

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101320\
 Data File : VD067259.D
 Acq On : 13 Oct 2020 18:25
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.01ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 14 02:13:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 13 13:05:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	339011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	516533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	479625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	238793	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	163282	48.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.16%	
35) Dibromofluoromethane	7.92	113	167553	48.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.48%	
50) Toluene-d8	10.34	98	618053	49.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.64	95	217039	50.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	132416	48.532	ug/l	94
3) Chloromethane	2.20	50	96824	45.381	ug/l	96
4) Vinyl Chloride	2.35	62	108138	46.194	ug/l	96
5) Bromomethane	2.77	94	84921	52.235	ug/l	95
6) Chloroethane	2.93	64	68818	47.203	ug/l	91
7) Trichlorofluoromethane	3.27	101	266063	45.135	ug/l	98
8) Diethyl Ether	3.71	74	62950	46.668	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	144878	46.259	ug/l	98
10) Methyl Iodide	4.30	142	143194	49.565	ug/l	99
11) Tert butyl alcohol	5.22	59	38513	210.990	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	131065	46.844	ug/l	93
13) Acrolein	3.92	56	49412	243.994	ug/l	98
14) Allyl chloride	4.71	41	152093	47.468	ug/l	98
15) Acrylonitrile	5.43	53	109496	243.279	ug/l	99
16) Acetone	4.16	43	99484	209.148	ug/l	90
17) Carbon Disulfide	4.41	76	366552	45.955	ug/l	97
18) Methyl Acetate	4.71	43	47699	43.965	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	272971	49.065	ug/l	96
20) Methylene Chloride	4.97	84	149491	48.972	ug/l #	87
21) trans-1,2-Dichloroethene	5.47	96	152374	47.324	ug/l	99
22) Diisopropyl ether	6.37	45	291100	49.734	ug/l	92
23) Vinyl Acetate	6.31	43	864182	259.514	ug/l	99
24) 1,1-Dichloroethane	6.27	63	238281	47.557	ug/l	98
25) 2-Butanone	7.21	43	125352	231.188	ug/l #	88
26) 2,2-Dichloropropane	7.21	77	232665	45.052	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	170968	48.449	ug/l	99
28) Bromochloromethane	7.55	49	86149	50.409	ug/l #	99
29) Tetrahydrofuran	7.56	42	74053	245.695	ug/l	96
30) Chloroform	7.71	83	290957	48.611	ug/l	90
31) Cyclohexane	7.98	56	174231	44.539	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	277099	47.184	ug/l	97
36) 1,1-Dichloropropene	8.11	75	206184	47.096	ug/l	98
37) Ethyl Acetate	7.30	43	62272	48.345	ug/l #	84
38) Carbon Tetrachloride	8.10	117	264652	47.298	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	219787	48.022	ug/l	98
40) Benzene	8.35	78	578811	48.192	ug/l	99
41) Methacrylonitrile	7.53	41	34300	49.278	ug/l #	85
42) 1,2-Dichloroethane	8.43	62	177996	47.356	ug/l	99
43) Isopropyl Acetate	8.46	43	123935	48.490	ug/l	99
44) Trichloroethene	9.11	130	187312	48.710	ug/l	99
45) 1,2-Dichloropropane	9.39	63	131411	47.210	ug/l	99
46) Dibromomethane	9.48	93	81794	47.163	ug/l	99
47) Bromodichloromethane	9.67	83	223439	48.088	ug/l	98
48) Methyl methacrylate	9.46	41	57365	46.185	ug/l	98
49) 1,4-Dioxane	9.46	88	16647	991.637	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	307291	241.052	ug/l	100
52) Toluene	10.41	92	402137	49.159	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	199797	48.949	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	232553	48.683	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	113045	47.801	ug/l	99
56) Ethyl methacrylate	10.67	69	123434	50.326	ug/l	99
57) 1,3-Dichloropropane	10.95	76	182996	48.623	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	317682	252.485	ug/l	100
59) 2-Hexanone	10.99	43	214891	246.688	ug/l	98
60) Dibromochloromethane	11.14	129	162308	47.061	ug/l	96
61) 1,2-Dibromoethane	11.25	107	110710	47.485	ug/l	97
64) Tetrachloroethene	10.88	164	159689	45.953	ug/l	97
65) Chlorobenzene	11.67	112	445125	48.397	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	179459	49.094	ug/l	100
67) Ethyl Benzene	11.75	91	778966	49.408	ug/l	100
68) m/p-Xylenes	11.86	106	611603	100.738	ug/l	96
69) o-Xylene	12.18	106	276036	49.099	ug/l	96
70) Styrene	12.20	104	473672	48.944	ug/l	97
71) Bromoform	12.37	173	93594	47.660	ug/l #	100
73) Isopropylbenzene	12.48	105	776019	51.204	ug/l	100
74) N-amyl acetate	12.29	43	114927	50.209	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	111356	47.954	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	149514	90.337	ug/l #	100
77) Bromobenzene	12.77	156	185971	49.220	ug/l	99
78) n-propylbenzene	12.83	91	888013	50.572	ug/l	100
79) 2-Chlorotoluene	12.91	91	505321	49.624	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	670599	50.919	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	35275	48.332	ug/l	97
82) 4-Chlorotoluene	13.01	91	535255	49.525	ug/l	99
83) tert-Butylbenzene	13.23	119	571886	51.406	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	662367	50.886	ug/l	100
85) sec-Butylbenzene	13.41	105	758867	49.713	ug/l	100
86) p-Isopropyltoluene	13.52	119	725624	50.362	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	354477	48.742	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	351812	48.827	ug/l	99
89) n-Butylbenzene	13.85	91	635016	50.098	ug/l	100
90) Hexachloroethane	14.12	117	121951	48.503	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	314645	49.525	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18936	44.886	ug/l	98

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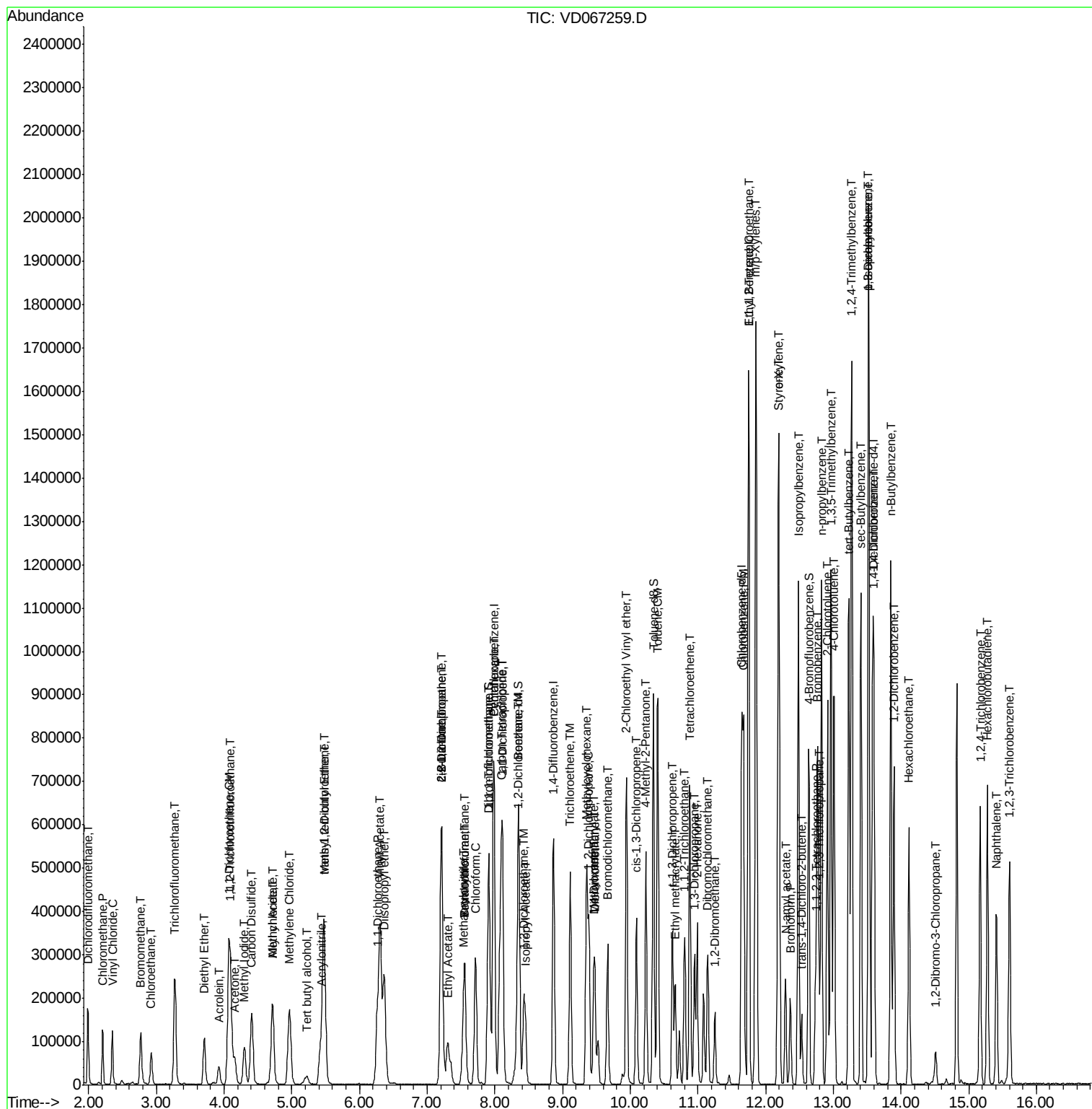
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	217201	50.706	ug/l	97
94) Hexachlorobutadiene	15.28	225	132302	49.738	ug/l	99
95) Naphthalene	15.41	128	359118	51.064	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	185227	50.054	ug/l	100

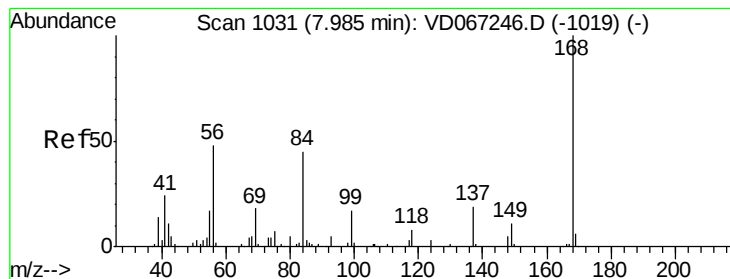
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

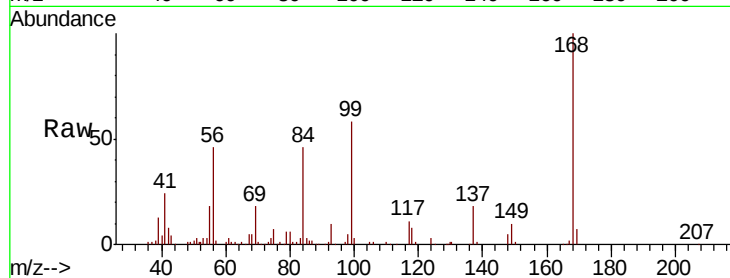
VSTDCCC050EC

Tot Ion:168 Resp: 339011

Ion Ratio Lower Upper

168 100

99 57.3 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

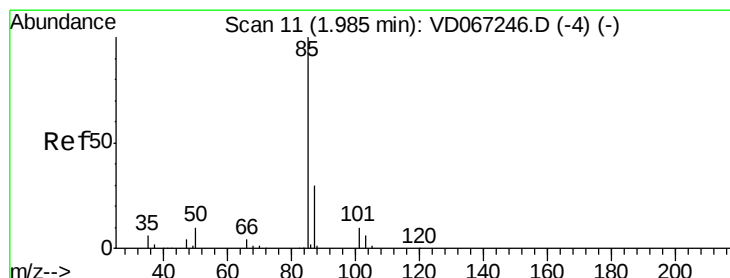
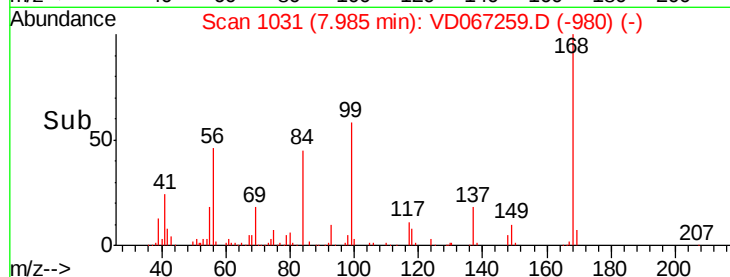
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 48.532 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067259.D

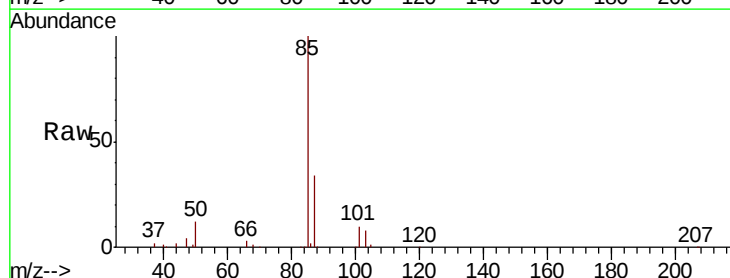
Acq: 13 Oct 2020 18:25

Tgt Ion: 85 Resp: 132416

Ion Ratio Lower Upper

85 100

87 33.5 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

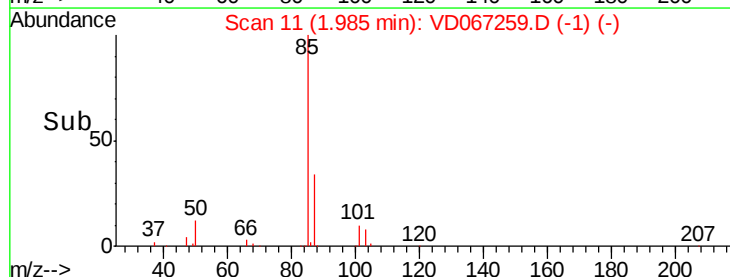
40000

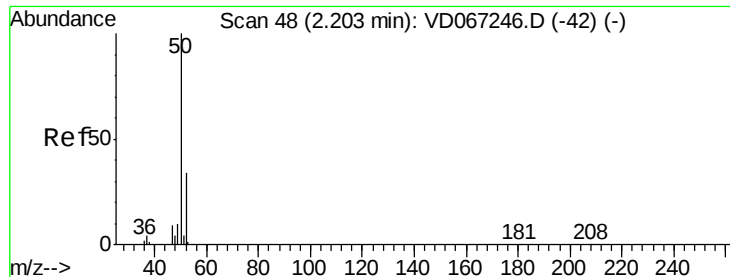
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 45.381 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

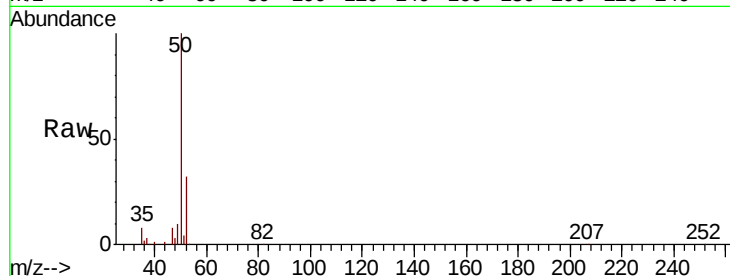
VSTDCCC050EC

Tot Ion: 50 Resp: 96824

Ion Ratio Lower Upper

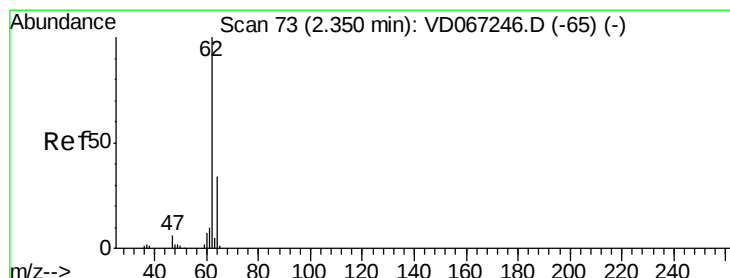
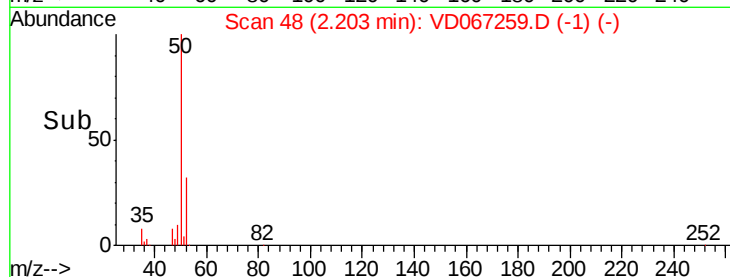
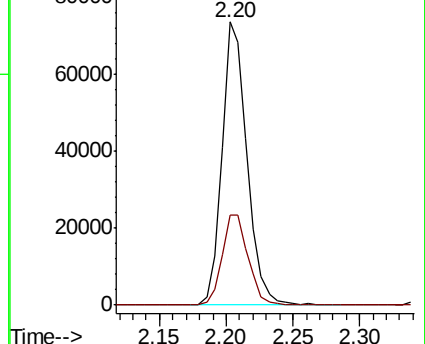
50 100

52 31.7 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 46.194 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067259.D

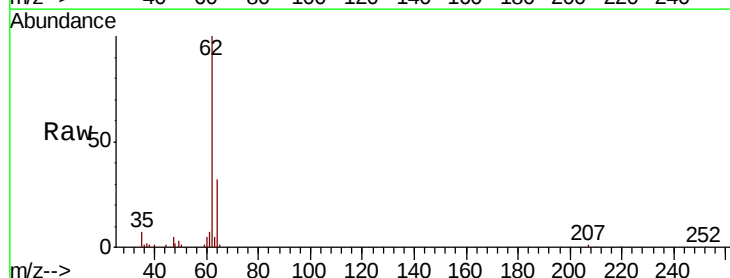
Acq: 13 Oct 2020 18:25

Tgt Ion: 62 Resp: 108138

Ion Ratio Lower Upper

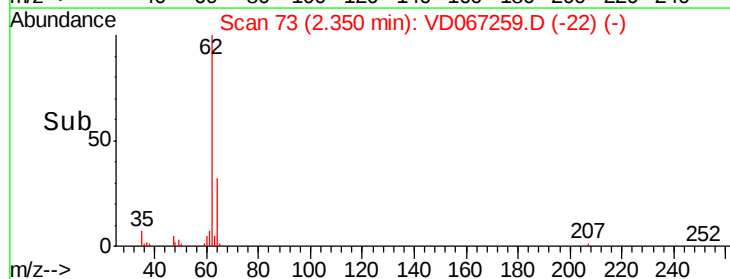
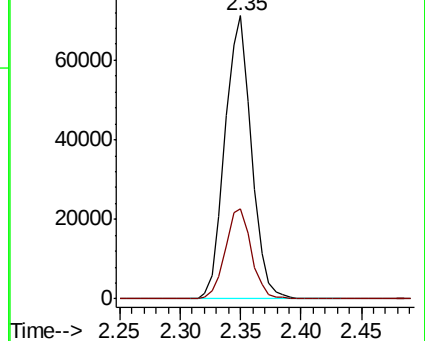
62 100

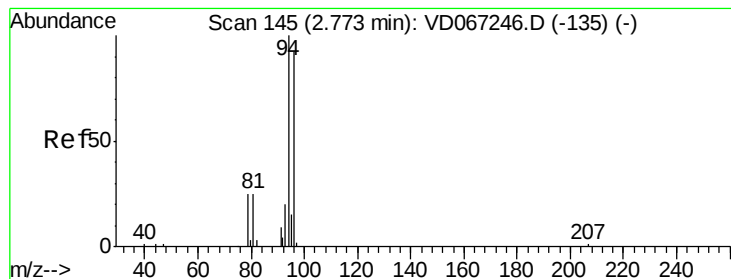
64 31.9 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 52.235 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

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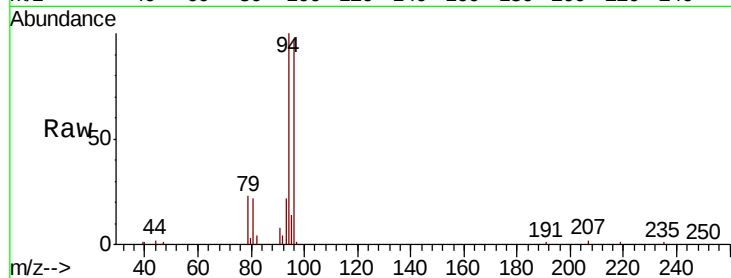
VSTDCCC050EC

Tot Ion: 94 Resp: 84921

Ion Ratio Lower Upper

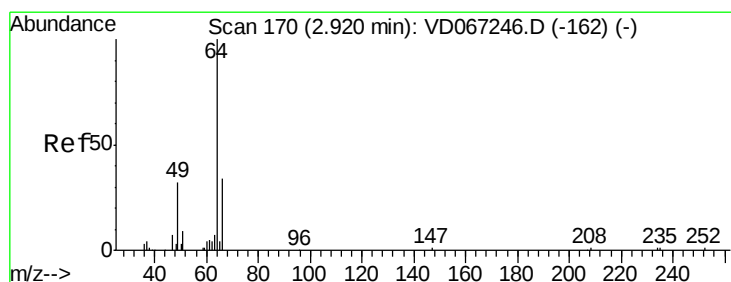
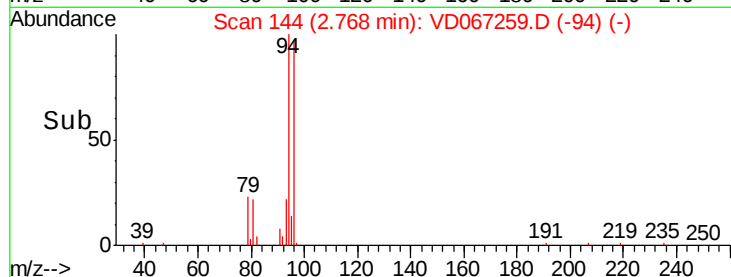
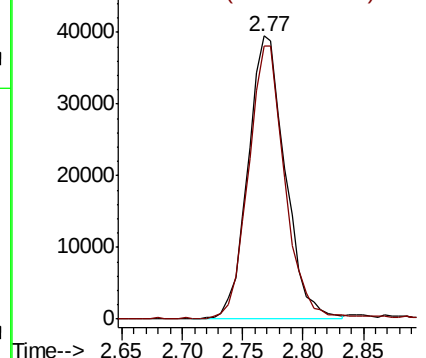
94 100

96 96.7 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: 47.203 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067259.D

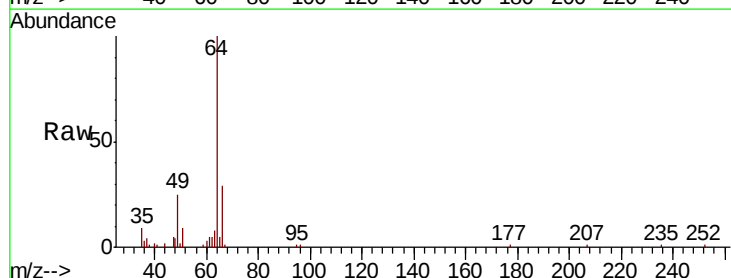
Acq: 13 Oct 2020 18:25

Tgt Ion: 64 Resp: 68818

Ion Ratio Lower Upper

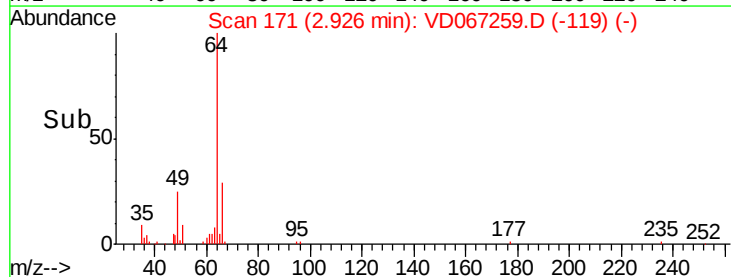
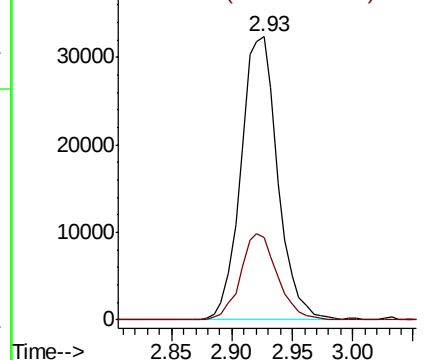
64 100

66 29.1 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



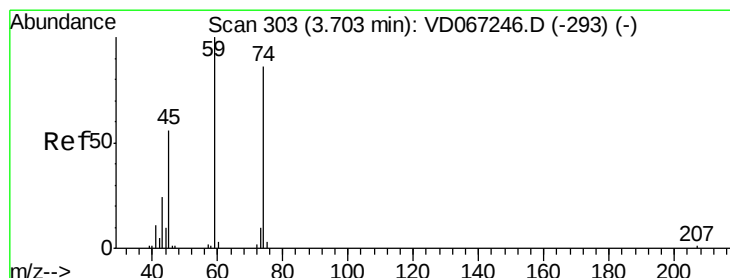
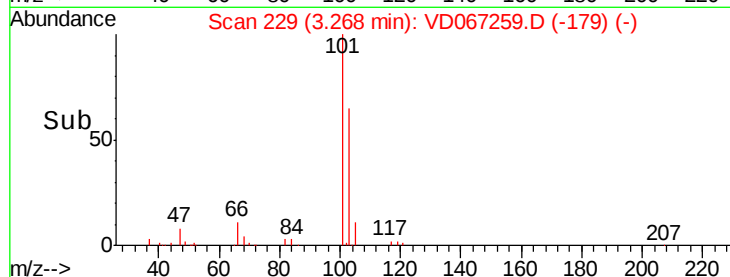
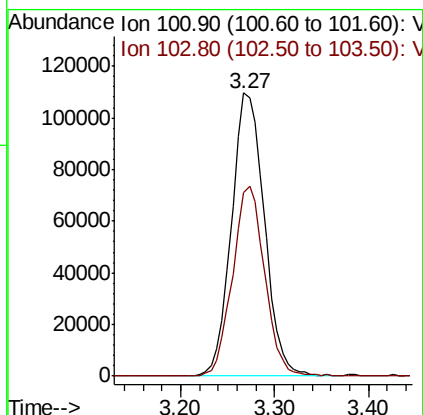
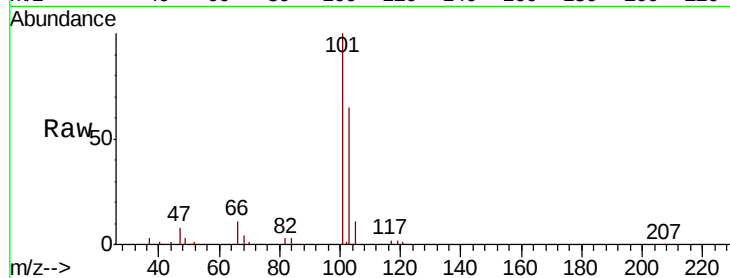


#7

Trichlorofluoromethane
 Concen: 45.135 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

Instrument :
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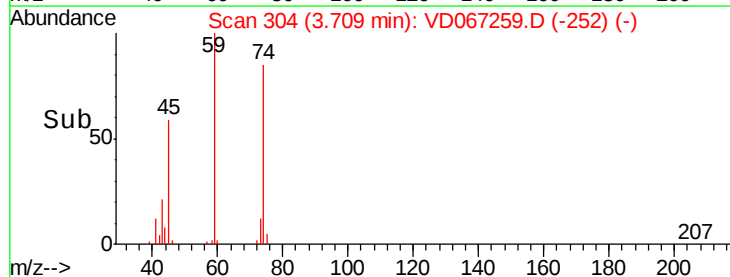
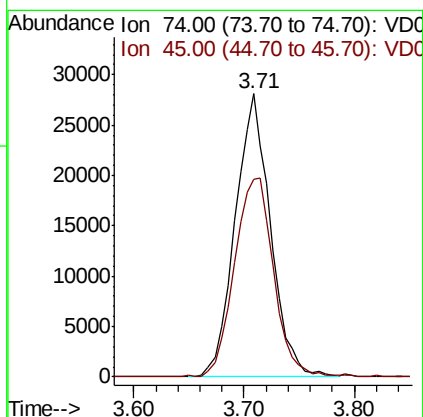
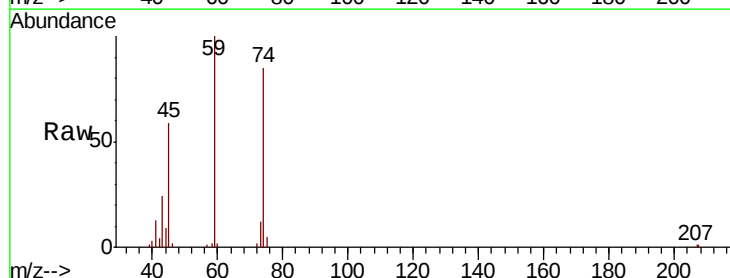
Tot Ion:101 Resp: 266063
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.1 79.7

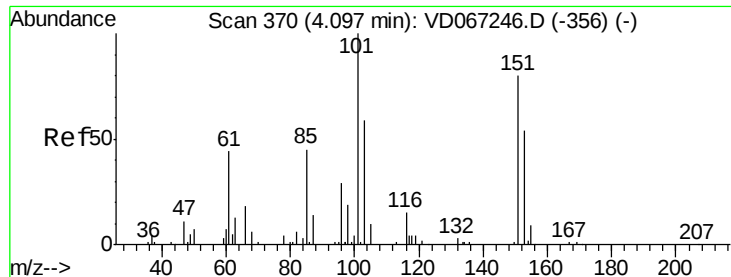


#8

Diethyl Ether
 Concen: 46.668 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

Tgt Ion: 74 Resp: 62950
 Ion Ratio Lower Upper
 74 100
 45 78.4 37.0 111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.259 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

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VSTDCCC050EC

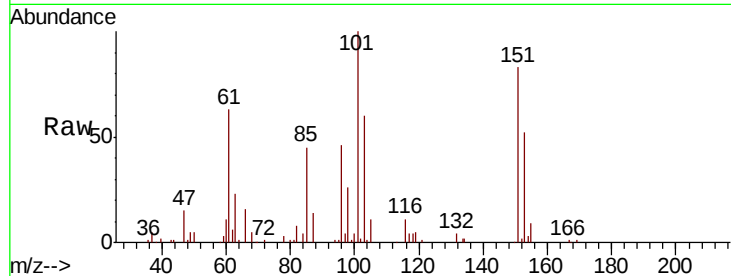
Tot Ion:101 Resp: 144878

Ion Ratio Lower Upper

101 100

85 43.5 34.2 51.4

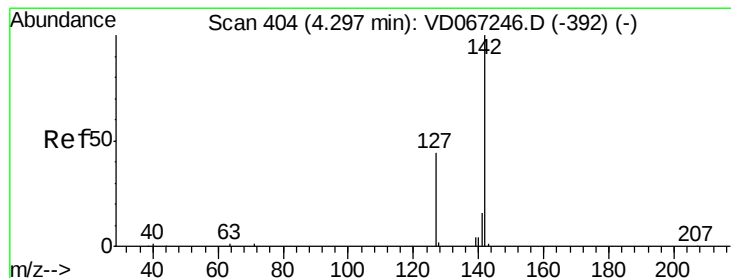
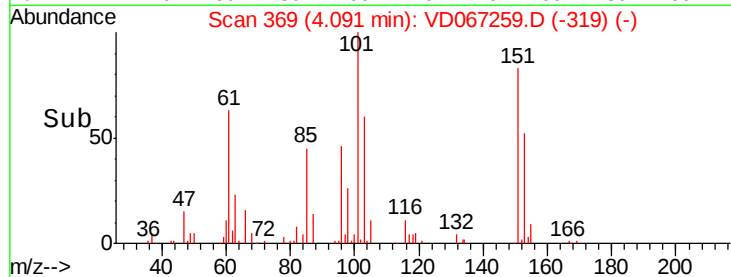
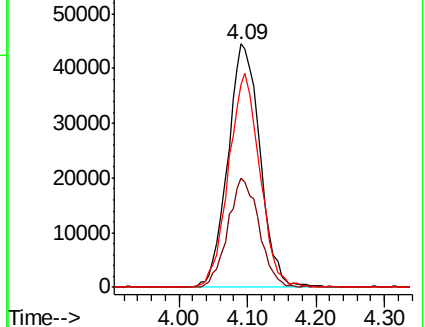
151 85.2 66.3 99.5



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: 49.565 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

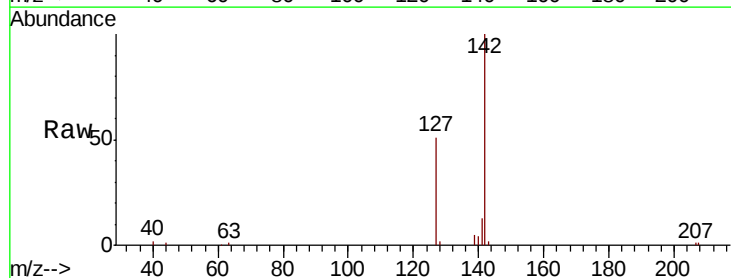
Tgt Ion:142 Resp: 143194

Ion Ratio Lower Upper

142 100

127 48.4 38.4 57.6

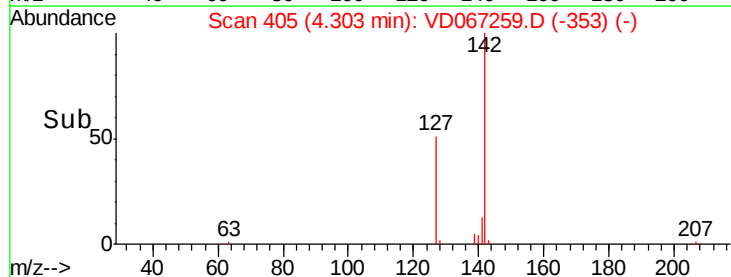
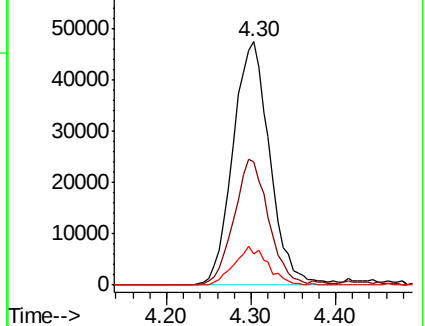
141 14.6 11.6 17.4

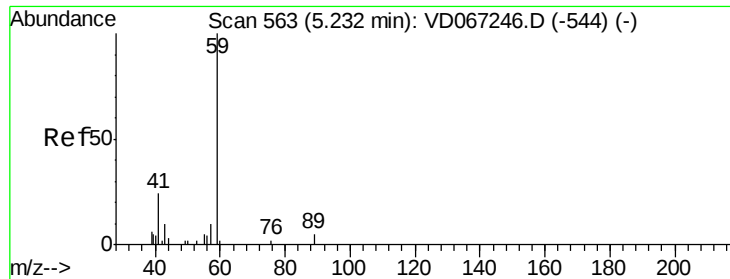


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



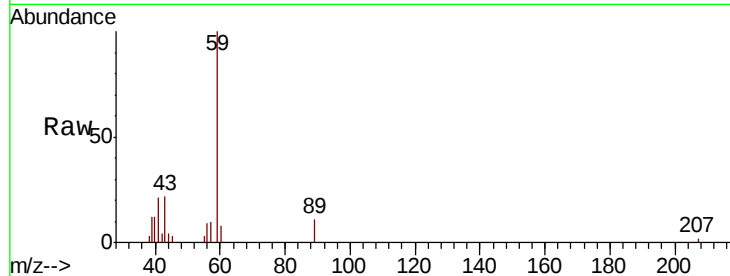


#11

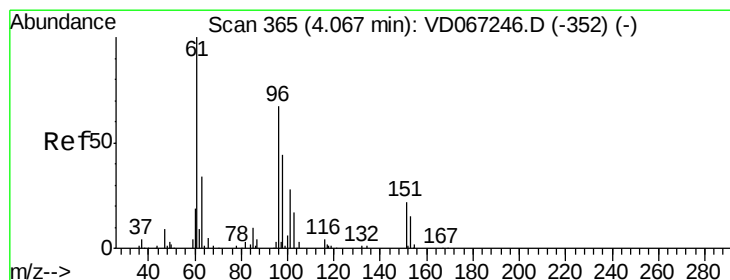
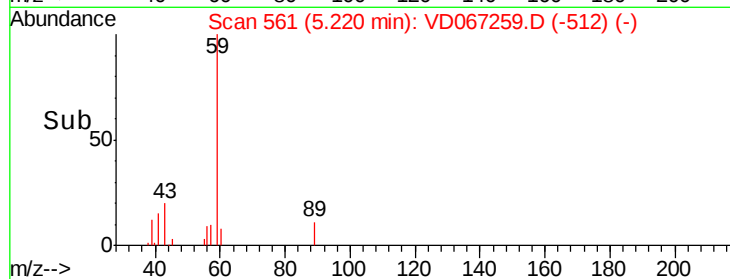
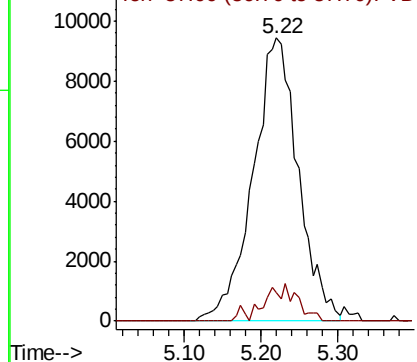
Tert butyl alcohol
Concen: 210.990 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 38513
Ion Ratio Lower Upper
59 100
57 4.6 5.1 7.7#



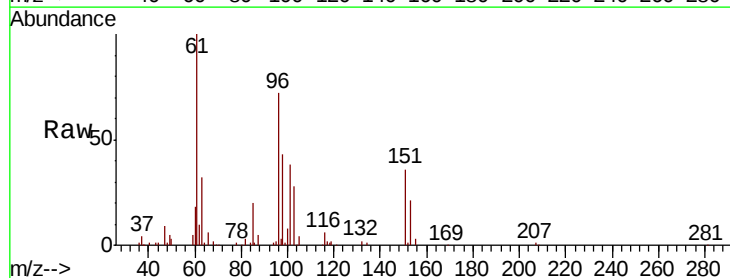
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



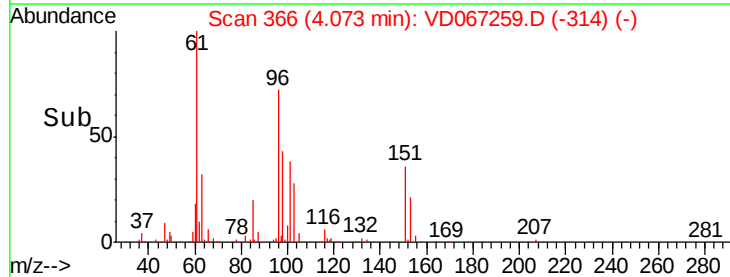
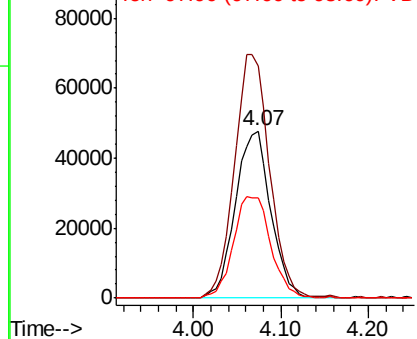
#12

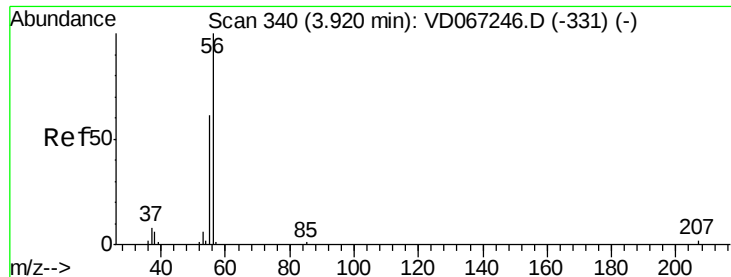
1,1-Dichloroethene
Concen: 46.844 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

Tgt Ion: 96 Resp: 131065
Ion Ratio Lower Upper
96 100
61 138.7 118.6 177.8
98 59.8 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: 243.994 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

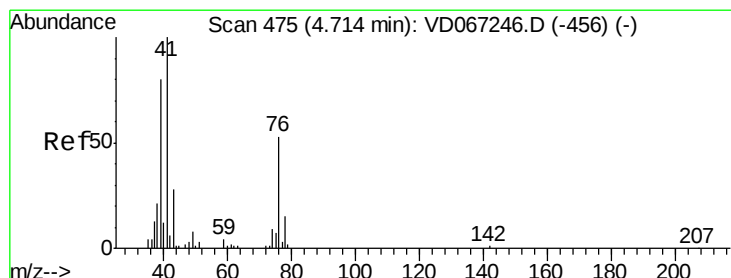
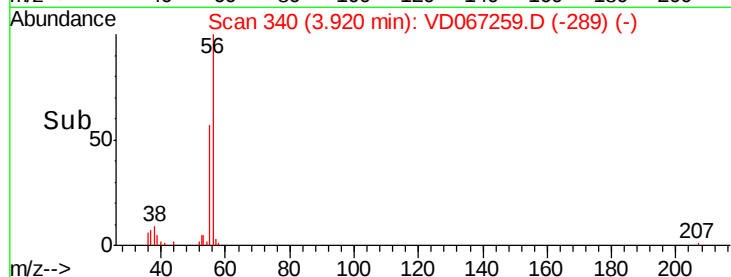
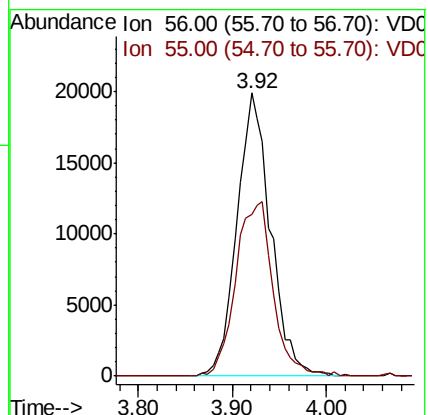
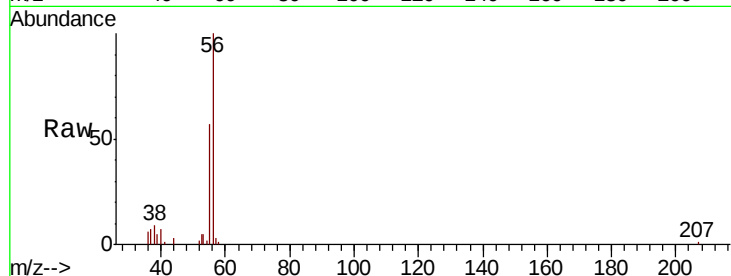
VSTDCCC050EC

Tot Ion: 56 Resp: 49412

Ion Ratio Lower Upper

56 100

55 68.2 56.0 84.0



#14

Allyl chloride

Concen: 47.468 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

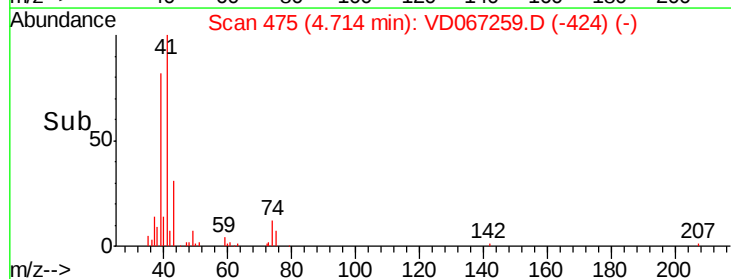
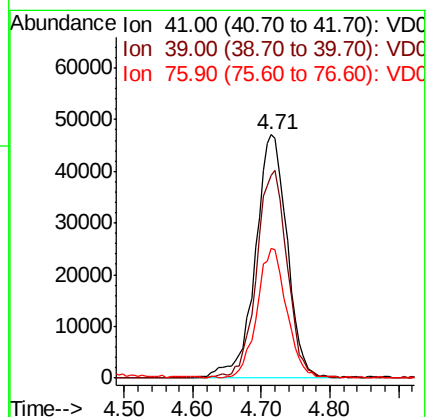
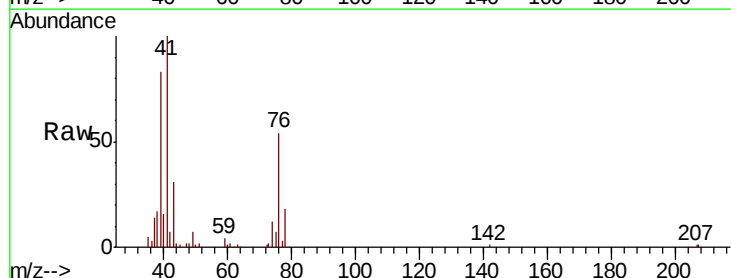
Tgt Ion: 41 Resp: 152093

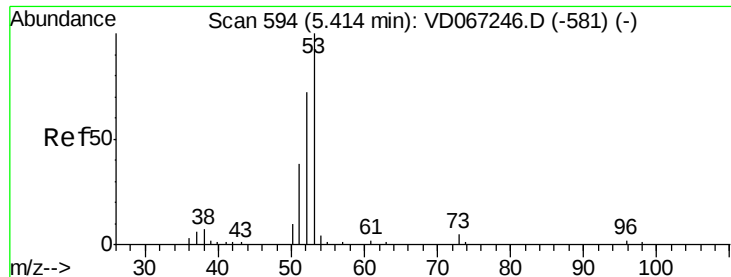
Ion Ratio Lower Upper

41 100

39 82.3 63.8 95.6

76 49.9 40.4 60.6





#15

Acrylonitrile

Concen: 243.279 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

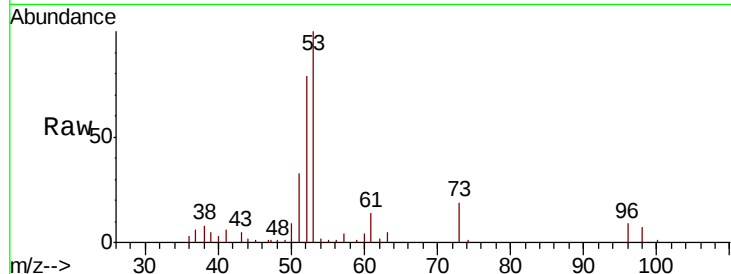
Tot Ion: 53 Resp: 109496

Ion Ratio Lower Upper

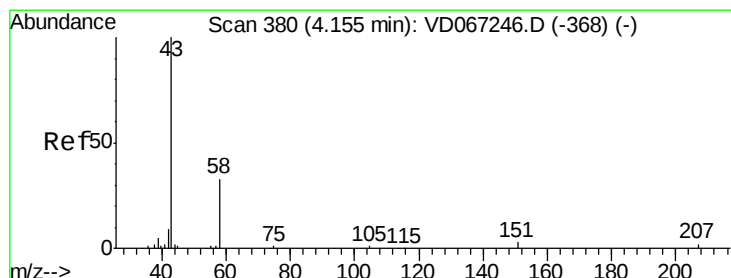
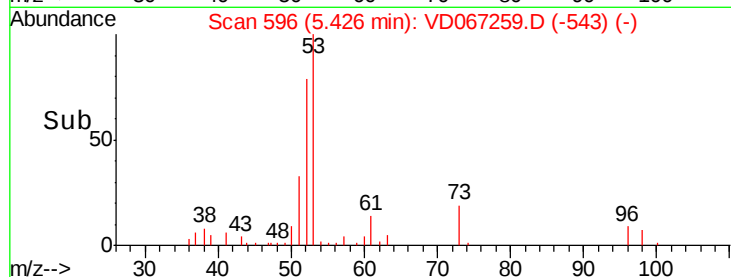
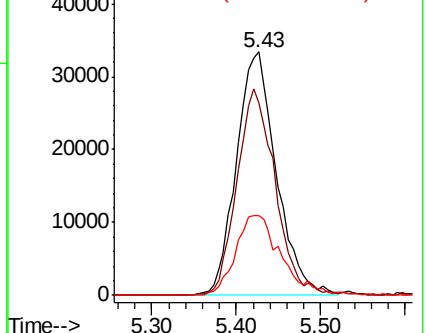
53 100

52 81.6 65.6 98.4

51 36.9 30.8 46.2



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



#16

Acetone

Concen: 209.148 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067259.D

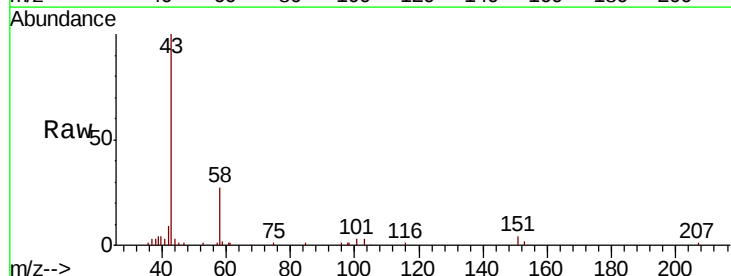
Acq: 13 Oct 2020 18:25

Tgt Ion: 43 Resp: 99484

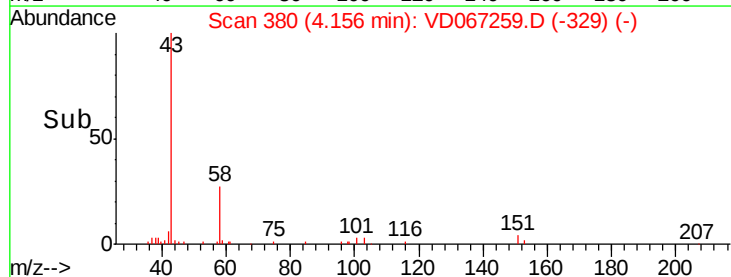
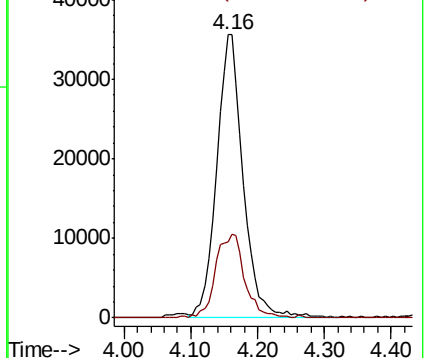
Ion Ratio Lower Upper

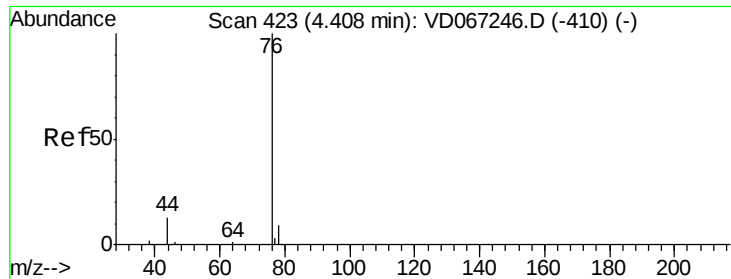
43 100

58 26.8 26.1 39.1



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

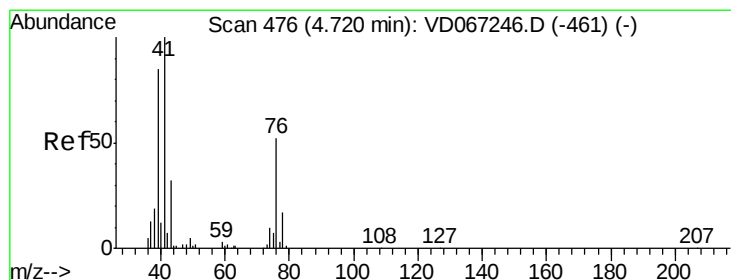
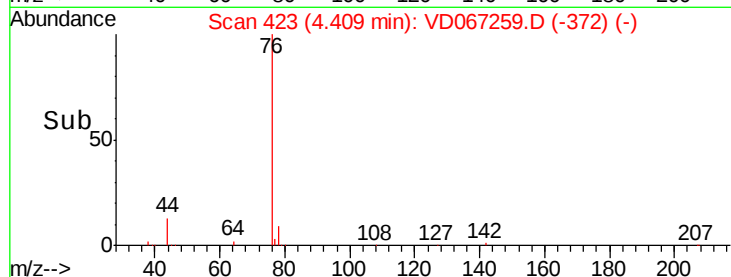
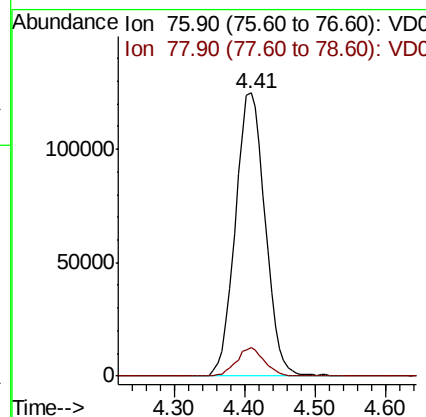
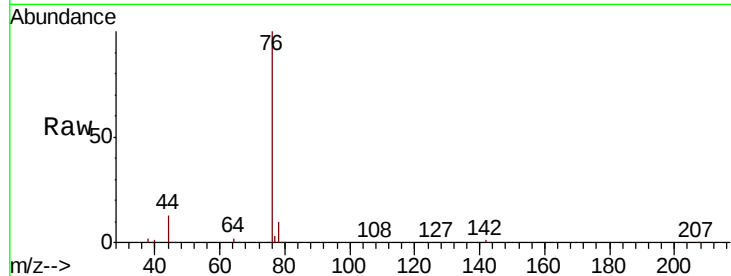




#17
Carbon Disulfide
Concen: 45.955 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

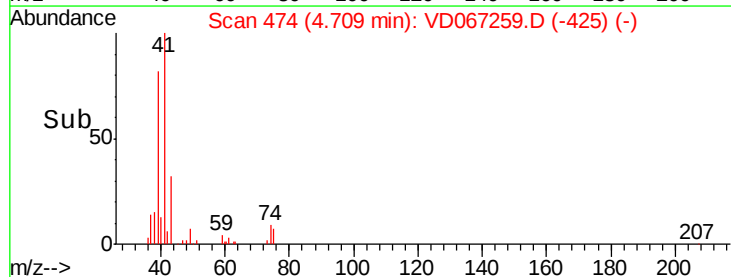
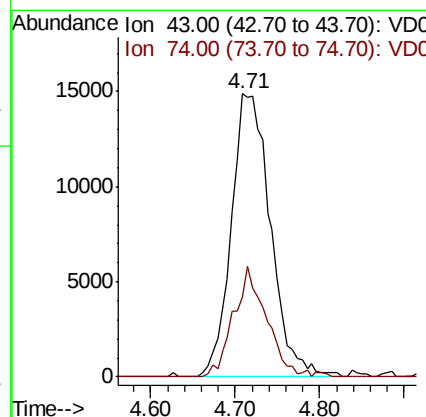
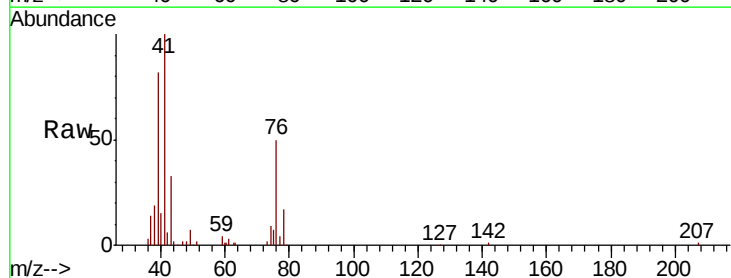
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

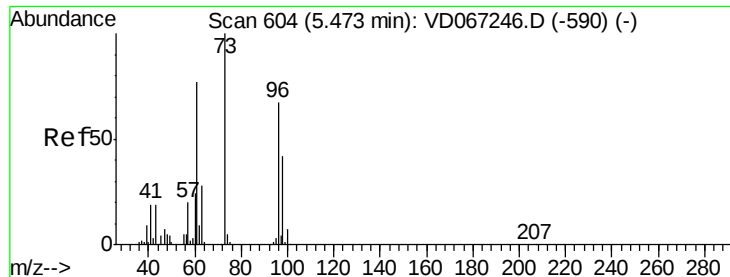
Tot Ion: 76 Resp: 366552
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#18
Methyl Acetate
Concen: 43.965 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

Tgt Ion: 43 Resp: 47699
Ion Ratio Lower Upper
43 100
74 32.6 26.6 39.8

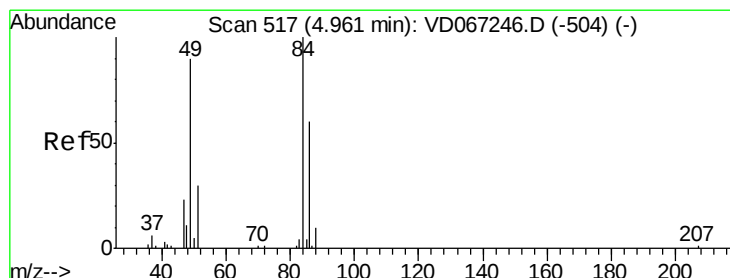
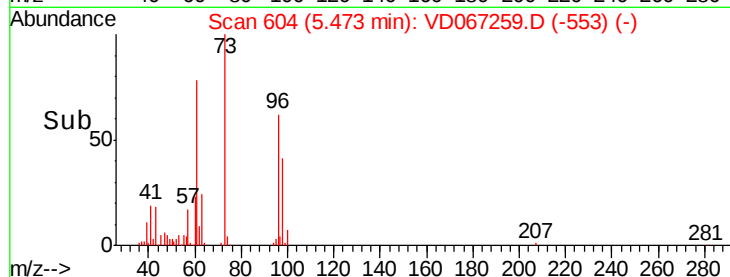
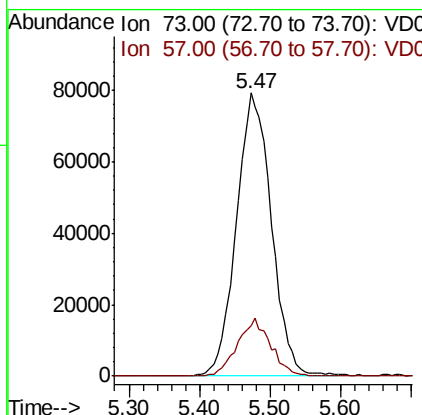
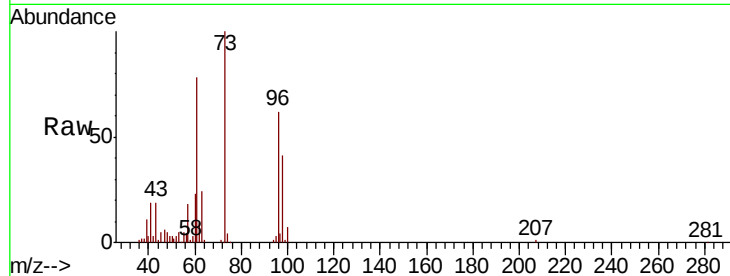




#19
Methyl tert-butyl Ether
Concen: 49.065 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

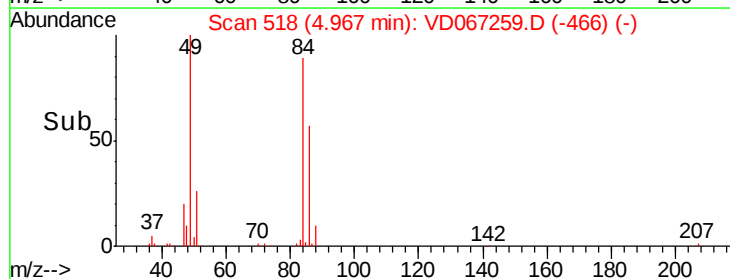
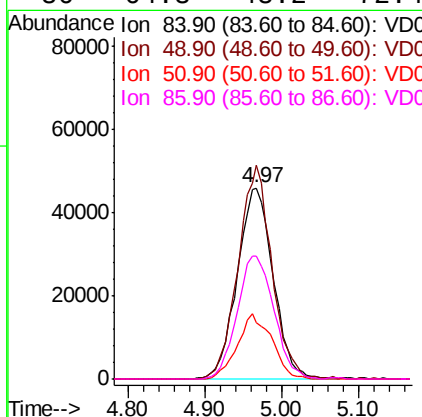
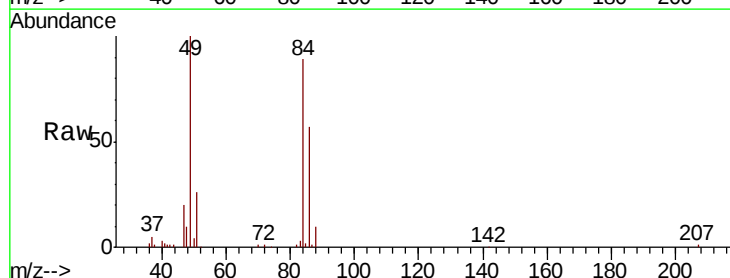
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

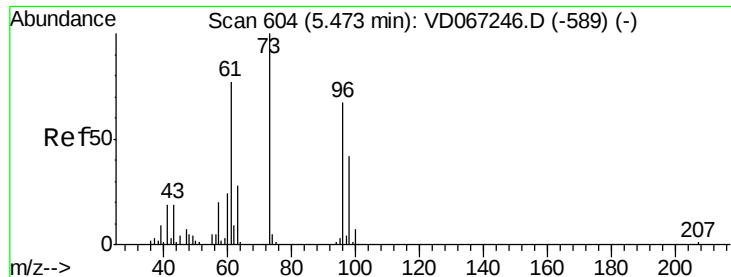
Tot Ion: 73 Resp: 272971
Ion Ratio Lower Upper
73 100
57 17.7 15.7 23.5



#20
Methylene Chloride
Concen: 48.972 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

Tgt Ion: 84 Resp: 149491
Ion Ratio Lower Upper
84 100
49 112.0 72.2 108.2#
51 29.5 23.8 35.8
86 64.3 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 47.324 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

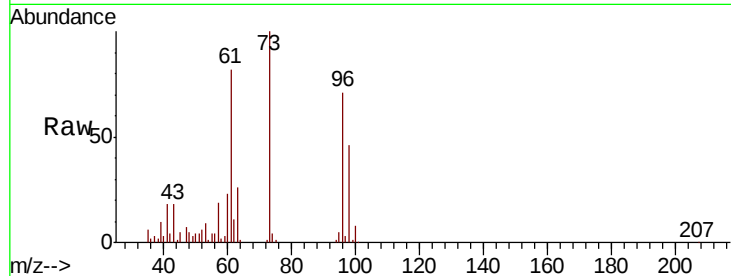
Tot Ion: 96 Resp: 152374

Ion Ratio Lower Upper

96 100

61 114.9 92.0 138.0

98 65.3 49.8 74.8

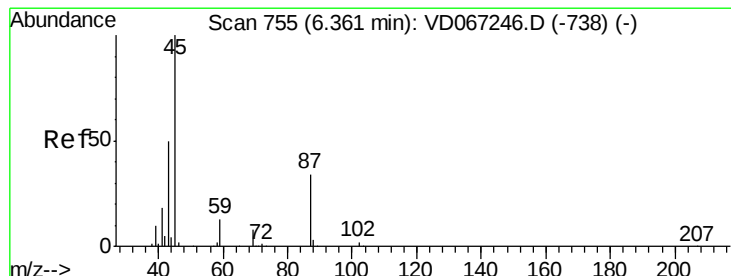
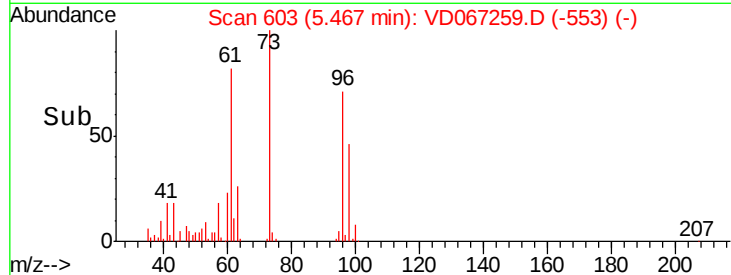
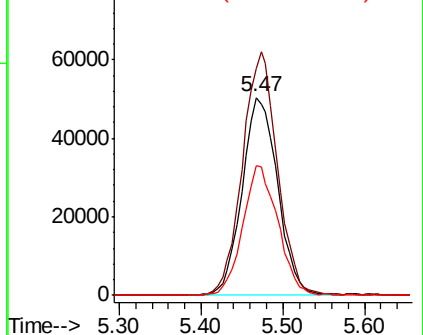


Abundance

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: 49.734 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Tgt Ion: 45 Resp: 291100

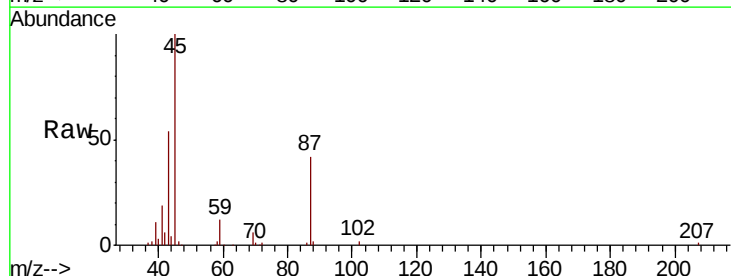
Ion Ratio Lower Upper

45 100

43 53.4 48.0 72.0

87 41.5 28.5 42.7

59 12.0 10.5 15.7



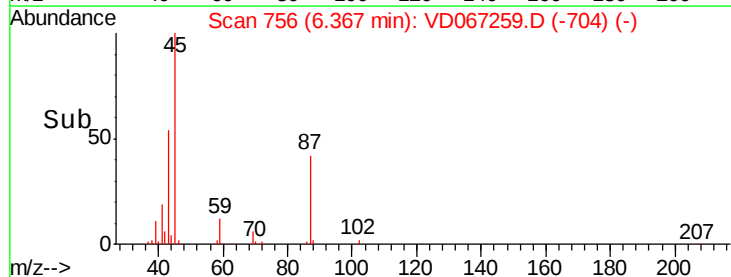
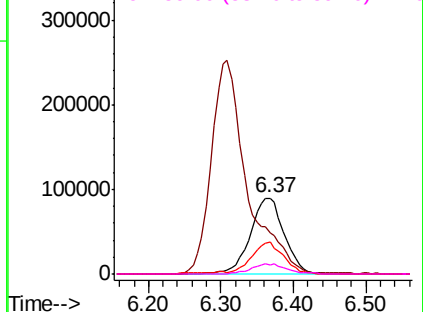
Abundance

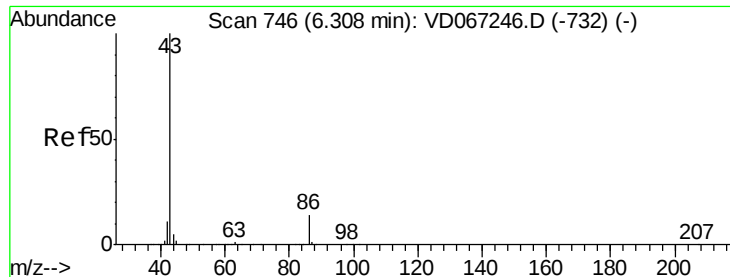
Ion 45.00 (44.70 to 45.70): VDC

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

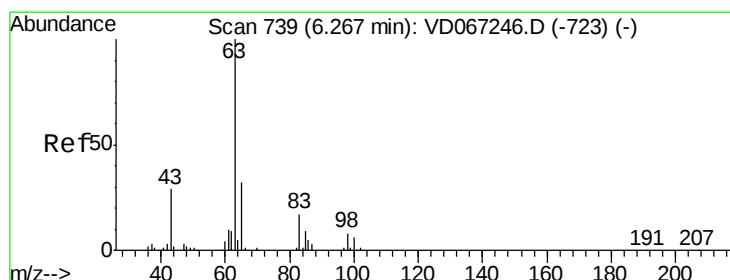
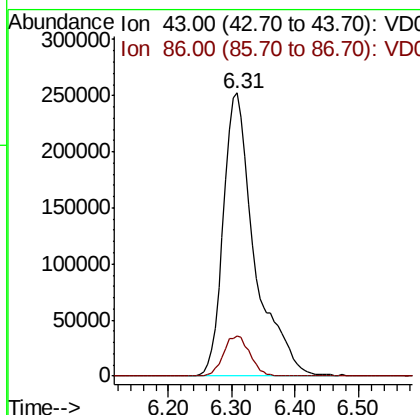
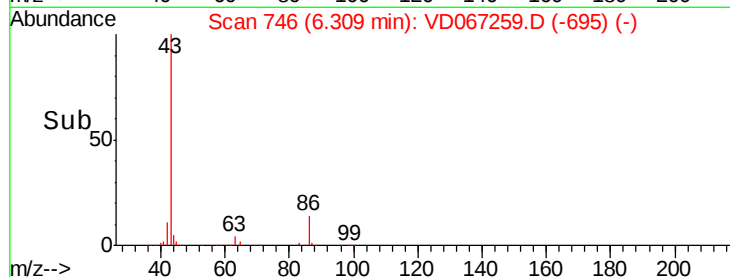
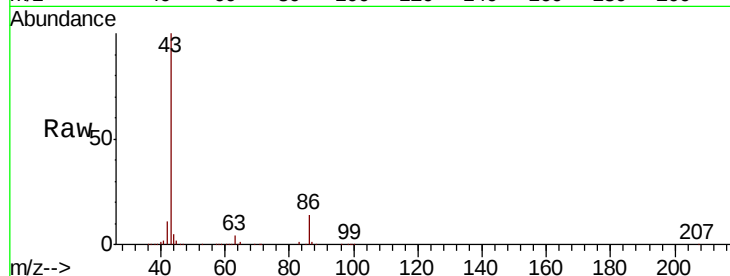




#23
 Vinyl Acetate
 Concen: 259.514 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

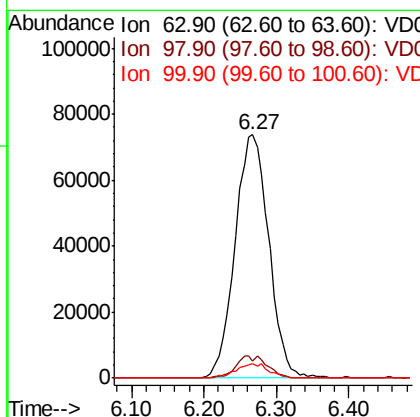
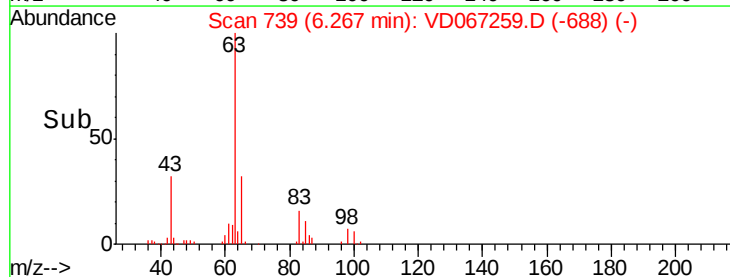
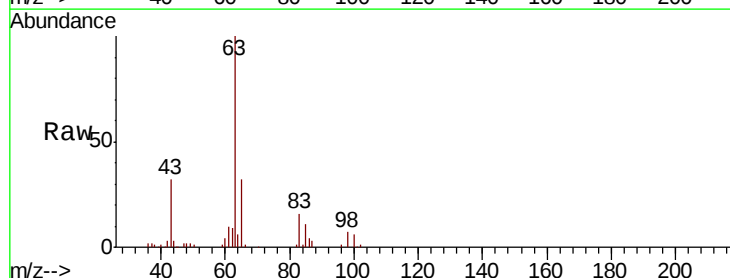
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

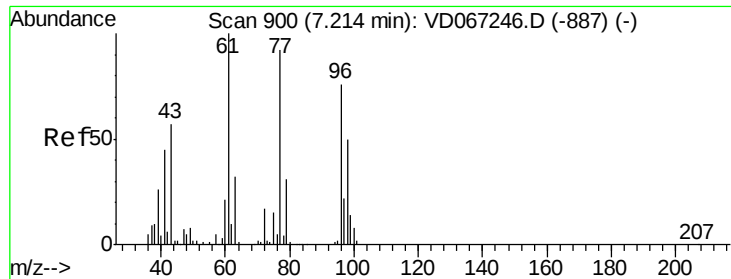
Tot Ion: 43 Resp: 864182
 Ion Ratio Lower Upper
 43 100
 86 14.2 11.0 16.6



#24
 1,1-Dichloroethane
 Concen: 47.557 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

Tgt Ion: 63 Resp: 238281
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.0 12.2
 100 6.0 2.8 8.4





#25

2-Butanone

Concen: 231.188 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

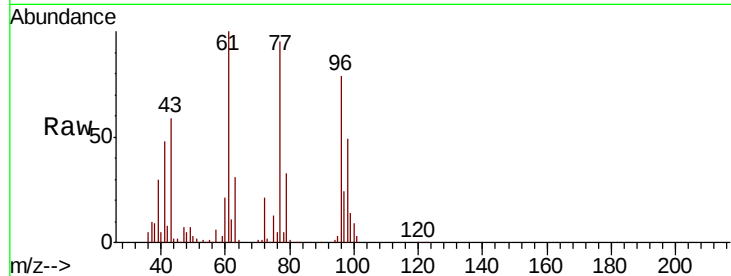
VSTDCCC050EC

Tot Ion: 43 Resp: 125352

Ion Ratio Lower Upper

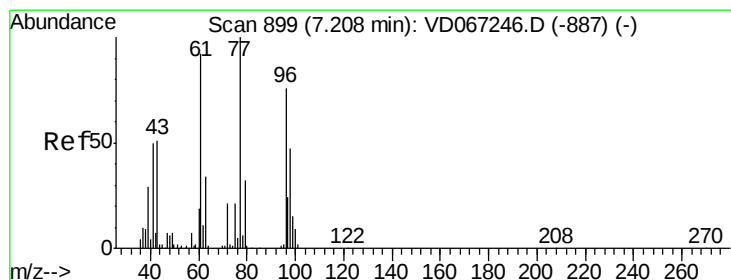
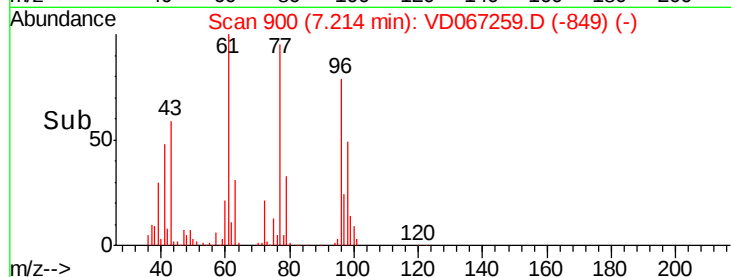
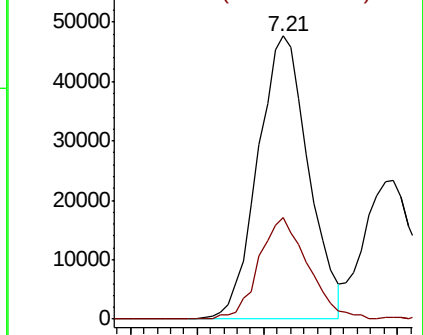
43 100

72 36.0 23.7 35.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 45.052 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067259.D

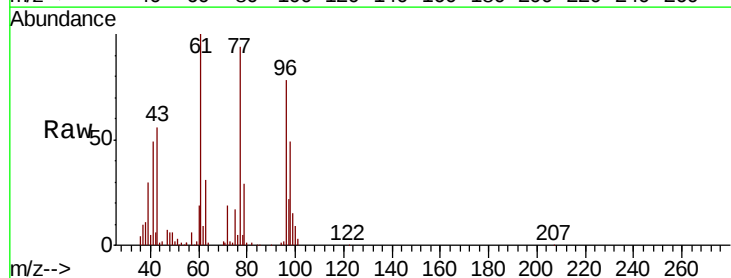
Acq: 13 Oct 2020 18:25

Tgt Ion: 77 Resp: 232665

Ion Ratio Lower Upper

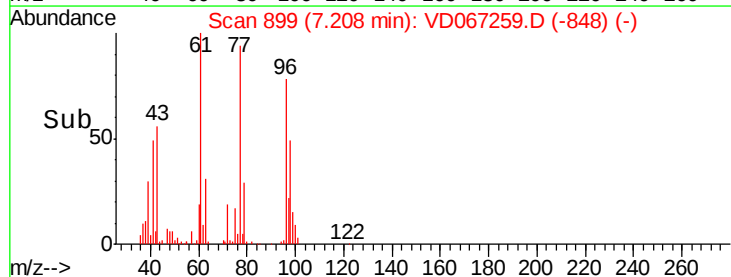
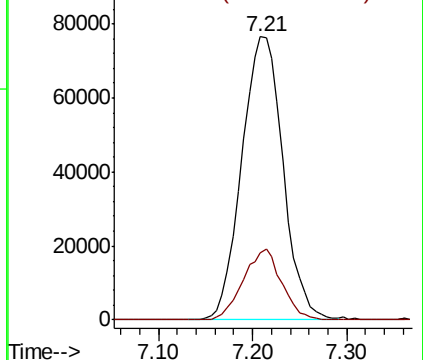
77 100

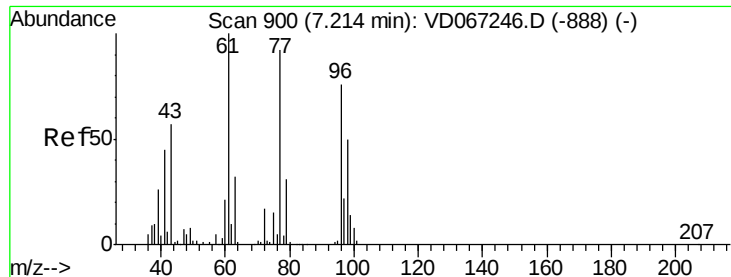
97 23.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



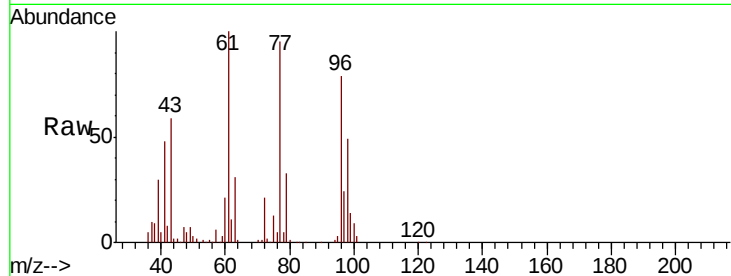


#27

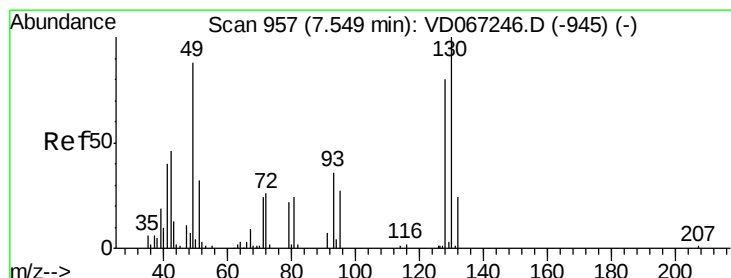
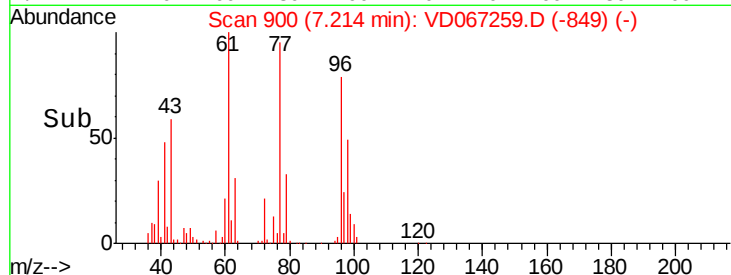
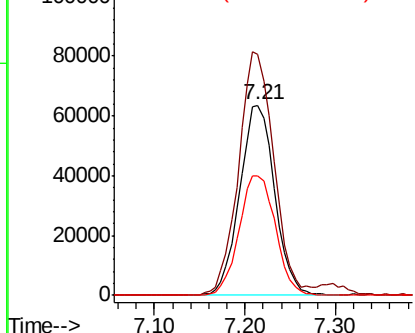
cis-1,2-Dichloroethene
 Concen: 48.449 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 170968
 Ion Ratio Lower Upper
 96 100
 61 129.0 0.0 255.4
 98 65.3 0.0 128.0



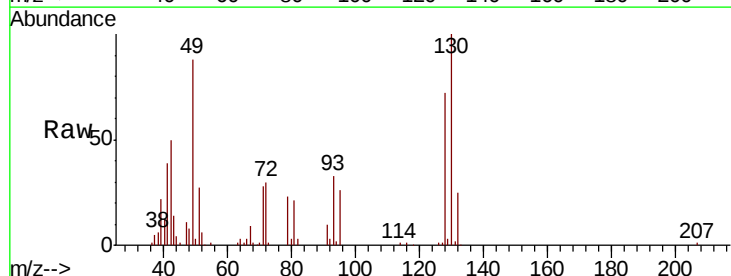
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



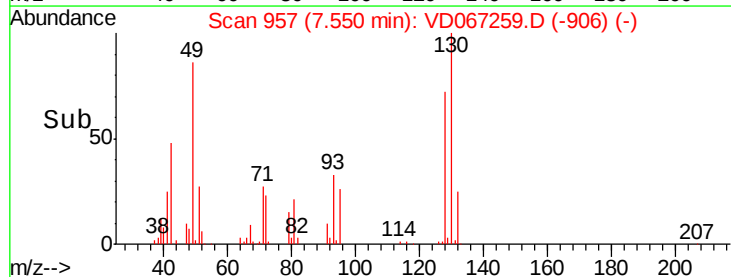
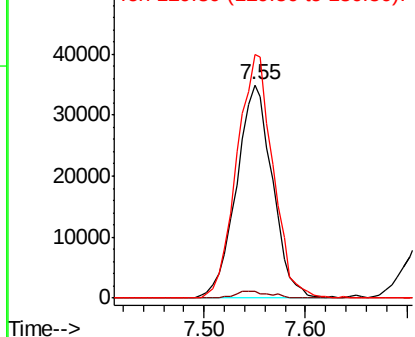
#28

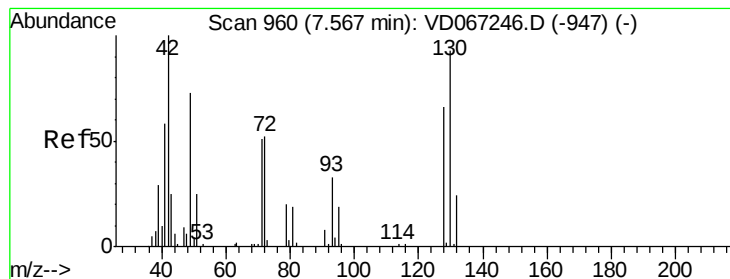
Bromochloromethane
 Concen: 50.409 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

Tgt Ion: 49 Resp: 86149
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 1.6#
 130 115.3 91.0 136.6



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





#29

Tetrahydrofuran

Concen: 245.695 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

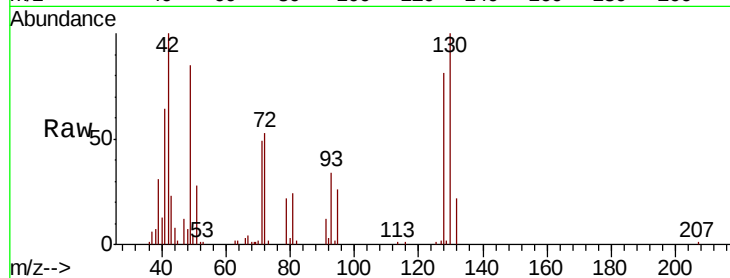
Tot Ion: 42 Resp: 74053

Ion Ratio Lower Upper

42 100

72 55.9 43.2 64.8

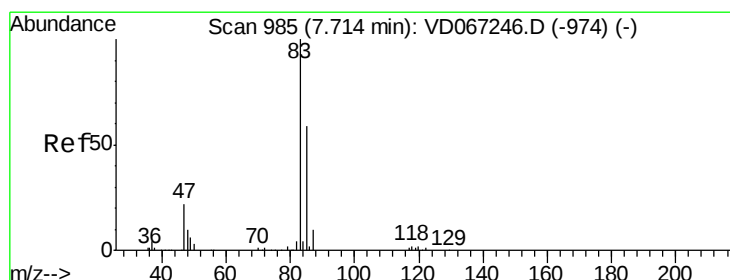
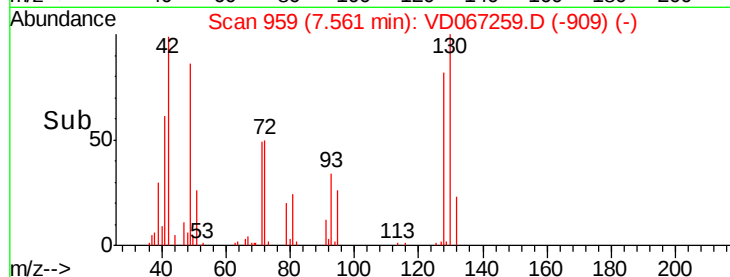
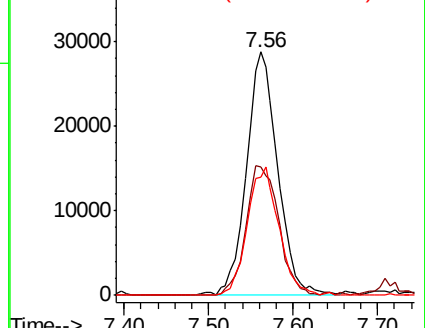
71 53.0 39.4 59.0



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: 48.611 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067259.D

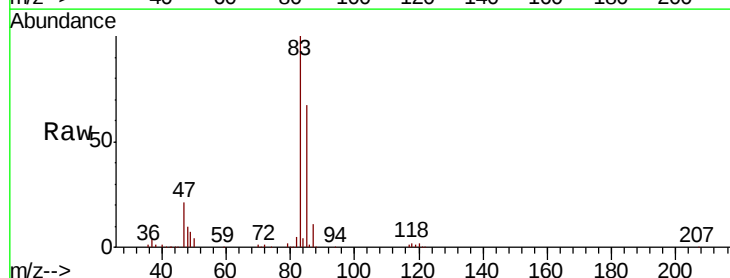
Acq: 13 Oct 2020 18:25

Tgt Ion: 83 Resp: 290957

Ion Ratio Lower Upper

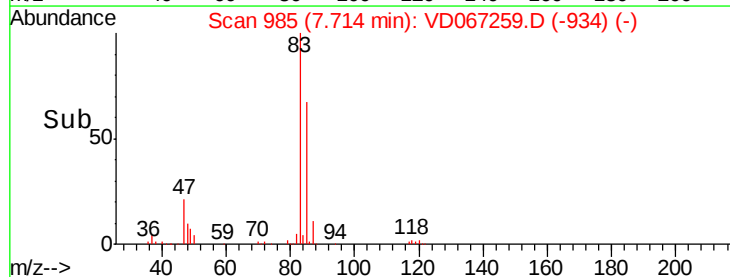
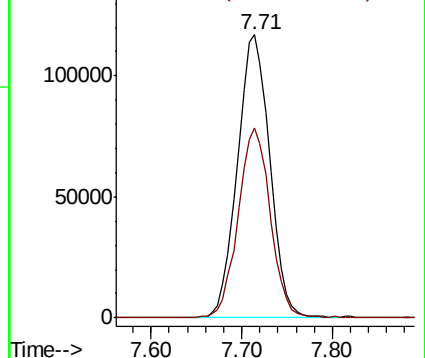
83 100

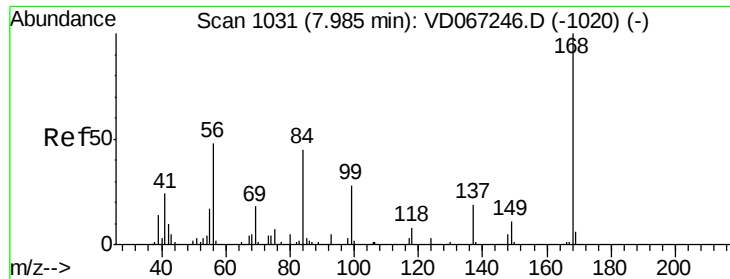
85 66.9 47.3 70.9



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

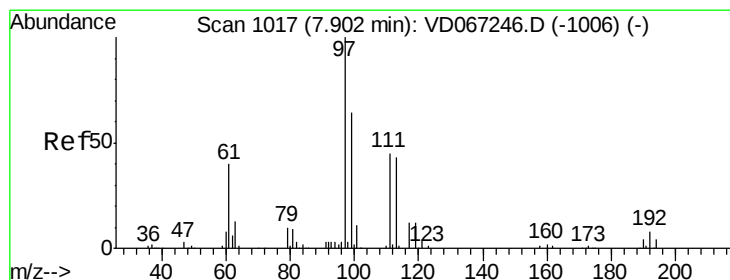
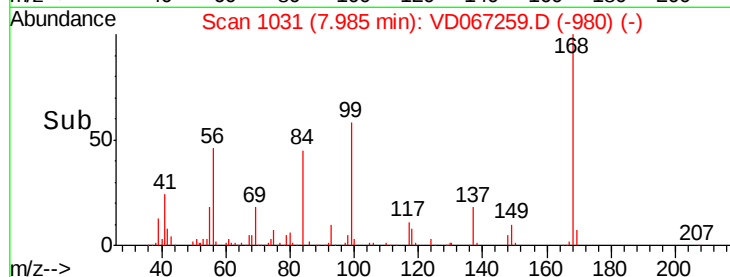
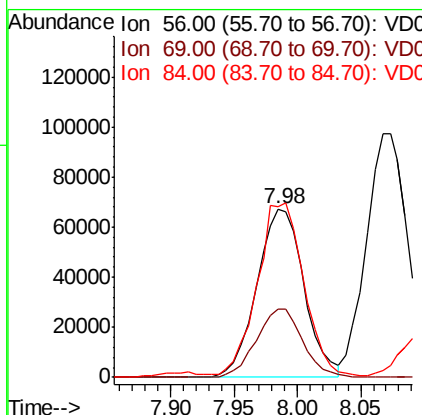
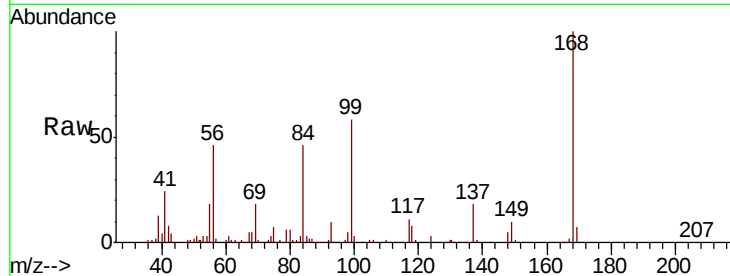




#31
Cyclohexane
Concen: 44.539 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

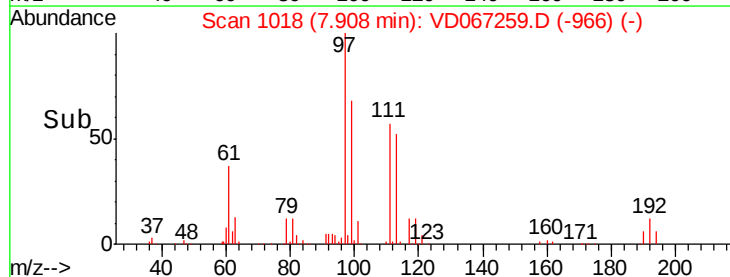
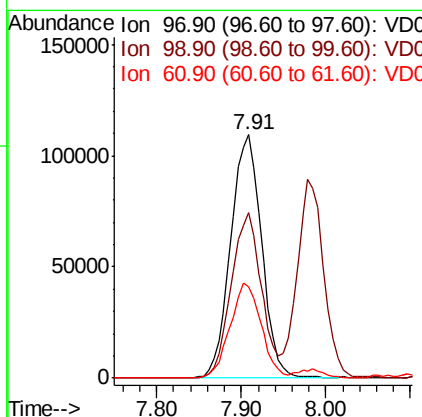
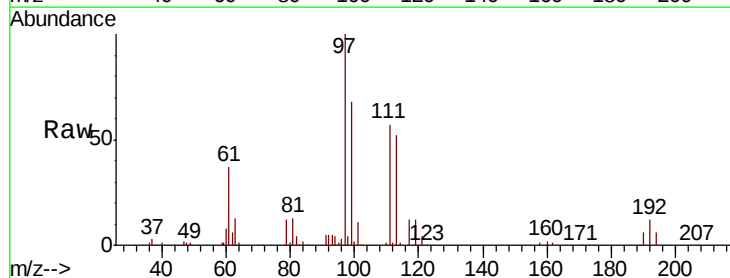
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

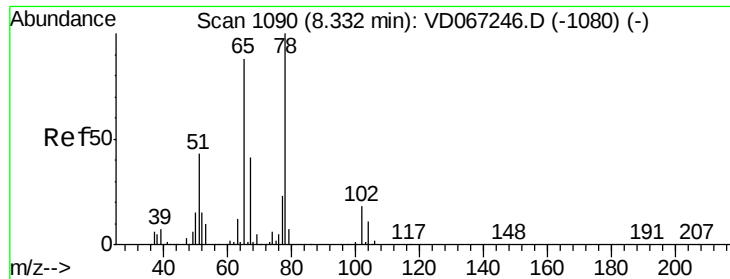
Tot Ion: 56 Resp: 174231
Ion Ratio Lower Upper
56 100
69 40.3 29.8 44.6
84 98.2 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 47.184 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

Tgt Ion: 97 Resp: 277099
Ion Ratio Lower Upper
97 100
99 66.1 50.2 75.4
61 38.8 30.5 45.7

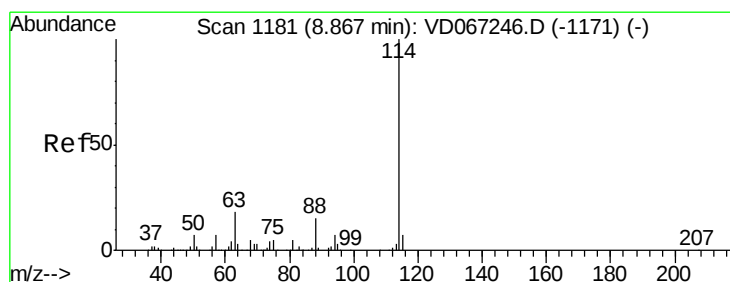
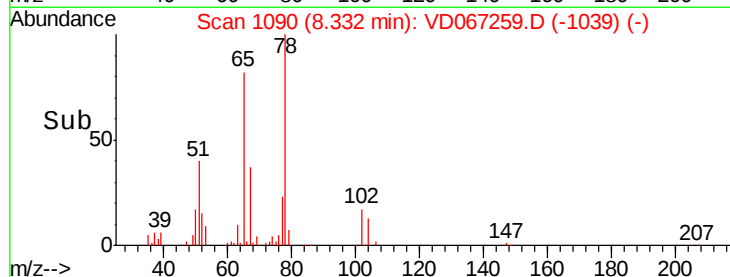
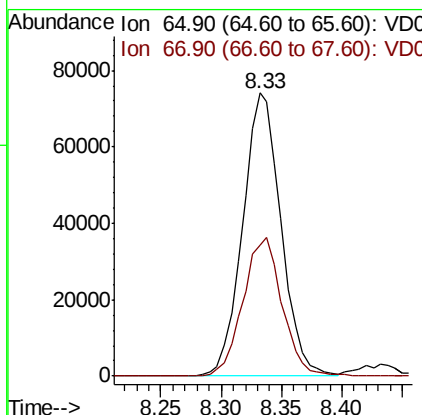
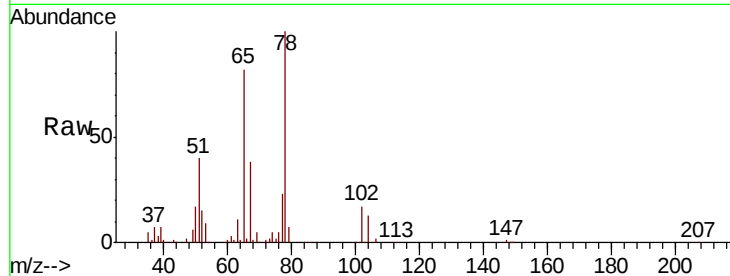




#33
 1,2-Dichloroethane-d4
 Concen: 48.075 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

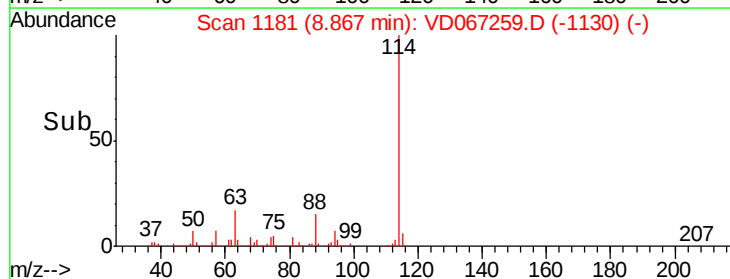
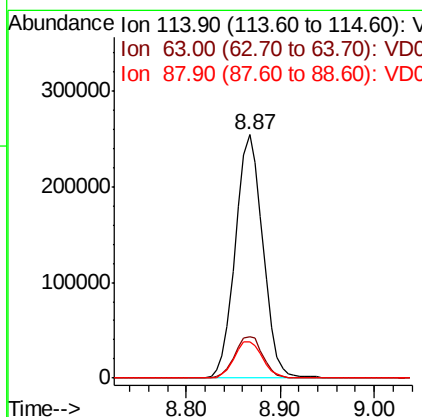
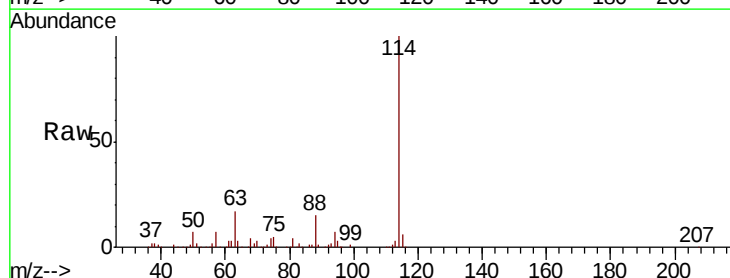
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

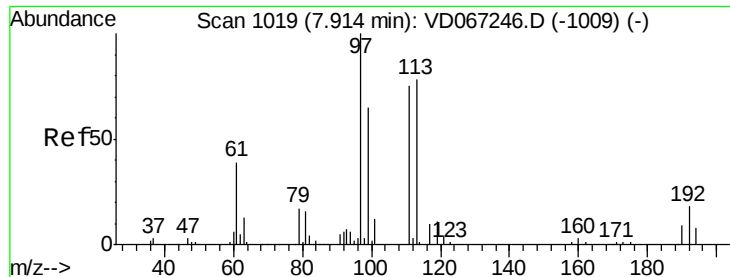
Tot Ion: 65 Resp: 163282
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

Tgt Ion: 114 Resp: 516533
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.0
 88 14.9 0.0 30.6

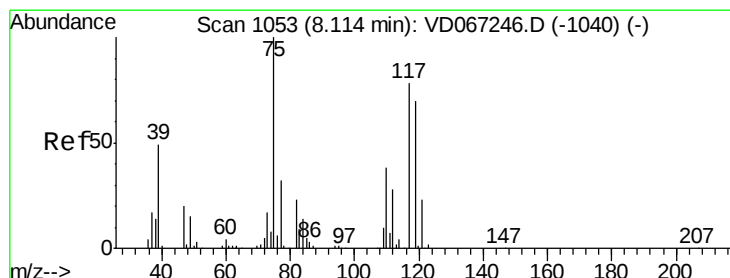
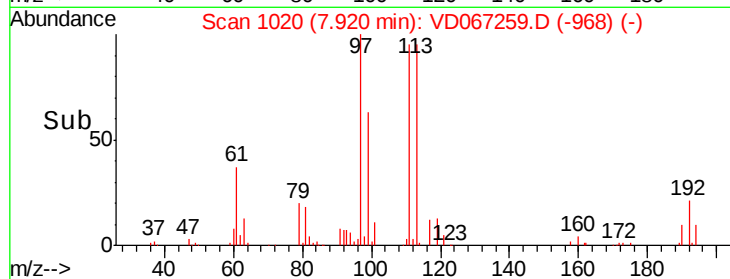
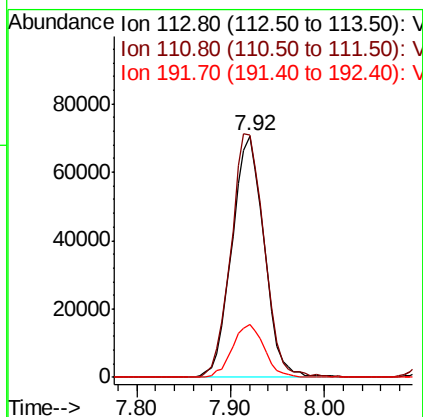
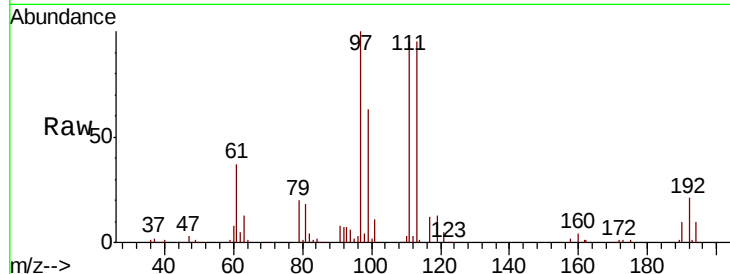




#35
 Dibromofluoromethane
 Concen: 48.742 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

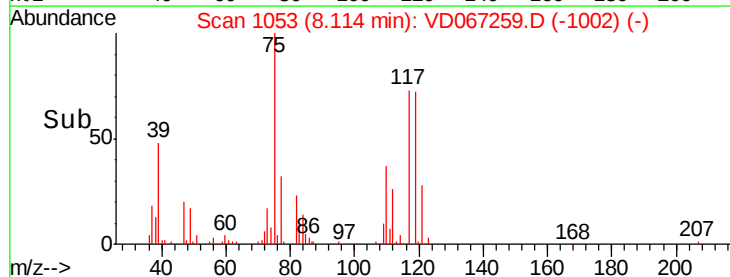
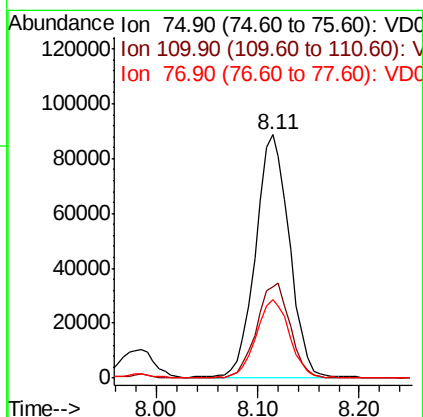
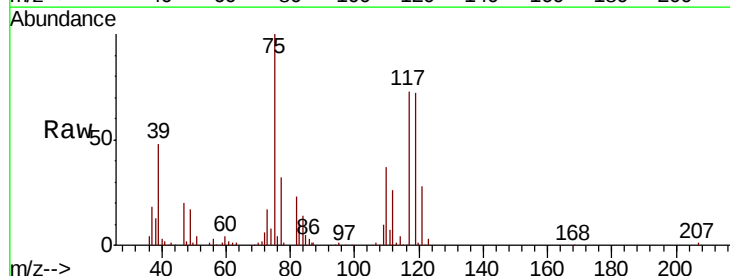
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

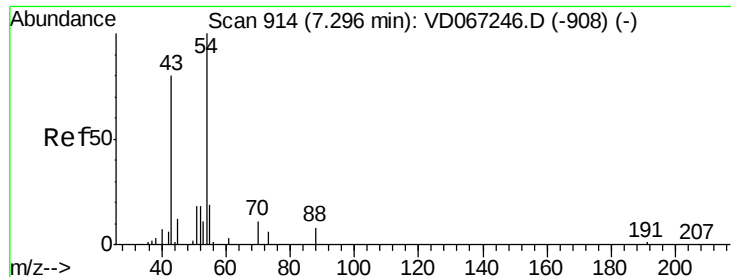
Tot Ion:113 Resp: 167553
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.6 122.4
 192 21.8 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 47.096 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

Tgt Ion: 75 Resp: 206184
 Ion Ratio Lower Upper
 75 100
 110 38.4 19.6 58.7
 77 32.0 24.6 37.0

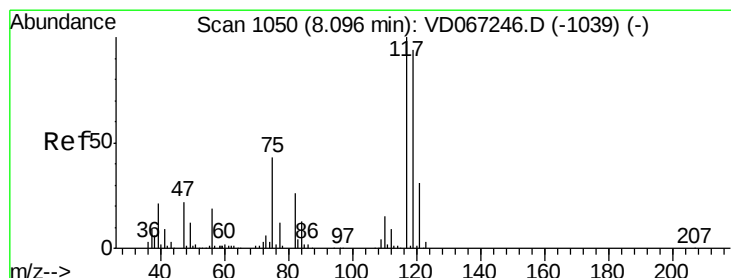
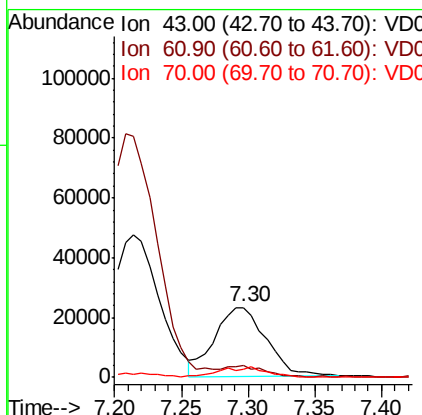
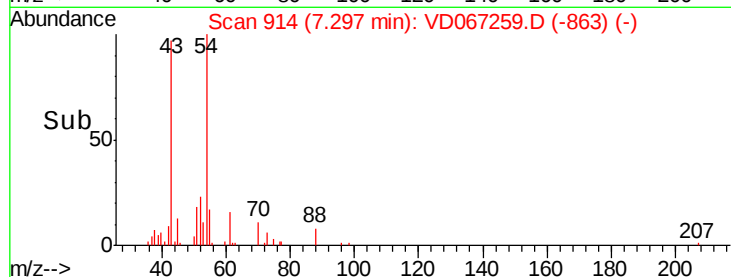
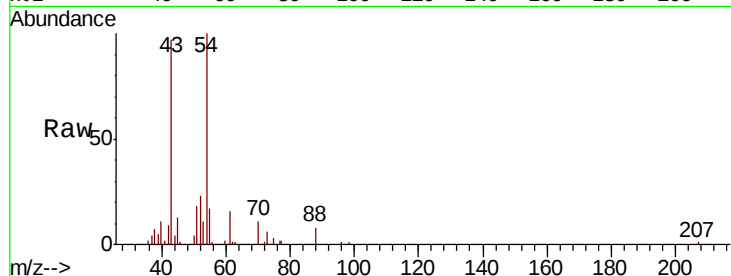




#37
Ethyl Acetate
Concen: 48.345 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

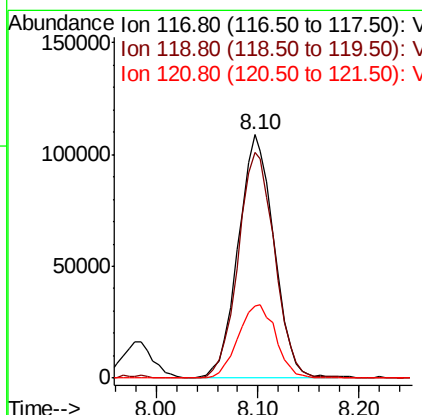
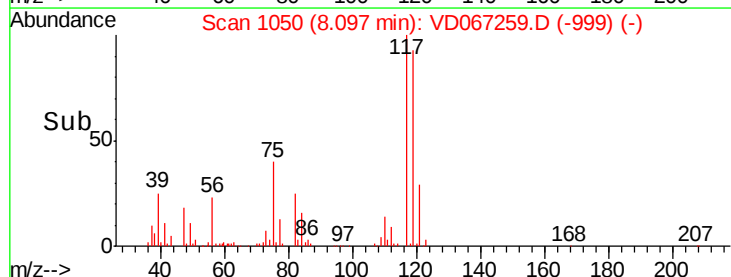
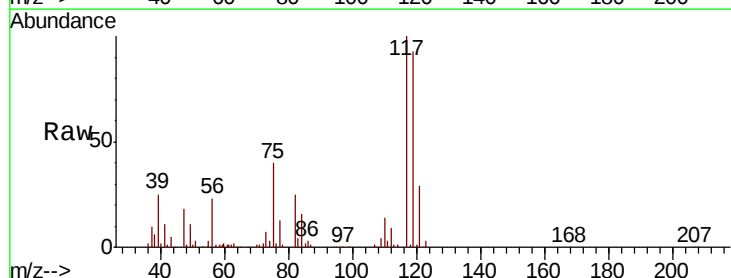
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

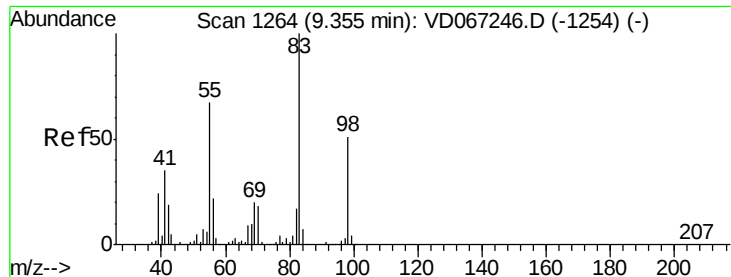
Tot Ion: 43 Resp: 62272
Ion Ratio Lower Upper
43 100
61 13.5 15.6 23.4#
70 5.2 10.4 15.6#



#38
Carbon Tetrachloride
Concen: 47.298 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

Tgt Ion: 117 Resp: 264652
Ion Ratio Lower Upper
117 100
119 93.0 75.0 112.4
121 29.5 24.9 37.3

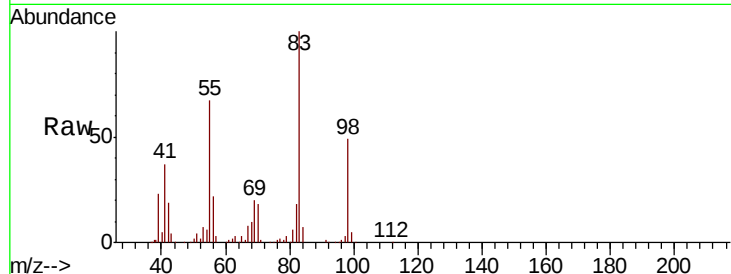




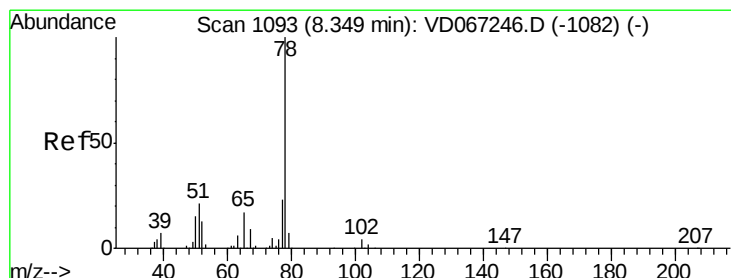
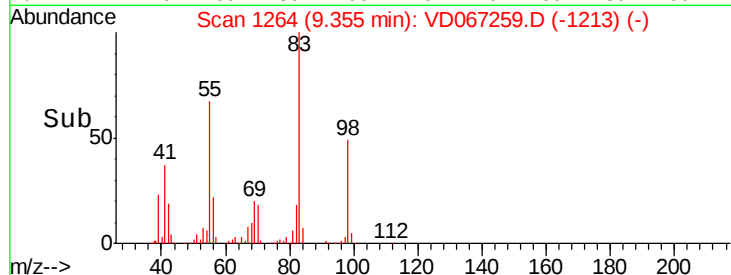
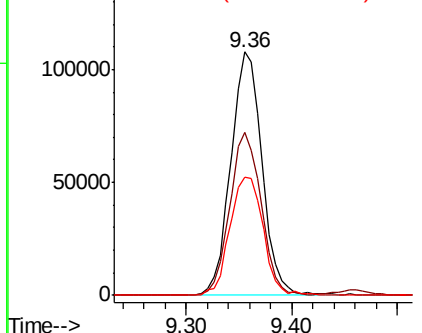
#39
Methylvlcvclohexane
Concen: 48.022 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 219787
Ion Ratio Lower Upper
83 100
55 66.9 53.3 79.9
98 48.5 41.0 61.4

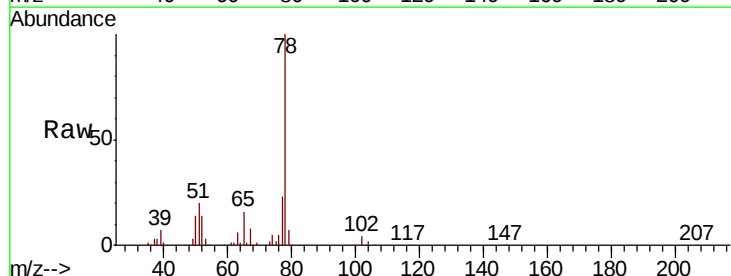


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

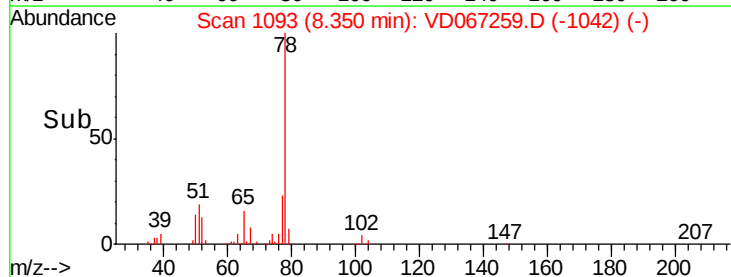
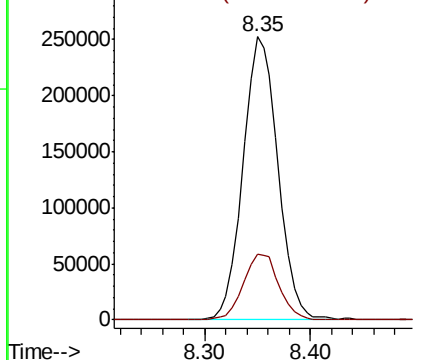


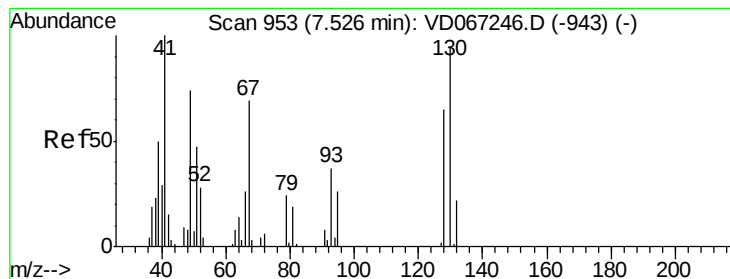
#40
Benzene
Concen: 48.192 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

Tgt Ion: 78 Resp: 578811
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 49.278 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.01 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 34300

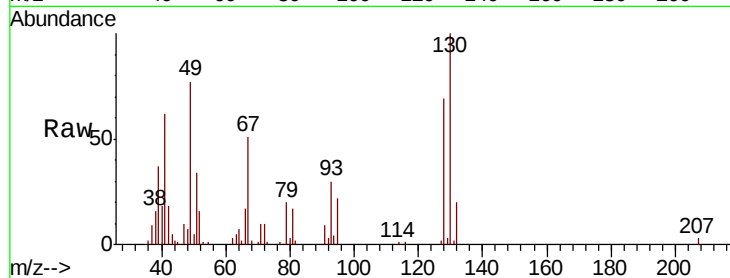
Ion Ratio Lower Upper

41 100

39 63.9 60.0 90.0

67 93.2 88.9 133.3

52 36.2 36.9 55.3#



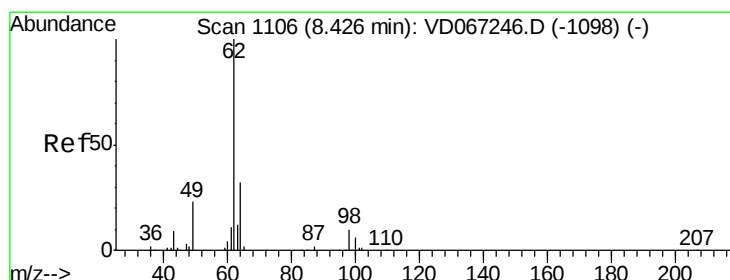
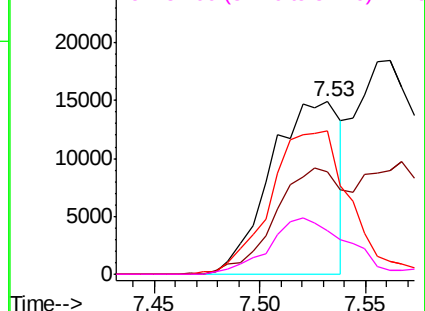
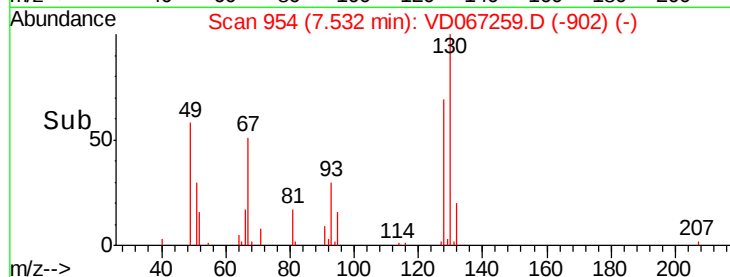
Abundance

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: 47.356 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067259.D

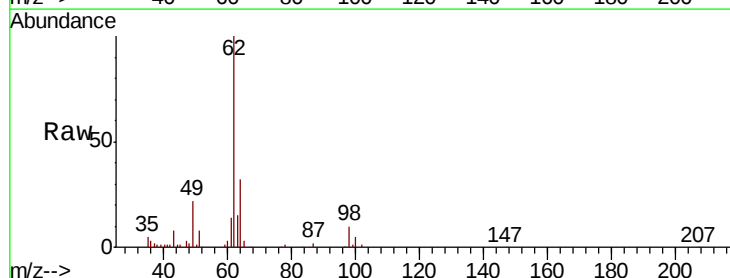
Acq: 13 Oct 2020 18:25

Tgt Ion: 62 Resp: 177996

Ion Ratio Lower Upper

62 100

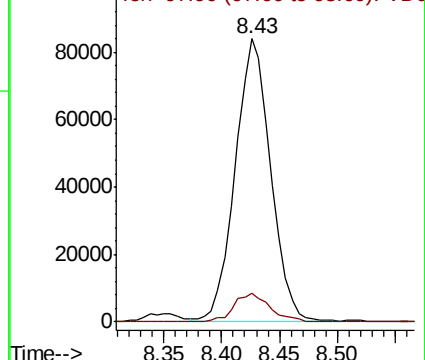
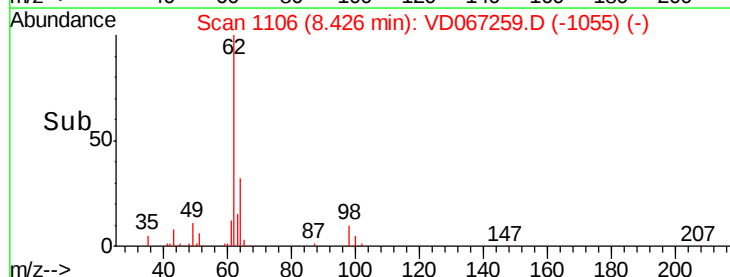
98 10.2 0.0 19.4

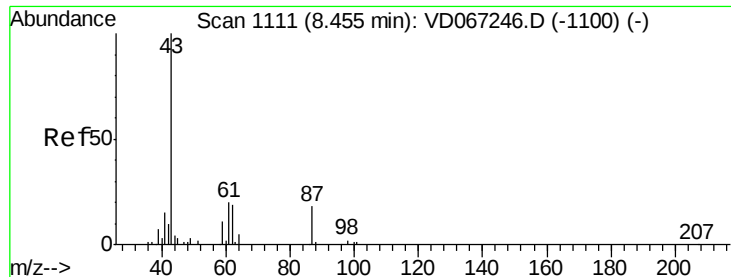


Abundance

Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 48.490 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

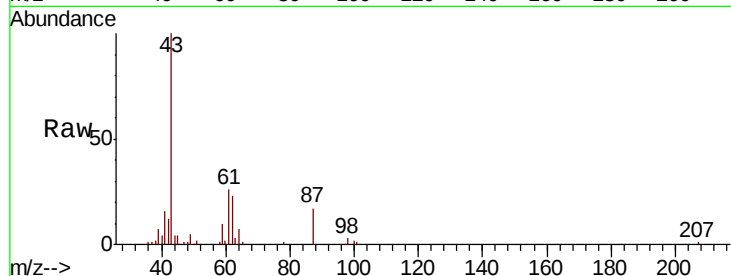
Tot Ion: 43 Resp: 123935

Ion Ratio Lower Upper

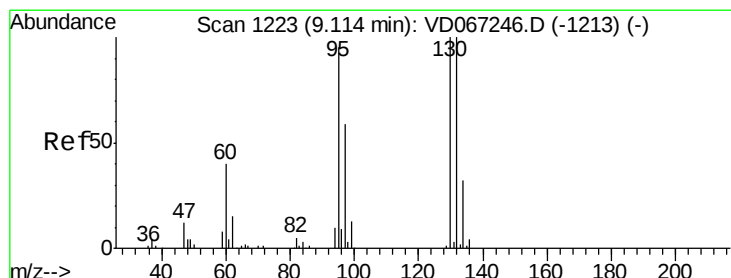
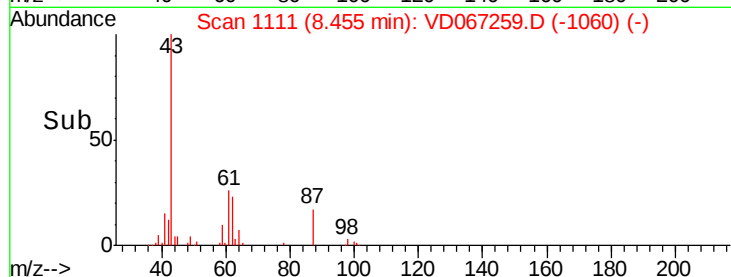
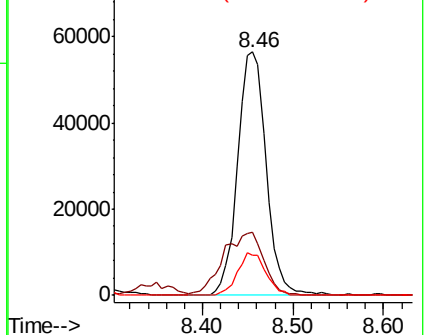
43 100

61 36.6 29.5 44.3

87 17.2 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: 48.710 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067259.D

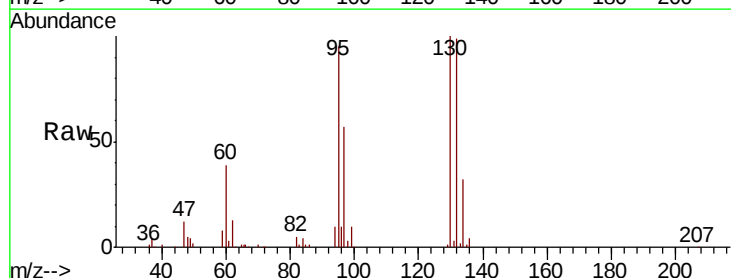
Acq: 13 Oct 2020 18:25

Tgt Ion:130 Resp: 187312

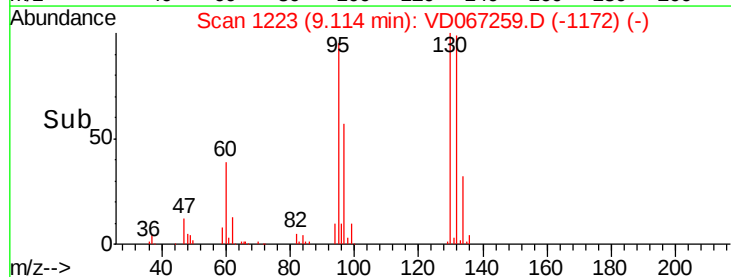
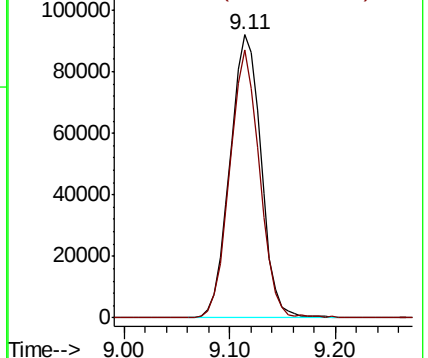
Ion Ratio Lower Upper

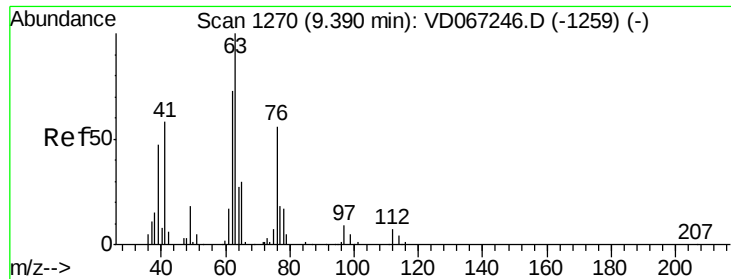
130 100

95 94.7 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: 47.210 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

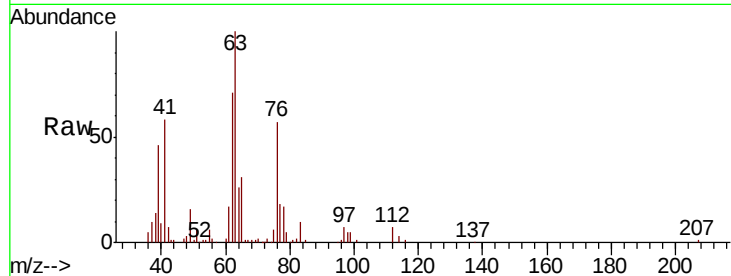
VSTDCCC050EC

Tot Ion: 63 Resp: 131411

Ion Ratio Lower Upper

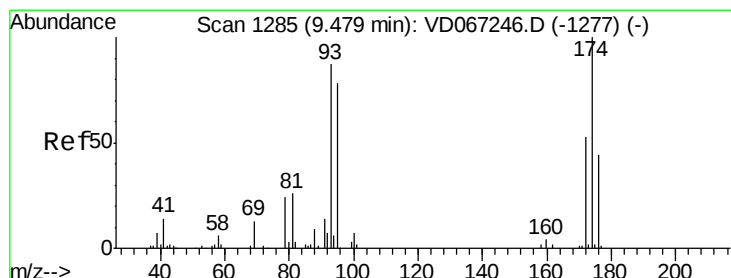
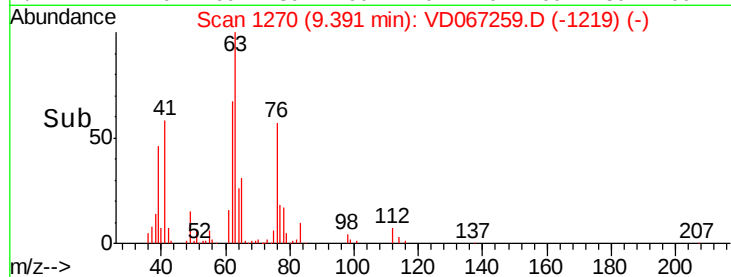
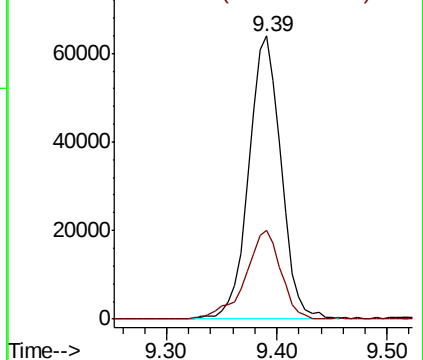
63 100

65 31.5 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 47.163 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

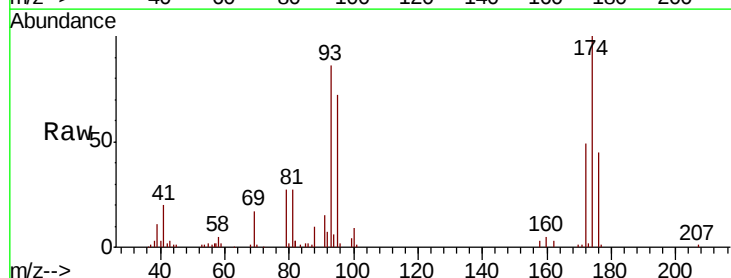
Tgt Ion: 93 Resp: 81794

Ion Ratio Lower Upper

93 100

95 84.9 68.0 102.0

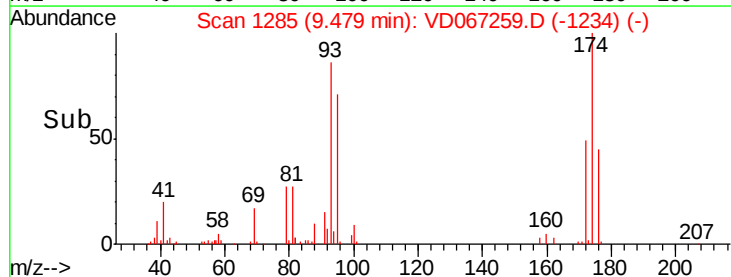
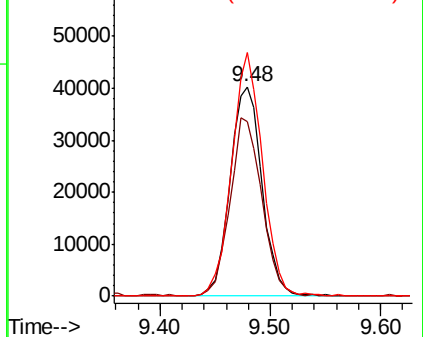
174 112.1 91.8 137.6

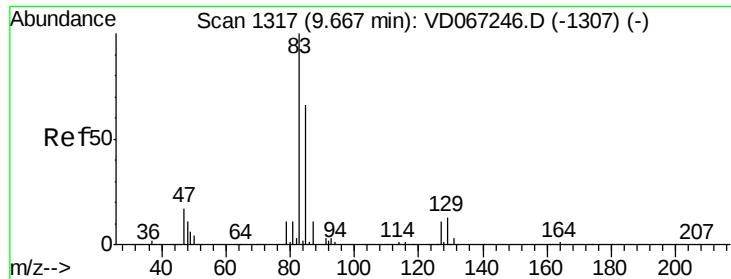


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

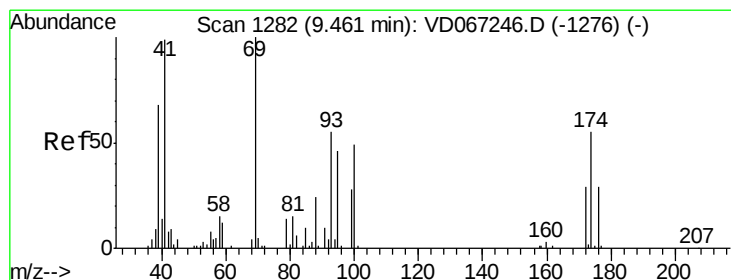
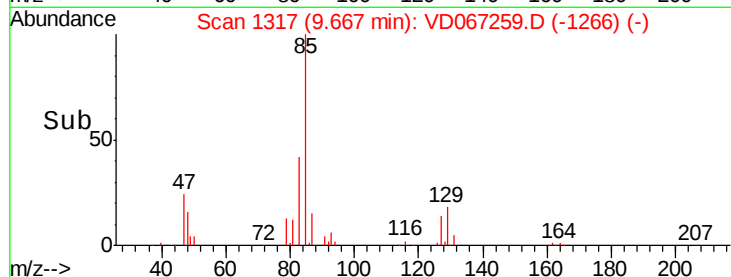
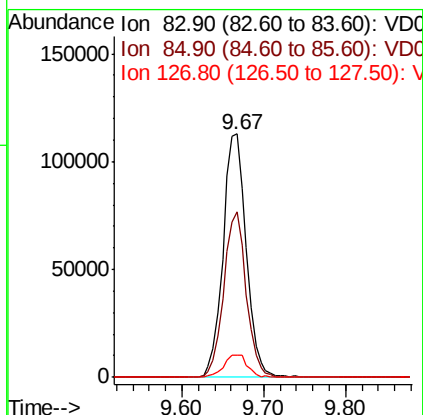
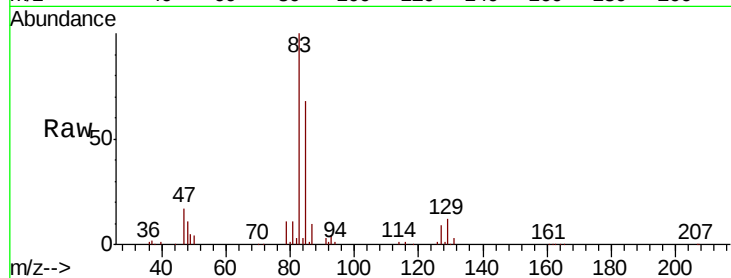




#47
Bromodichloromethane
Concen: 48.088 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

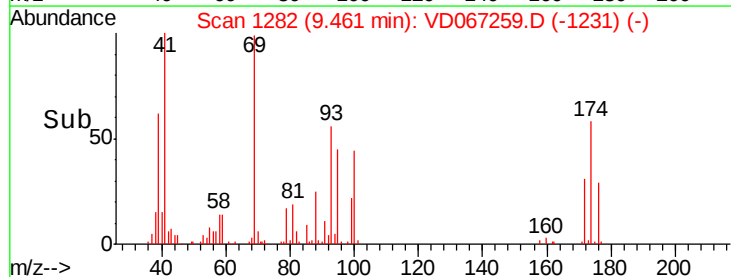
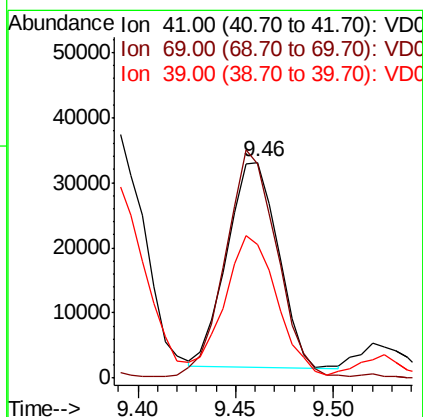
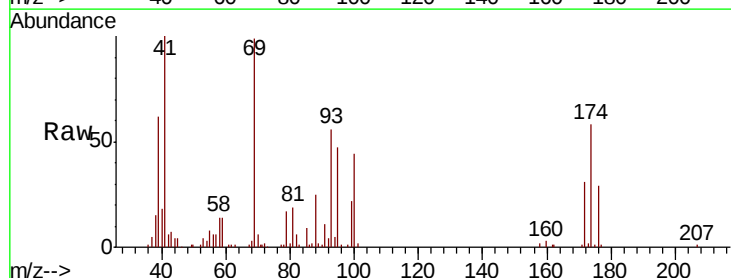
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

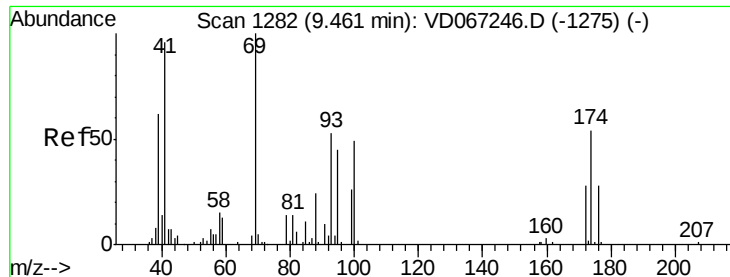
Tot Ion: 83 Resp: 223439
Ion Ratio Lower Upper
83 100
85 67.9 53.1 79.7
127 9.4 8.6 13.0



#48
Methyl methacrylate
Concen: 46.185 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

Tgt Ion: 41 Resp: 57365
Ion Ratio Lower Upper
41 100
69 110.0 89.0 133.6
39 72.1 60.2 90.2





#49

1,4-Dioxane

Concen: 991.637 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

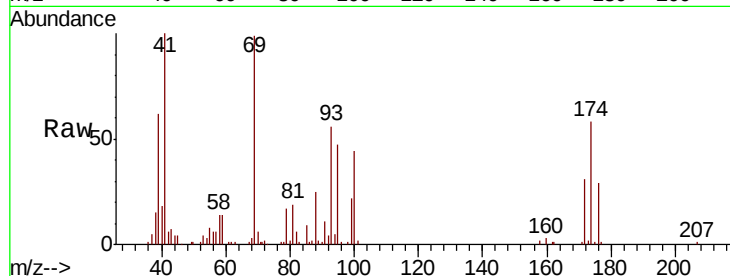
Tot Ion: 88 Resp: 16647

Ion Ratio Lower Upper

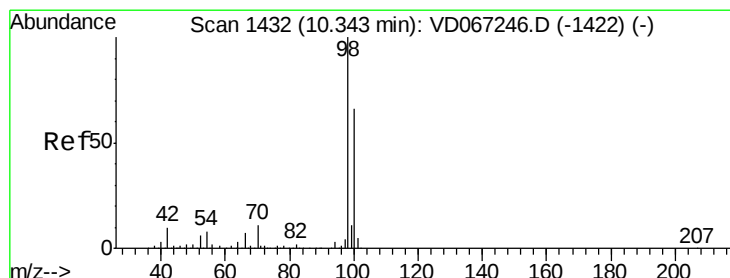
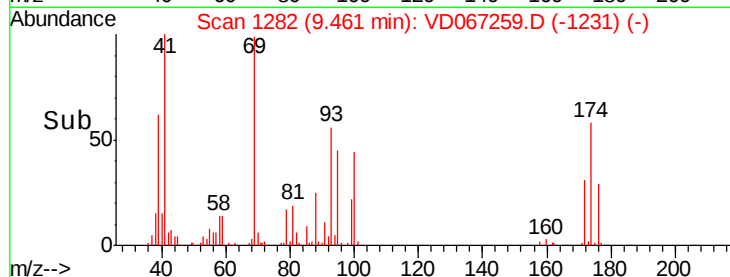
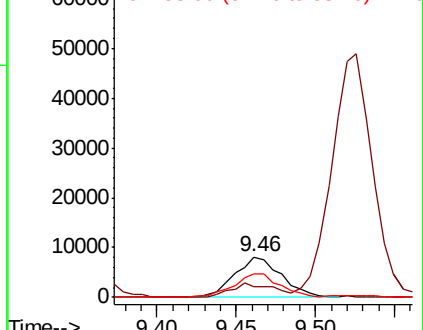
88 100

43 31.9 23.9 35.9

58 58.5 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: 49.682 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067259.D

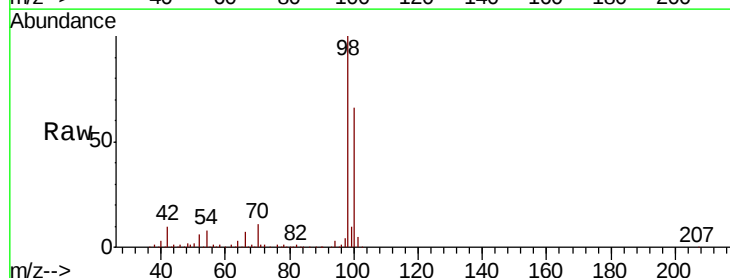
Acq: 13 Oct 2020 18:25

Tgt Ion: 98 Resp: 618053

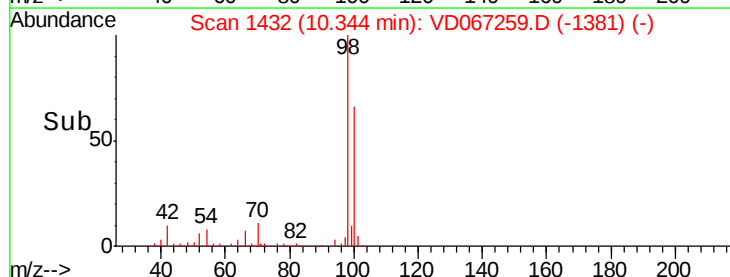
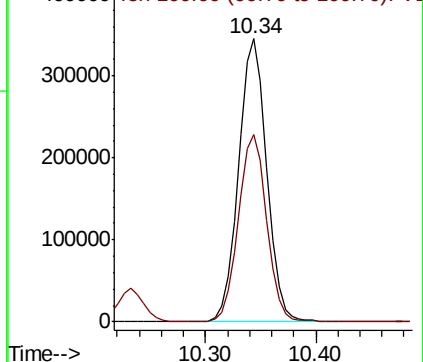
Ion Ratio Lower Upper

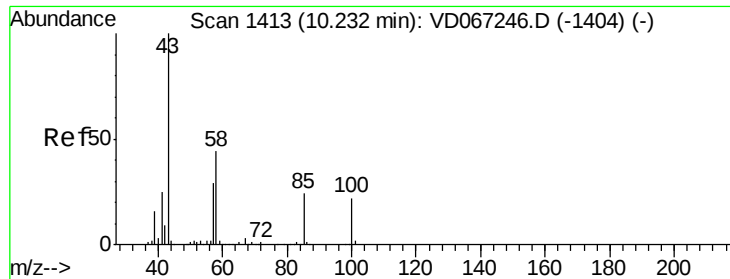
98 100

100 66.6 53.1 79.7



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

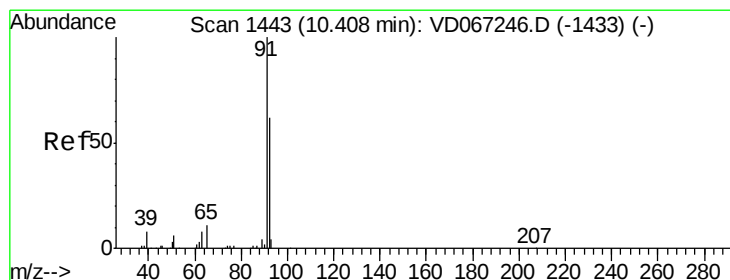
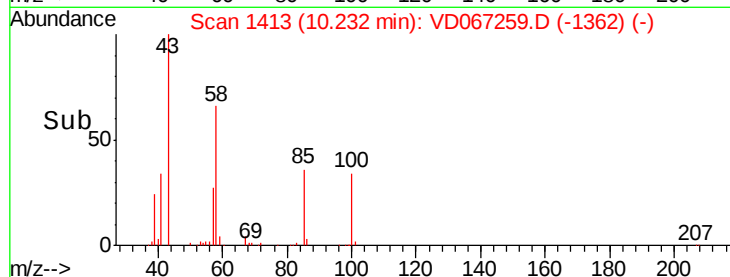
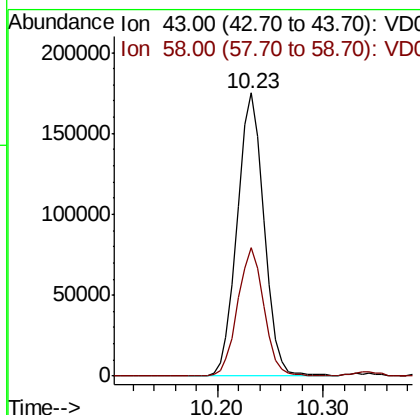
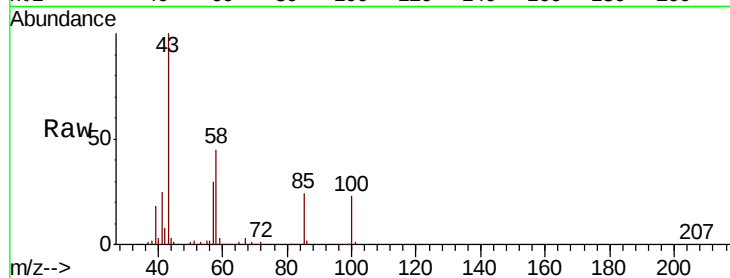




#51
4-Methyl-2-Pentanone
Concen: 241.052 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

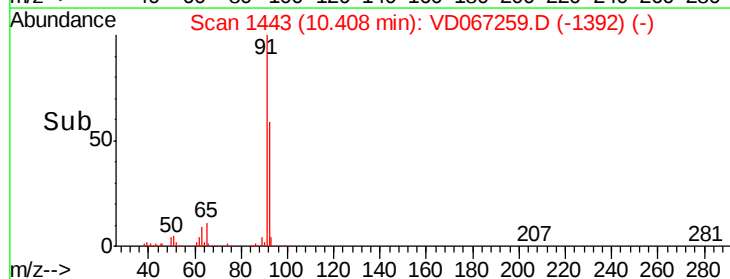
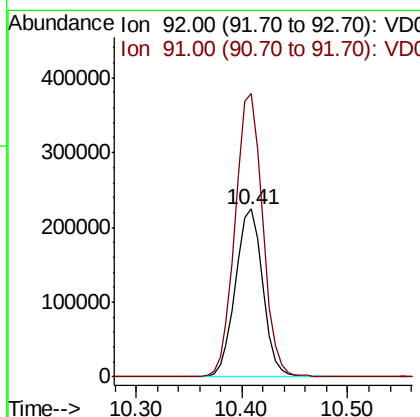
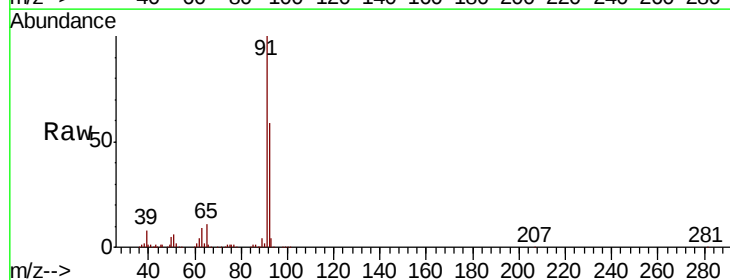
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 307291
Ion Ratio Lower Upper
43 100
58 44.3 35.7 53.5



#52
Toluene
Concen: 49.159 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

Tgt Ion: 92 Resp: 402137
Ion Ratio Lower Upper
92 100
91 170.2 133.8 200.8

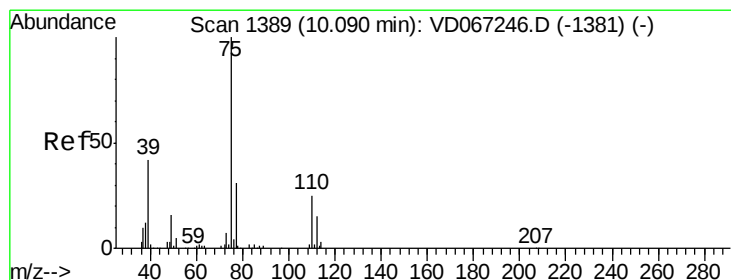
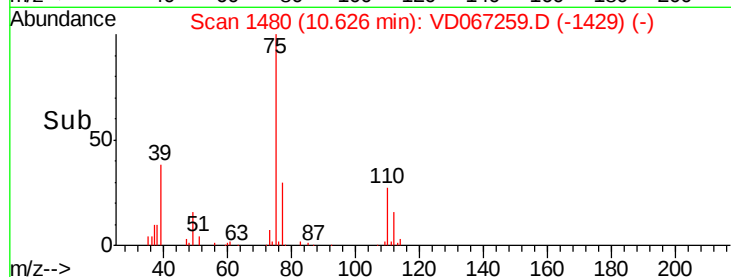
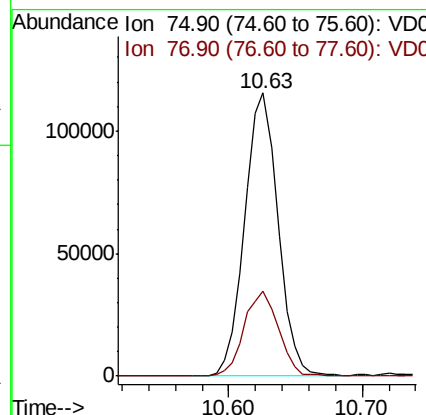
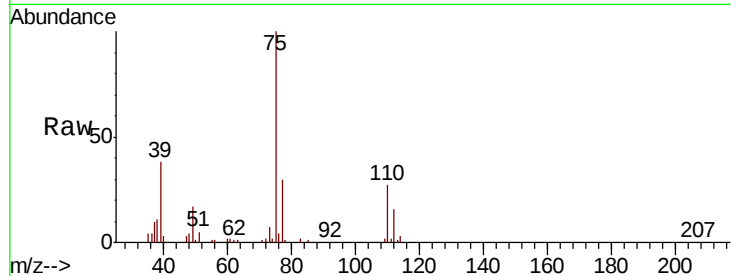




#53
 t-1,3-Dichloropropene
 Concen: 48.949 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

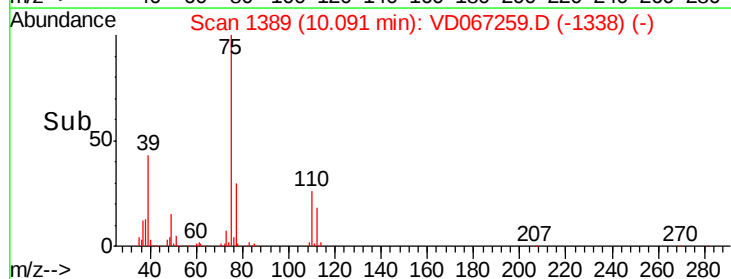
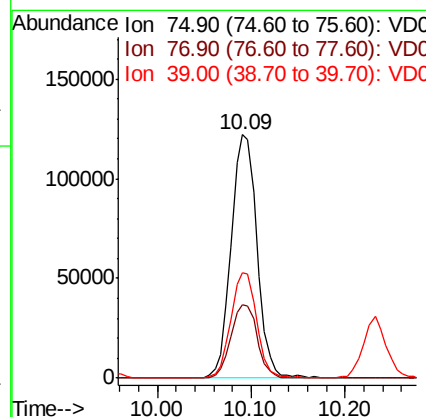
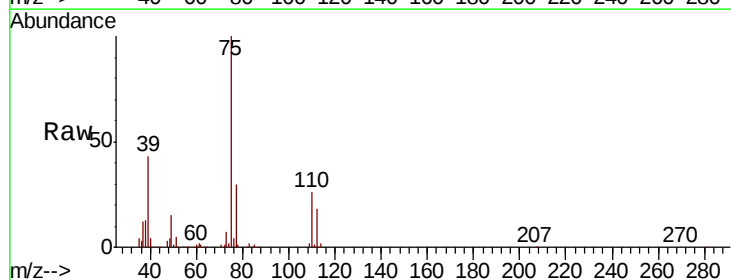
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

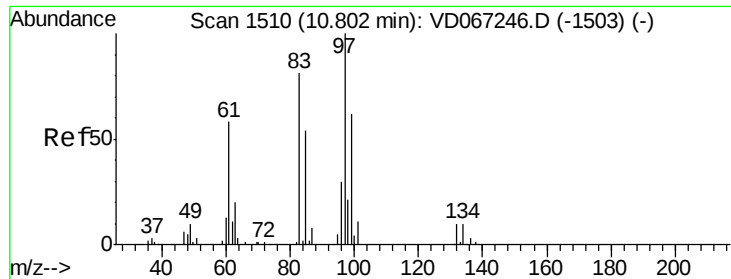
Tot Ion: 75 Resp: 199797
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 48.683 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

Tgt Ion: 75 Resp: 232553
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.5 36.7
 39 42.9 33.7 50.5

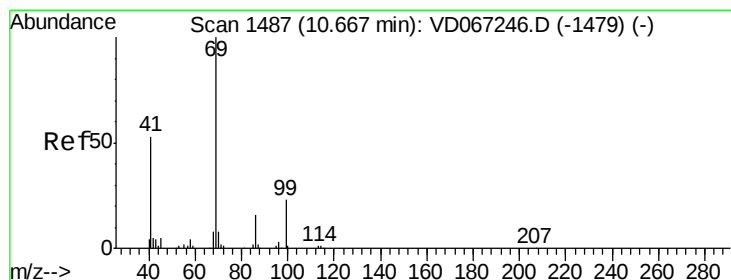
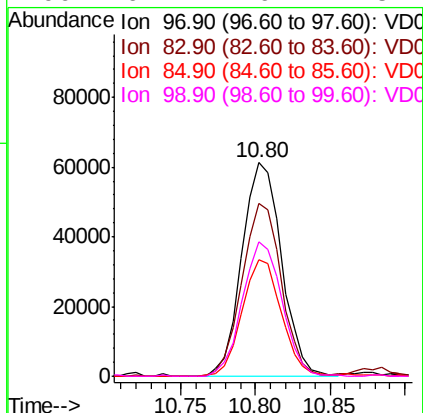
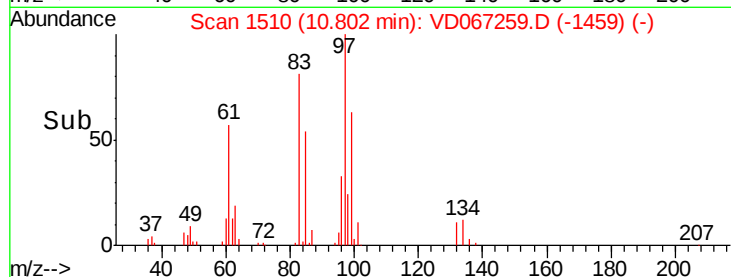
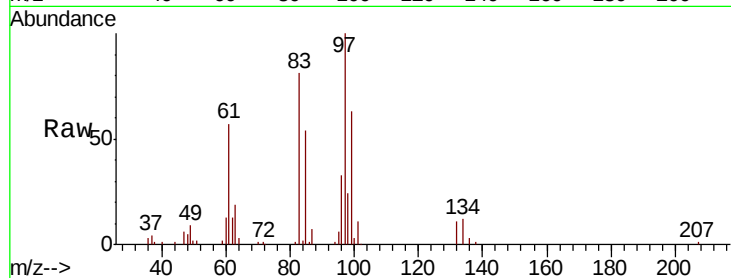




#55
 1,1,2-Trichloroethane
 Concen: 47.801 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

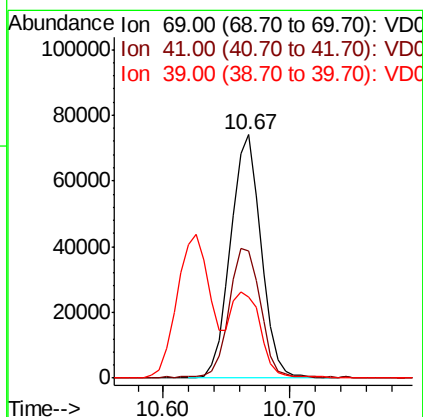
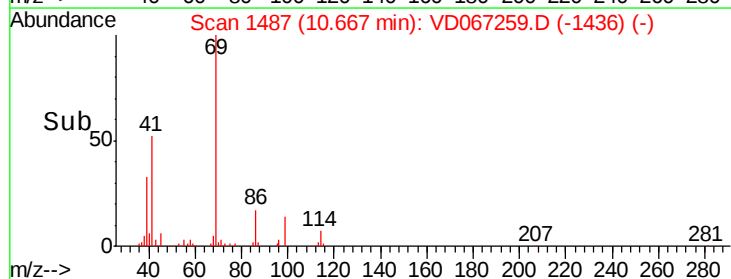
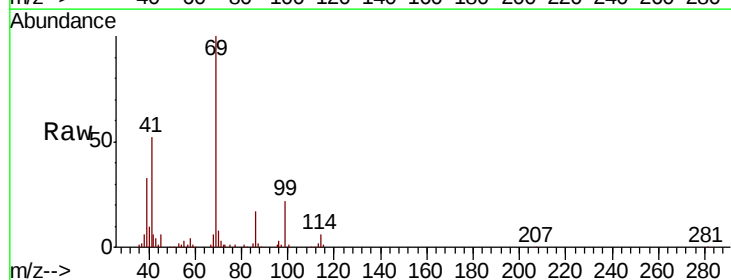
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

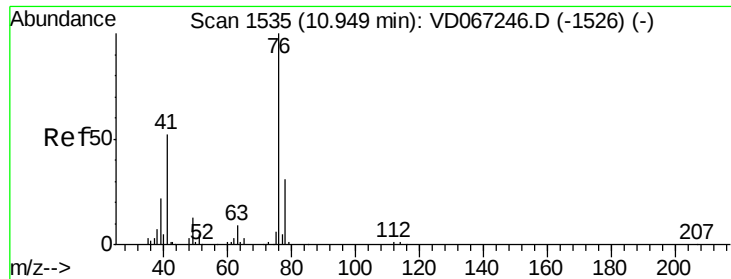
Tot Ion:	97	Resp:	113045
Ion	Ratio	Lower	Upper
97	100		
83	81.1	64.9	97.3
85	54.3	43.3	64.9
99	62.7	49.1	73.7



#56
 Ethyl methacrylate
 Concen: 50.326 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

Tgt Ion:	69	Resp:	123434
Ion	Ratio	Lower	Upper
69	100		
41	55.1	44.7	67.1
39	33.4	26.2	39.2





#57

1,3-Dichloropropane

Concen: 48.623 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

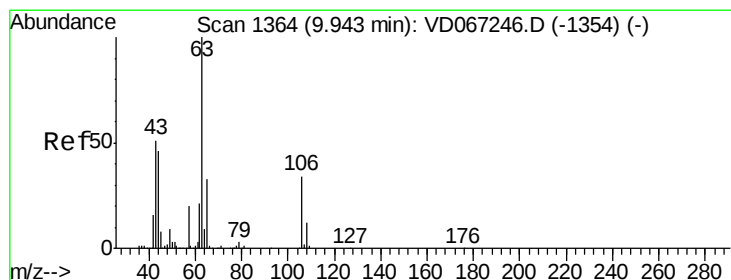
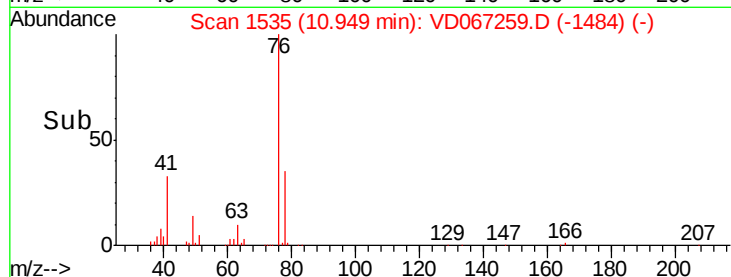
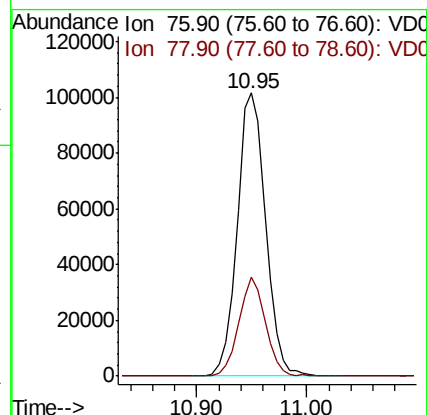
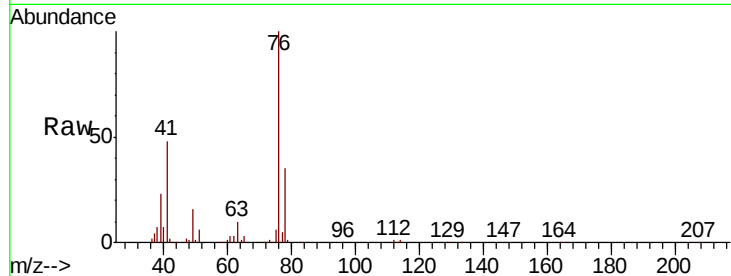
VSTDCCC050EC

Tot Ion: 76 Resp: 182996

Ion Ratio Lower Upper

76 100

78 32.9 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 252.485 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067259.D

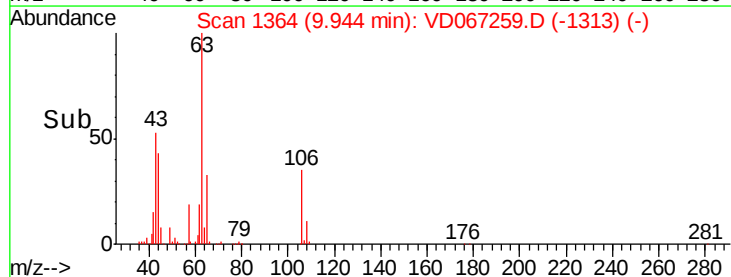
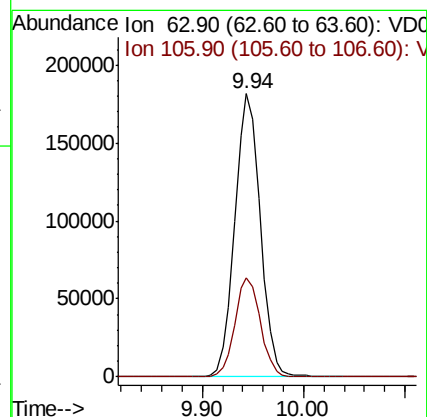
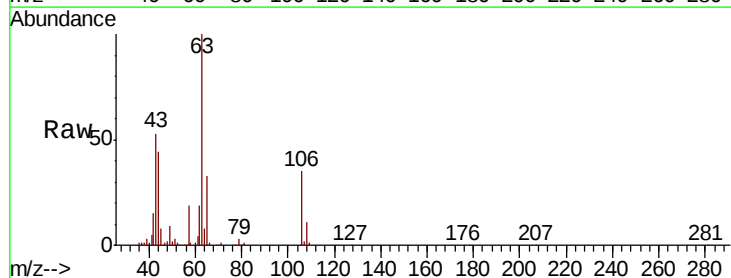
Acq: 13 Oct 2020 18:25

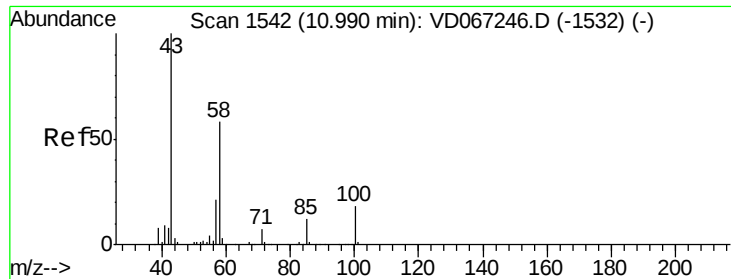
Tgt Ion: 63 Resp: 317682

Ion Ratio Lower Upper

63 100

106 35.0 27.8 41.6

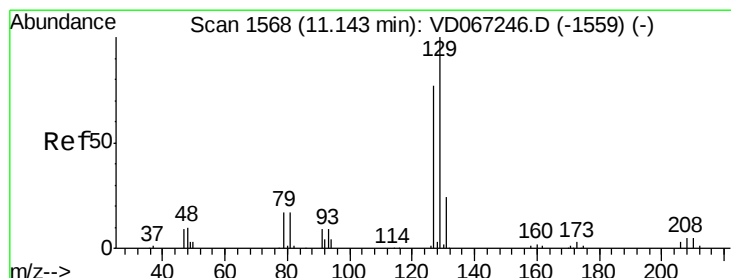
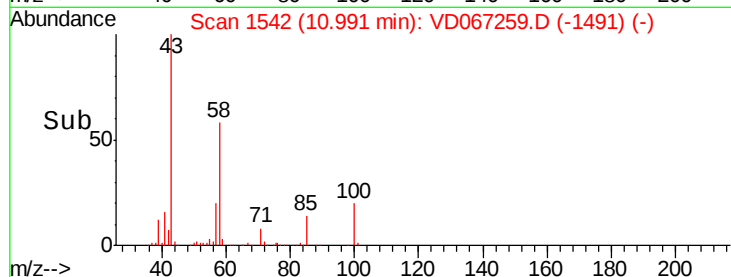
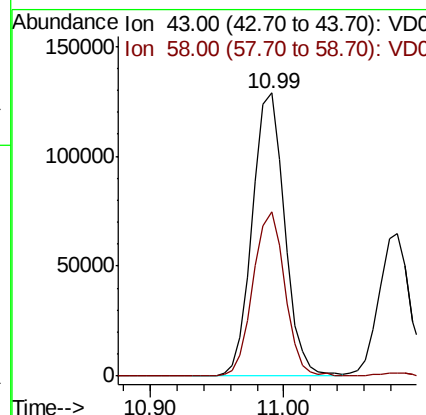
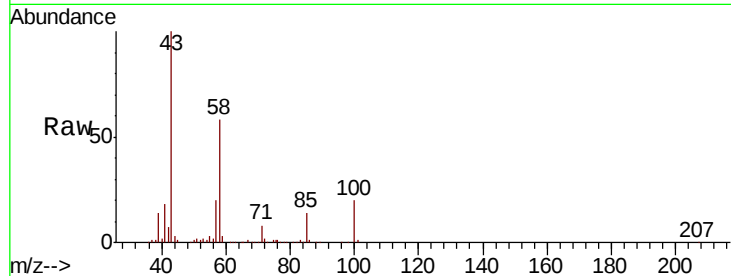




#59
2-Hexanone
Concen: 246.688 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

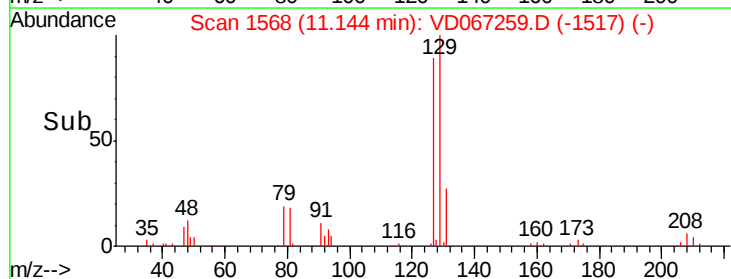
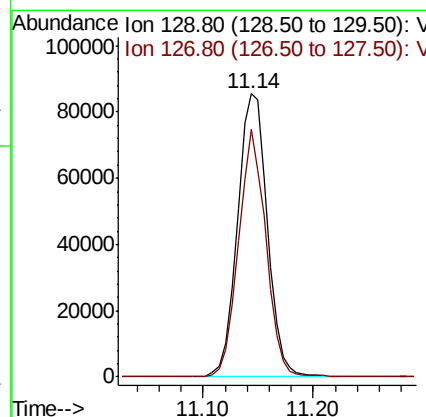
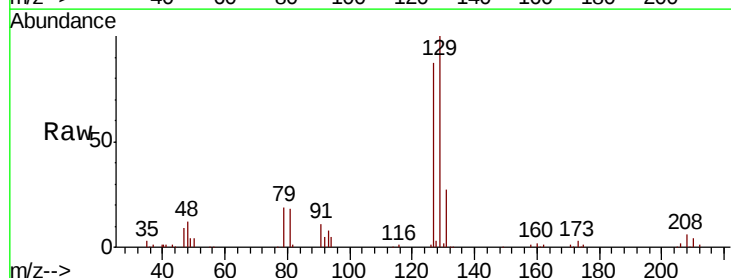
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

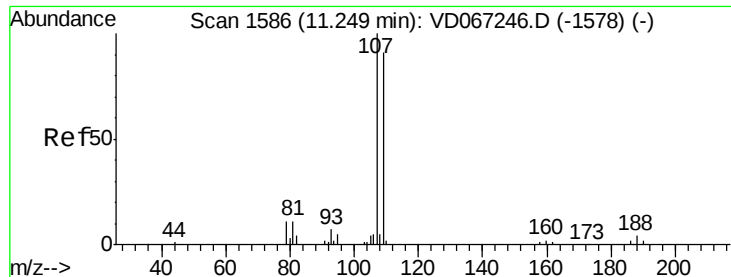
Tot Ion: 43 Resp: 214891
Ion Ratio Lower Upper
43 100
58 57.5 29.3 87.9



#60
Dibromochloromethane
Concen: 47.061 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

Tgt Ion: 129 Resp: 162308
Ion Ratio Lower Upper
129 100
127 80.0 38.3 114.8

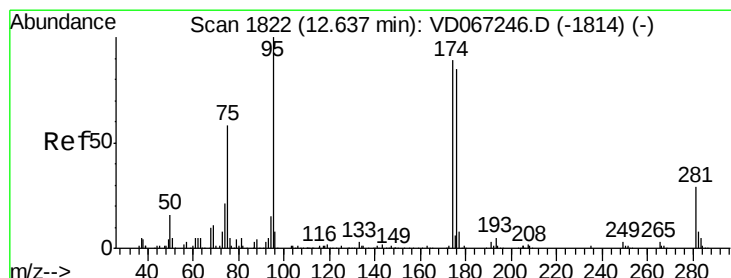
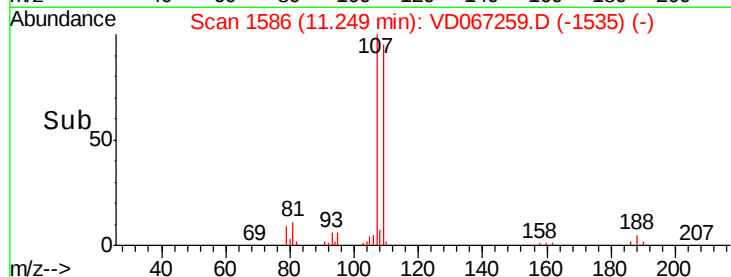
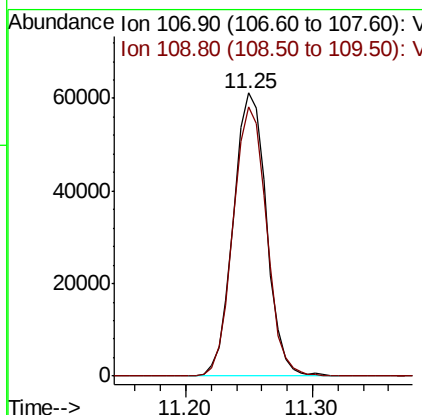
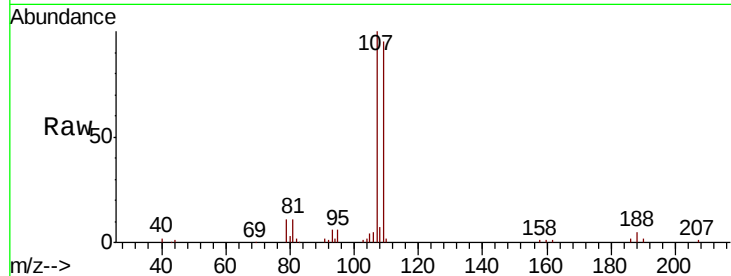




#61
 1,2-Dibromoethane
 Concen: 47.485 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

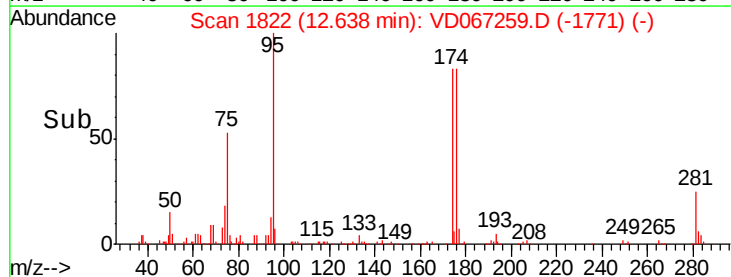
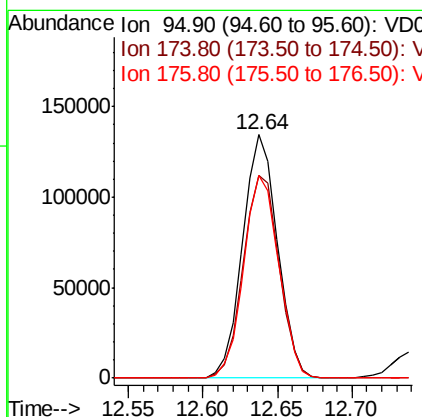
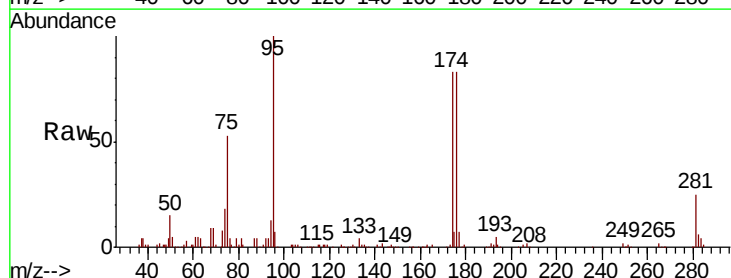
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

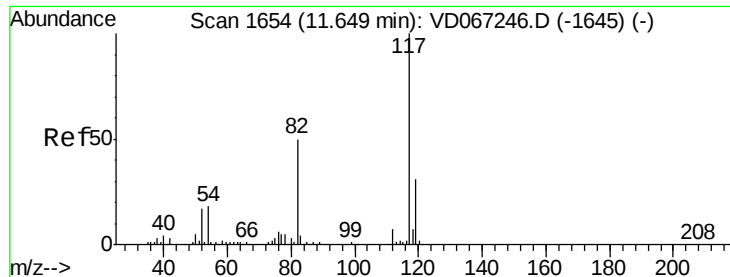
Tot Ion: 107 Resp: 110710
 Ion Ratio Lower Upper
 107 100
 109 95.8 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 50.174 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

Tgt Ion: 95 Resp: 217039
 Ion Ratio Lower Upper
 95 100
 174 85.7 0.0 175.2
 176 83.9 0.0 168.6

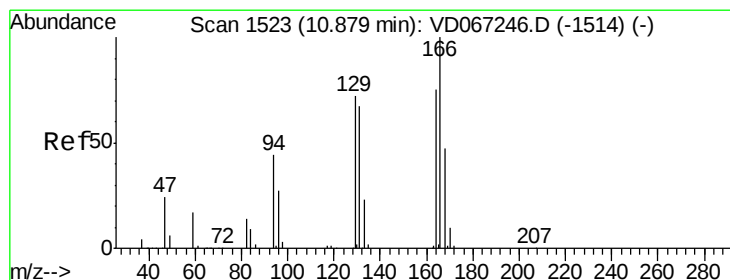
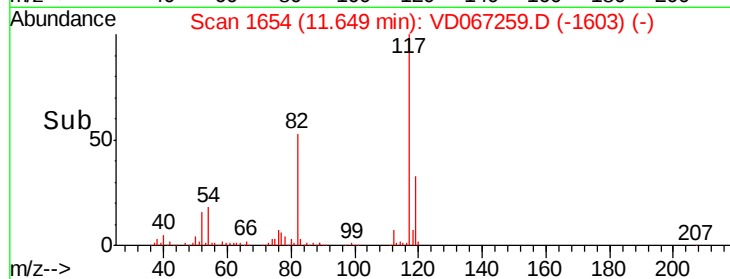
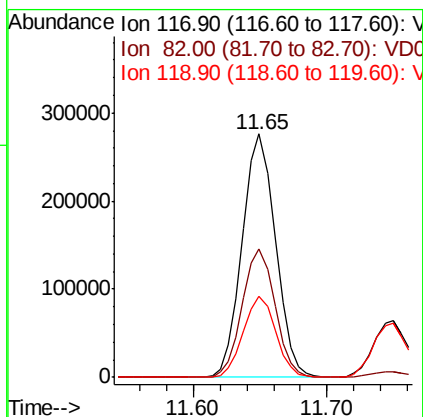
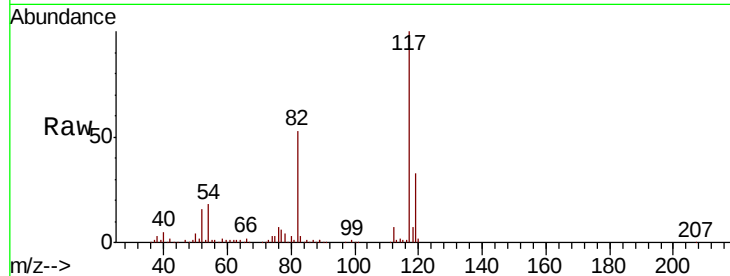




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

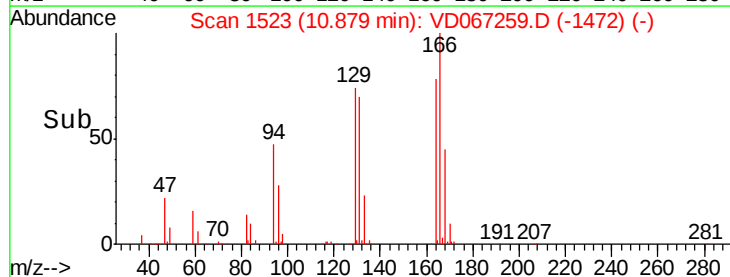
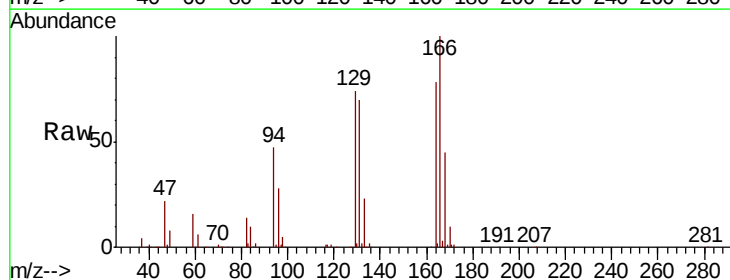
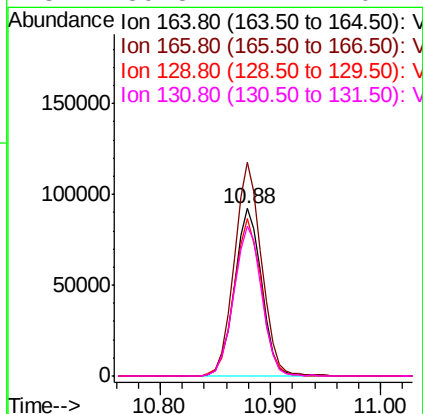
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

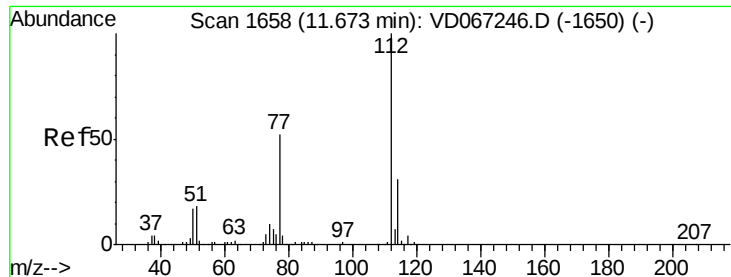
Tot Ion:117 Resp: 479625
Ion Ratio Lower Upper
117 100
82 52.7 39.9 59.9
119 33.0 24.9 37.3



#64
Tetrachloroethene
Concen: 45.953 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

Tgt Ion:164 Resp: 159689
Ion Ratio Lower Upper
164 100
166 127.6 107.3 160.9
129 94.4 77.3 115.9
131 89.8 71.4 107.2

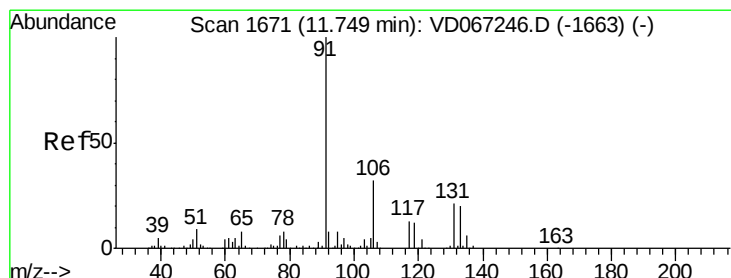
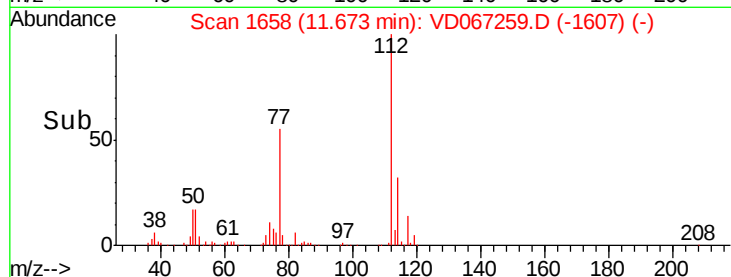
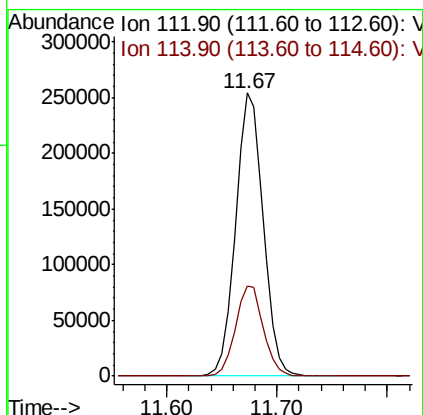
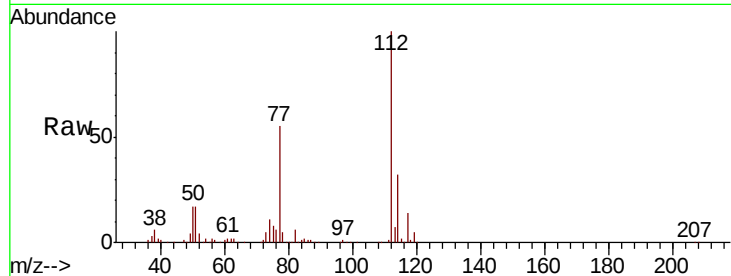




#65
Chlorobenzene
Concen: 48.397 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

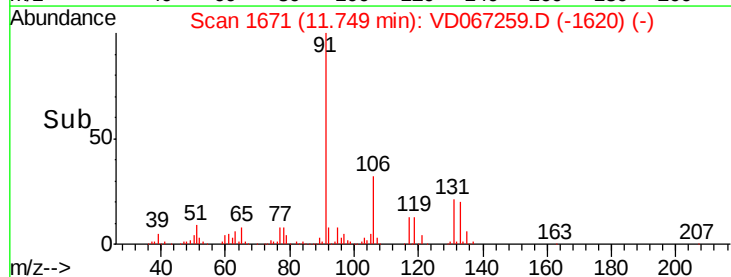
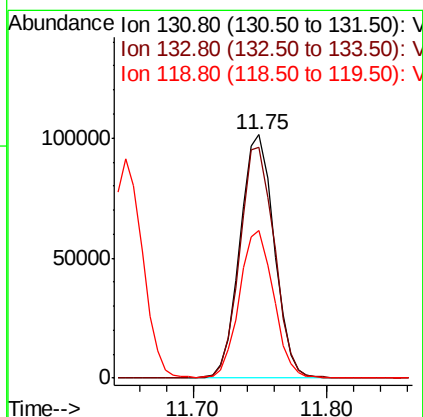
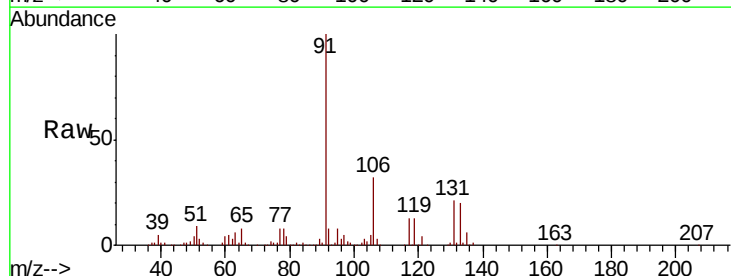
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

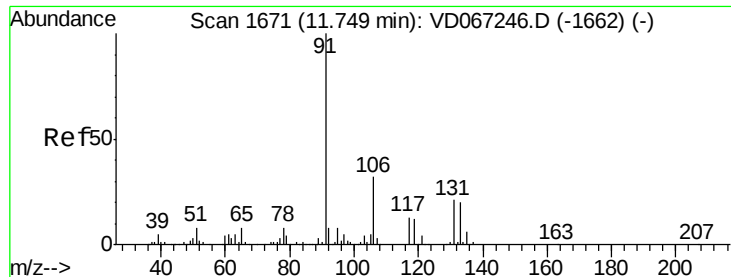
Tot Ion:112 Resp: 445125
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.094 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

Tgt Ion:131 Resp: 179459
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.3
119 60.4 30.0 90.0





#67

Ethyl Benzene

Concen: 49.408 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

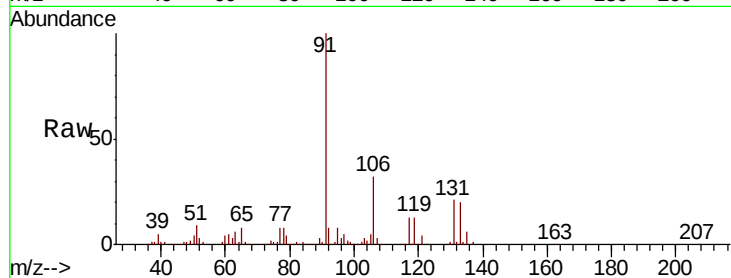
VSTDCCC050EC

Tot Ion: 91 Resp: 778966

Ion Ratio Lower Upper

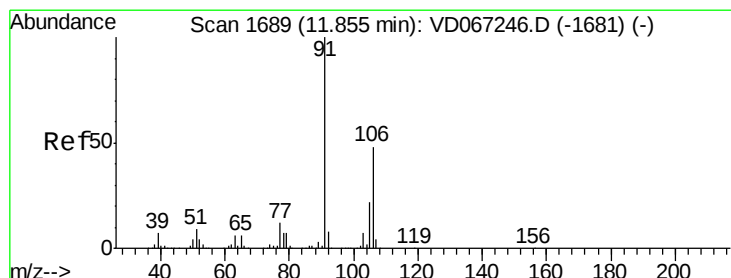
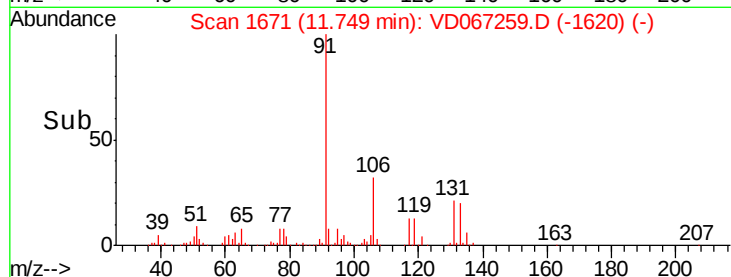
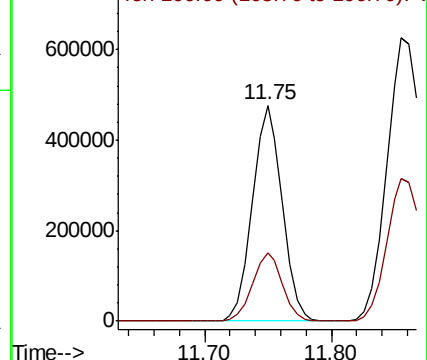
91 100

106 31.5 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 100.738 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067259.D

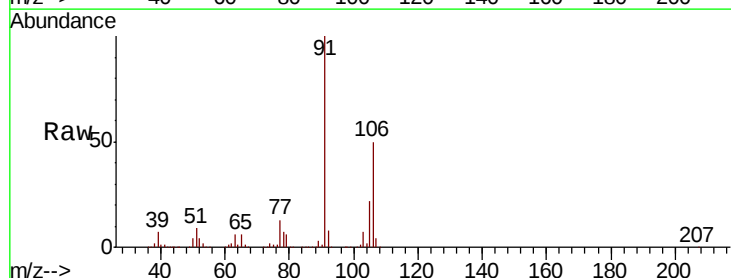
Acq: 13 Oct 2020 18:25

Tgt Ion: 106 Resp: 611603

Ion Ratio Lower Upper

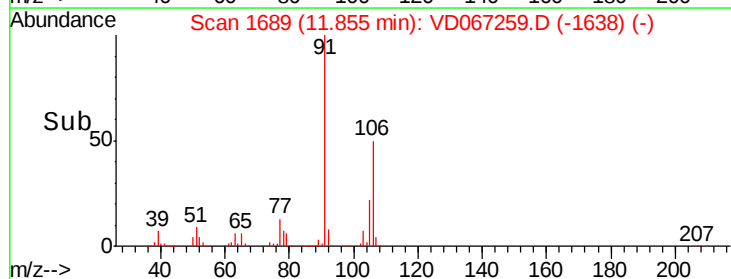
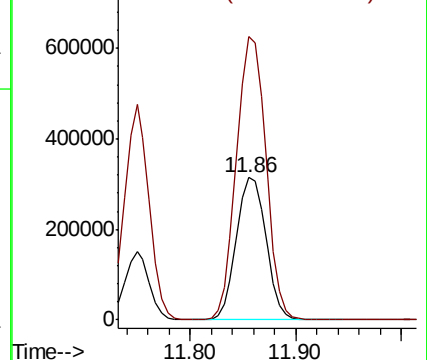
106 100

91 198.4 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

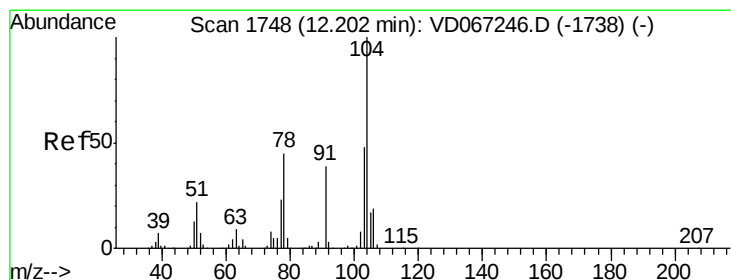
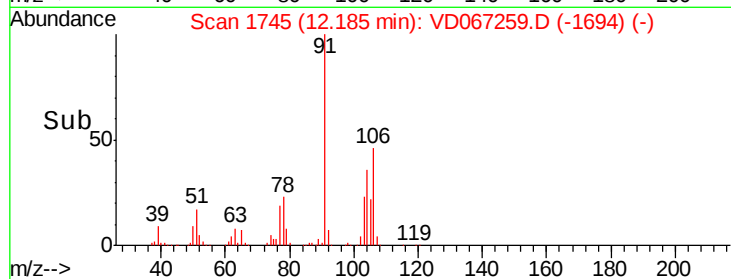
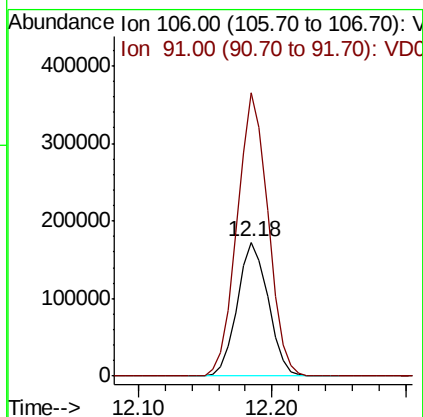
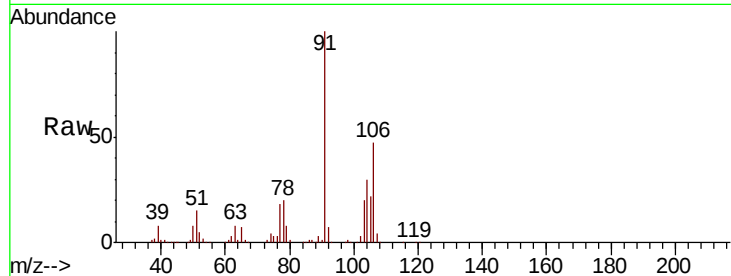




#69
o-Xylene
Concen: 49.099 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

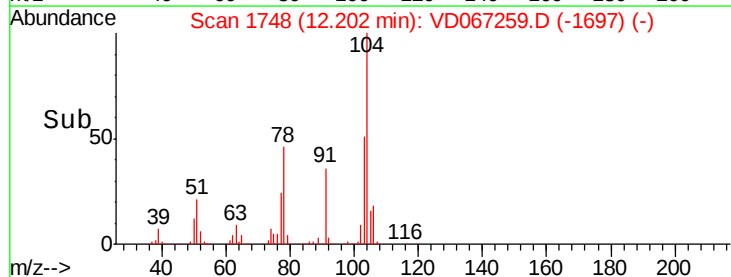
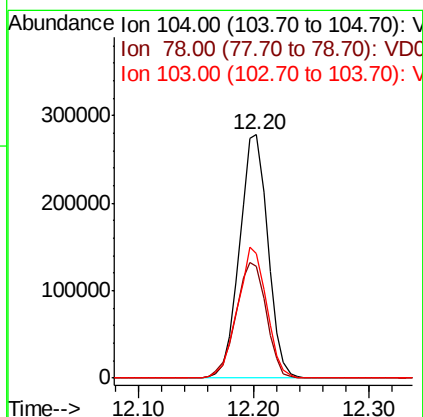
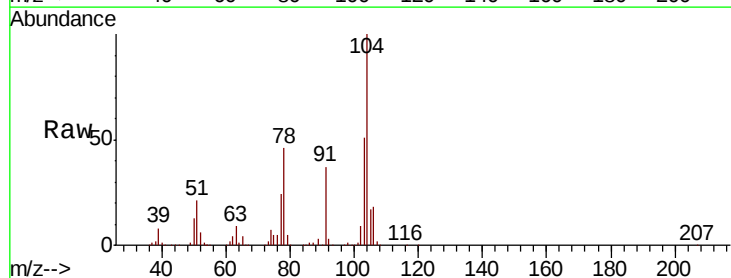
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

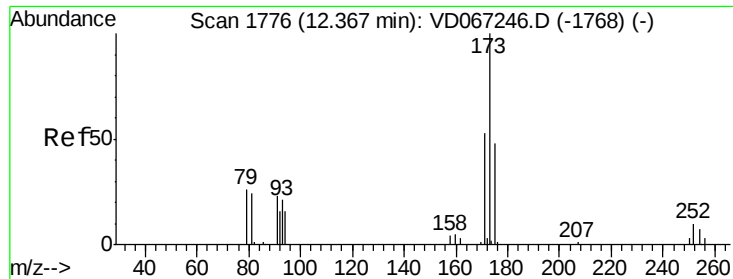
Tot Ion:106 Resp: 276036
Ion Ratio Lower Upper
106 100
91 212.0 109.1 327.3



#70
Styrene
Concen: 48.944 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

Tgt Ion:104 Resp: 473672
Ion Ratio Lower Upper
104 100
78 51.2 39.8 59.6
103 55.3 42.6 64.0





#71

Bromoform

Concen: 47.660 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

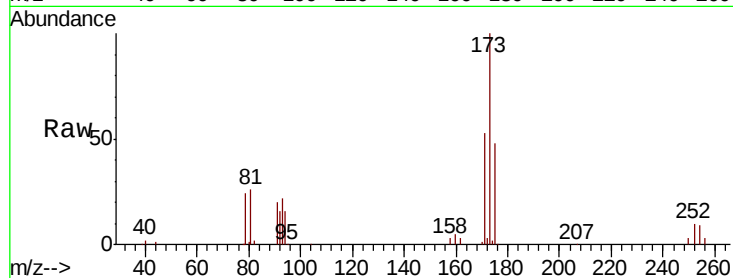
Tot Ion:173 Resp: 93594

Ion Ratio Lower Upper

173 100

175 48.2 24.2 72.6

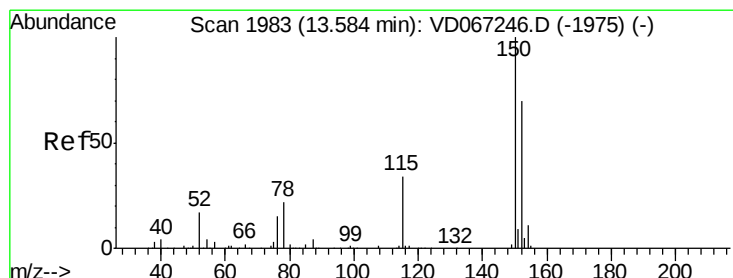
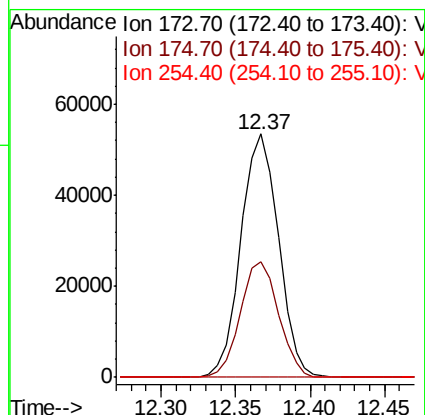
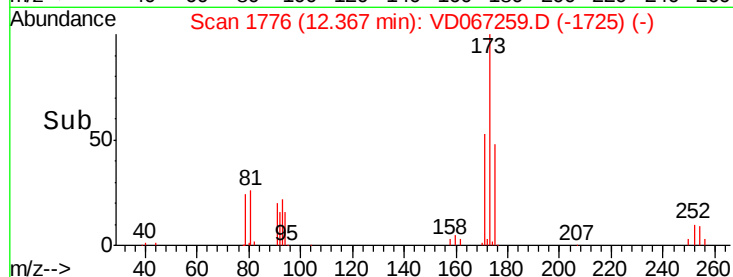
254 0.0 0.1 0.1#



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# 1983

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

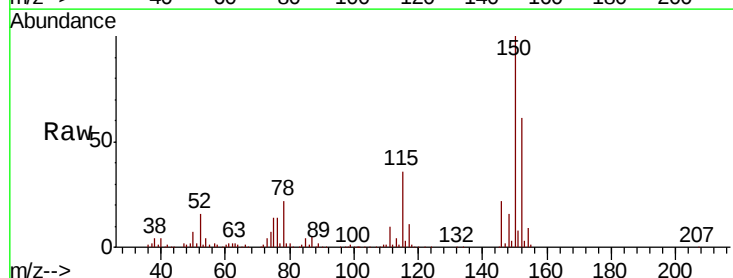
Tgt Ion:152 Resp: 238793

Ion Ratio Lower Upper

152 100

115 60.5 29.3 87.9

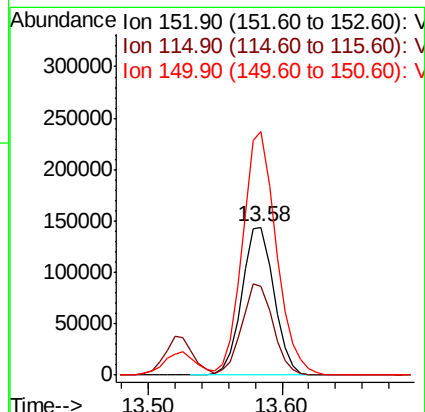
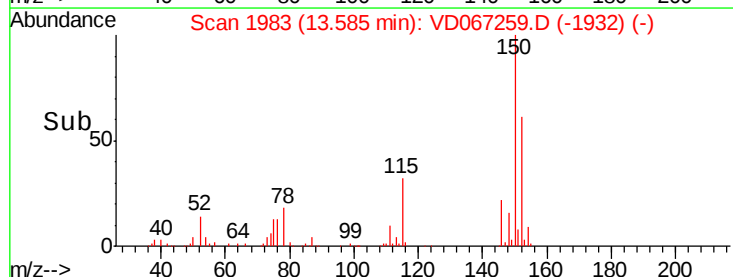
150 172.6 0.0 339.0

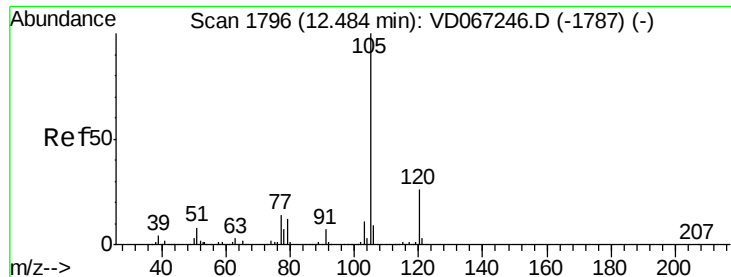


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.204 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

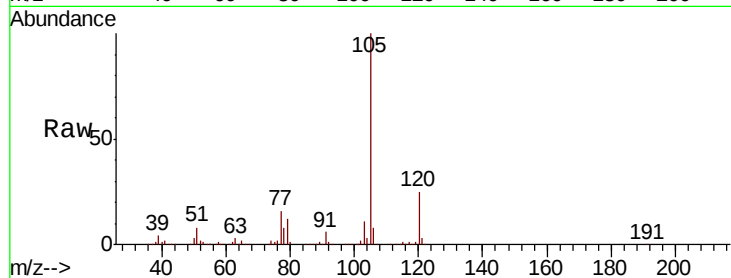
VSTDCCC050EC

Tot Ion:105 Resp: 776019

Ion Ratio Lower Upper

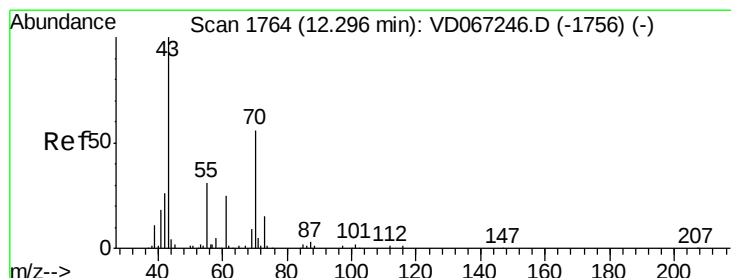
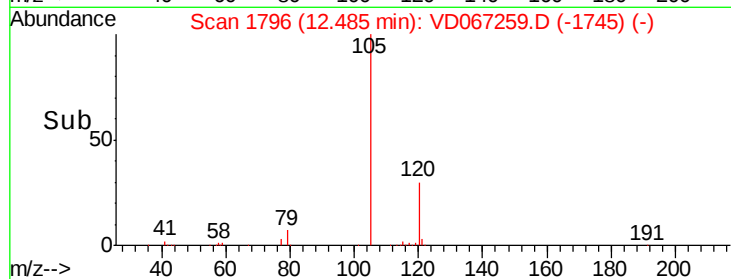
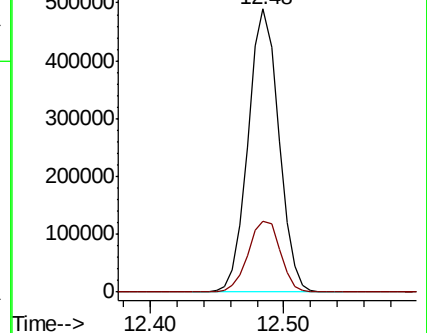
105 100

120 26.3 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: 50.209 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Tgt Ion: 43 Resp: 114927

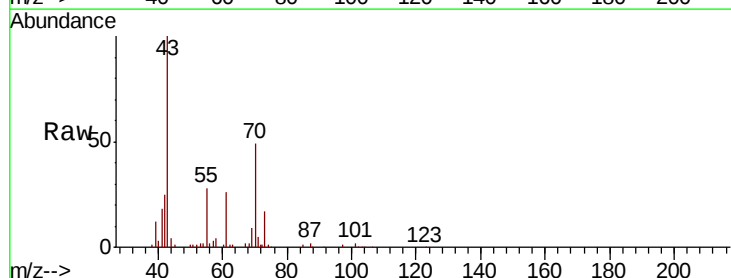
Ion Ratio Lower Upper

43 100

70 52.5 42.7 64.1

55 28.3 24.0 36.0

61 27.4 22.2 33.4

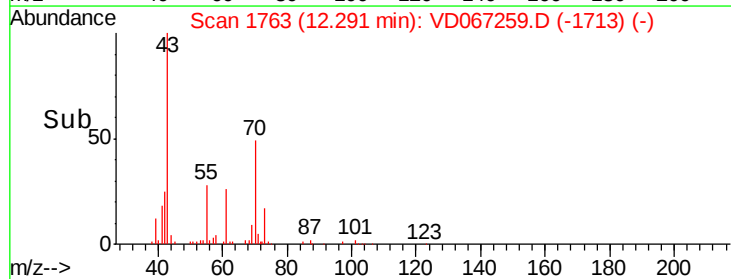
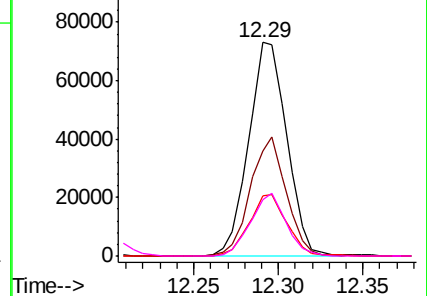


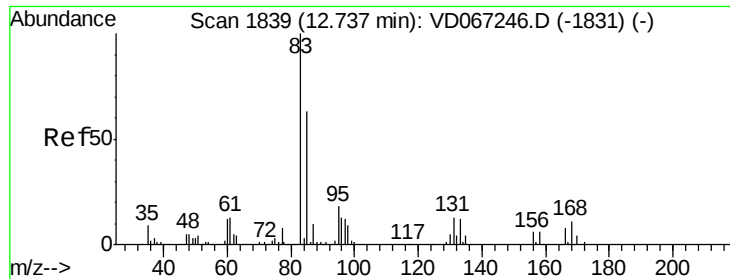
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

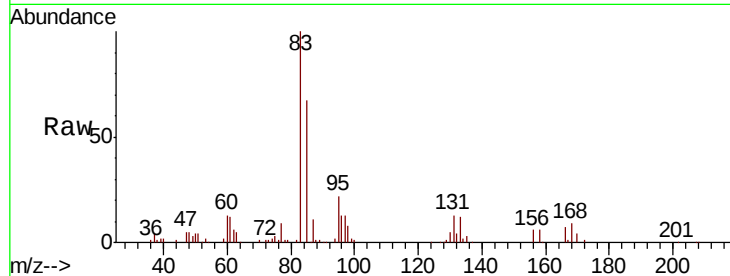




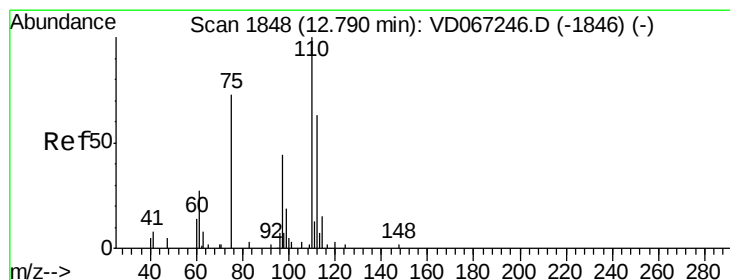
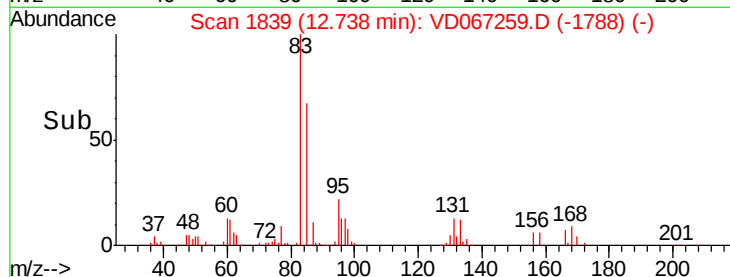
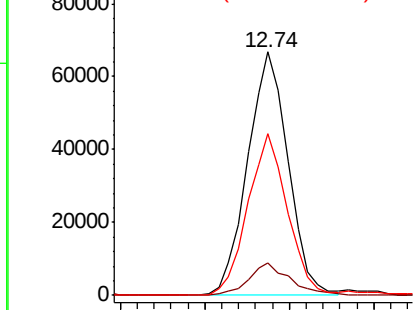
#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.954 ug/l
 RT: 12.74 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 83 Resp: 111356
 Ion Ratio Lower Upper
 83 100
 131 13.7 6.5 19.5
 85 64.8 32.6 97.7

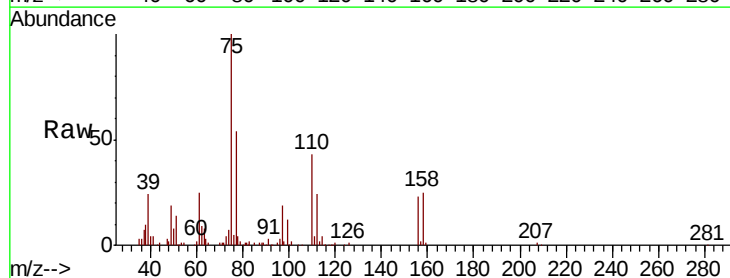


Abundance Ion 82.90 (82.60 to 83.60): VDC
 Ion 130.80 (130.50 to 131.50): VDC
 Ion 84.90 (84.60 to 85.60): VDC

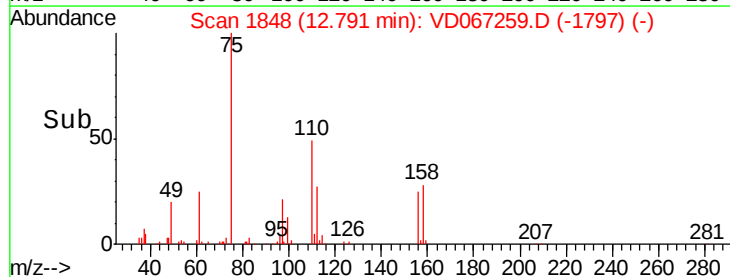
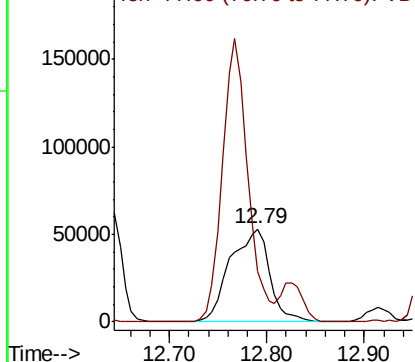


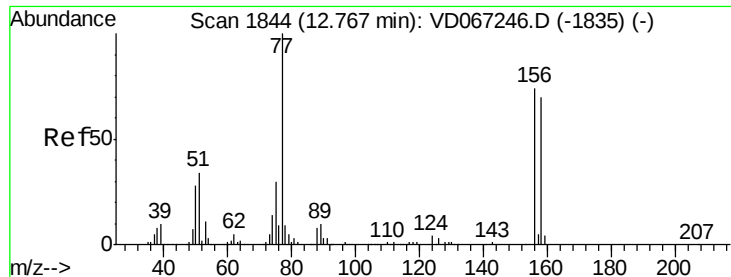
#76
 1,2,3-Trichloropropane
 Concen: 90.337 ug/l
 RT: 12.79 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

Tgt Ion: 75 Resp: 149514
 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: 49.220 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

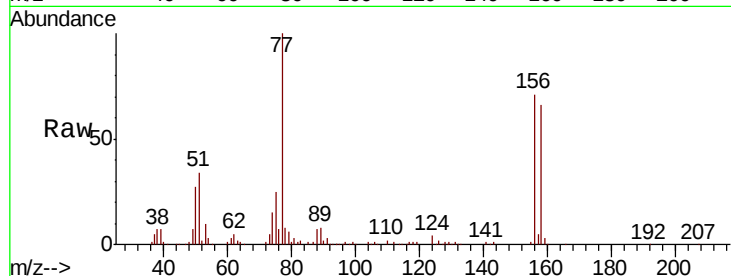
Tot Ion:156 Resp: 185971

Ion Ratio Lower Upper

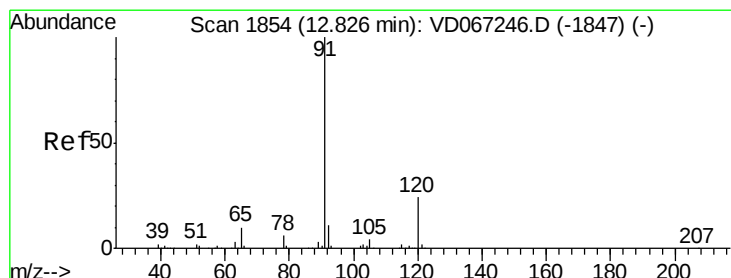
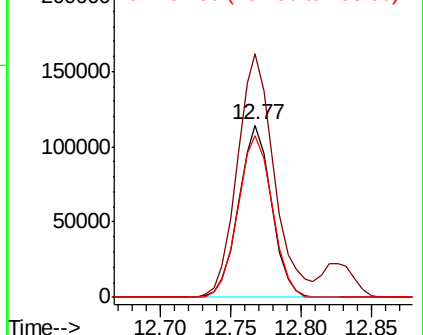
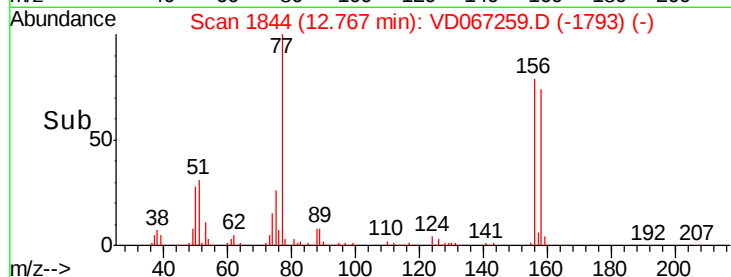
156 100

77 158.8 78.0 233.8

158 98.5 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: 50.572 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067259.D

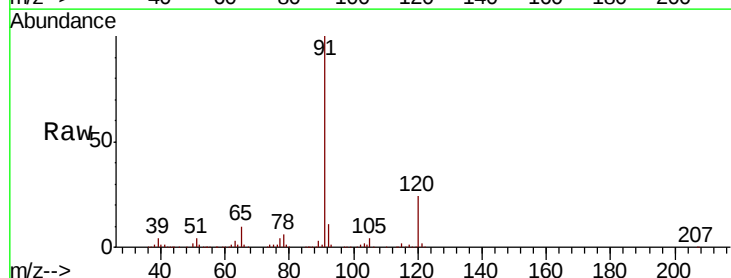
Acq: 13 Oct 2020 18:25

Tgt Ion: 91 Resp: 888013

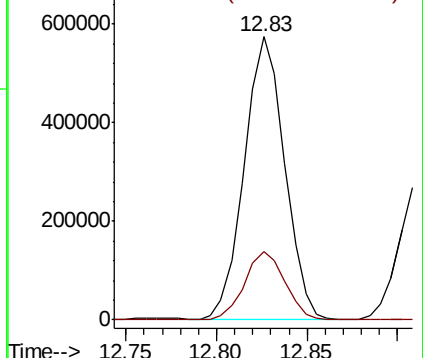
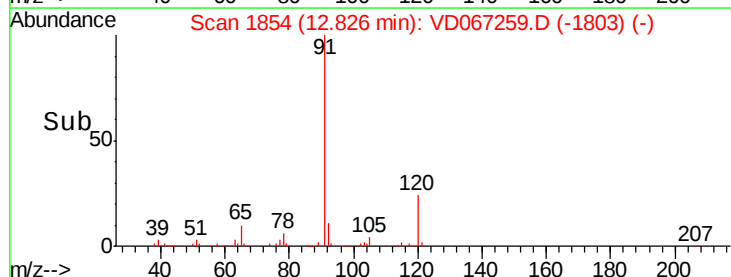
Ion Ratio Lower Upper

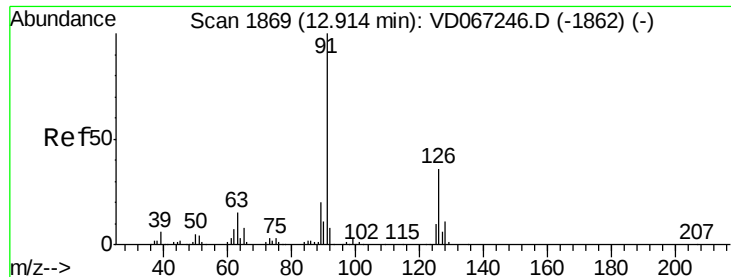
91 100

120 24.1 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: 49.624 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

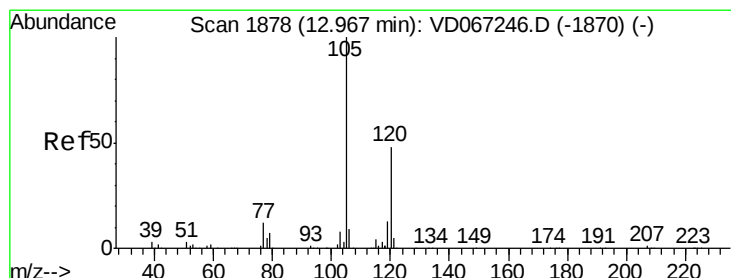
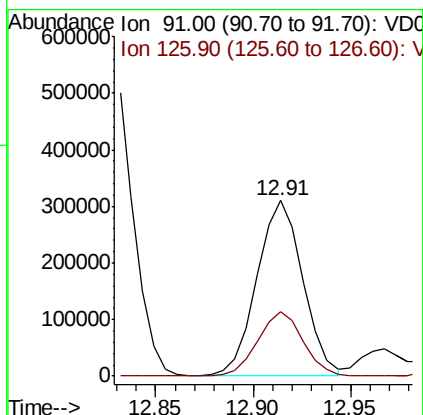
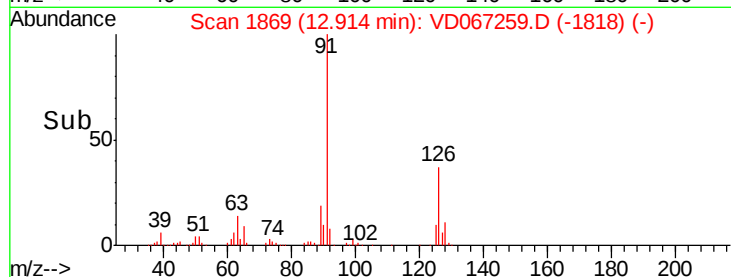
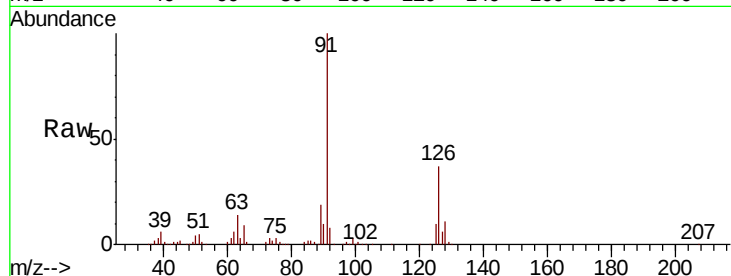
VSTDCCC050EC

Tot Ion: 91 Resp: 505321

Ion Ratio Lower Upper

91 100

126 36.3 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 50.919 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067259.D

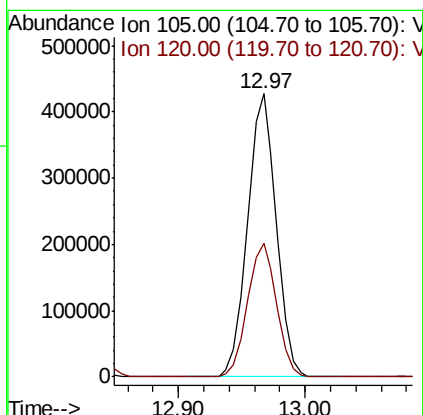
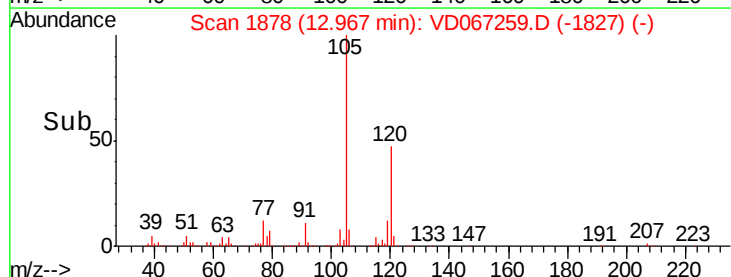
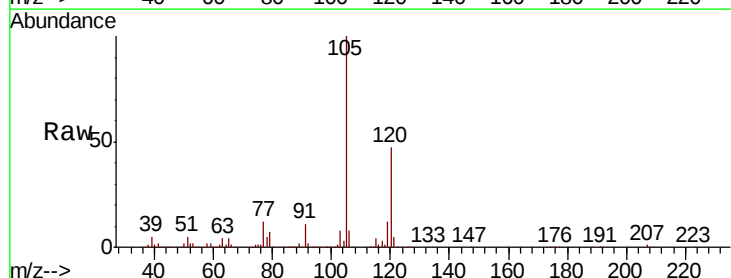
Acq: 13 Oct 2020 18:25

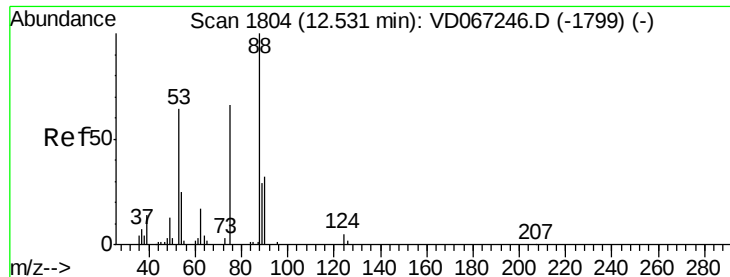
Tgt Ion: 105 Resp: 670599

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.8

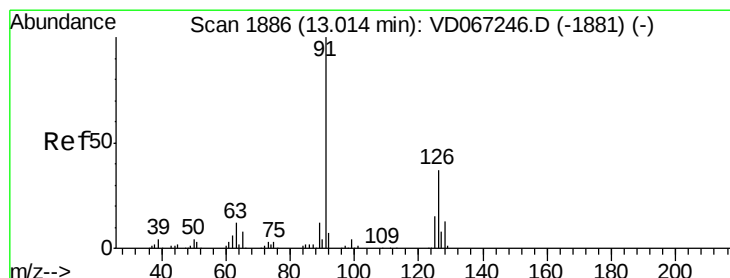
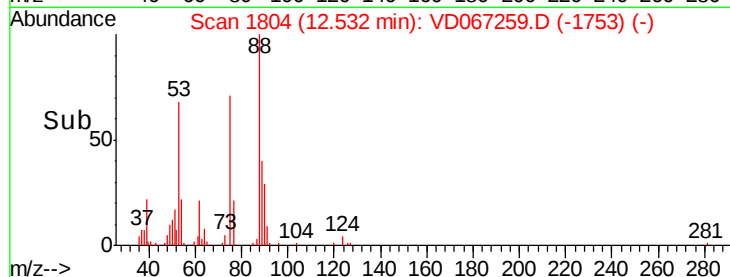
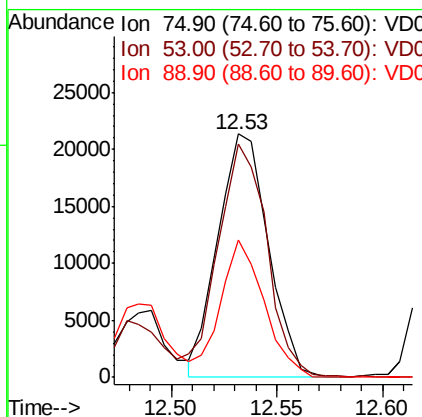
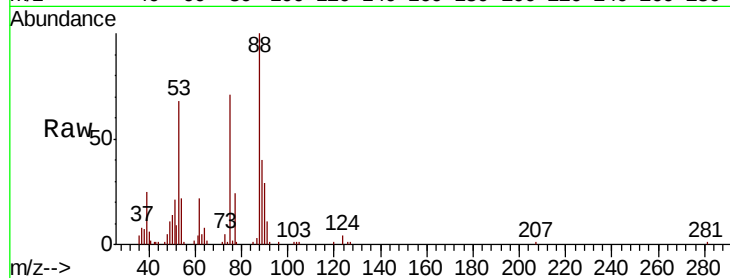




#81
trans-1,4-Dichloro-2-butene
Concen: 48.332 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

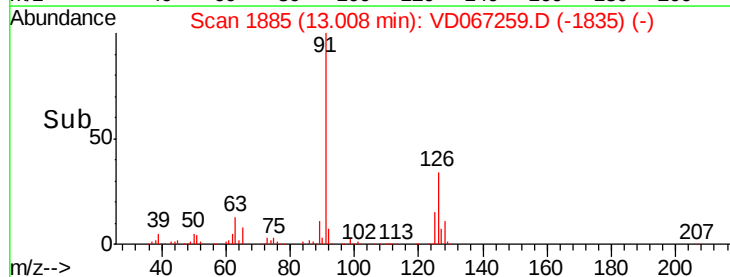
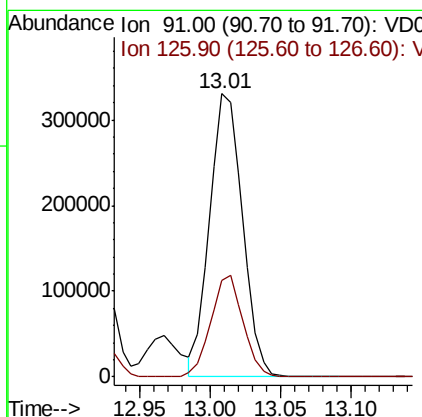
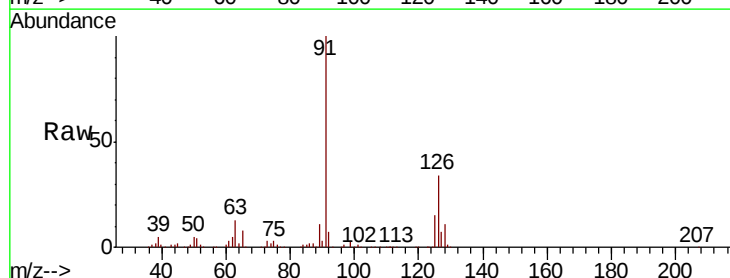
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

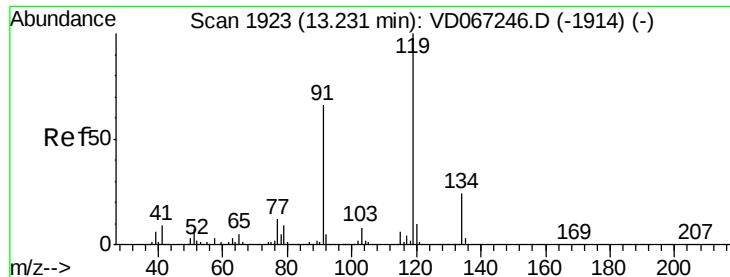
Tot Ion: 75 Resp: 35275
Ion Ratio Lower Upper
75 100
53 94.5 78.5 117.7
89 49.1 39.9 59.9



#82
4-Chlorotoluene
Concen: 49.525 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

Tgt Ion: 91 Resp: 535255
Ion Ratio Lower Upper
91 100
126 35.3 17.8 53.5

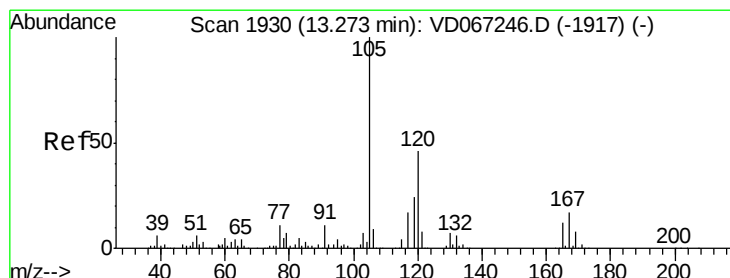
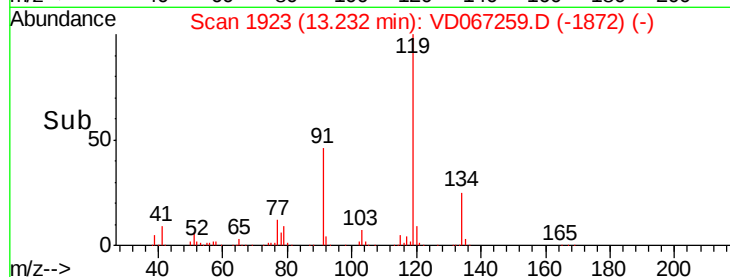
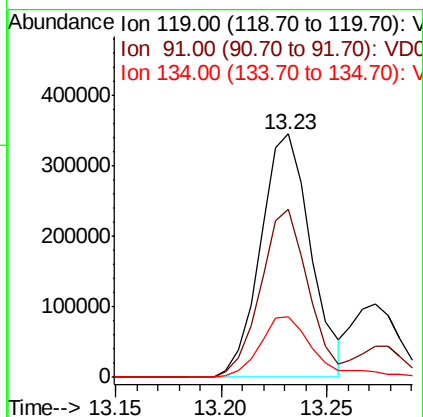
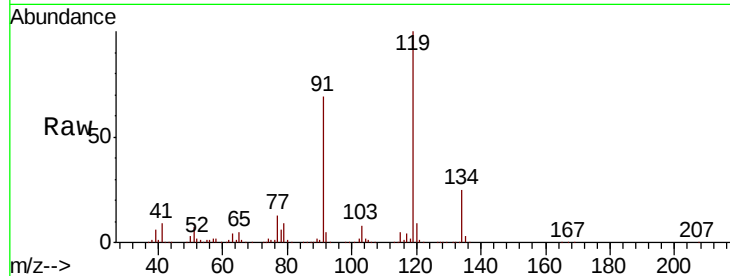




#83
tert-Butylbenzene
Concen: 51.406 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

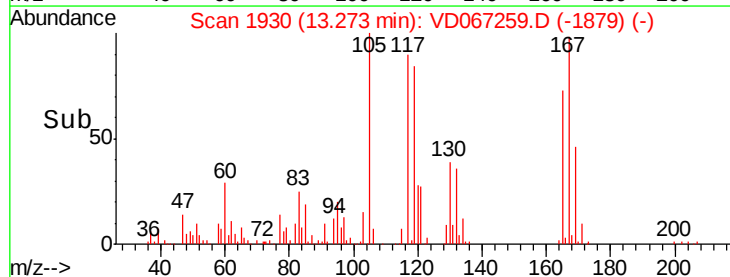
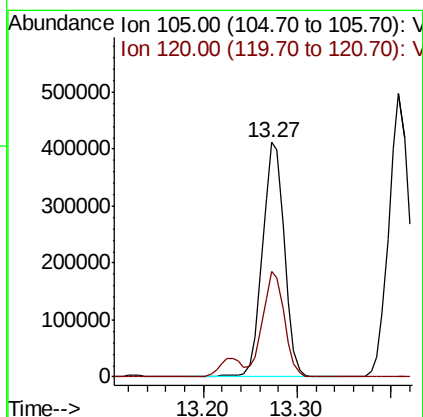
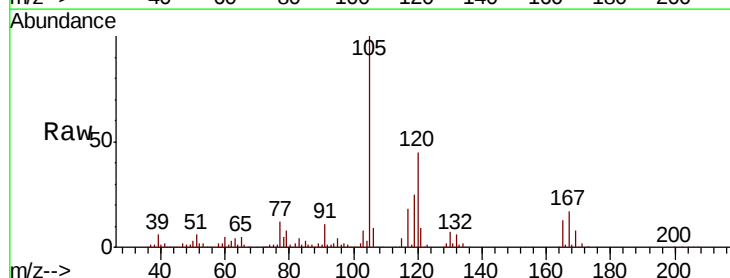
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

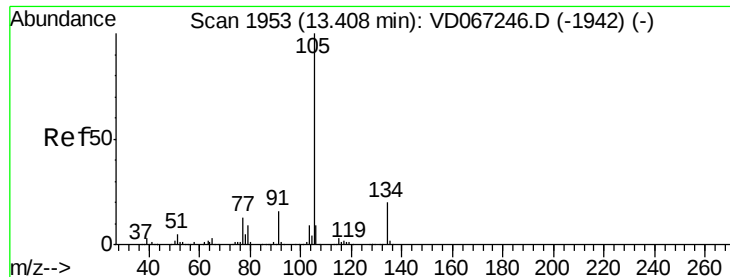
Tot Ion:119 Resp: 571886
Ion Ratio Lower Upper
119 100
91 65.4 33.1 99.2
134 26.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 50.886 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

Tgt Ion:105 Resp: 662367
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 49.713 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

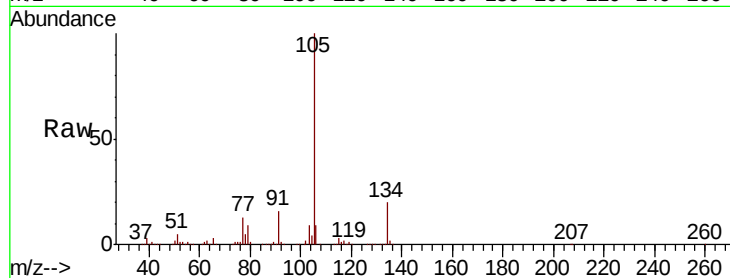
VSTDCCC050EC

Tot Ion:105 Resp: 758867

Ion Ratio Lower Upper

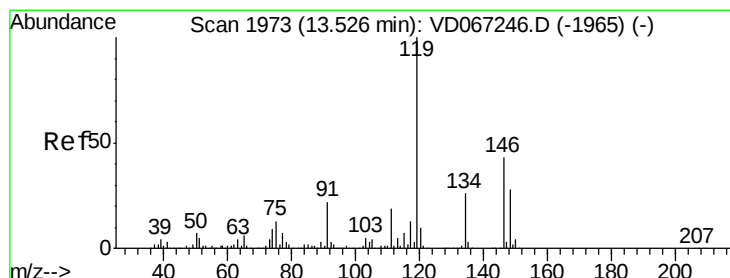
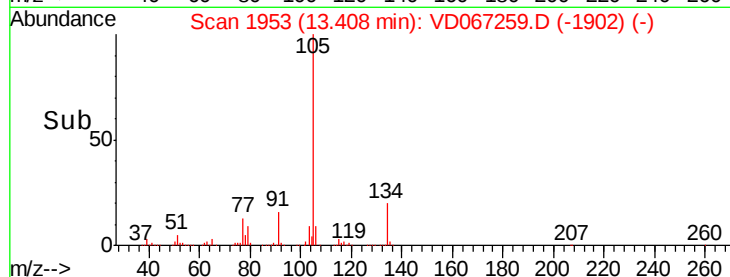
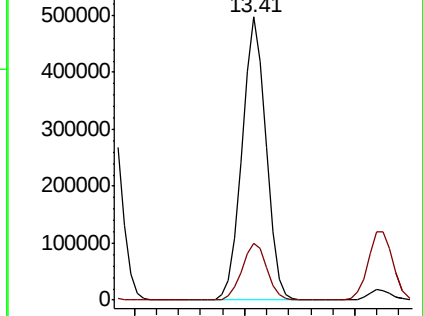
105 100

134 20.9 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.362 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

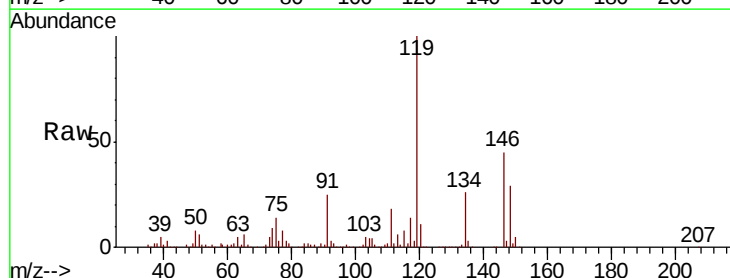
Tgt Ion:119 Resp: 725624

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

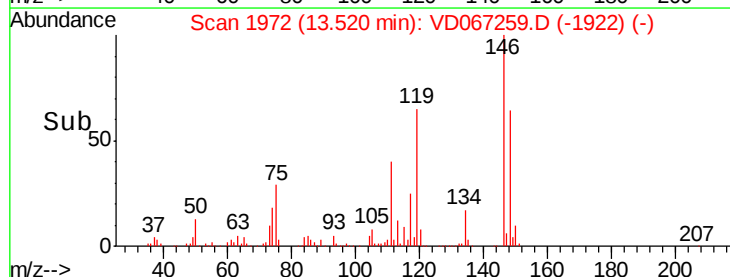
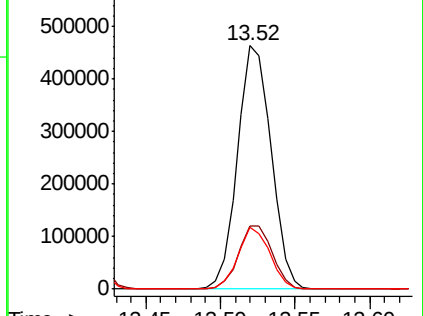
91 24.0 11.9 35.9

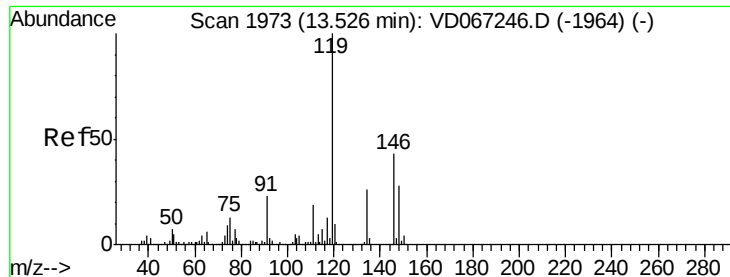


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.742 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

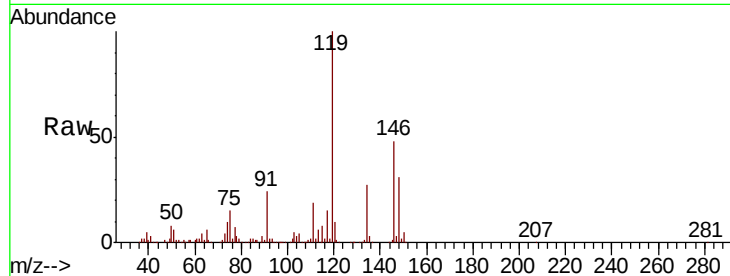
Tot Ion:146 Resp: 354477

Ion Ratio Lower Upper

146 100

111 40.1 21.1 63.3

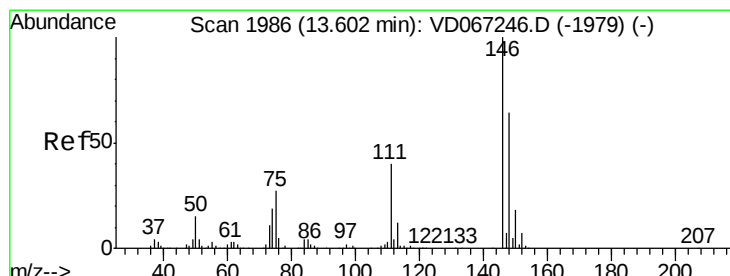
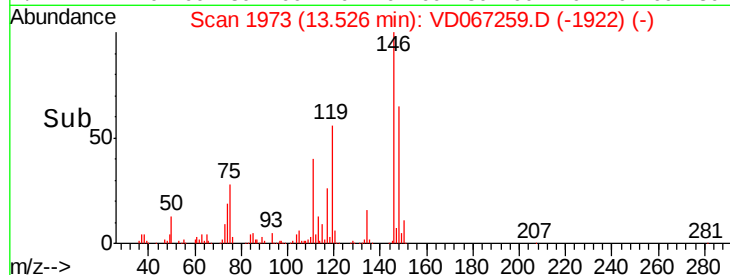
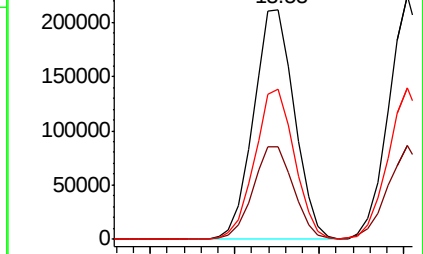
148 63.7 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.827 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

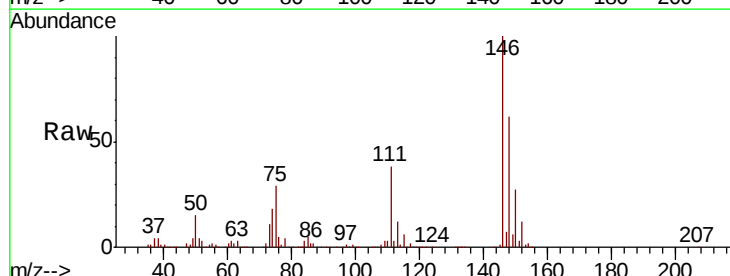
Tgt Ion:146 Resp: 351812

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

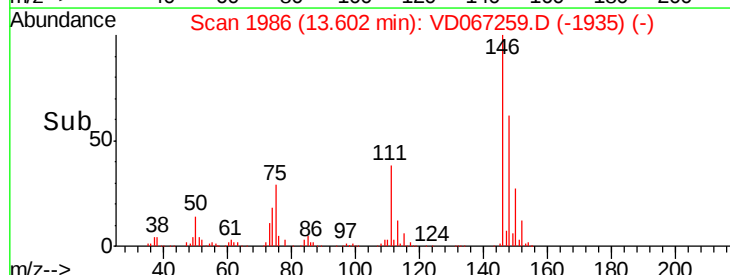
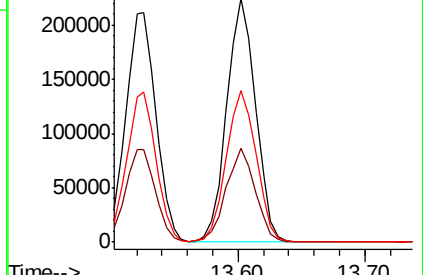
148 64.5 31.9 95.9

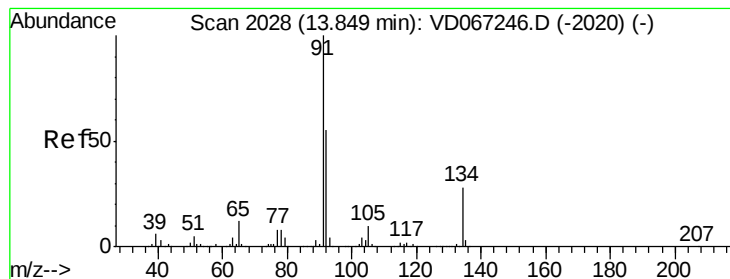


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.098 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

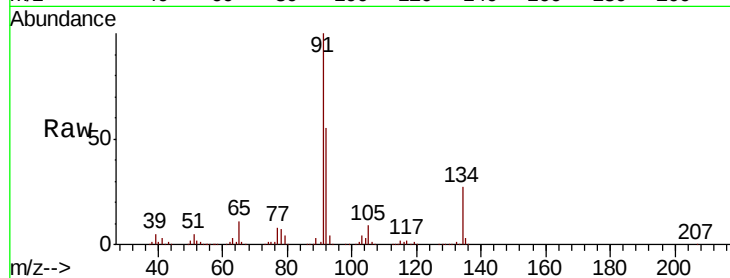
Tot Ion: 91 Resp: 635016

Ion Ratio Lower Upper

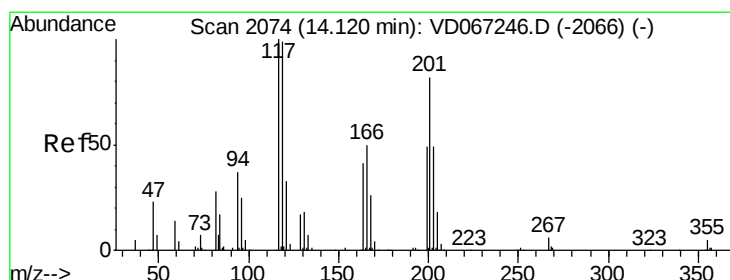
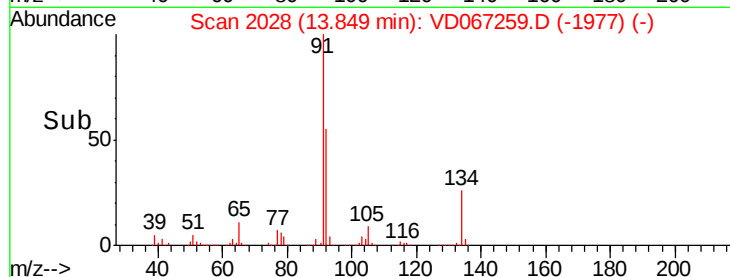
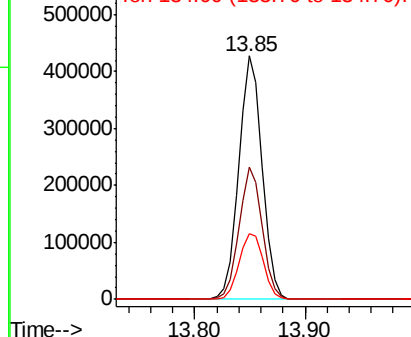
91 100

92 53.7 26.7 80.0

134 28.2 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 48.503 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.00 min

Lab File: VD067259.D

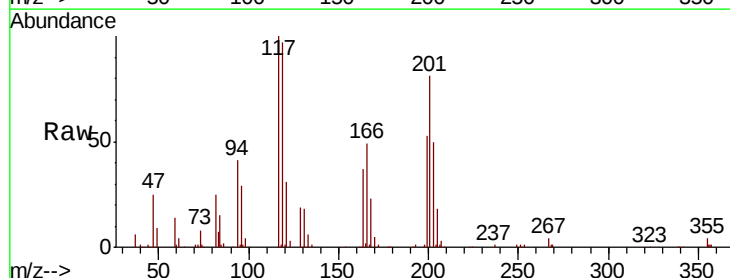
Acq: 13 Oct 2020 18:25

Tgt Ion: 117 Resp: 121951

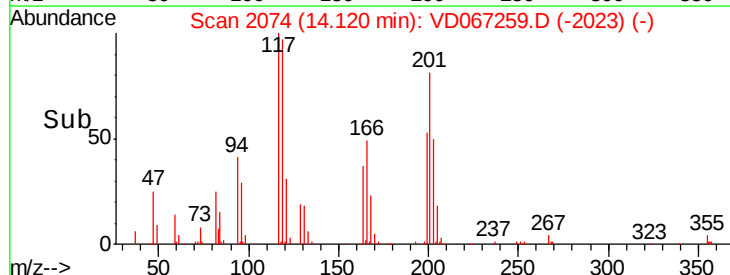
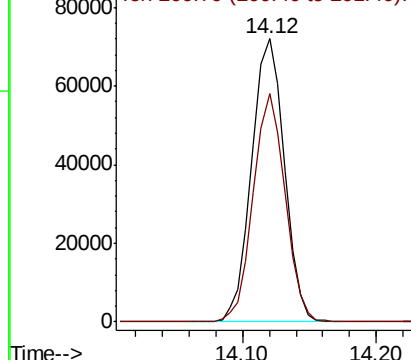
Ion Ratio Lower Upper

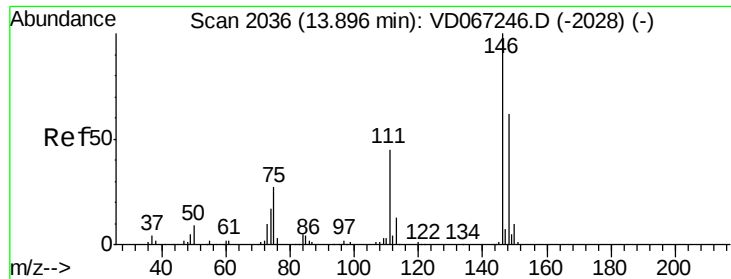
117 100

201 78.6 40.8 122.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 49.525 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

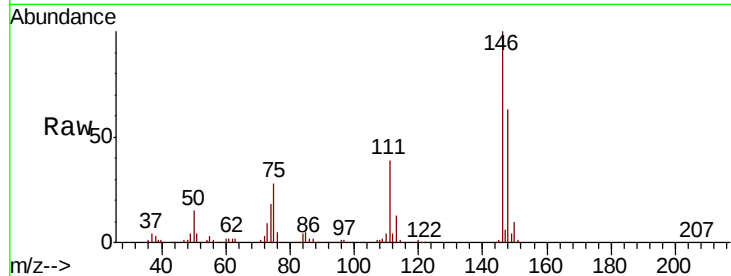
Tot Ion:146 Resp: 314645

Ion Ratio Lower Upper

146 100

111 40.2 22.0 66.0

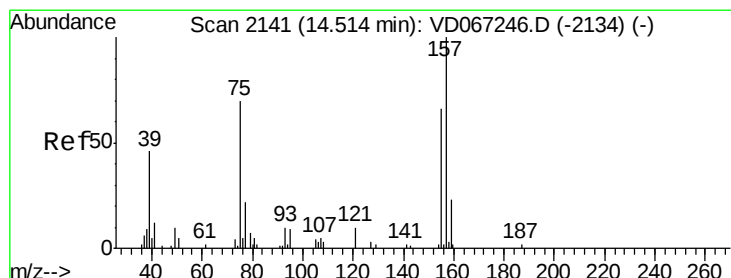
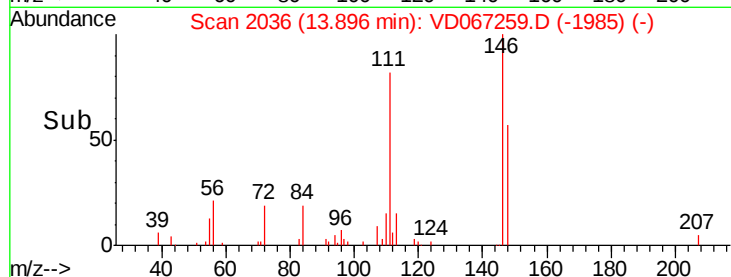
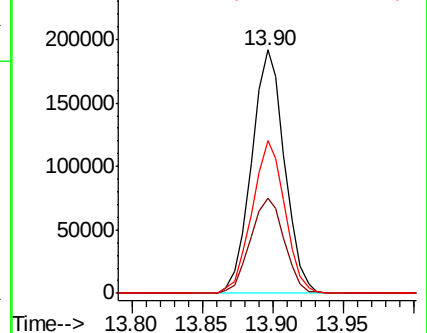
148 62.8 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.886 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD067259.D

Acq: 13 Oct 2020 18:25

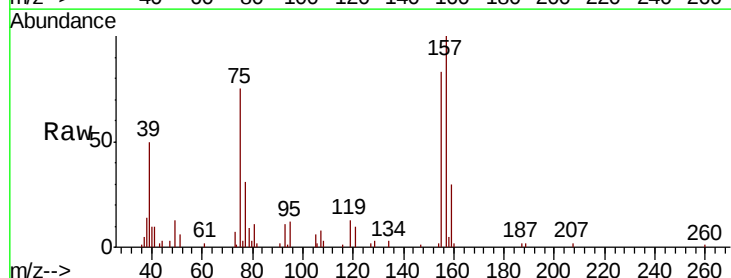
Tgt Ion: 75 Resp: 18936

Ion Ratio Lower Upper

75 100

155 91.3 44.8 134.4

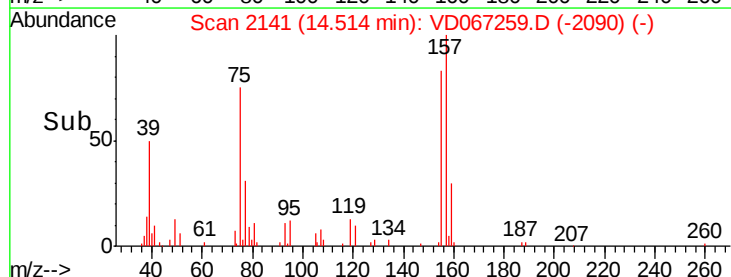
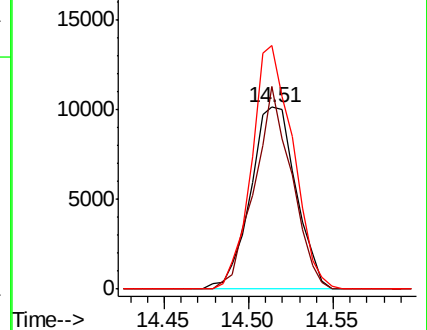
157 121.9 62.5 187.4

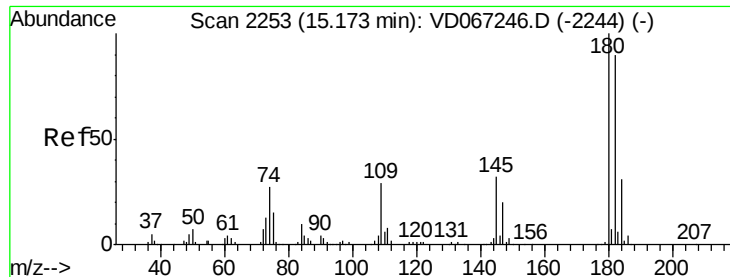


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

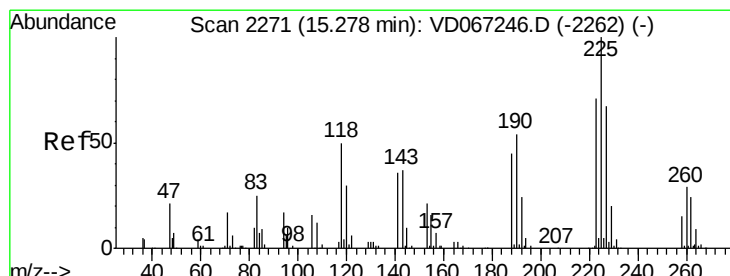
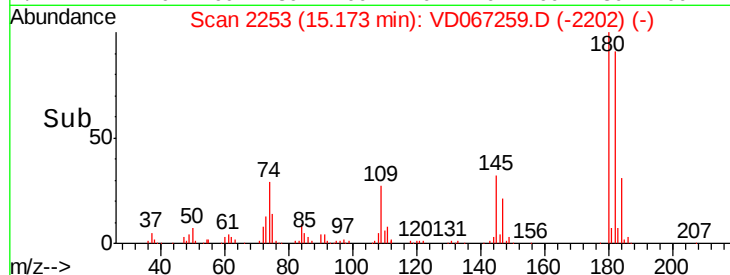
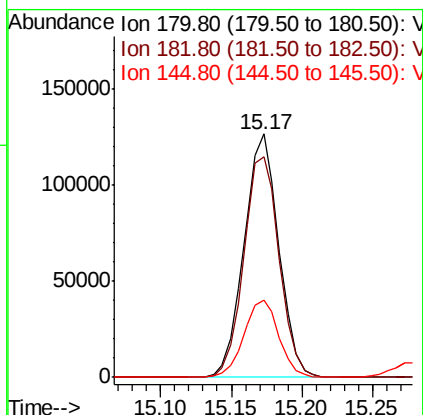
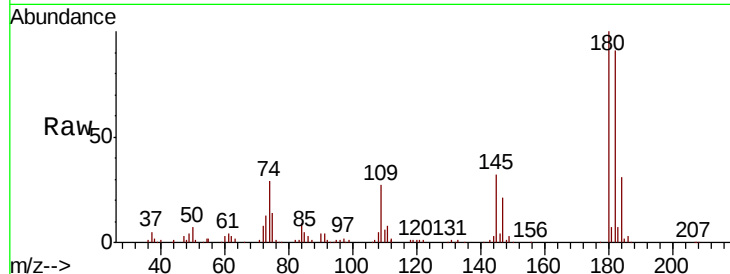




#93
 1,2,4-Trichlorobenzene
 Concen: 50.706 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

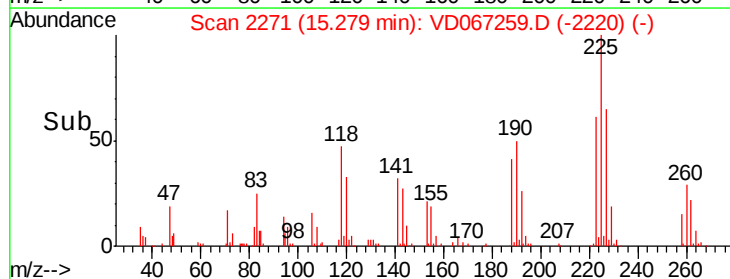
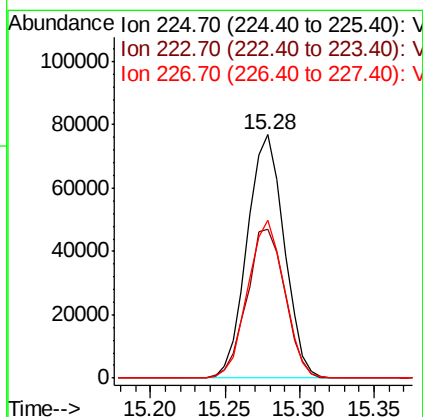
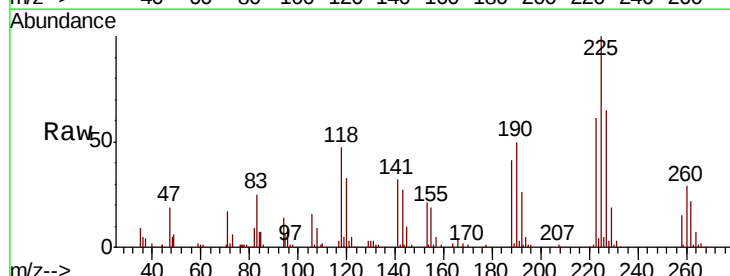
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

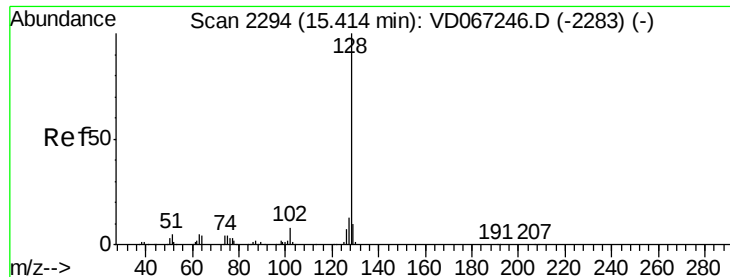
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	48.1	144.4
145	32.3	16.3	48.9



#94
 Hexachlorobutadiene
 Concen: 49.738 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067259.D
 Acq: 13 Oct 2020 18:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.9	95.7
227	63.7	31.2	93.6

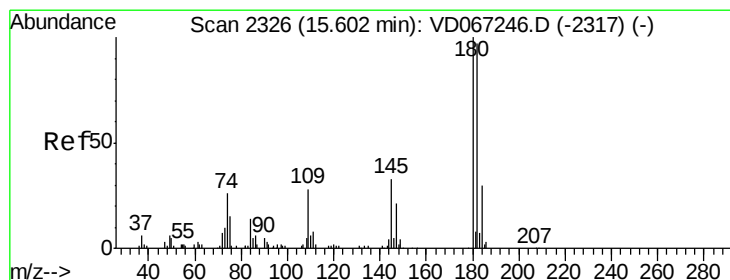
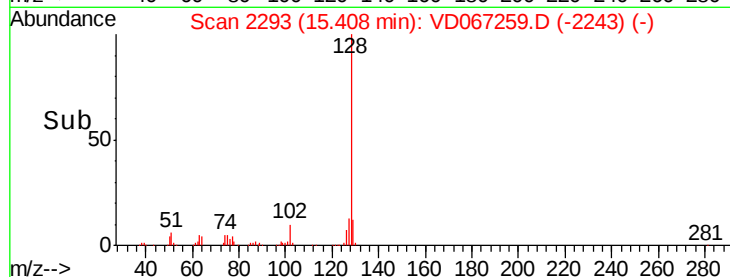
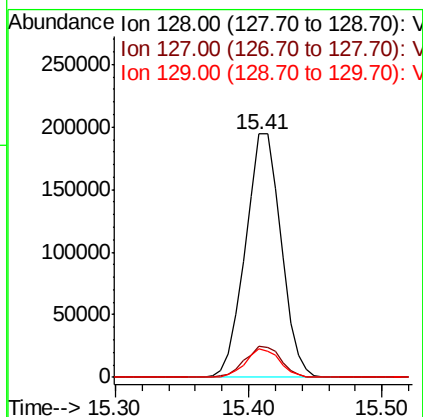
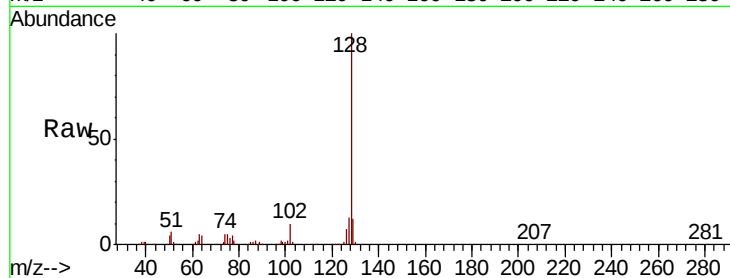




#95
Naphthalene
Concen: 51.064 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 359118
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.054 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067259.D
Acq: 13 Oct 2020 18:25

Tgt Ion:180 Resp: 185227
Ion Ratio Lower Upper
180 100
182 96.4 48.1 144.3
145 35.1 17.3 51.9

