

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101420\
 Data File : VD067261.D
 Acq On : 14 Oct 2020 10:26
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 15 06:12:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	334351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	492695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	452456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	222685	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	162294	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
35) Dibromofluoromethane	7.91	113	167342	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	10.34	98	606637	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.64	95	207895	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	144905	54.375	ug/l	94
3) Chloromethane	2.21	50	100726	47.868	ug/l	99
4) Vinyl Chloride	2.35	62	114224	49.473	ug/l	93
5) Bromomethane	2.77	94	91392	57.223	ug/l	100
6) Chloroethane	2.92	64	69194	48.123	ug/l	96
7) Trichlorofluoromethane	3.27	101	292449	50.303	ug/l	96
8) Diethyl Ether	3.71	74	61318	46.092	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.09	101	154572	50.043	ug/l	99
10) Methyl Iodide	4.30	142	145584	51.094	ug/l	98
11) Tert butyl alcohol	5.22	59	36824	202.846	ug/l #	84
12) 1,1-Dichloroethene	4.06	96	138580	50.220	ug/l	100
13) Acrolein	3.93	56	48772	244.172	ug/l	99
14) Allyl chloride	4.71	41	157136	49.725	ug/l	99
15) Acrylonitrile	5.42	53	112496	253.428	ug/l	97
16) Acetone	4.16	43	137136	292.323	ug/l	91
17) Carbon Disulfide	4.41	76	385024	48.944	ug/l	100
18) Methyl Acetate	4.72	43	49502	46.263	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	271269	49.439	ug/l	98
20) Methylene Chloride	4.96	84	149406	49.692	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	159403	50.197	ug/l	95
22) Diisopropyl ether	6.36	45	297189	51.481	ug/l	95
23) Vinyl Acetate	6.30	43	881627	268.442	ug/l	98
24) 1,1-Dichloroethane	6.26	63	246877	49.960	ug/l	99
25) 2-Butanone	7.21	43	137148	256.469	ug/l	96
26) 2,2-Dichloropropane	7.21	77	258224	50.698	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	173914	49.971	ug/l	96
28) Bromochloromethane	7.54	49	83973	49.821	ug/l	100
29) Tetrahydrofuran	7.56	42	77399	260.375	ug/l	97
30) Chloroform	7.71	83	298884	50.631	ug/l	90
31) Cyclohexane	7.98	56	187356	48.561	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	292642	50.526	ug/l	97
36) 1,1-Dichloropropene	8.11	75	216351	51.809	ug/l	99
37) Ethyl Acetate	7.30	43	62693	51.027	ug/l #	93
38) Carbon Tetrachloride	8.10	117	281425	52.729	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	234584	53.735	ug/l	99
40) Benzene	8.35	78	594109	51.859	ug/l	96
41) Methacrylonitrile	7.56	41	84018	126.546	ug/l #	8
42) 1,2-Dichloroethane	8.43	62	182522	50.910	ug/l	98
43) Isopropyl Acetate	8.45	43	122229	50.137	ug/l	99
44) Trichloroethene	9.11	130	188291	51.334	ug/l	100
45) 1,2-Dichloropropane	9.38	63	136648	51.467	ug/l	99
46) Dibromomethane	9.48	93	84678	51.189	ug/l	95
47) Bromodichloromethane	9.67	83	229850	51.861	ug/l	96
48) Methyl methacrylate	9.46	41	59290	50.044	ug/l	98
49) 1,4-Dioxane	9.46	88	16773	1049.248	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	314223	258.415	ug/l	99
52) Toluene	10.41	92	414721	53.150	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	203653	52.308	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	231781	50.869	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	115833	51.350	ug/l	99
56) Ethyl methacrylate	10.66	69	126595	54.112	ug/l	96
57) 1,3-Dichloropropane	10.95	76	183278	51.054	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	330333	275.242	ug/l	100
59) 2-Hexanone	10.98	43	224759	270.500	ug/l	99
60) Dibromochloromethane	11.14	129	170049	51.691	ug/l	99
61) 1,2-Dibromoethane	11.25	107	115062	51.739	ug/l	100
64) Tetrachloroethene	10.88	164	166583	50.816	ug/l	92
65) Chlorobenzene	11.67	112	446669	51.481	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	178100	51.648	ug/l	98
67) Ethyl Benzene	11.75	91	791997	53.251	ug/l	98
68) m/p-Xylenes	11.86	106	611101	106.699	ug/l	99
69) o-Xylene	12.18	106	280507	52.891	ug/l	96
70) Styrene	12.20	104	480035	52.580	ug/l	99
71) Bromoform	12.37	173	94003	50.743	ug/l #	99
73) Isopropylbenzene	12.48	105	796894	56.385	ug/l	100
74) N-amyl acetate	12.30	43	114886	53.822	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	113583	52.451	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	155837	100.969	ug/l #	100
77) Bromobenzene	12.77	156	187636	53.253	ug/l	98
78) n-propylbenzene	12.83	91	908125	55.458	ug/l	99
79) 2-Chlorotoluene	12.91	91	513844	54.111	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	679055	55.291	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	35155	51.652	ug/l	97
82) 4-Chlorotoluene	13.01	91	549322	54.503	ug/l	99
83) tert-Butylbenzene	13.23	119	575712	55.494	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	676014	55.691	ug/l	100
85) sec-Butylbenzene	13.41	105	777370	54.609	ug/l	100
86) p-Isopropyltoluene	13.53	119	745736	55.502	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	355829	52.467	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	354850	52.811	ug/l	99
89) n-Butylbenzene	13.85	91	663962	56.171	ug/l	99
90) Hexachloroethane	14.12	117	126782	54.072	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	315861	53.313	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19741	50.179	ug/l	93

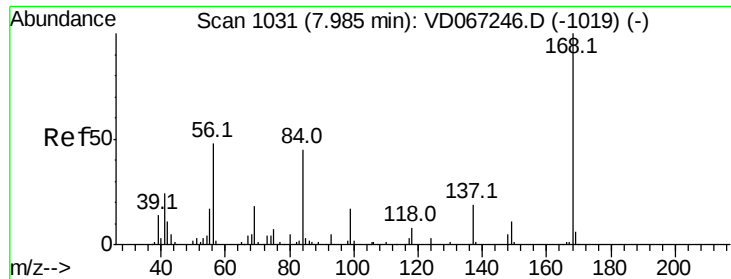
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101420\
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QLast Update : Wed Oct 14 03:30:30 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	217992	54.572	ug/l	99
94) Hexachlorobutadiene	15.28	225	138578	55.865	ug/l	98
95) Naphthalene	15.41	128	360716	55.001	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	188860	54.727	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

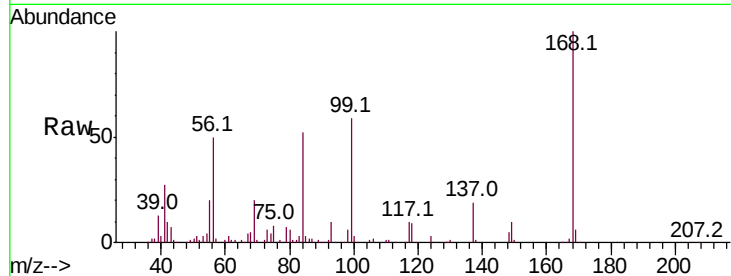
VSTDCCC050

Tot Ion:168 Resp: 334351

Ion Ratio Lower Upper

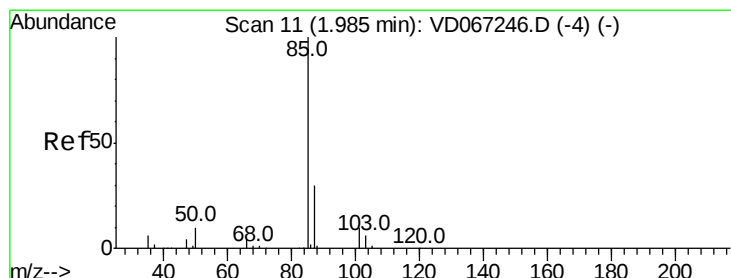
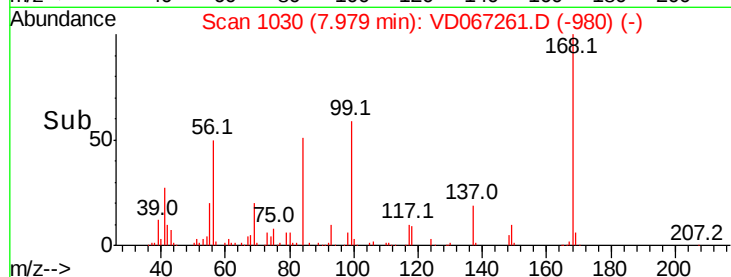
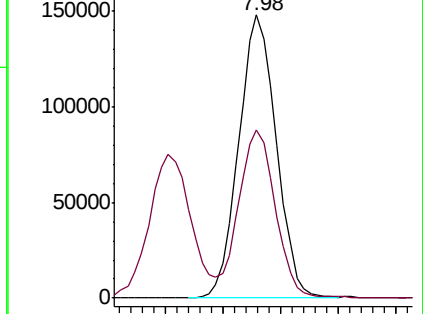
168 100

99 59.0 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 54.375 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067261.D

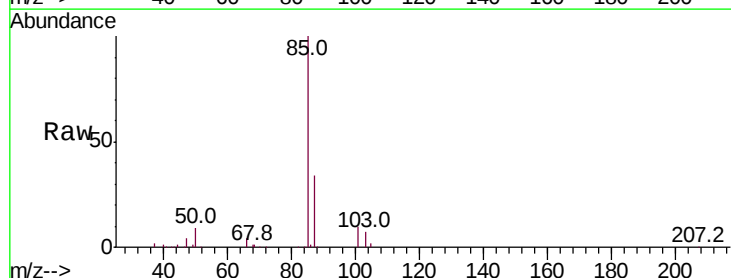
Acq: 14 Oct 2020 10:26

Tgt Ion: 85 Resp: 144905

Ion Ratio Lower Upper

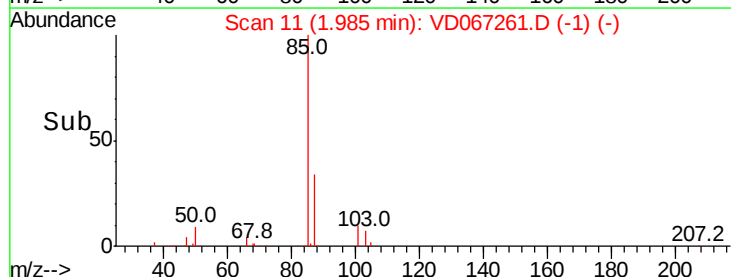
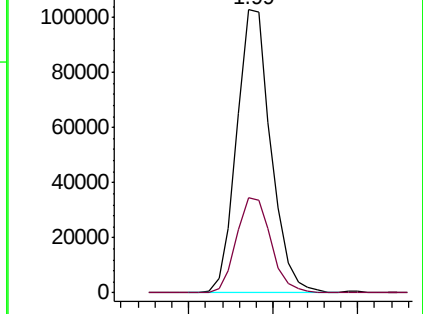
85 100

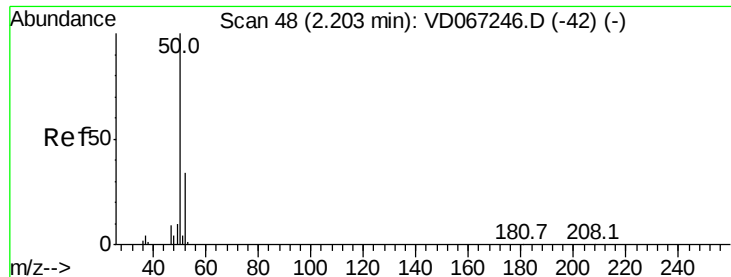
87 33.6 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 47.868 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

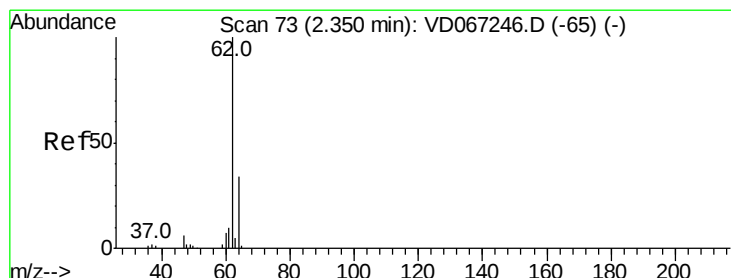
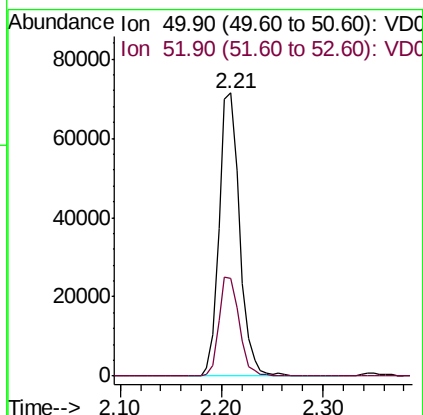
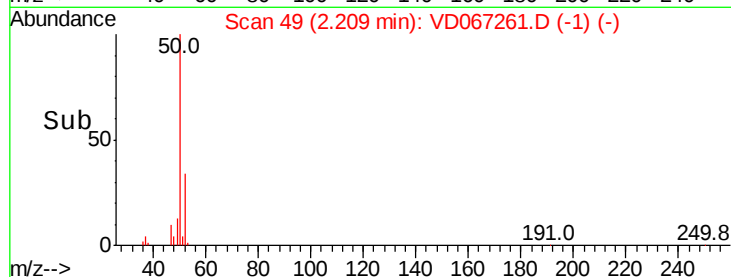
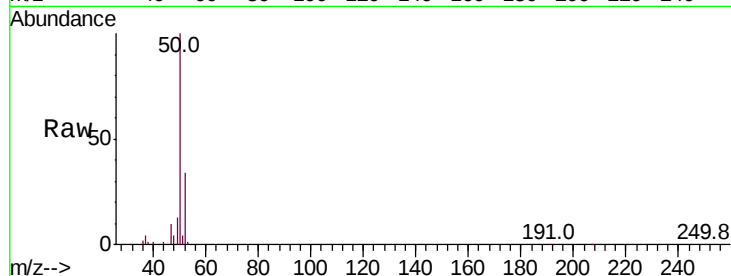
VSTDCCC050

Tot Ion: 50 Resp: 100726

Ion Ratio Lower Upper

50 100

52 34.4 27.1 40.7



#4

Vinyl Chloride

Concen: 49.473 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067261.D

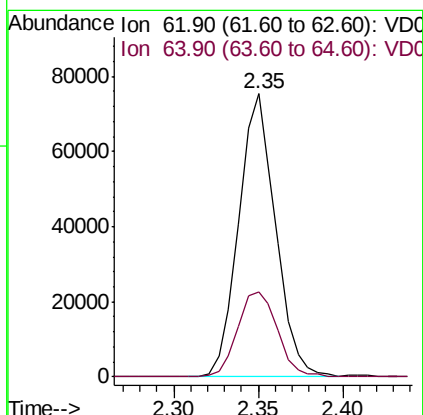
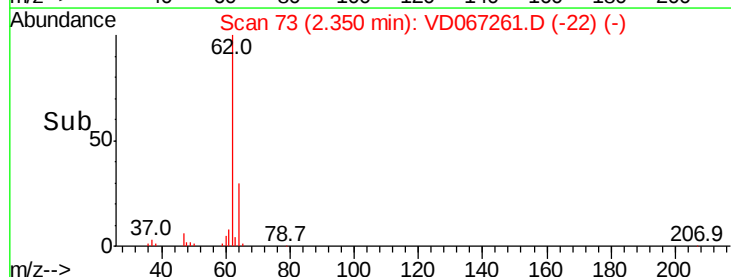
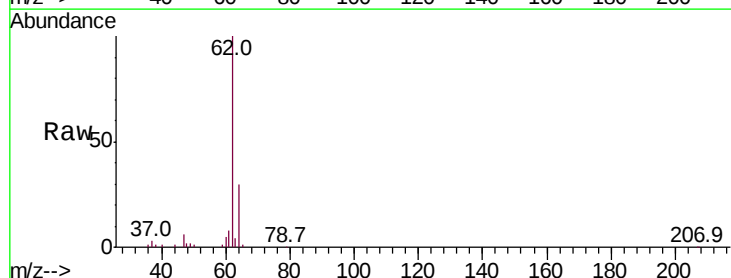
Acq: 14 Oct 2020 10:26

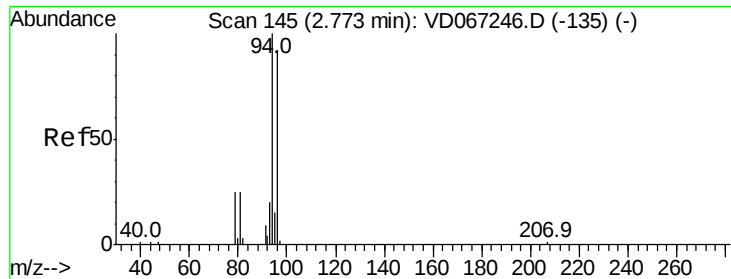
Tgt Ion: 62 Resp: 114224

Ion Ratio Lower Upper

62 100

64 30.0 27.4 41.0





#5

Bromomethane

Concen: 57.223 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

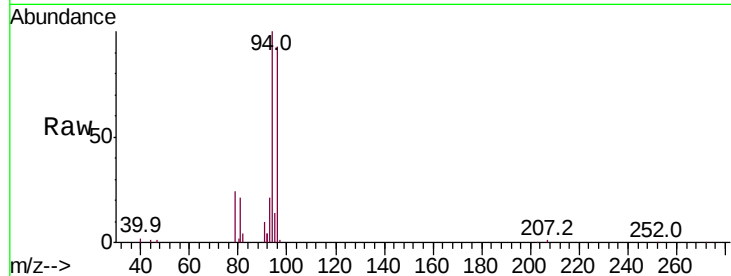
VSTDCCC050

Tot Ion: 94 Resp: 91392

Ion Ratio Lower Upper

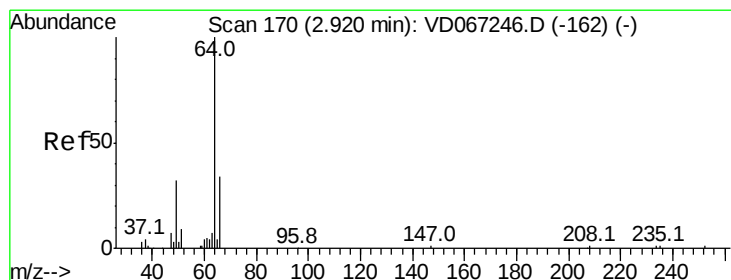
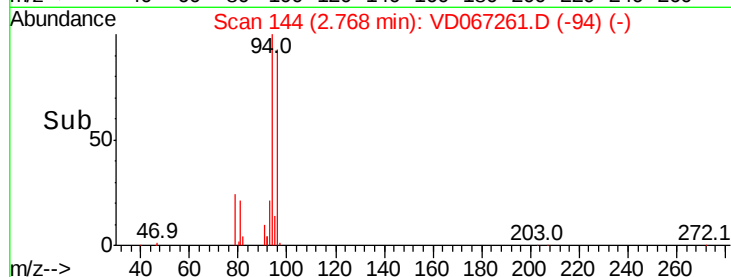
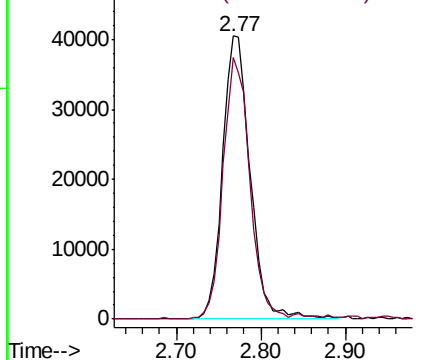
94 100

96 92.6 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.123 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067261.D

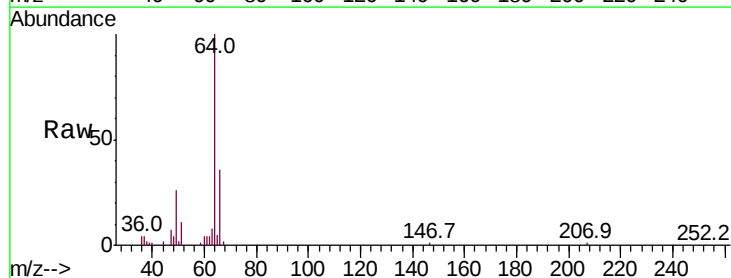
Acq: 14 Oct 2020 10:26

Tgt Ion: 64 Resp: 69194

Ion Ratio Lower Upper

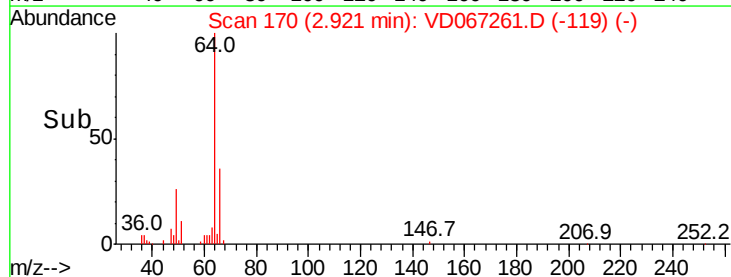
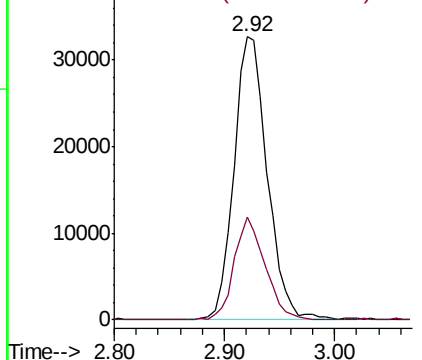
64 100

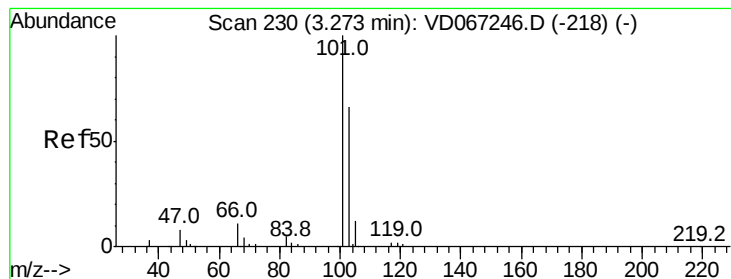
66 36.3 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



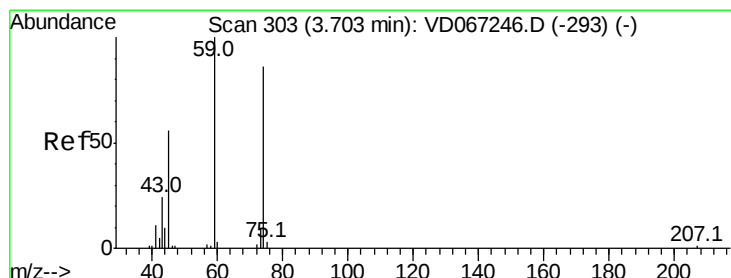
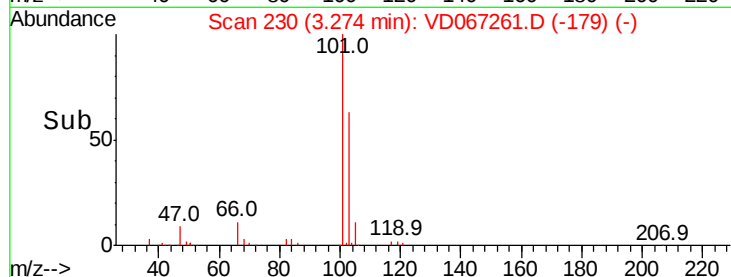
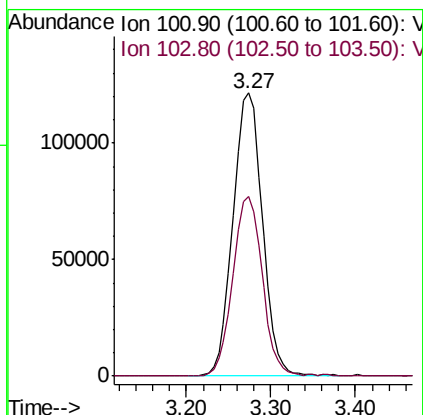
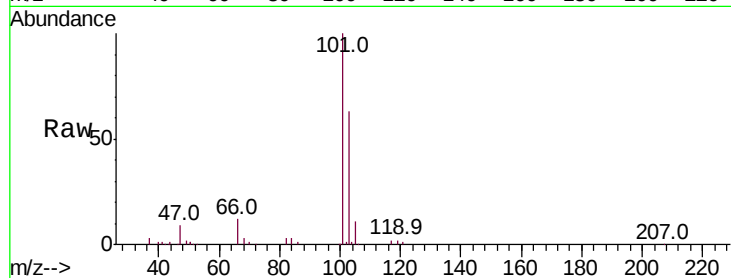


#7

Trichlorofluoromethane
Concen: 50.303 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Instrument :
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VSTDCCC050

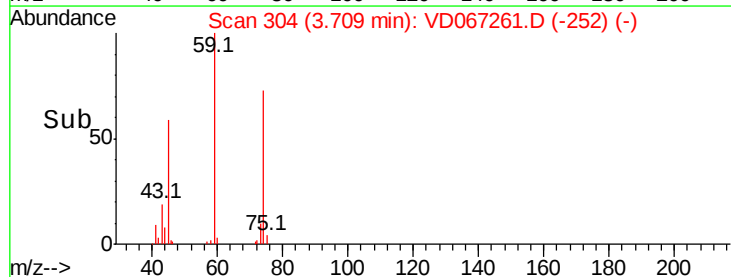
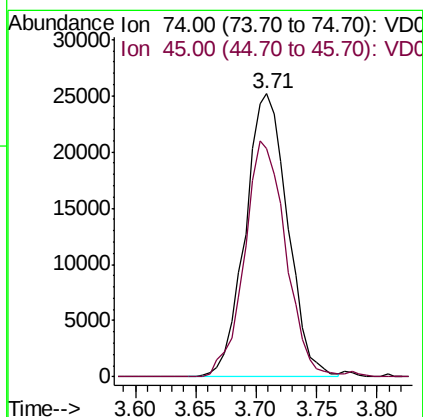
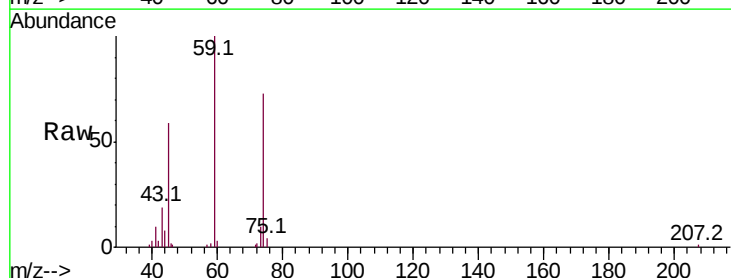
Tot Ion:101 Resp: 292449
Ion Ratio Lower Upper
101 100
103 63.3 53.1 79.7

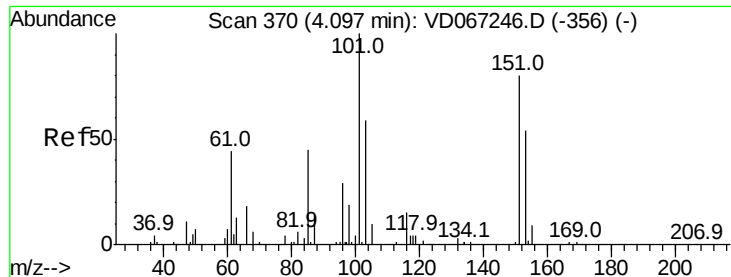


#8

Diethyl Ether
Concen: 46.092 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Tgt Ion: 74 Resp: 61318
Ion Ratio Lower Upper
74 100
45 80.9 37.0 111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.043 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

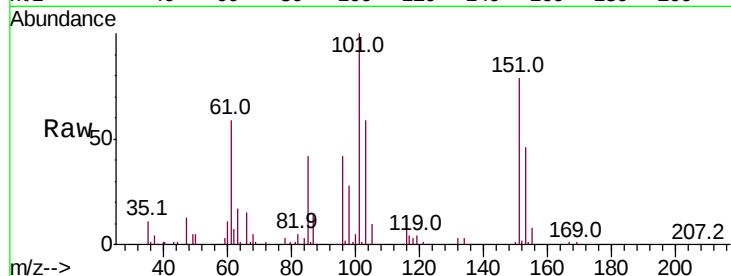
Tot Ion:101 Resp: 154572

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.4

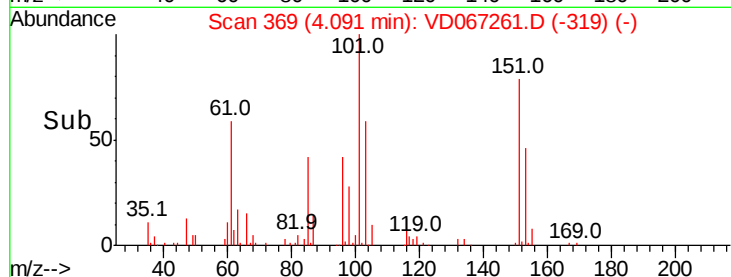
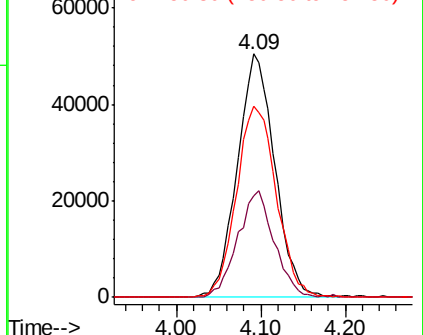
151 83.7 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.094 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

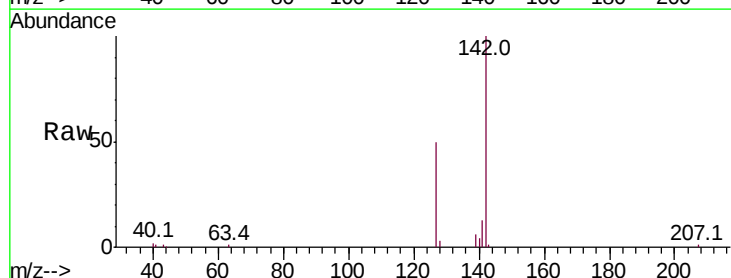
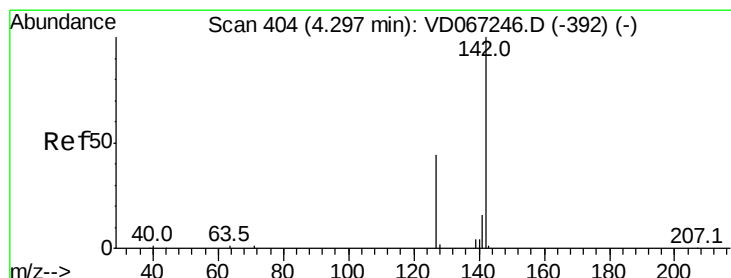
Tgt Ion:142 Resp: 145584

Ion Ratio Lower Upper

142 100

127 49.7 38.4 57.6

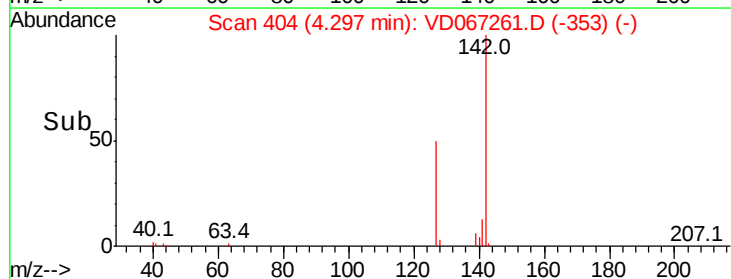
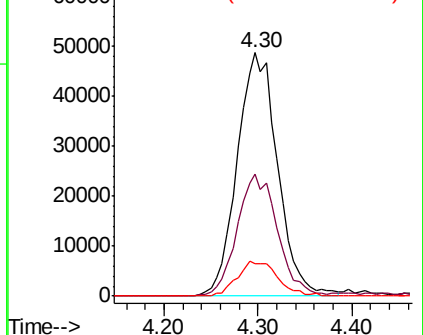
141 14.2 11.6 17.4

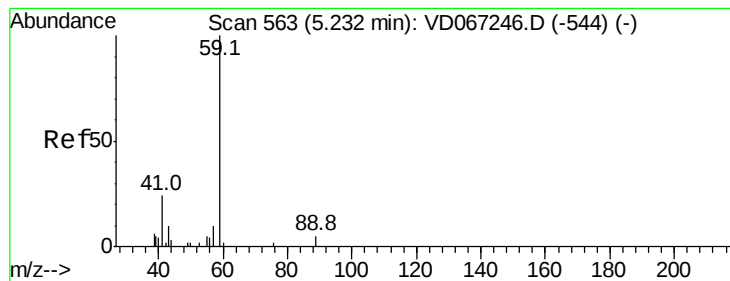


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



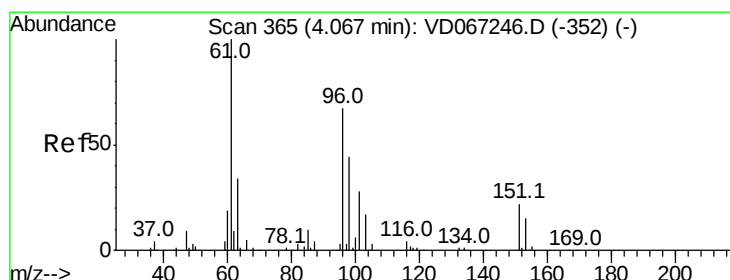
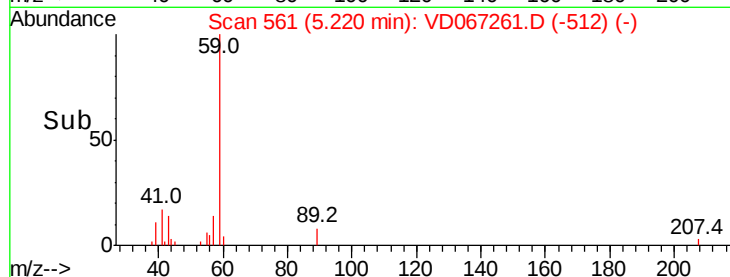
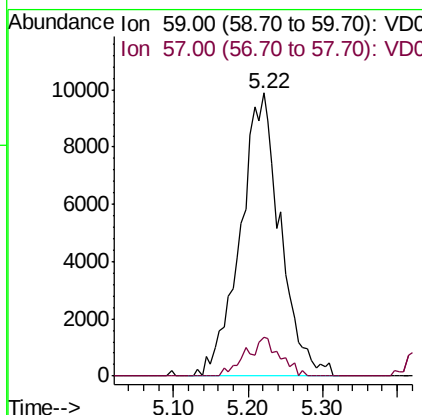
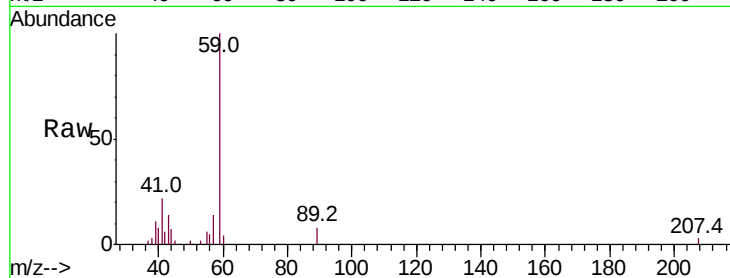


#11

Tert butyl alcohol
Concen: 202.846 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

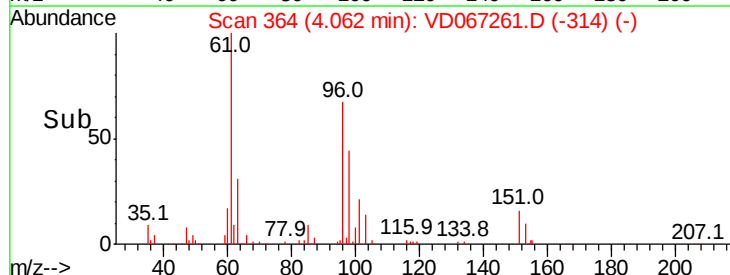
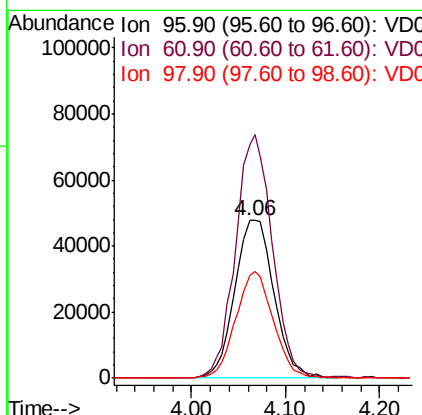
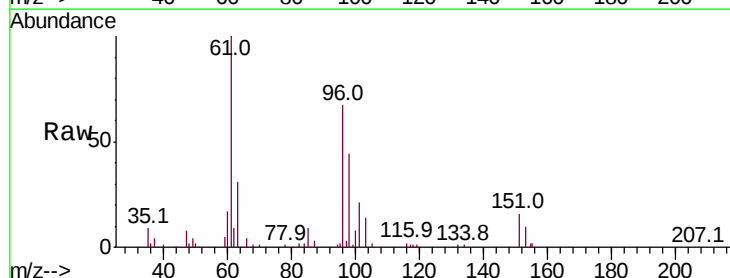
Tot Ion: 59 Resp: 36824
Ion Ratio Lower Upper
59 100
57 11.7 5.1 7.7#

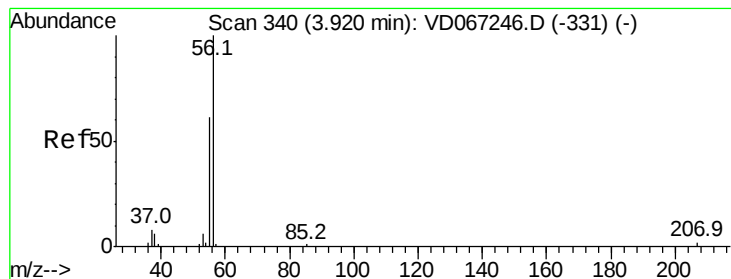


#12

1,1-Dichloroethene
Concen: 50.220 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Tgt Ion: 96 Resp: 138580
Ion Ratio Lower Upper
96 100
61 148.2 118.6 177.8
98 65.1 51.8 77.6





#13

Acrolein

Concen: 244.172 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

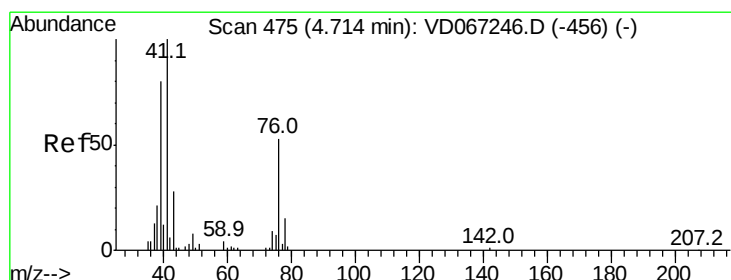
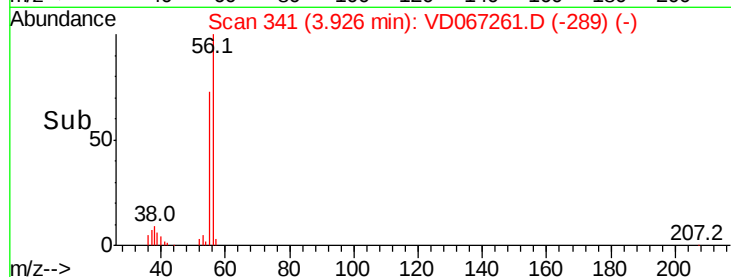
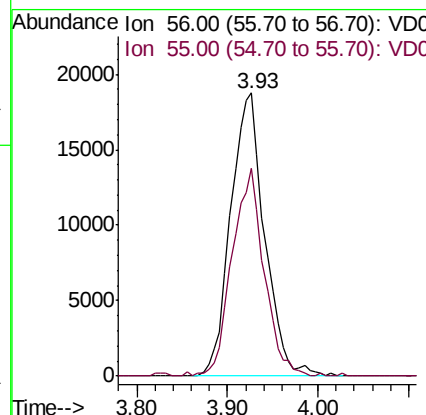
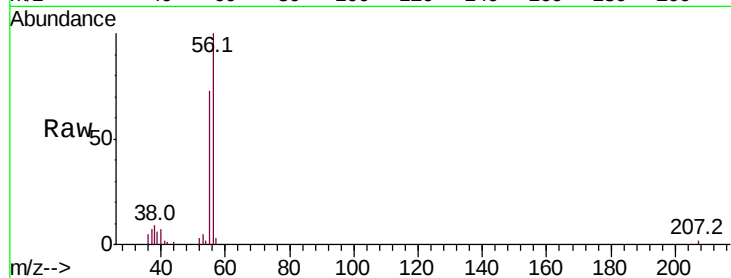
VSTDCCC050

Tot Ion: 56 Resp: 48772

Ion Ratio Lower Upper

56 100

55 68.9 56.0 84.0



#14

Allyl chloride

Concen: 49.725 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

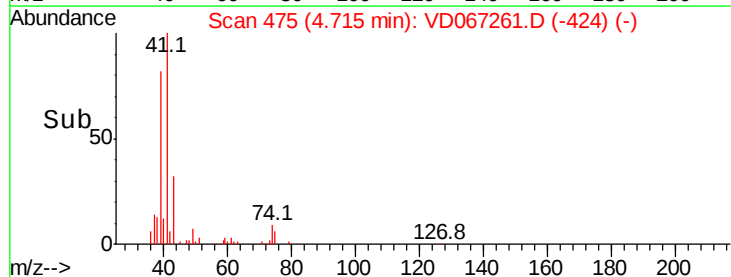
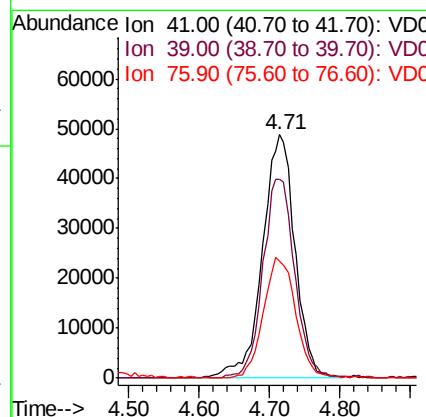
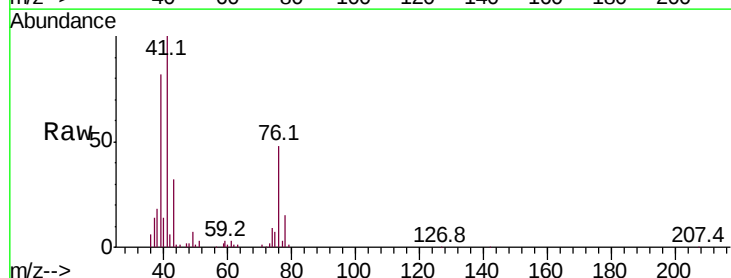
Tgt Ion: 41 Resp: 157136

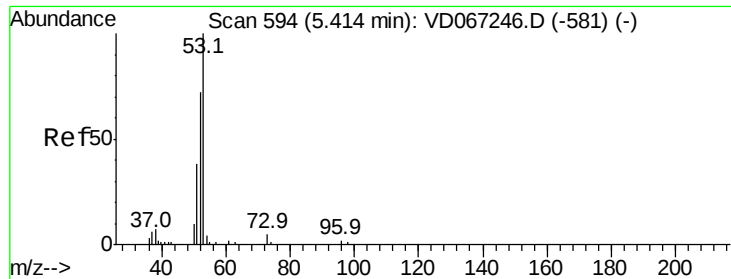
Ion Ratio Lower Upper

41 100

39 80.0 63.8 95.6

76 49.1 40.4 60.6





#15

Acrylonitrile

Concen: 253.428 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

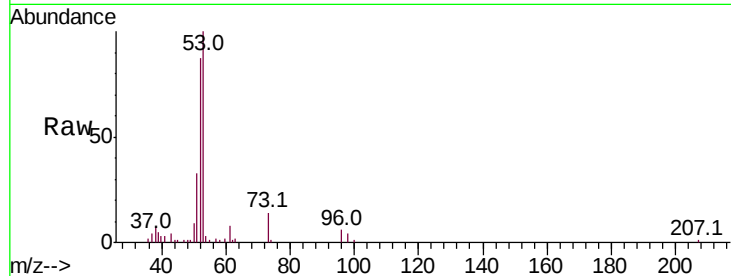
Tot Ion: 53 Resp: 112496

Ion Ratio Lower Upper

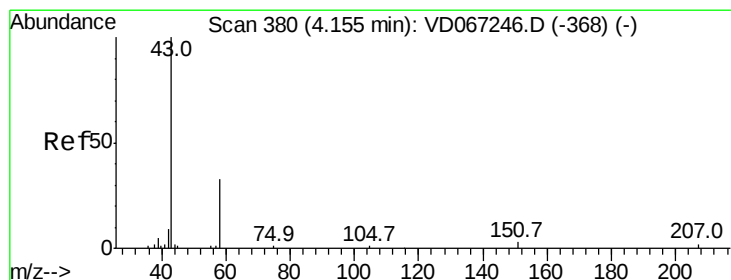
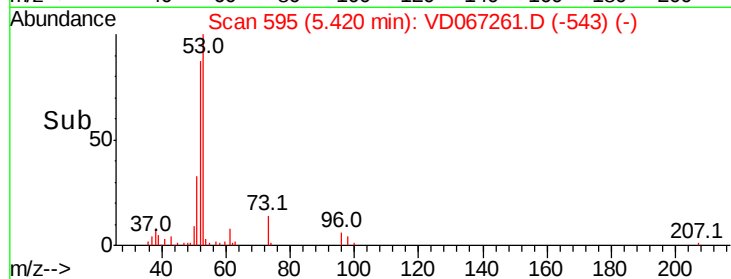
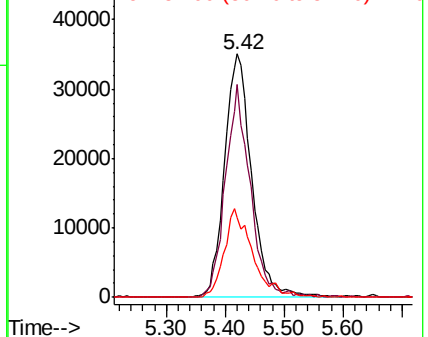
53 100

52 79.0 65.6 98.4

51 37.1 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: 292.323 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067261.D

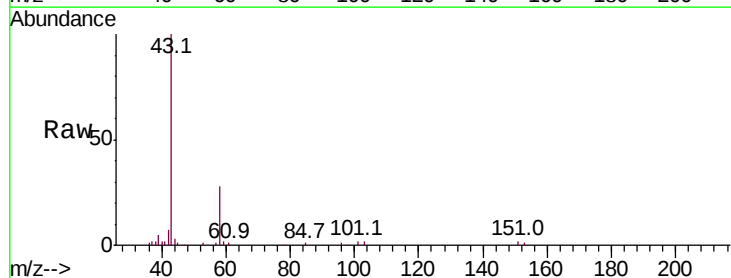
Acq: 14 Oct 2020 10:26

Tgt Ion: 43 Resp: 137136

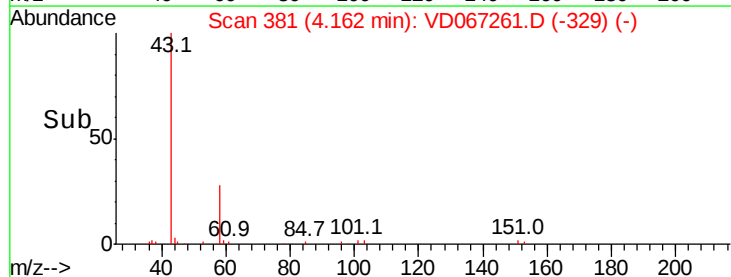
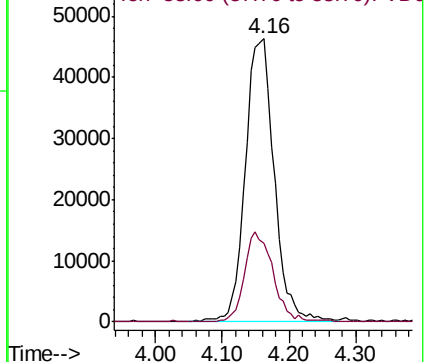
Ion Ratio Lower Upper

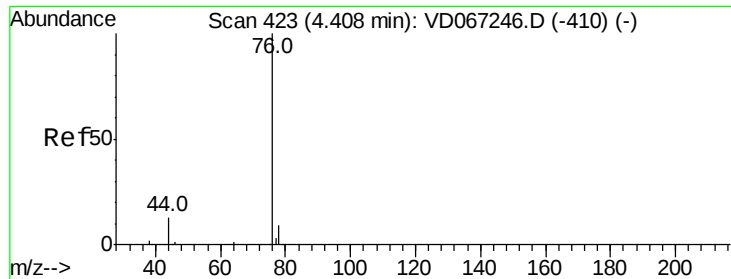
43 100

58 27.8 26.1 39.1



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

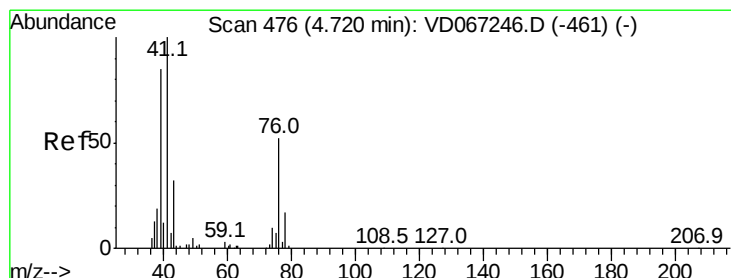
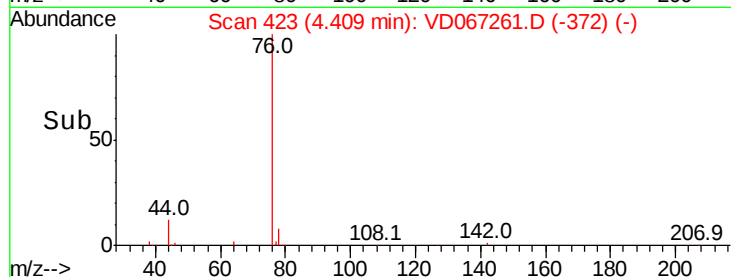
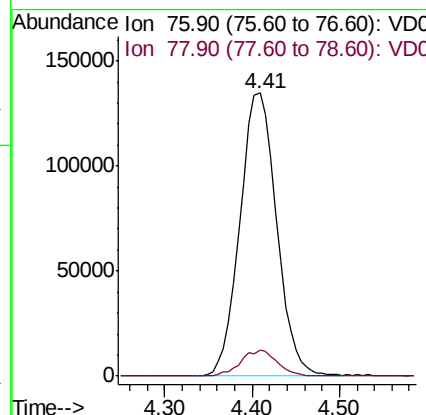
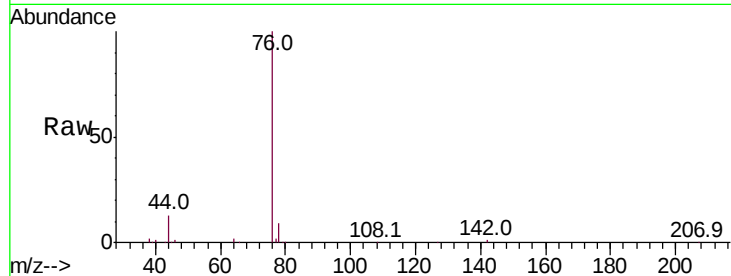




#17
Carbon Disulfide
Concen: 48.944 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

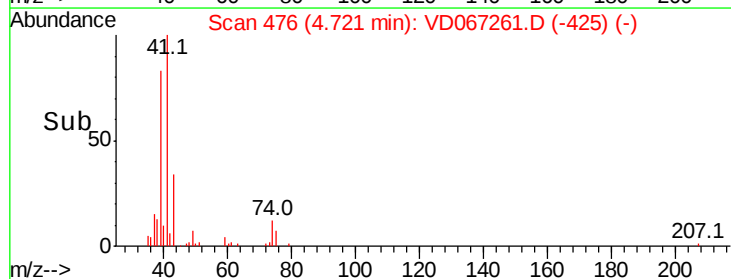
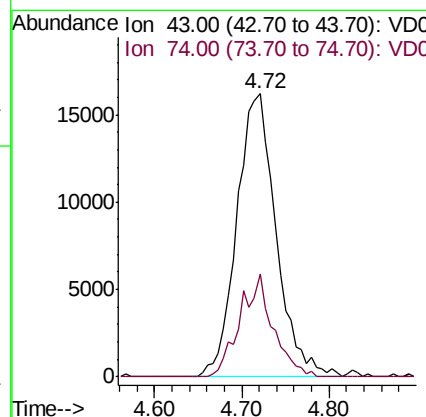
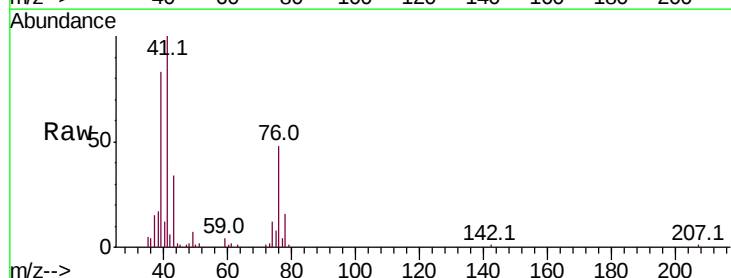
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

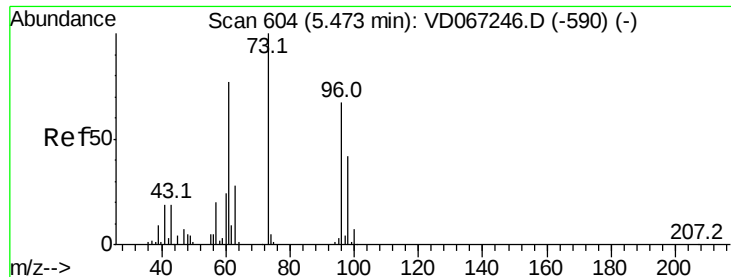
Tot Ion: 76 Resp: 385024
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 46.263 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Tgt Ion: 43 Resp: 49502
Ion Ratio Lower Upper
43 100
74 30.4 26.6 39.8

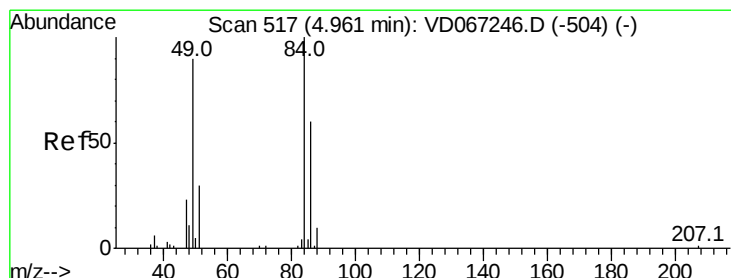
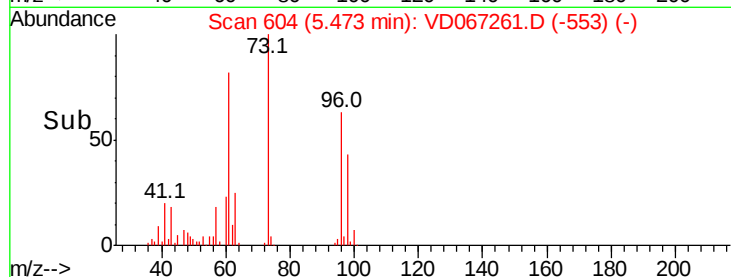
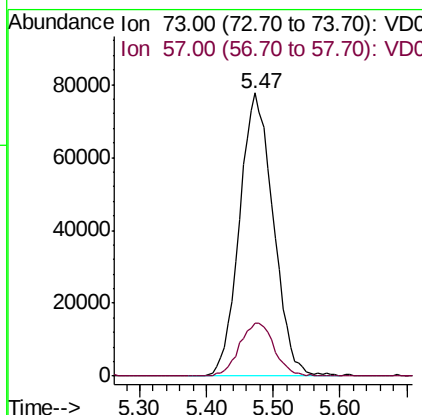
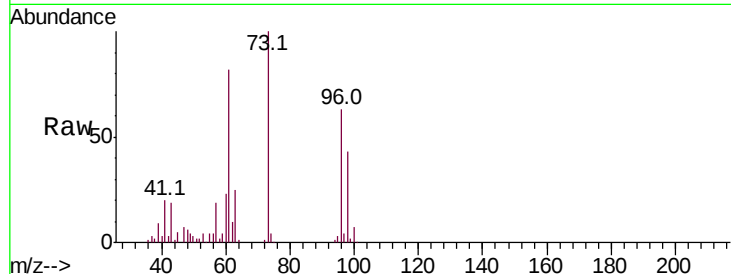




#19
Methvl tert-butvl Ether
Concen: 49.439 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

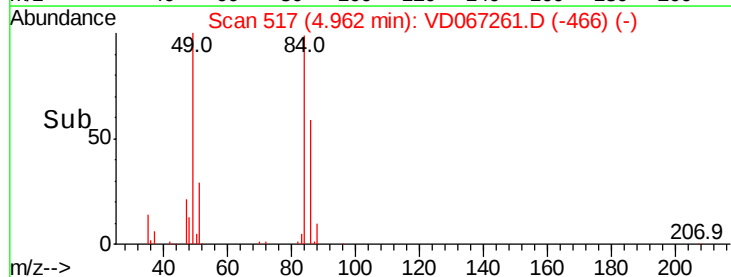
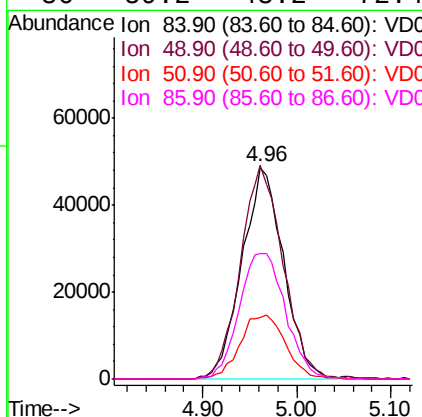
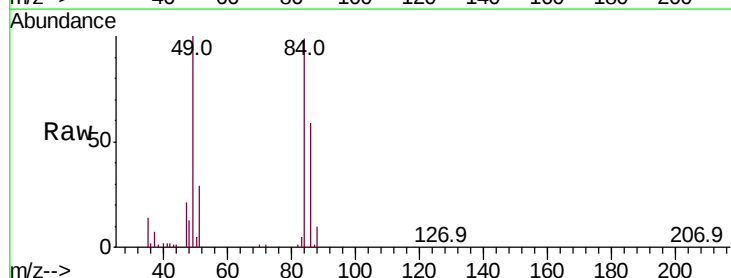
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

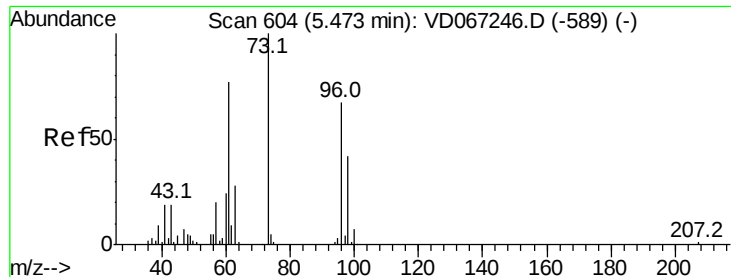
Tot Ion: 73 Resp: 271269
Ion Ratio Lower Upper
73 100
57 18.7 15.7 23.5



#20
Methylene Chloride
Concen: 49.692 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Tgt Ion: 84 Resp: 149406
Ion Ratio Lower Upper
84 100
49 100.9 72.2 108.2
51 28.9 23.8 35.8
86 59.2 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 50.197 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

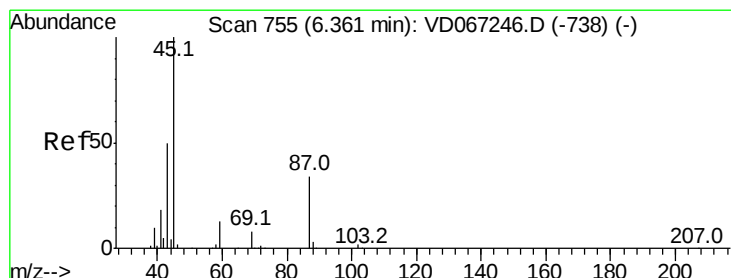
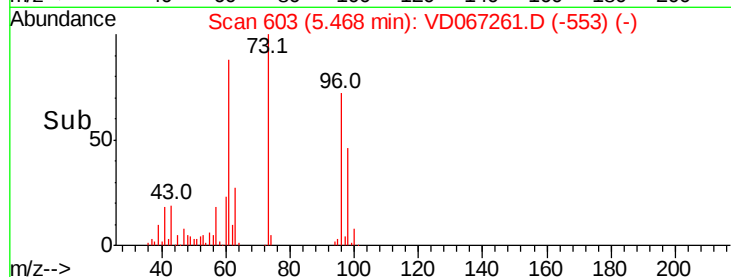
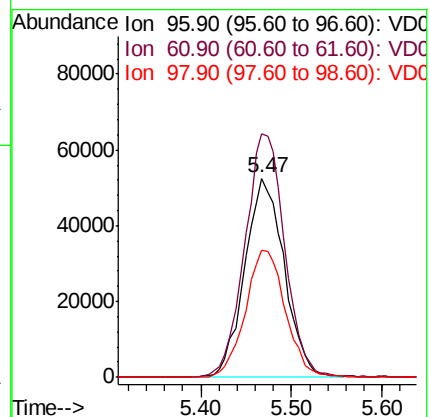
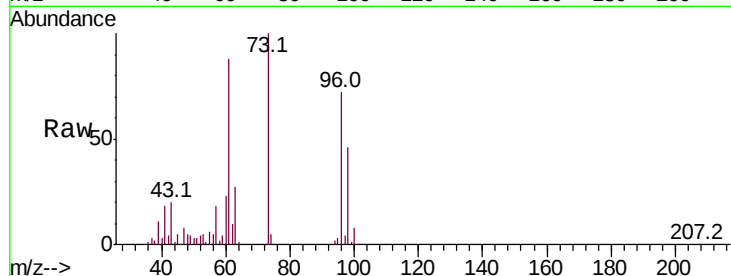
Tot Ion: 96 Resp: 159403

Ion Ratio Lower Upper

96 100

61 122.3 92.0 138.0

98 63.7 49.8 74.8



#22

Diisopropyl ether

Concen: 51.481 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Tgt Ion: 45 Resp: 297189

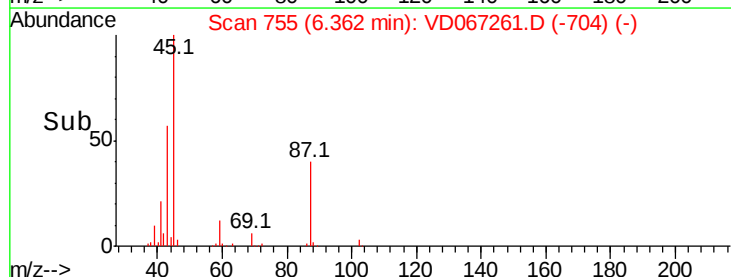
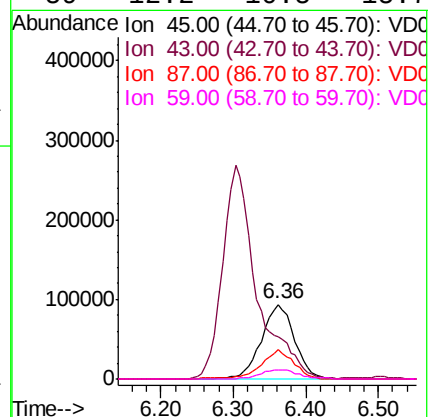
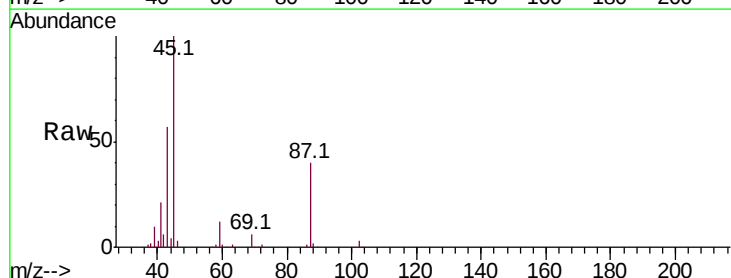
Ion Ratio Lower Upper

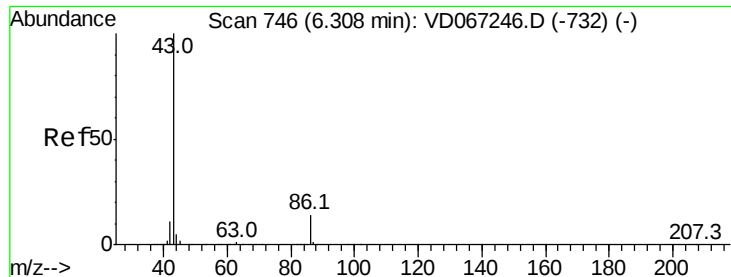
45 100

43 55.8 48.0 72.0

87 39.2 28.5 42.7

59 12.2 10.5 15.7





#23

Vinyl Acetate

Concen: 268.442 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

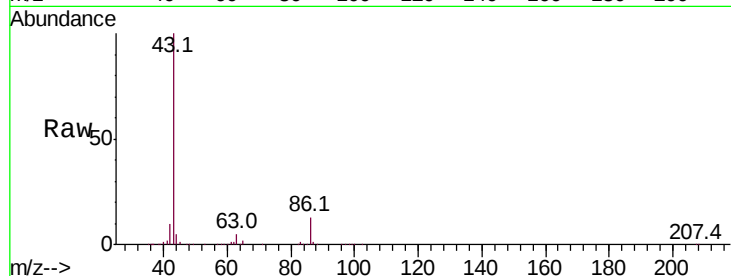
VSTDCCC050

Tot Ion: 43 Resp: 881627

Ion Ratio Lower Upper

43 100

86 13.0 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

250000

200000

150000

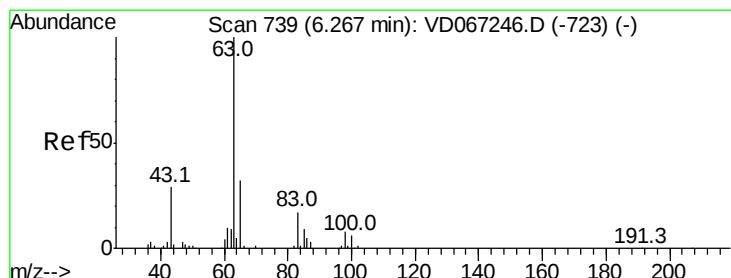
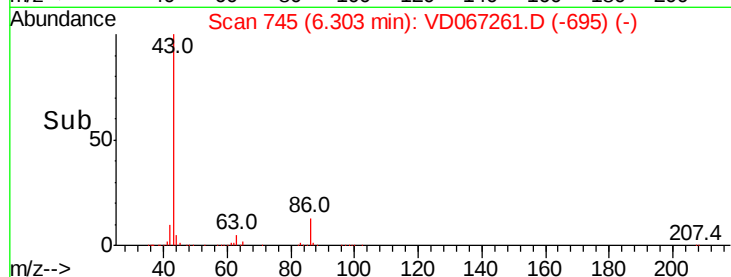
100000

50000

0

Time-->

6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 49.960 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

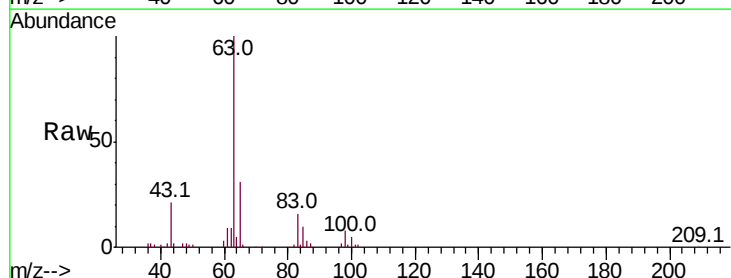
Tgt Ion: 63 Resp: 246877

Ion Ratio Lower Upper

63 100

98 7.8 4.0 12.2

100 5.4 2.8 8.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

100000

80000

60000

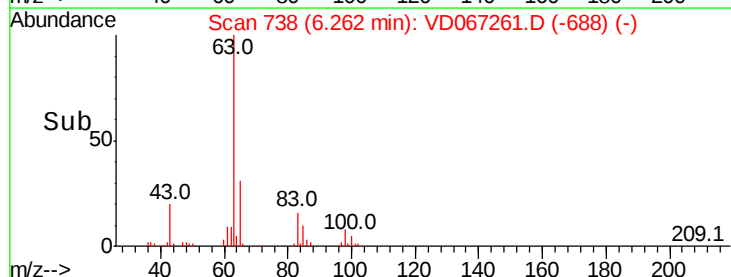
40000

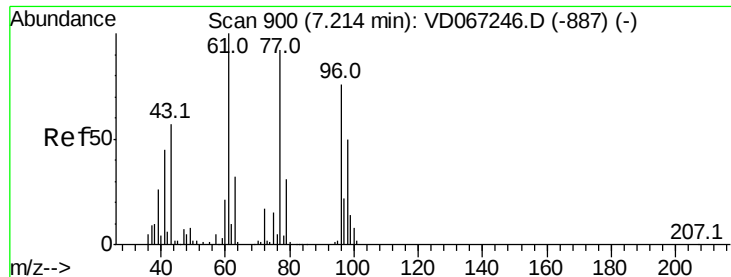
20000

0

Time-->

6.10 6.20 6.30 6.40

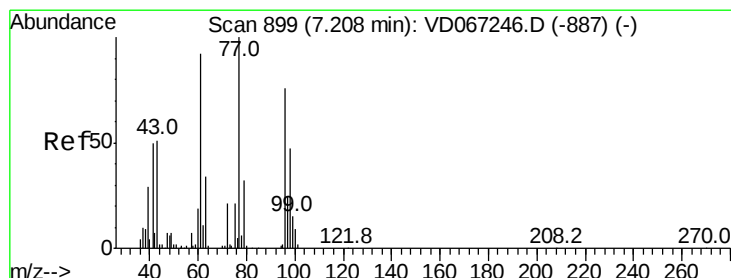
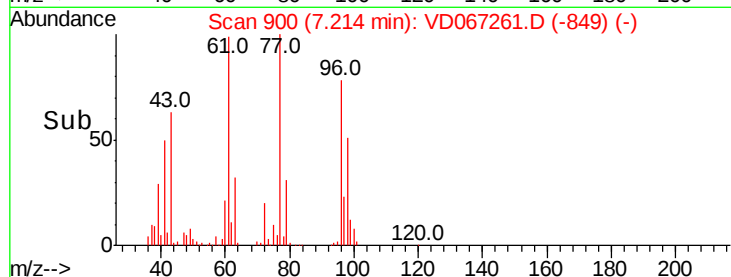
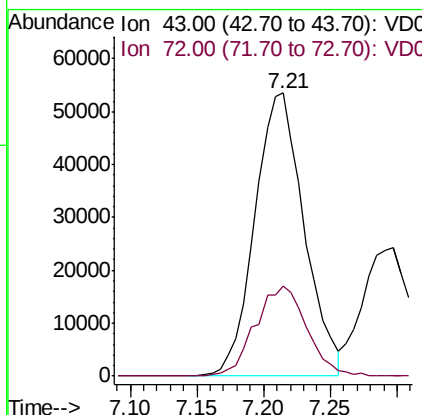
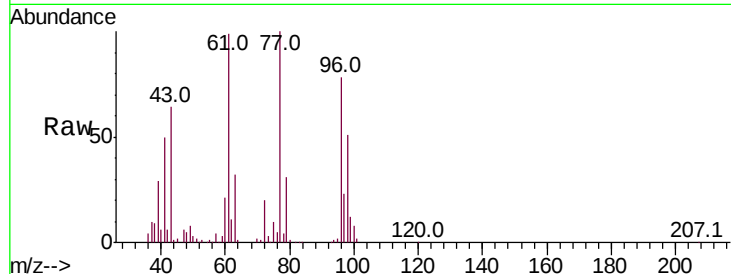




#25
2-Butanone
Concen: 256.469 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

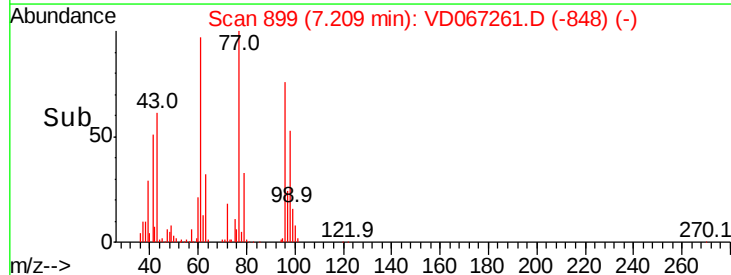
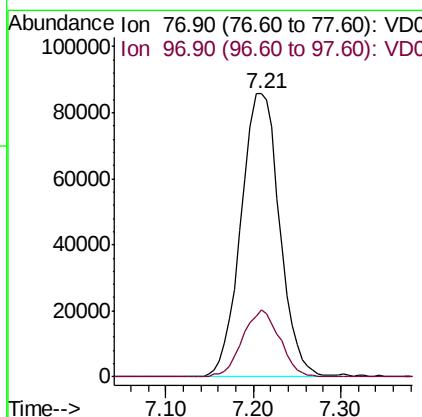
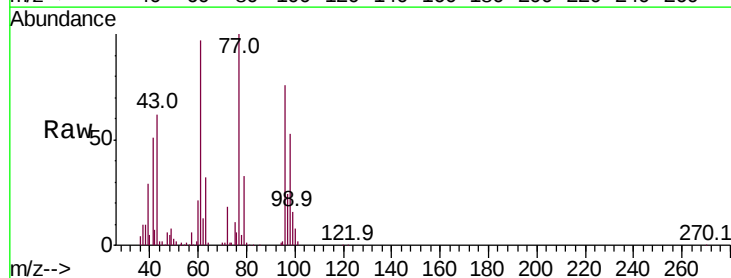
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

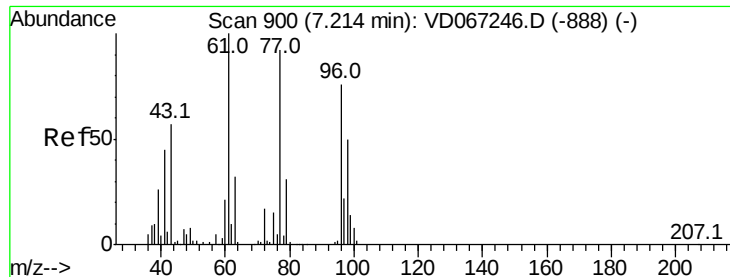
Tot Ion: 43 Resp: 137148
Ion Ratio Lower Upper
43 100
72 32.0 23.7 35.5



#26
2,2-Dichloropropane
Concen: 50.698 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Tgt Ion: 77 Resp: 258224
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 49.971 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

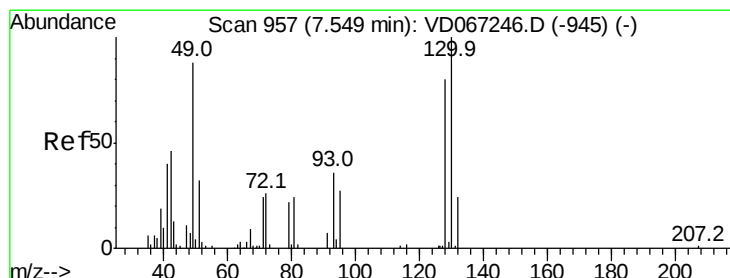
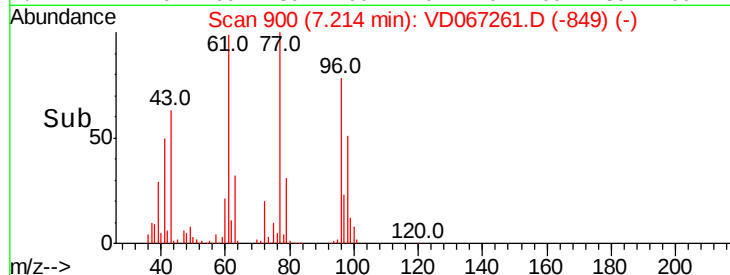
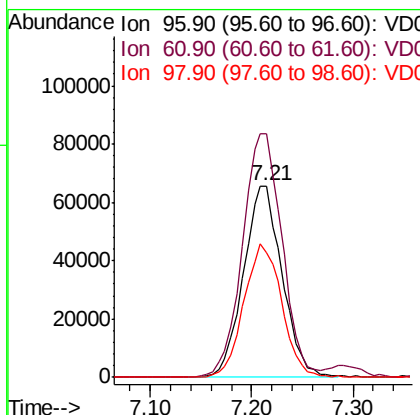
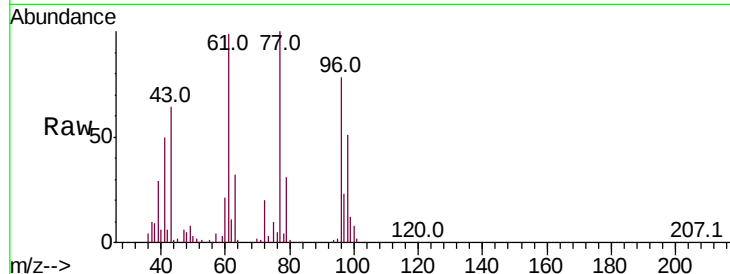
Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 173914

Ion	Ratio	Lower	Upper
96	100		
61	130.6	0.0	255.4
98	68.5	0.0	128.0



#28

Bromochloromethane

Concen: 49.821 ug/l

RT: 7.54 min Scan# 956

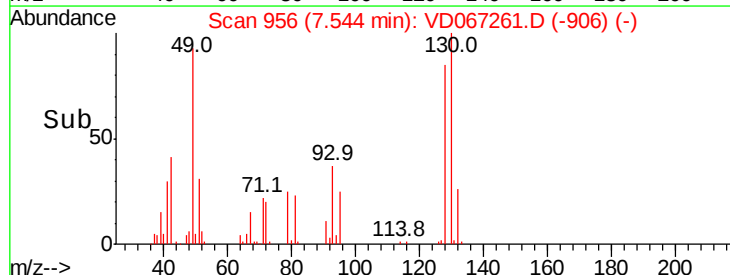
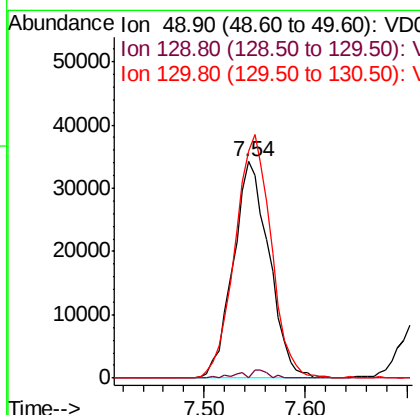
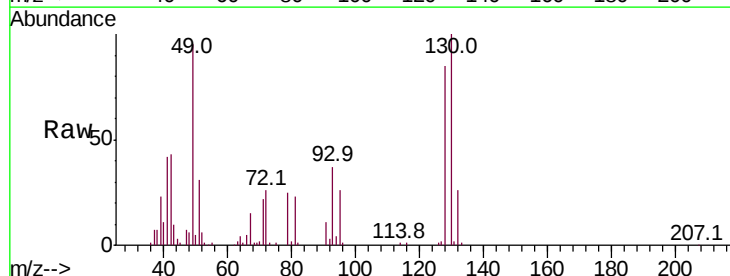
Delta R.T. -0.01 min

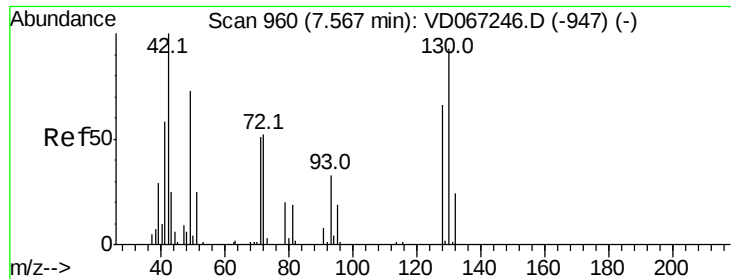
Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Tgt Ion: 49 Resp: 83973

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	1.6
130	113.4	91.0	136.6

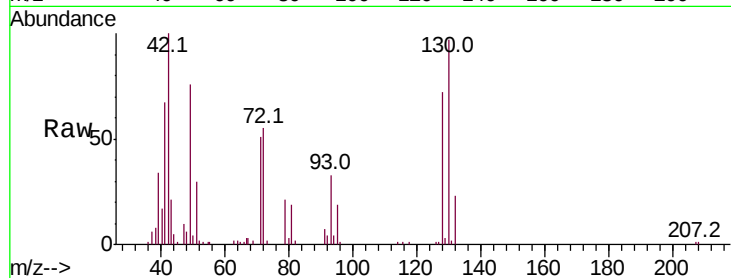




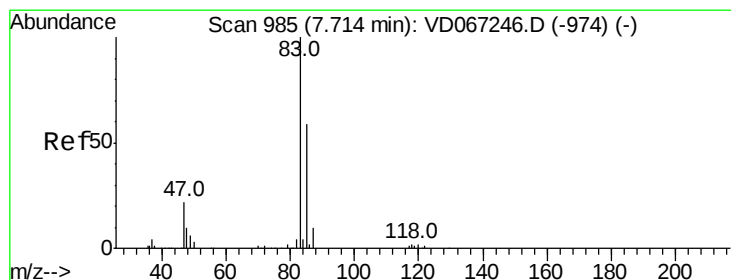
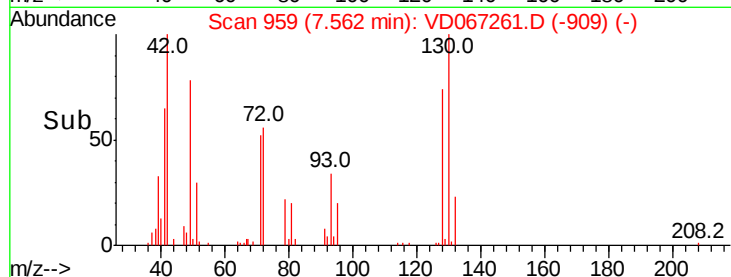
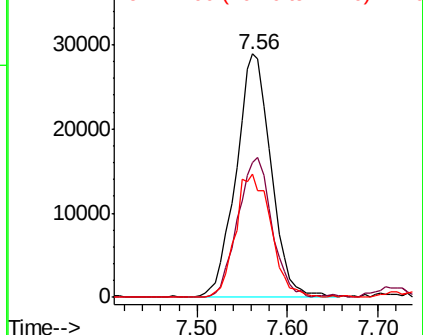
#29
Tetrahydrofuran
Concen: 260.375 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 77399
Ion Ratio Lower Upper
42 100
72 55.7 43.2 64.8
71 51.5 39.4 59.0

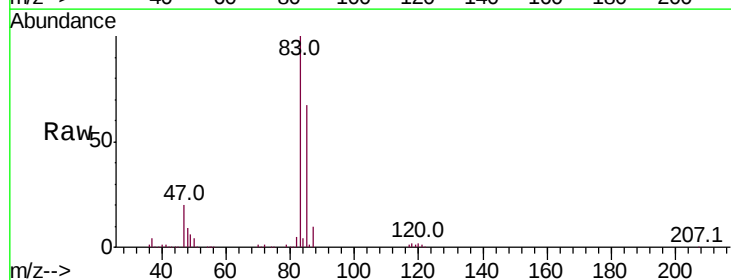


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

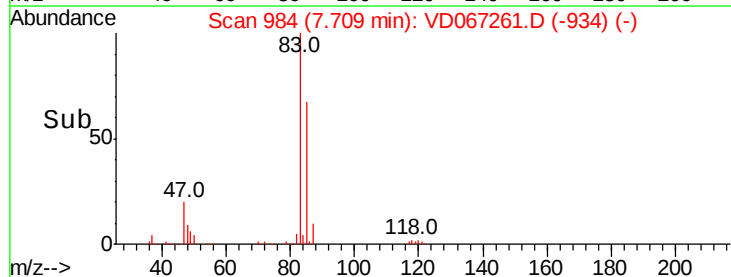
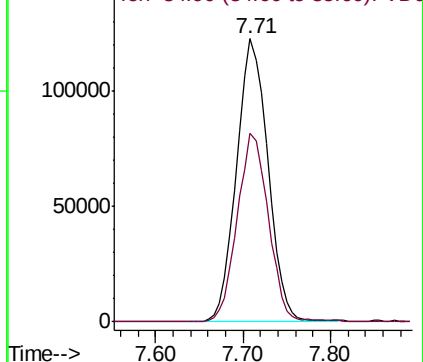


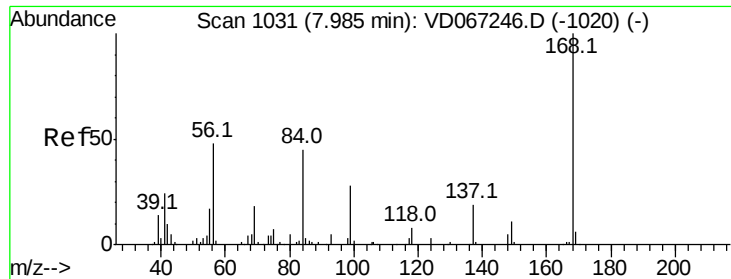
#30
Chloroform
Concen: 50.631 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Tgt Ion: 83 Resp: 298884
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

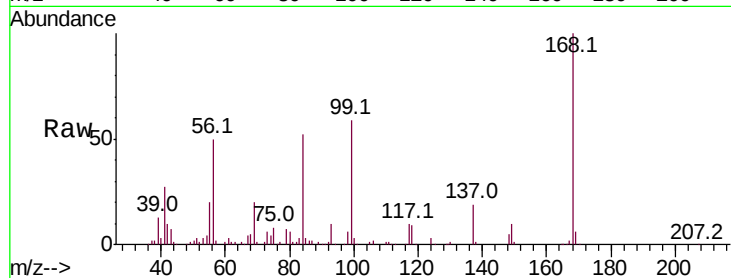




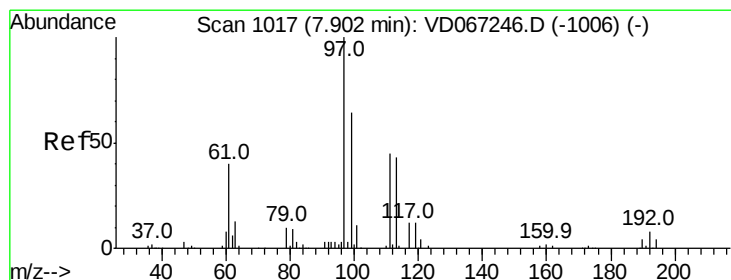
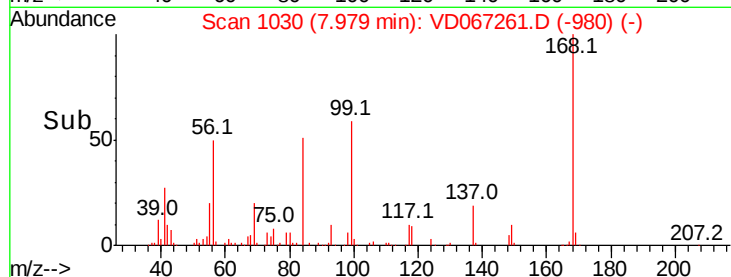
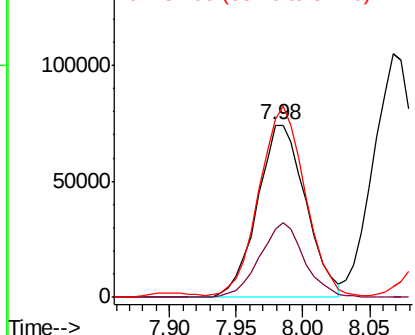
#31
Cyclohexane
Concen: 48.561 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 187356
Ion Ratio Lower Upper
56 100
69 39.4 29.8 44.6
84 101.3 76.6 114.8

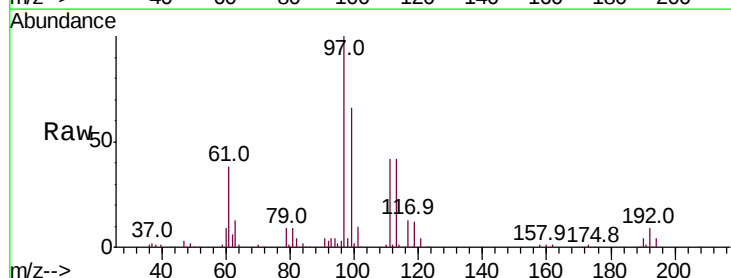


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

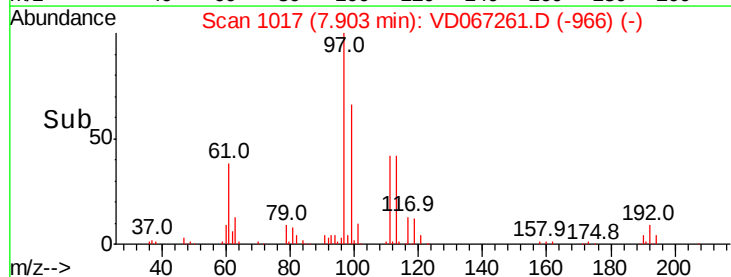
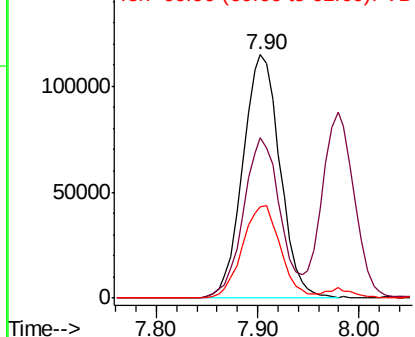


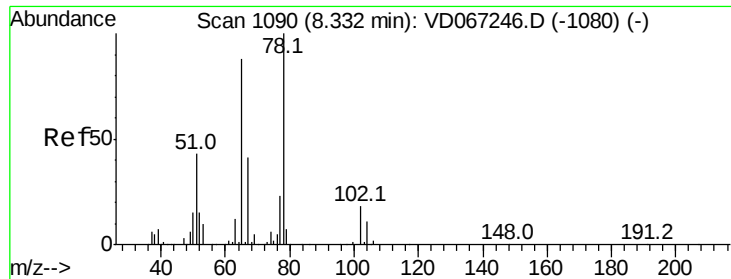
#32
1,1,1-Trichloroethane
Concen: 50.526 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Tgt Ion: 97 Resp: 292642
Ion Ratio Lower Upper
97 100
99 65.3 50.2 75.4
61 39.0 30.5 45.7



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 48.450 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

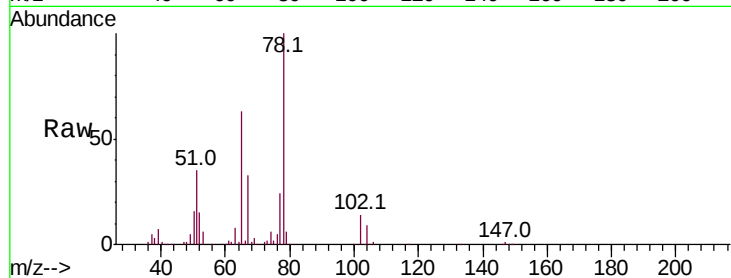
VSTDCCC050

Tot Ion: 65 Resp: 162294

Ion Ratio Lower Upper

65 100

67 49.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

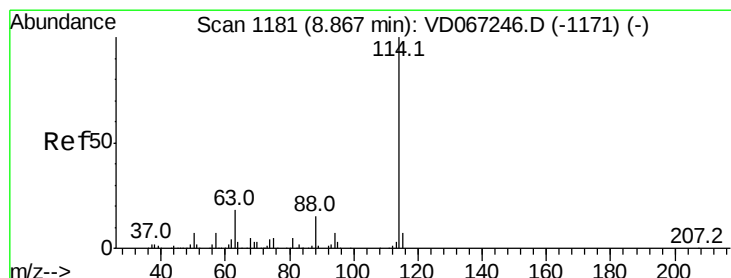
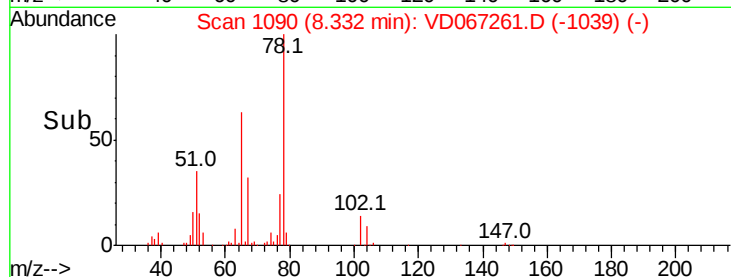
60000

40000

20000

0

Time--> 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

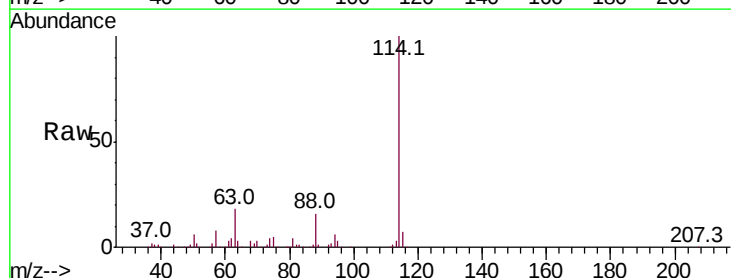
Tgt Ion: 114 Resp: 492695

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 15.6 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

300000

250000

200000

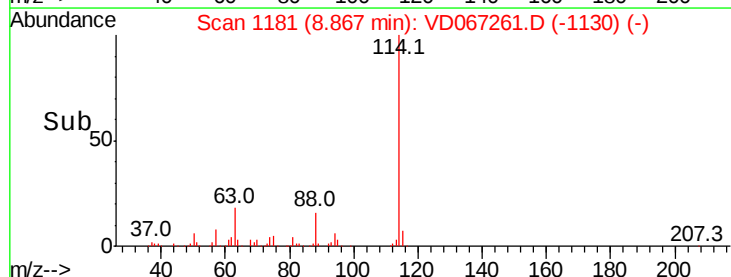
150000

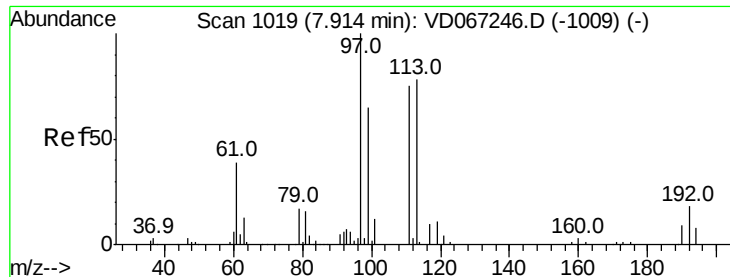
100000

50000

0

Time--> 8.80 8.90

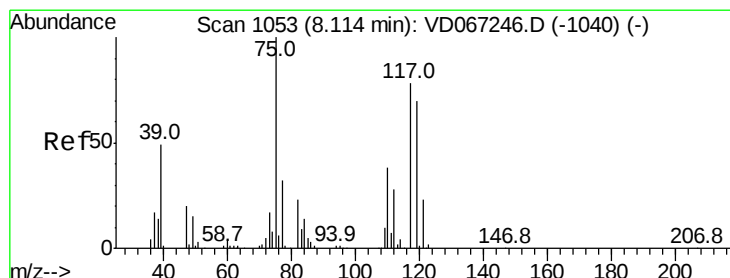
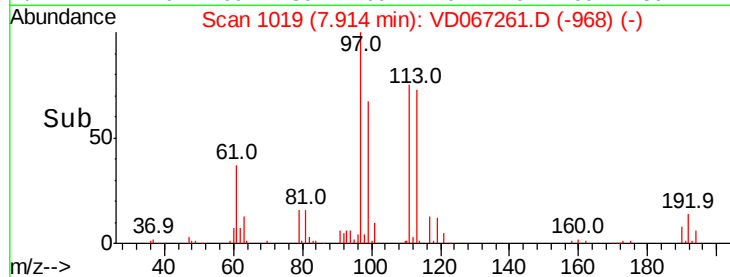
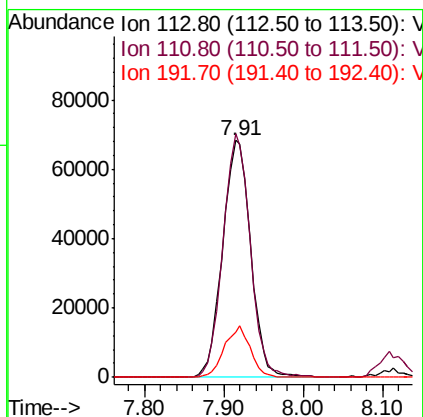
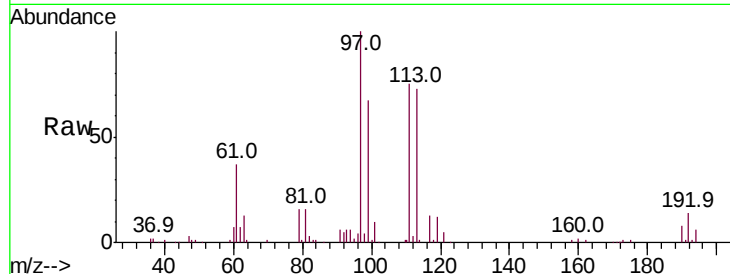




#35
 Dibromofluoromethane
 Concen: 51.036 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067261.D
 Acq: 14 Oct 2020 10:26

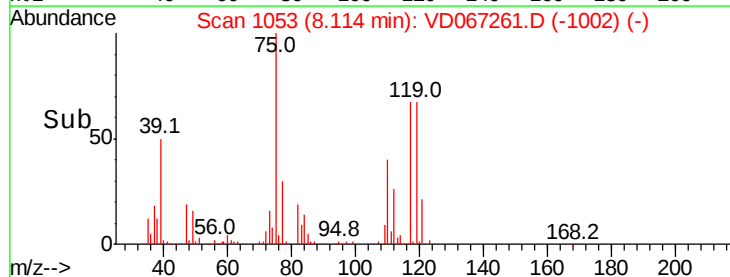
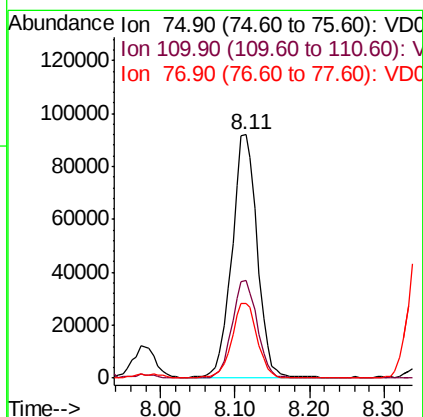
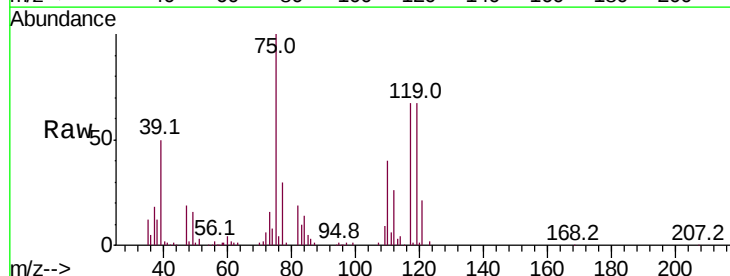
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

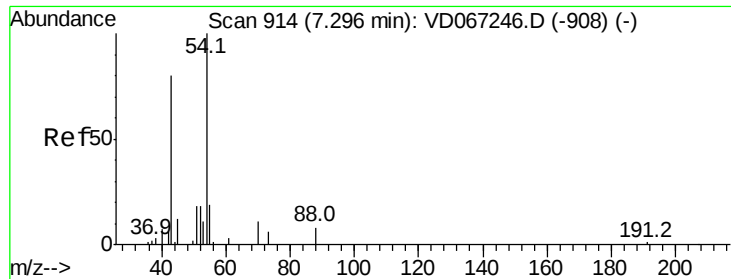
Tot Ion:113 Resp: 167342
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.6 122.4
 192 20.0 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 51.809 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067261.D
 Acq: 14 Oct 2020 10:26

Tgt Ion: 75 Resp: 216351
 Ion Ratio Lower Upper
 75 100
 110 39.9 19.6 58.7
 77 31.1 24.6 37.0

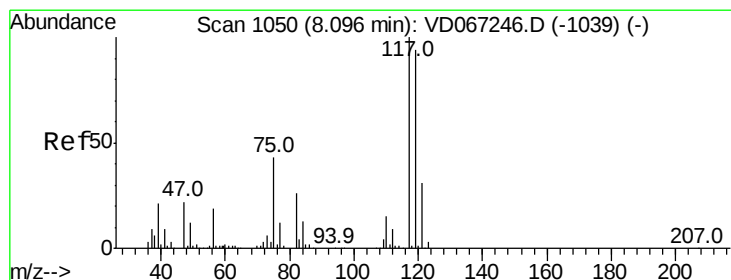
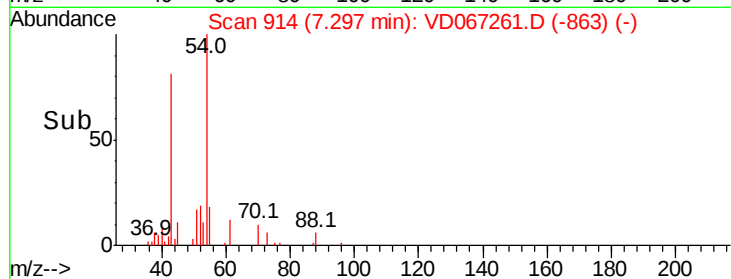
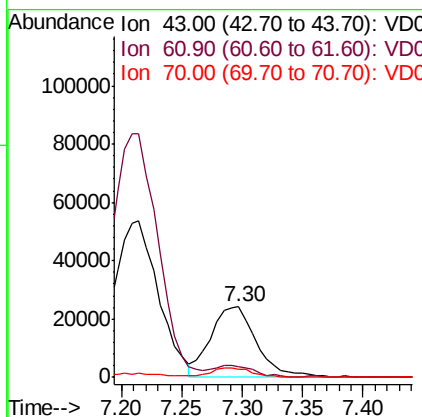
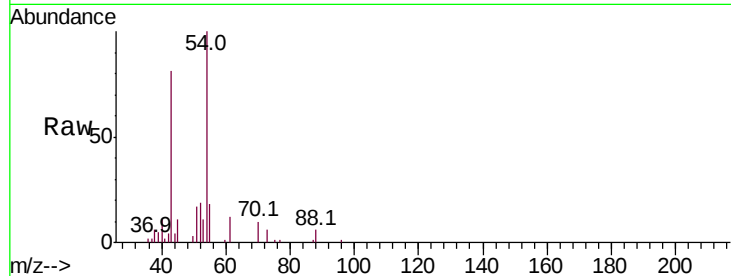




#37
Ethyl Acetate
Concen: 51.027 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

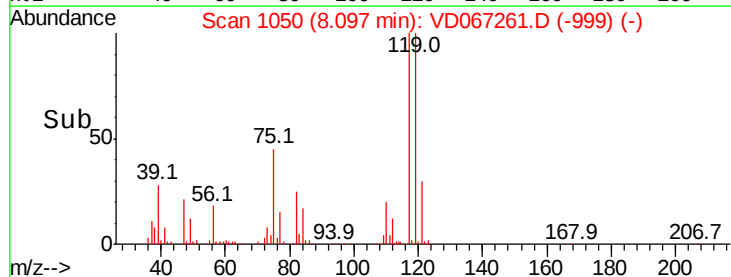
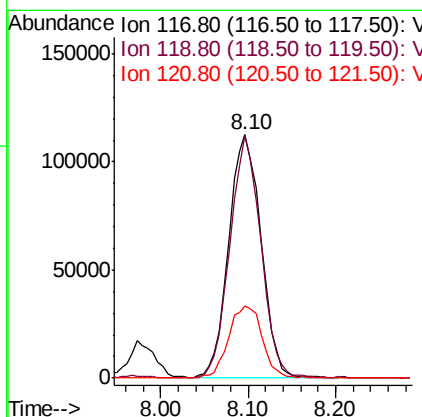
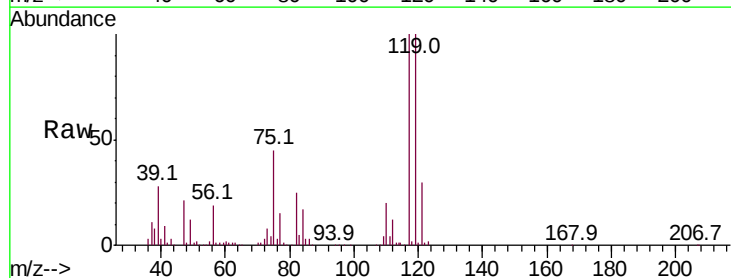
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

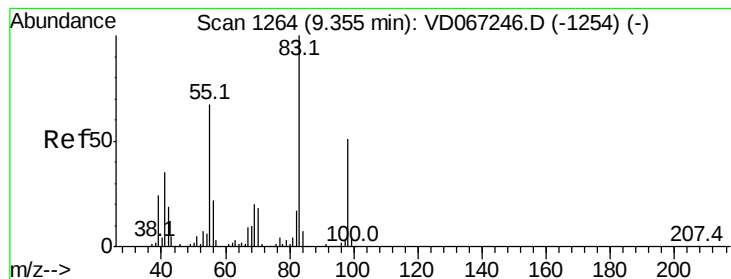
Tot Ion: 43 Resp: 62693
Ion Ratio Lower Upper
43 100
61 14.7 15.6 23.4#
70 12.8 10.4 15.6



#38
Carbon Tetrachloride
Concen: 52.729 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Tgt Ion: 117 Resp: 281425
Ion Ratio Lower Upper
117 100
119 99.7 75.0 112.4
121 29.6 24.9 37.3





#39

Methvlcvclohexane

Concen: 53.735 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

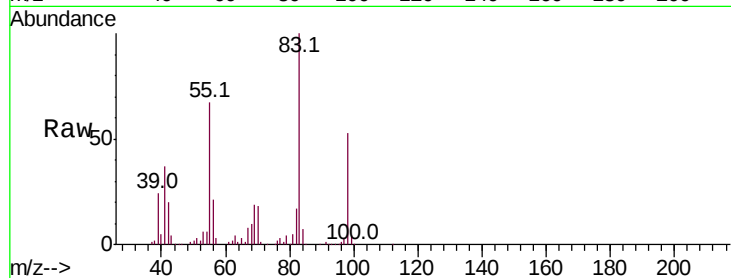
Tot Ion: 83 Resp: 234584

Ion Ratio Lower Upper

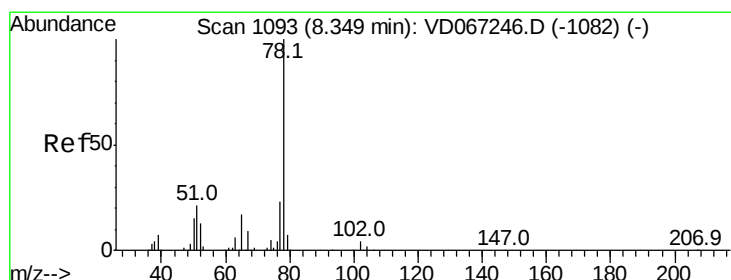
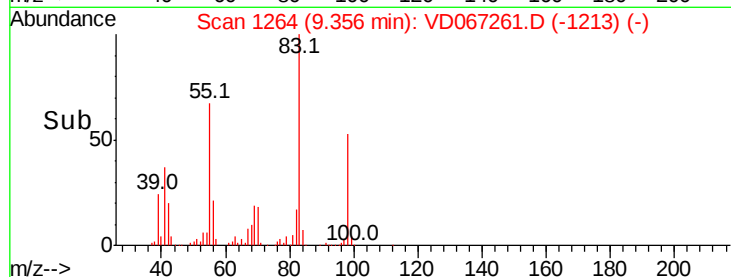
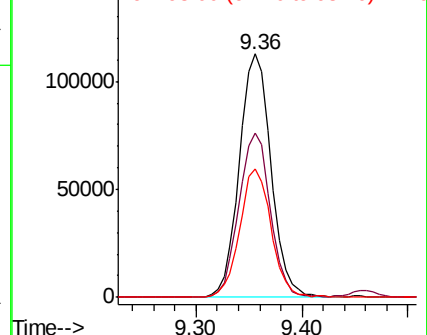
83 100

55 67.2 53.3 79.9

98 52.7 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: 51.859 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VD067261.D

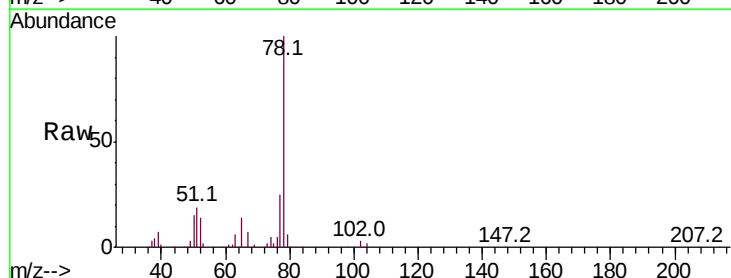
Acq: 14 Oct 2020 10:26

Tgt Ion: 78 Resp: 594109

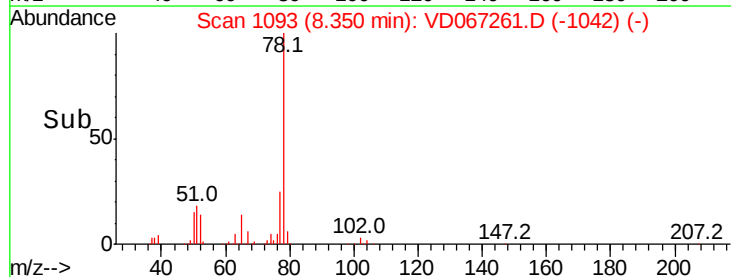
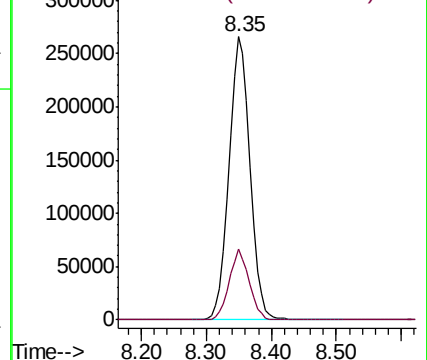
Ion Ratio Lower Upper

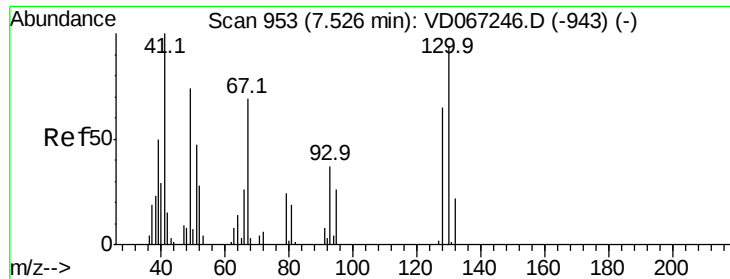
78 100

77 24.9 18.3 27.5



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

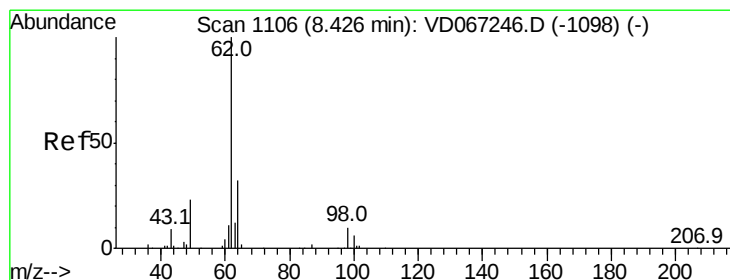
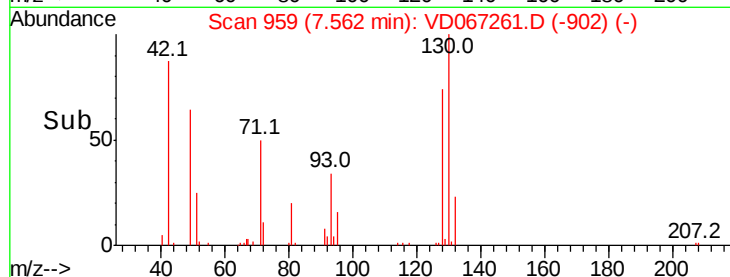
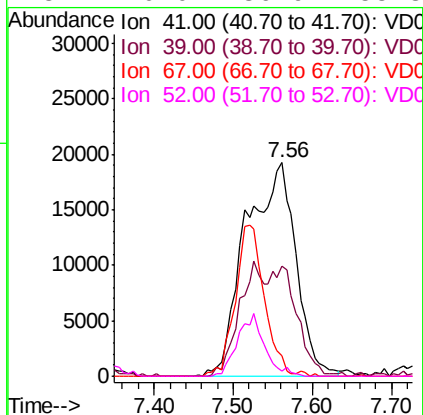
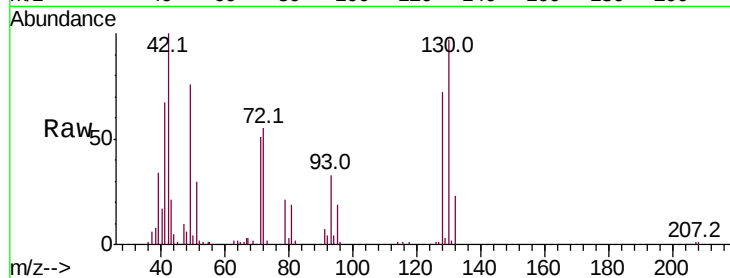




#41
Methacrylonitrile
Concen: 126.546 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

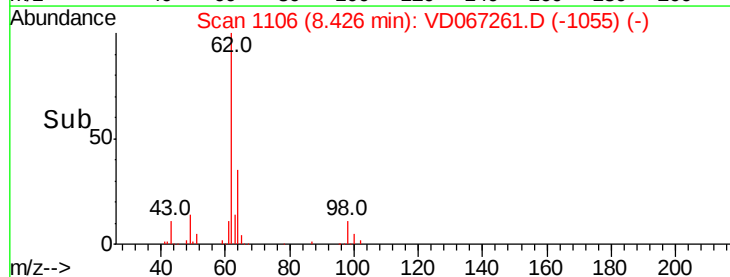
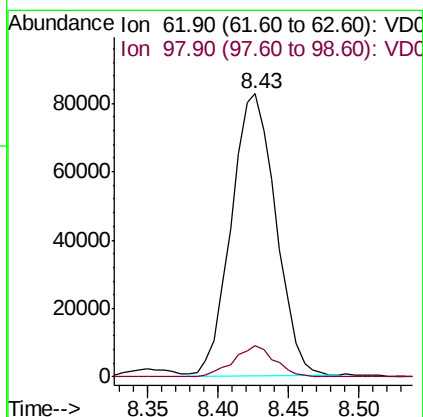
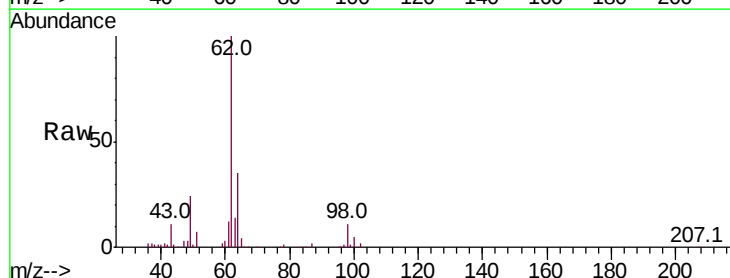
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

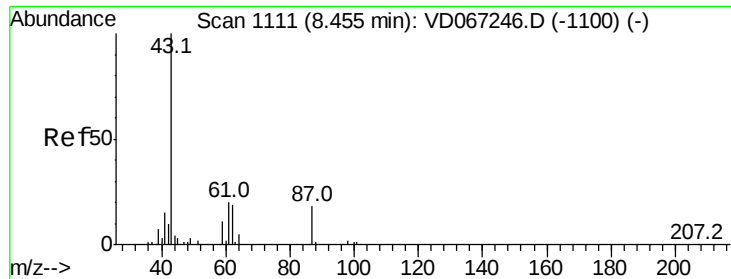
Tot Ion: 41 Resp: 84018
Ion Ratio Lower Upper
41 100
39 0.0 60.0 90.0#
67 0.0 88.9 133.3#
52 0.0 36.9 55.3#



#42
1,2-Dichloroethane
Concen: 50.910 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Tgt Ion: 62 Resp: 182522
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.4





#43

Isopropyl Acetate

Concen: 50.137 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

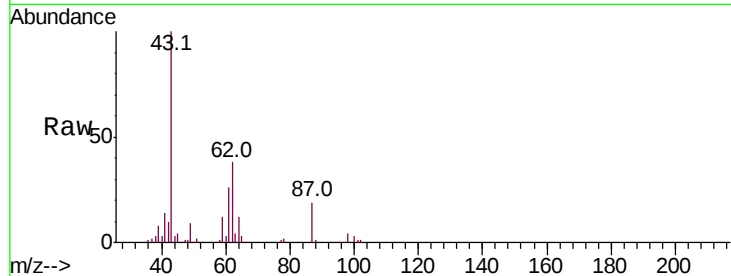
Tot Ion: 43 Resp: 122229

Ion Ratio Lower Upper

43 100

61 37.3 29.5 44.3

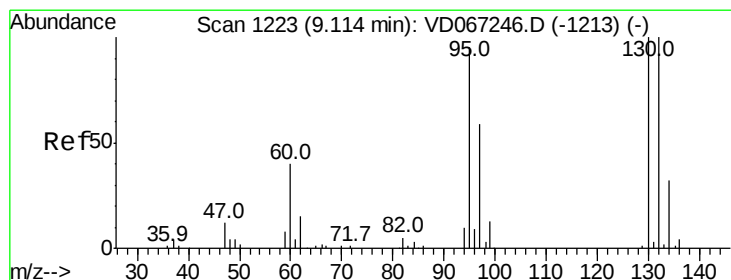
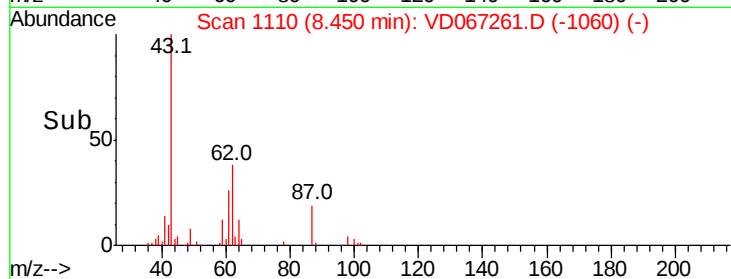
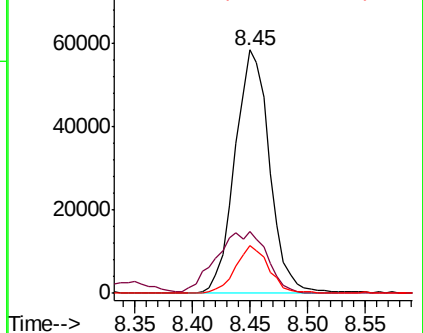
87 18.7 14.2 21.4



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: 51.334 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067261.D

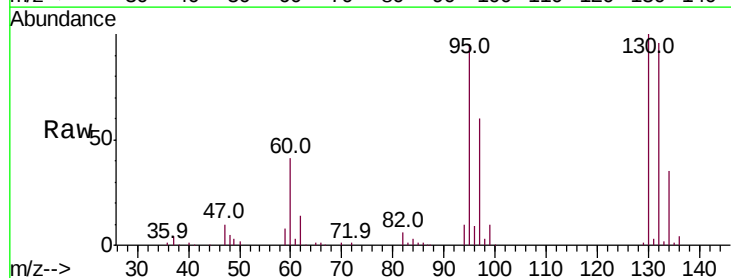
Acq: 14 Oct 2020 10:26

Tgt Ion:130 Resp: 188291

Ion Ratio Lower Upper

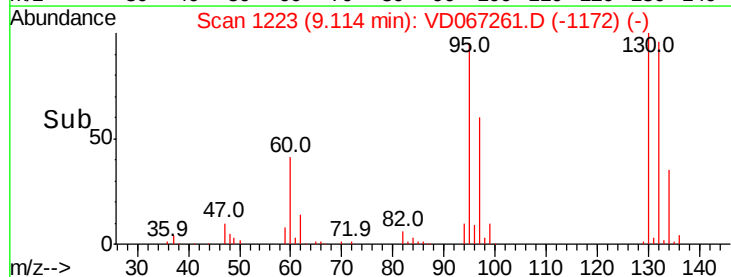
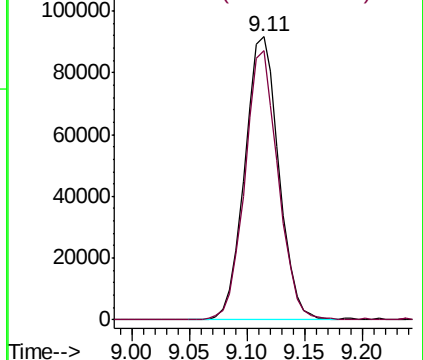
130 100

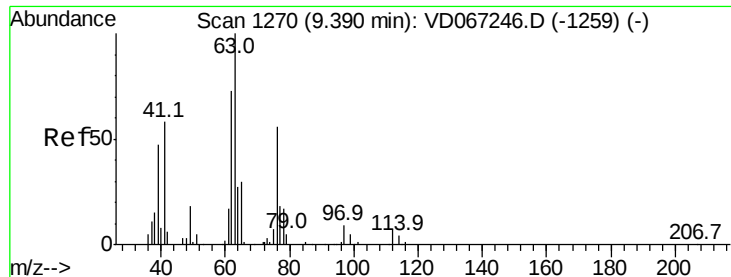
95 95.2 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 51.467 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

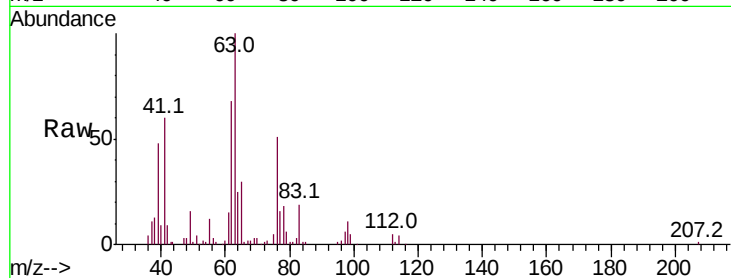
VSTDCCC050

Tot Ion: 63 Resp: 136648

Ion Ratio Lower Upper

63 100

65 30.1 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

60000

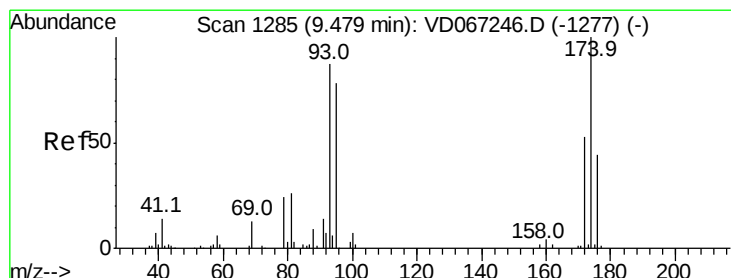
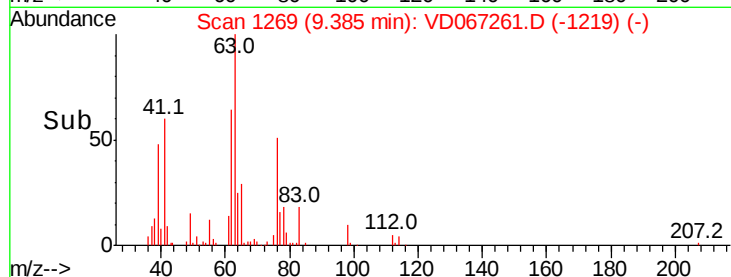
40000

20000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 51.189 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

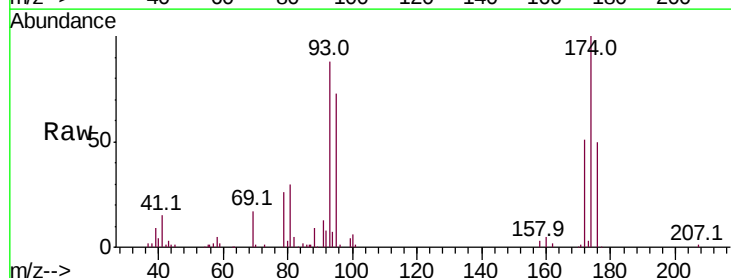
Tgt Ion: 93 Resp: 84678

Ion Ratio Lower Upper

93 100

95 82.2 68.0 102.0

174 108.1 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

60000

50000

40000

30000

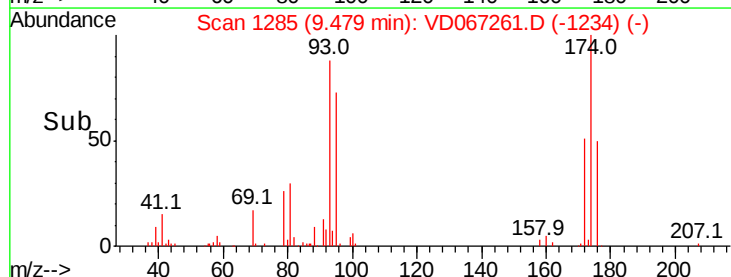
20000

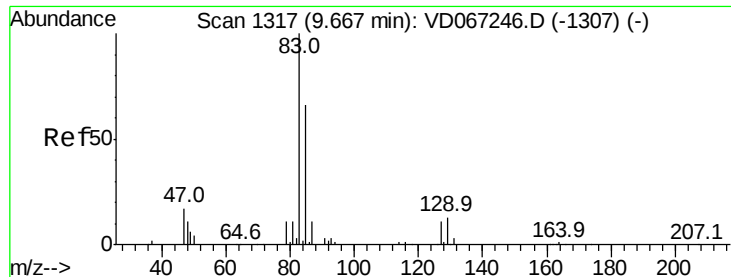
10000

0

9.40 9.45 9.50 9.55 9.60

Time-->





#47

Bromodichloromethane

Concen: 51.861 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

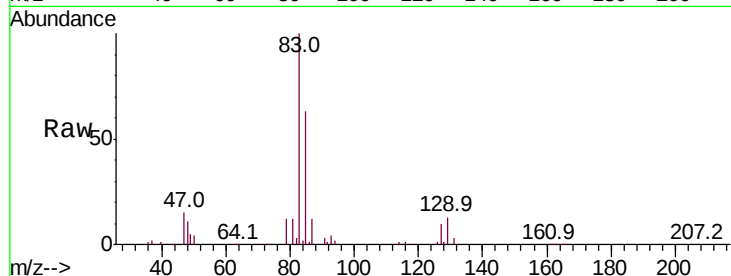
Tot Ion: 83 Resp: 229850

Ion Ratio Lower Upper

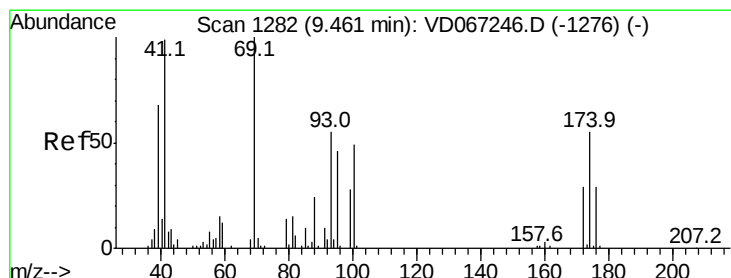
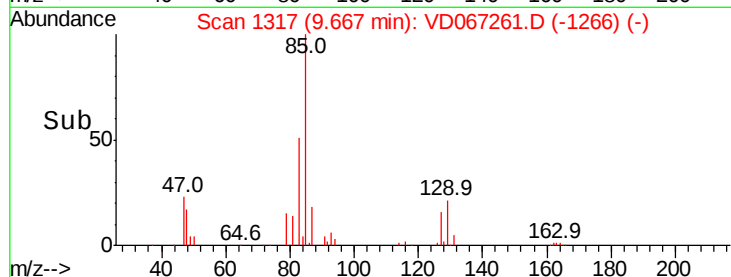
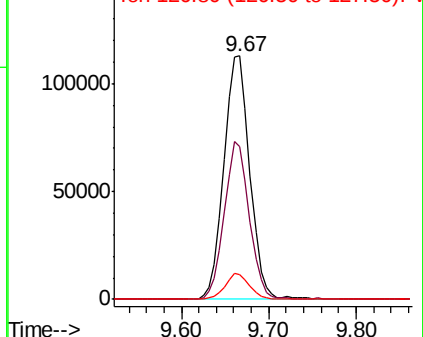
83 100

85 62.8 53.1 79.7

127 10.0 8.6 13.0



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



#48

Methyl methacrylate

Concen: 50.044 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

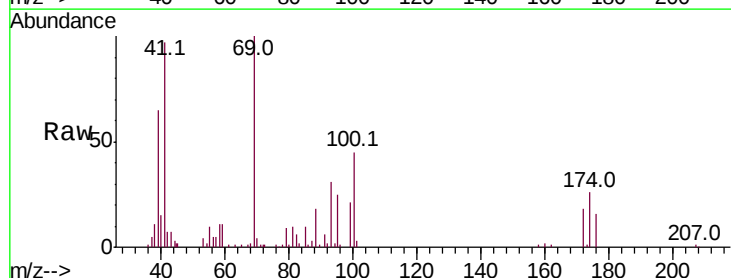
Tgt Ion: 41 Resp: 59290

Ion Ratio Lower Upper

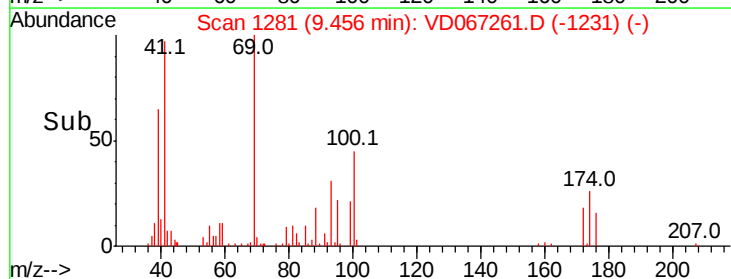
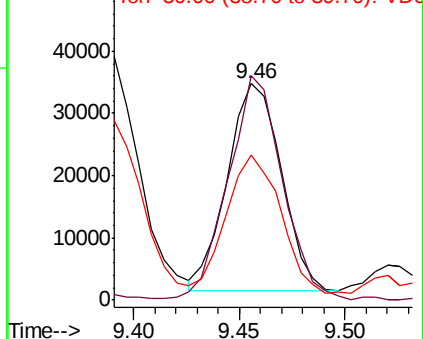
41 100

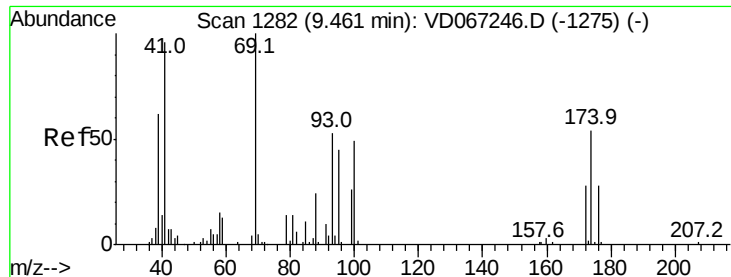
69 108.6 89.0 133.6

39 75.1 60.2 90.2



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 1049.248 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

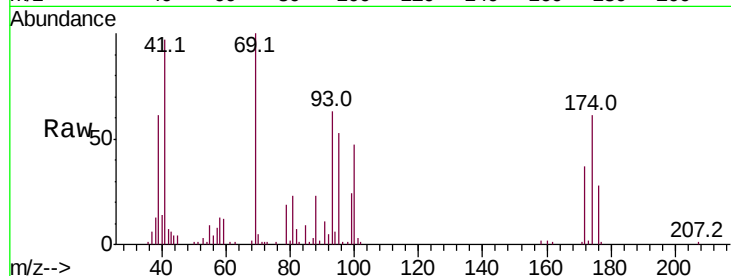
Tot Ion: 88 Resp: 16773

Ion Ratio Lower Upper

88 100

43 30.7 23.9 35.9

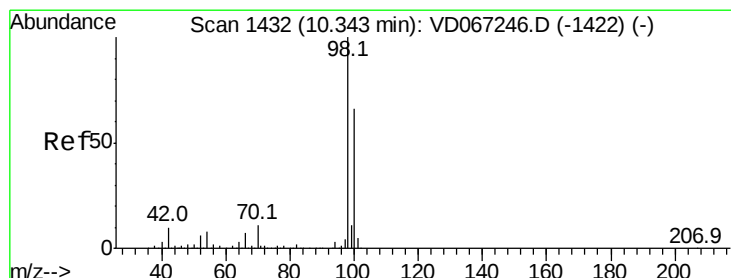
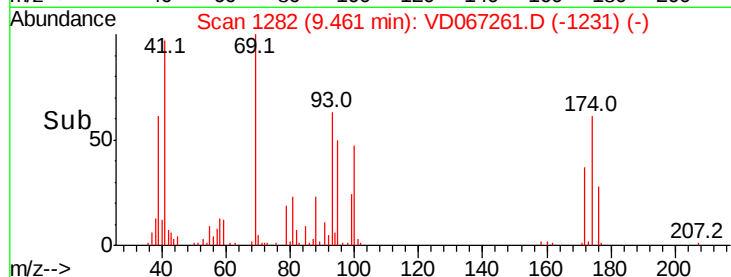
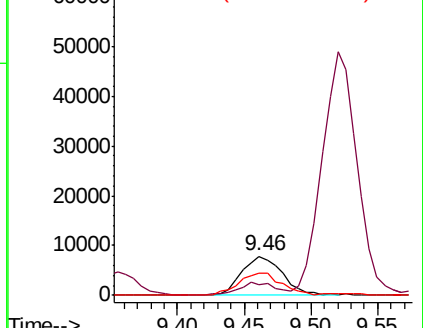
58 58.9 51.0 76.6



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 51.124 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067261.D

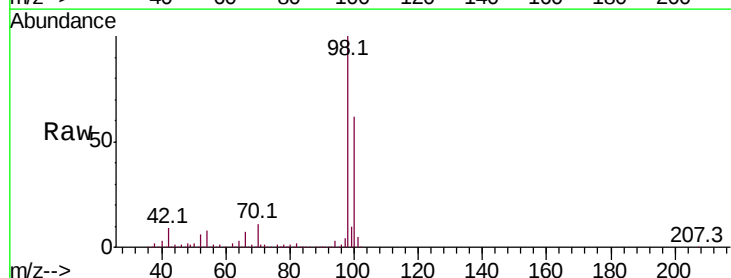
Acq: 14 Oct 2020 10:26

Tgt Ion: 98 Resp: 606637

Ion Ratio Lower Upper

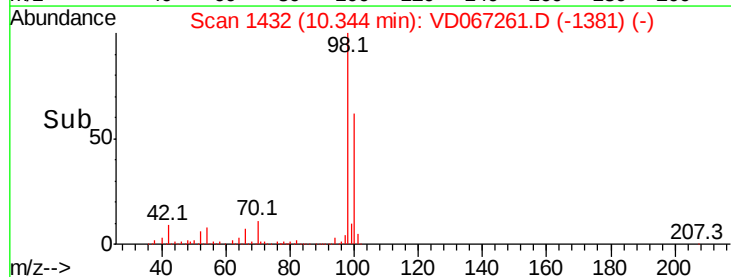
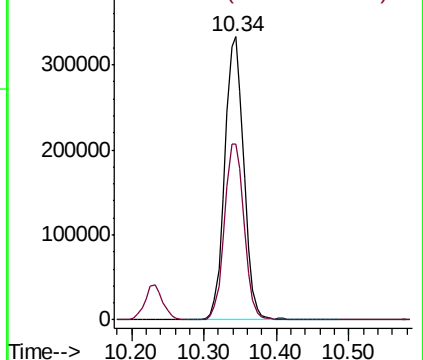
98 100

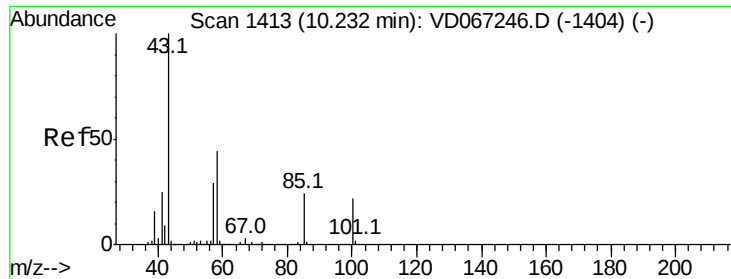
100 64.6 53.1 79.7



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: 258.415 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

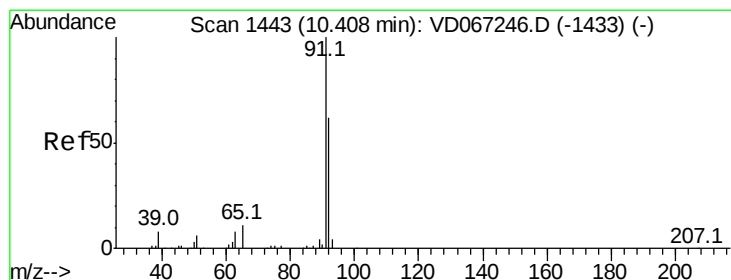
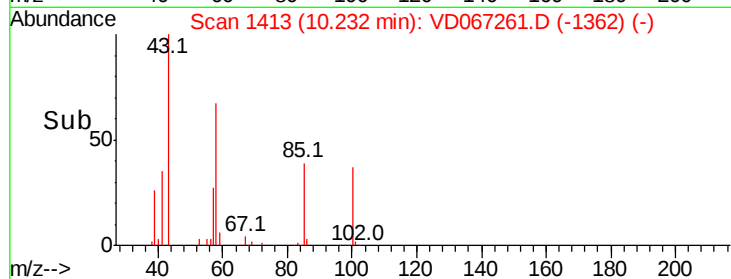
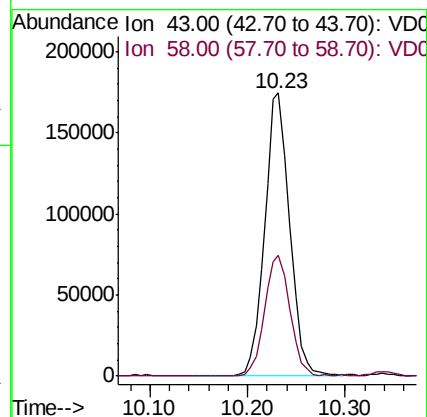
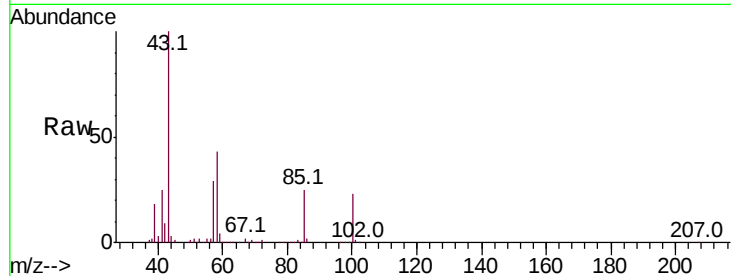
VSTDCCC050

Tot Ion: 43 Resp: 314223

Ion Ratio Lower Upper

43 100

58 43.7 35.7 53.5



#52

Toluene

Concen: 53.150 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067261.D

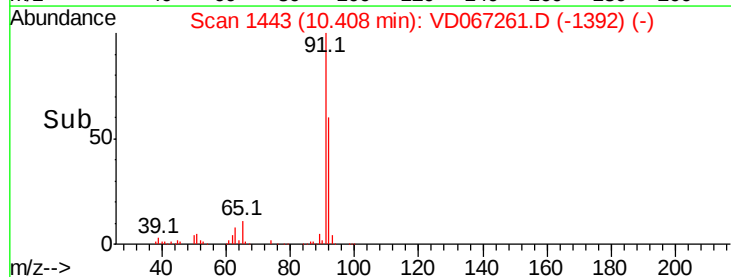
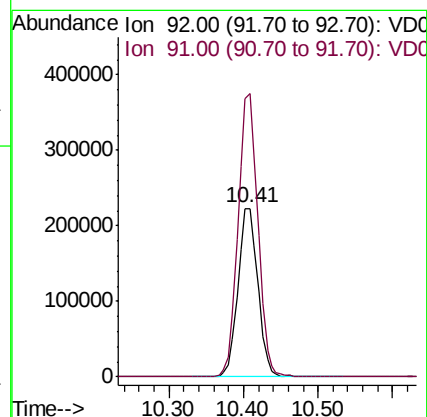
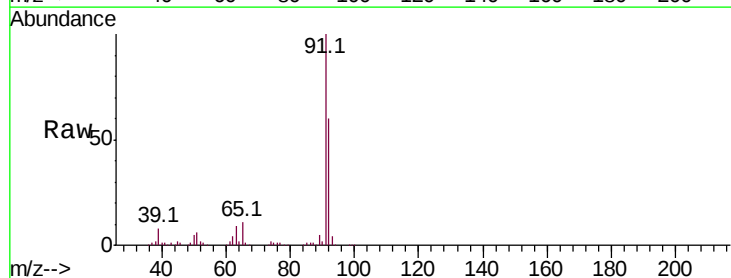
Acq: 14 Oct 2020 10:26

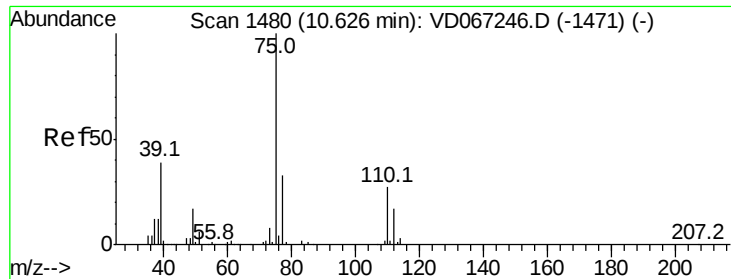
Tgt Ion: 92 Resp: 414721

Ion Ratio Lower Upper

92 100

91 167.7 133.8 200.8

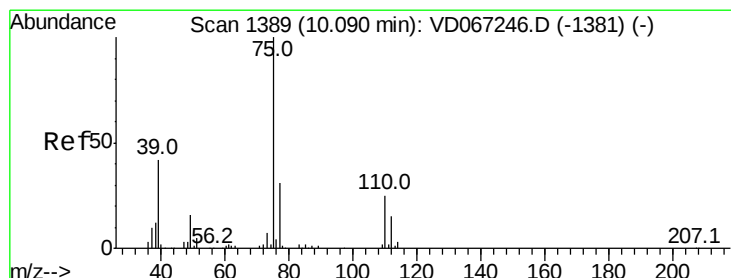
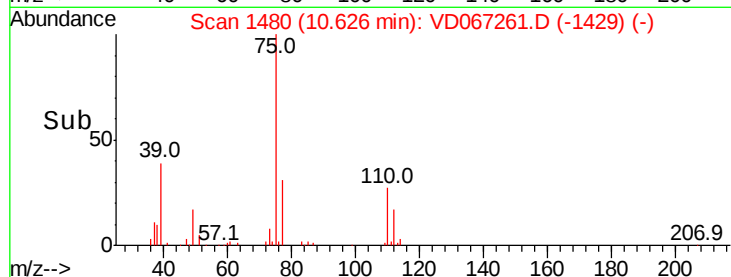
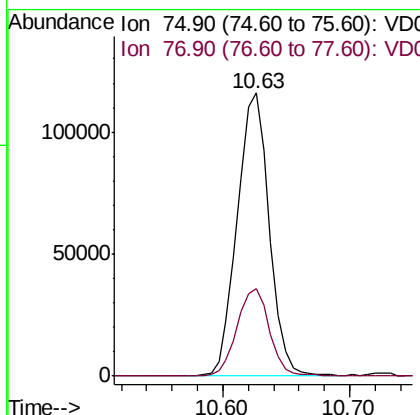
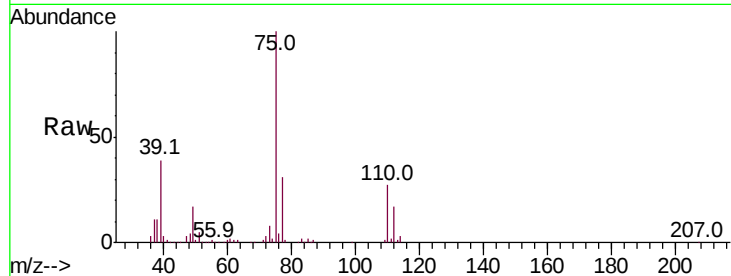




#53
 t-1,3-Dichloropropene
 Concen: 52.308 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VD067261.D
 Acq: 14 Oct 2020 10:26

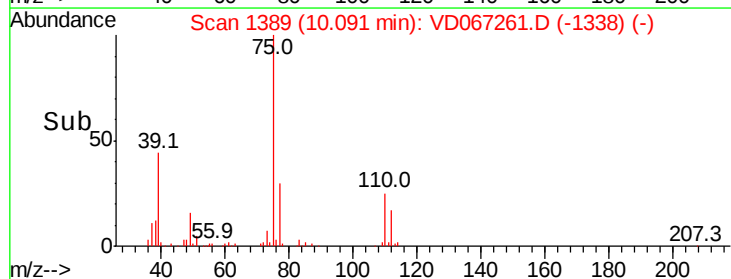
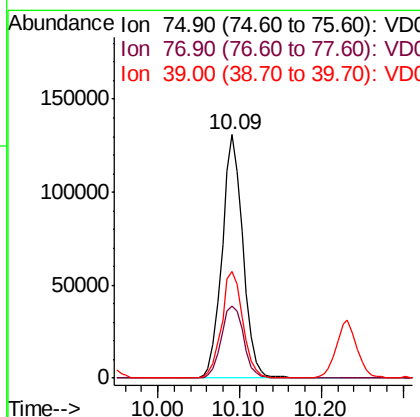
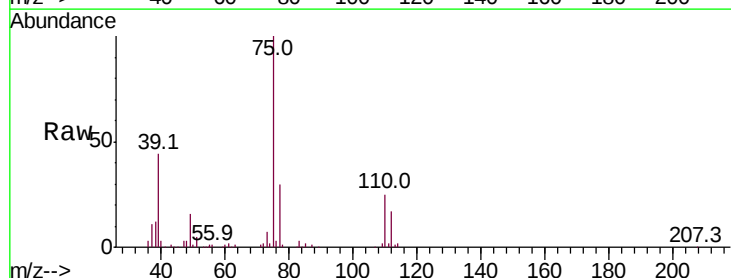
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

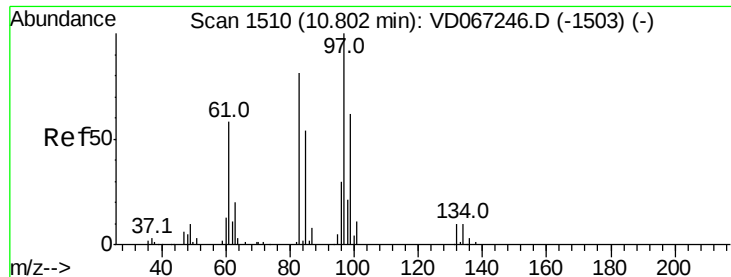
Tot Ion: 75 Resp: 203653
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 50.869 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VD067261.D
 Acq: 14 Oct 2020 10:26

Tgt Ion: 75 Resp: 231781
 Ion Ratio Lower Upper
 75 100
 77 29.9 24.5 36.7
 39 43.4 33.7 50.5





#55

1,1,2-Trichloroethane

Concen: 51.350 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 115833

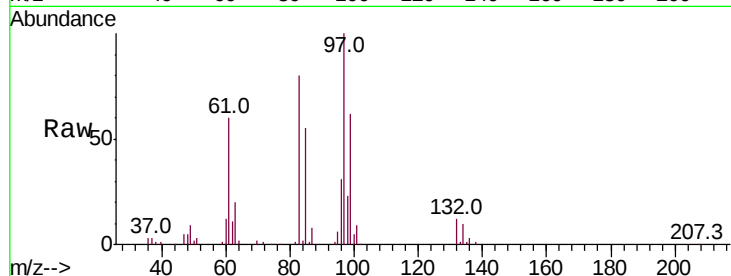
Ion Ratio Lower Upper

97 100

83 80.4 64.9 97.3

85 54.8 43.3 64.9

99 62.4 49.1 73.7

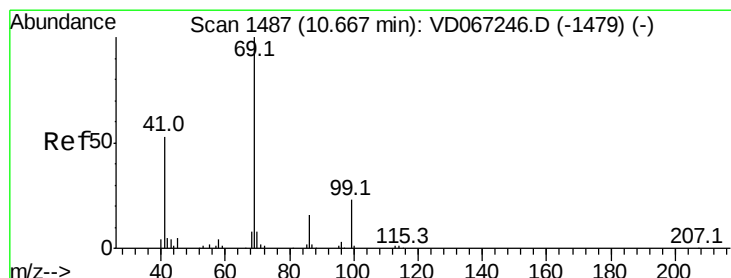
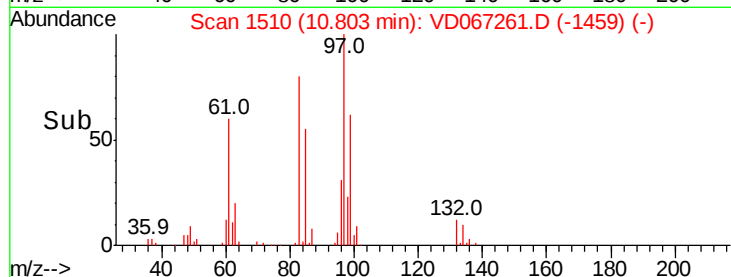
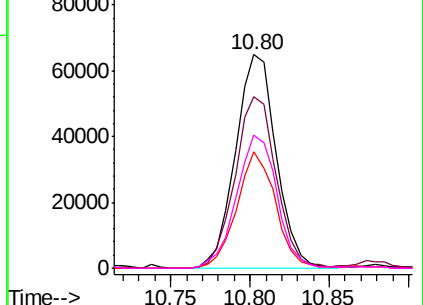


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 54.112 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

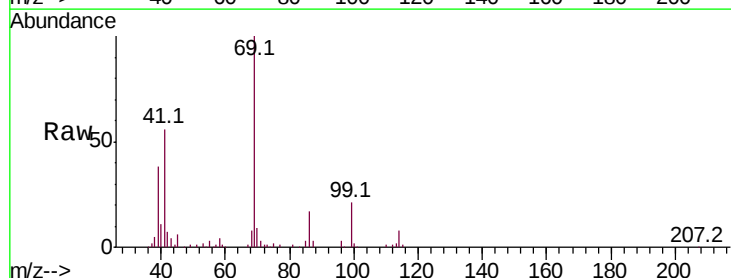
Tgt Ion: 69 Resp: 126595

Ion Ratio Lower Upper

69 100

41 53.1 44.7 67.1

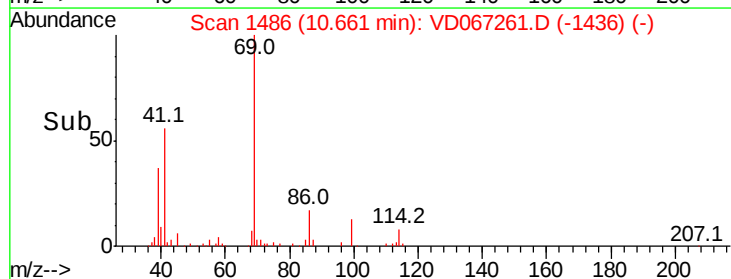
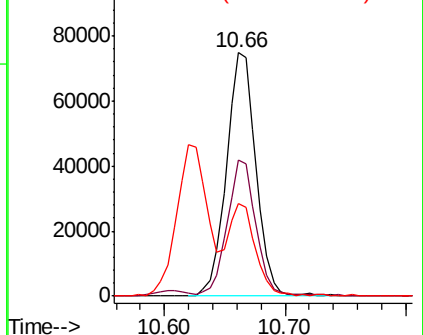
39 35.6 26.2 39.2

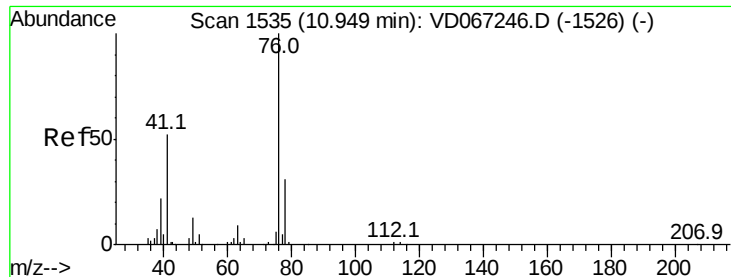


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 51.054 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

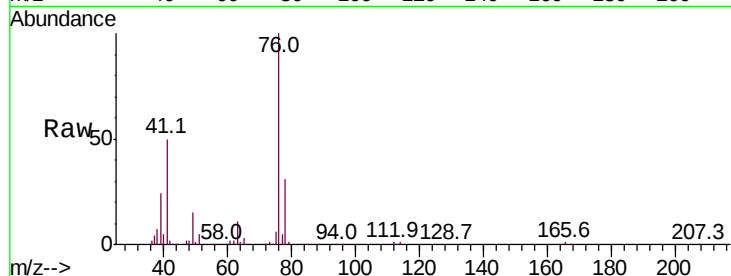
VSTDCCC050

Tot Ion: 76 Resp: 183278

Ion Ratio Lower Upper

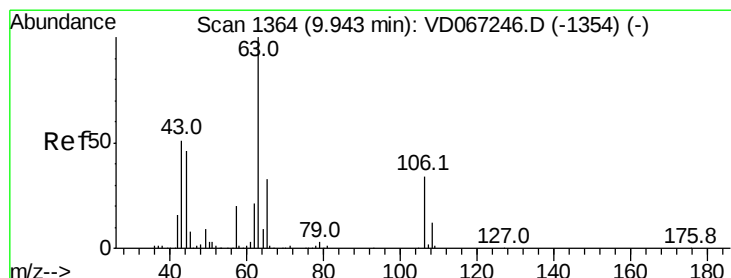
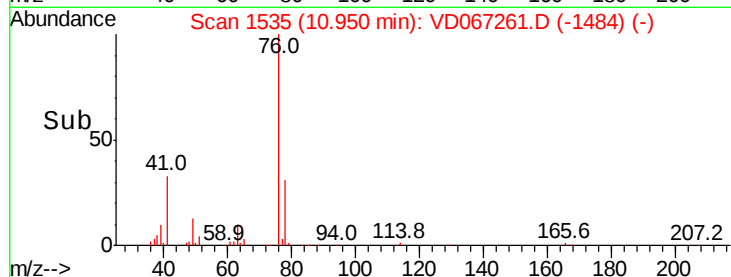
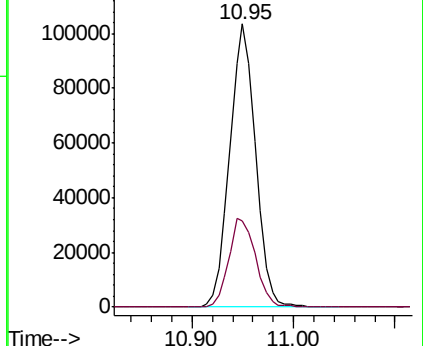
76 100

78 32.5 26.8 40.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 275.242 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067261.D

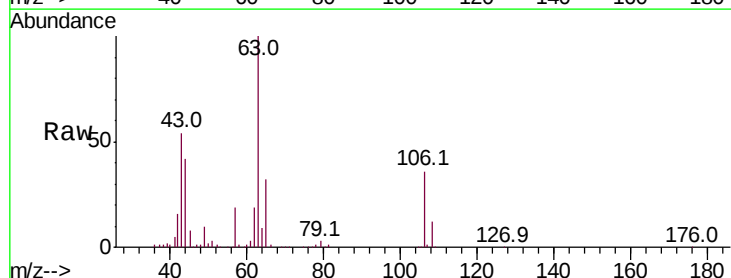
Acq: 14 Oct 2020 10:26

Tgt Ion: 63 Resp: 330333

Ion Ratio Lower Upper

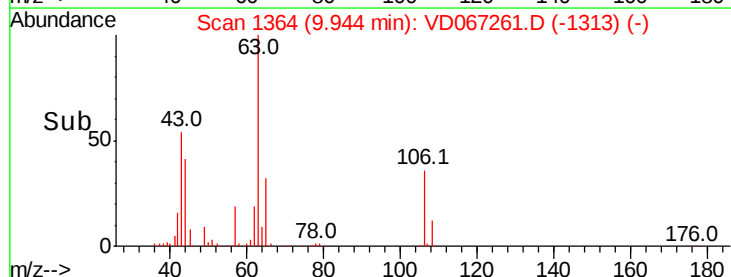
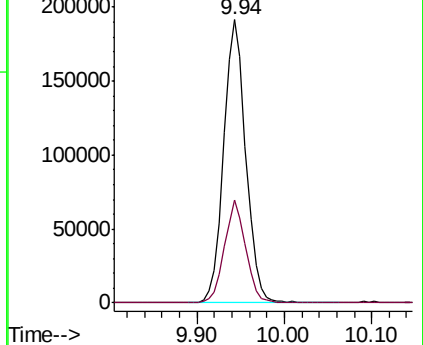
63 100

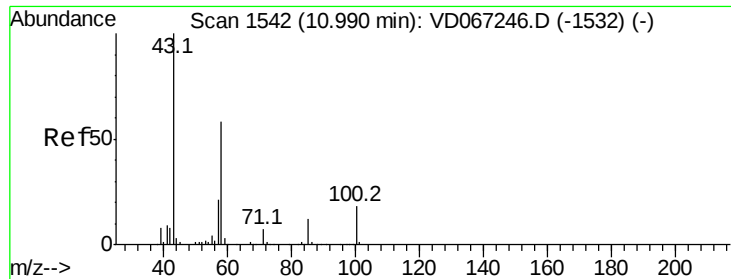
106 34.5 27.8 41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

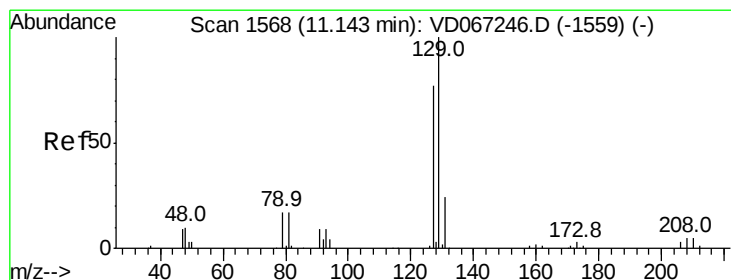
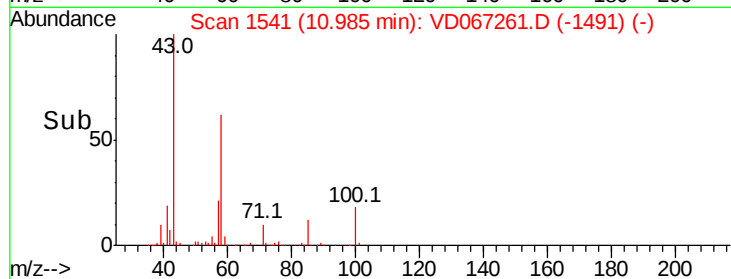
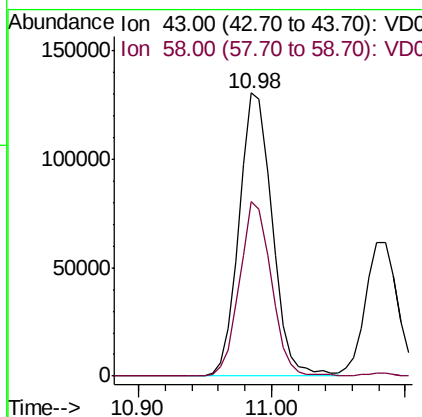
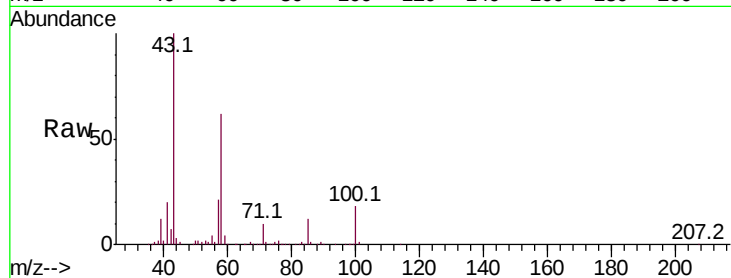




#59
2-Hexanone
Concen: 270.500 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

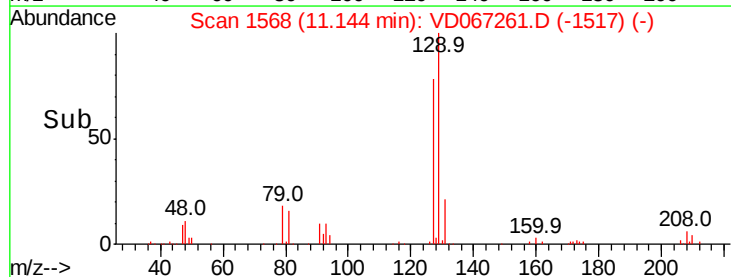
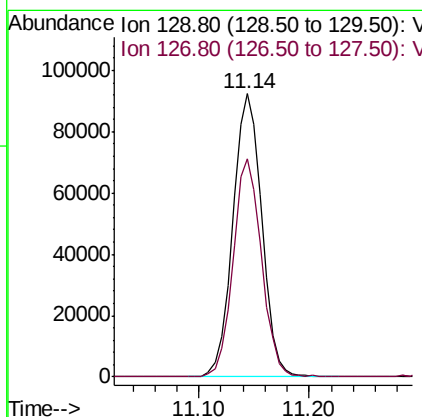
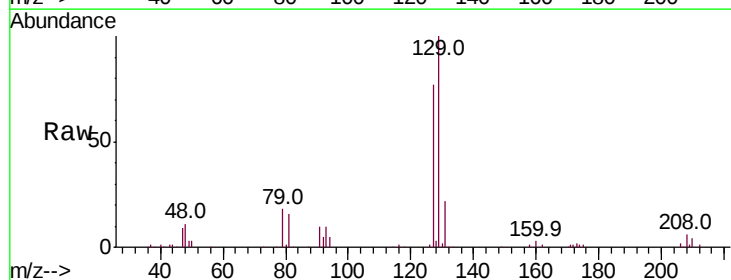
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

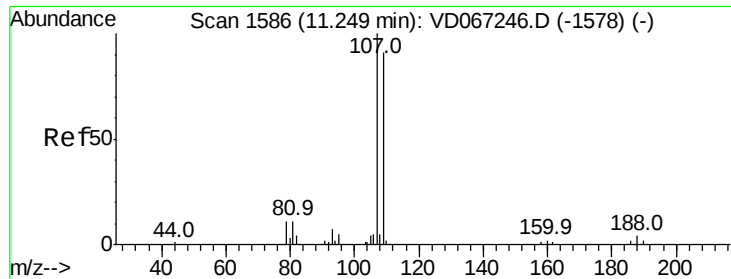
Tot Ion: 43 Resp: 224759
Ion Ratio Lower Upper
43 100
58 59.0 29.3 87.9



#60
Dibromochloromethane
Concen: 51.691 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Tgt Ion: 129 Resp: 170049
Ion Ratio Lower Upper
129 100
127 75.3 38.3 114.8

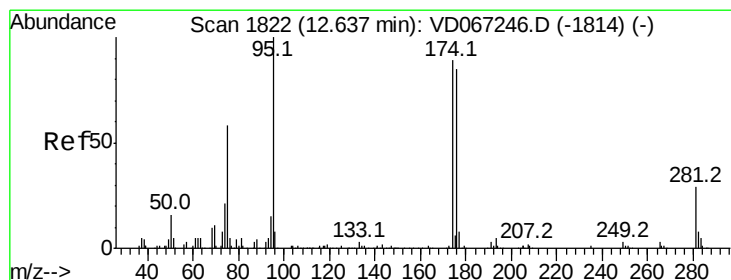
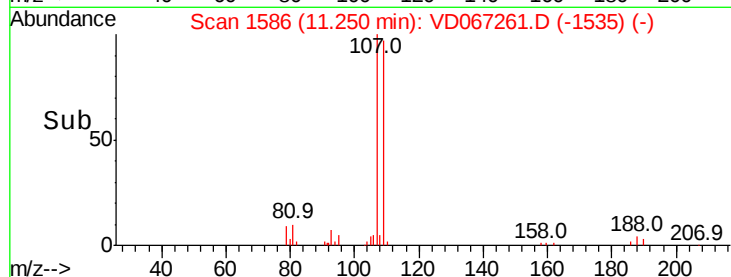
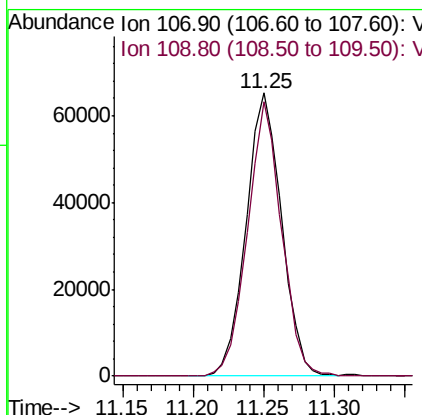
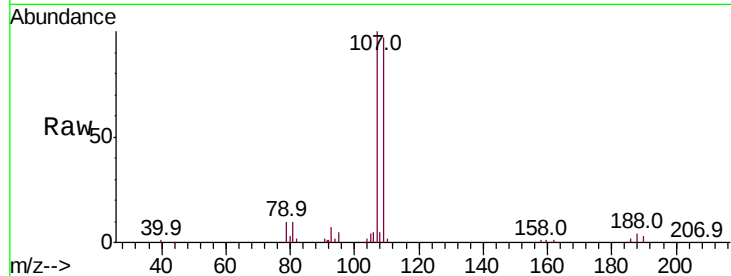




#61
 1,2-Dibromoethane
 Concen: 51.739 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067261.D
 Acq: 14 Oct 2020 10:26

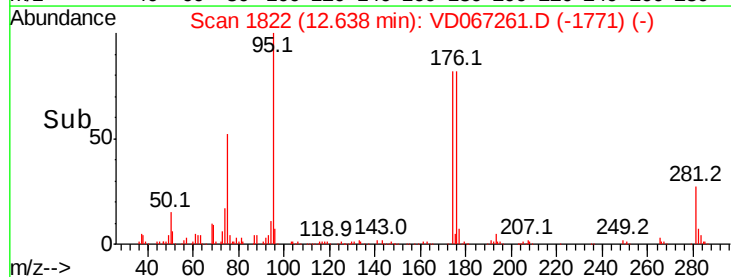
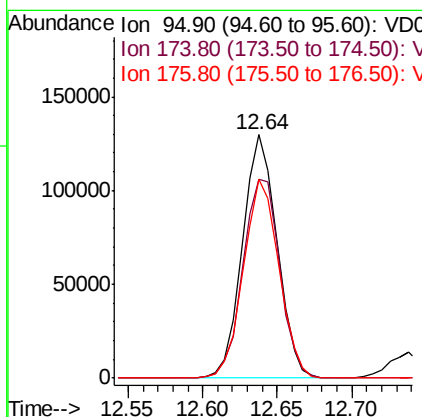
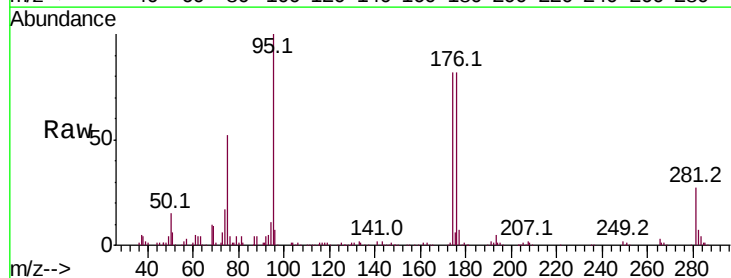
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

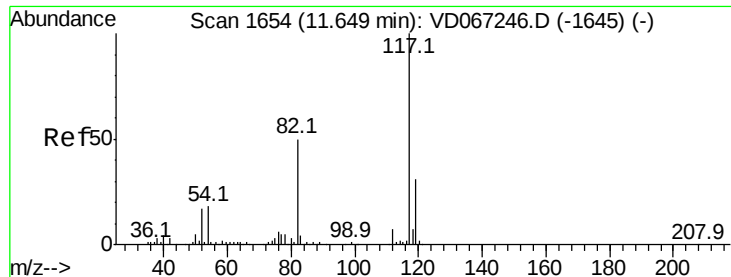
Tot Ion:107 Resp: 115062
 Ion Ratio Lower Upper
 107 100
 109 93.2 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 50.386 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067261.D
 Acq: 14 Oct 2020 10:26

Tgt Ion: 95 Resp: 207895
 Ion Ratio Lower Upper
 95 100
 174 87.2 0.0 175.2
 176 84.2 0.0 168.6

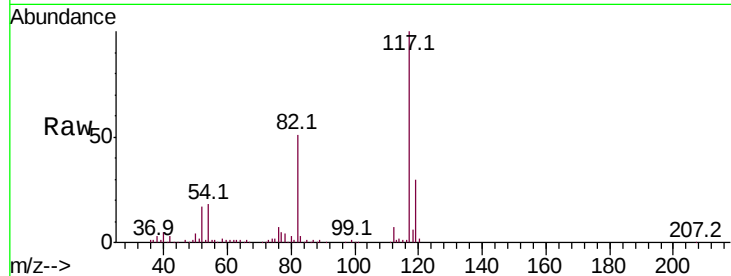




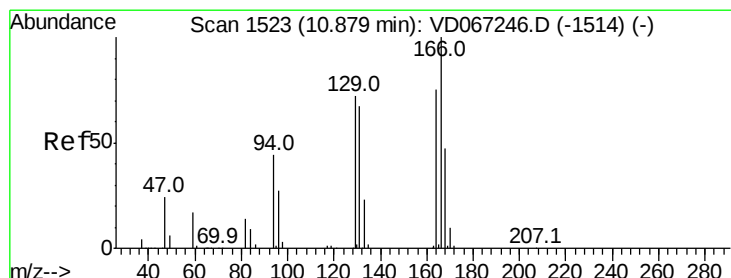
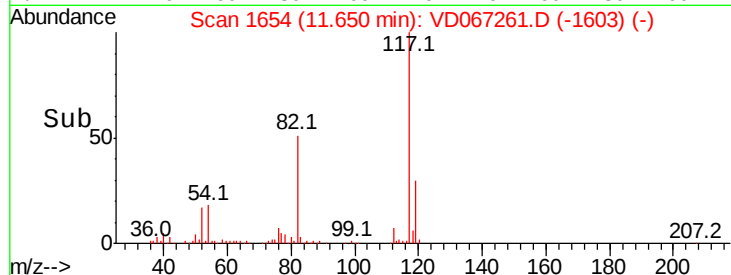
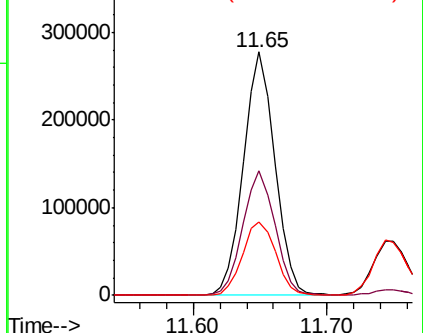
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 452456
Ion Ratio Lower Upper
117 100
82 51.2 39.9 59.9
119 30.0 24.9 37.3

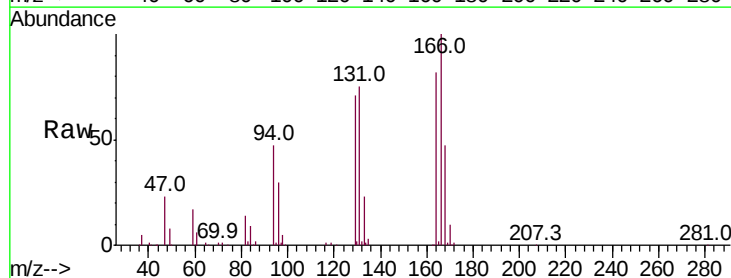


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

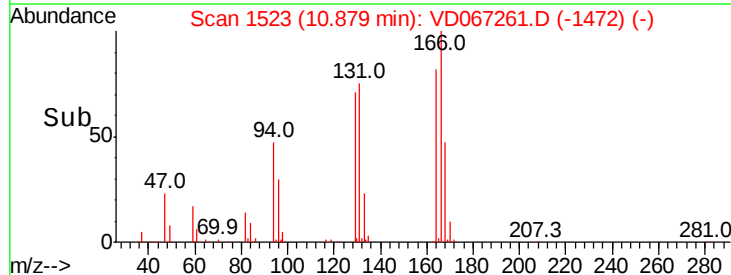
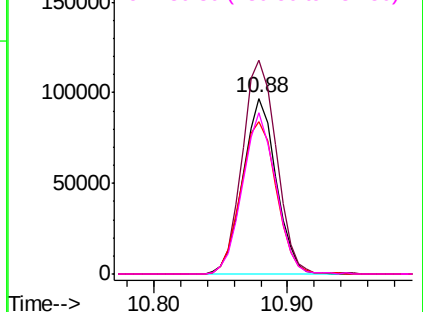


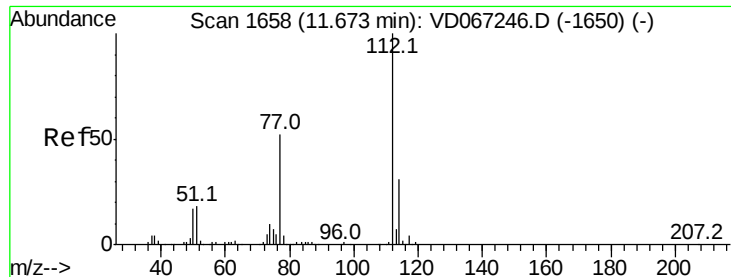
#64
Tetrachloroethene
Concen: 50.816 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Tgt Ion:164 Resp: 166583
Ion Ratio Lower Upper
164 100
166 121.8 107.3 160.9
129 86.7 77.3 115.9
131 91.6 71.4 107.2



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





#65

Chlorobenzene

Concen: 51.481 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

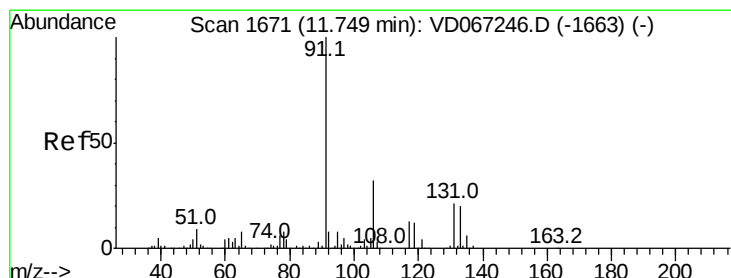
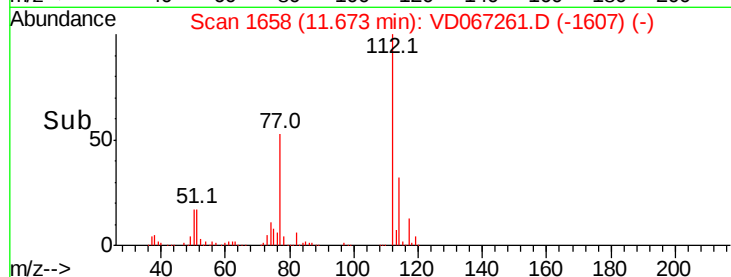
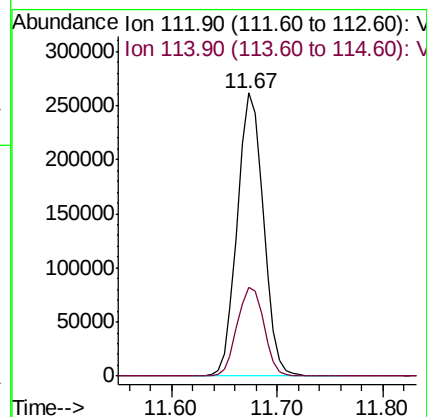
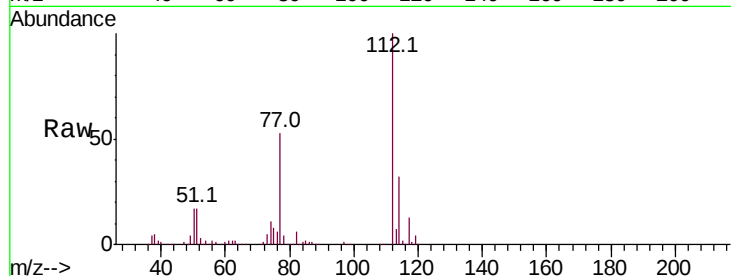
VSTDCCC050

Tot Ion:112 Resp: 446669

Ion Ratio Lower Upper

112 100

114 31.6 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 51.648 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

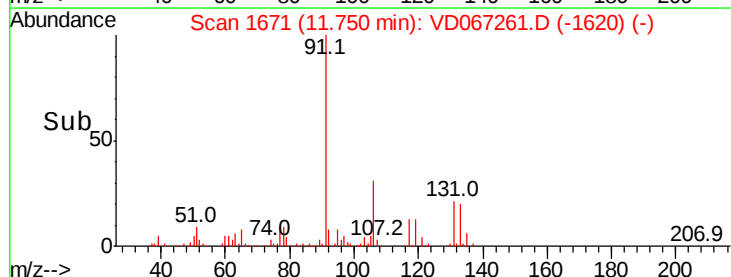
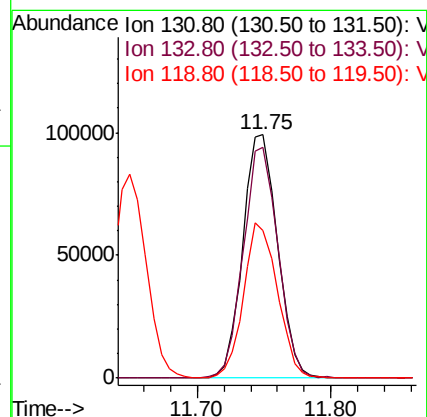
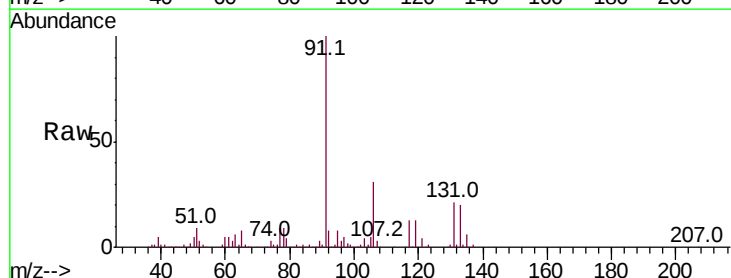
Tgt Ion:131 Resp: 178100

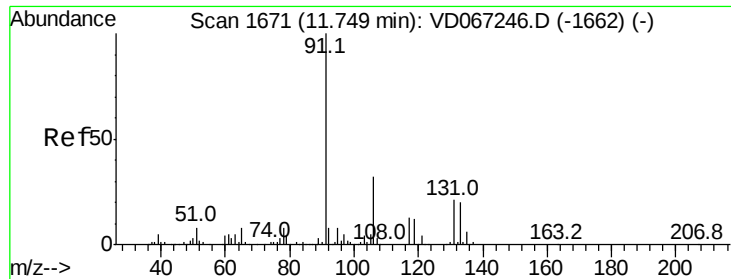
Ion Ratio Lower Upper

131 100

133 94.8 48.1 144.3

119 62.5 30.0 90.0





#67

Ethyl Benzene

Concen: 53.251 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

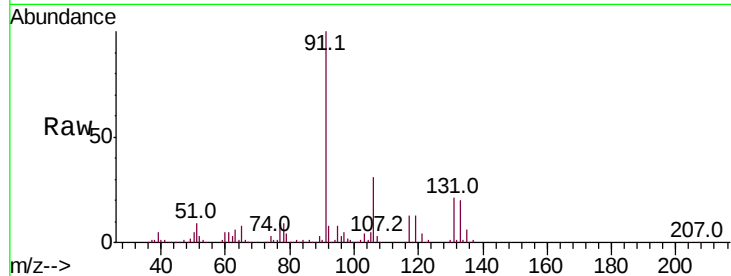
VSTDCCC050

Tot Ion: 91 Resp: 791997

Ion Ratio Lower Upper

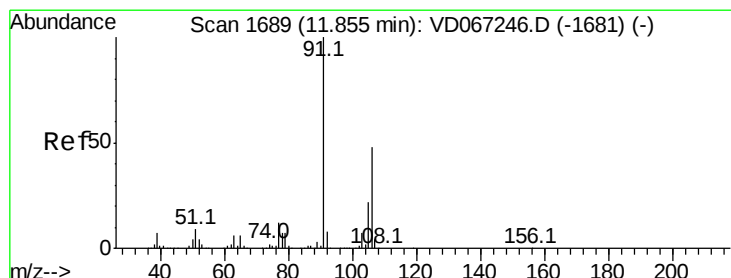
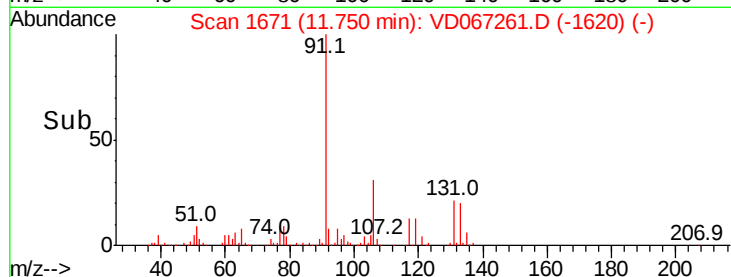
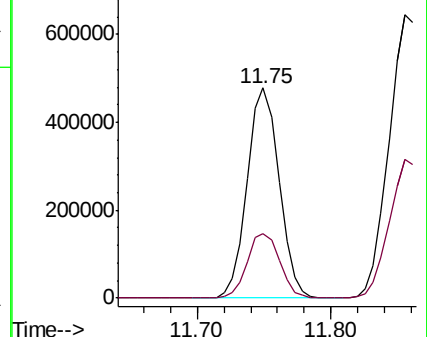
91 100

106 30.7 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: 106.699 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067261.D

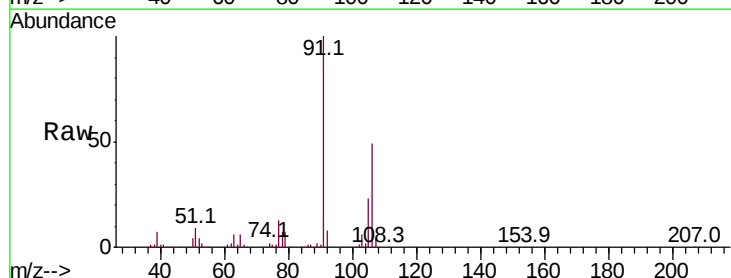
Acq: 14 Oct 2020 10:26

Tgt Ion: 106 Resp: 611101

Ion Ratio Lower Upper

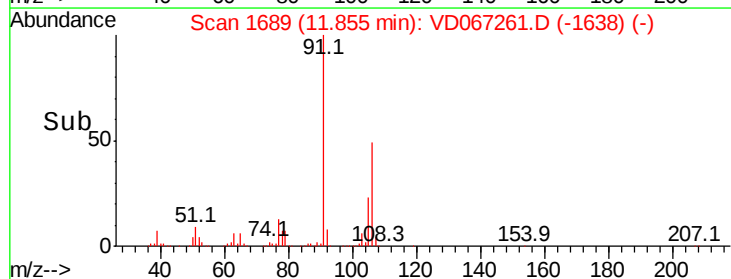
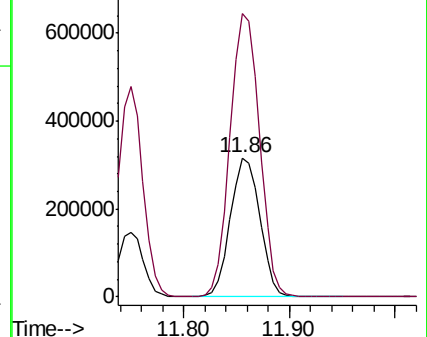
106 100

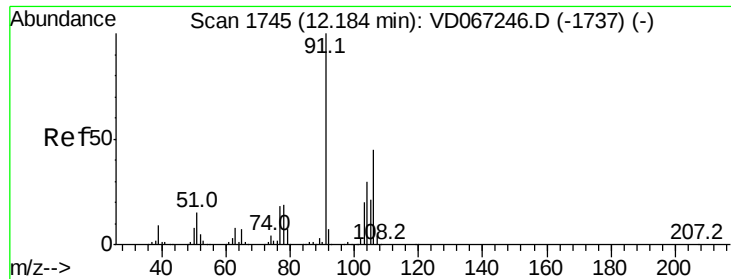
91 203.7 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

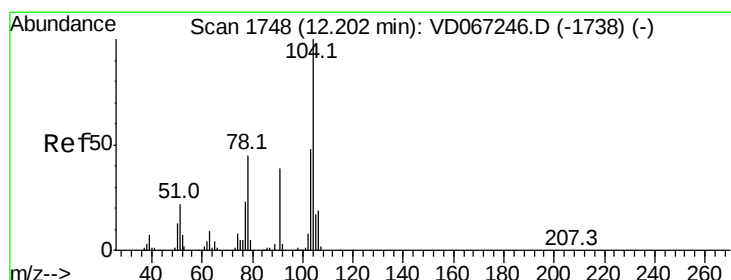
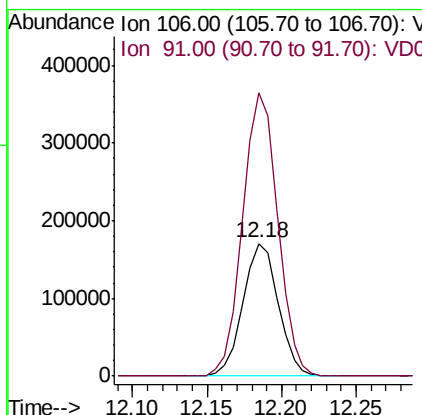
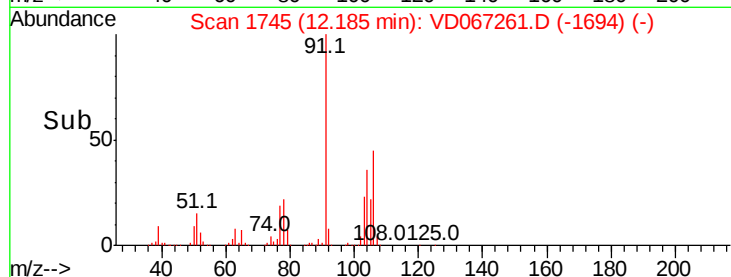
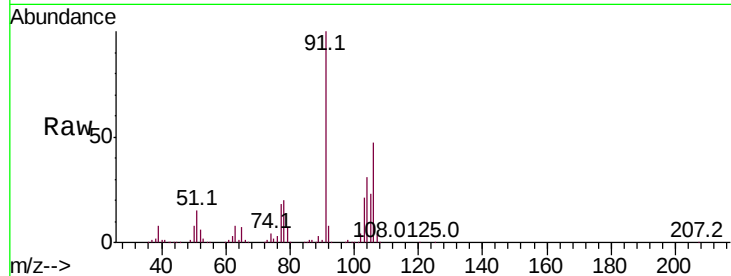




#69
o-Xylene
Concen: 52.891 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

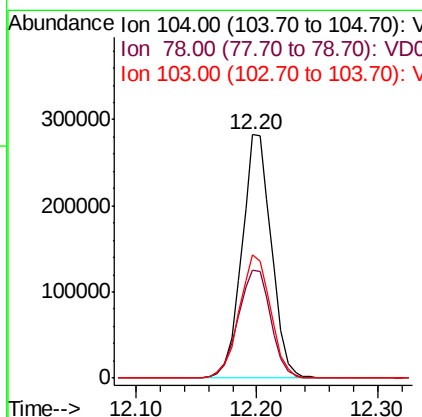
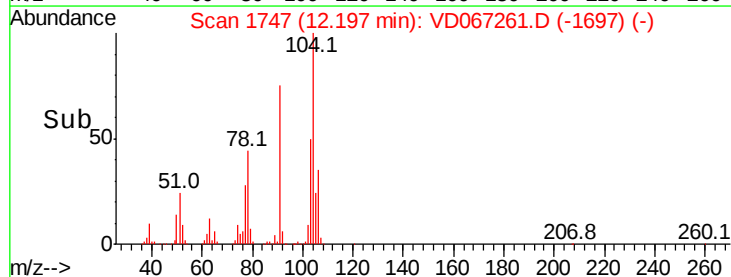
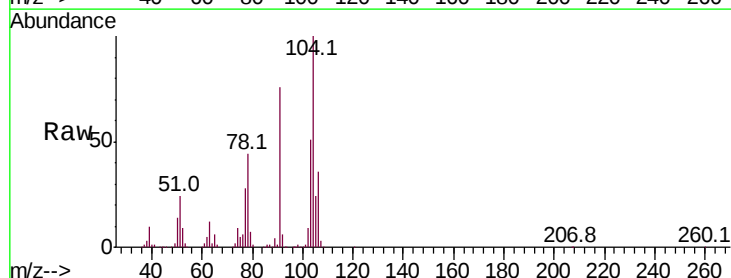
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

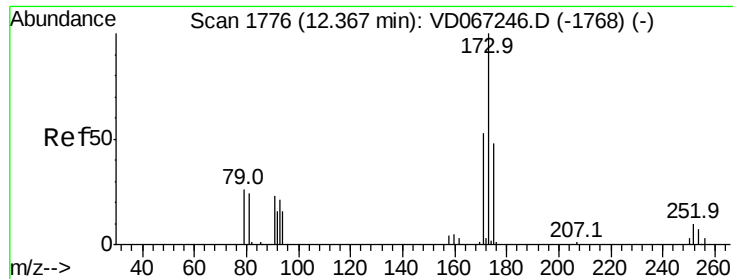
Tot Ion:106 Resp: 280507
Ion Ratio Lower Upper
106 100
91 212.1 109.1 327.3



#70
Styrene
Concen: 52.580 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Tgt Ion:104 Resp: 480035
Ion Ratio Lower Upper
104 100
78 49.4 39.8 59.6
103 54.0 42.6 64.0





#71

Bromoform

Concen: 50.743 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

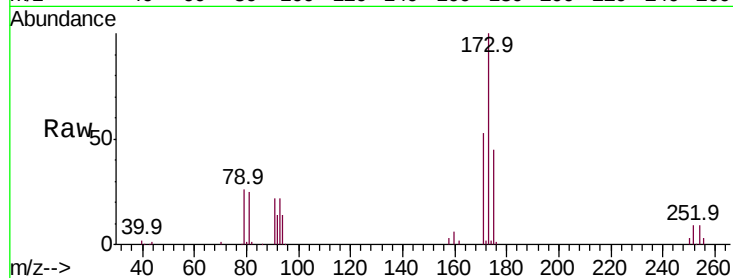
Tot Ion:173 Resp: 94003

Ion Ratio Lower Upper

173 100

175 49.1 24.2 72.6

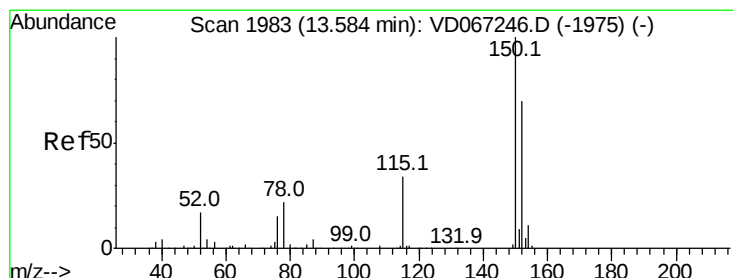
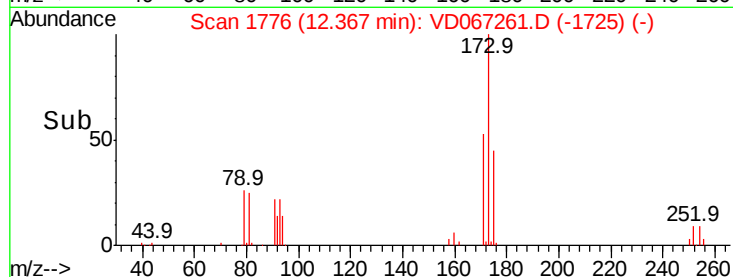
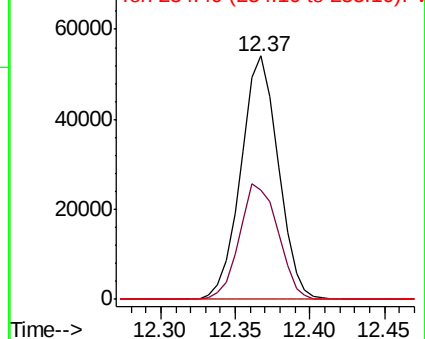
254 0.0 0.1 0.1#



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: VD067261.D

Acq: 14 Oct 2020 10:26

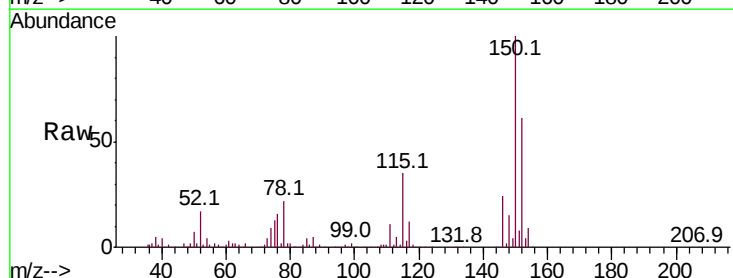
Tgt Ion:152 Resp: 222685

Ion Ratio Lower Upper

152 100

115 61.1 29.3 87.9

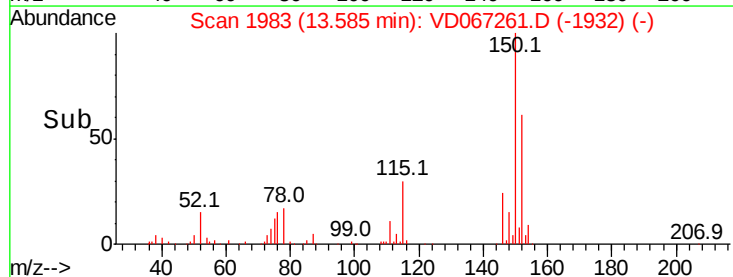
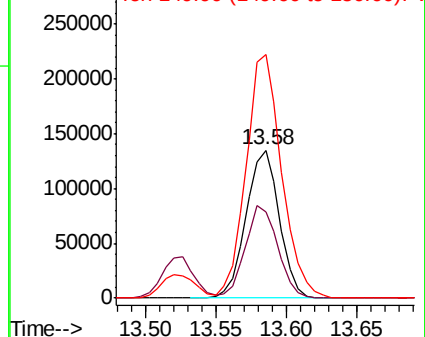
150 176.6 0.0 339.0

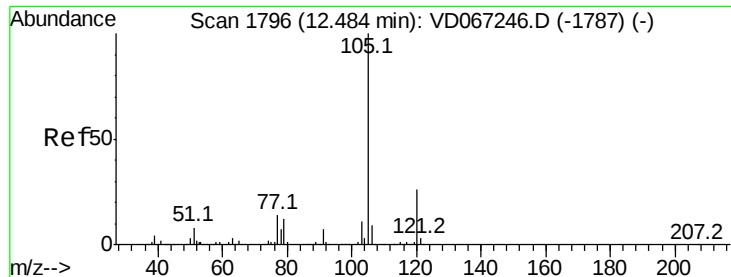


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.385 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

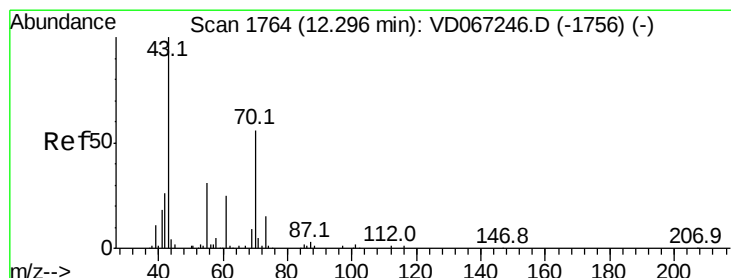
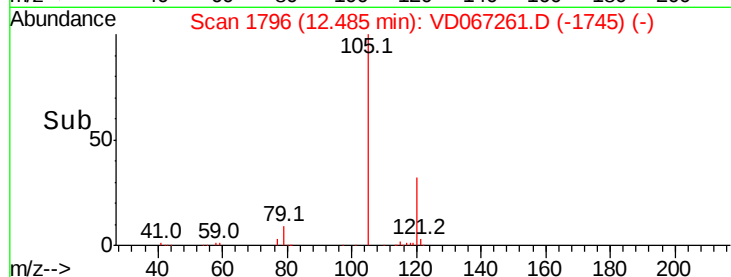
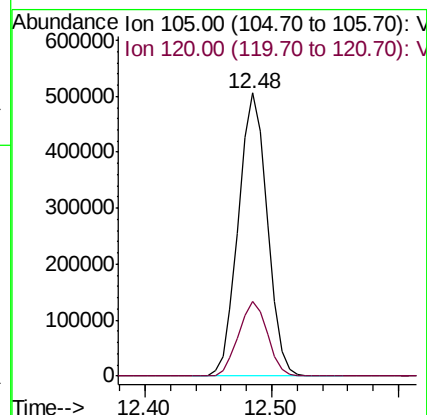
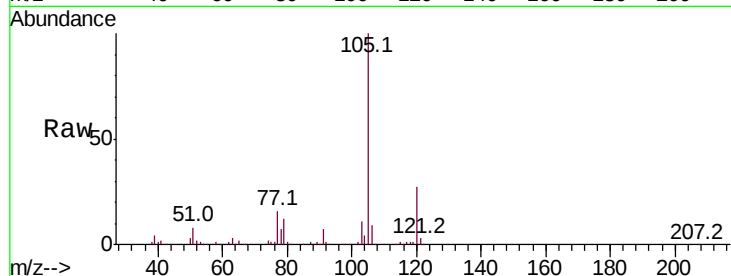
VSTDCCC050

Tot Ion:105 Resp: 796894

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 53.822 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Tgt Ion: 43 Resp: 114886

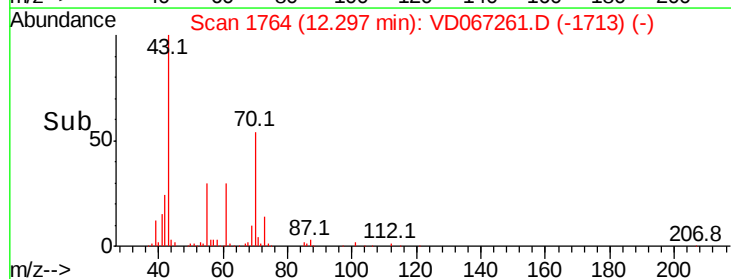
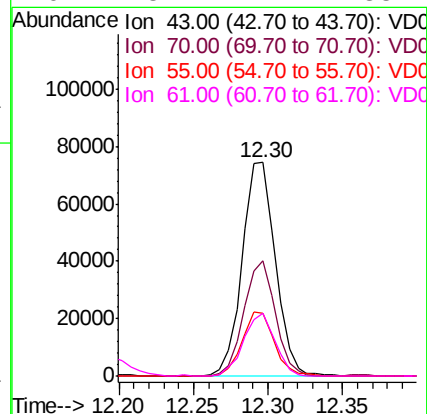
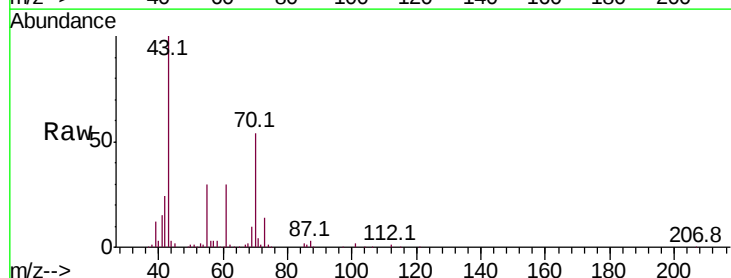
Ion Ratio Lower Upper

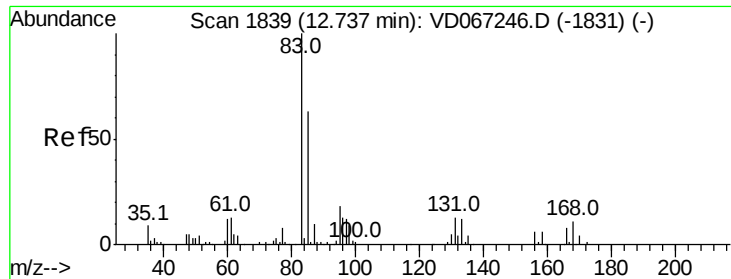
43 100

70 51.1 42.7 64.1

55 29.4 24.0 36.0

61 28.1 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.451 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

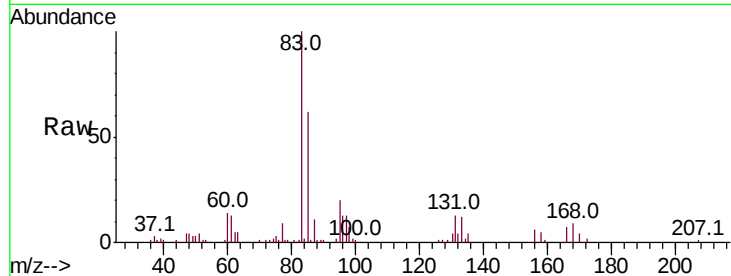
Tot Ion: 83 Resp: 113583

Ion Ratio Lower Upper

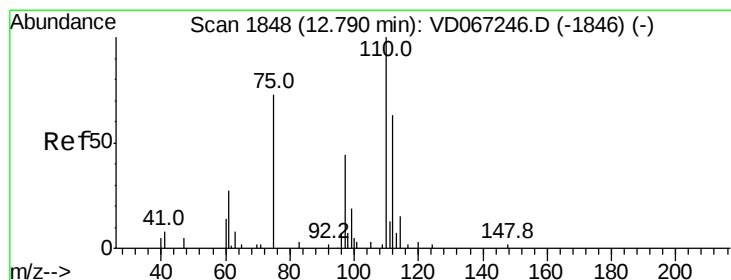
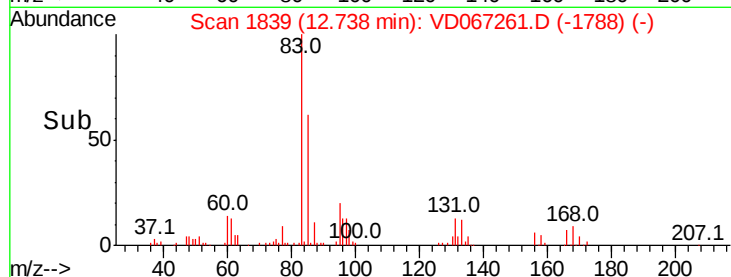
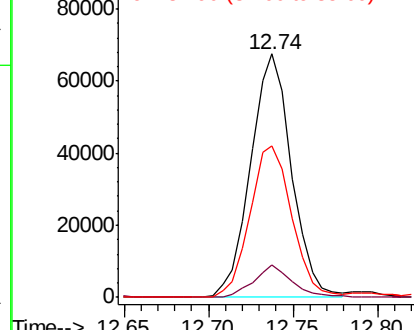
83 100

131 12.6 6.5 19.5

85 63.5 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: 100.969 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067261.D

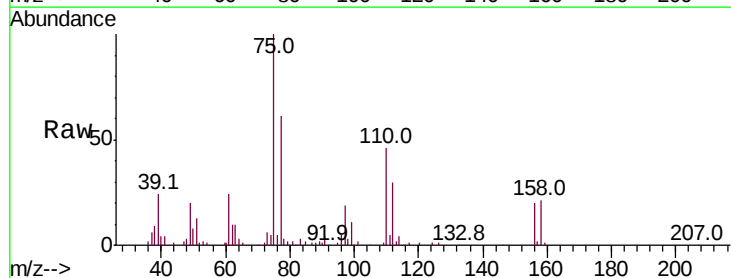
Acq: 14 Oct 2020 10:26

Tgt Ion: 75 Resp: 155837

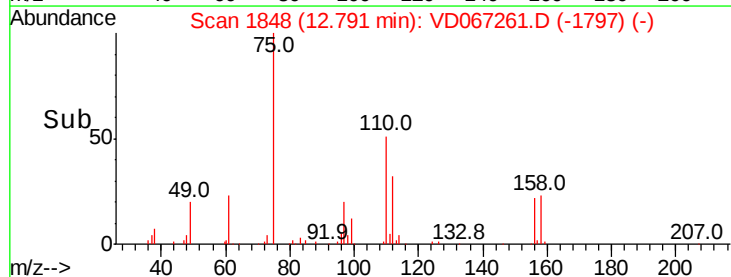
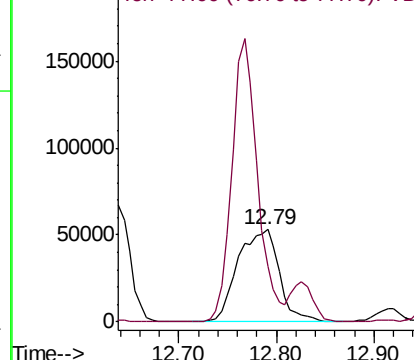
Ion Ratio Lower Upper

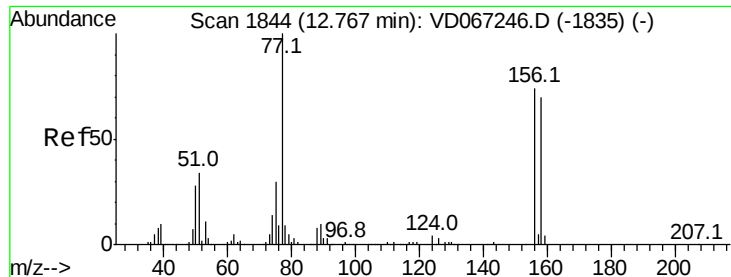
75 100

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: 53.253 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

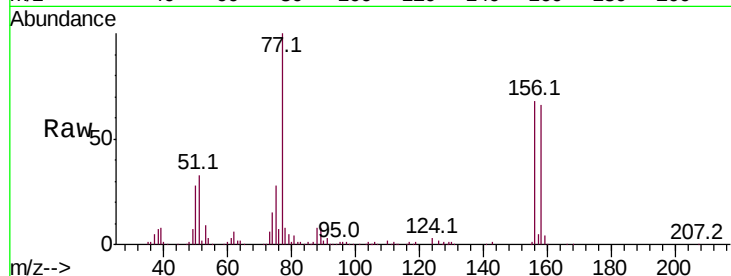
Tot Ion:156 Resp: 187636

Ion Ratio Lower Upper

156 100

77 159.0 78.0 233.8

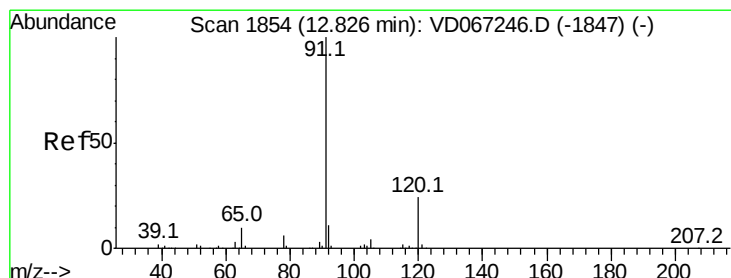
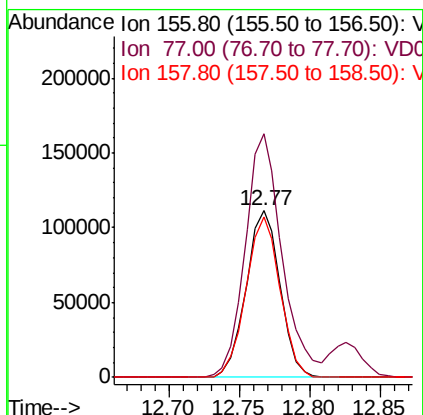
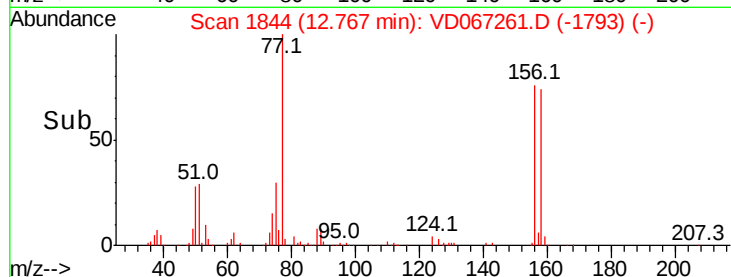
158 96.9 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.458 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067261.D

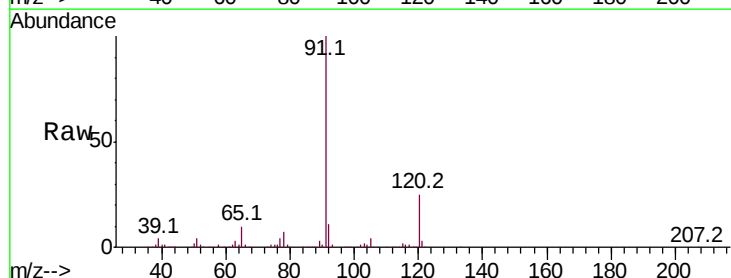
Acq: 14 Oct 2020 10:26

Tgt Ion: 91 Resp: 908125

Ion Ratio Lower Upper

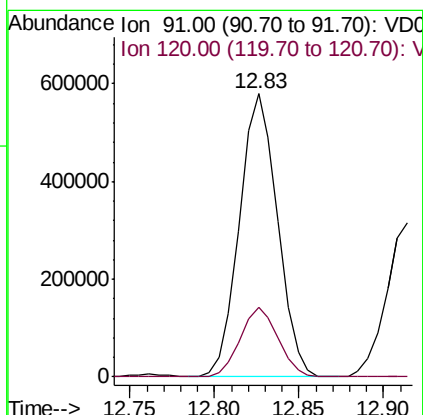
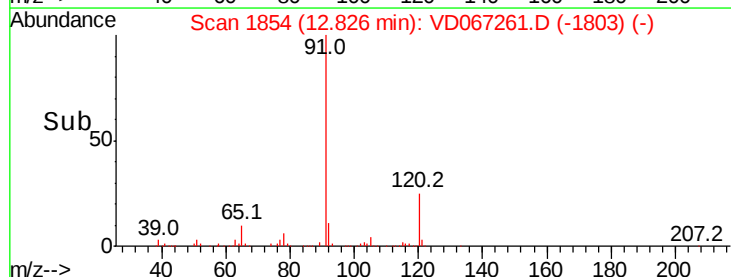
91 100

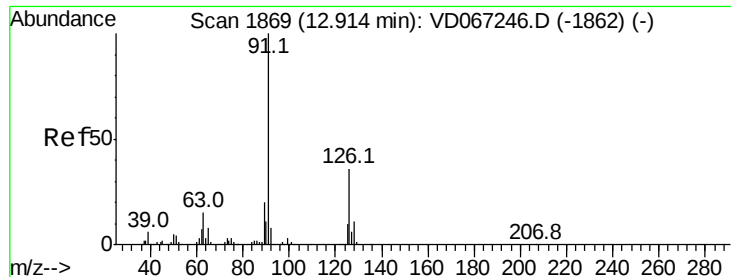
120 24.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

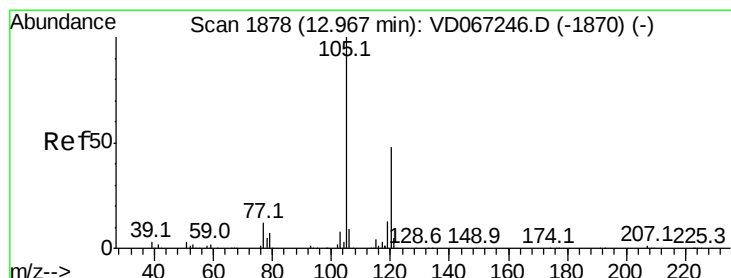
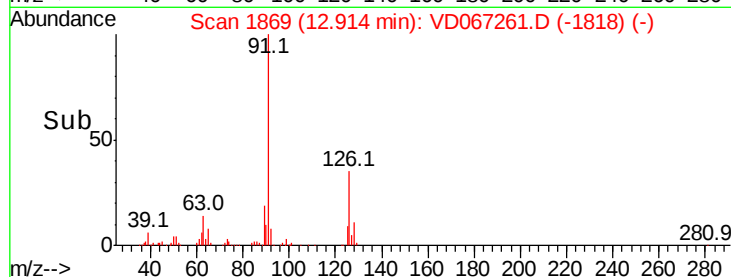
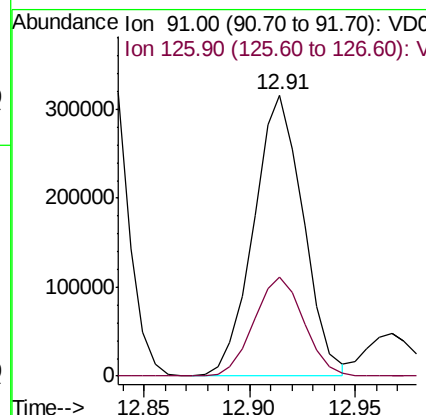
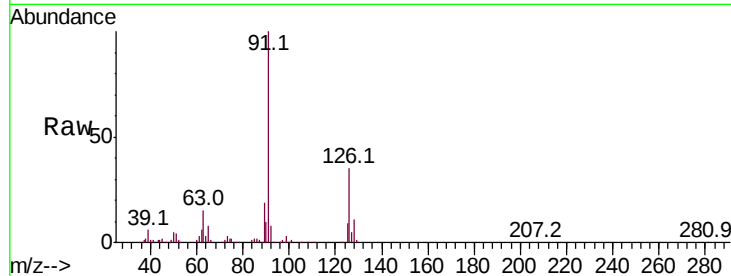




#79
 2-Chlorotoluene
 Concen: 54.111 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067261.D
 Acq: 14 Oct 2020 10:26

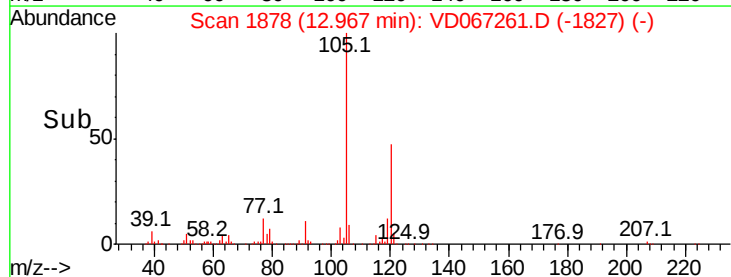
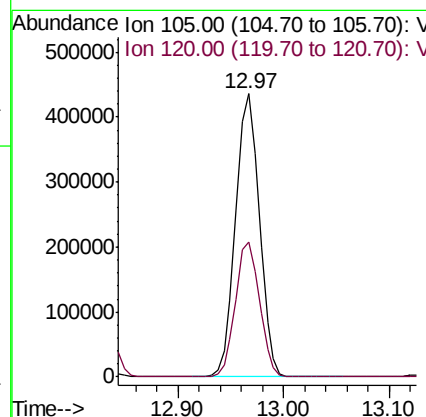
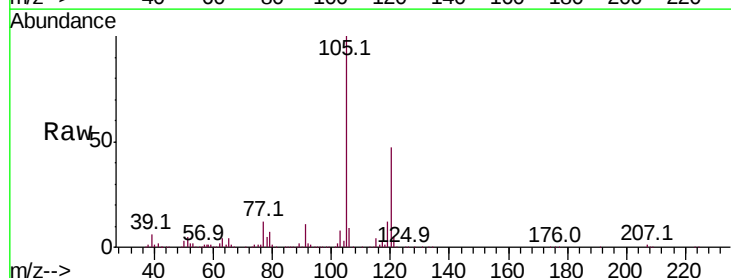
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

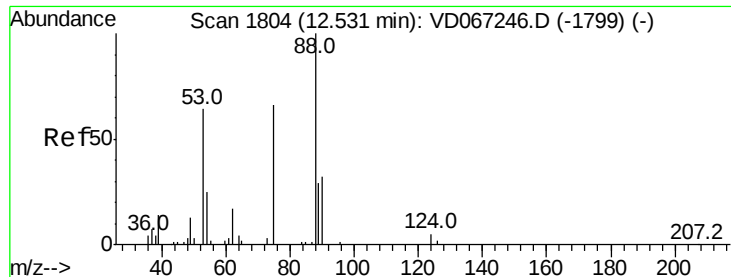
Tot Ion: 91 Resp: 513844
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 55.291 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD067261.D
 Acq: 14 Oct 2020 10:26

Tgt Ion: 105 Resp: 679055
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.8

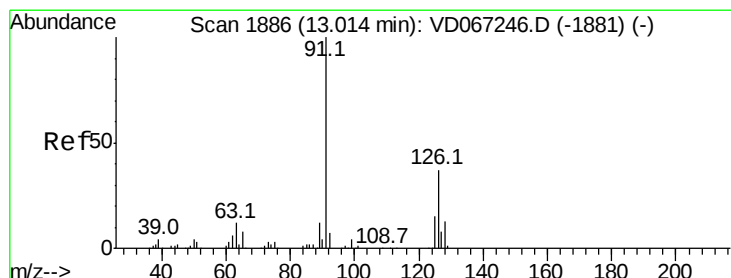
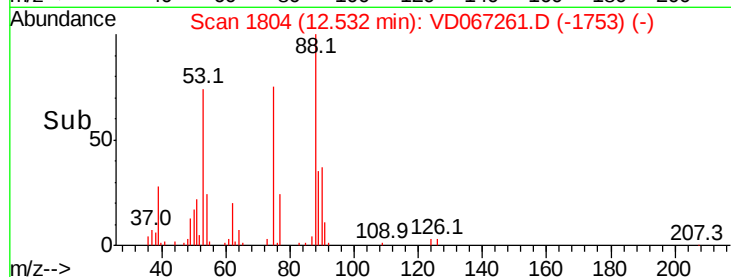
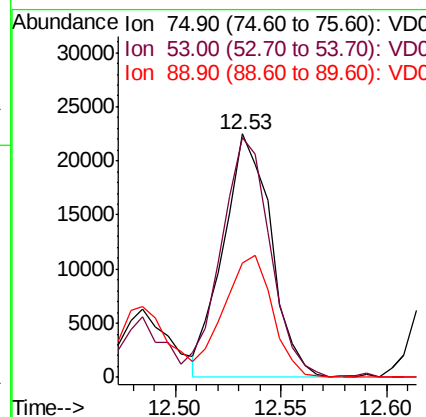
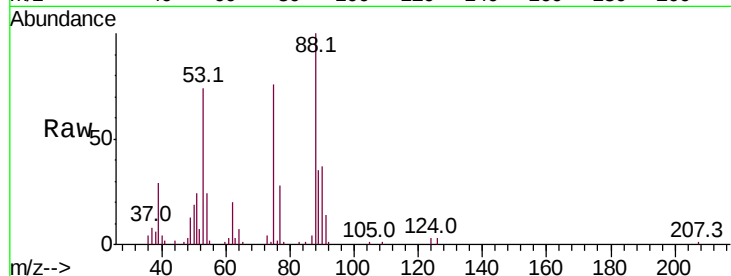




#81
trans-1,4-Dichloro-2-butene
Concen: 51.652 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

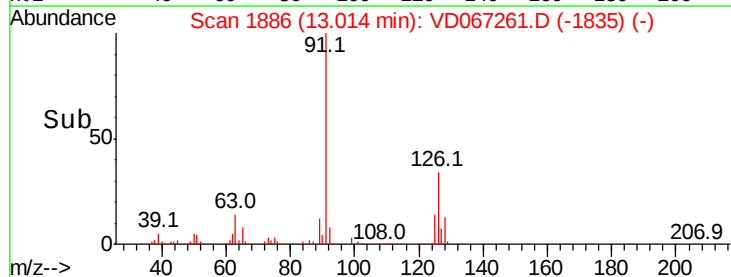
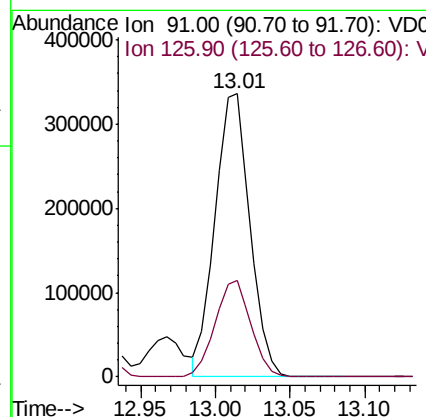
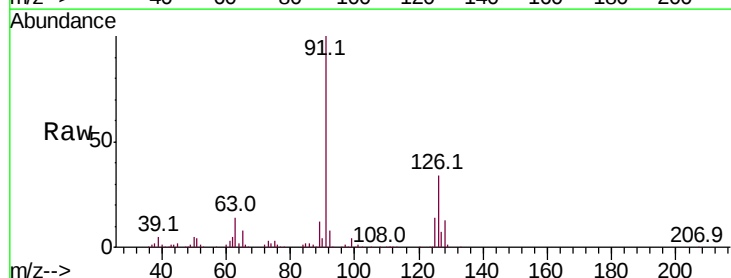
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

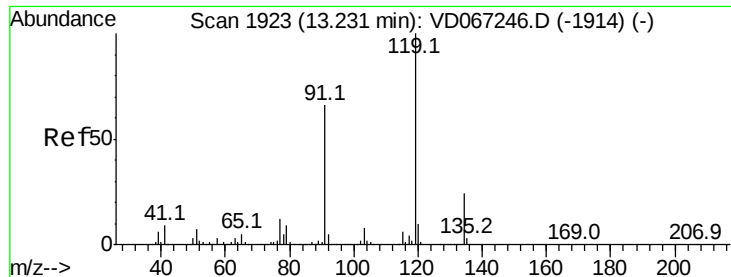
Tot Ion: 75 Resp: 35155
Ion Ratio Lower Upper
75 100
53 102.0 78.5 117.7
89 51.5 39.9 59.9



#82
4-Chlorotoluene
Concen: 54.503 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Tgt Ion: 91 Resp: 549322
Ion Ratio Lower Upper
91 100
126 34.9 17.8 53.5





#83

tert-Butylbenzene

Concen: 55.494 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

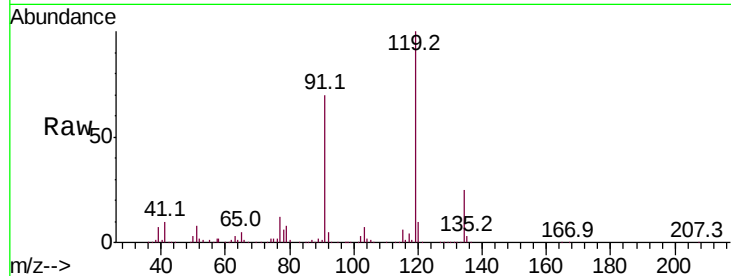
Tot Ion:119 Resp: 575712

Ion Ratio Lower Upper

119 100

91 66.2 33.1 99.2

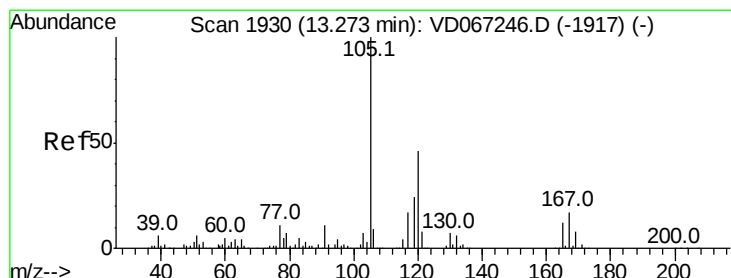
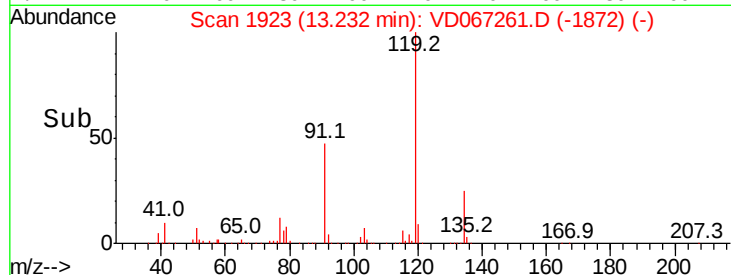
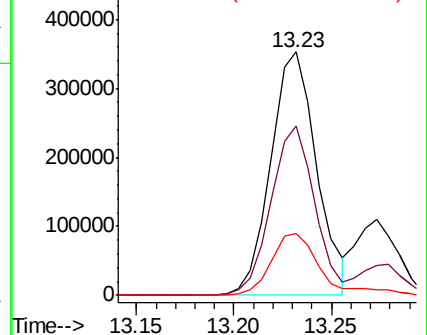
134 27.6 13.3 39.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 55.691 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067261.D

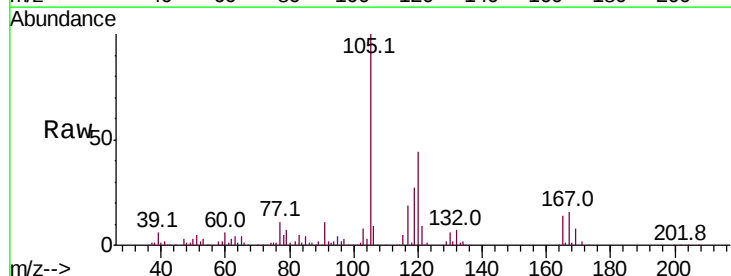
Acq: 14 Oct 2020 10:26

Tgt Ion:105 Resp: 676014

Ion Ratio Lower Upper

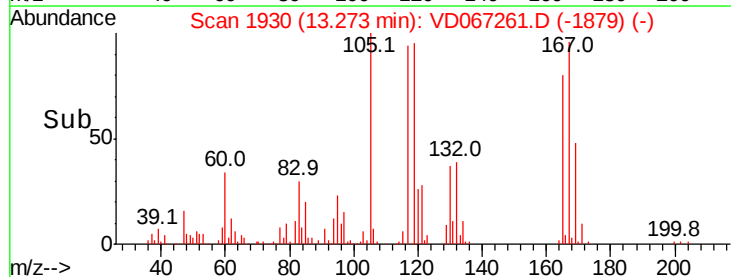
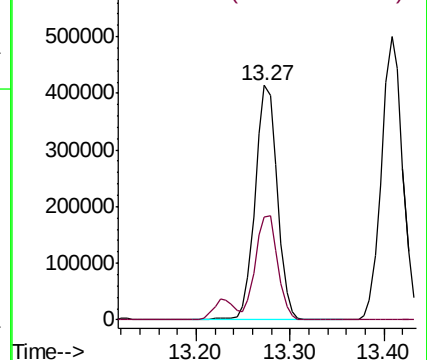
105 100

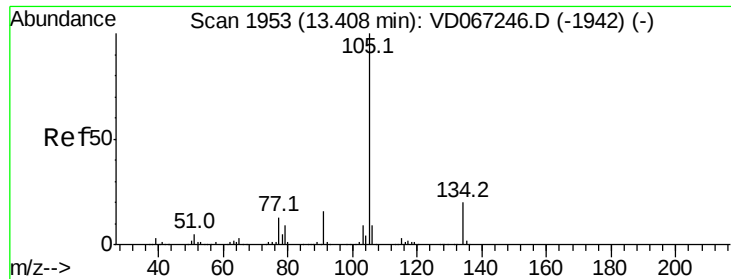
120 44.6 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.609 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

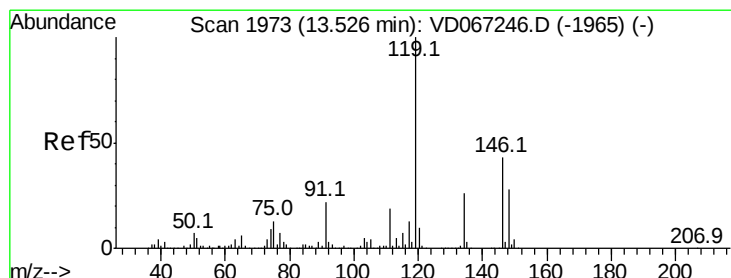
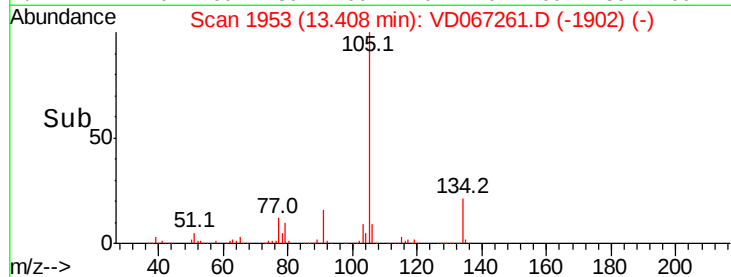
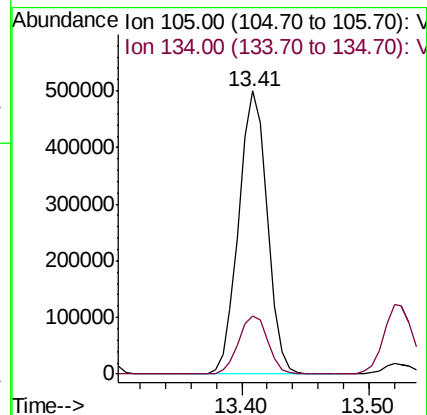
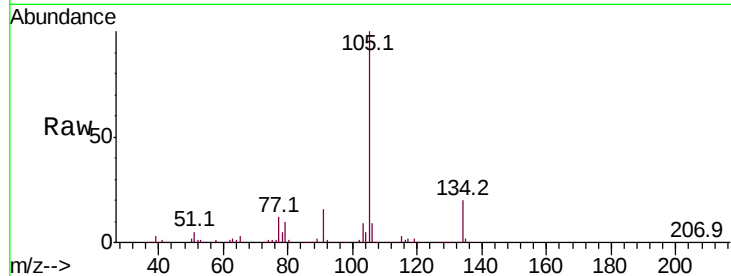
VSTDCCC050

Tot Ion:105 Resp: 777370

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.5



#86

p-Isopropyltoluene

Concen: 55.502 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

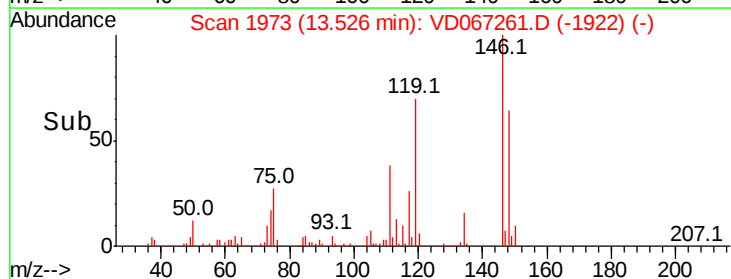
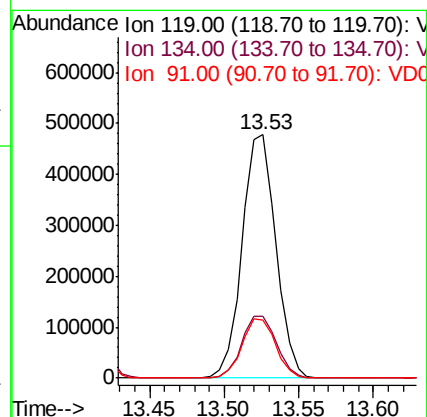
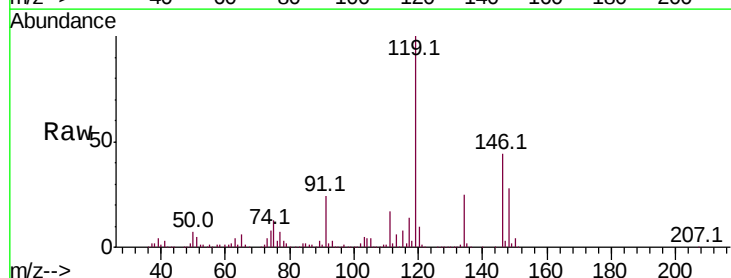
Tgt Ion:119 Resp: 745736

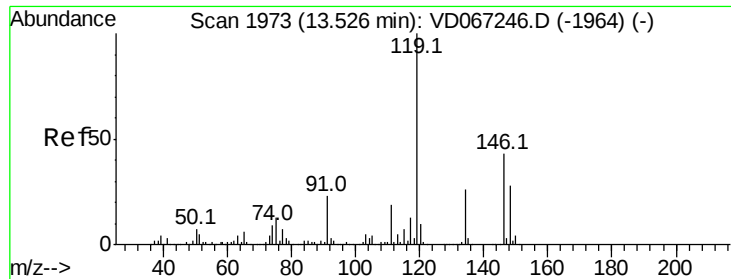
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 24.3 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 52.467 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

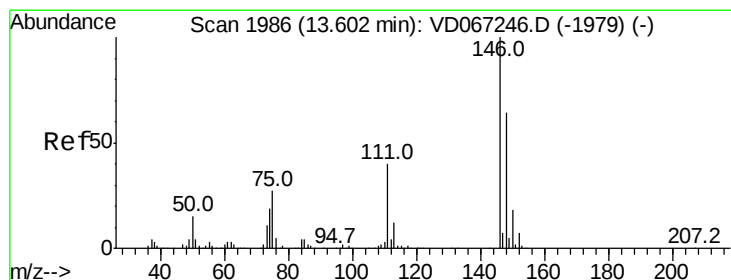
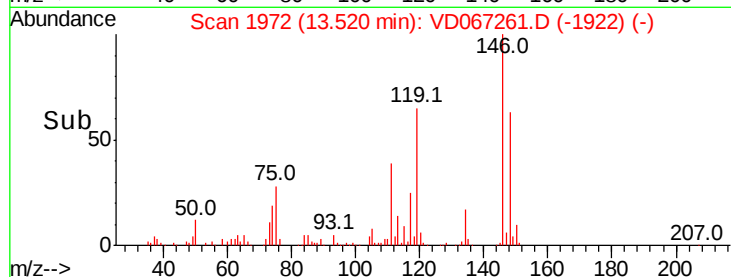
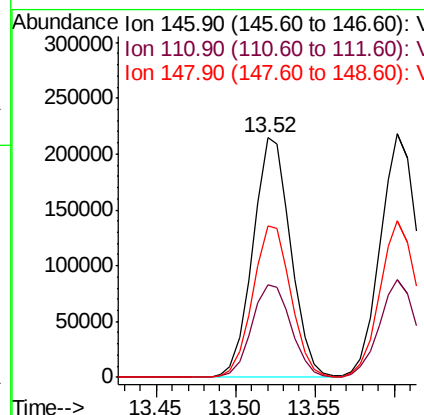
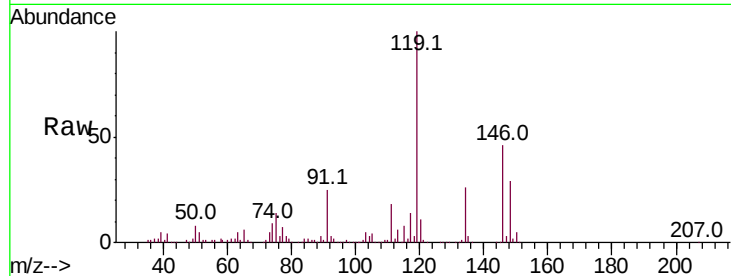
Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 355829

Ion	Ratio	Lower	Upper
146	100		
111	40.0	21.1	63.3
148	63.9	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 52.811 ug/l

RT: 13.60 min Scan# 1986

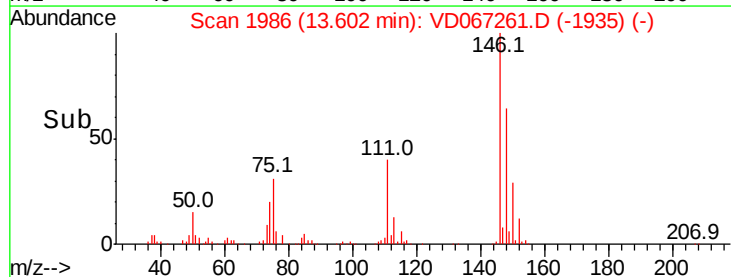
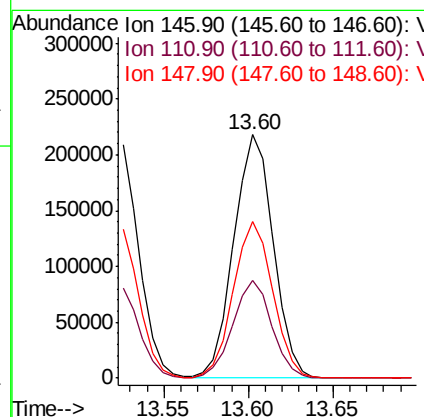
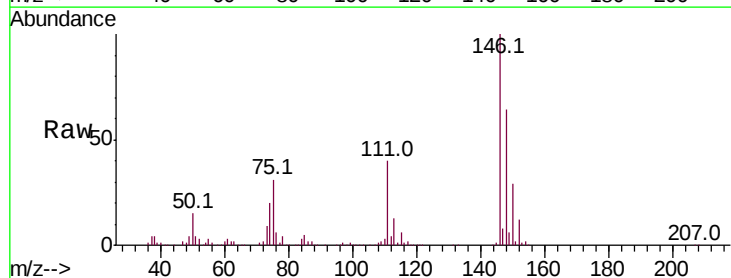
Delta R.T. 0.00 min

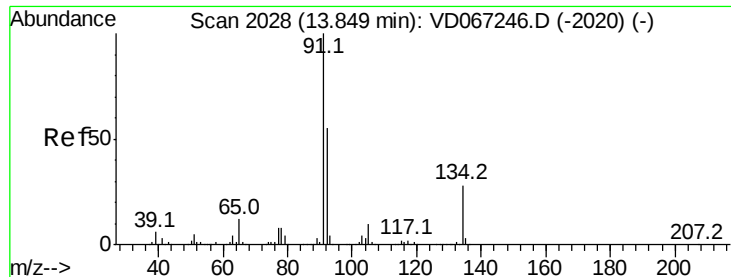
Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Tgt Ion:146 Resp: 354850

Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.9	59.7
148	64.4	31.9	95.9

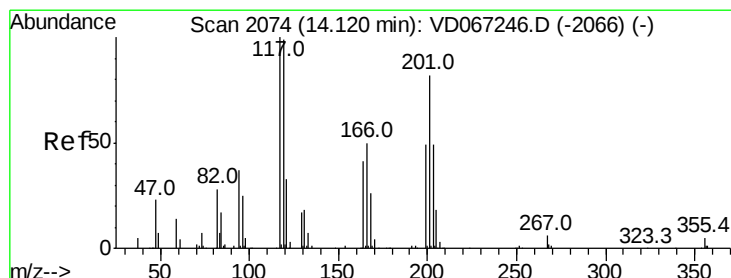
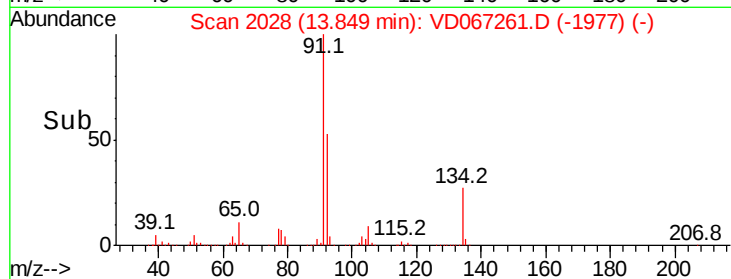
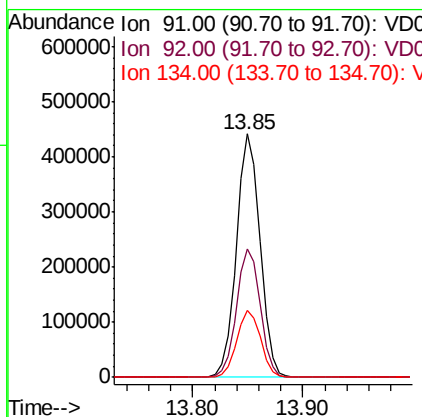
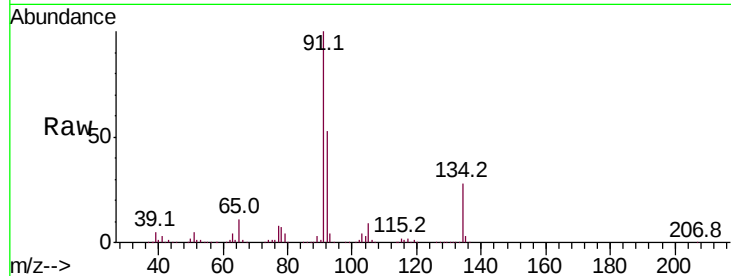




#89
n-Butylbenzene
Concen: 56.171 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

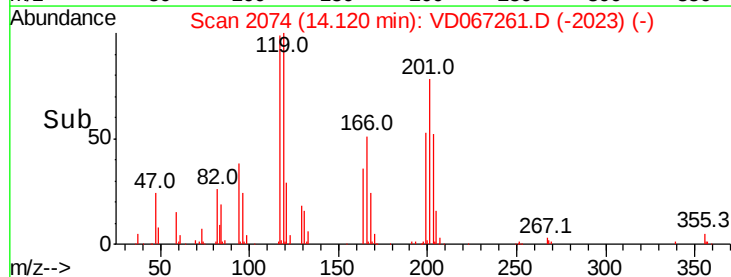
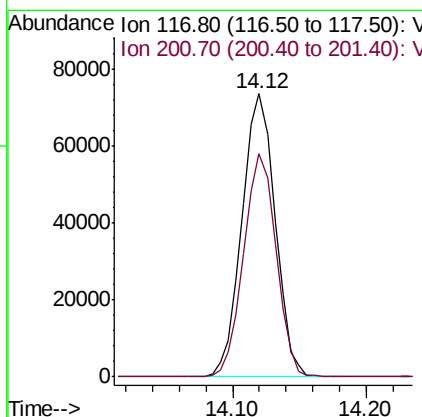
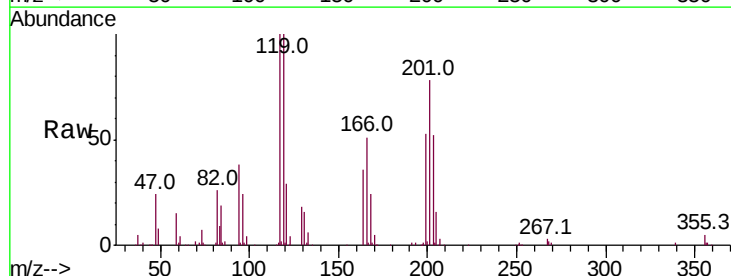
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

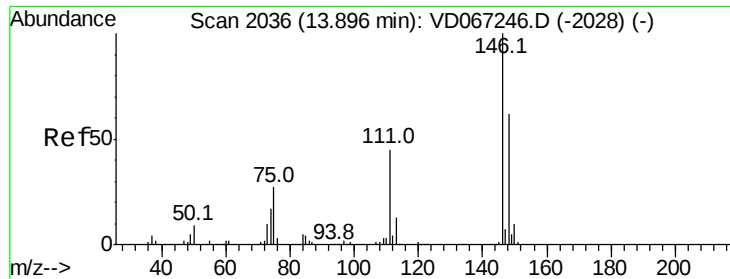
Tot Ion: 91 Resp: 663962
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.0
134 27.9 14.2 42.6



#90
Hexachloroethane
Concen: 54.072 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067261.D
Acq: 14 Oct 2020 10:26

Tgt Ion: 117 Resp: 126782
Ion Ratio Lower Upper
117 100
201 77.0 40.8 122.2

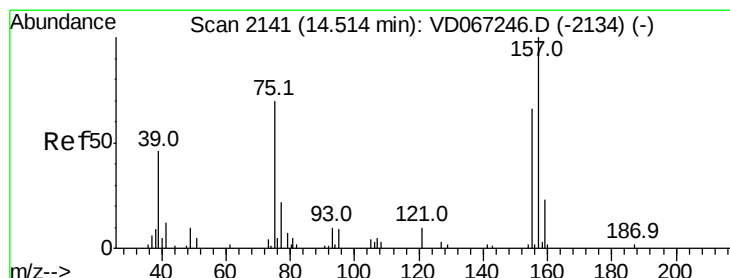
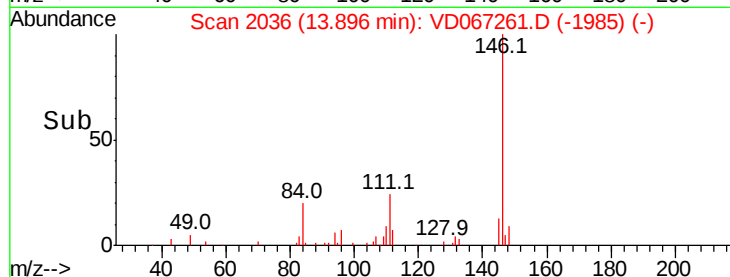
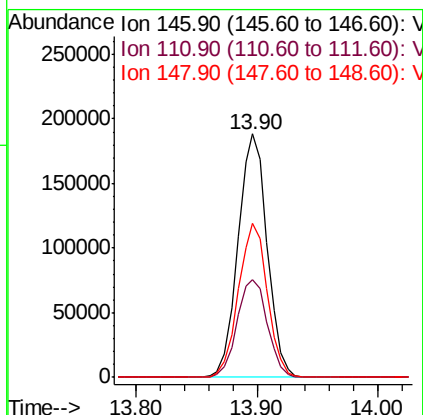
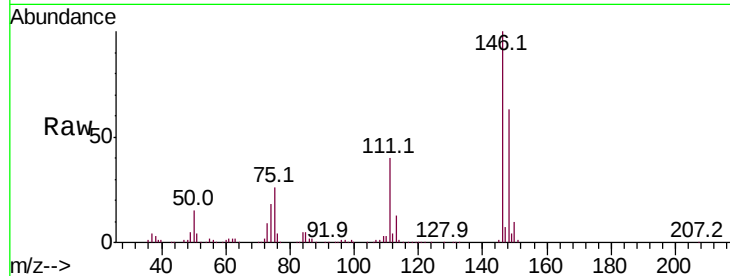




#91
 1,2-Dichlorobenzene
 Concen: 53.313 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067261.D
 Acq: 14 Oct 2020 10:26

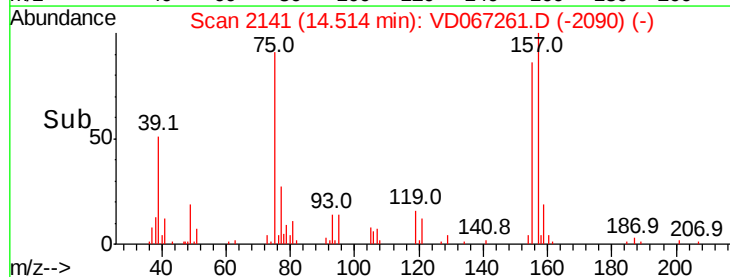
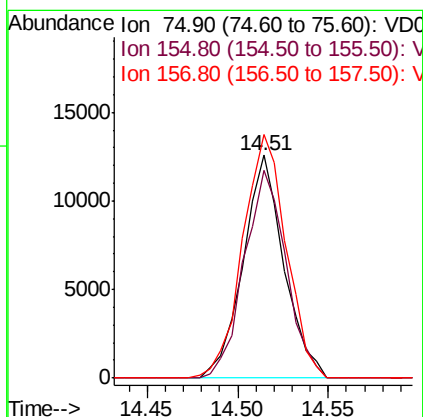
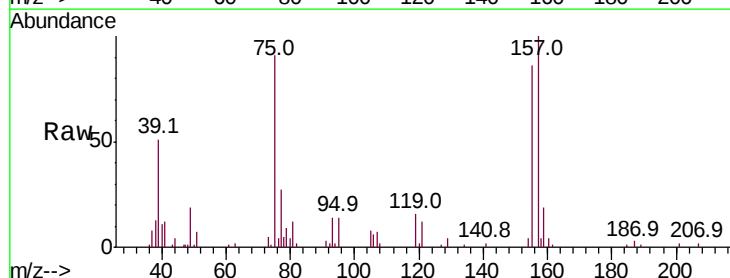
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

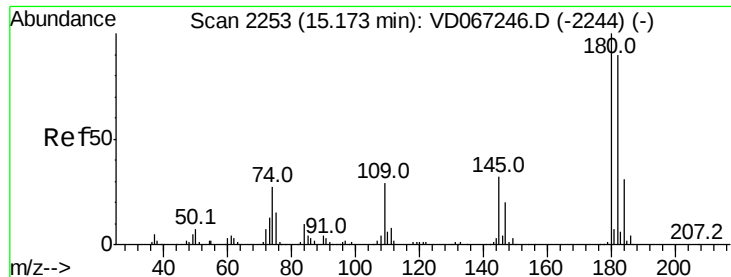
Tot Ion:146 Resp: 315861
 Ion Ratio Lower Upper
 146 100
 111 41.8 22.0 66.0
 148 63.0 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.179 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067261.D
 Acq: 14 Oct 2020 10:26

Tgt Ion: 75 Resp: 19741
 Ion Ratio Lower Upper
 75 100
 155 95.3 44.8 134.4
 157 116.0 62.5 187.4

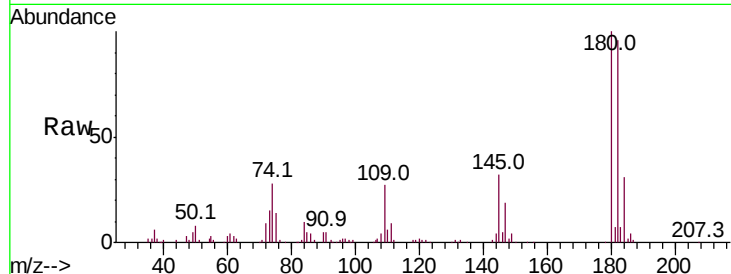




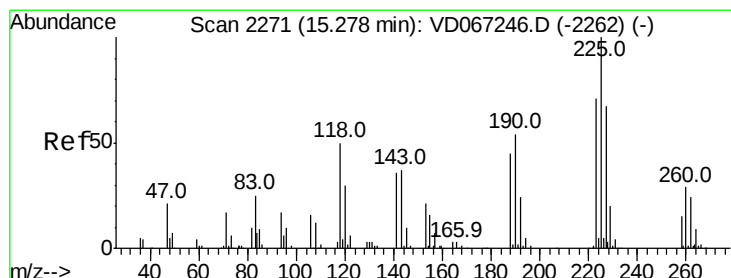
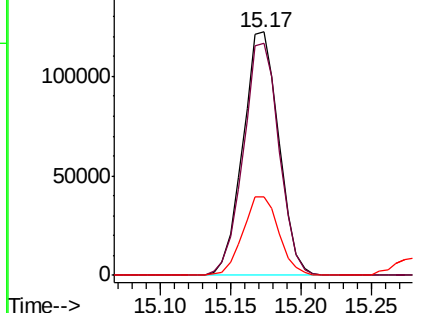
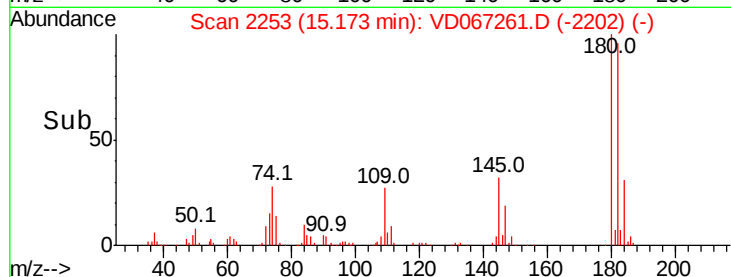
#93
 1,2,4-Trichlorobenzene
 Concen: 54.572 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067261.D
 Acq: 14 Oct 2020 10:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.1	144.4
145	32.5	16.3	48.9

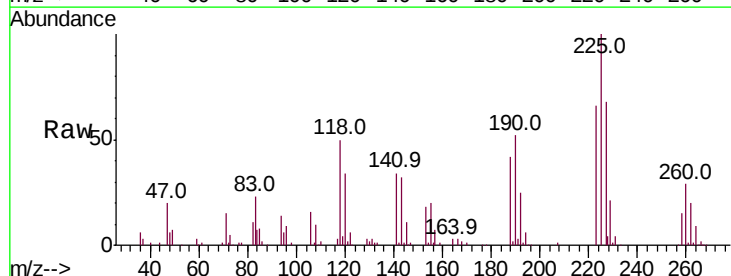


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

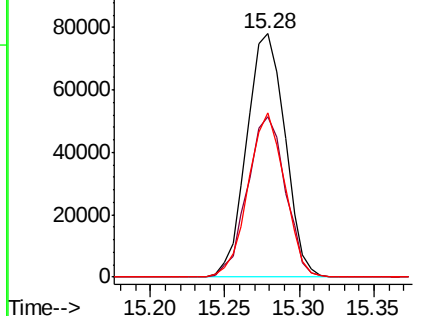
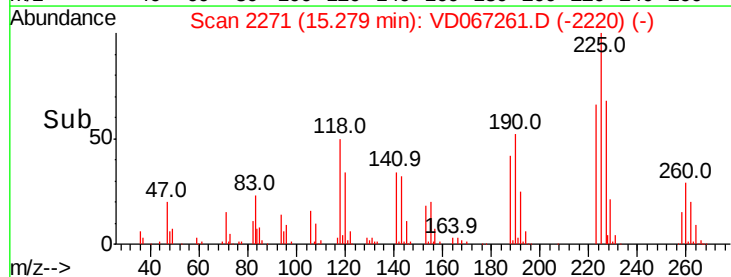


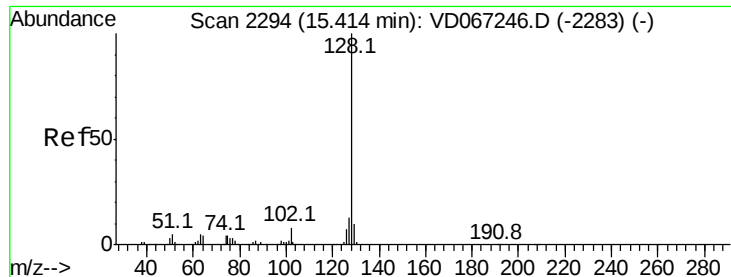
#94
 Hexachlorobutadiene
 Concen: 55.865 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067261.D
 Acq: 14 Oct 2020 10:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.5	31.9	95.7
227	64.4	31.2	93.6



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





#95

Naphthalene

Concen: 55.001 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Instrument :

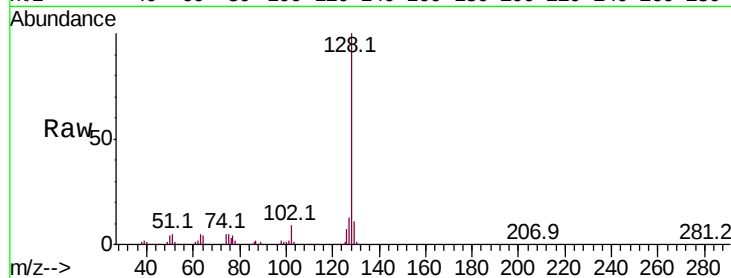
MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 360716

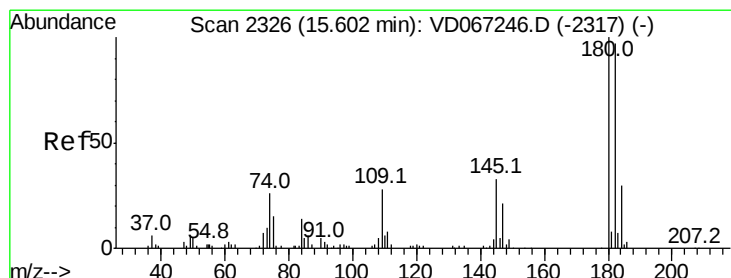
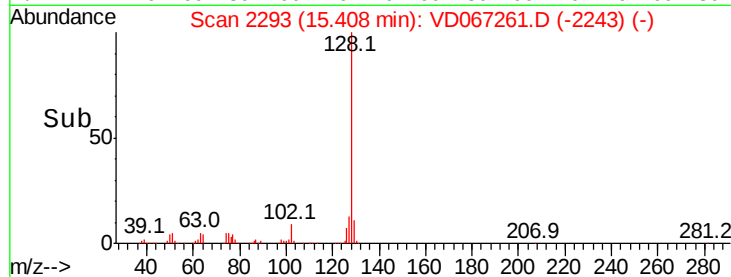
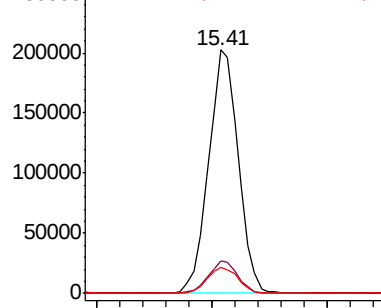
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.727 ug/l

RT: 15.60 min Scan# 2326

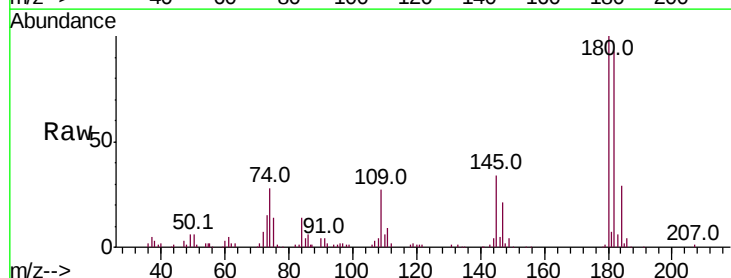
Delta R.T. 0.00 min

Lab File: VD067261.D

Acq: 14 Oct 2020 10:26

Tgt Ion:180 Resp: 188860

Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.1	144.3
145	33.1	17.3	51.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

