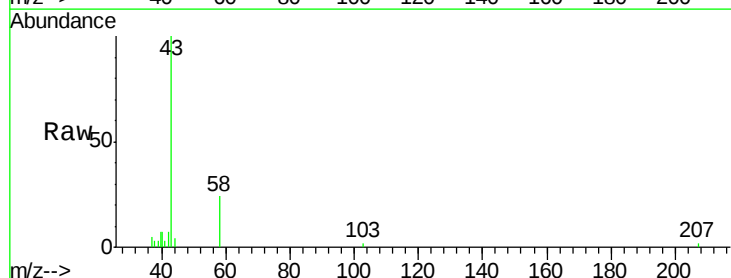
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

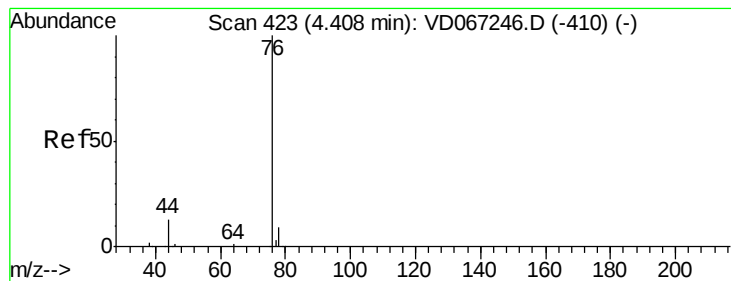
Tgt Ion: 53 Resp: 23703
 Ion Ratio Lower Upper
 53 100
 52 80.3 65.6 98.4
 51 20.2 30.8 46.2#



#16
 Acetone
 Concen: 53.014 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion: 43 Resp: 25126
 Ion Ratio Lower Upper
 43 100
 58 24.5 26.1 39.1#





#17

Carbon Disulfide

Concen: 10.331 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

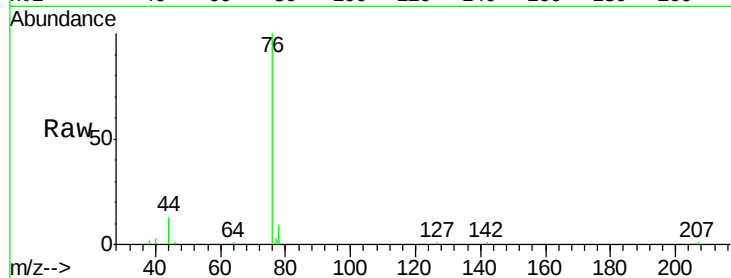
VSTDIC010

Tgt Ion: 76 Resp: 82619

Ion Ratio Lower Upper

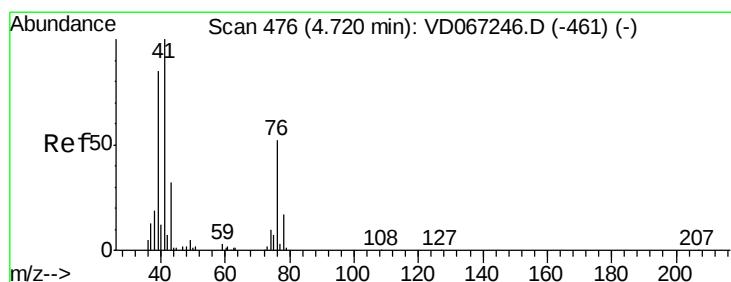
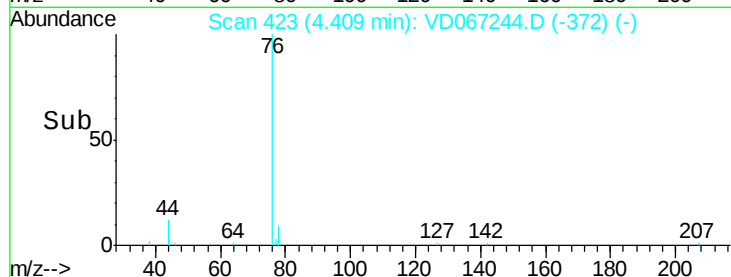
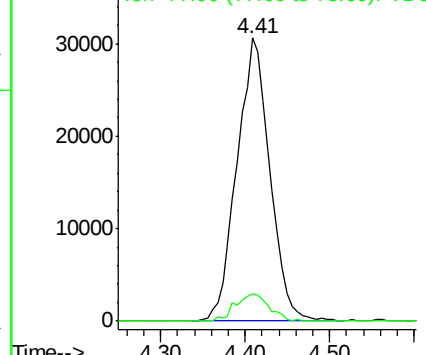
76 100

78 9.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 9.713 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD067244.D

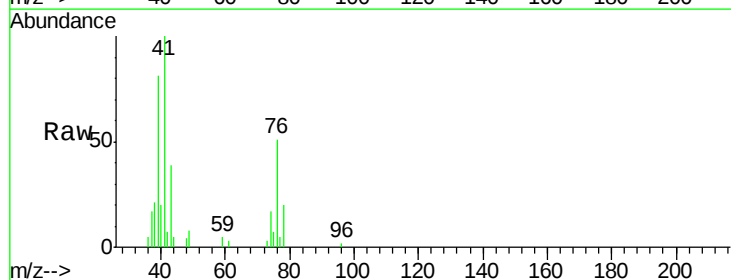
Acq: 13 Oct 2020 10:55

Tgt Ion: 43 Resp: 10571

Ion Ratio Lower Upper

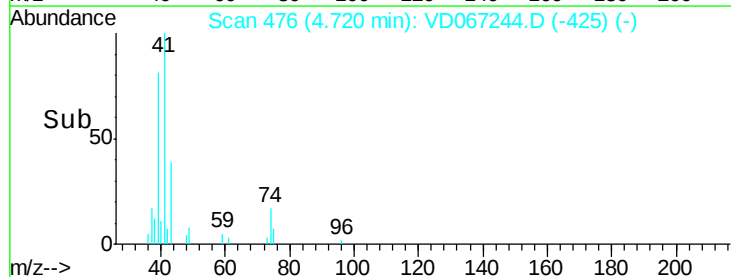
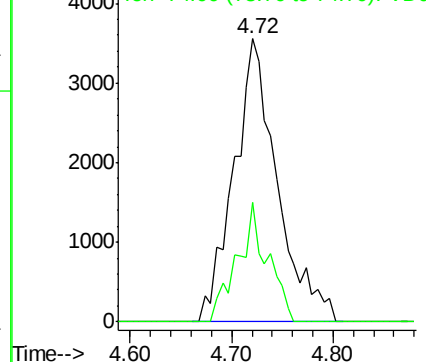
43 100

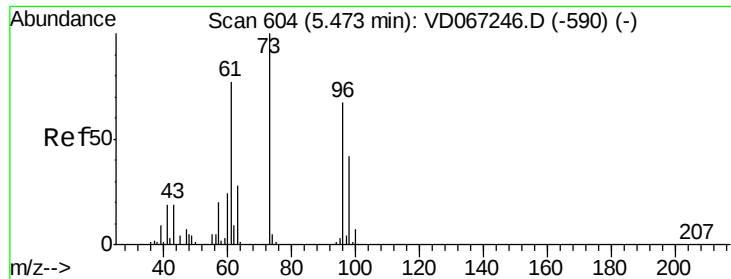
74 29.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

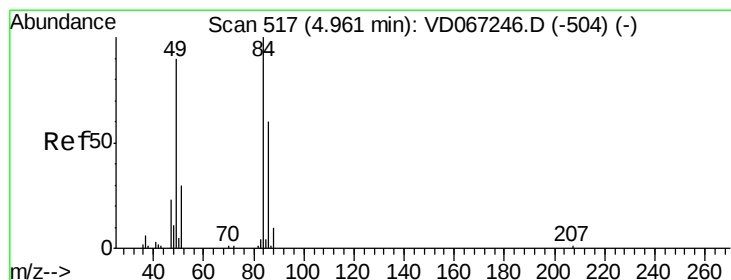
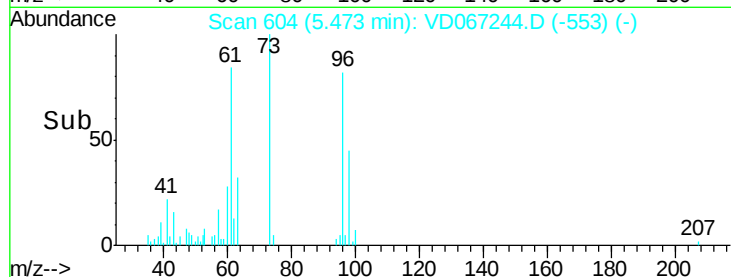
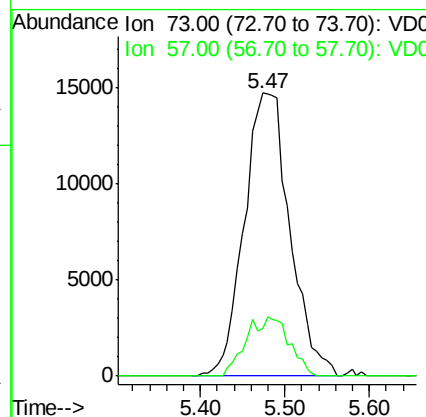
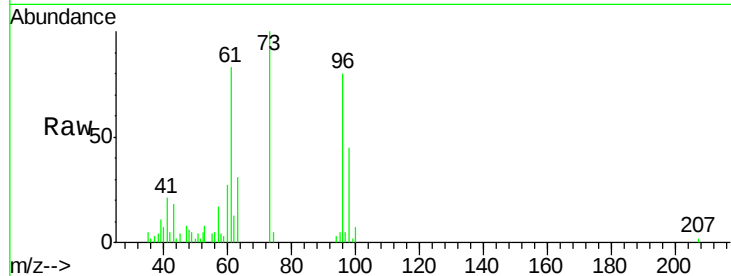




#19
Methyl tert-butyl Ether
Concen: 10.229 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

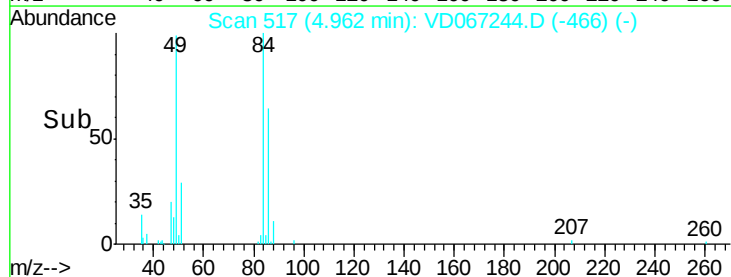
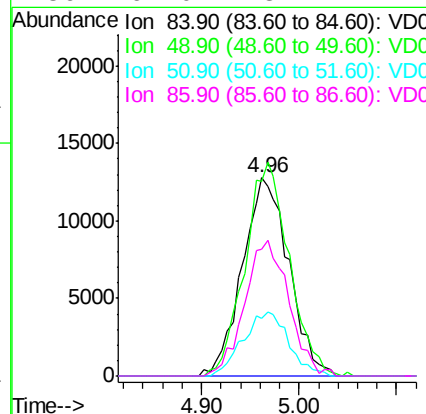
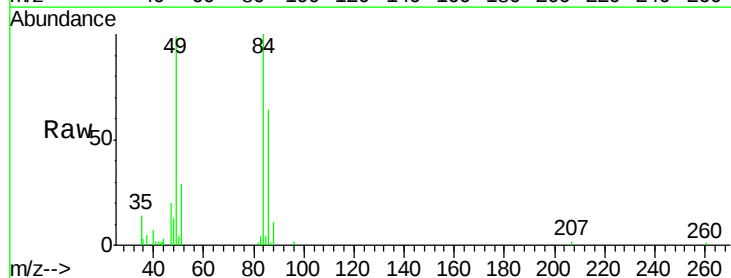
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

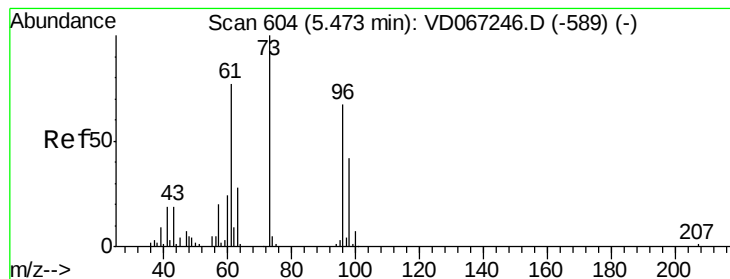
Tgt Ion: 73 Resp: 55204
Ion Ratio Lower Upper
73 100
57 16.9 15.7 23.5



#20
Methylene Chloride
Concen: 11.064 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 84 Resp: 42207
Ion Ratio Lower Upper
84 100
49 98.5 72.2 108.2
51 29.2 23.8 35.8
86 64.0 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 10.653 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

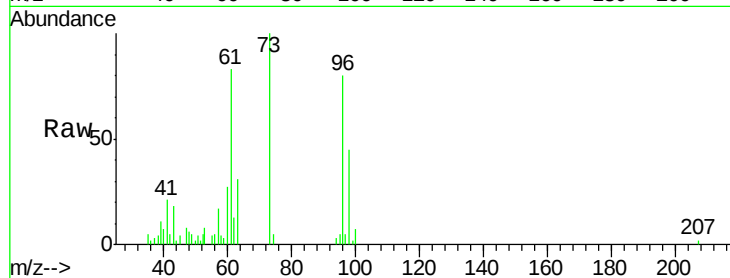
Tgt Ion: 96 Resp: 34128

Ion Ratio Lower Upper

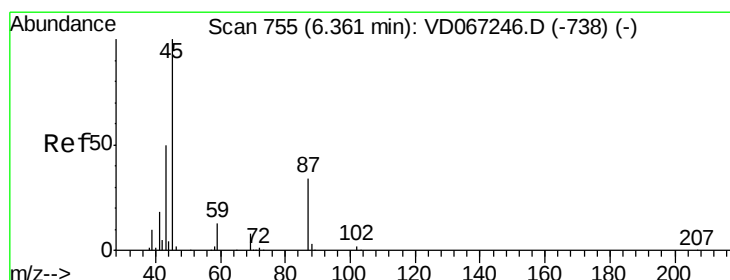
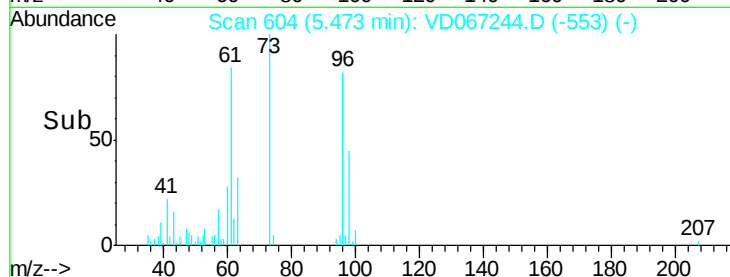
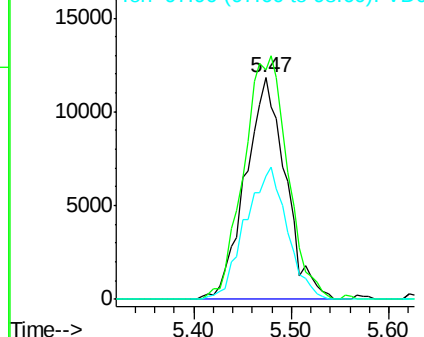
96 100

61 103.4 92.0 138.0

98 55.7 49.8 74.8



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



#22

Diisopropyl ether

Concen: 10.291 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Tgt Ion: 45 Resp: 59282

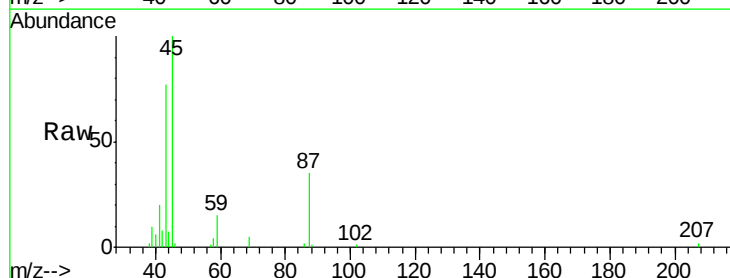
Ion Ratio Lower Upper

45 100

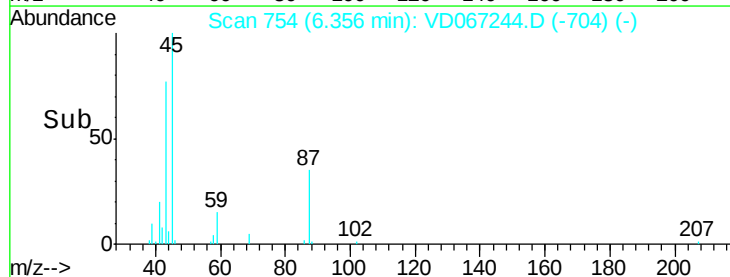
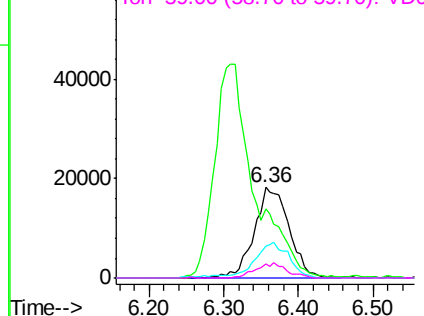
43 75.5 48.0 72.0#

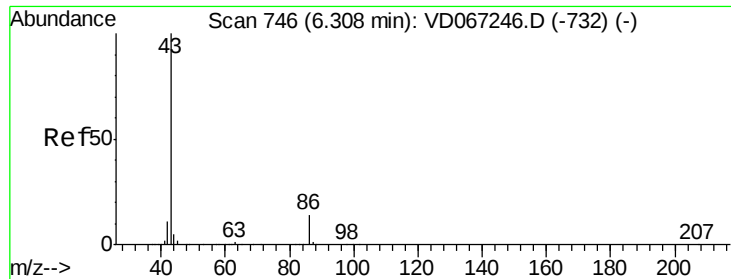
87 35.1 28.5 42.7

59 15.3 10.5 15.7



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





#23

Vinyl Acetate

Concen: 51.011 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

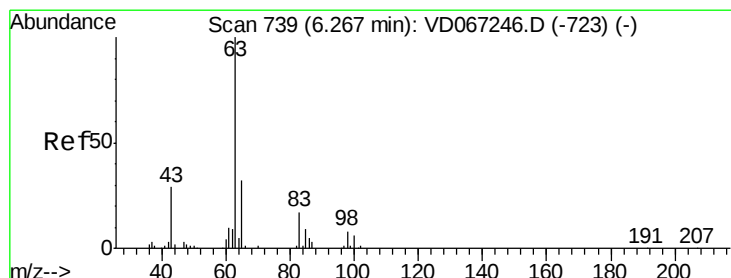
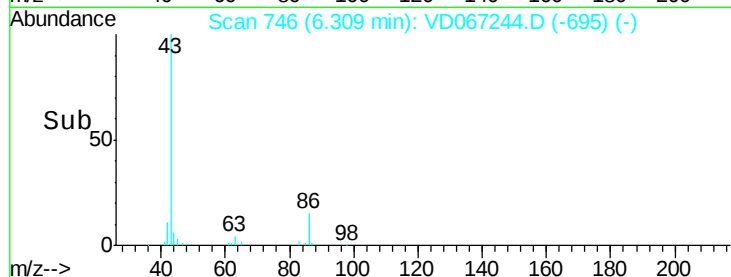
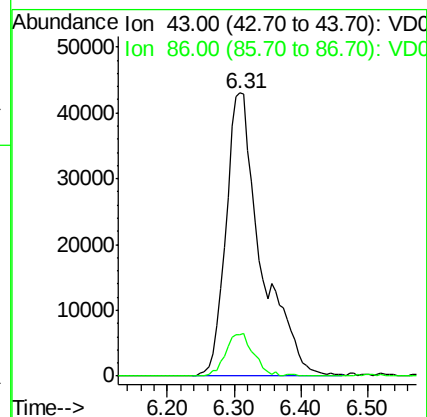
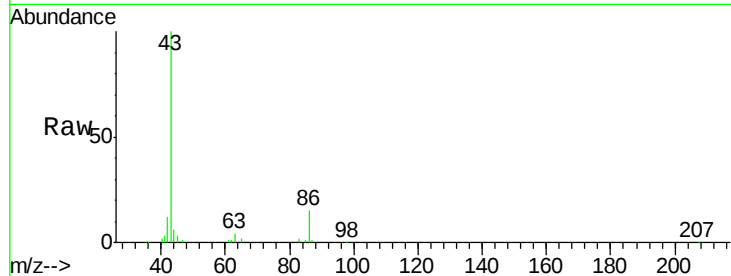
VSTDIC010

Tgt Ion: 43 Resp: 159450

Ion Ratio Lower Upper

43 100

86 14.9 11.0 16.6



#24

1,1-Dichloroethane

Concen: 10.668 ug/l

RT: 6.27 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

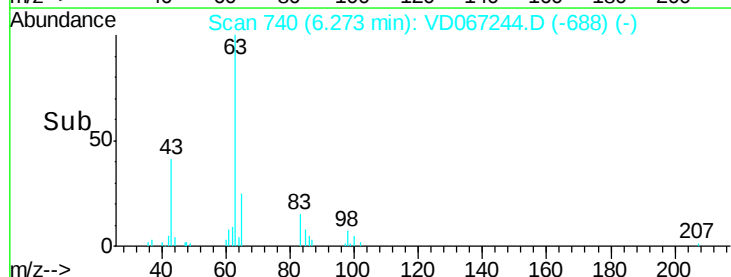
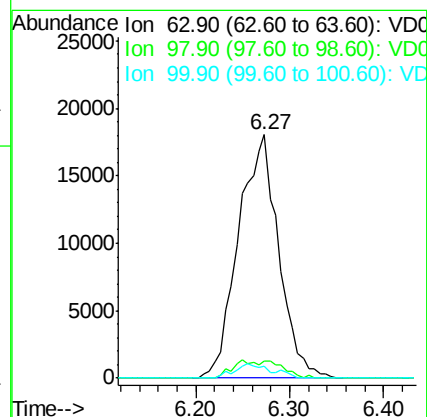
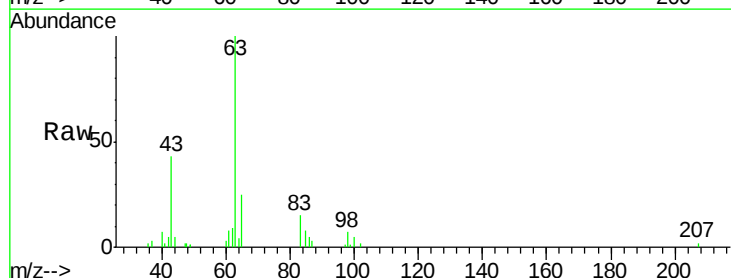
Tgt Ion: 63 Resp: 53542

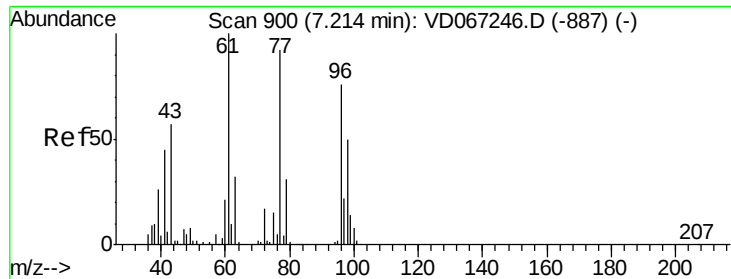
Ion Ratio Lower Upper

63 100

98 7.1 4.0 12.2

100 5.0 2.8 8.4

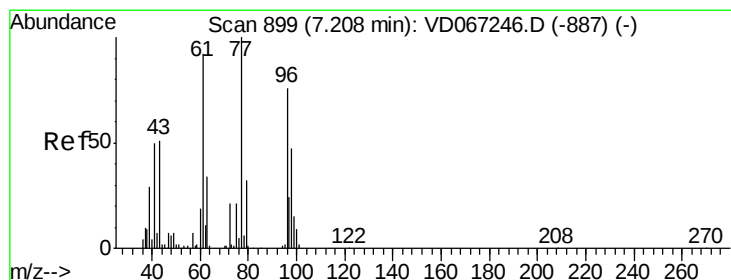
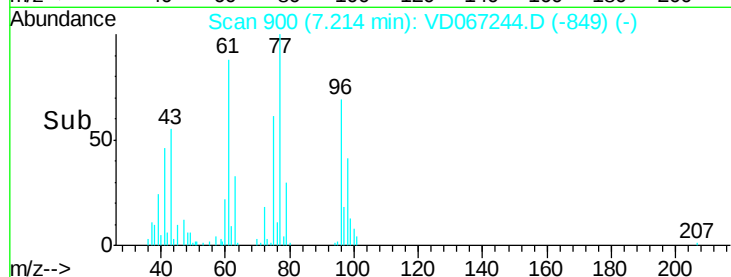
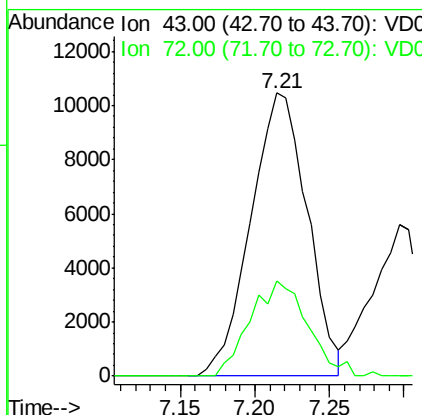
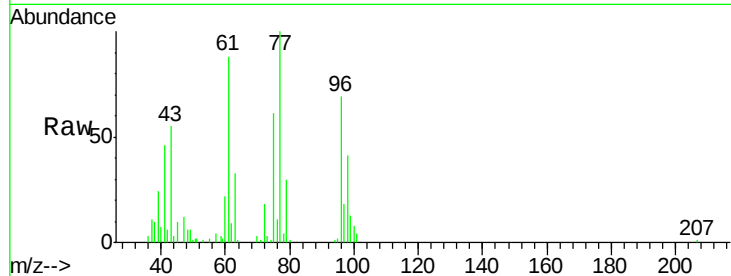




#25
2-Butanone
Concen: 51.600 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

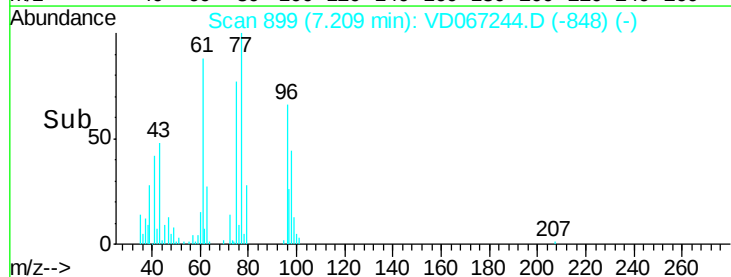
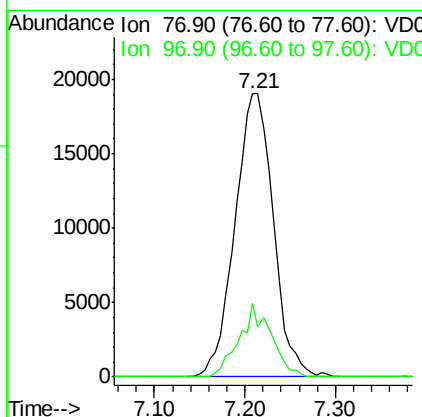
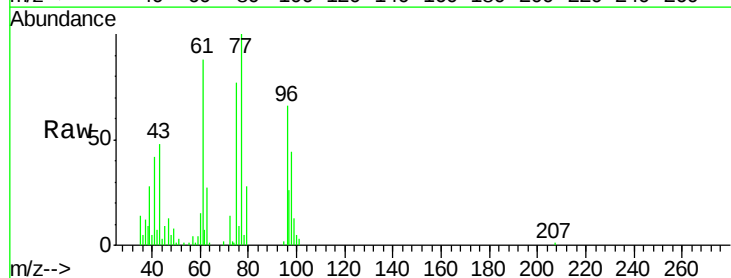
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

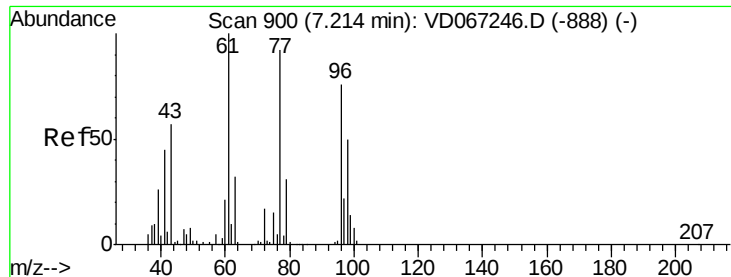
Tgt Ion: 43 Resp: 27475
Ion Ratio Lower Upper
43 100
72 33.5 23.7 35.5



#26
2,2-Dichloropropane
Concen: 10.679 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 77 Resp: 55953
Ion Ratio Lower Upper
77 100
97 21.5 11.4 34.2



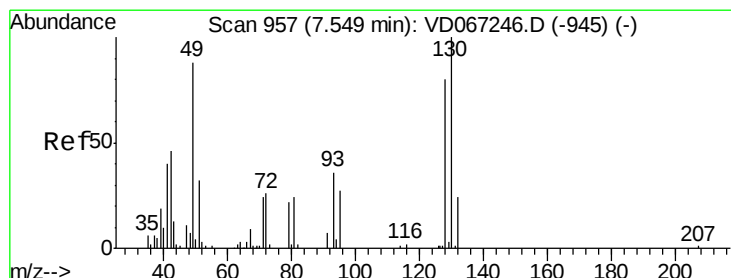
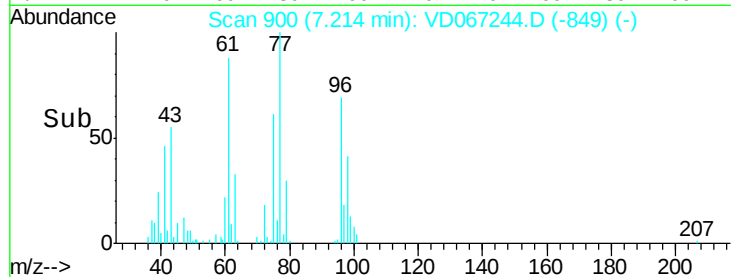
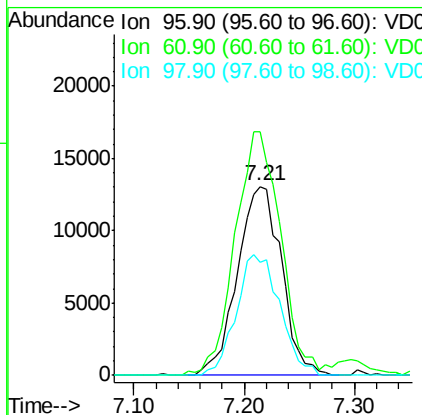
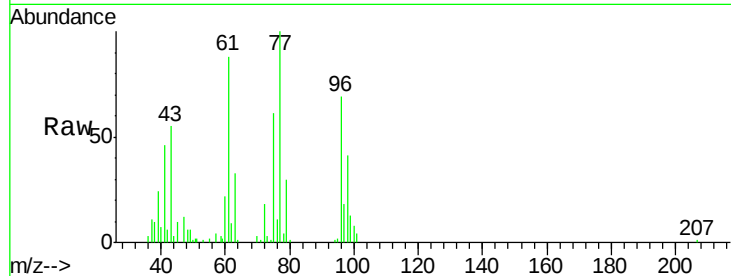


#27

cis-1,2-Dichloroethene
Concen: 10.430 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

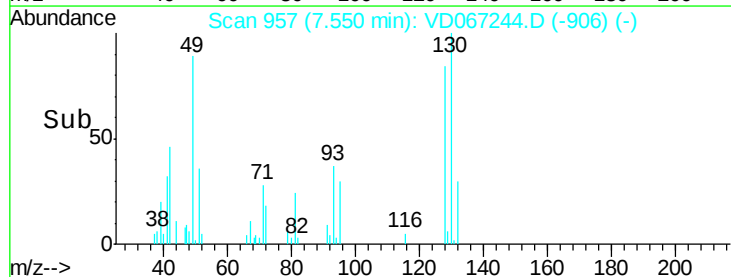
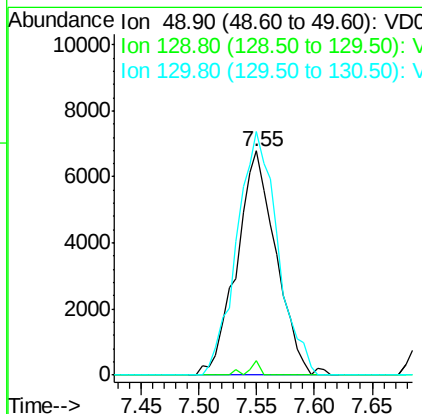
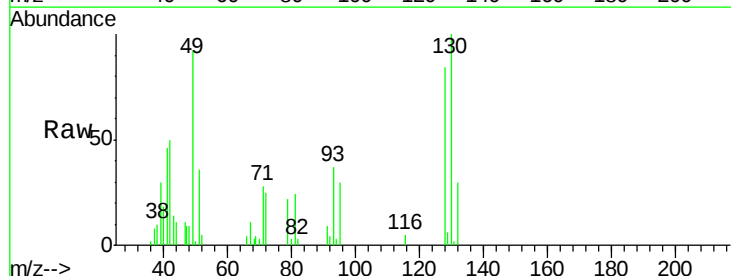
Tgt Ion: 96 Resp: 36682
Ion Ratio Lower Upper
96 100
61 134.0 0.0 255.4
98 62.9 0.0 128.0

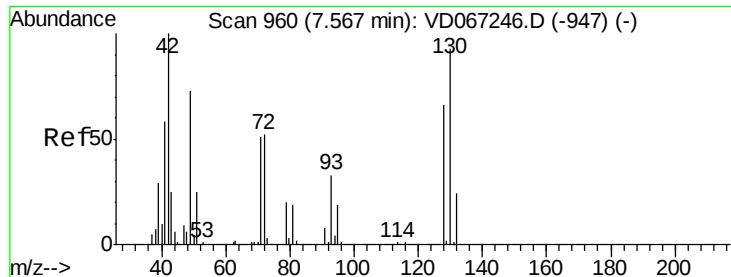


#28

Bromochloromethane
Concen: 9.615 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 49 Resp: 16099
Ion Ratio Lower Upper
49 100
129 1.7 0.0 1.6#
130 112.7 91.0 136.6

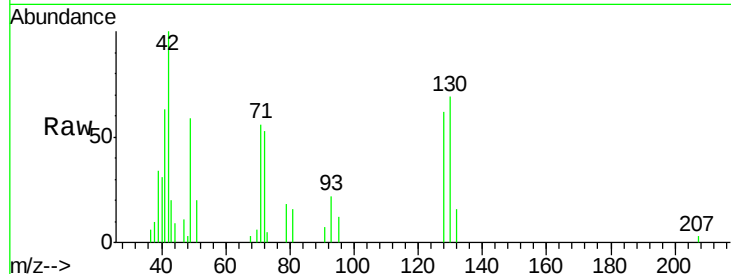




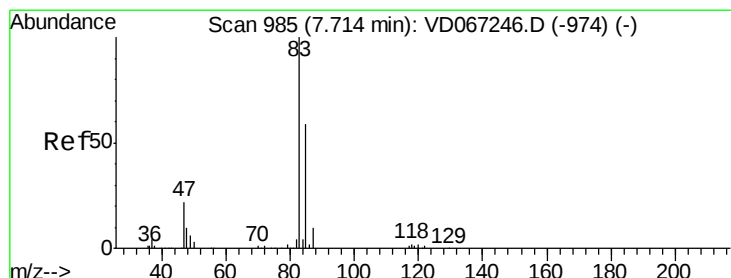
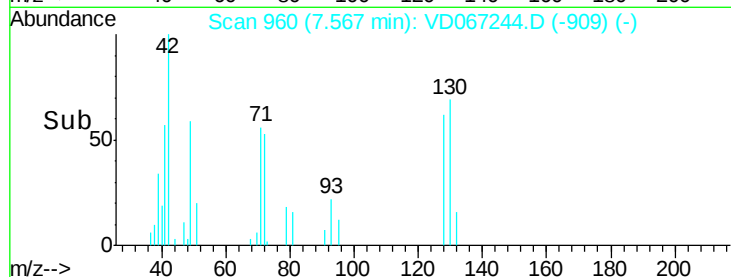
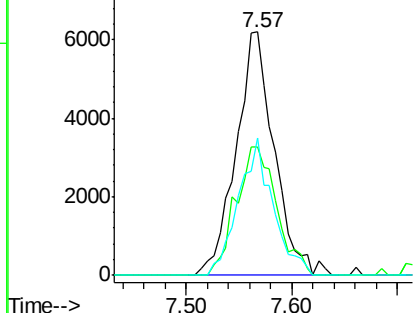
#29
Tetrahydrofuran
Concen: 53.066 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 42 Resp: 15572
Ion Ratio Lower Upper
42 100
72 56.1 43.2 64.8
71 50.5 39.4 59.0

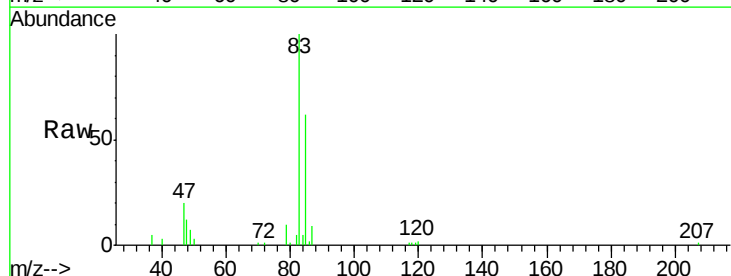


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

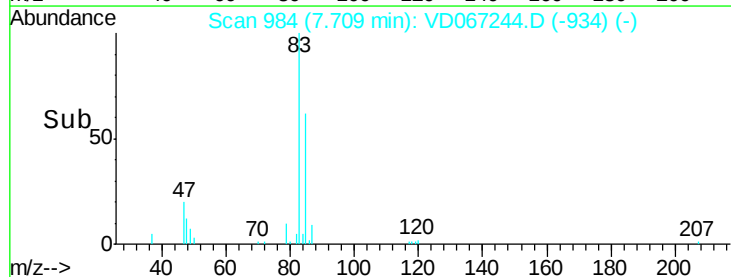
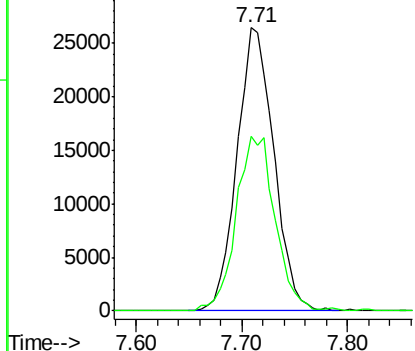


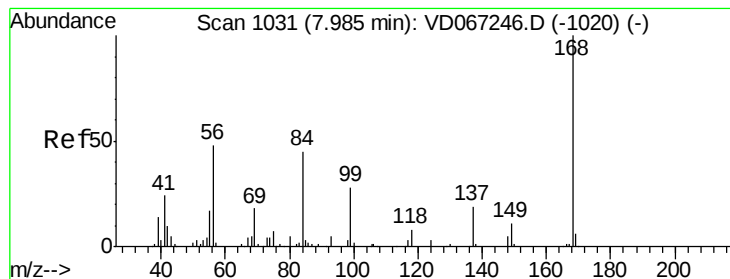
#30
Chloroform
Concen: 10.608 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 83 Resp: 63853
Ion Ratio Lower Upper
83 100
85 61.8 47.3 70.9



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





#31

Cyclohexane

Concen: 10.151 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

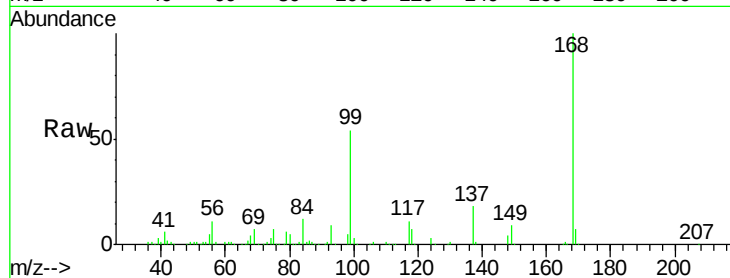
Tgt Ion: 56 Resp: 40916

Ion Ratio Lower Upper

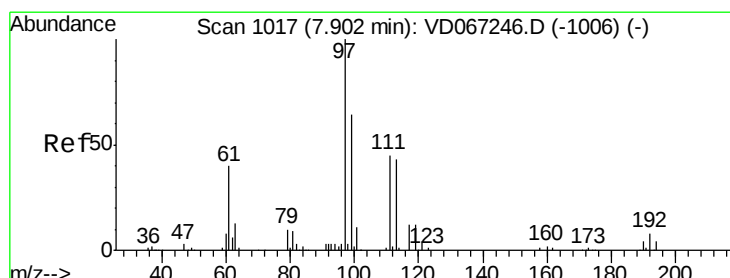
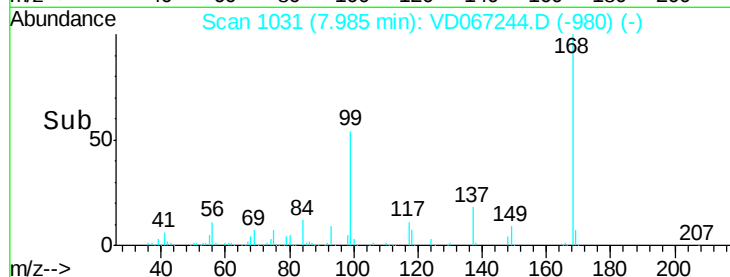
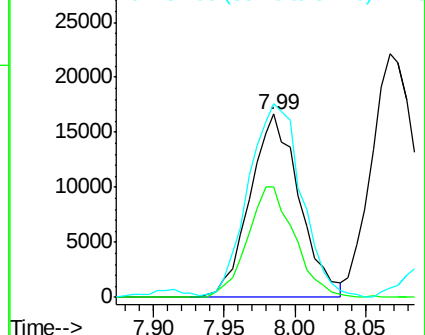
56 100

69 60.1 29.8 44.6#

84 103.7 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: 10.314 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

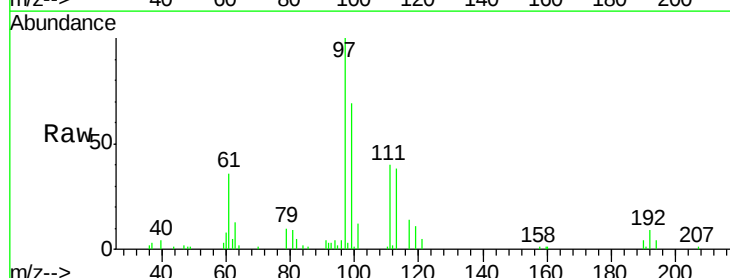
Tgt Ion: 97 Resp: 60931

Ion Ratio Lower Upper

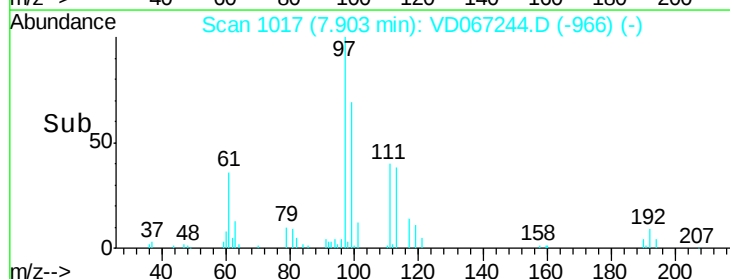
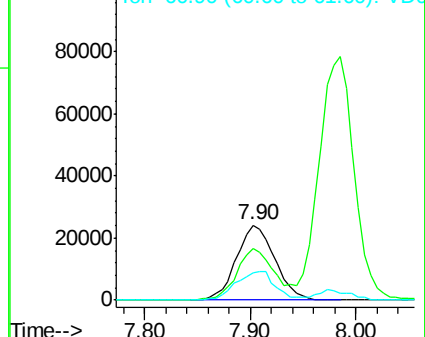
97 100

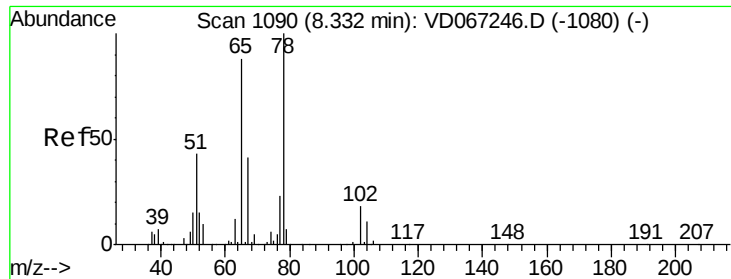
99 68.7 50.2 75.4

61 39.2 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: 10.700 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

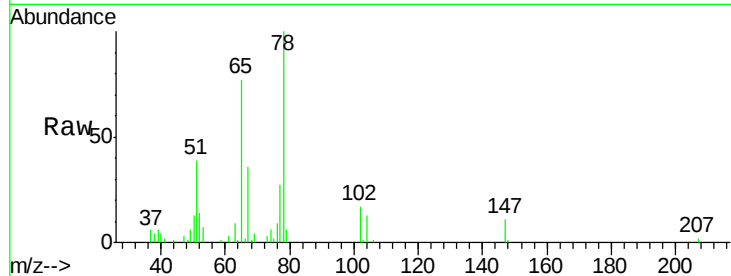
VSTDIC010

Tgt Ion: 65 Resp: 36049

Ion Ratio Lower Upper

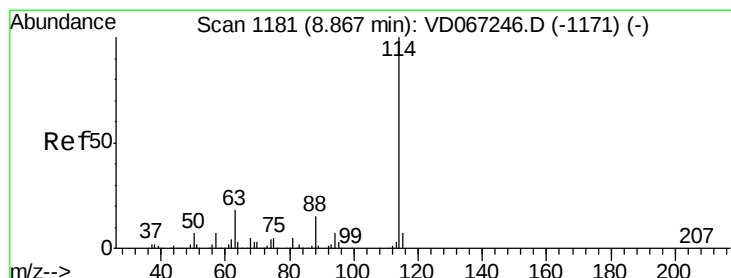
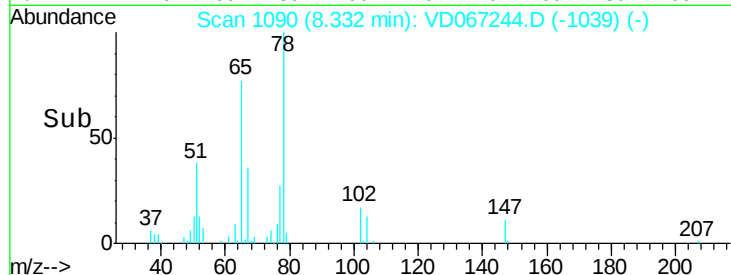
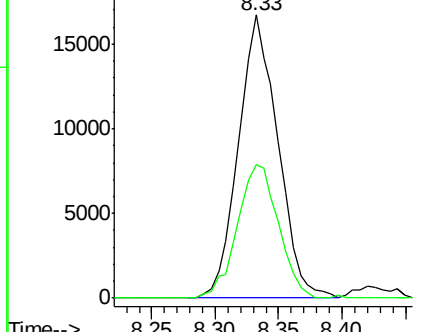
65 100

67 49.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

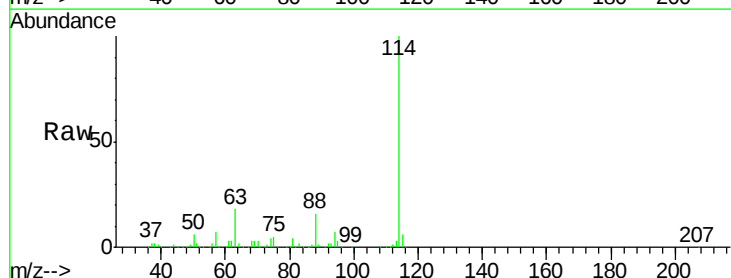
Tgt Ion: 114 Resp: 492357

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

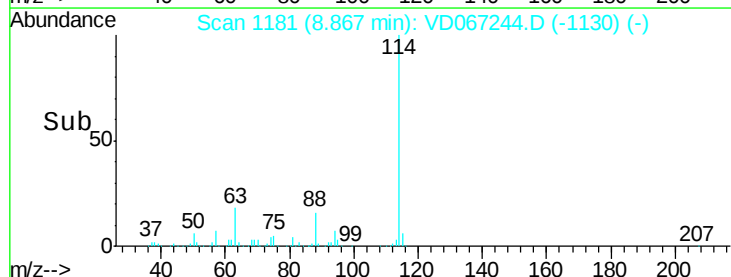
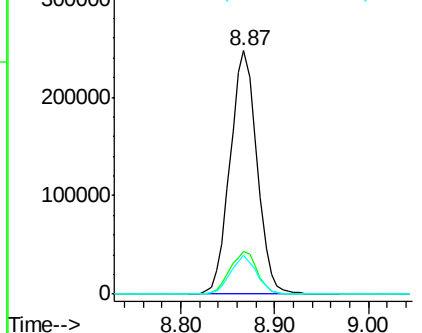
88 16.0 0.0 30.6

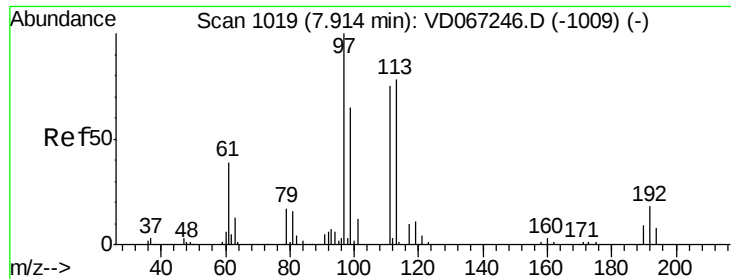


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

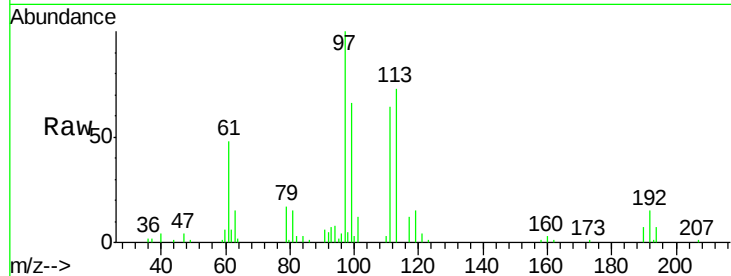




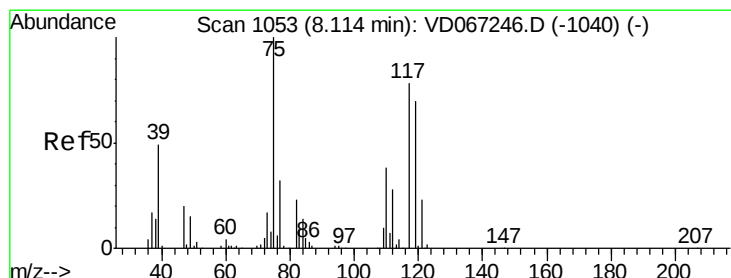
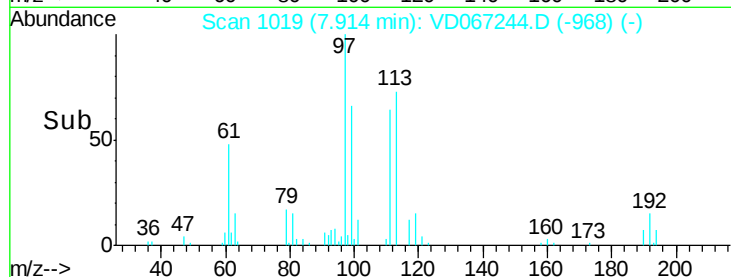
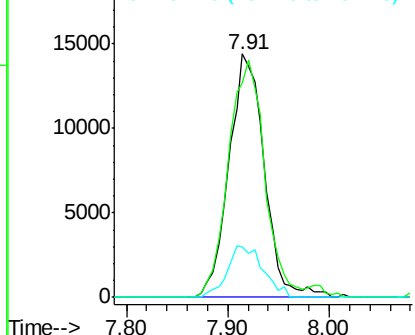
#35
Dibromofluoromethane
Concen: 10.643 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 113 Resp: 34892
Ion Ratio Lower Upper
113 100
111 100.0 81.6 122.4
192 21.4 17.0 25.4

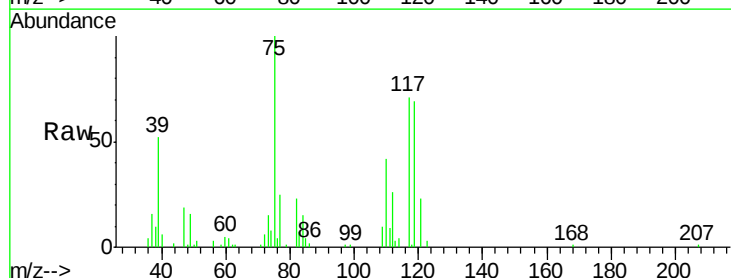


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

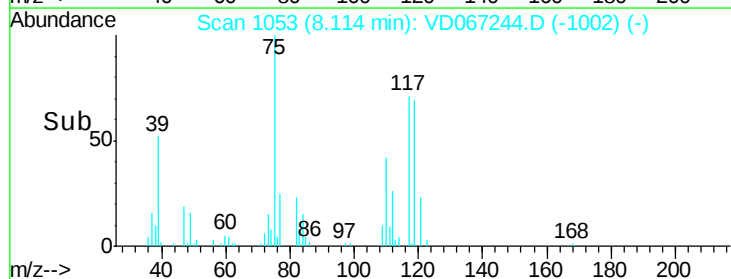
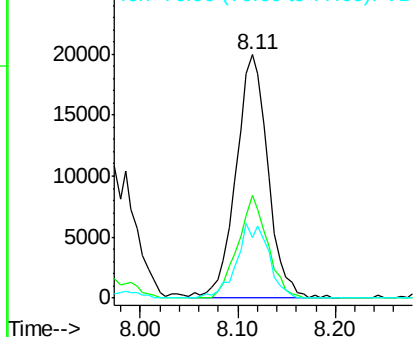


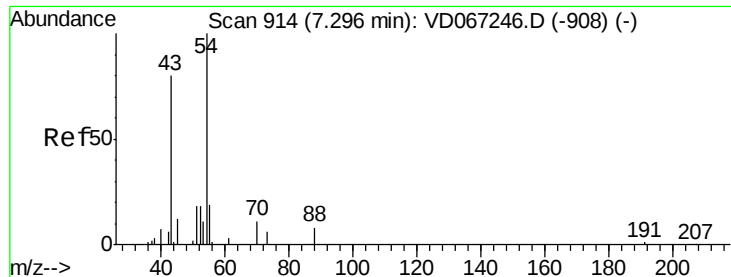
#36
1,1-Dichloropropene
Concen: 10.606 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 75 Resp: 45684
Ion Ratio Lower Upper
75 100
110 39.0 19.6 58.7
77 30.5 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VDC

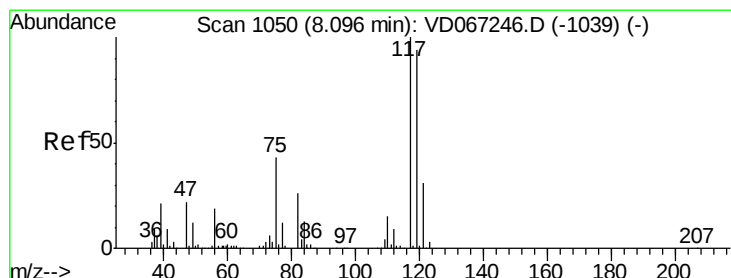
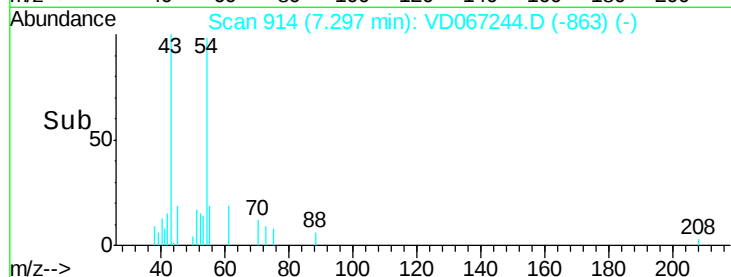
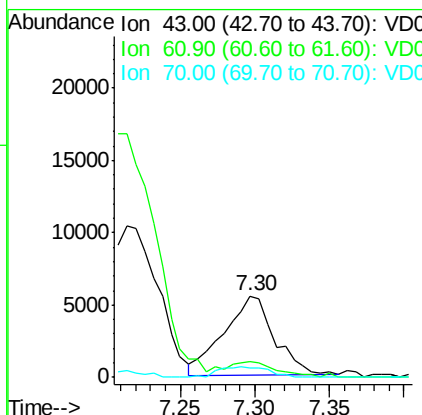
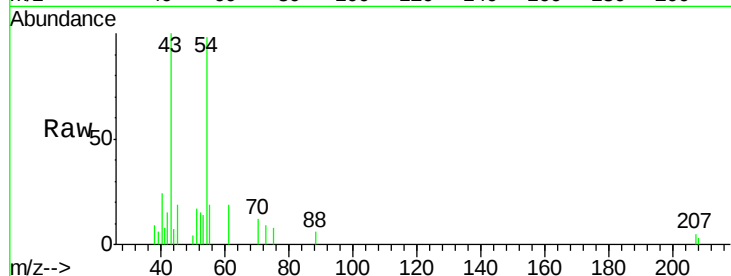




#37
Ethyl Acetate
Concen: 10.442 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

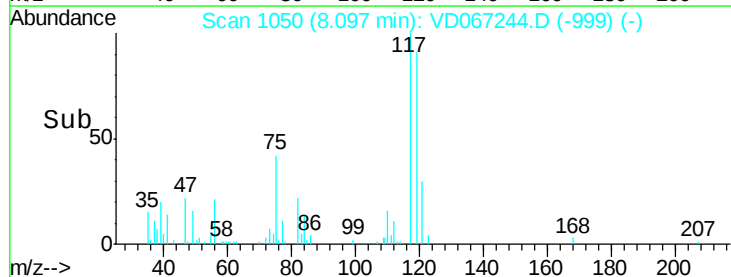
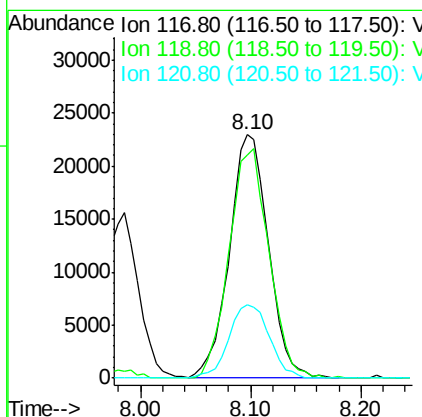
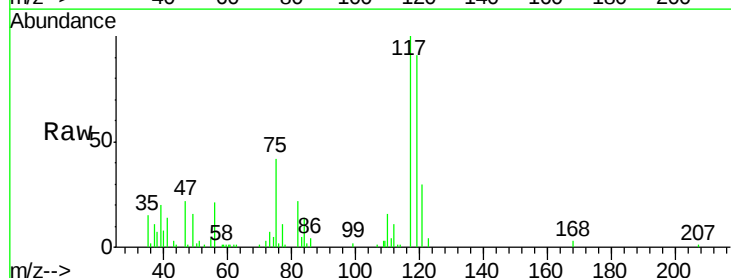
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

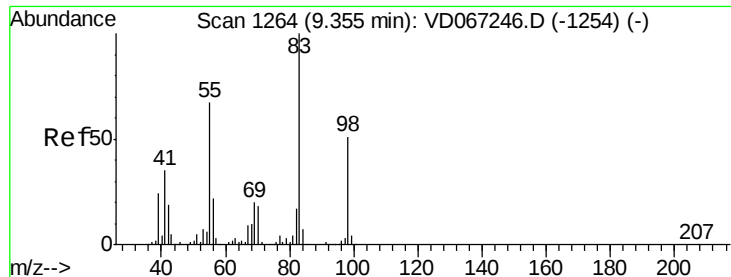
Tgt Ion: 43 Resp: 13039
Ion Ratio Lower Upper
43 100
61 16.9 15.6 23.4
70 13.6 10.4 15.6



#38
Carbon Tetrachloride
Concen: 10.340 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 117 Resp: 57097
Ion Ratio Lower Upper
117 100
119 91.5 75.0 112.4
121 30.2 24.9 37.3

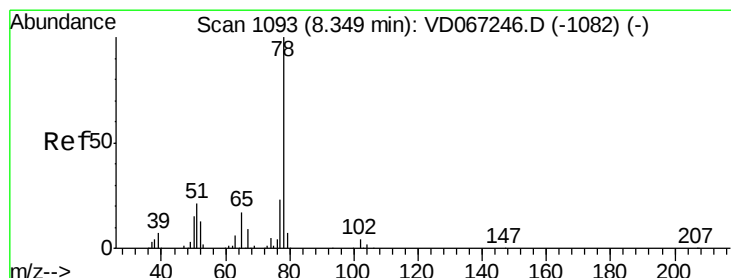
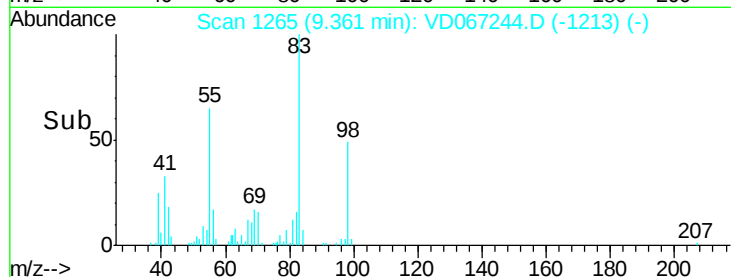
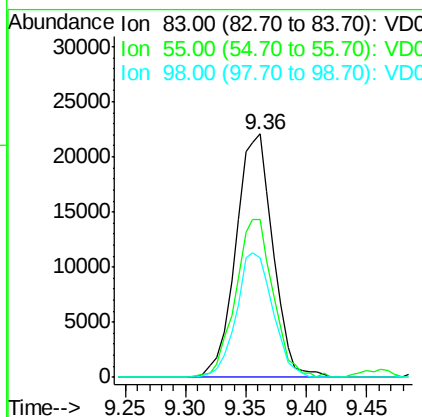
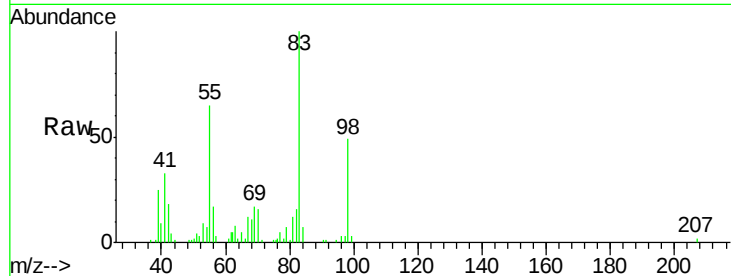




#39
Methylcyclohexane
Concen: 10.717 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

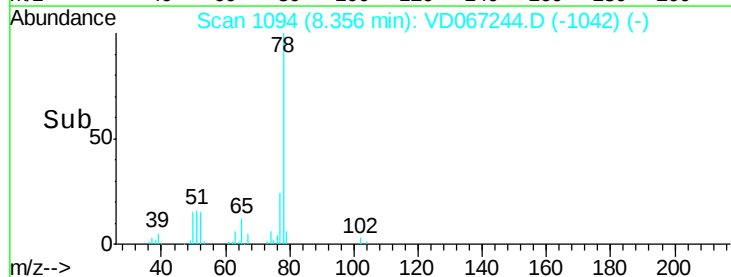
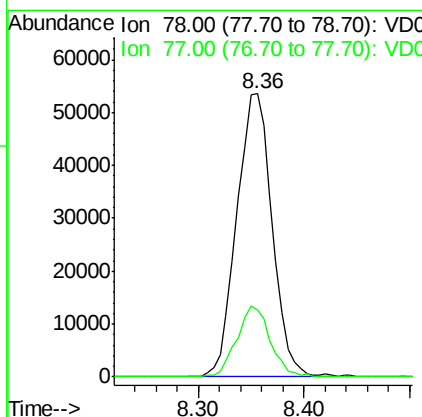
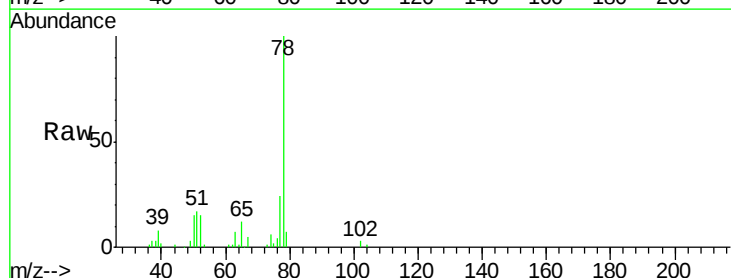
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

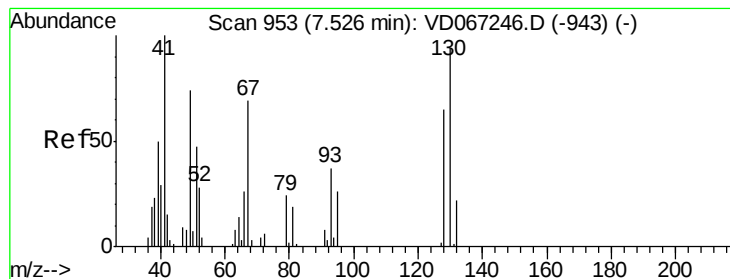
Tgt Ion: 83 Resp: 47328
Ion Ratio Lower Upper
83 100
55 64.9 53.3 79.9
98 49.1 41.0 61.4



#40
Benzene
Concen: 10.518 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 78 Resp: 124833
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5





#41

Methacrylonitrile

Concen: 12.581 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 41 Resp: 6703

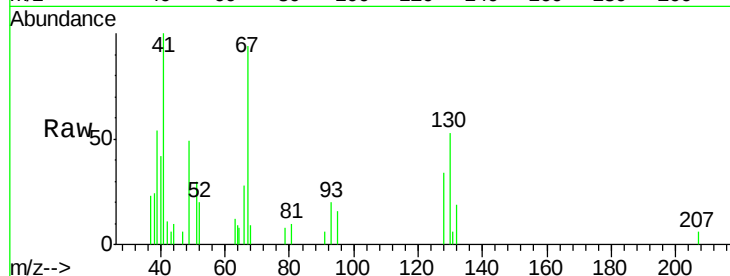
Ion Ratio Lower Upper

41 100

39 63.9 60.0 90.0

67 100.5 88.9 133.3

52 39.7 36.9 55.3

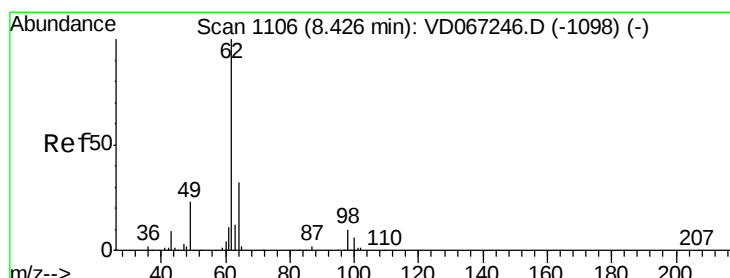
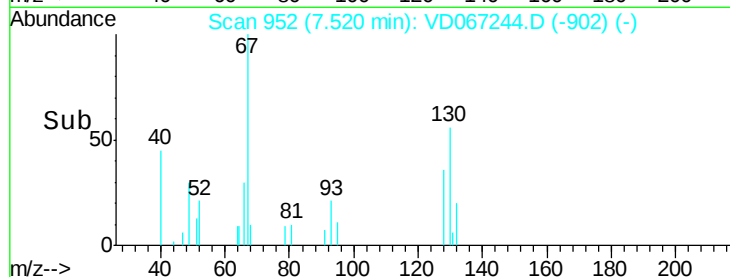
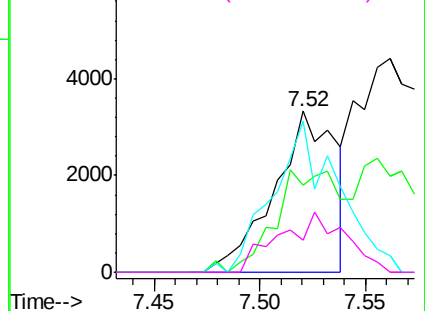


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 10.126 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067244.D

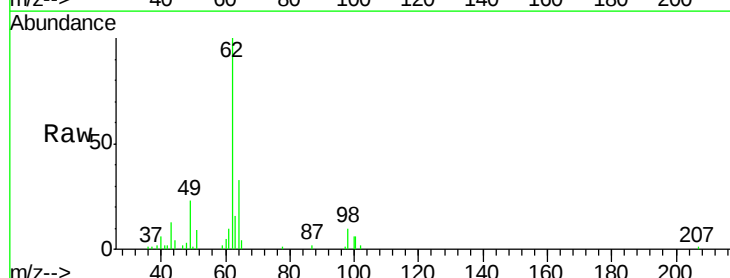
Acq: 13 Oct 2020 10:55

Tgt Ion: 62 Resp: 37547

Ion Ratio Lower Upper

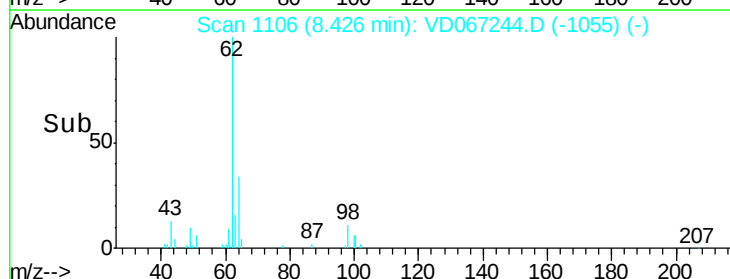
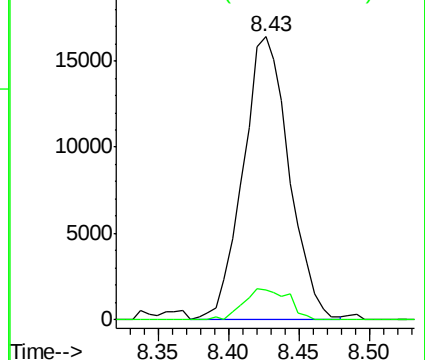
62 100

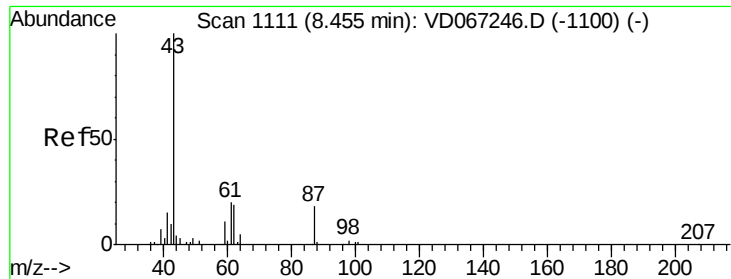
98 10.9 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 10.532 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

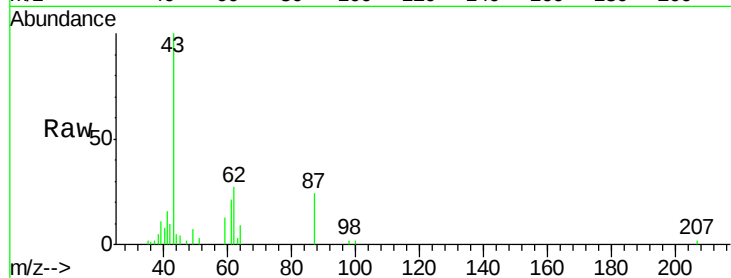
Tgt Ion: 43 Resp: 25770

Ion Ratio Lower Upper

43 100

61 36.3 29.5 44.3

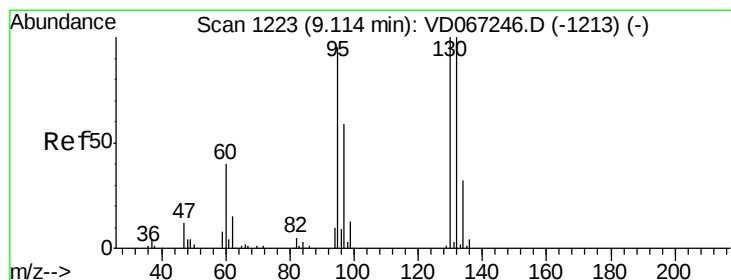
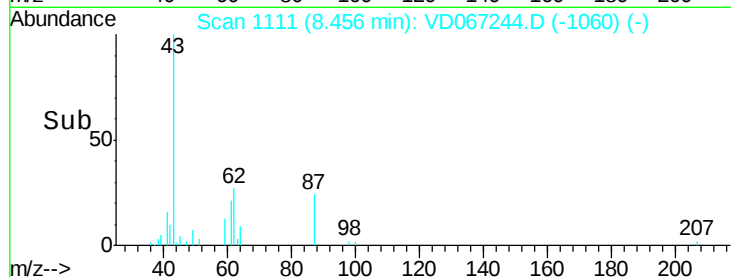
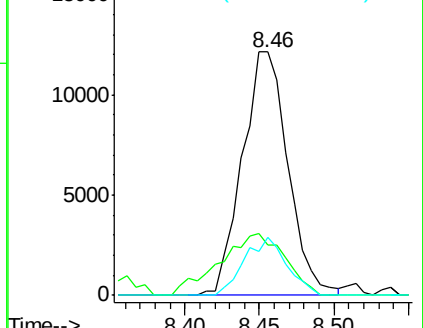
87 22.0 14.2 21.4#



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: 10.504 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VD067244.D

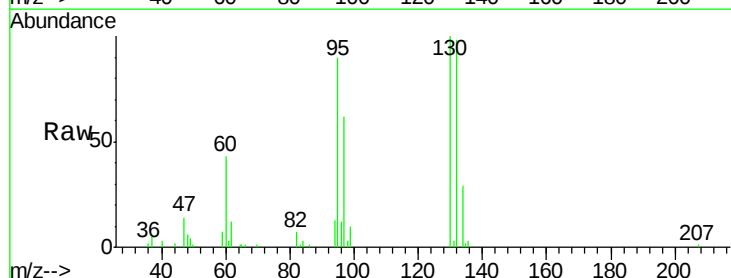
Acq: 13 Oct 2020 10:55

Tgt Ion: 130 Resp: 39834

Ion Ratio Lower Upper

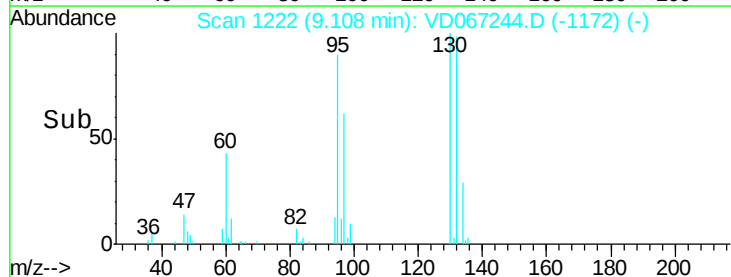
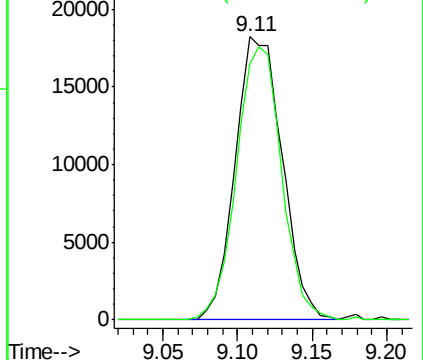
130 100

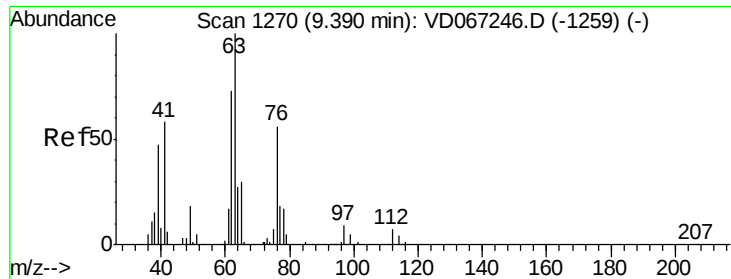
95 90.5 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

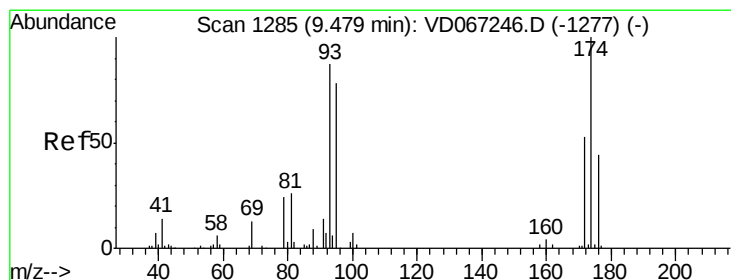
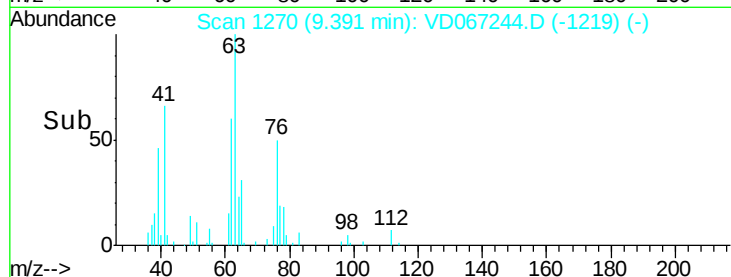
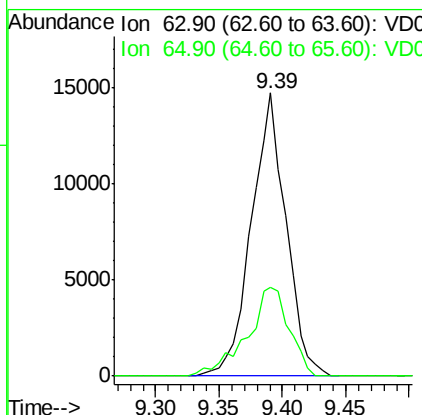
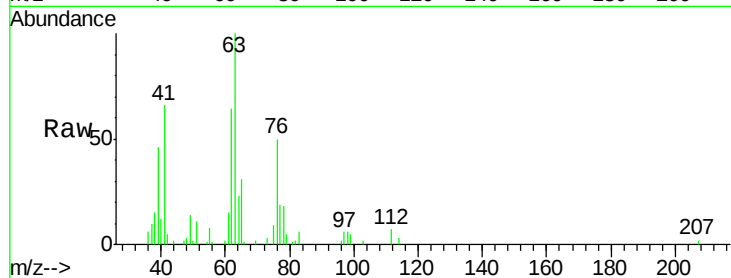




#45
 1,2-Dichloropropane
 Concen: 10.307 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

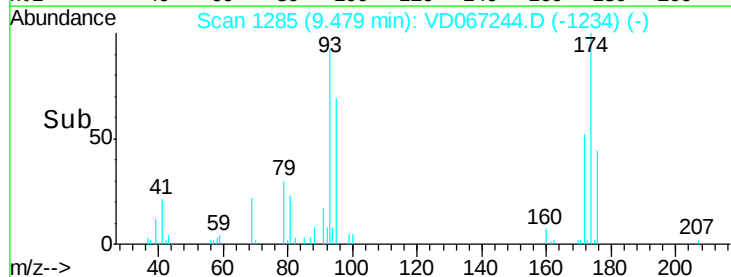
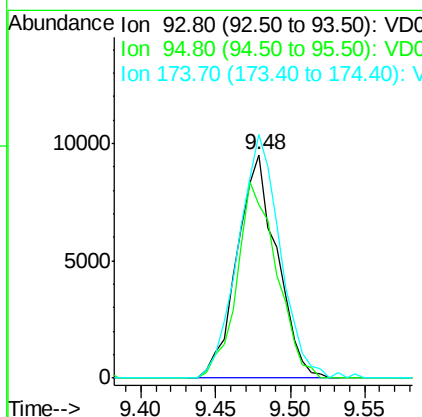
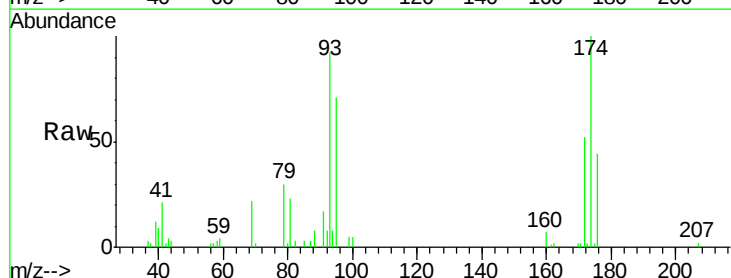
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

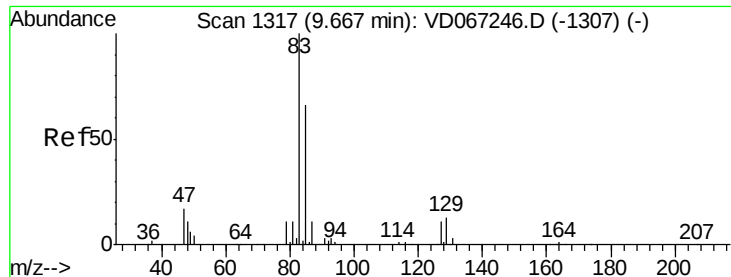
Tgt Ion: 63 Resp: 28090
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.6 36.8



#46
 Dibromomethane
 Concen: 10.263 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion: 93 Resp: 17610
 Ion Ratio Lower Upper
 93 100
 95 87.5 68.0 102.0
 174 114.9 91.8 137.6





#47

Bromodichloromethane

Concen: 10.736 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

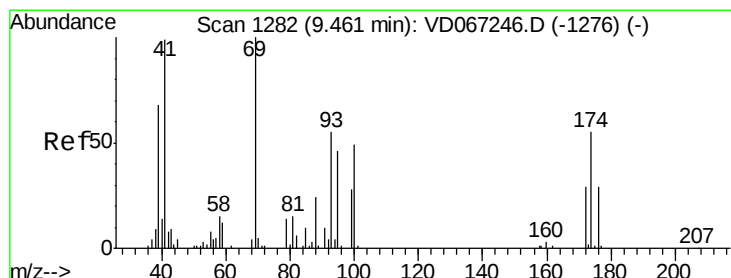
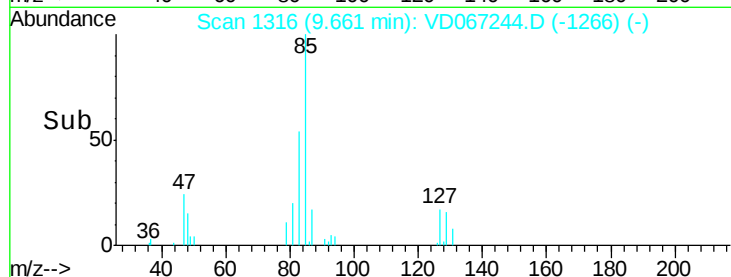
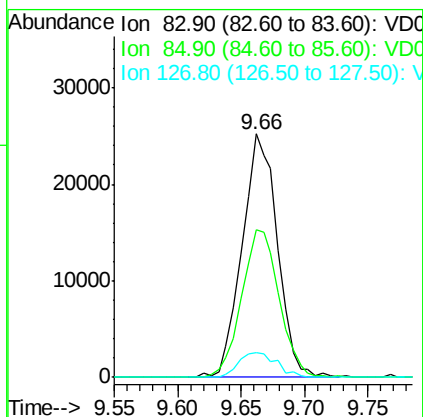
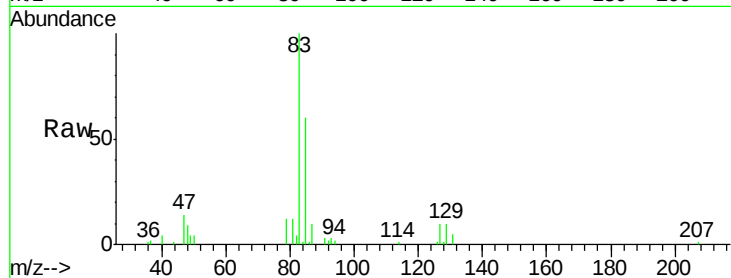
Tgt Ion: 83 Resp: 48786

Ion Ratio Lower Upper

83 100

85 60.5 53.1 79.7

127 10.1 8.6 13.0



#48

Methyl methacrylate

Concen: 11.148 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

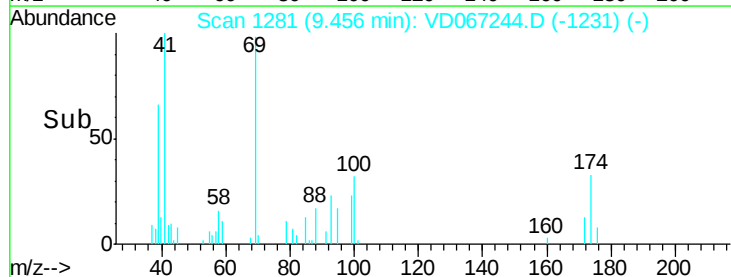
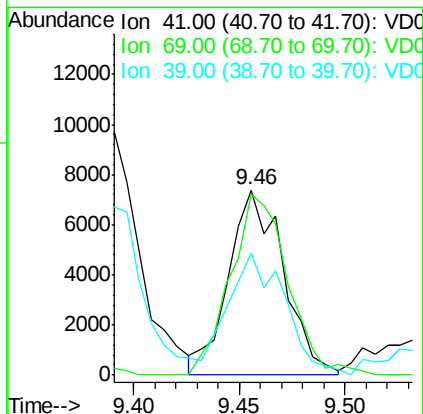
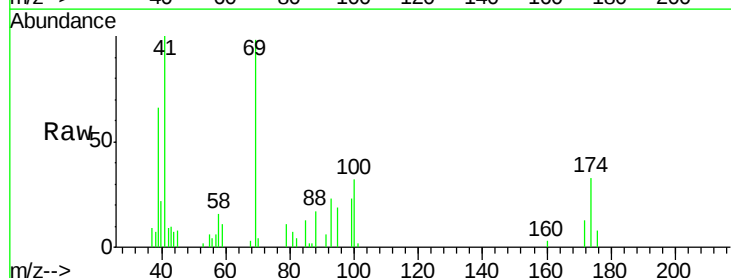
Tgt Ion: 41 Resp: 13289

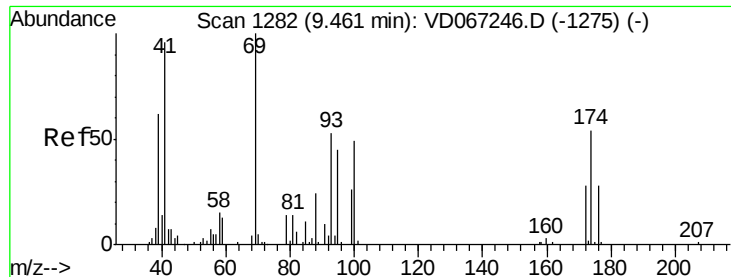
Ion Ratio Lower Upper

41 100

69 102.4 89.0 133.6

39 68.1 60.2 90.2





#49

1,4-Dioxane

Concen: 191.805 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

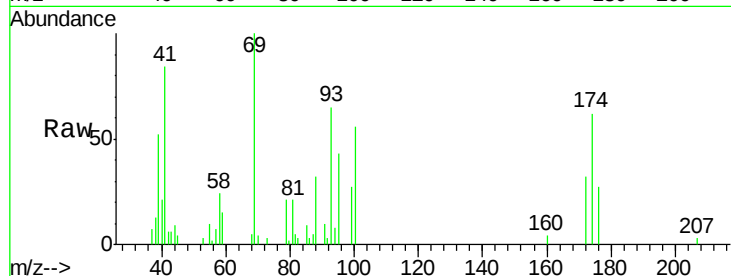
Tgt Ion: 88 Resp: 3491

Ion Ratio Lower Upper

88 100

43 23.1 23.9 35.9#

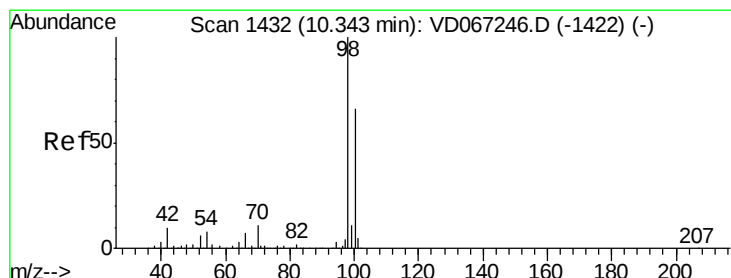
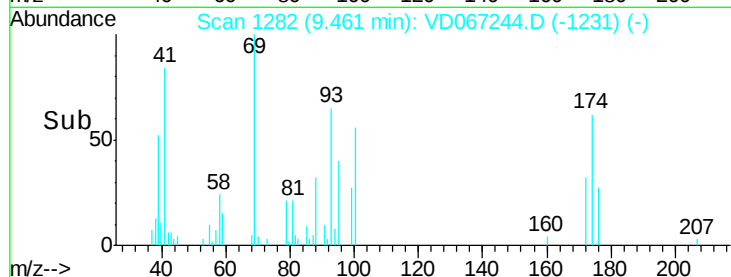
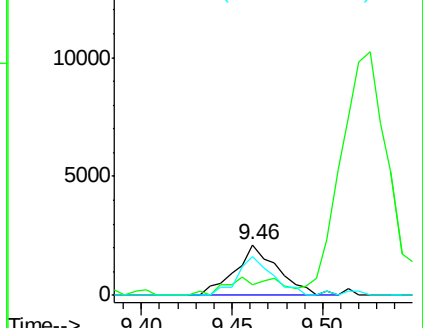
58 62.0 51.0 76.6



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: 10.677 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067244.D

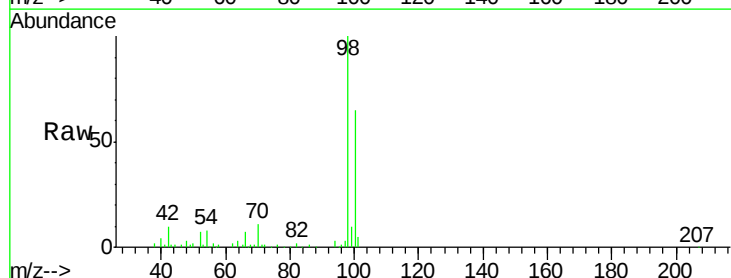
Acq: 13 Oct 2020 10:55

Tgt Ion: 98 Resp: 127658

Ion Ratio Lower Upper

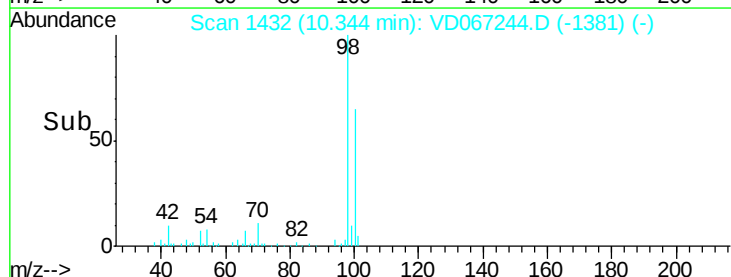
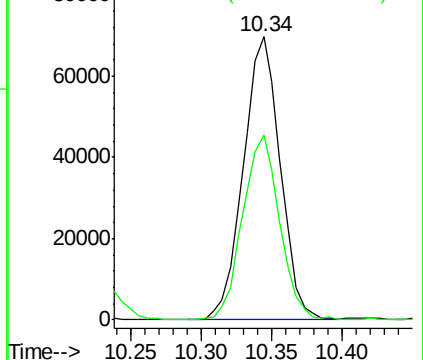
98 100

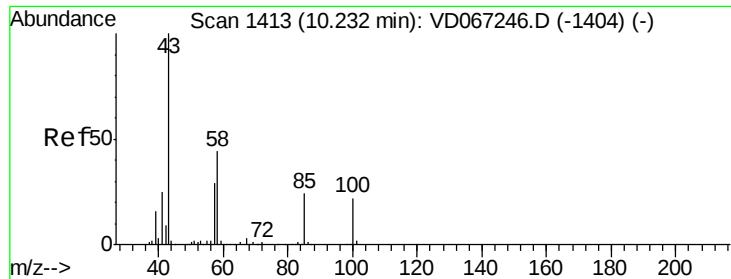
100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

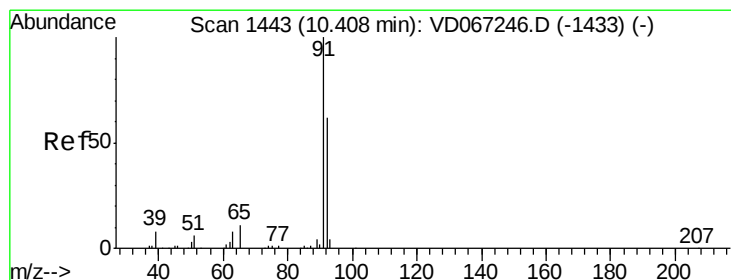
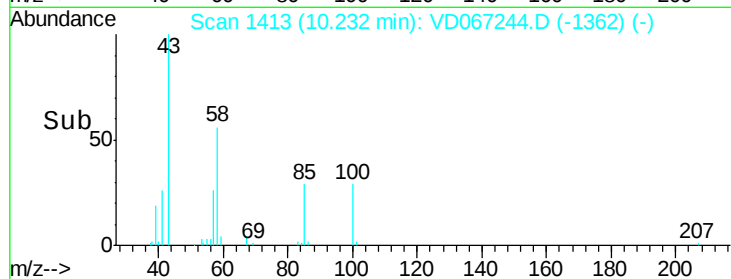
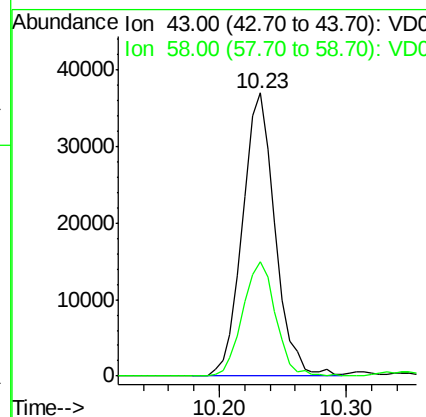
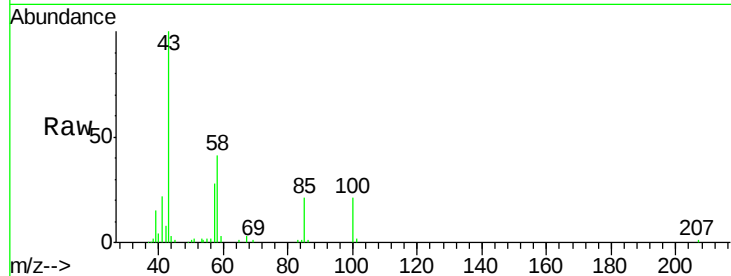




#51
 4-Methyl-2-Pentanone
 Concen: 53.105 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

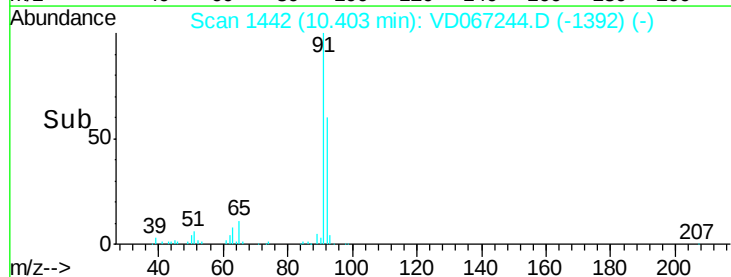
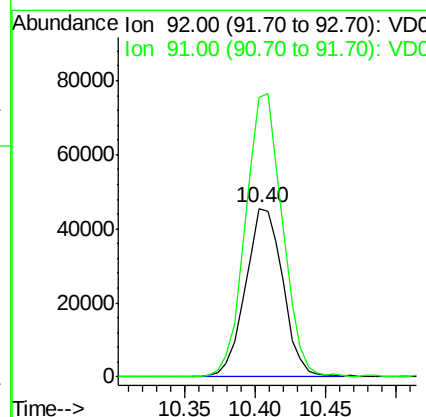
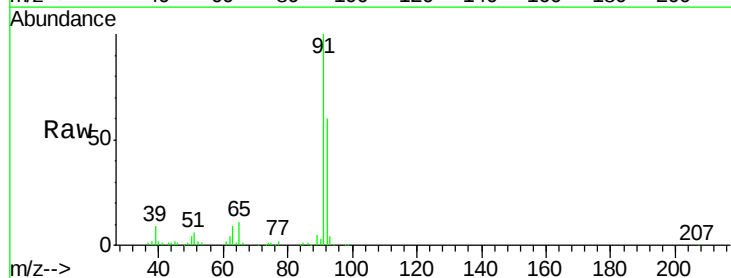
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

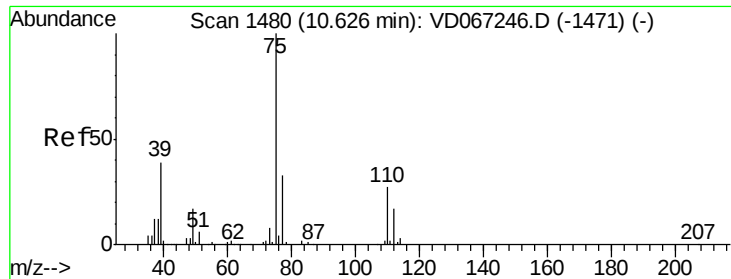
Tgt Ion: 43 Resp: 65938
 Ion Ratio Lower Upper
 43 100
 58 41.0 35.7 53.5



#52
 Toluene
 Concen: 10.517 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion: 92 Resp: 84497
 Ion Ratio Lower Upper
 92 100
 91 166.6 133.8 200.8





#53

t-1,3-Dichloropropene

Concen: 10.712 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

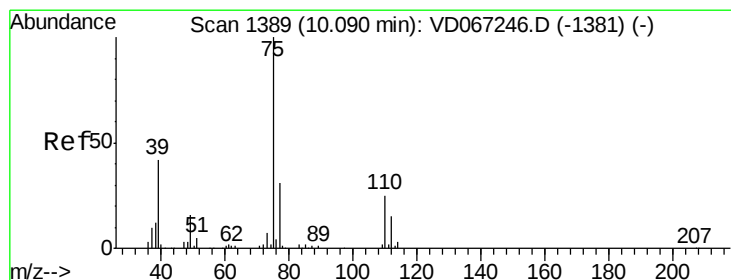
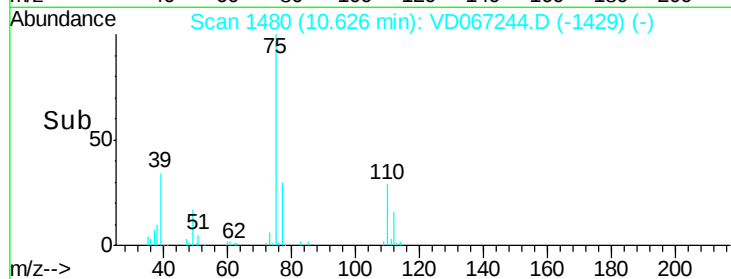
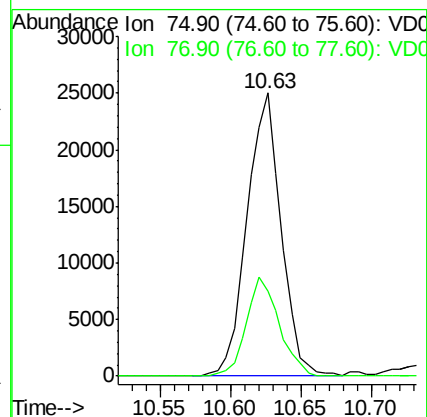
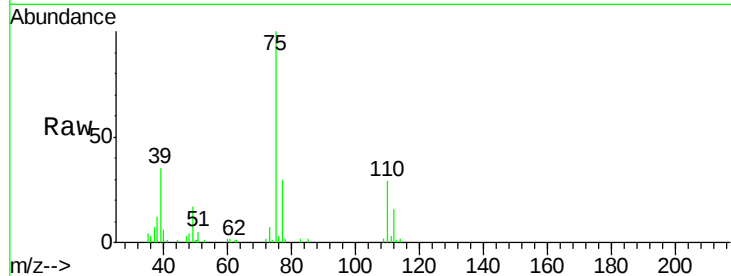
VSTDIC010

Tgt Ion: 75 Resp: 42342

Ion Ratio Lower Upper

75 100

77 29.8 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 10.253 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

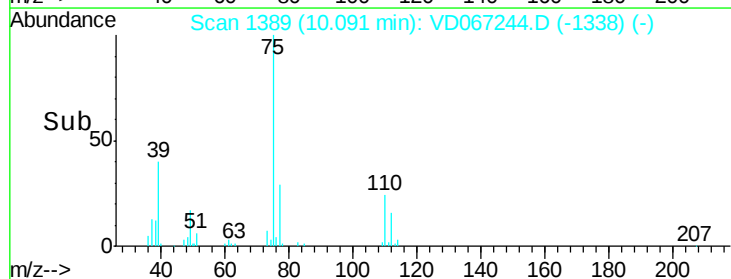
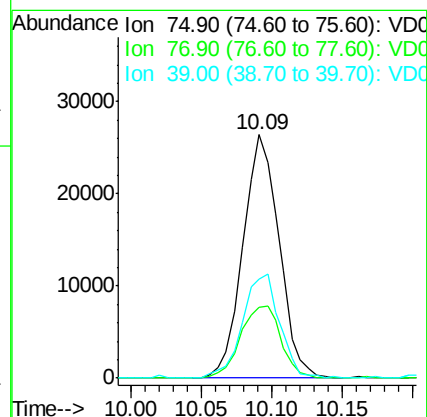
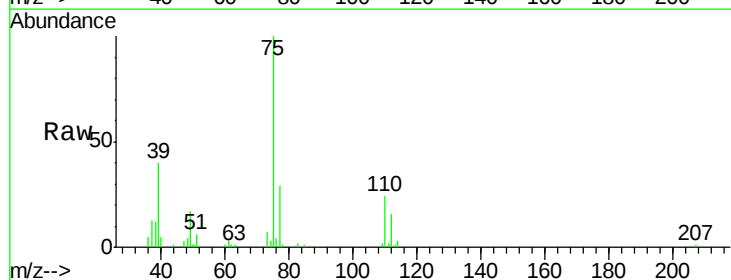
Tgt Ion: 75 Resp: 47479

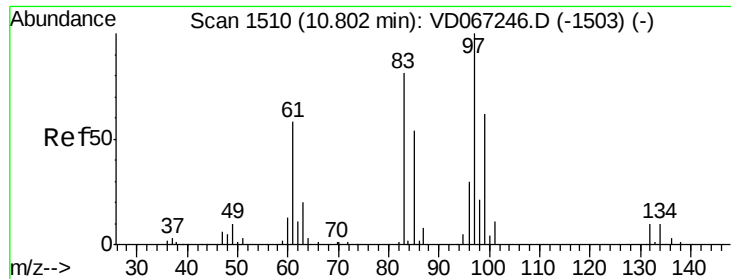
Ion Ratio Lower Upper

75 100

77 28.9 24.5 36.7

39 40.4 33.7 50.5

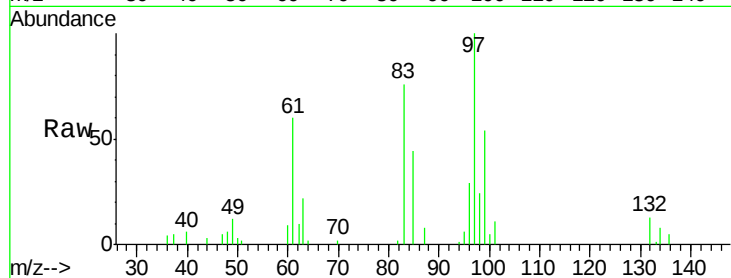




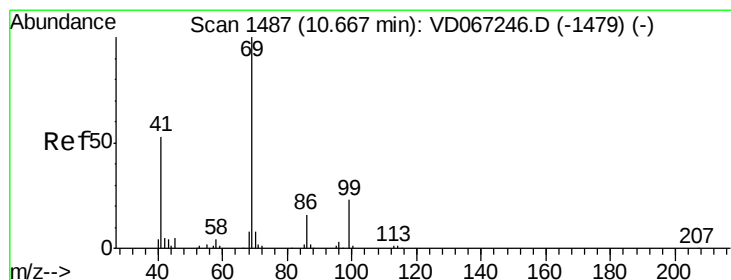
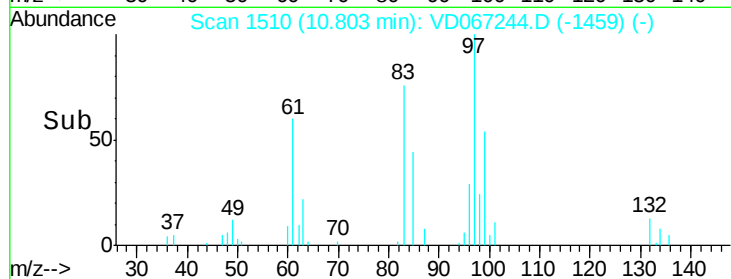
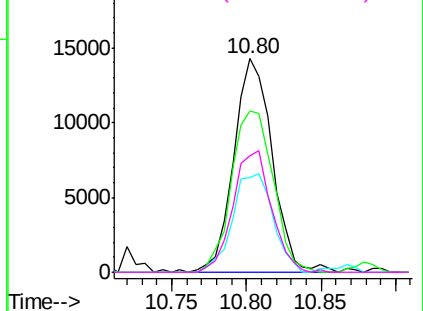
#55
 1,1,2-Trichloroethane
 Concen: 10.847 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion:	97	Resp:	25556
Ion	Ratio	Lower	Upper
97	100		
83	75.8	64.9	97.3
85	44.2	43.3	64.9
99	54.3	49.1	73.7

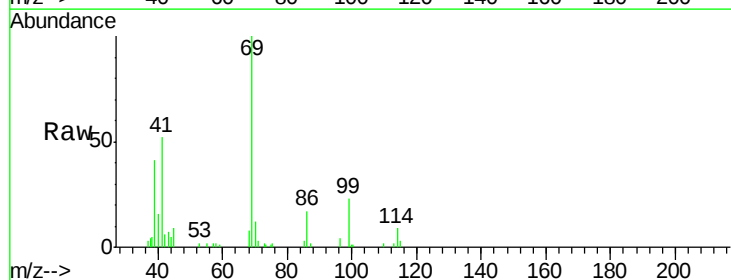


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

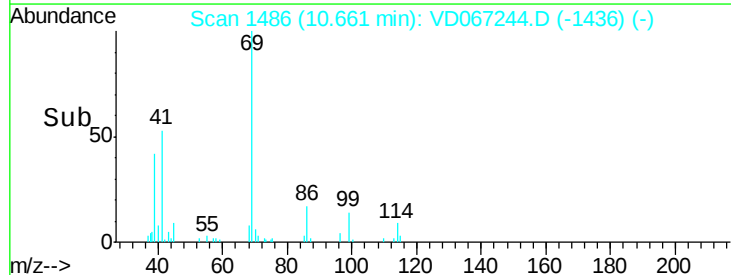
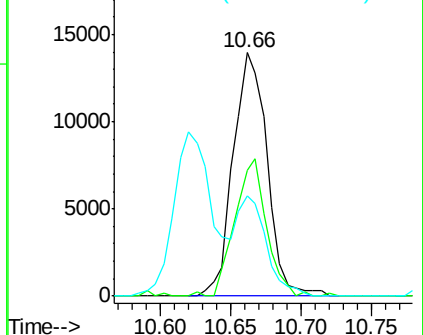


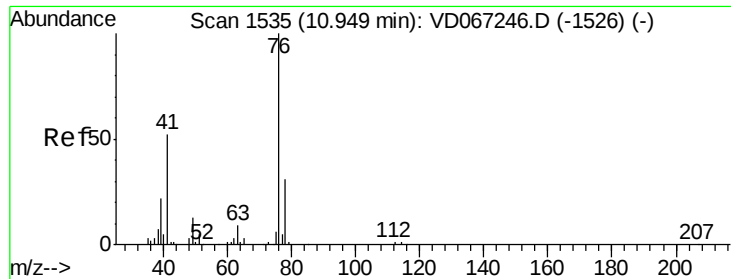
#56
 Ethyl methacrylate
 Concen: 10.210 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion:	69	Resp:	23504
Ion	Ratio	Lower	Upper
69	100		
41	52.5	44.7	67.1
39	35.1	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

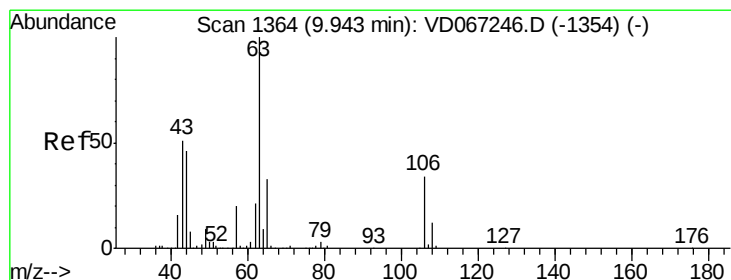
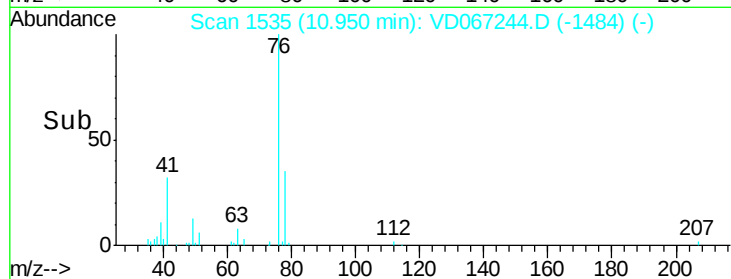
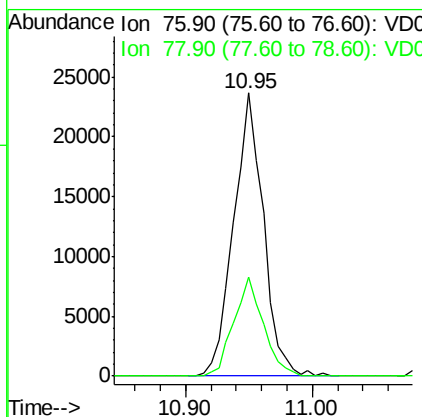
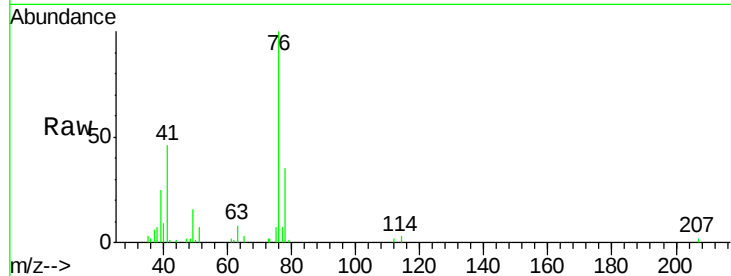




#57
 1,3-Dichloropropane
 Concen: 10.427 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

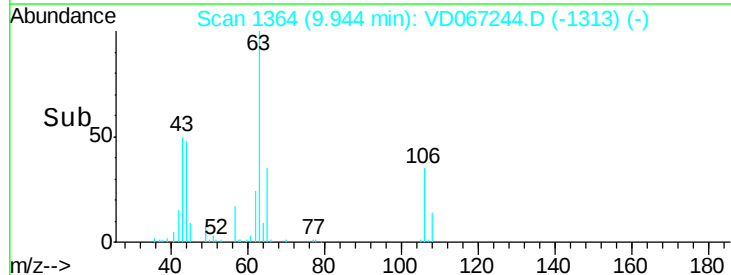
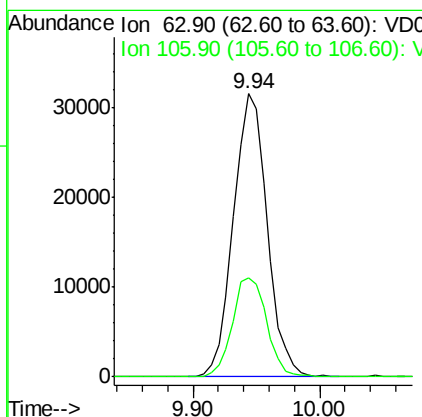
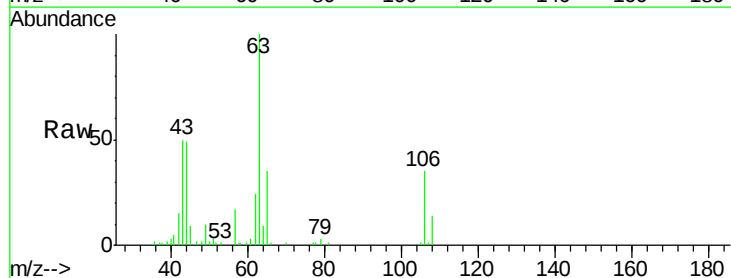
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

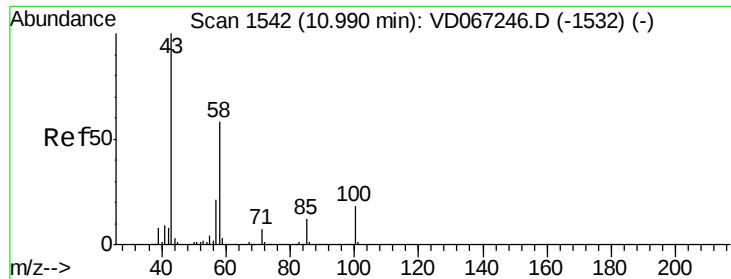
Tgt Ion: 76 Resp: 38460
 Ion Ratio Lower Upper
 76 100
 78 34.8 26.8 40.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 48.911 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion: 63 Resp: 57996
 Ion Ratio Lower Upper
 63 100
 106 35.5 27.8 41.6

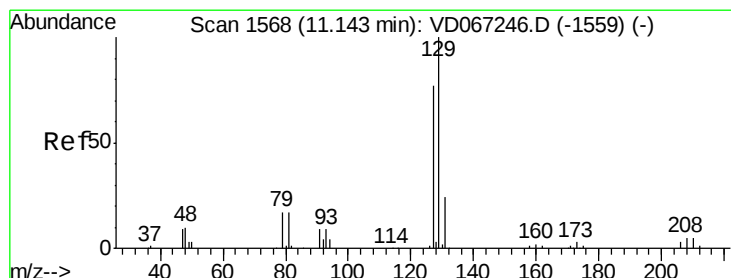
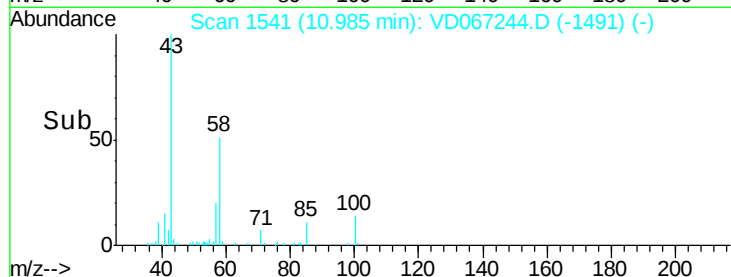
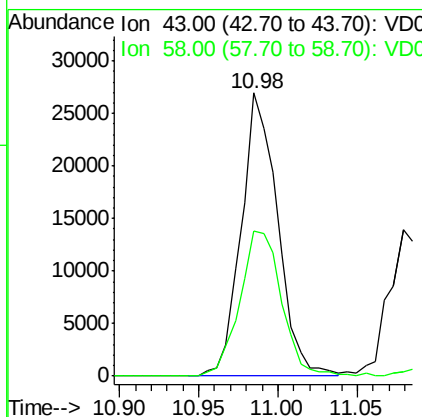
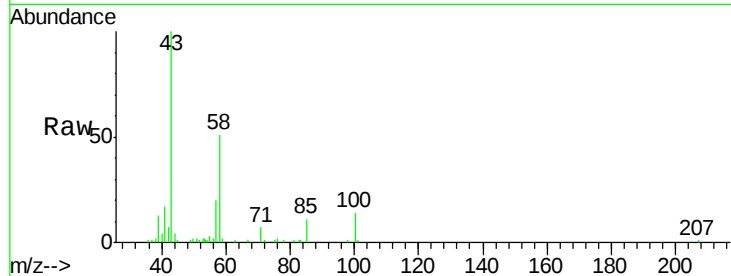




#59
2-Hexanone
Concen: 51.543 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

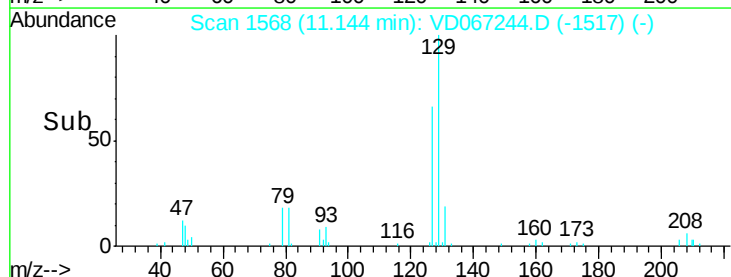
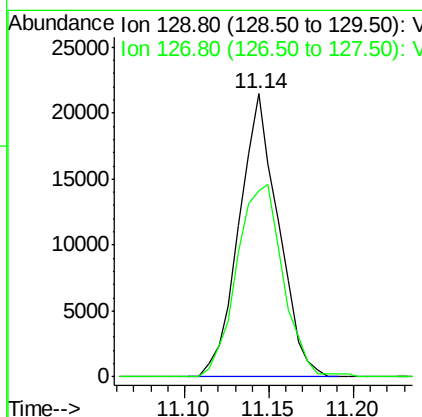
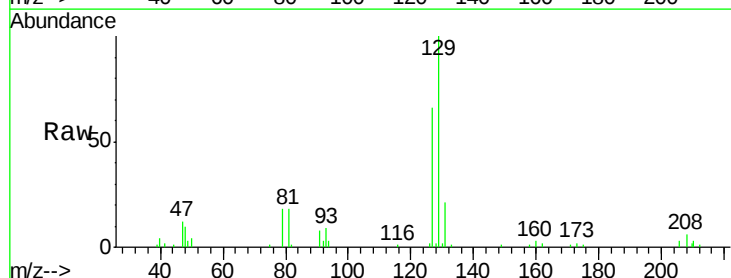
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

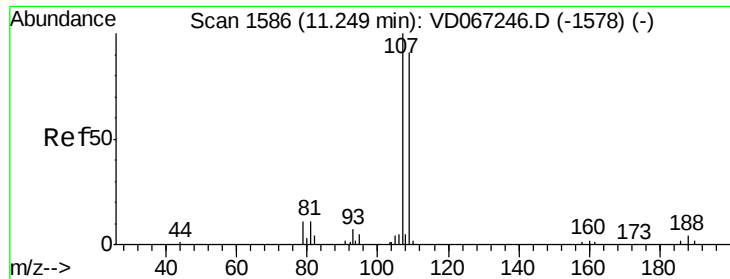
Tgt Ion: 43 Resp: 43096
Ion Ratio Lower Upper
43 100
58 58.6 29.3 87.9



#60
Dibromochloromethane
Concen: 10.202 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 129 Resp: 34717
Ion Ratio Lower Upper
129 100
127 79.8 38.3 114.8

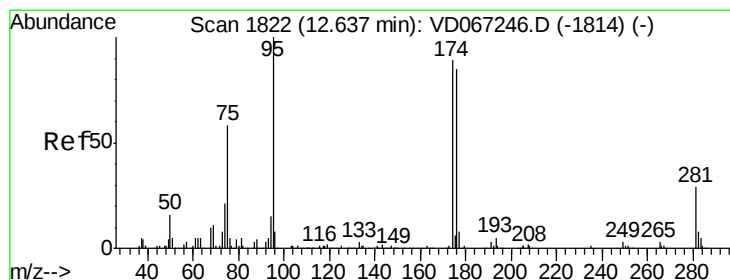
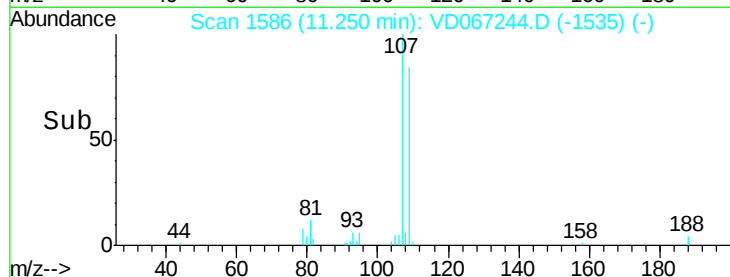
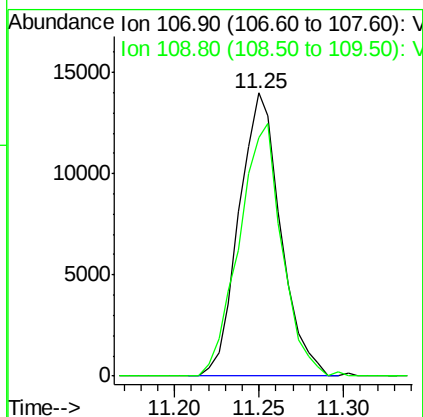
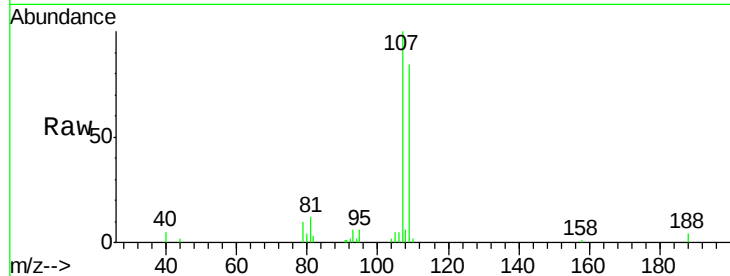




#61
 1,2-Dibromoethane
 Concen: 10.453 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

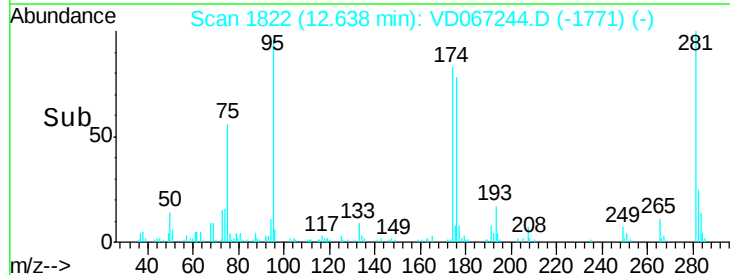
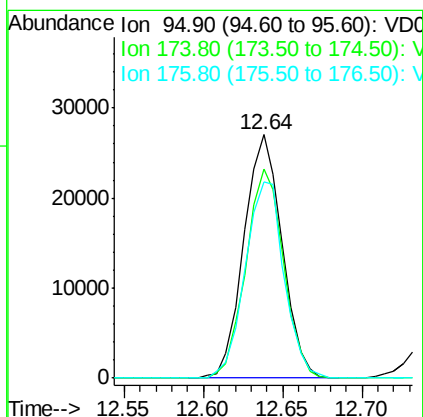
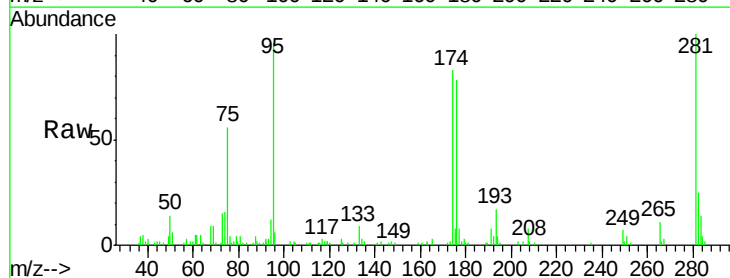
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

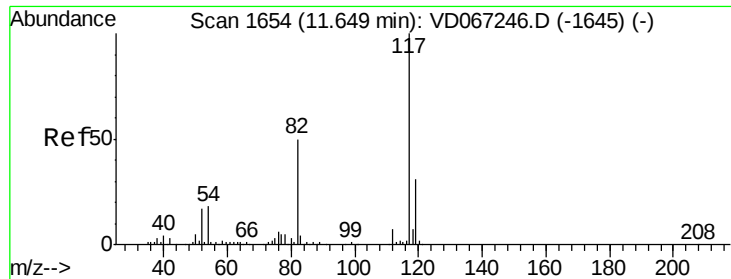
Tgt Ion: 107 Resp: 23977
 Ion Ratio Lower Upper
 107 100
 109 92.3 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 10.861 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion: 95 Resp: 45176
 Ion Ratio Lower Upper
 95 100
 174 84.7 0.0 175.2
 176 82.4 0.0 168.6

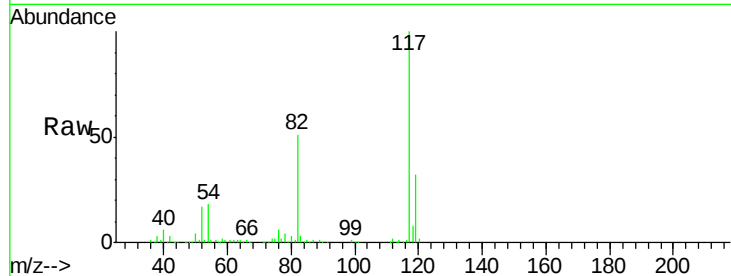




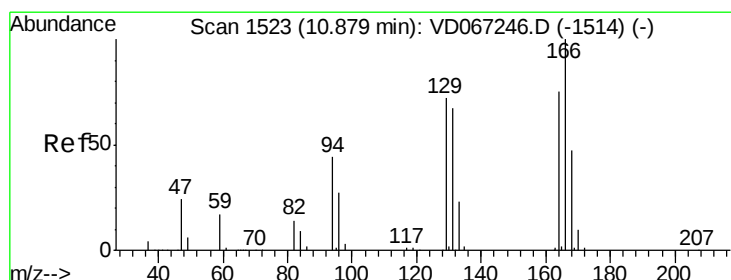
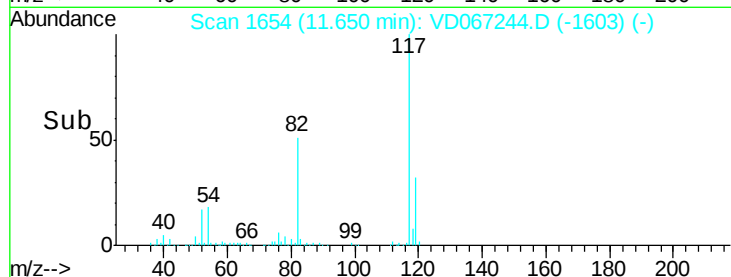
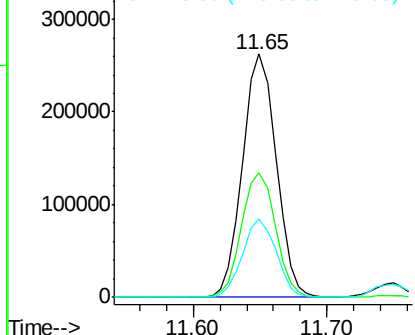
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 459564
Ion Ratio Lower Upper
117 100
82 51.3 39.9 59.9
119 32.4 24.9 37.3

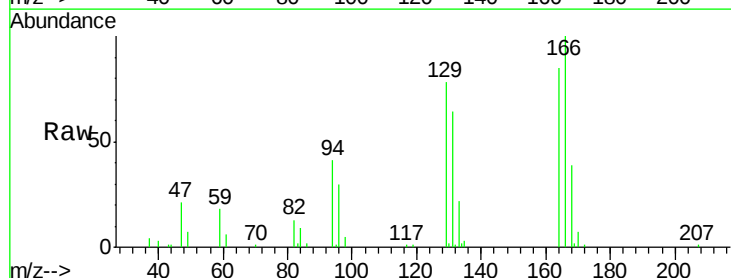


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

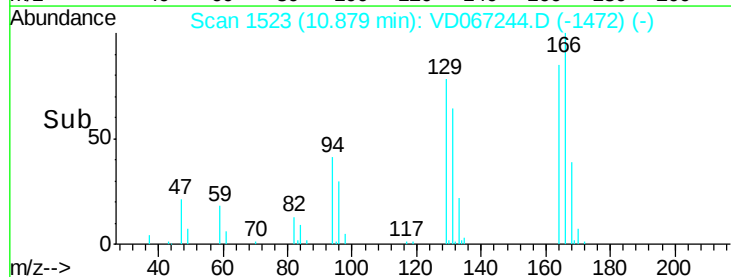
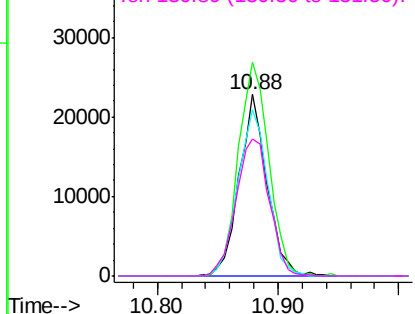


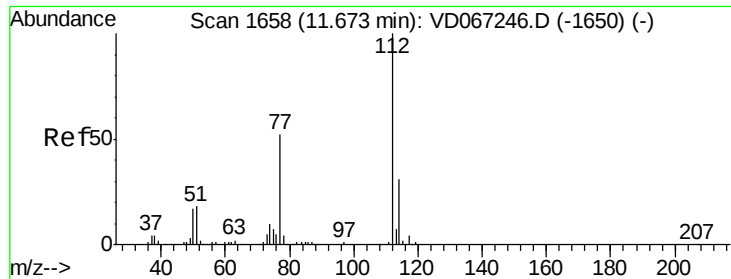
#64
Tetrachloroethene
Concen: 10.573 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion:164 Resp: 37029
Ion Ratio Lower Upper
164 100
166 117.8 107.3 160.9
129 92.0 77.3 115.9
131 75.5 71.4 107.2



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

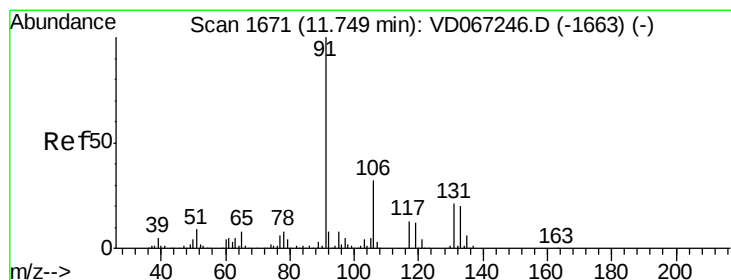
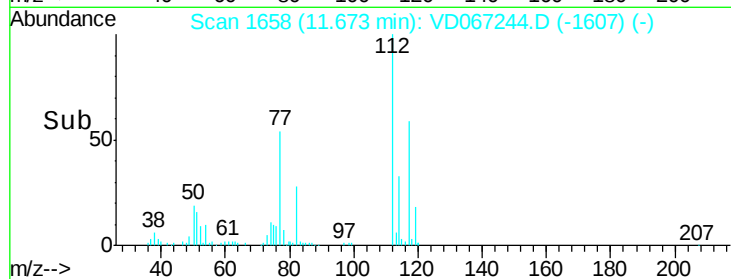
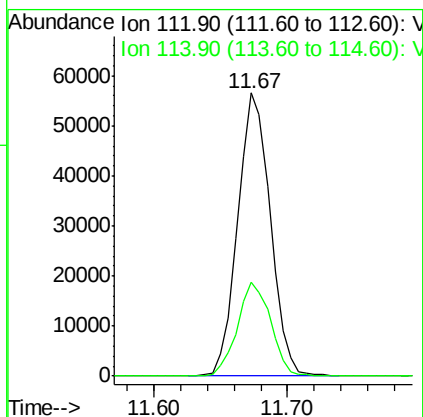
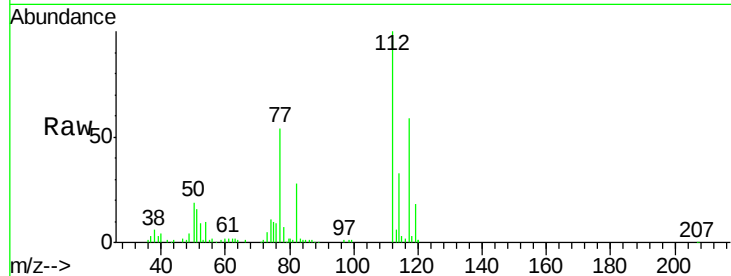




#65
Chlorobenzene
Concen: 10.444 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

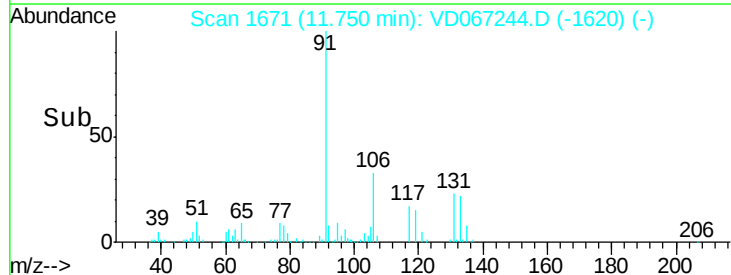
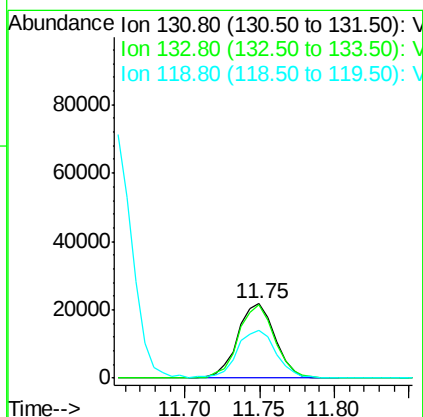
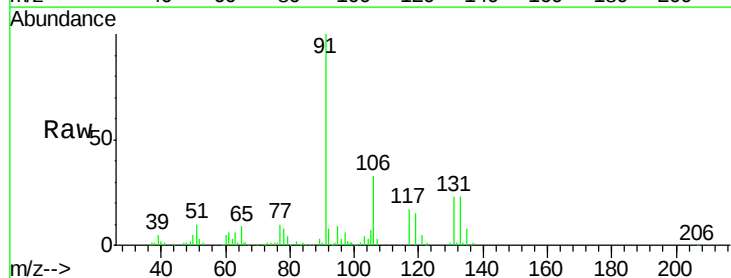
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

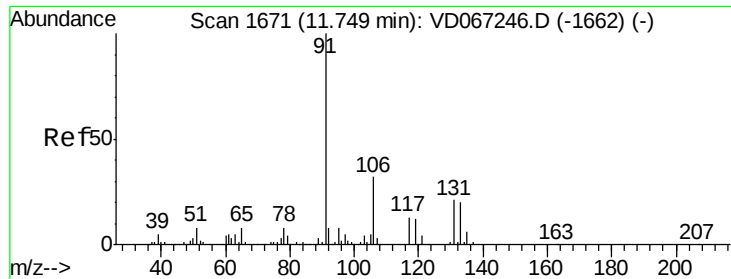
Tgt Ion:112 Resp: 95468
Ion Ratio Lower Upper
112 100
114 33.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 10.403 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion:131 Resp: 37762
Ion Ratio Lower Upper
131 100
133 96.9 48.1 144.3
119 67.5 30.0 90.0

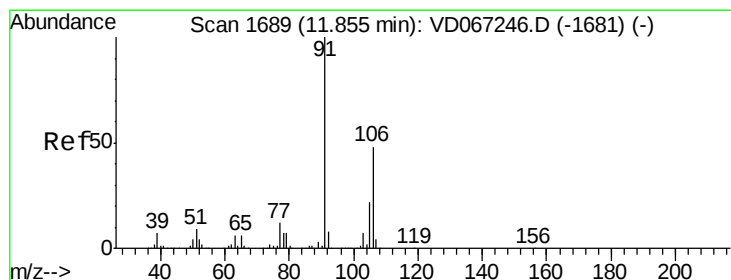
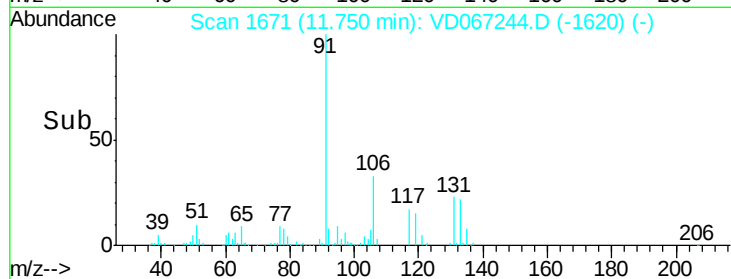
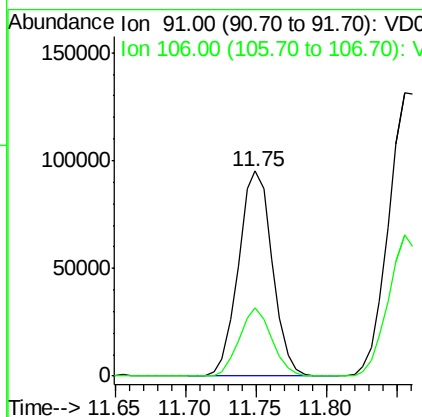
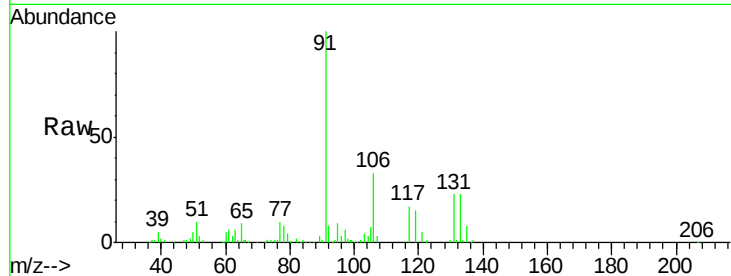




#67
Ethyl Benzene
Concen: 10.418 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

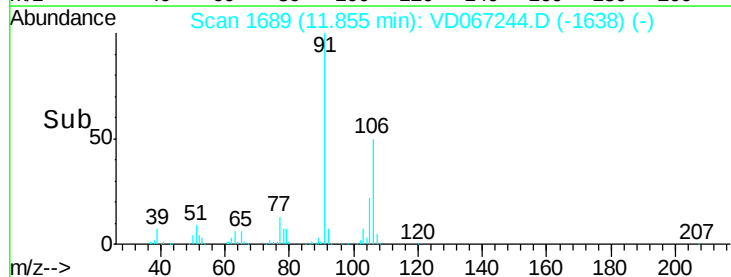
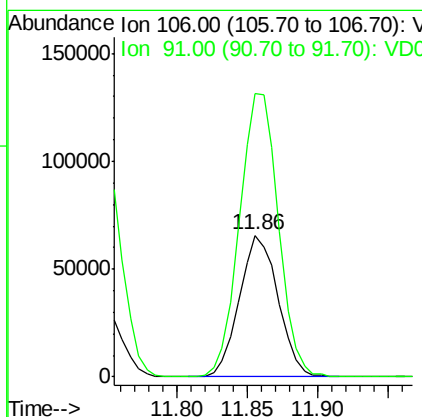
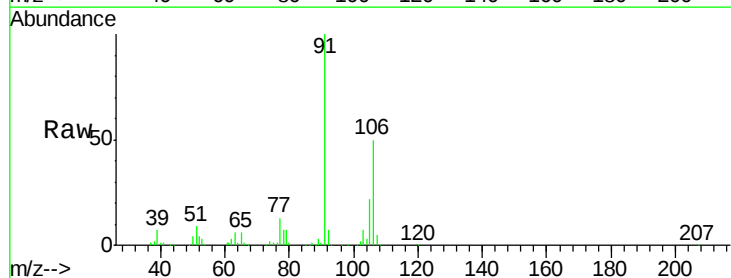
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

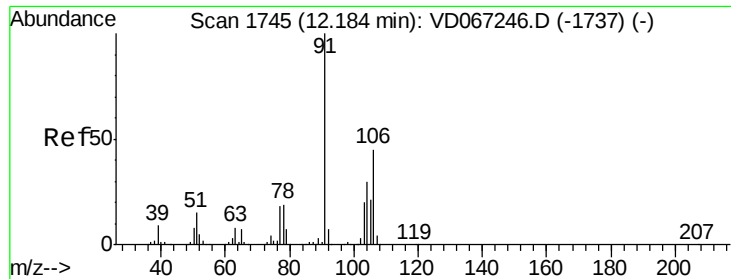
Tgt Ion: 91 Resp: 160223
Ion Ratio Lower Upper
91 100
106 33.4 25.4 38.0



#68
m/p-Xylenes
Concen: 21.145 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 106 Resp: 126350
Ion Ratio Lower Upper
106 100
91 200.8 163.8 245.8

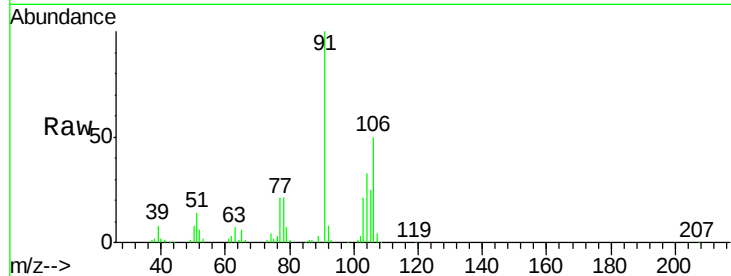




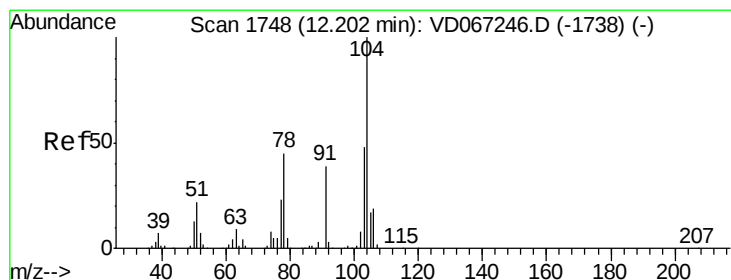
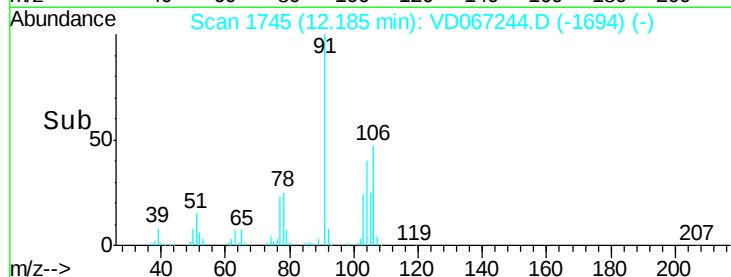
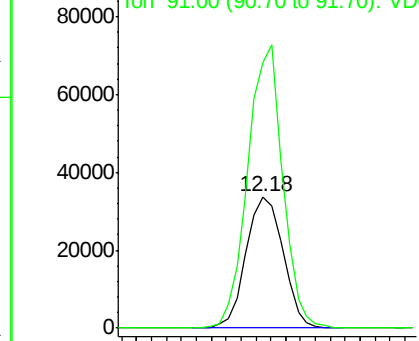
#69
o-Xylene
Concen: 10.546 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 58266
Ion Ratio Lower Upper
106 100
91 202.6 109.1 327.3

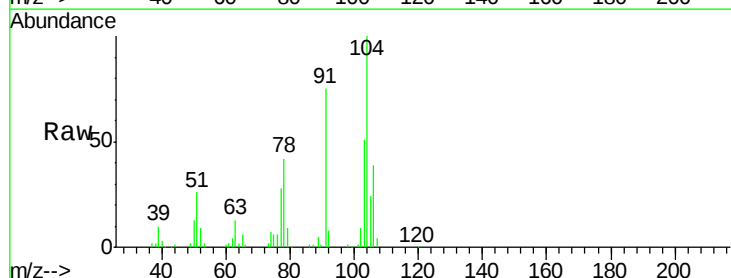


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

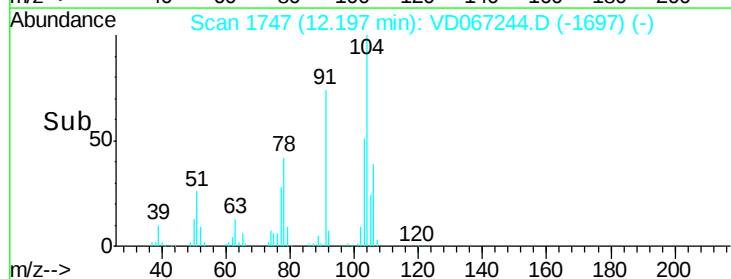
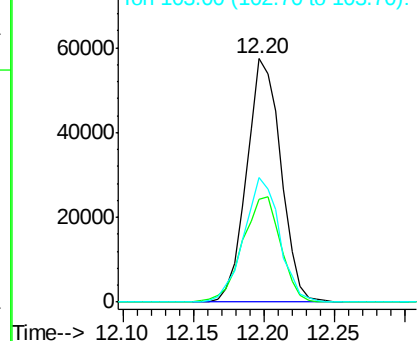


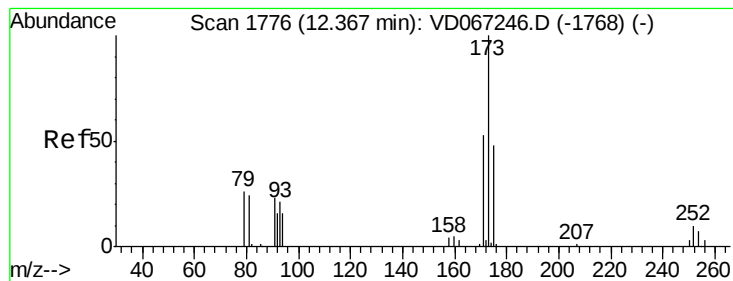
#70
Styrene
Concen: 10.320 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion:104 Resp: 97972
Ion Ratio Lower Upper
104 100
78 47.7 39.8 59.6
103 53.4 42.6 64.0



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





#71

Bromoform

Concen: 10.790 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

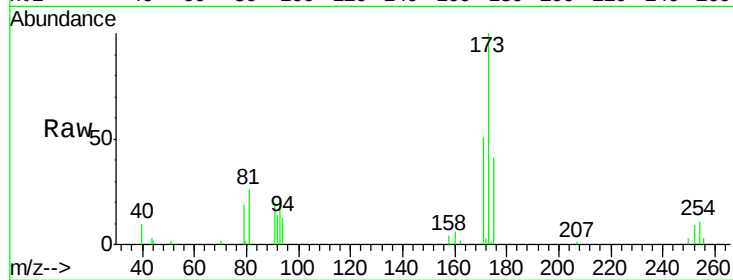
Tgt Ion:173 Resp: 20946

Ion Ratio Lower Upper

173 100

175 50.9 24.2 72.6

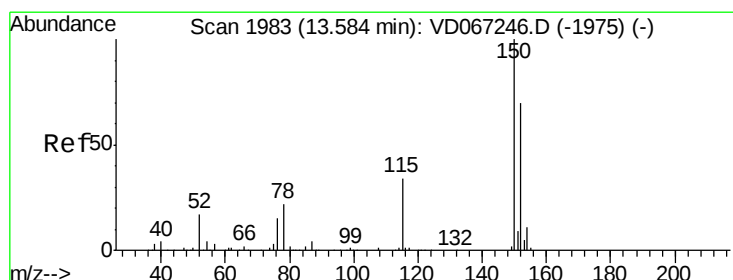
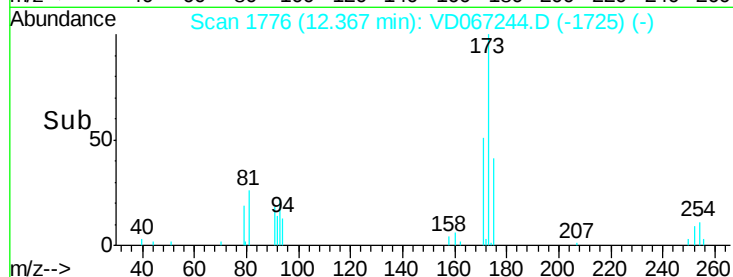
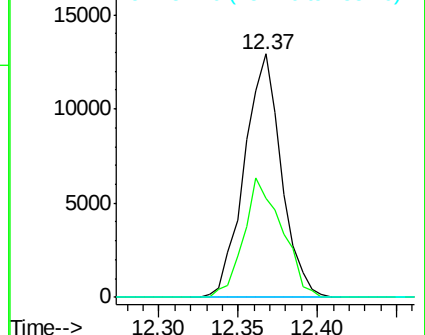
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

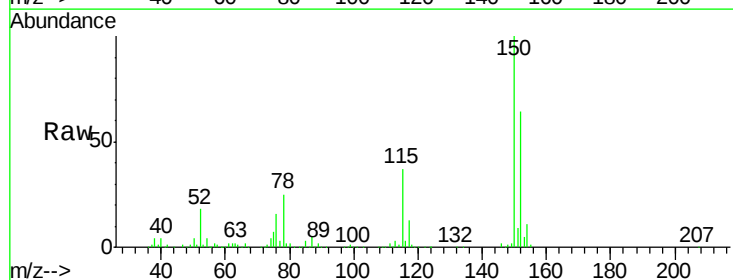
Tgt Ion:152 Resp: 236651

Ion Ratio Lower Upper

152 100

115 59.3 29.3 87.9

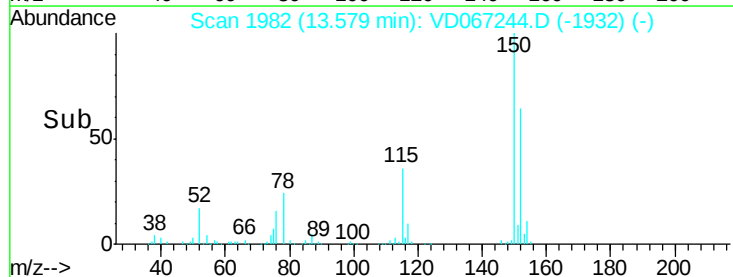
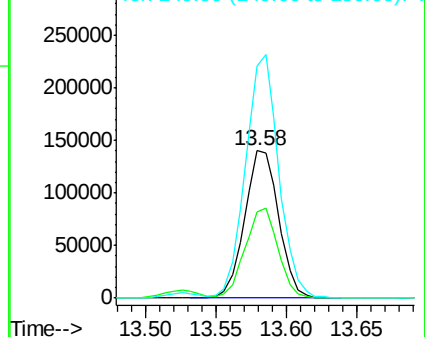
150 161.1 0.0 339.0

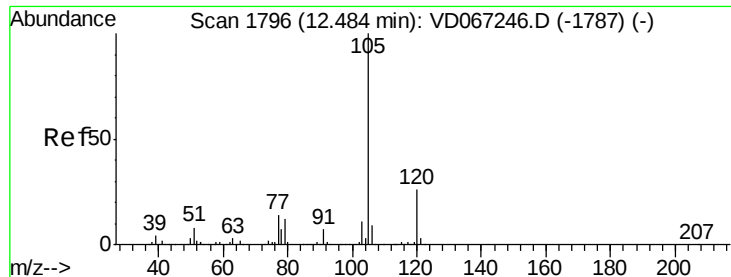


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.316 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

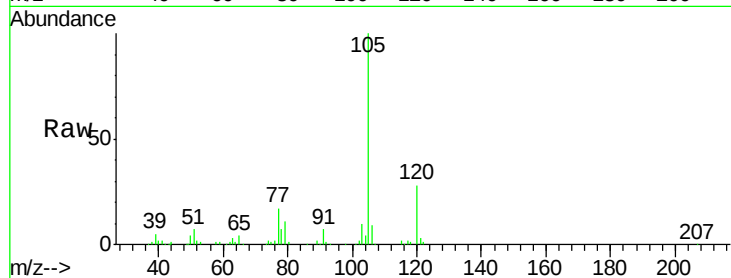
VSTDIC010

Tgt Ion: 105 Resp: 156116

Ion Ratio Lower Upper

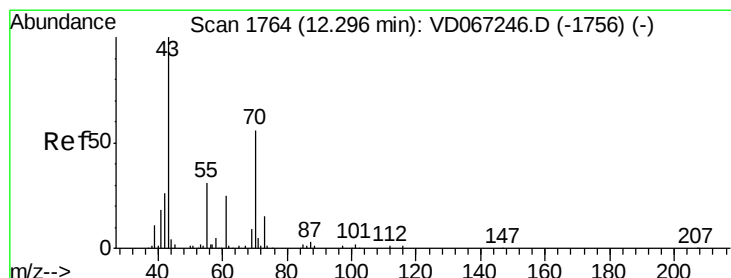
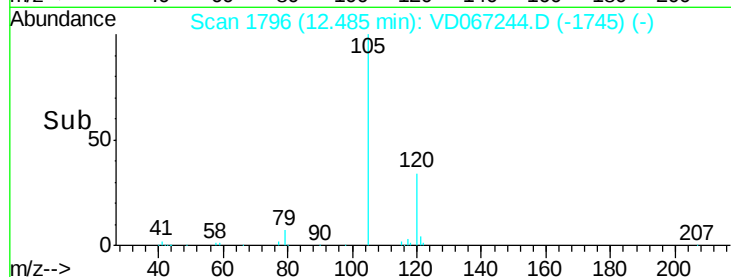
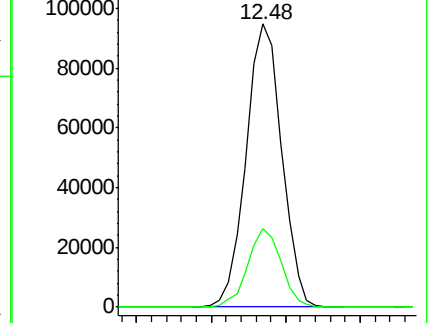
105 100

120 26.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 10.419 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Tgt Ion: 43 Resp: 23484

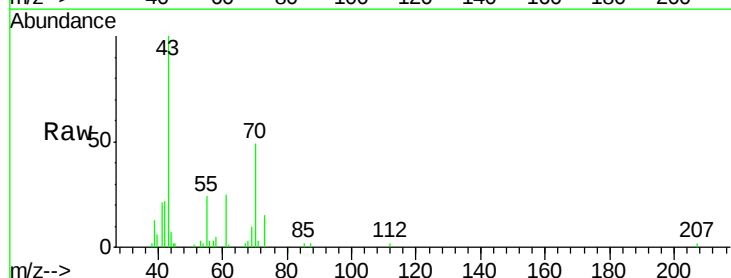
Ion Ratio Lower Upper

43 100

70 54.4 42.7 64.1

55 28.9 24.0 36.0

61 27.2 22.2 33.4

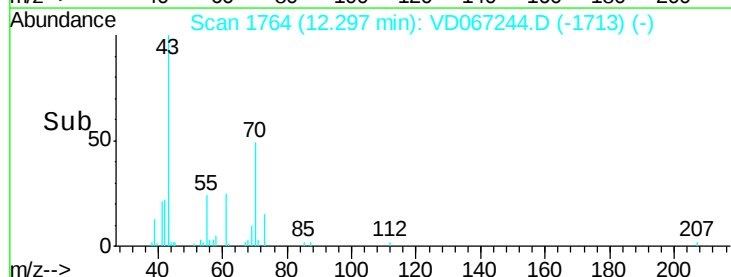
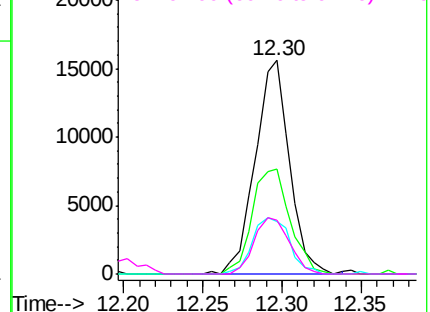


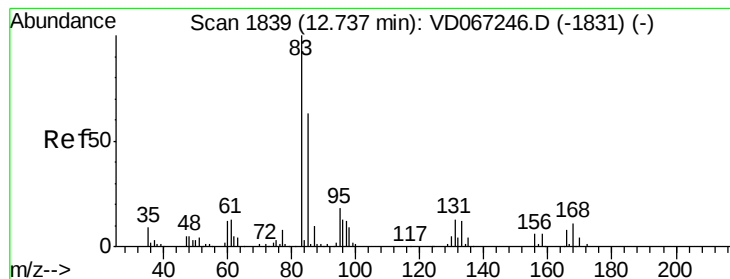
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 10.476 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

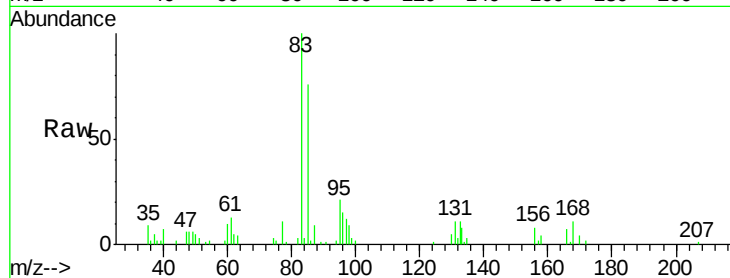
Tgt Ion: 83 Resp: 24783

Ion Ratio Lower Upper

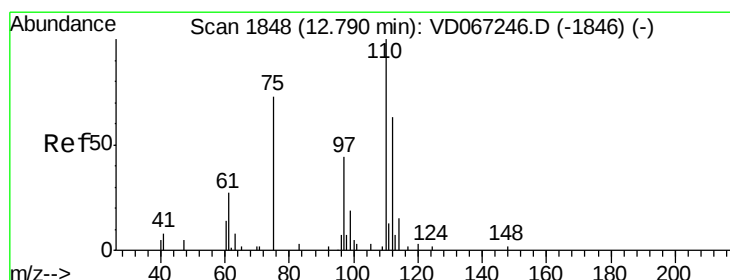
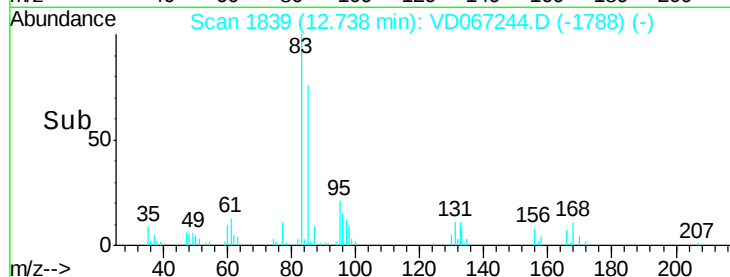
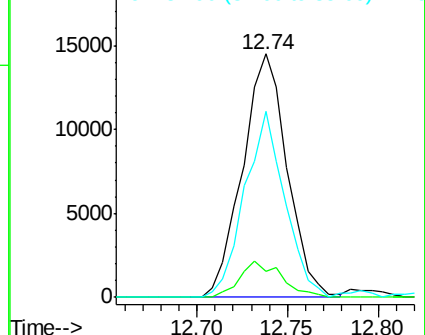
83 100

131 13.8 6.5 19.5

85 68.9 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: 19.429 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067244.D

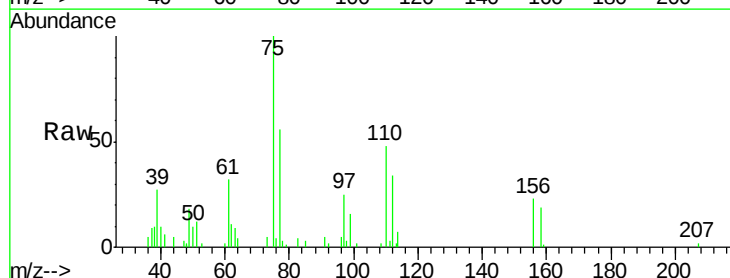
Acq: 13 Oct 2020 10:55

Tgt Ion: 75 Resp: 32884

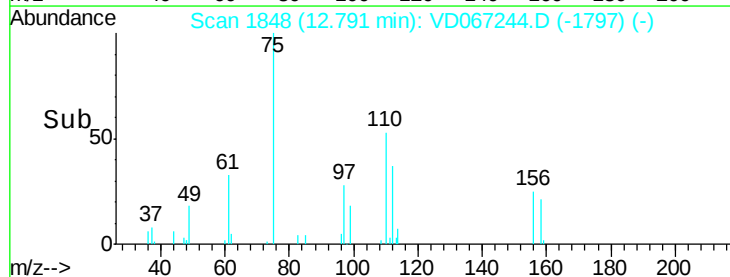
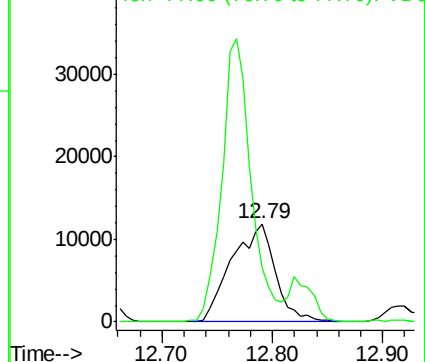
Ion Ratio Lower Upper

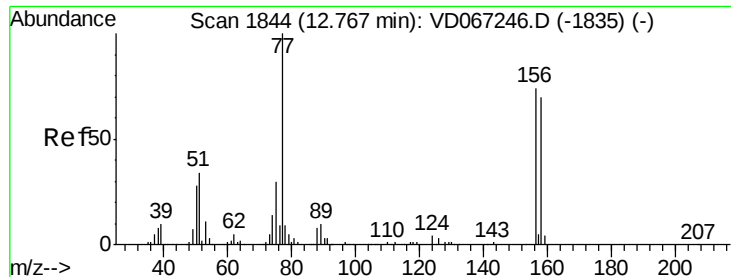
75 100

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: 10.219 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

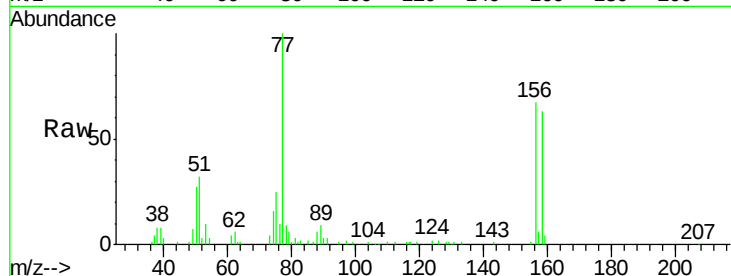
Tgt Ion:156 Resp: 39364

Ion Ratio Lower Upper

156 100

77 161.7 78.0 233.8

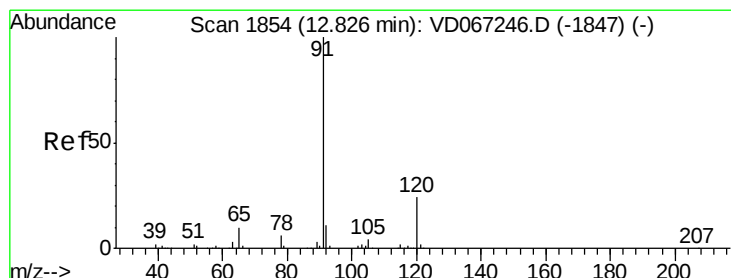
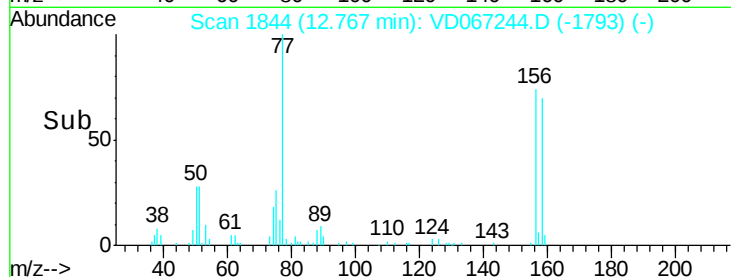
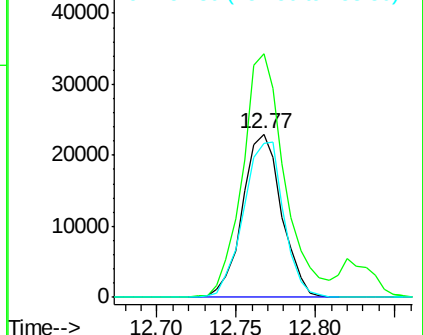
158 97.9 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.146 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067244.D

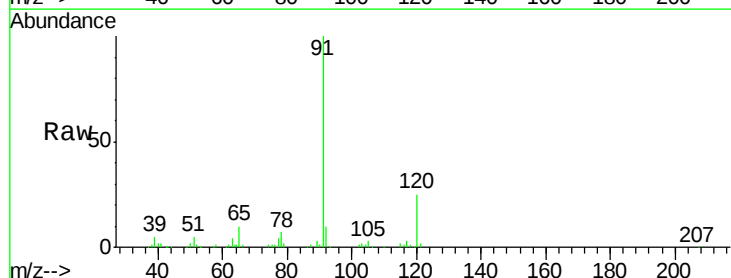
Acq: 13 Oct 2020 10:55

Tgt Ion: 91 Resp: 180572

Ion Ratio Lower Upper

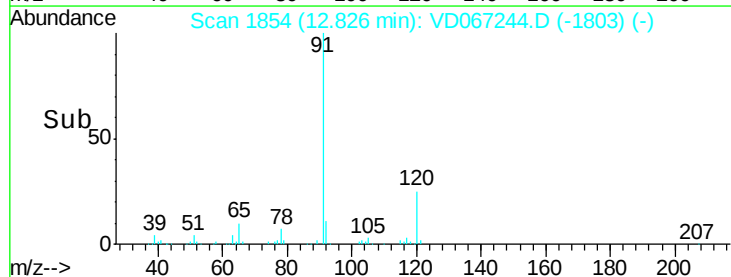
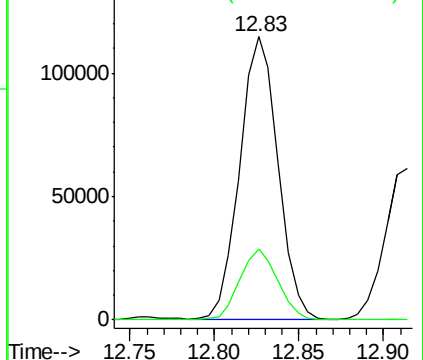
91 100

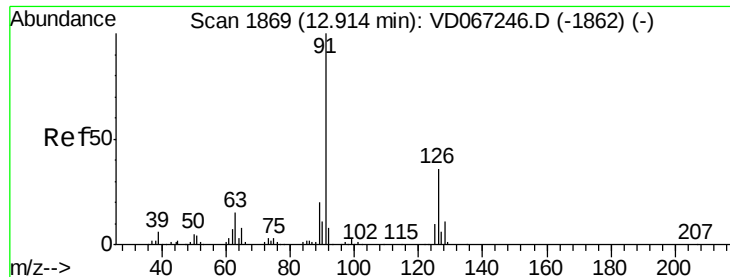
120 24.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.315 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

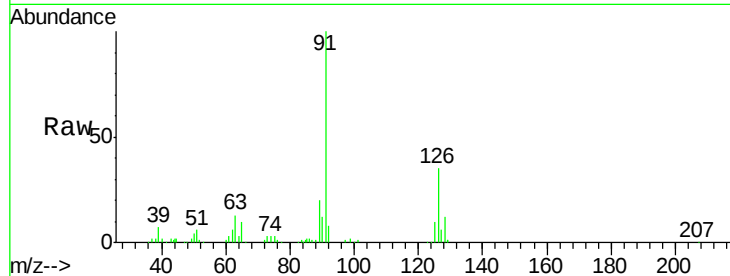
VSTDIC010

Tgt Ion: 91 Resp: 107016

Ion Ratio Lower Upper

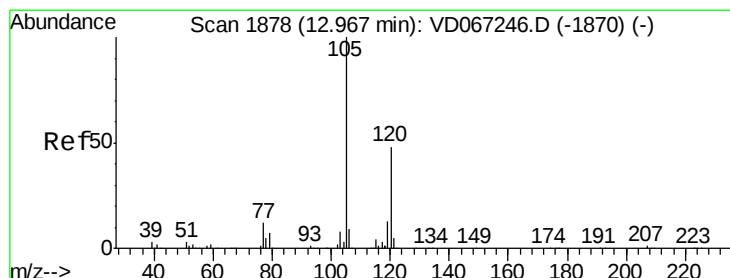
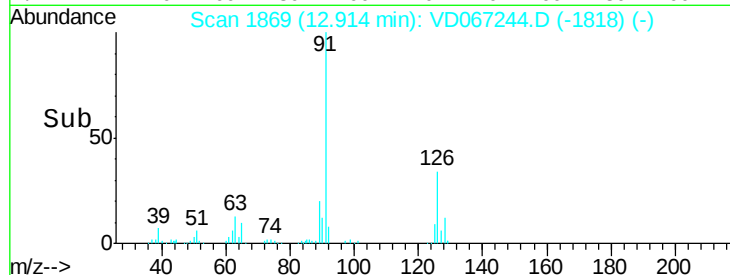
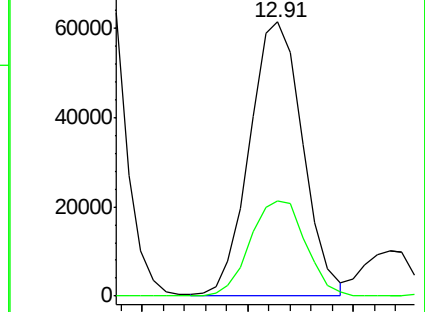
91 100

126 36.1 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VD067244.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD067244.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 10.124 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067244.D

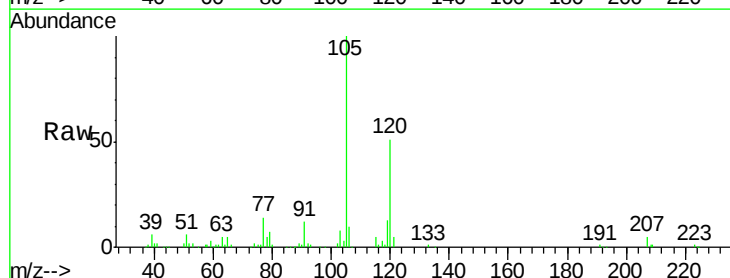
Acq: 13 Oct 2020 10:55

Tgt Ion: 105 Resp: 134807

Ion Ratio Lower Upper

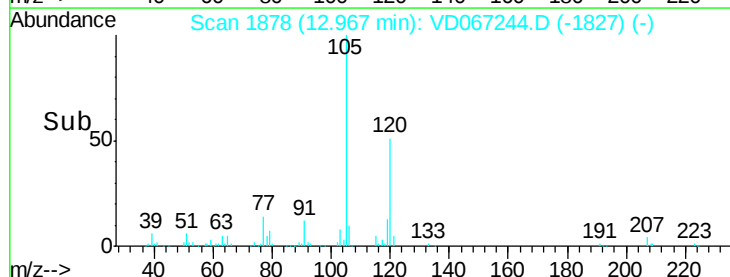
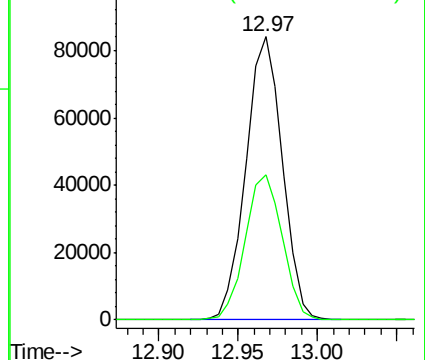
105 100

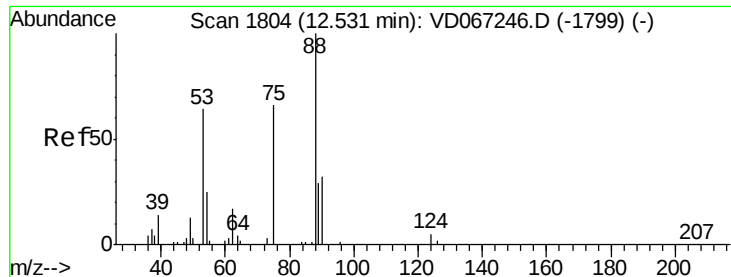
120 52.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067244.D (-1870) (-)

Ion 120.00 (119.70 to 120.70): VD067244.D (-1870) (-)

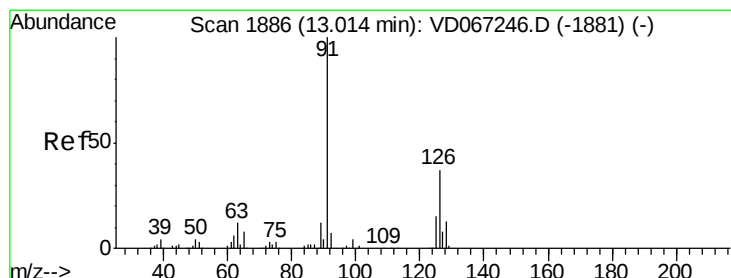
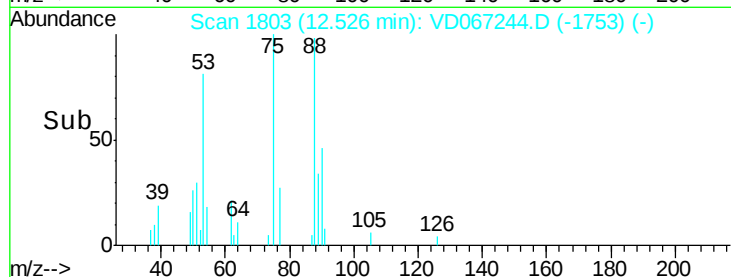
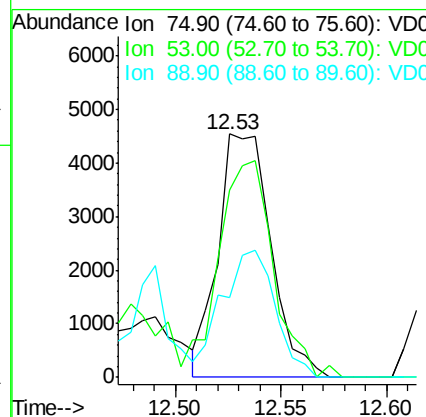
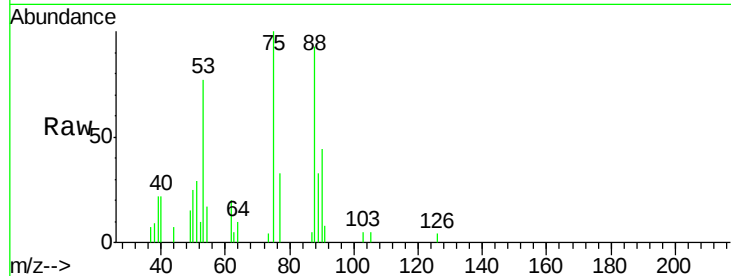




#81
trans-1,4-Dichloro-2-butene
Concen: 10.806 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

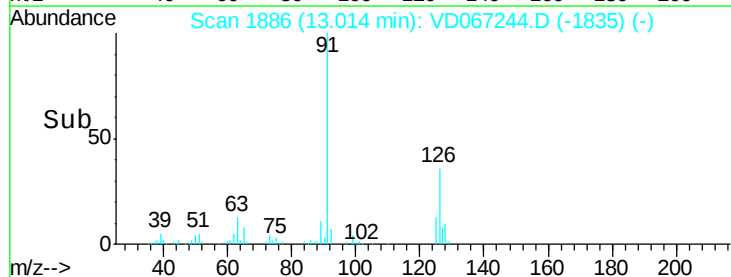
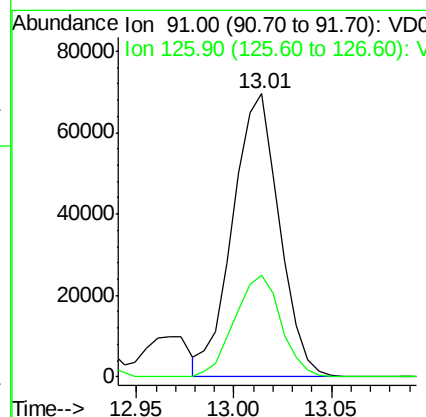
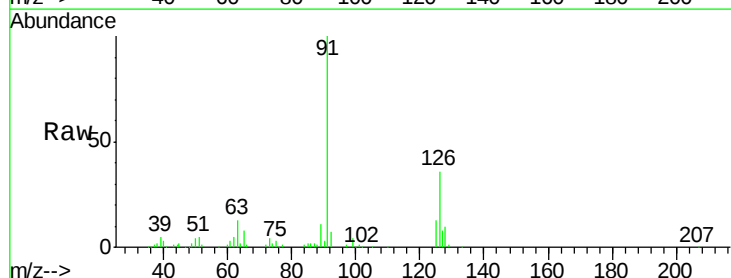
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

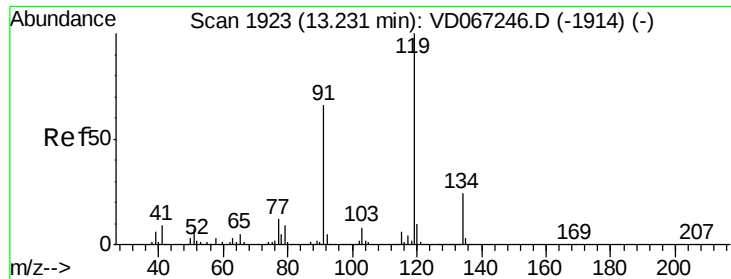
Tgt Ion: 75 Resp: 7875
Ion Ratio Lower Upper
75 100
53 92.4 78.5 117.7
89 52.7 39.9 59.9



#82
4-Chlorotoluene
Concen: 10.426 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 91 Resp: 115441
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.5

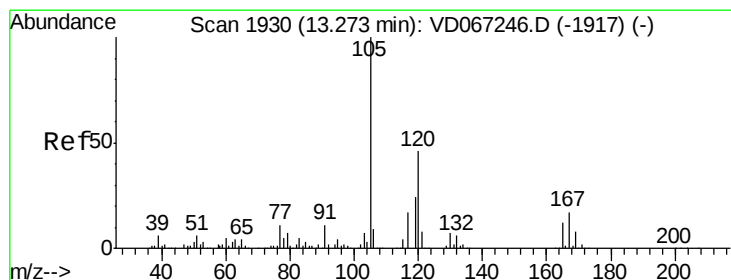
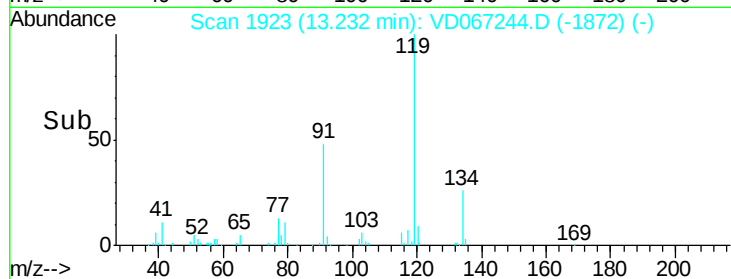
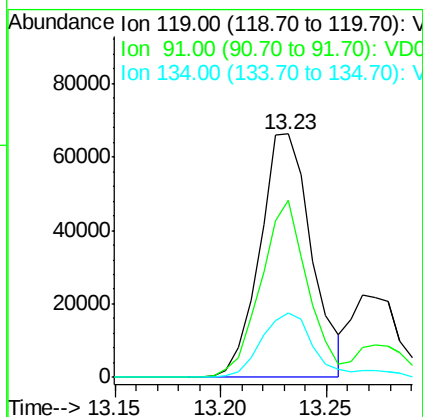
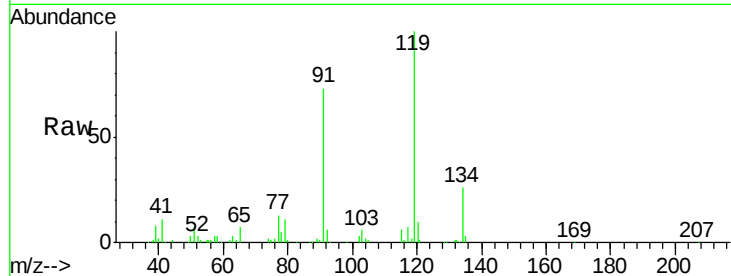




#83
 tert-Butylbenzene
 Concen: 10.175 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

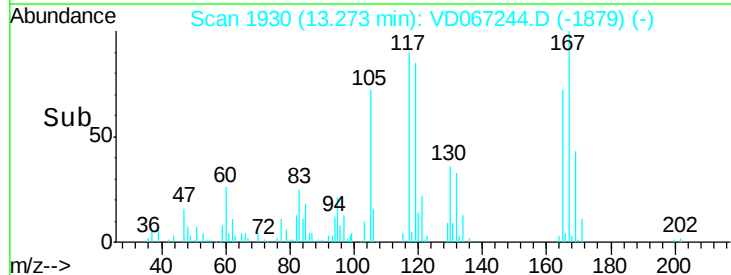
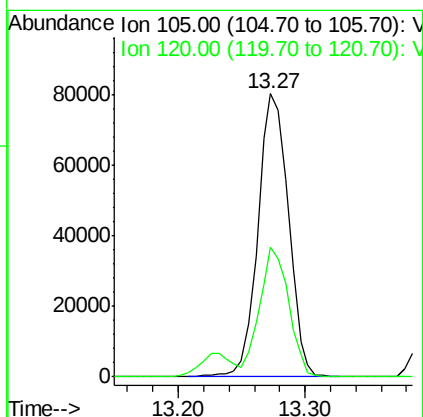
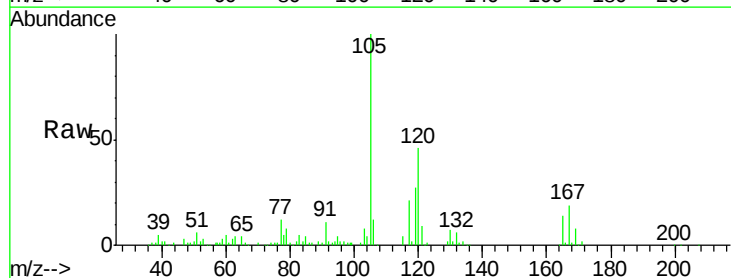
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

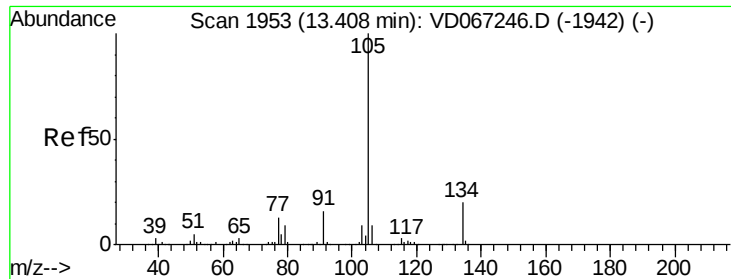
Tgt Ion:119 Resp: 113121
 Ion Ratio Lower Upper
 119 100
 91 65.6 33.1 99.2
 134 26.1 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 10.318 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion:105 Resp: 135192
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.4 67.3

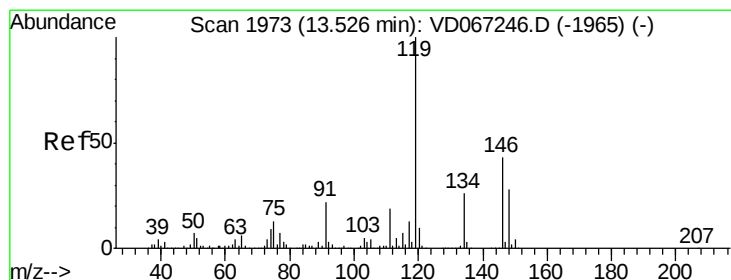
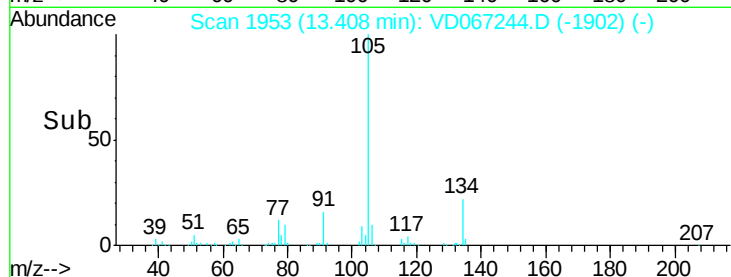
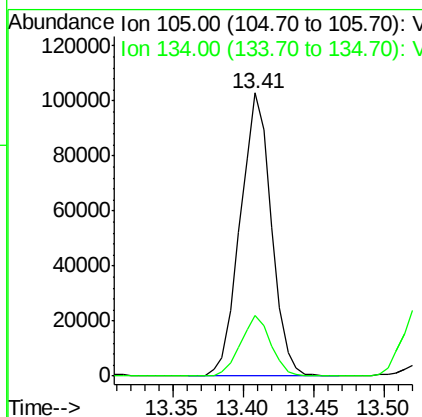
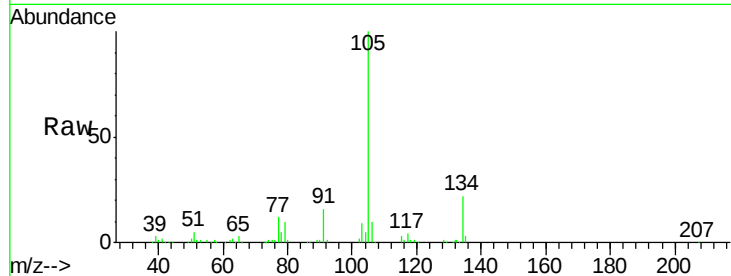




#85
 sec-Butylbenzene
 Concen: 10.290 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

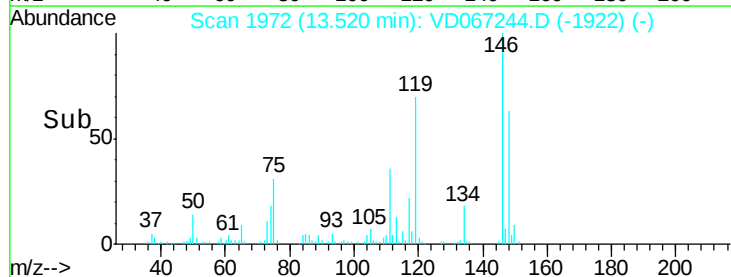
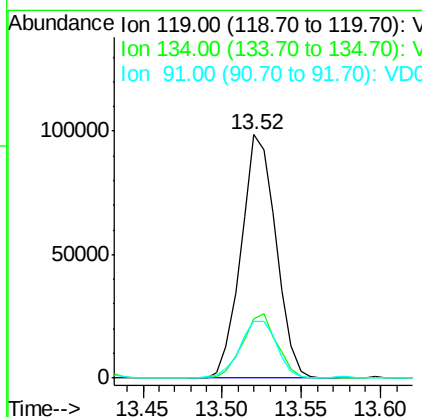
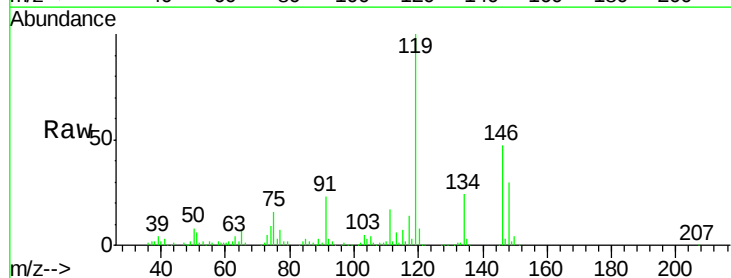
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

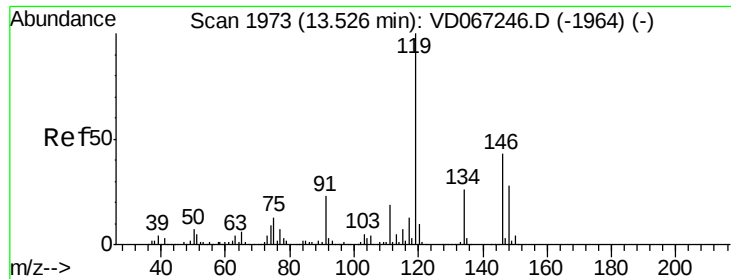
Tgt Ion:105 Resp: 158646
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 10.320 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion:119 Resp: 150382
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 25.0 11.9 35.9

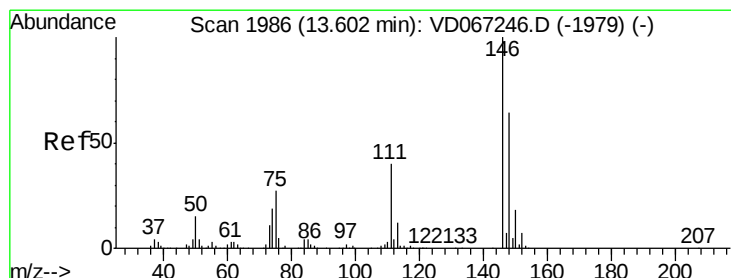
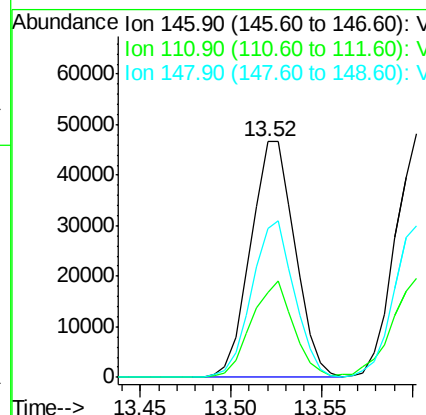
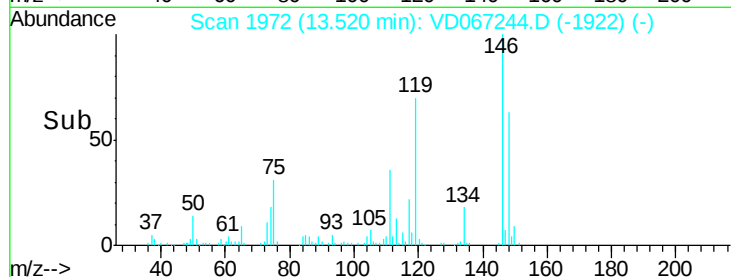
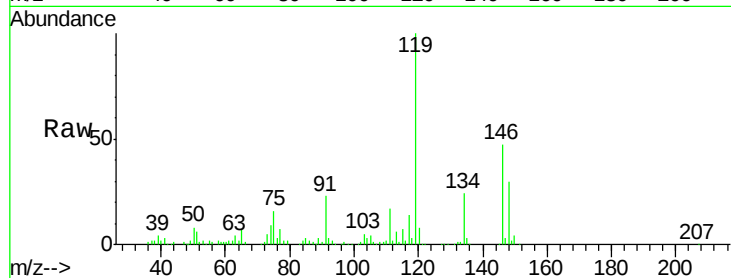




#87
 1,3-Dichlorobenzene
 Concen: 10.525 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

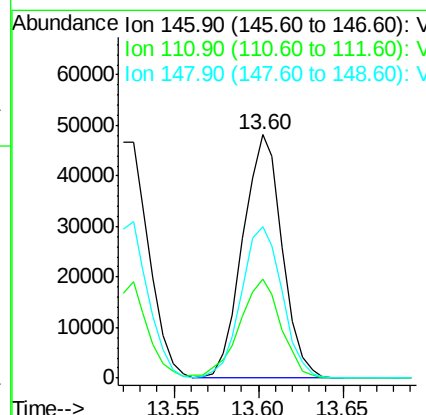
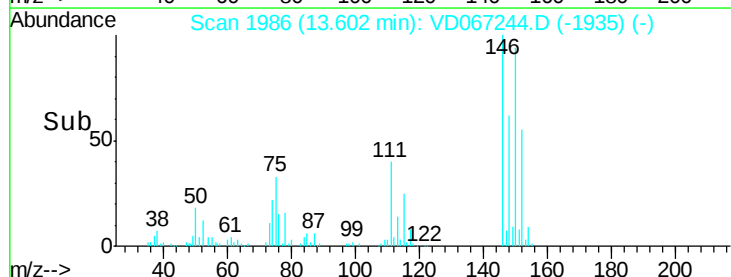
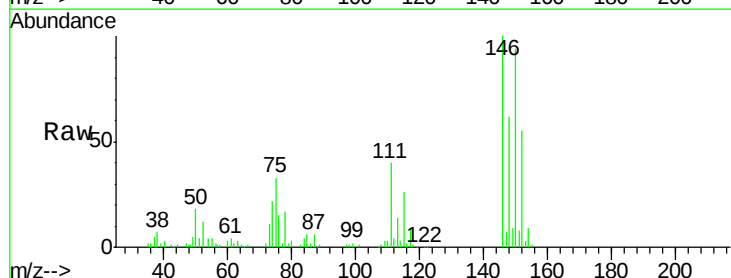
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

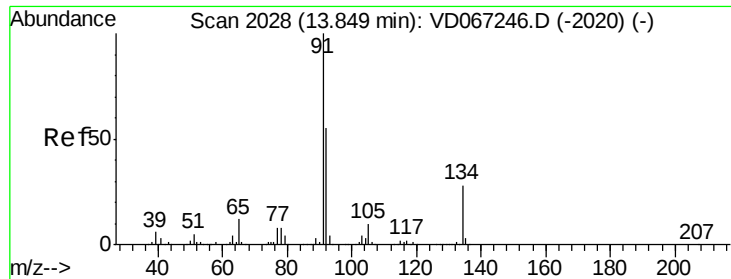
Tgt Ion:146 Resp: 79379
 Ion Ratio Lower Upper
 146 100
 111 39.0 21.1 63.3
 148 63.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 10.560 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion:146 Resp: 78105
 Ion Ratio Lower Upper
 146 100
 111 43.0 19.9 59.7
 148 64.8 31.9 95.9

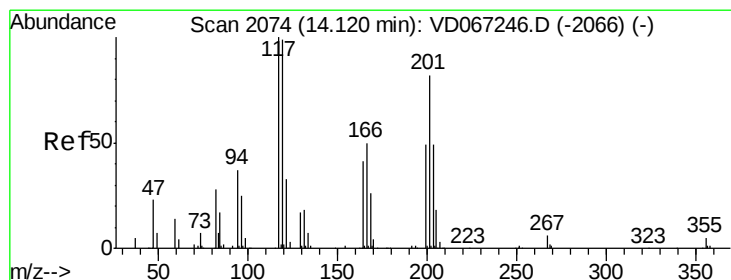
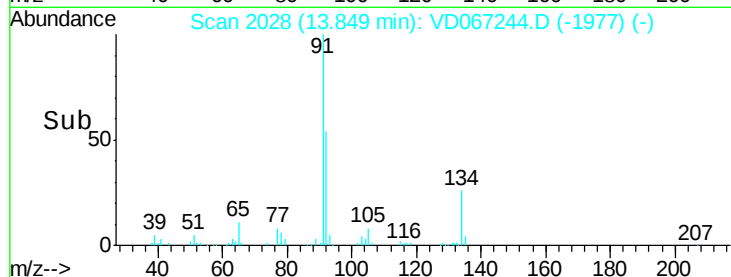
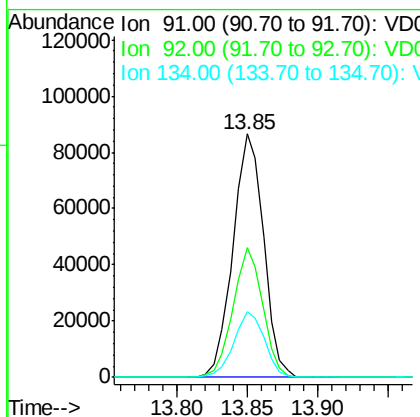
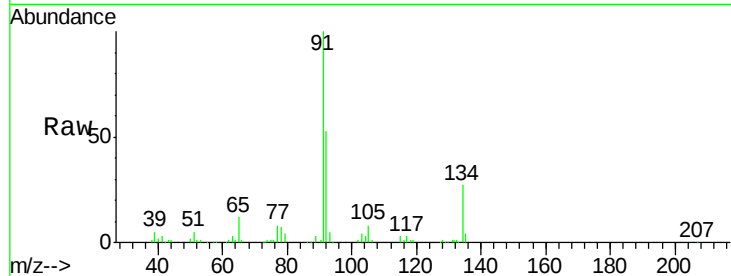




#89
n-Butylbenzene
Concen: 10.275 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

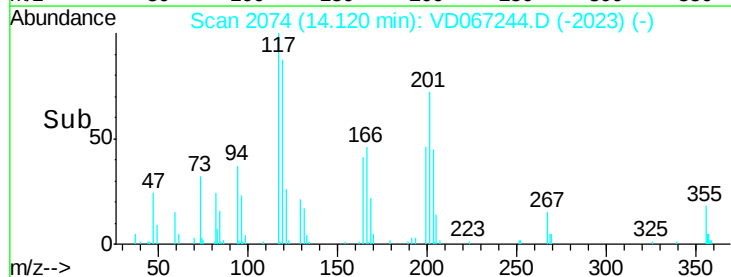
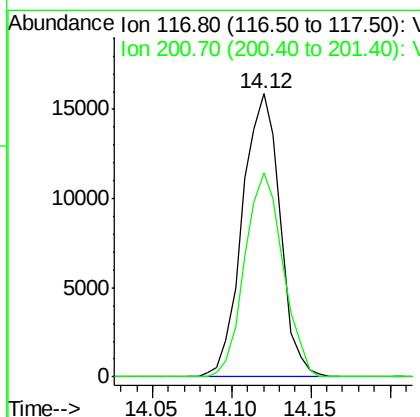
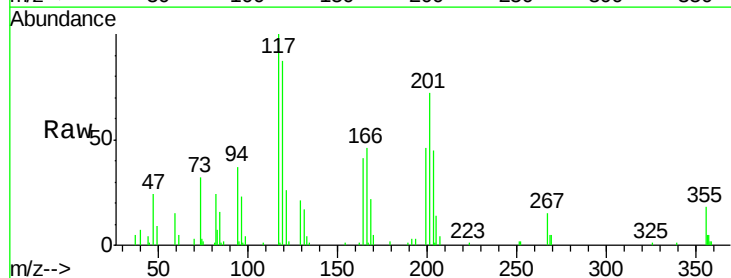
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

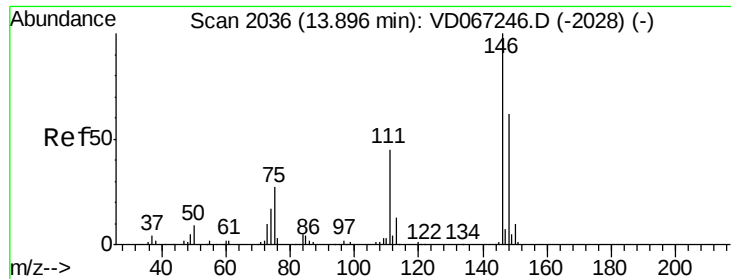
Tgt Ion: 91 Resp: 130640
Ion Ratio Lower Upper
91 100
92 51.5 26.7 80.0
134 27.0 14.2 42.6



#90
Hexachloroethane
Concen: 10.384 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 117 Resp: 26251
Ion Ratio Lower Upper
117 100
201 73.1 40.8 122.2

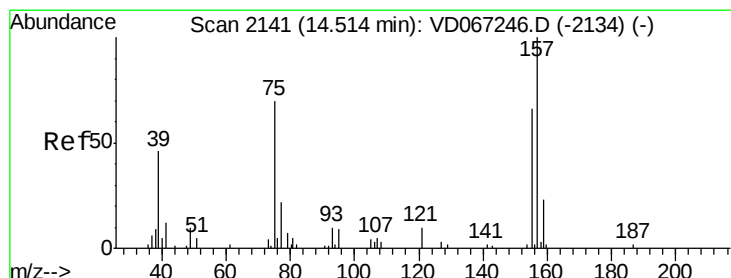
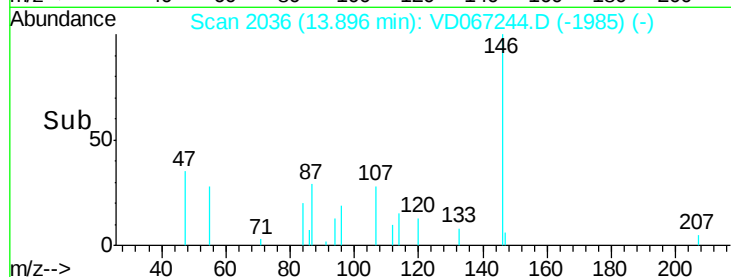
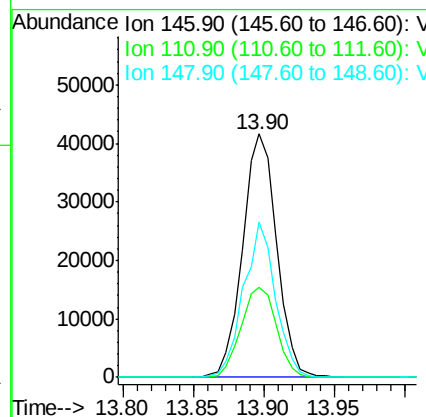
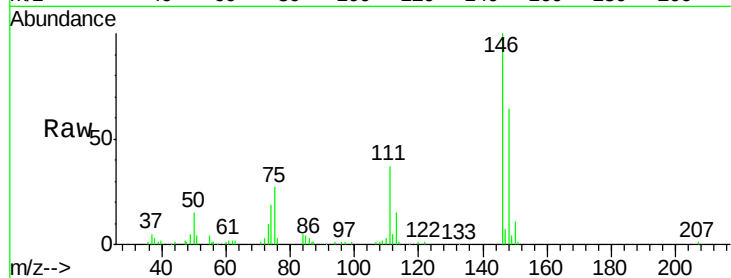




#91
 1,2-Dichlorobenzene
 Concen: 10.770 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

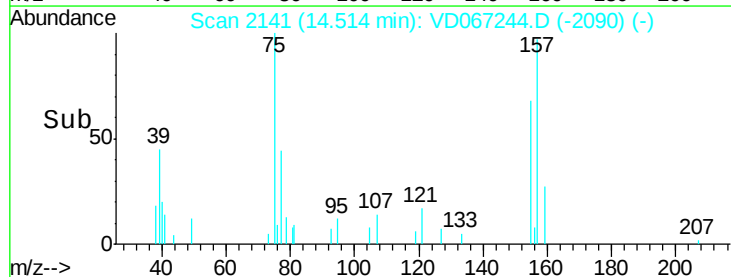
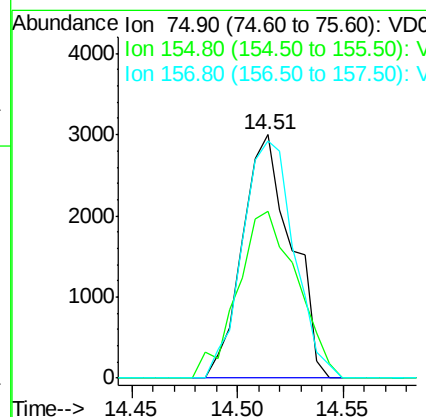
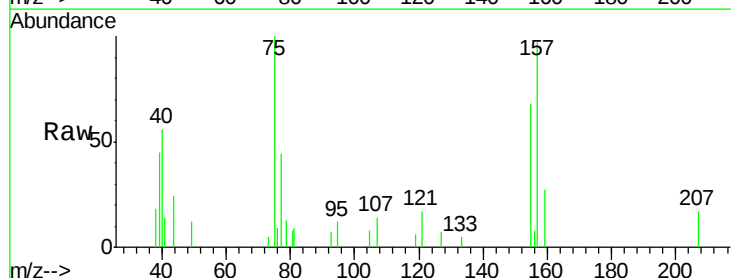
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

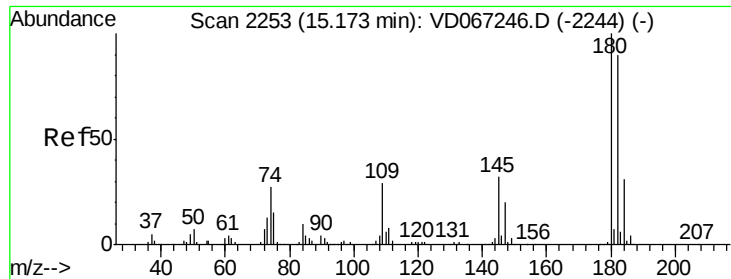
Tgt Ion: 146 Resp: 70268
 Ion Ratio Lower Upper
 146 100
 111 38.5 22.0 66.0
 148 59.6 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 11.334 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion: 75 Resp: 4830
 Ion Ratio Lower Upper
 75 100
 155 83.1 44.8 134.4
 157 103.6 62.5 187.4

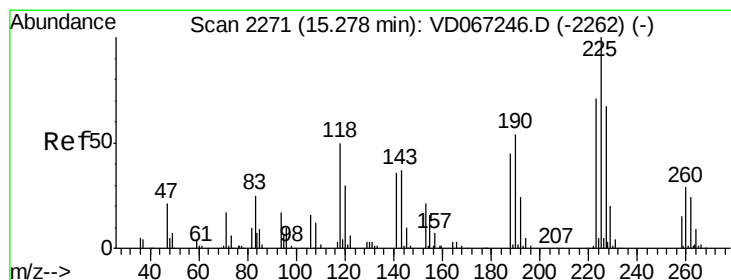
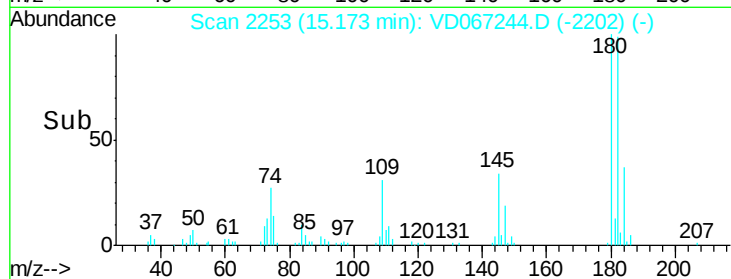
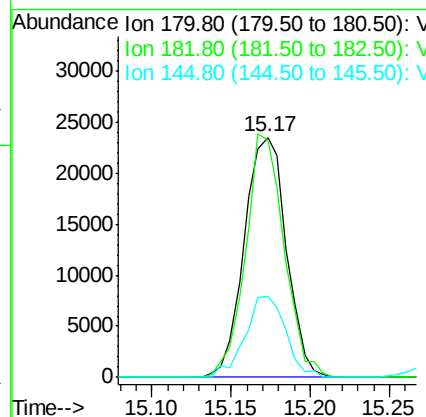
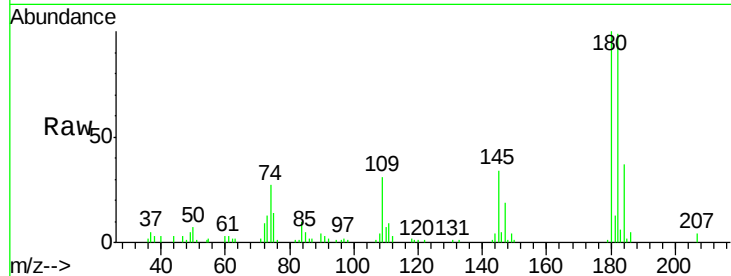




#93
 1,2,4-Trichlorobenzene
 Concen: 10.178 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

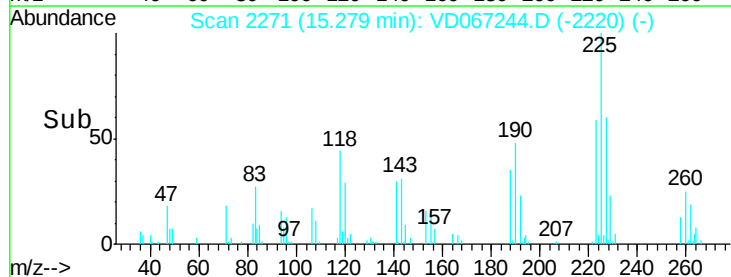
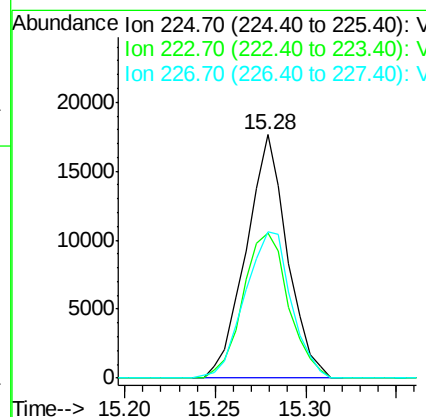
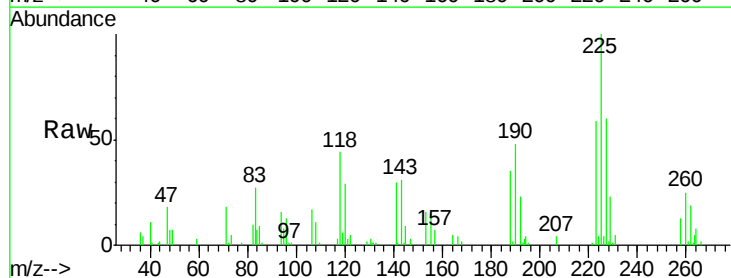
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

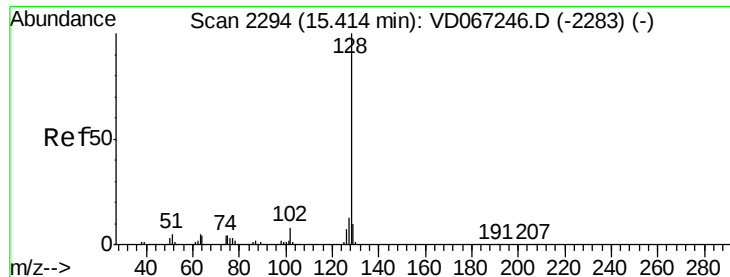
Tgt Ion:180 Resp: 43208
 Ion Ratio Lower Upper
 180 100
 182 93.4 48.1 144.4
 145 32.6 16.3 48.9



#94
 Hexachlorobutadiene
 Concen: 10.455 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion:225 Resp: 27857
 Ion Ratio Lower Upper
 225 100
 223 65.9 31.9 95.7
 227 67.5 31.2 93.6

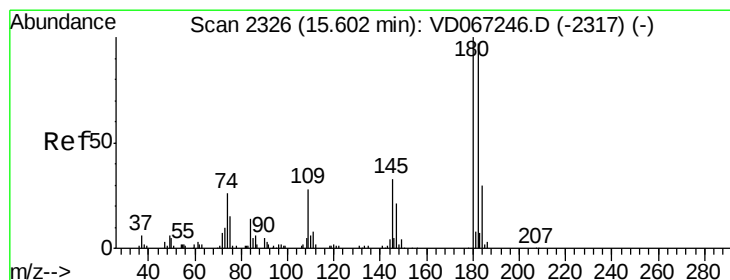
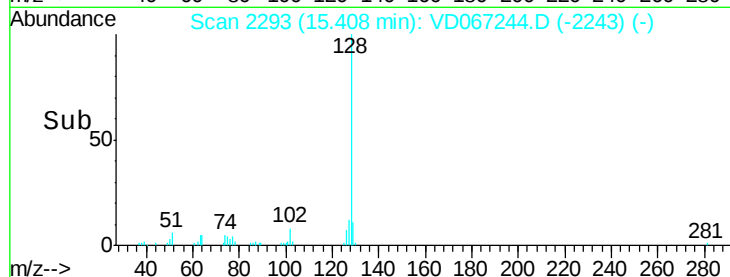
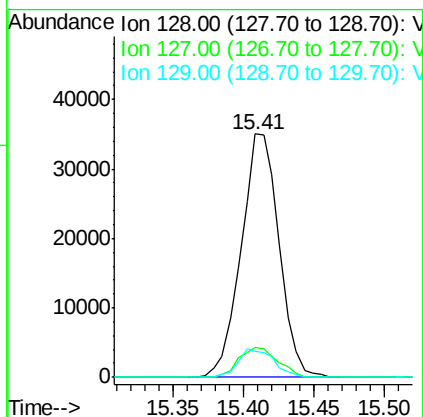
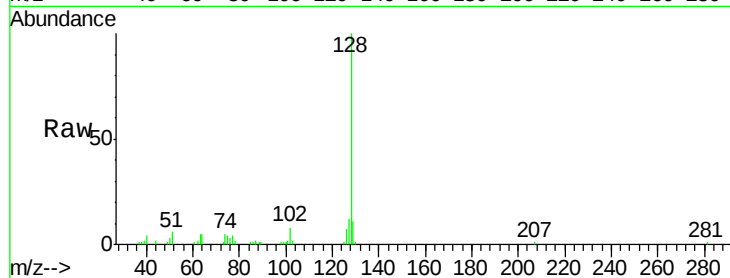




#95
Naphthalene
Concen: 9.888 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 65884
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 10.089 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion:180 Resp: 36779
Ion Ratio Lower Upper
180 100
182 99.7 48.1 144.3
145 35.8 17.3 51.9

