

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067139.D
 Acq On : 07 Oct 2020 06:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 07 07:11:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	317381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	516388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	487384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	237865	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	169196	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	
35) Dibromofluoromethane	7.91	113	184267	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
50) Toluene-d8	10.34	98	652239	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
62) 4-Bromofluorobenzene	12.64	95	229676	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	134691	53.015	ug/l	99
3) Chloromethane	2.21	50	110241	43.616	ug/l	100
4) Vinyl Chloride	2.35	62	111272	43.905	ug/l	98
5) Bromomethane	2.77	94	96494	59.928	ug/l	96
6) Chloroethane	2.93	64	76695	49.691	ug/l	94
7) Trichlorofluoromethane	3.27	101	262838	46.679	ug/l	97
8) Diethyl Ether	3.71	74	70821	50.720	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	140315	44.088	ug/l	97
10) Methyl Iodide	4.30	142	162617	52.586	ug/l	98
11) Tert butyl alcohol	5.22	59	40416	219.697	ug/l	98
12) 1,1-Dichloroethene	4.07	96	140228	46.870	ug/l	96
13) Acrolein	3.92	56	43297	211.519	ug/l	98
14) Allyl chloride	4.71	41	174084	44.790	ug/l	93
15) Acrylonitrile	5.43	53	127043	247.212	ug/l	97
16) Acetone	4.16	43	103631	222.073	ug/l	98
17) Carbon Disulfide	4.41	76	420834	45.833	ug/l	96
18) Methyl Acetate	4.72	43	58658	50.013	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	296605	54.306	ug/l	93
20) Methylene Chloride	4.97	84	181169	55.511	ug/l	98
21) trans-1,2-Dichloroethene	5.48	96	170868	50.183	ug/l	99
22) Diisopropyl ether	6.36	45	345573	48.702	ug/l	95
23) Vinyl Acetate	6.31	43	972303	241.813	ug/l	98
24) 1,1-Dichloroethane	6.27	63	280201	51.168	ug/l	97
25) 2-Butanone	7.21	43	148419	224.331	ug/l	93
26) 2,2-Dichloropropane	7.21	77	219589	46.615	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	191810	52.747	ug/l	96
28) Bromochloromethane	7.56	49	107108	50.647	ug/l	87
29) Tetrahydrofuran	7.56	42	86864	228.338	ug/l	91
30) Chloroform	7.71	83	312390	52.587	ug/l	96
31) Cyclohexane	7.98	56	183727	40.019	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	284564	51.688	ug/l	98
36) 1,1-Dichloropropene	8.11	75	215214	44.712	ug/l	98
37) Ethyl Acetate	7.29	43	72768	43.640	ug/l	96
38) Carbon Tetrachloride	8.10	117	258879	49.709	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.36	83	229231	45.046	ug/l	94
40) Benzene	8.35	78	647482	48.431	ug/l	97
41) Methacrylonitrile	7.53	41	40163	44.584	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	193779	51.871	ug/l	98
43) Isopropyl Acetate	8.45	43	140758	45.822	ug/l	98
44) Trichloroethene	9.11	130	197421	49.452	ug/l	100
45) 1,2-Dichloropropane	9.39	63	152782	48.637	ug/l	98
46) Dibromomethane	9.48	93	93349	51.704	ug/l	97
47) Bromodichloromethane	9.66	83	247367	52.708	ug/l	99
48) Methyl methacrylate	9.46	41	68018	43.221	ug/l #	75
49) 1,4-Dioxane	9.46	88	16914	897.625	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	354197	231.491	ug/l	97
52) Toluene	10.40	92	442432	51.373	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	209111	49.855	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	248007	48.421	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	126371	50.345	ug/l	98
56) Ethyl methacrylate	10.66	69	138400	53.405	ug/l	95
57) 1,3-Dichloropropane	10.94	76	206419	50.712	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	372191	258.035	ug/l	97
59) 2-Hexanone	10.98	43	243257	238.200	ug/l	97
60) Dibromochloromethane	11.14	129	178918	53.479	ug/l	97
61) 1,2-Dibromoethane	11.25	107	126849	52.601	ug/l	99
64) Tetrachloroethene	10.88	164	172747	48.753	ug/l	96
65) Chlorobenzene	11.67	112	479486	49.465	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	191679	51.984	ug/l	98
67) Ethyl Benzene	11.74	91	837828	50.445	ug/l	100
68) m/p-Xylenes	11.86	106	645311	99.698	ug/l	98
69) o-Xylene	12.18	106	292765	50.580	ug/l	93
70) Styrene	12.20	104	519947	52.313	ug/l	99
71) Bromoform	12.36	173	102019	53.302	ug/l #	96
73) Isopropylbenzene	12.48	105	803187	49.729	ug/l	99
74) N-amyl acetate	12.29	43	125072	43.077	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.73	83	124284	45.671	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	164669	79.478	ug/l #	100
77) Bromobenzene	12.77	156	200618	51.441	ug/l	93
78) n-propylbenzene	12.83	91	918217	48.104	ug/l	99
79) 2-Chlorotoluene	12.91	91	544059	49.817	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	696064	51.009	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	36950	44.462	ug/l	98
82) 4-Chlorotoluene	13.01	91	575399	49.520	ug/l	99
83) tert-Butylbenzene	13.23	119	590106	51.353	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	701761	51.531	ug/l	97
85) sec-Butylbenzene	13.41	105	779590	48.175	ug/l	99
86) p-Isopropyltoluene	13.52	119	741278	49.409	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	375300	49.405	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	369417	48.636	ug/l	99
89) n-Butylbenzene	13.85	91	627887	45.793	ug/l	98
90) Hexachloroethane	14.12	117	128368	48.846	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	328880	49.573	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	21657	49.370	ug/l	97

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QLast Update : Thu Oct 01 15:19:17 2020
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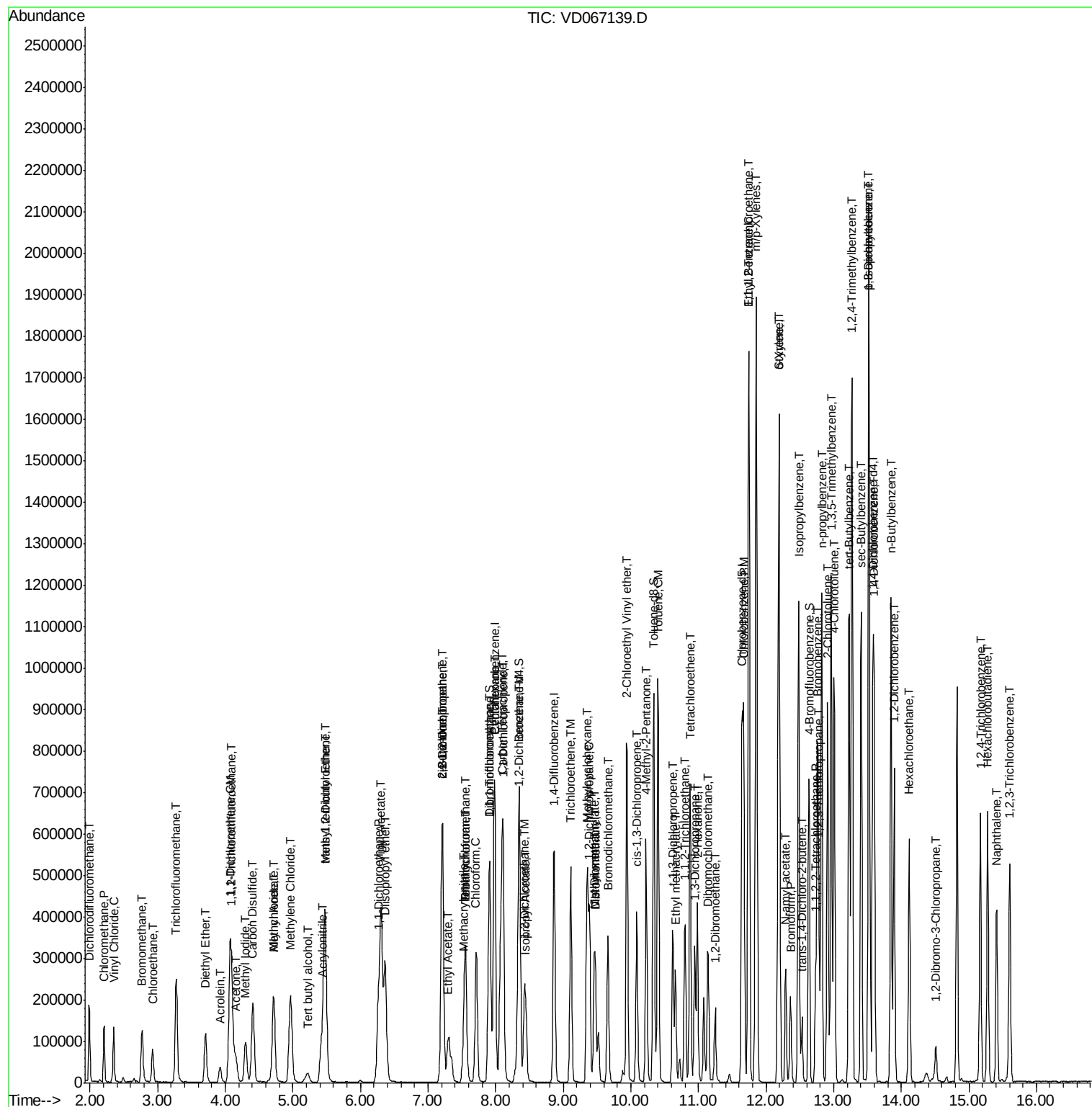
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	215485	50.215	ug/l	100
94) Hexachlorobutadiene	15.28	225	125383	47.576	ug/l	99
95) Naphthalene	15.41	128	378641	52.900	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	196567	52.767	ug/l	98

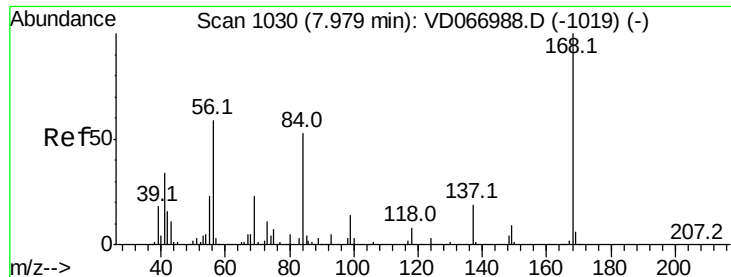
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

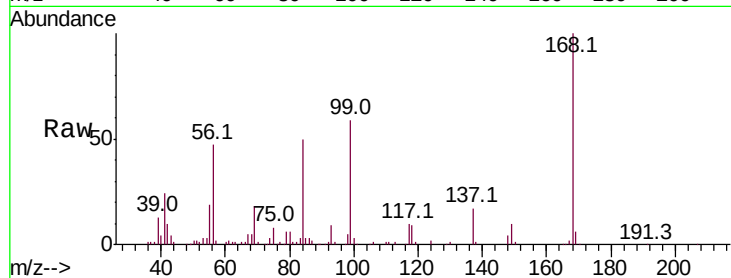
VSTDCCC050EC

Tot Ion:168 Resp: 317381

Ion Ratio Lower Upper

168 100

99 58.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

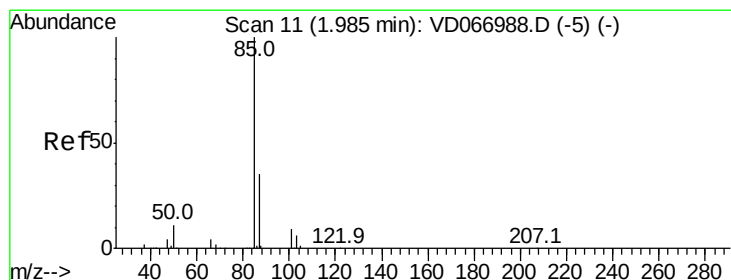
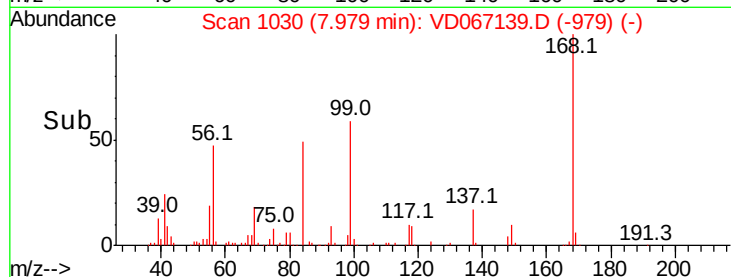
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 53.015 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067139.D

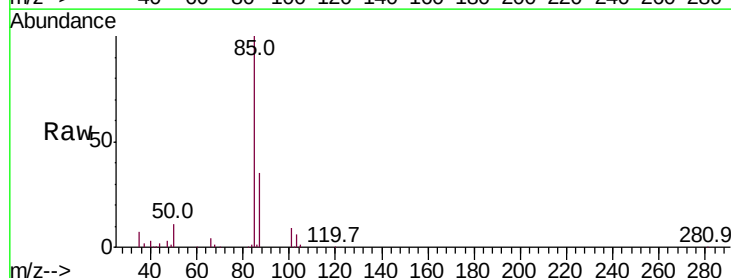
Acq: 07 Oct 2020 06:53

Tgt Ion: 85 Resp: 134691

Ion Ratio Lower Upper

85 100

87 35.2 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

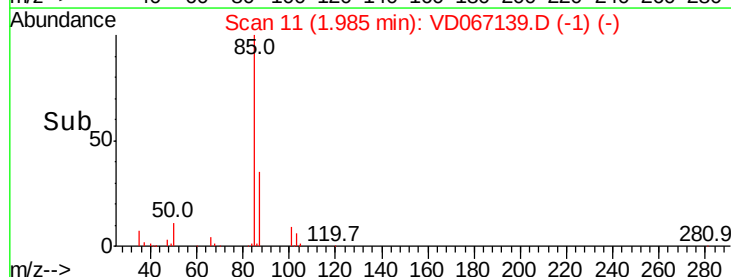
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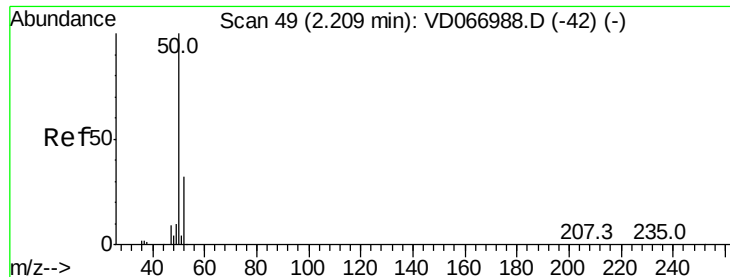
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 43.616 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

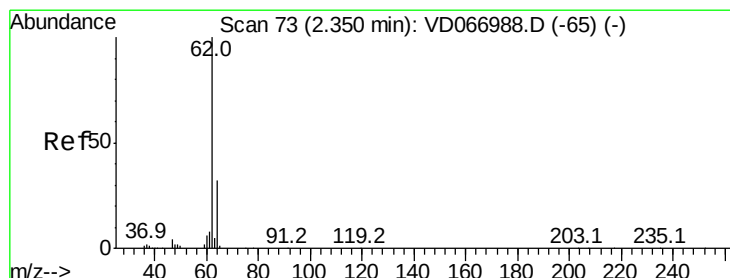
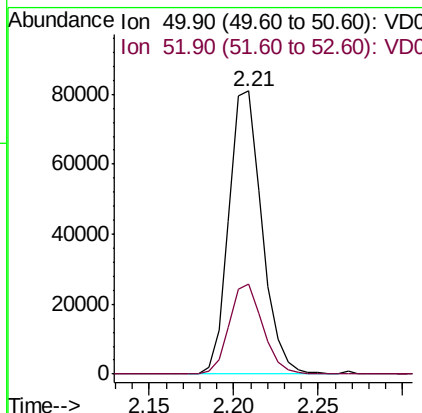
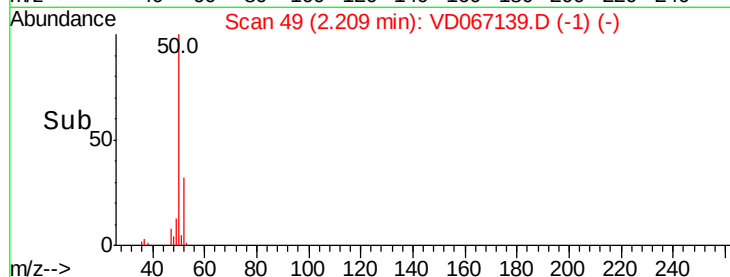
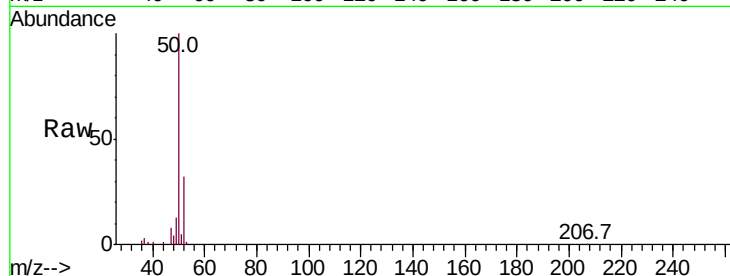
VSTDCCC050EC

Tot Ion: 50 Resp: 110241

Ion Ratio Lower Upper

50 100

52 31.8 25.3 37.9



#4

Vinyl Chloride

Concen: 43.905 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067139.D

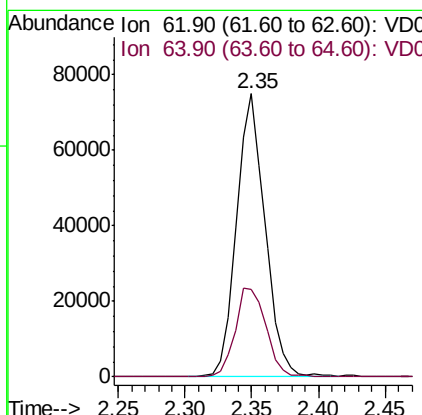
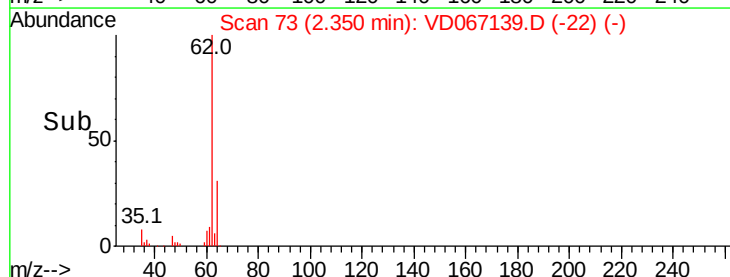
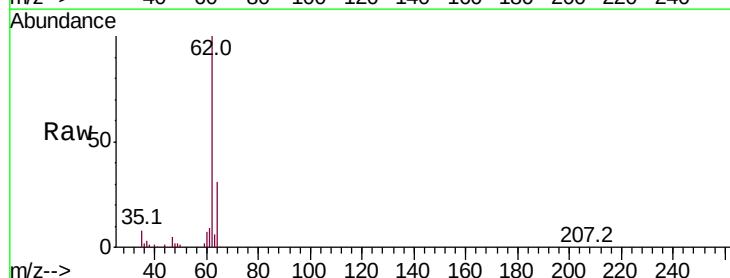
Acq: 07 Oct 2020 06:53

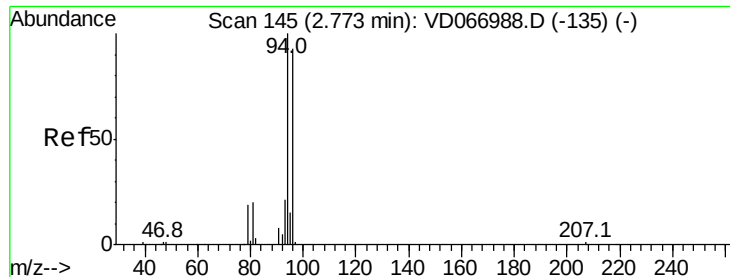
Tgt Ion: 62 Resp: 111272

Ion Ratio Lower Upper

62 100

64 31.1 25.8 38.8





#5

Bromomethane

Concen: 59.928 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

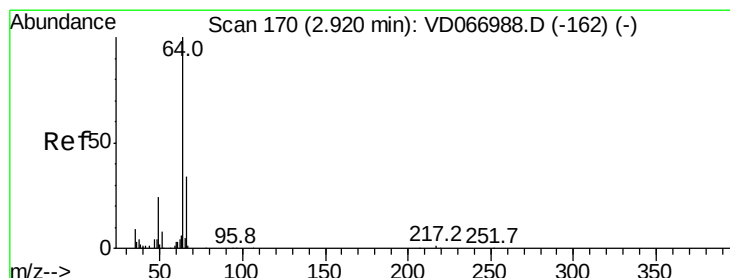
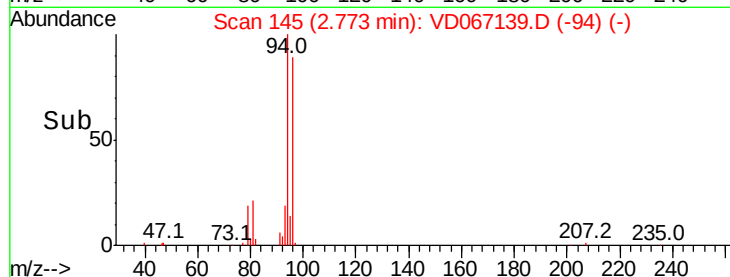
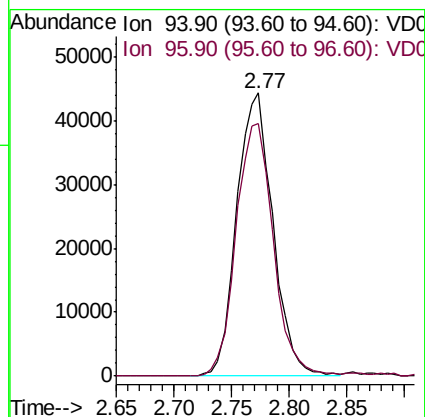
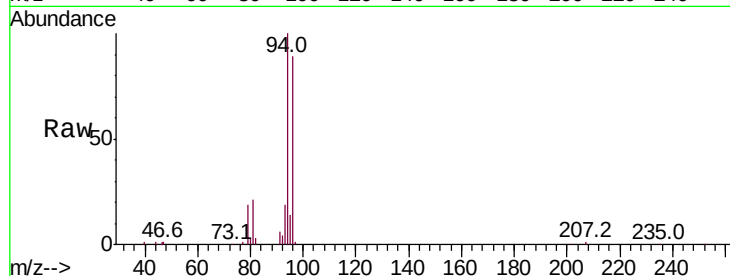
VSTDCCC050EC

Tot Ion: 94 Resp: 96494

Ion Ratio Lower Upper

94 100

96 89.3 74.6 112.0



#6

Chloroethane

Concen: 49.691 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067139.D

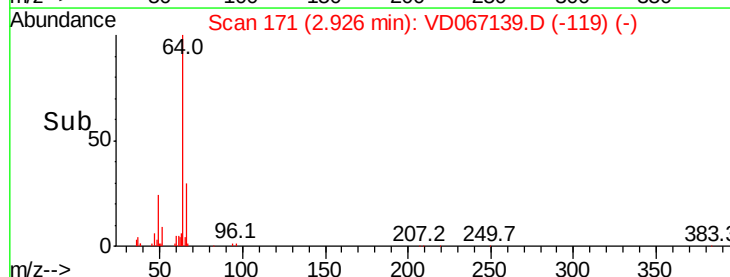
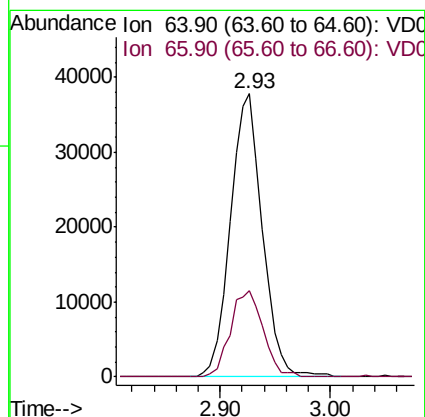
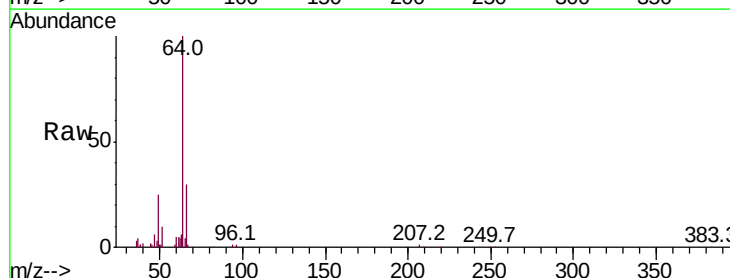
Acq: 07 Oct 2020 06:53

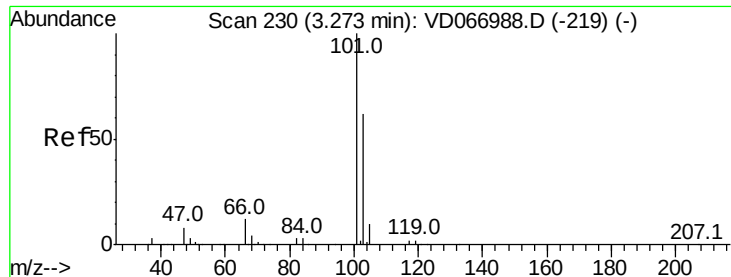
Tgt Ion: 64 Resp: 76695

Ion Ratio Lower Upper

64 100

66 30.3 27.0 40.6



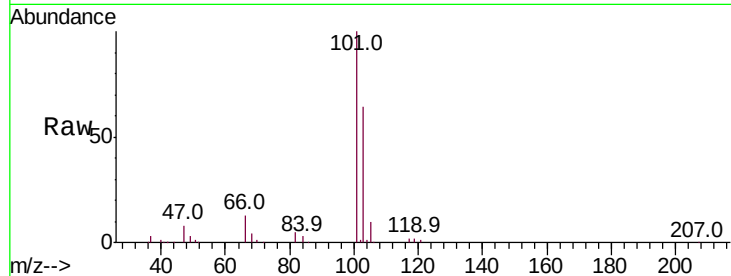


#7

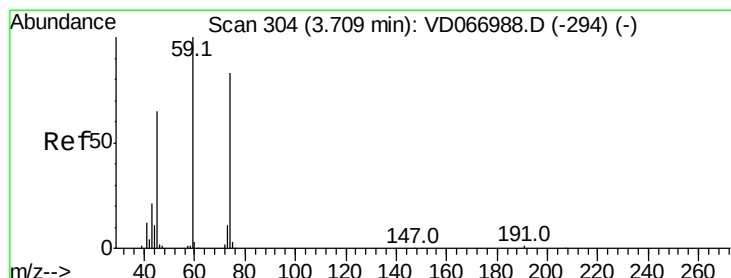
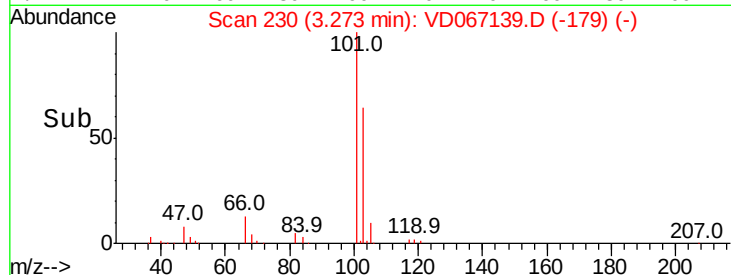
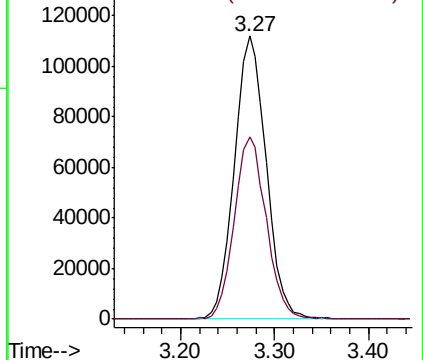
Trichlorofluoromethane
Concen: 46.679 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 262838
Ion Ratio Lower Upper
101 100
103 64.4 49.8 74.8



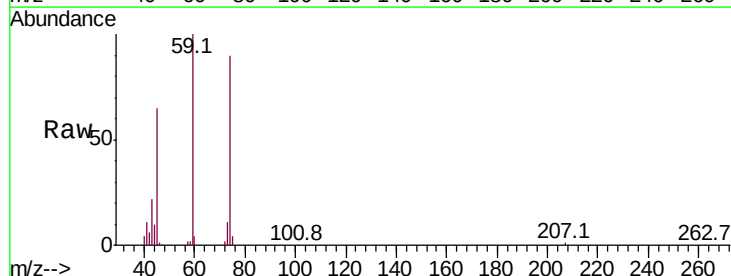
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



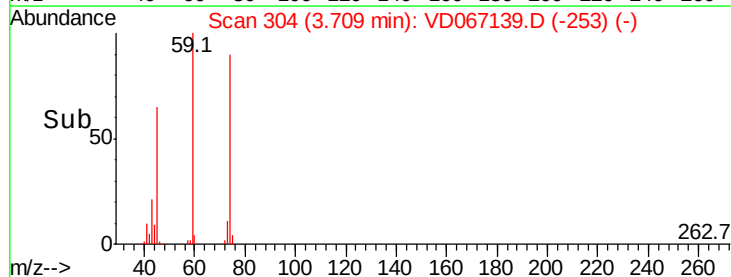
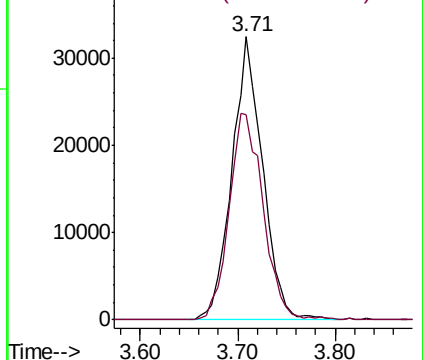
#8

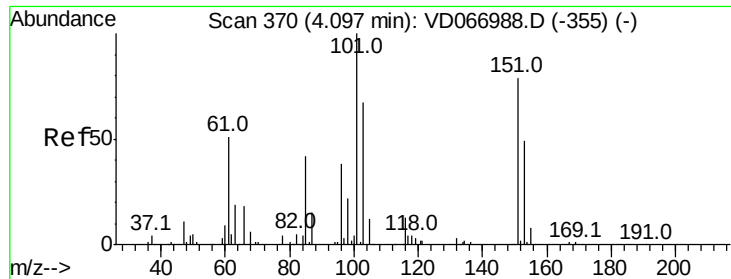
Diethyl Ether
Concen: 50.720 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

Tgt Ion: 74 Resp: 70821
Ion Ratio Lower Upper
74 100
45 80.6 43.1 129.3



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

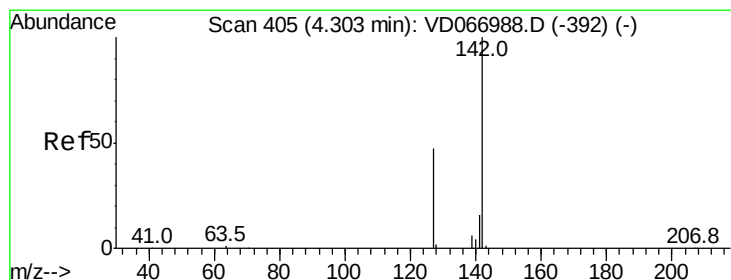
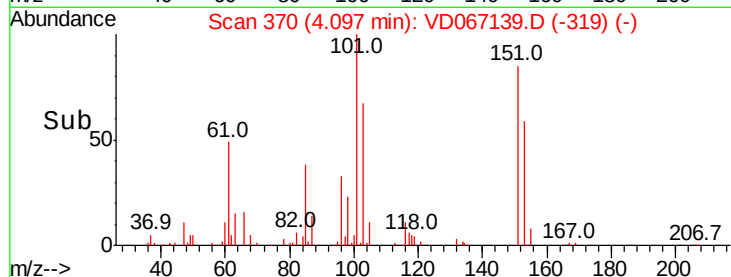
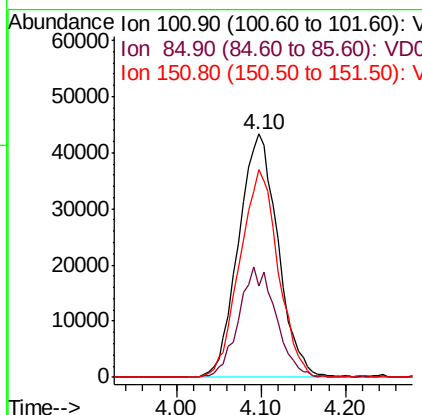
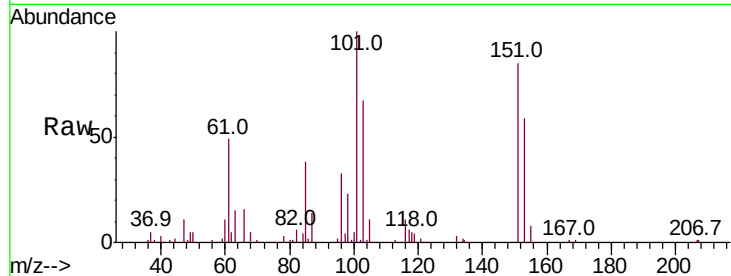




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 44.088 ug/l
 RT: 4.10 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

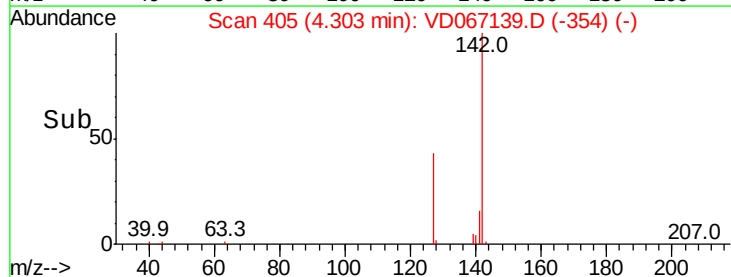
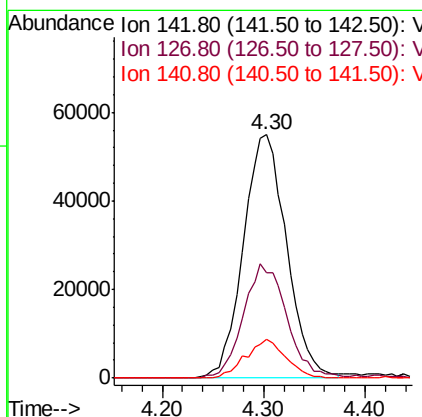
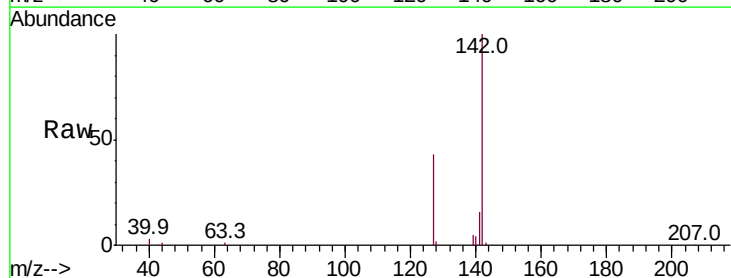
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

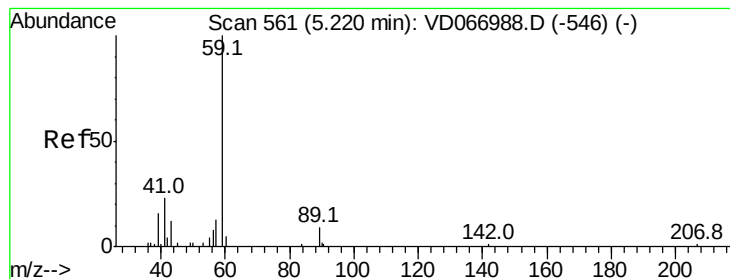
Tot Ion:	101	Resp:	140315
Ion	Ratio	Lower	Upper
101	100		
85	42.8	33.8	50.8
151	83.2	63.8	95.8



#10
 Methyl Iodide
 Concen: 52.586 ug/l
 RT: 4.30 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

Tgt Ion:	142	Resp:	162617
Ion	Ratio	Lower	Upper
142	100		
127	47.1	36.3	54.5
141	15.1	12.0	18.0



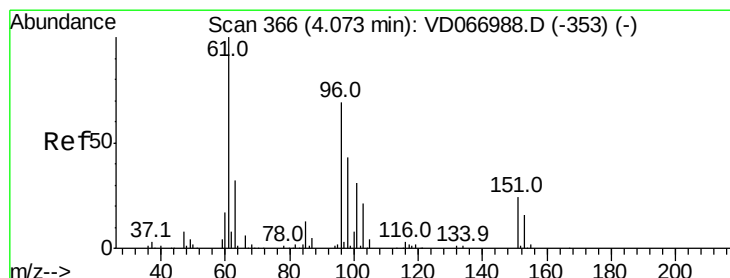
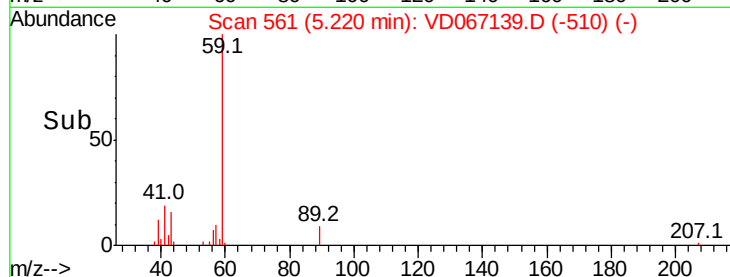
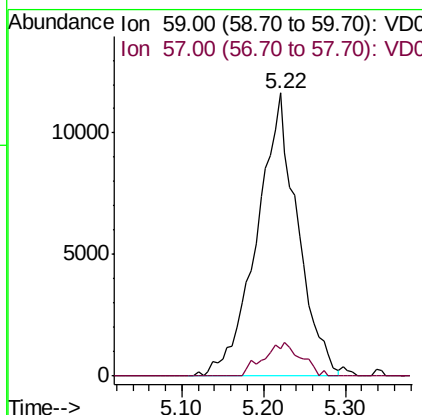
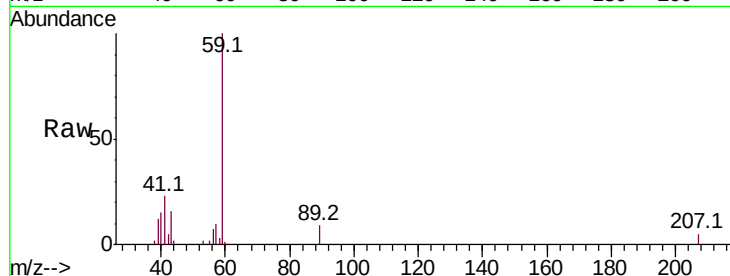


#11

Tert butyl alcohol
 Concen: 219.697 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

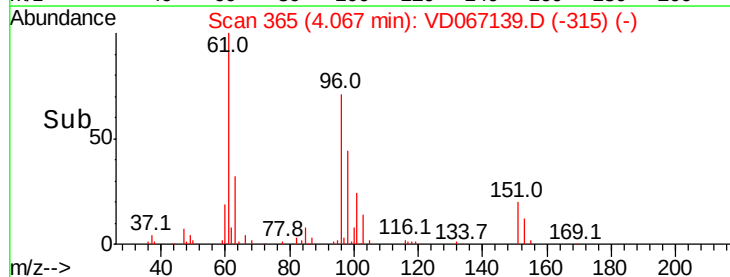
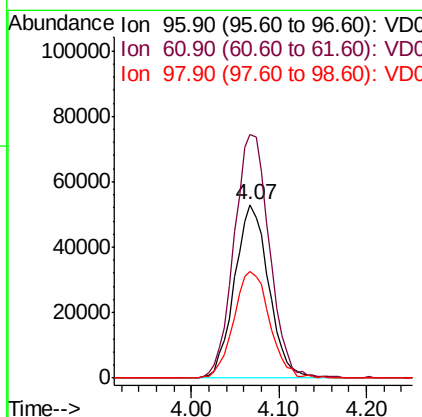
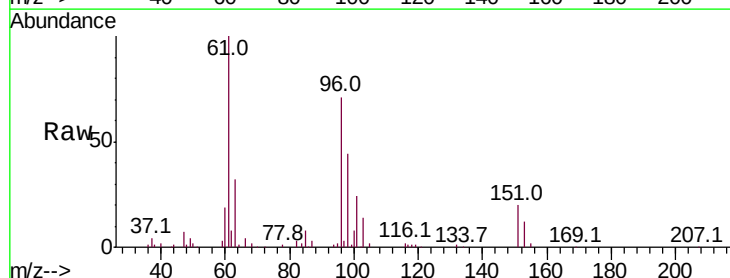
Tot Ion: 59 Resp: 40416
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.2 12.4

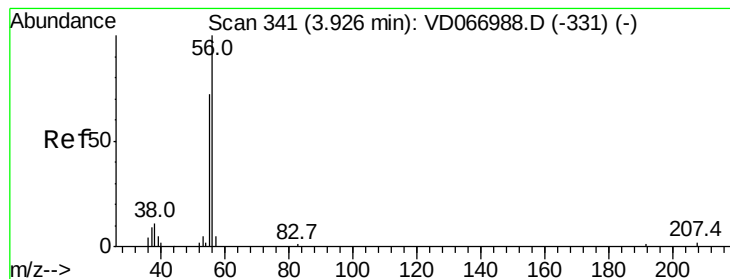


#12

1,1-Dichloroethene
 Concen: 46.870 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

Tgt Ion: 96 Resp: 140228
 Ion Ratio Lower Upper
 96 100
 61 139.7 116.4 174.6
 98 61.7 49.9 74.9





#13

Acrolein

Concen: 211.519 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

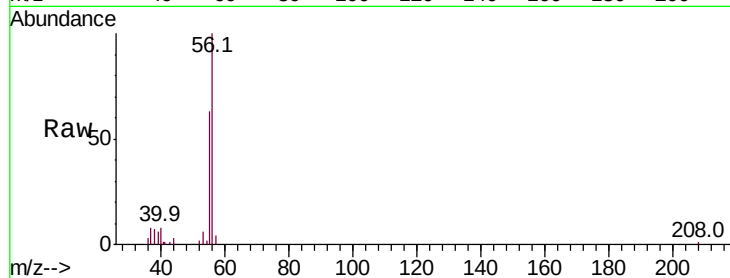
VSTDCCC050EC

Tot Ion: 56 Resp: 43297

Ion Ratio Lower Upper

56 100

55 69.5 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

20000

15000

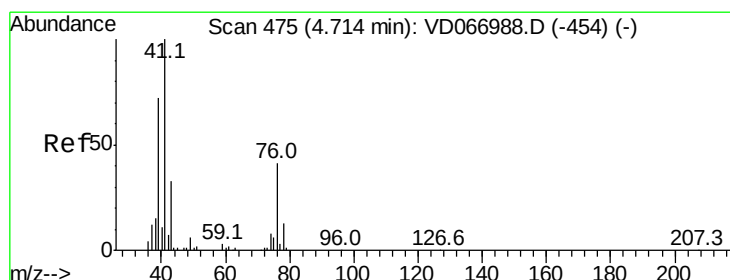
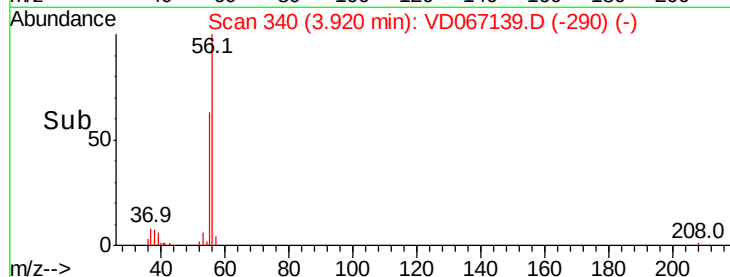
10000

5000

0

Time--> 3.80 3.85 3.90 3.95 4.00

3.92



#14

Allyl chloride

Concen: 44.790 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

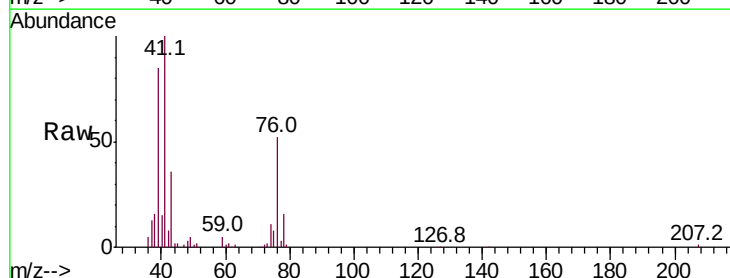
Tgt Ion: 41 Resp: 174084

Ion Ratio Lower Upper

41 100

39 76.4 56.2 84.2

76 47.4 34.2 51.2



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

60000

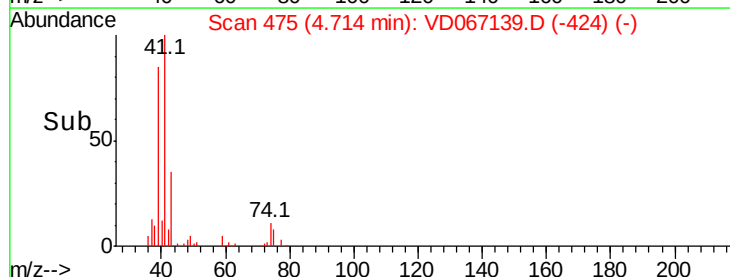
40000

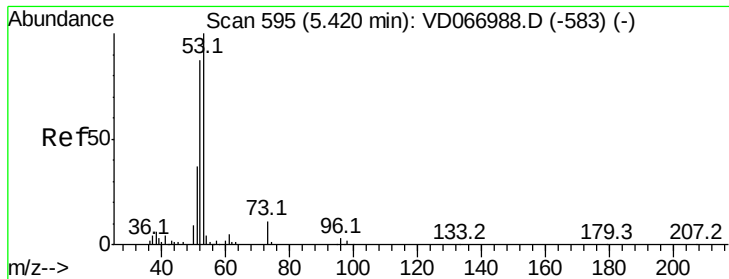
20000

0

Time--> 4.50 4.60 4.70 4.80

4.71





#15

Acrylonitrile

Concen: 247.212 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

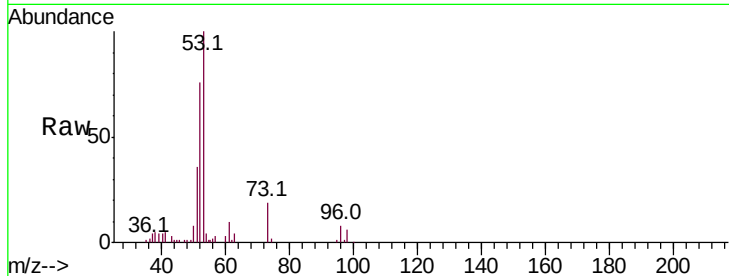
Tot Ion: 53 Resp: 127043

Ion Ratio Lower Upper

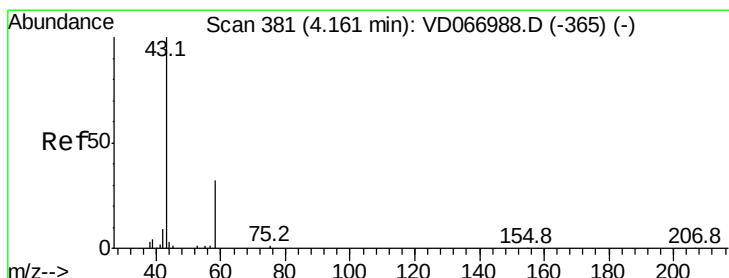
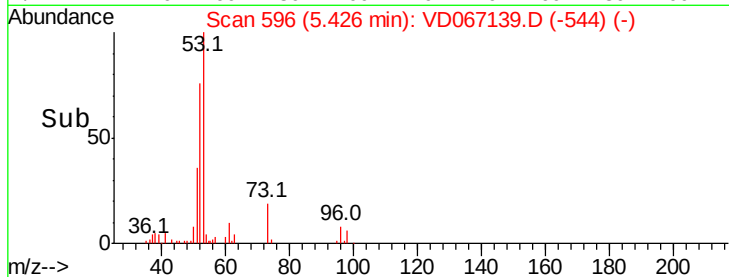
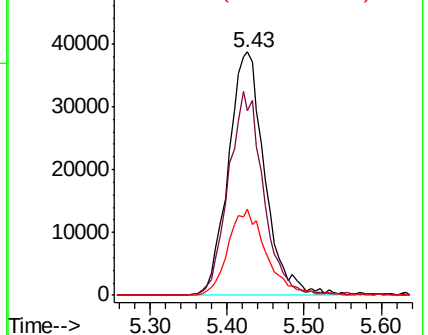
53 100

52 80.3 67.3 100.9

51 37.2 30.2 45.2



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: 222.073 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD067139.D

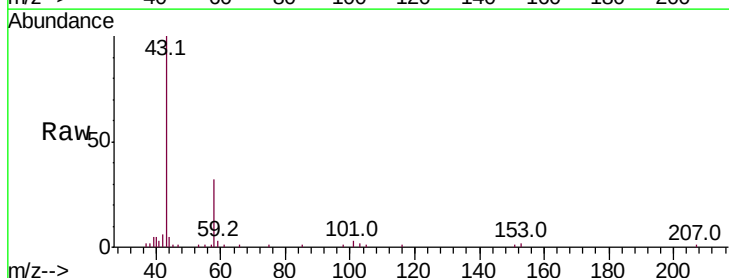
Acq: 07 Oct 2020 06:53

Tgt Ion: 43 Resp: 103631

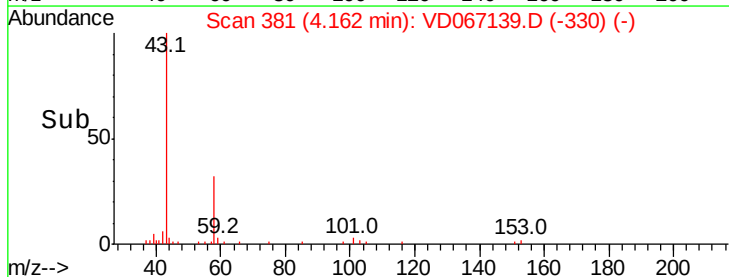
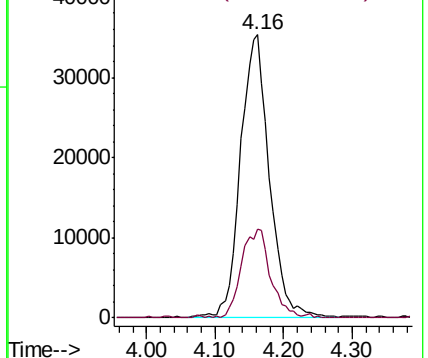
Ion Ratio Lower Upper

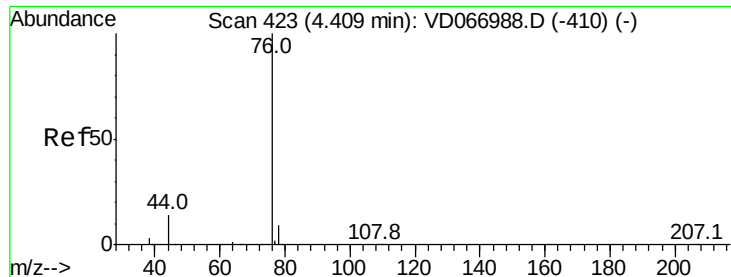
43 100

58 31.5 25.9 38.9



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

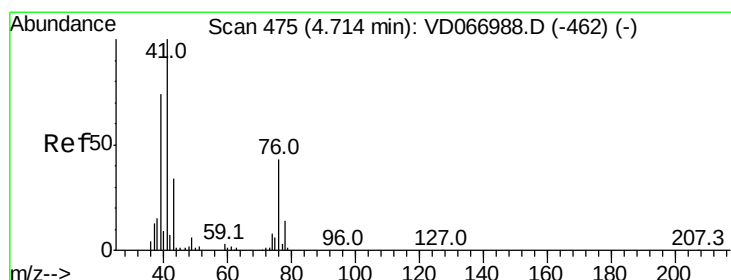
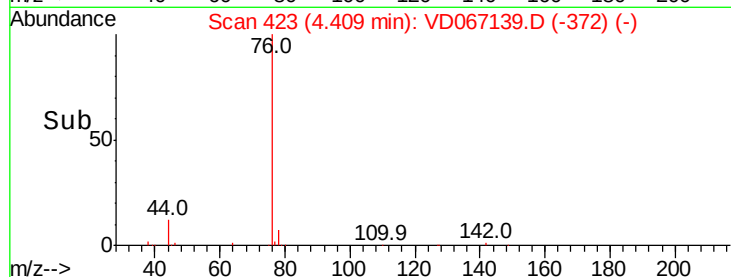
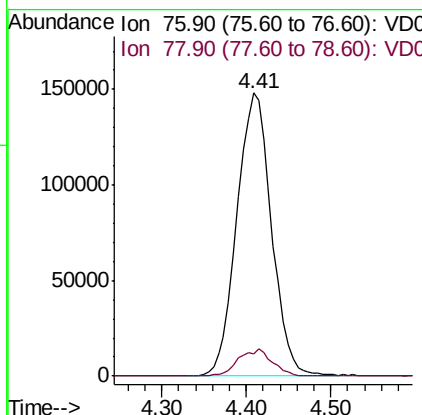
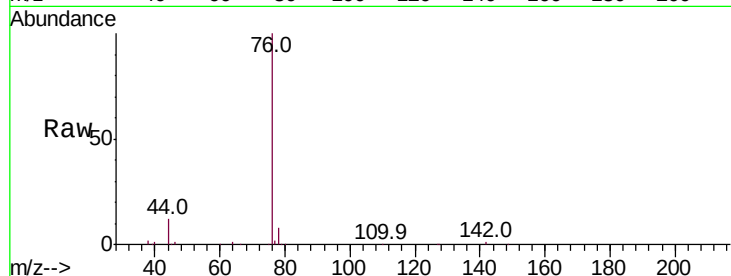




#17
Carbon Disulfide
Concen: 45.833 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

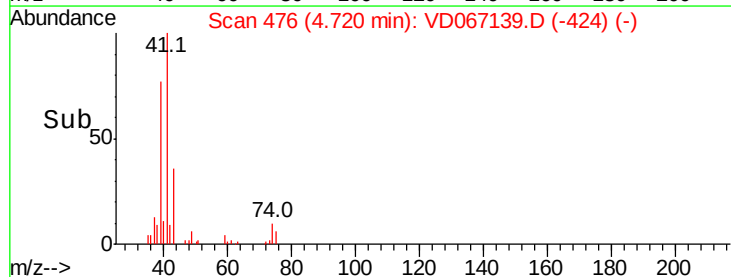
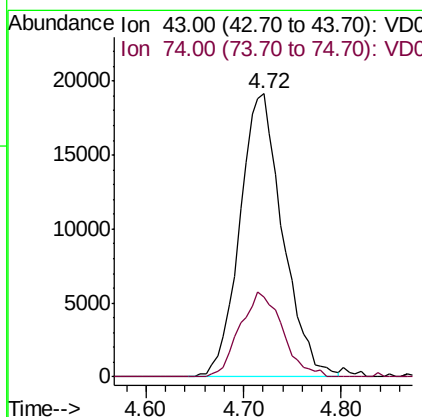
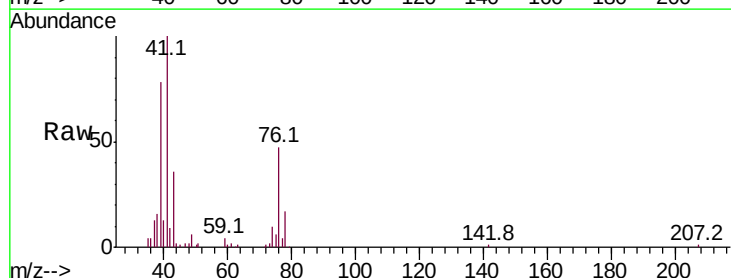
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

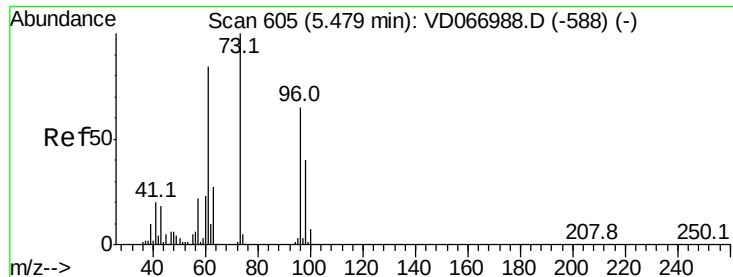
Tot Ion: 76 Resp: 420834
Ion Ratio Lower Upper
76 100
78 7.8 7.5 11.3



#18
Methyl Acetate
Concen: 50.013 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

Tgt Ion: 43 Resp: 58658
Ion Ratio Lower Upper
43 100
74 29.8 21.5 32.3



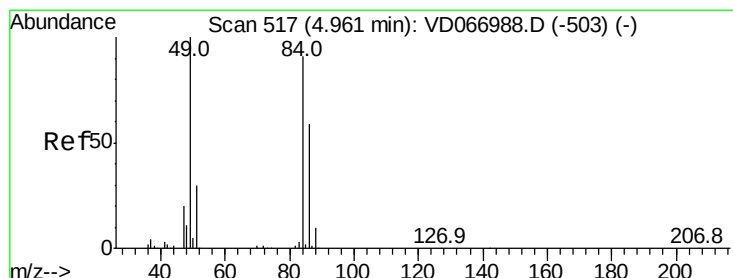
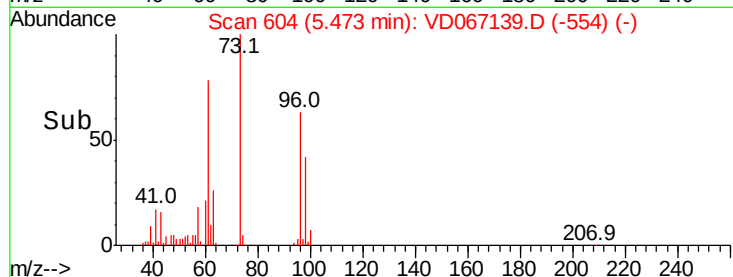
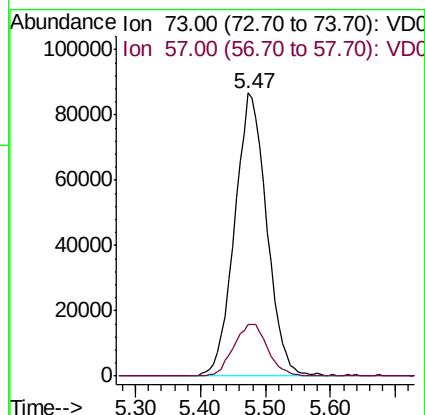
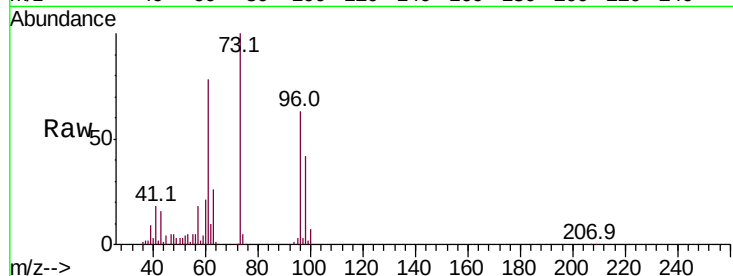


#19

Methyl tert-butyl Ether
 Concen: 54.306 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

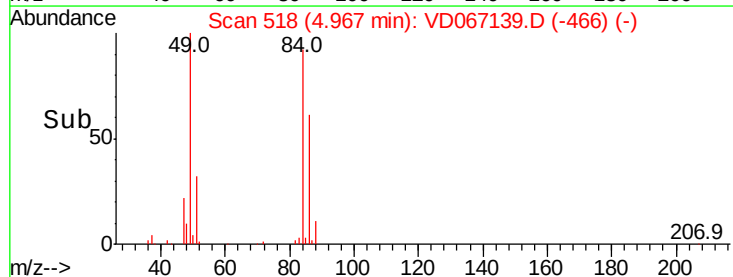
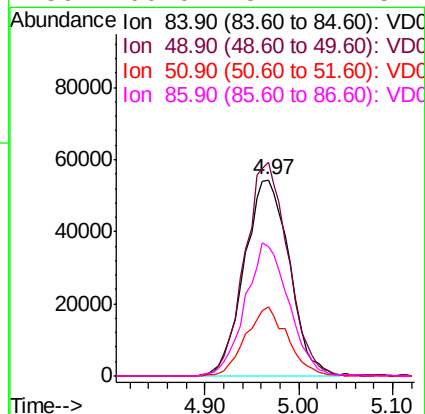
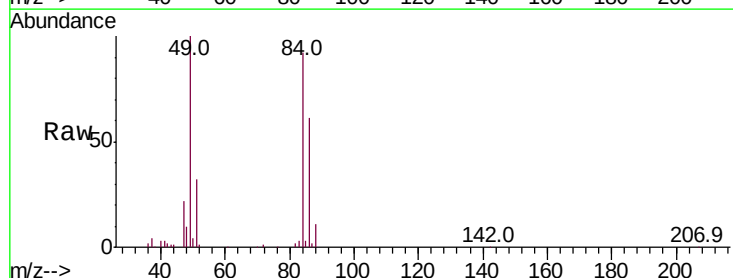
Tot Ion: 73 Resp: 296605
 Ion Ratio Lower Upper
 73 100
 57 18.4 17.4 26.0

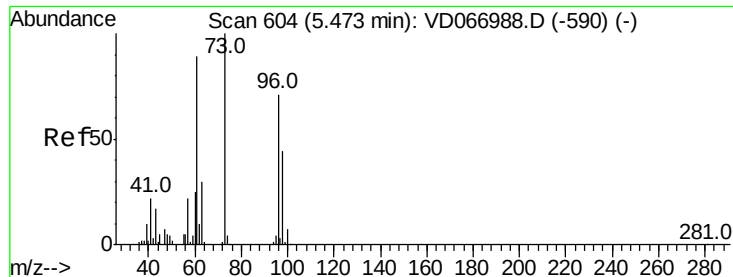


#20

Methylene Chloride
 Concen: 55.511 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

Tgt Ion: 84 Resp: 181169
 Ion Ratio Lower Upper
 84 100
 49 108.8 88.2 132.2
 51 35.2 26.6 39.8
 86 66.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 50.183 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

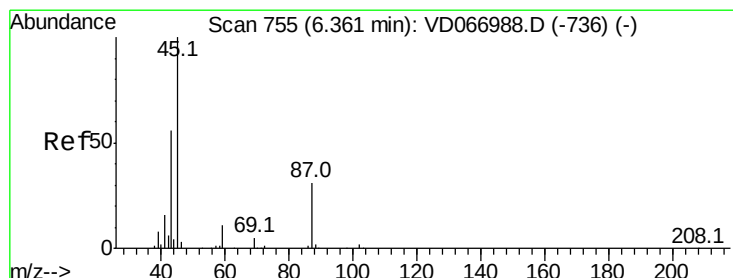
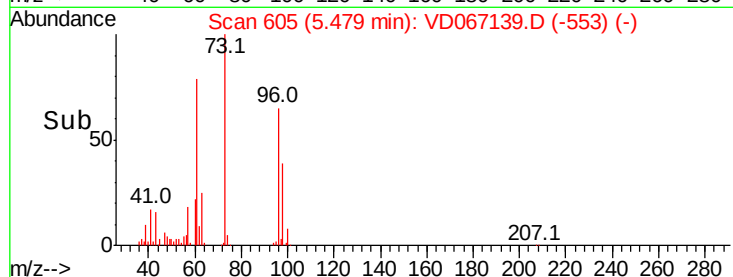
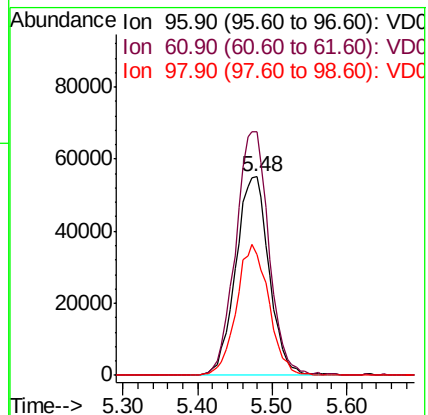
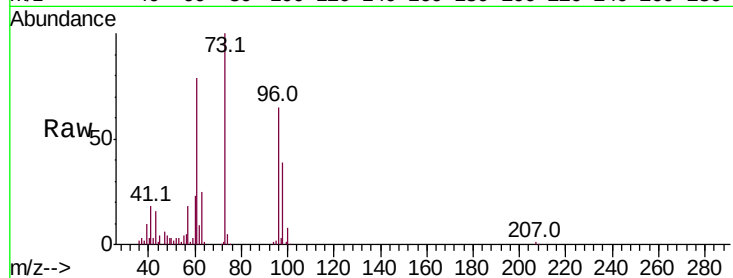
Tot Ion: 96 Resp: 170868

Ion Ratio Lower Upper

96 100

61 122.7 99.6 149.4

98 60.9 49.4 74.2



#22

Diisopropyl ether

Concen: 48.702 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Tgt Ion: 45 Resp: 345573

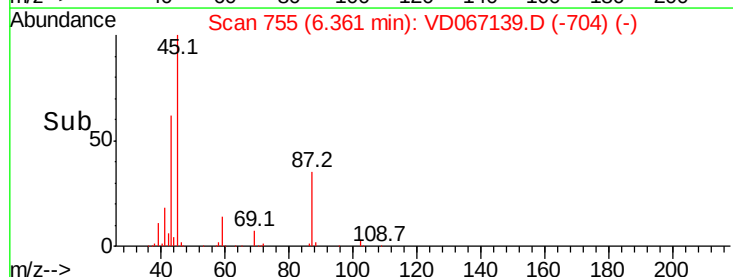
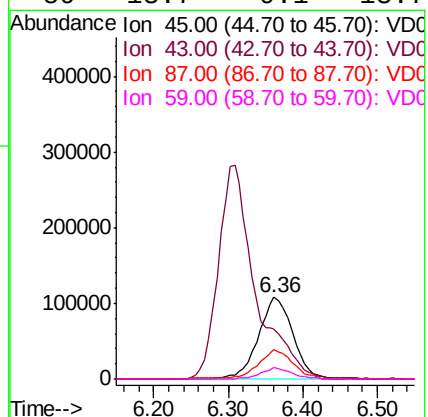
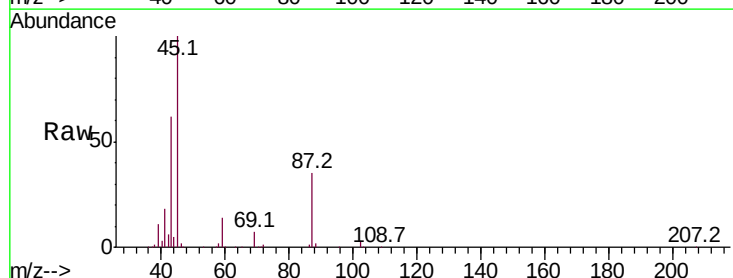
Ion Ratio Lower Upper

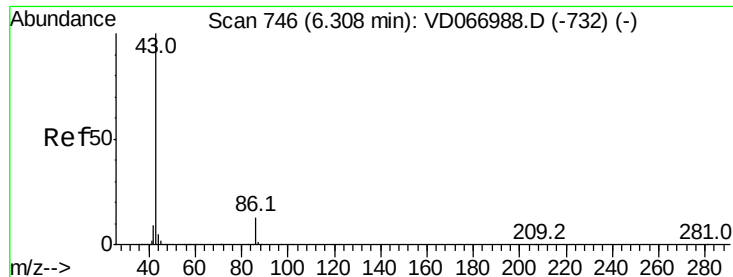
45 100

43 60.5 45.2 67.8

87 34.9 25.6 38.4

59 13.7 9.1 13.7





#23

Vinyl Acetate

Concen: 241.813 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

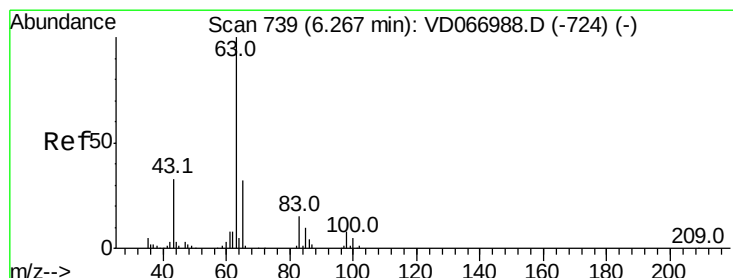
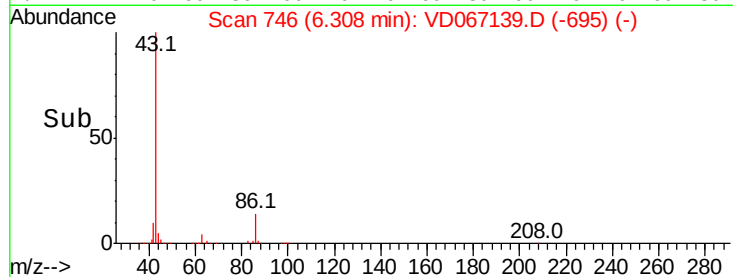
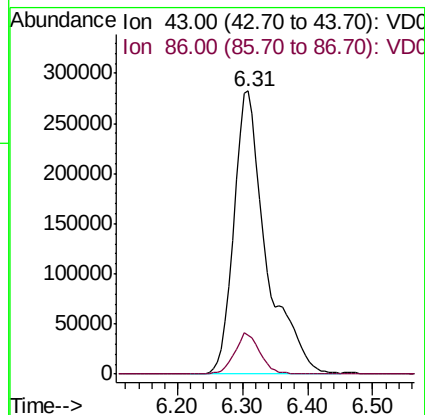
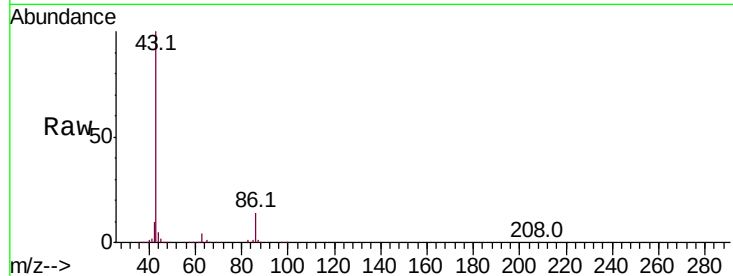
VSTDCCC050EC

Tot Ion: 43 Resp: 972303

Ion Ratio Lower Upper

43 100

86 13.6 10.2 15.2



#24

1,1-Dichloroethane

Concen: 51.168 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

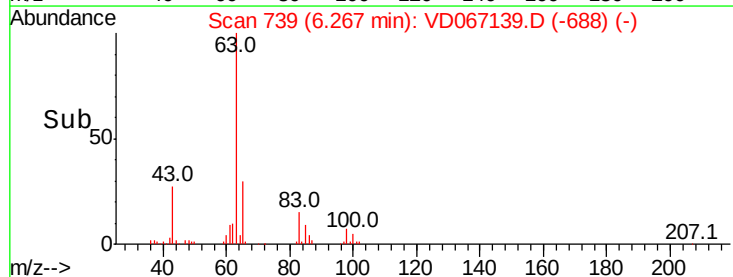
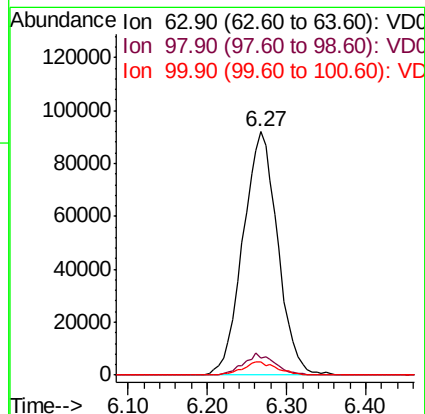
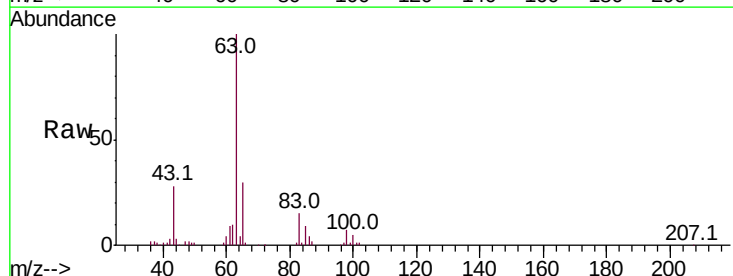
Tgt Ion: 63 Resp: 280201

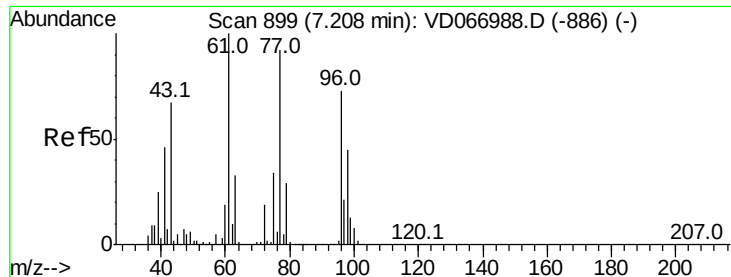
Ion Ratio Lower Upper

63 100

98 7.1 4.2 12.6

100 5.3 2.6 7.8





#25

2-Butanone

Concen: 224.331 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

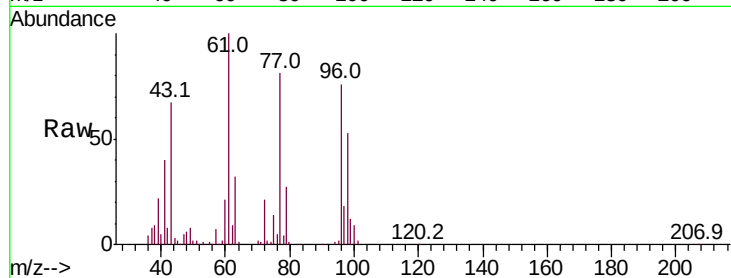
VSTDCCC050EC

Tot Ion: 43 Resp: 148419

Ion Ratio Lower Upper

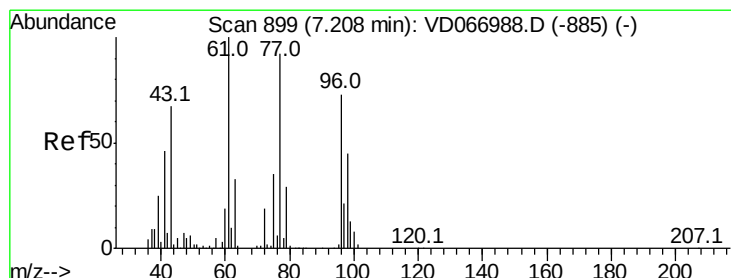
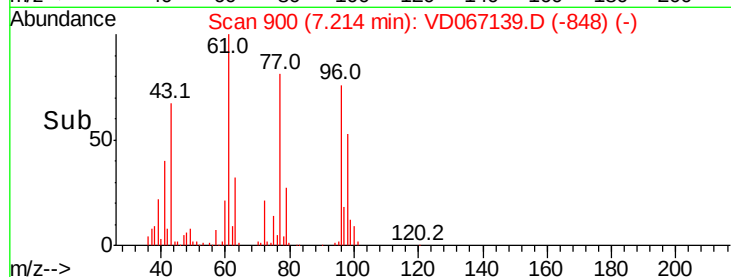
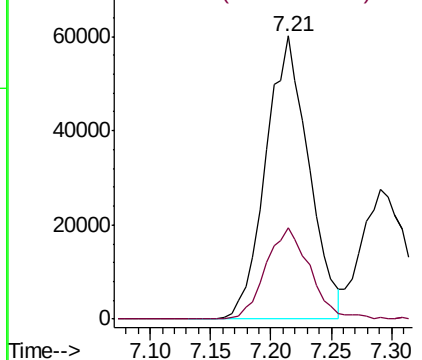
43 100

72 32.1 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 46.615 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067139.D

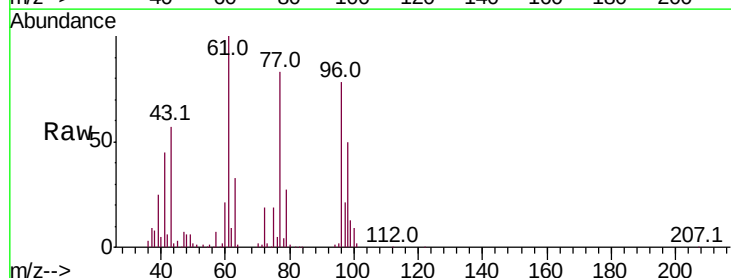
Acq: 07 Oct 2020 06:53

Tgt Ion: 77 Resp: 219589

Ion Ratio Lower Upper

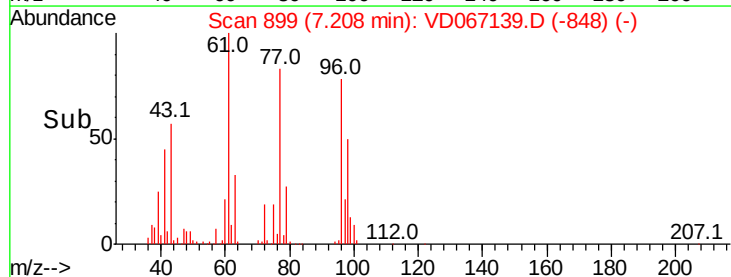
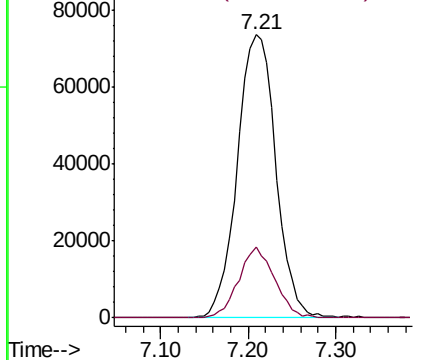
77 100

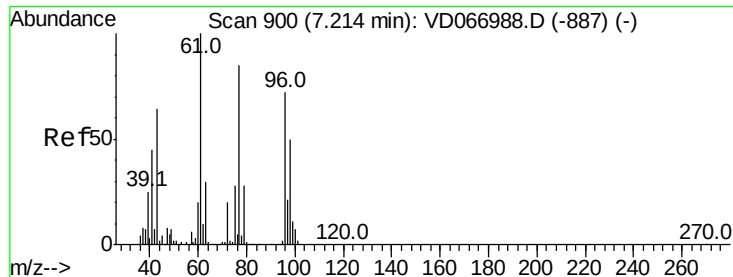
97 23.2 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 52.747 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

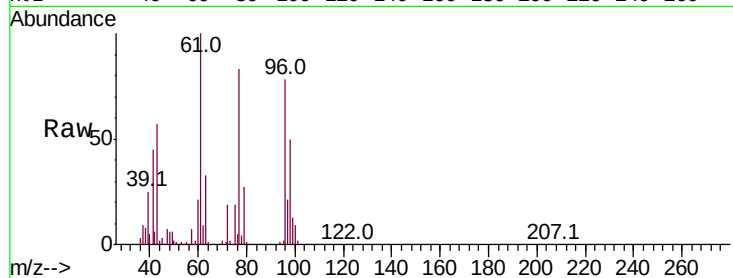
Tot Ion: 96 Resp: 191810

Ion Ratio Lower Upper

96 100

61 127.4 0.0 269.2

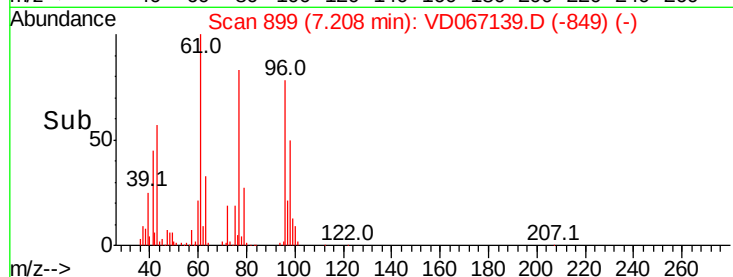
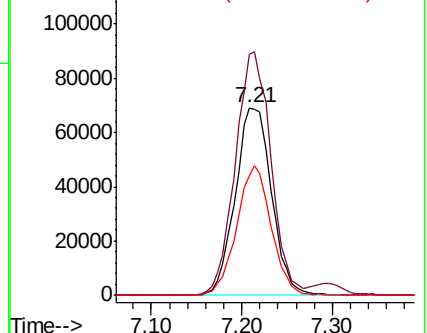
98 65.7 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 50.647 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.01 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

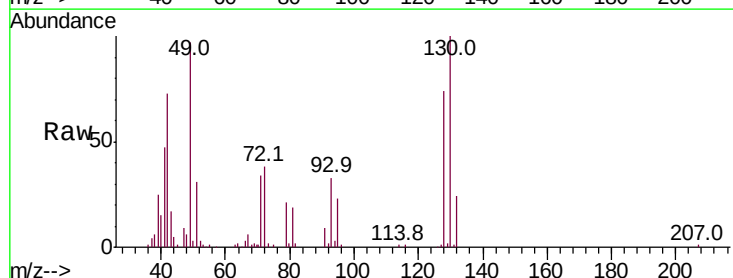
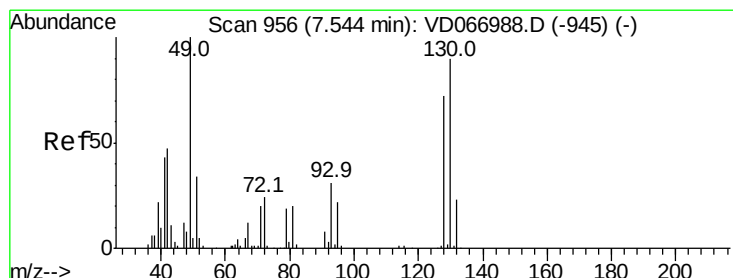
Tgt Ion: 49 Resp: 107108

Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.6

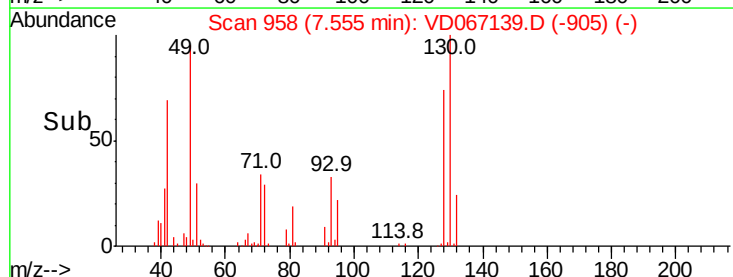
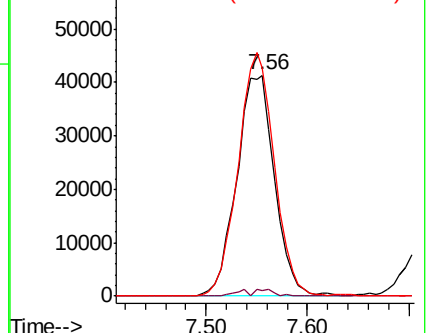
130 105.6 74.1 111.1

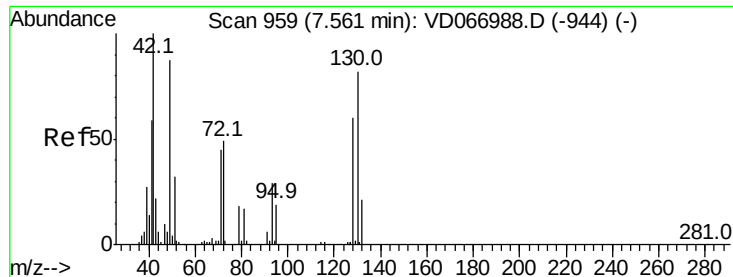


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

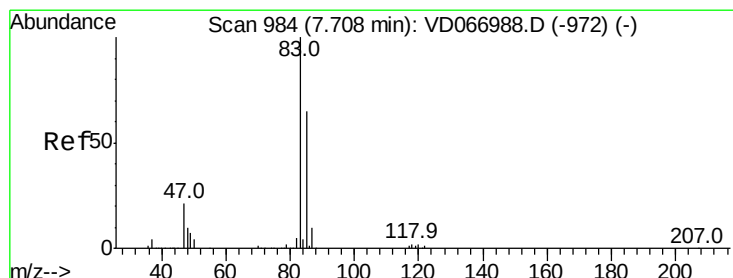
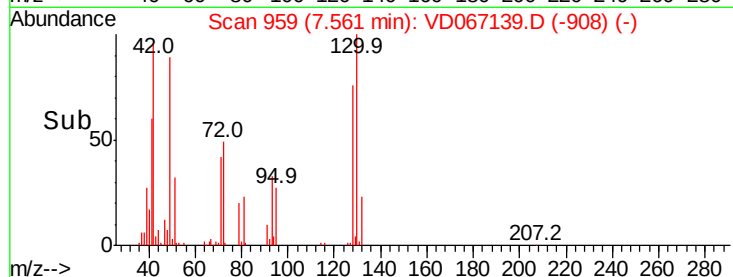
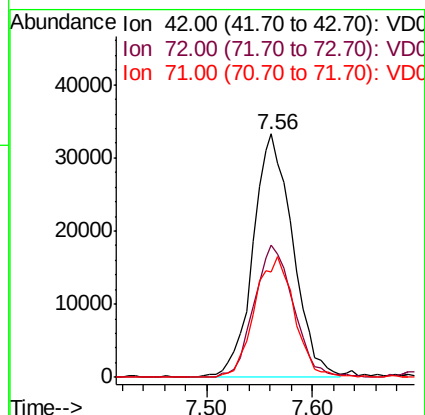
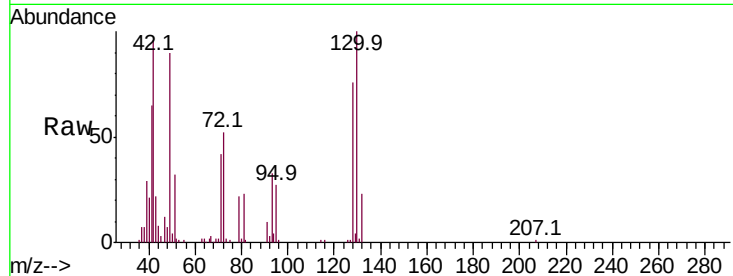




#29
Tetrahydrofuran
Concen: 228.338 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

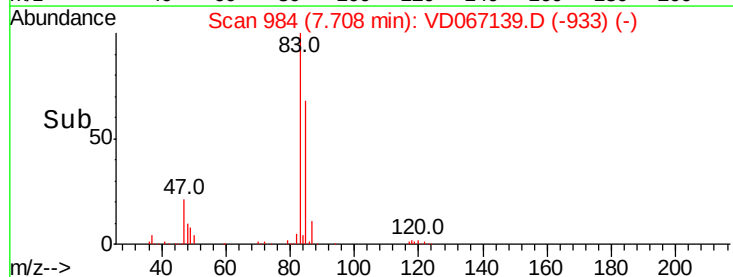
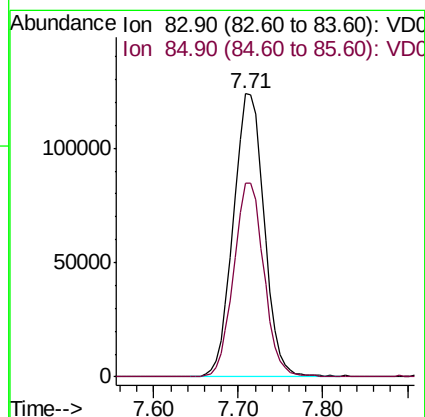
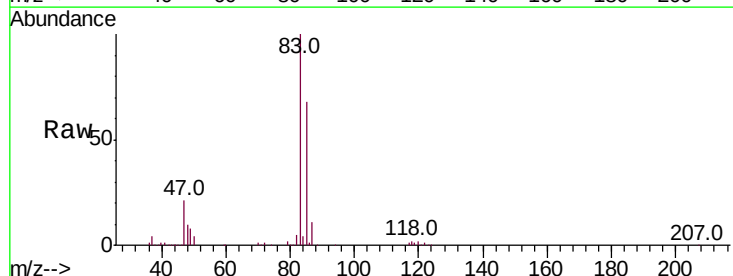
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

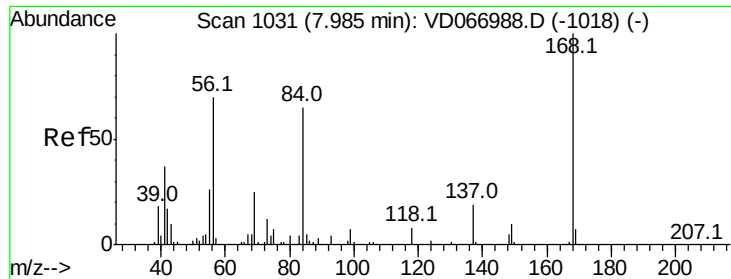
Tot Ion: 42 Resp: 86864
Ion Ratio Lower Upper
42 100
72 54.1 39.1 58.7
71 49.4 34.2 51.4



#30
Chloroform
Concen: 52.587 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

Tgt Ion: 83 Resp: 312390
Ion Ratio Lower Upper
83 100
85 68.4 52.3 78.5

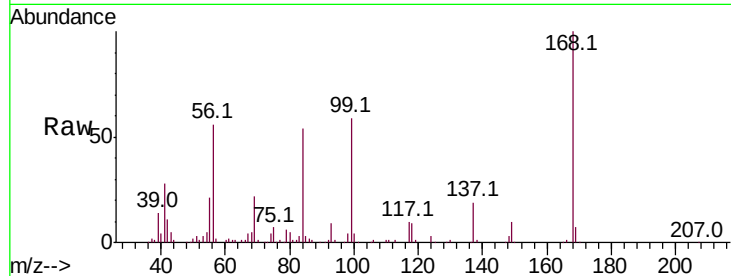




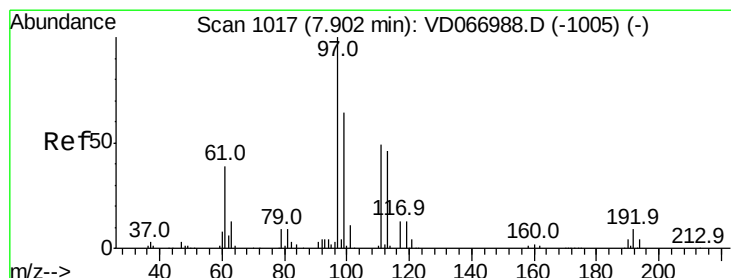
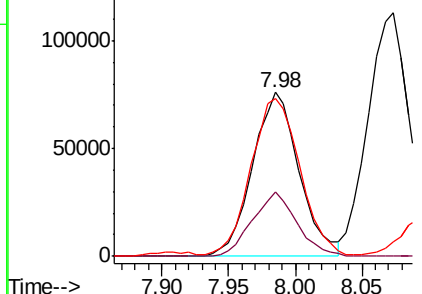
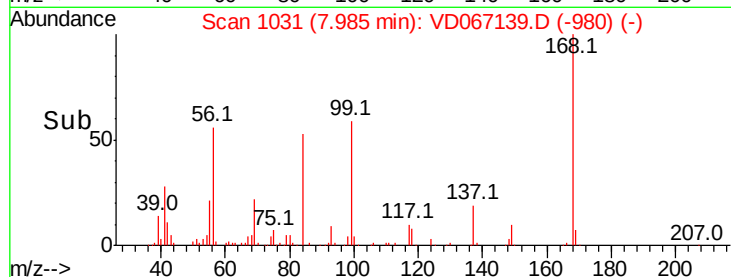
#31
Cyclohexane
Concen: 40.019 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 183727
Ion Ratio Lower Upper
56 100
69 39.3 29.0 43.6
84 94.1 74.2 111.2

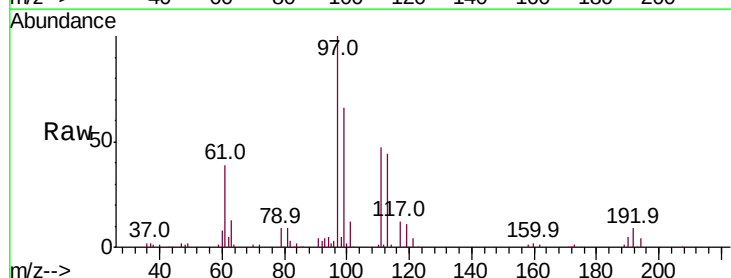


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

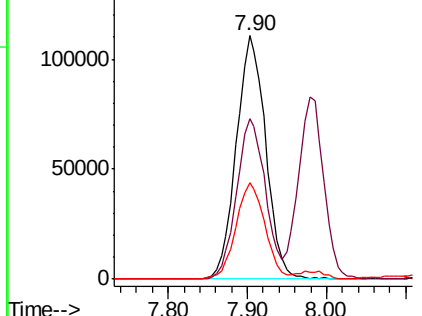
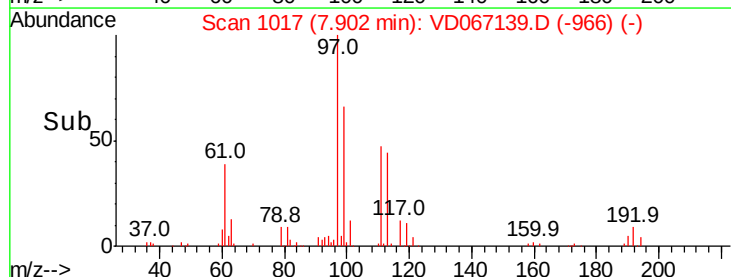


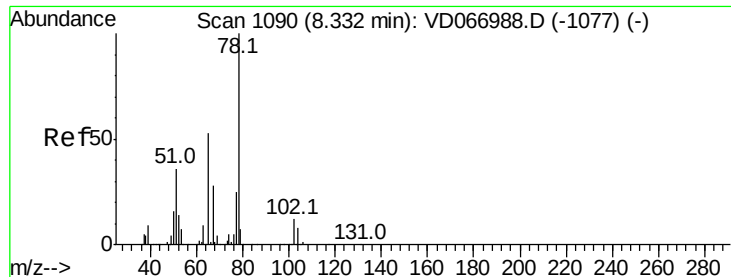
#32
1,1,1-Trichloroethane
Concen: 51.688 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

Tgt Ion: 97 Resp: 284564
Ion Ratio Lower Upper
97 100
99 64.6 52.6 78.8
61 39.1 32.8 49.2



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

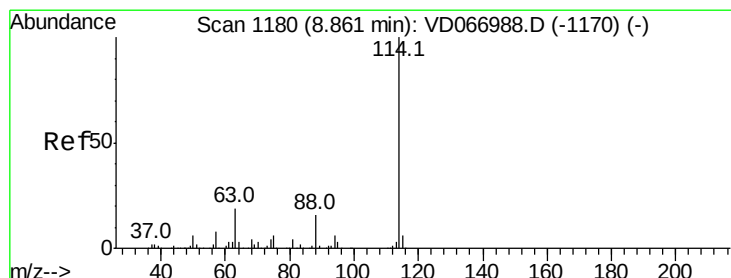
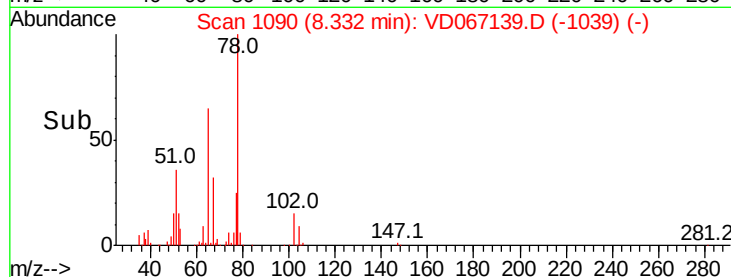
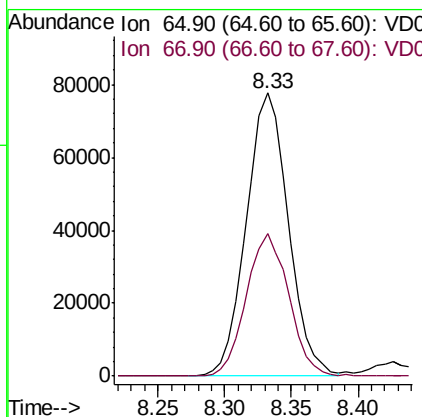
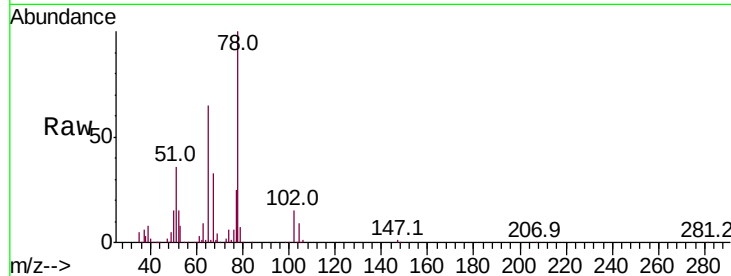




#33
 1,2-Dichloroethane-d4
 Concen: 55.347 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

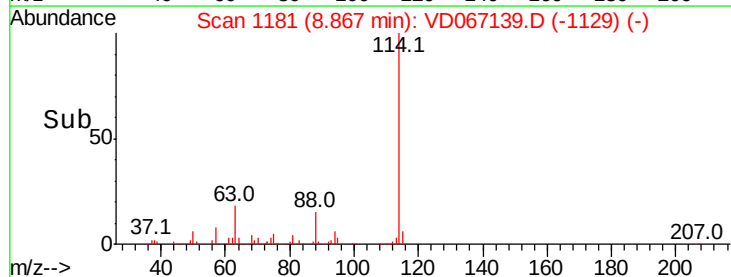
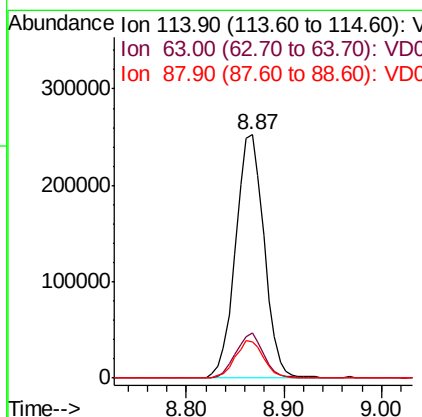
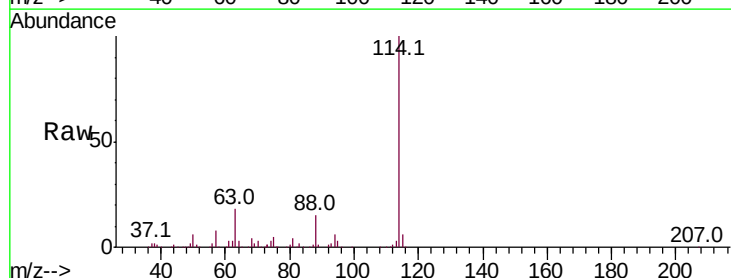
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

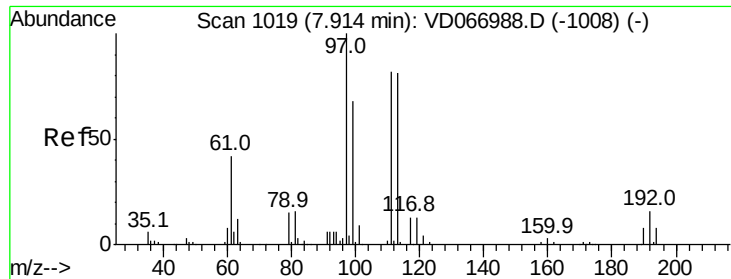
Tot Ion: 65 Resp: 169196
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

Tgt Ion: 114 Resp: 516388
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.4
 88 14.8 0.0 31.2

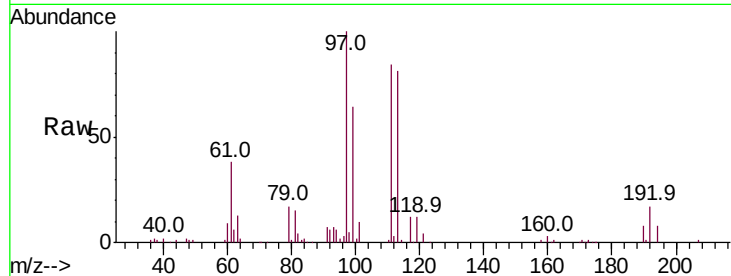




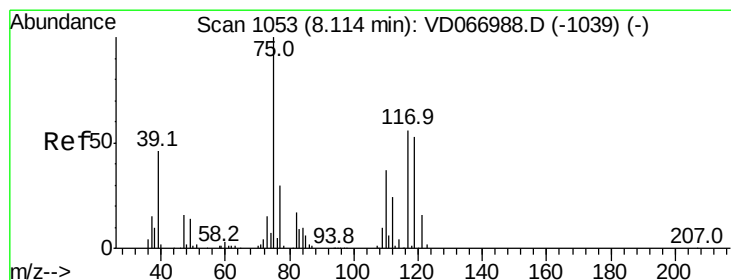
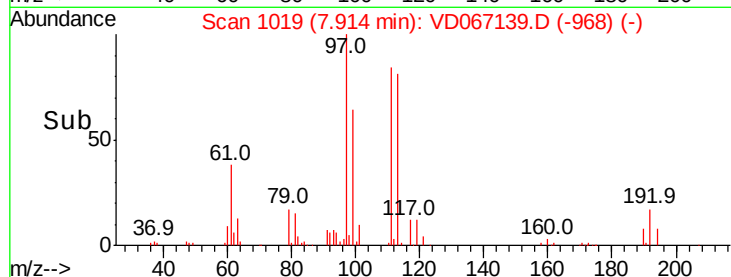
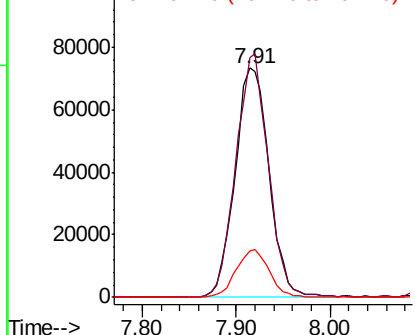
#35
 Dibromofluoromethane
 Concen: 54.506 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.0	124.4
192	20.2	15.5	23.3

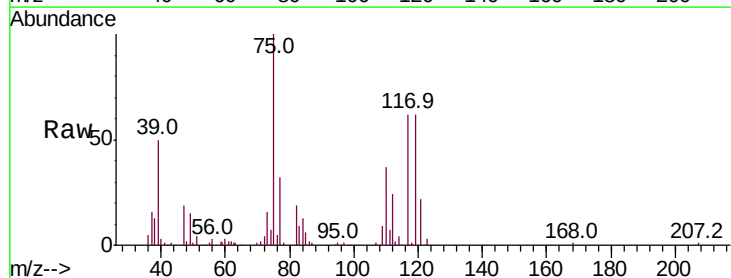


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

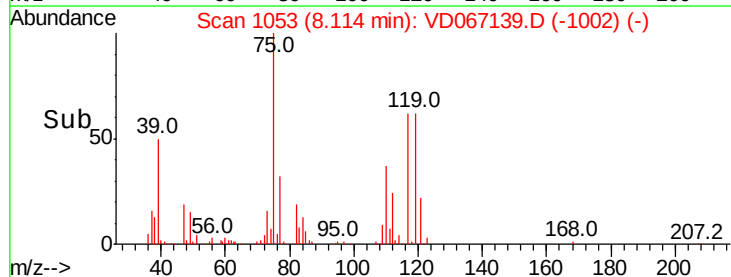
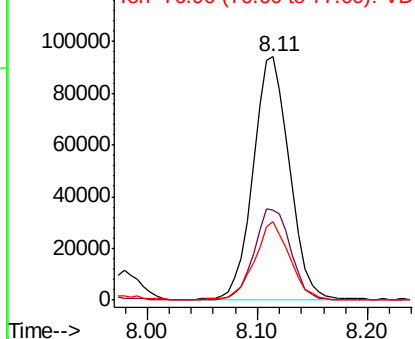


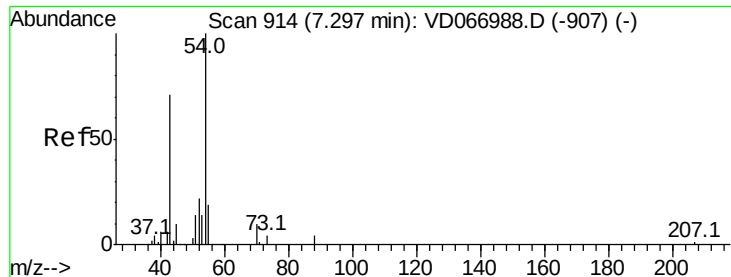
#36
 1,1-Dichloropropene
 Concen: 44.712 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.4	18.4	55.0
77	31.7	24.8	37.2



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

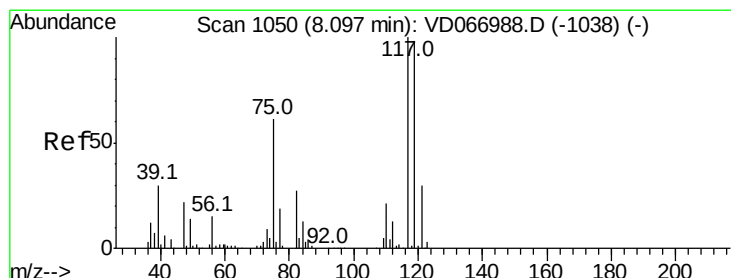
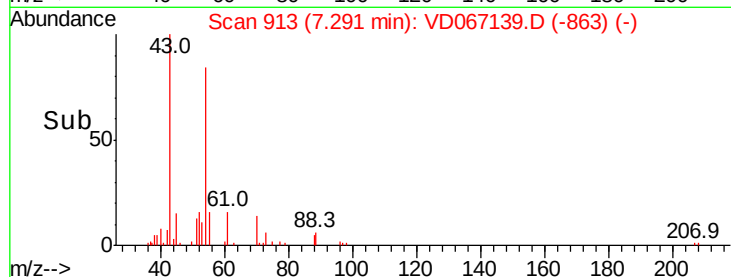
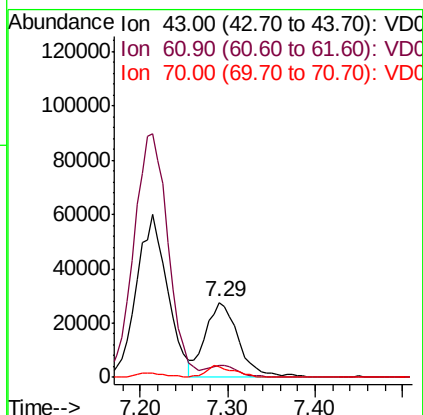
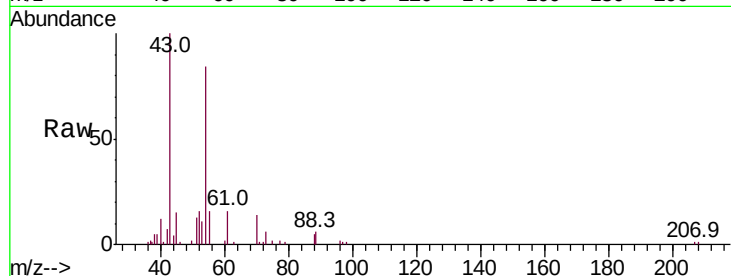




#37
Ethyl Acetate
Concen: 43.640 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

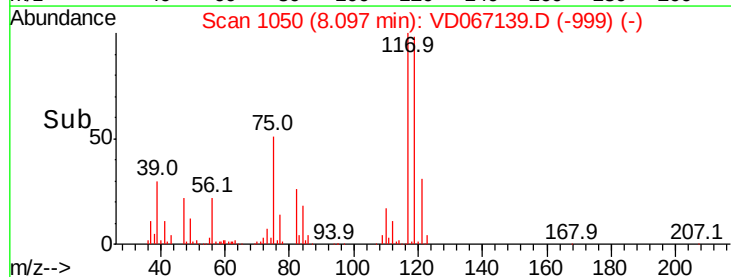
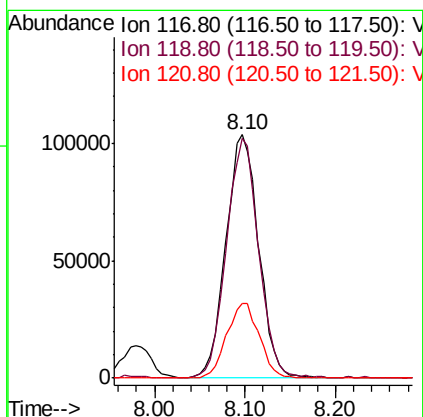
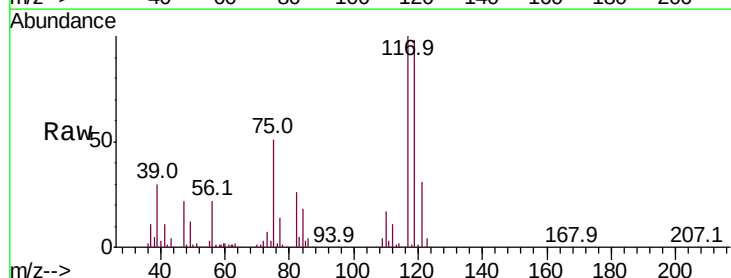
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

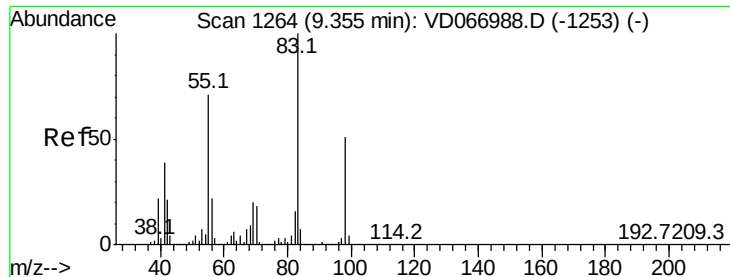
Tot Ion: 43 Resp: 72768
Ion Ratio Lower Upper
43 100
61 14.2 12.5 18.7
70 13.3 9.4 14.0



#38
Carbon Tetrachloride
Concen: 49.709 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

Tgt Ion: 117 Resp: 258879
Ion Ratio Lower Upper
117 100
119 98.4 78.7 118.1
121 30.8 24.2 36.2

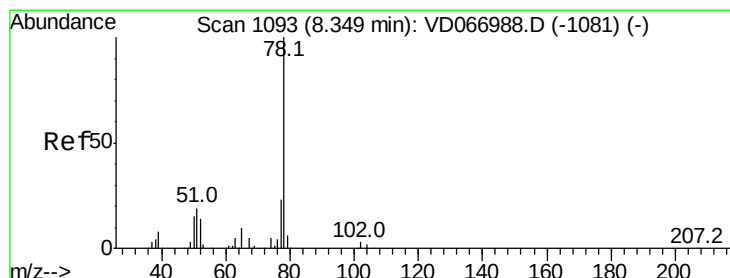
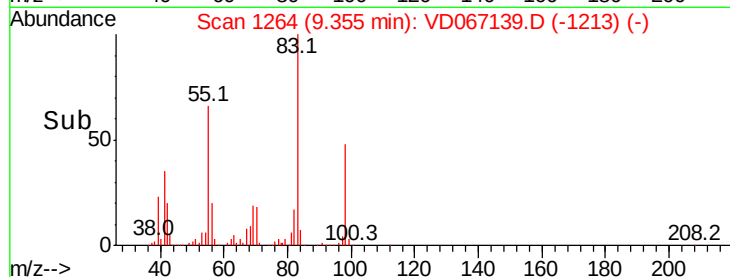
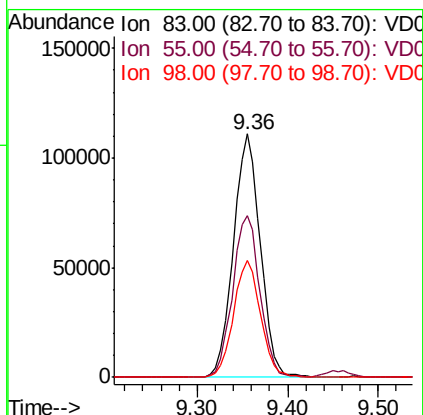
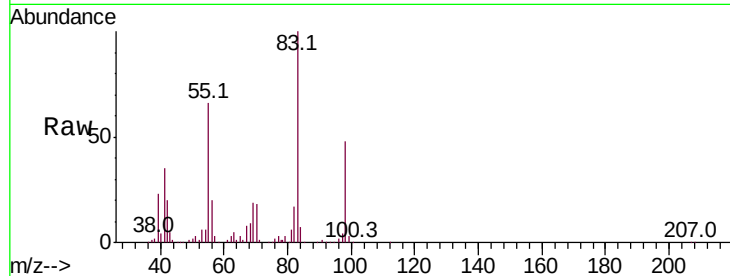




#39
Methylvlcyclohexane
Concen: 45.046 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

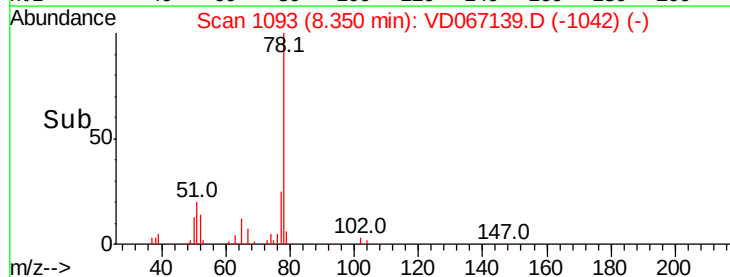
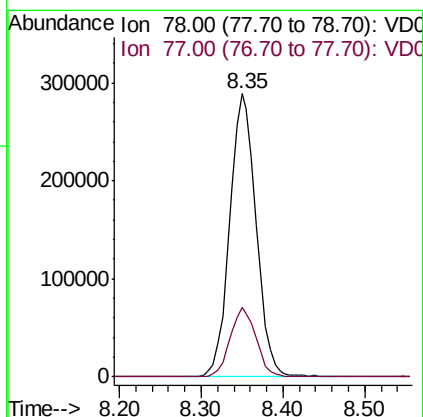
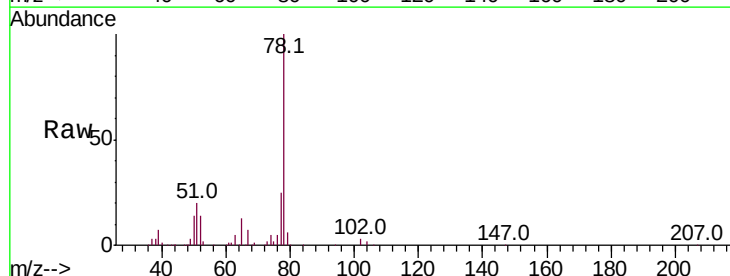
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

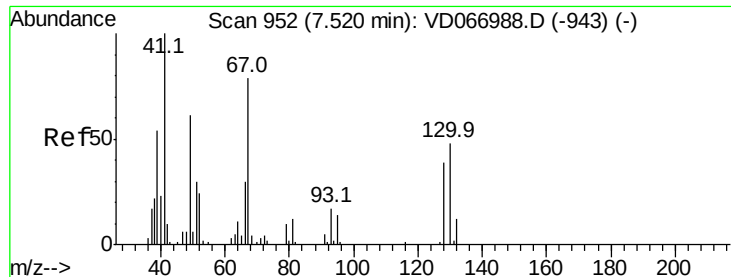
Tot Ion	83	Resp	229231
Ion Ratio	Lower	Upper	
83	100		
55	66.2	57.1	85.7
98	48.0	40.9	61.3



#40
Benzene
Concen: 48.431 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

Tgt Ion	78	Resp	647482
Ion Ratio	Lower	Upper	
78	100		
77	24.6	18.4	27.6





#41

Methacrylonitrile

Concen: 44.584 ug/l

RT: 7.53 min Scan# 953

Delta R.T. 0.01 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 40163

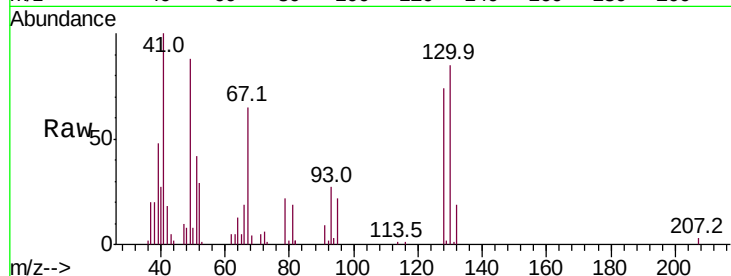
Ion Ratio Lower Upper

41 100

39 49.3 0.0 0.0#

67 88.3 0.0 0.0#

52 36.9 0.0 0.0#

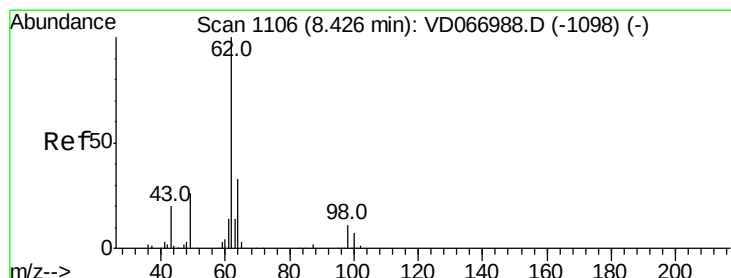
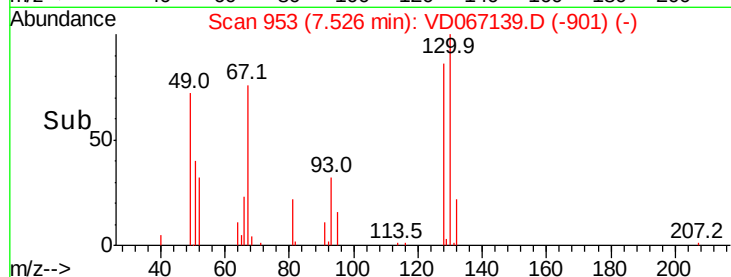
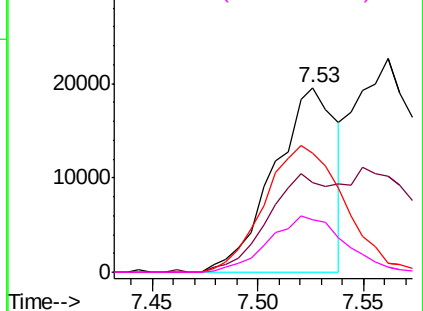


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 51.871 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067139.D

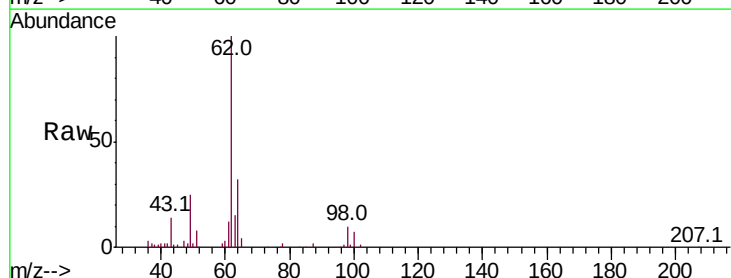
Acq: 07 Oct 2020 06:53

Tgt Ion: 62 Resp: 193779

Ion Ratio Lower Upper

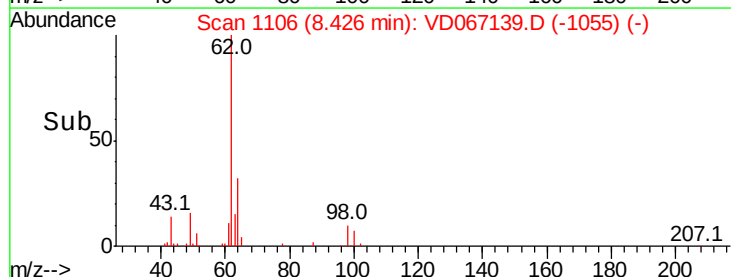
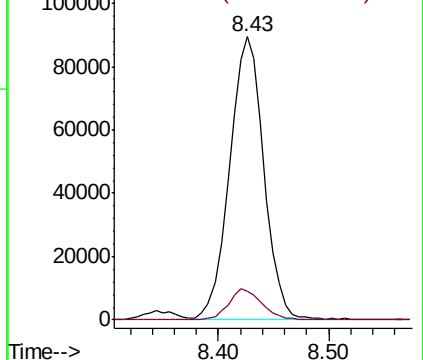
62 100

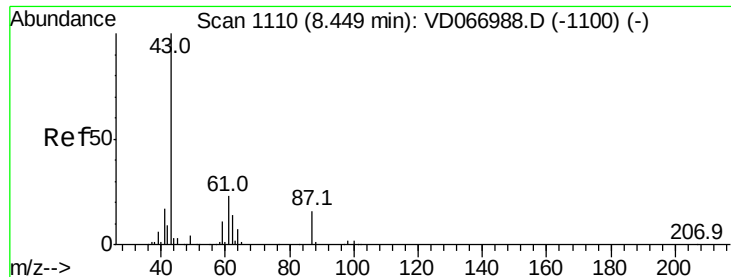
98 10.7 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 45.822 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

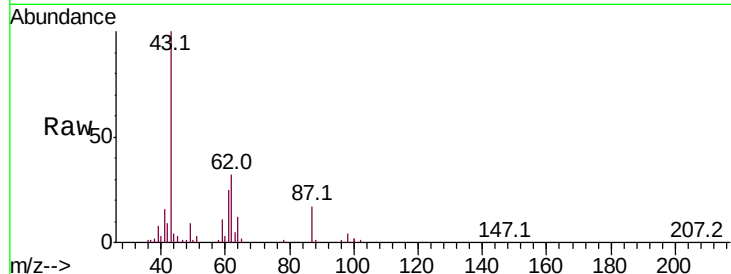
Tot Ion: 43 Resp: 140758

Ion Ratio Lower Upper

43 100

61 34.8 27.1 40.7

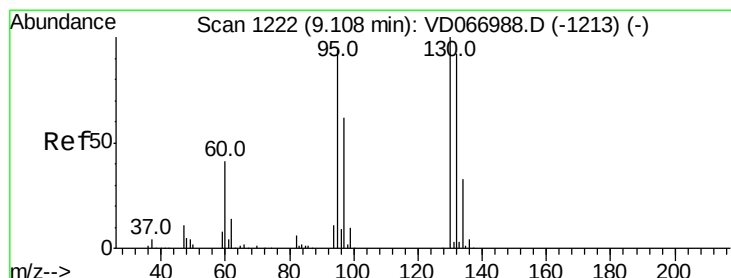
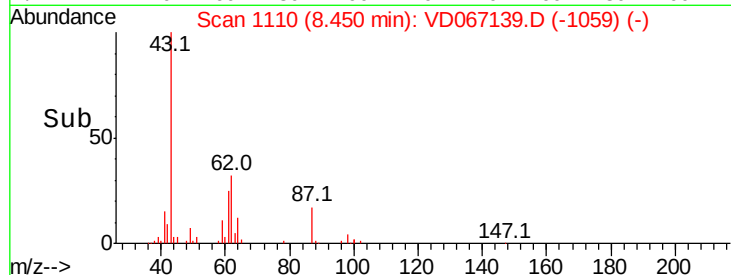
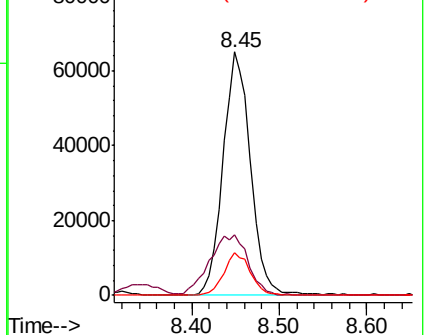
87 16.8 12.3 18.5



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: 49.452 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD067139.D

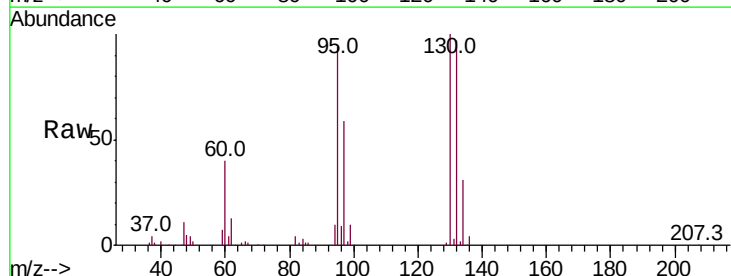
Acq: 07 Oct 2020 06:53

Tgt Ion:130 Resp: 197421

Ion Ratio Lower Upper

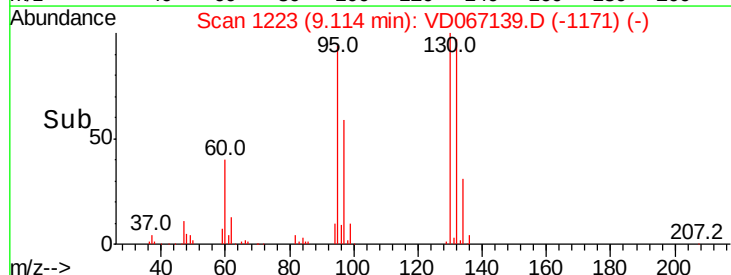
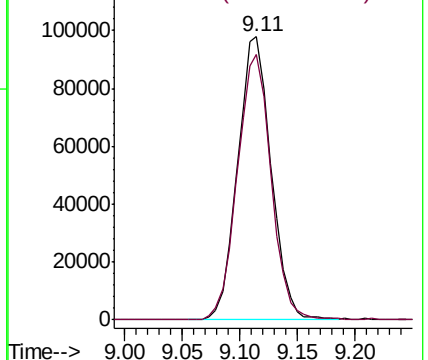
130 100

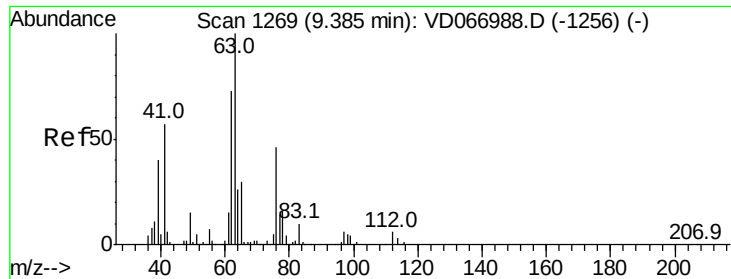
95 93.8 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 48.637 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

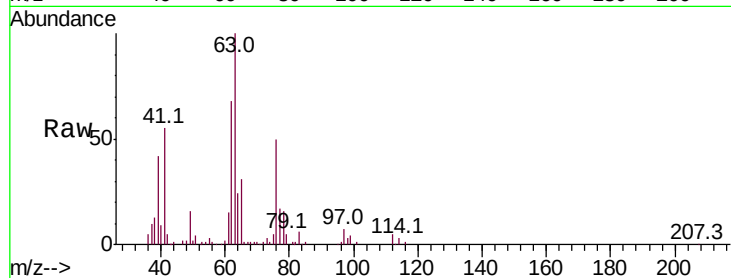
VSTDCCC050EC

Tot Ion: 63 Resp: 152782

Ion Ratio Lower Upper

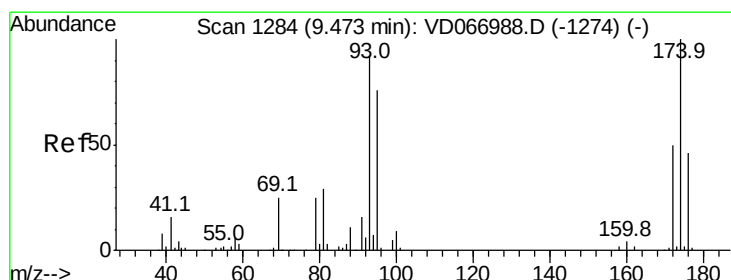
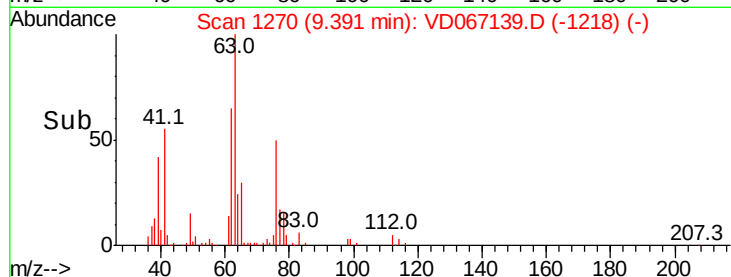
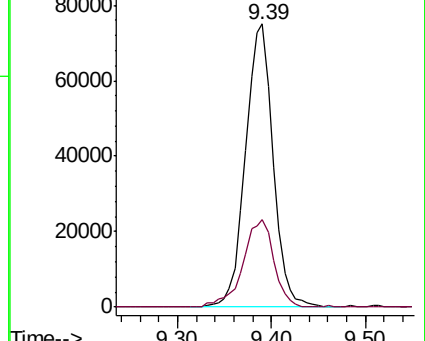
63 100

65 30.7 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 51.704 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.01 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

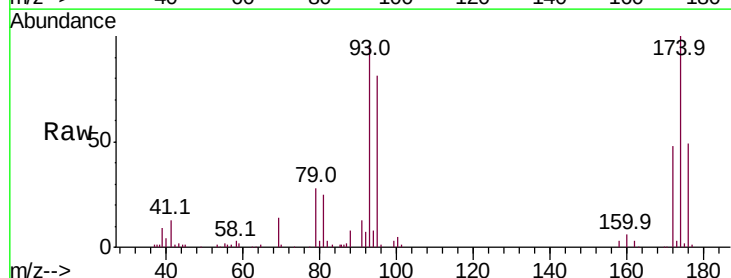
Tgt Ion: 93 Resp: 93349

Ion Ratio Lower Upper

93 100

95 81.4 64.7 97.1

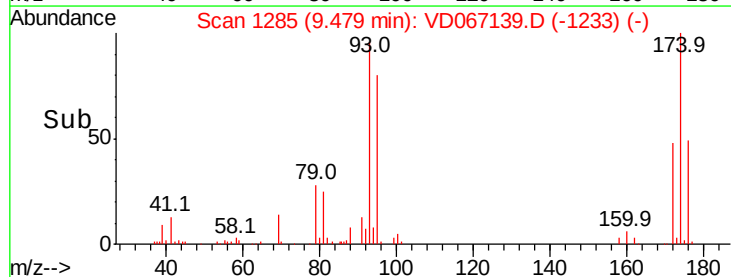
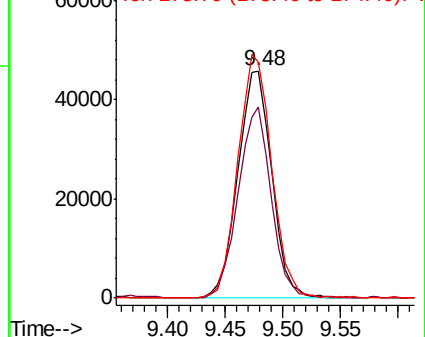
174 106.7 81.4 122.2

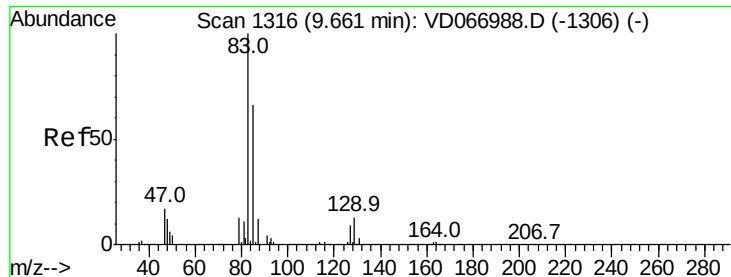


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.708 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

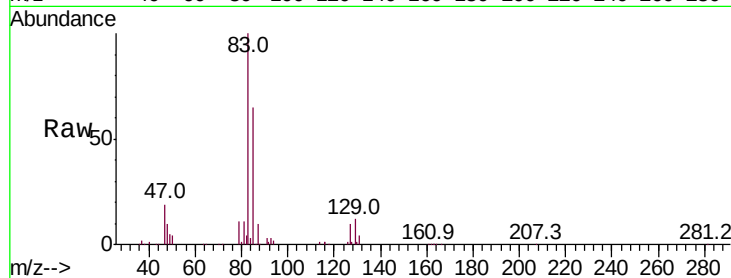
Tot Ion: 83 Resp: 247367

Ion Ratio Lower Upper

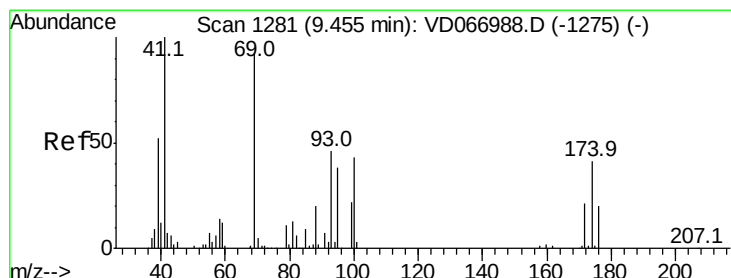
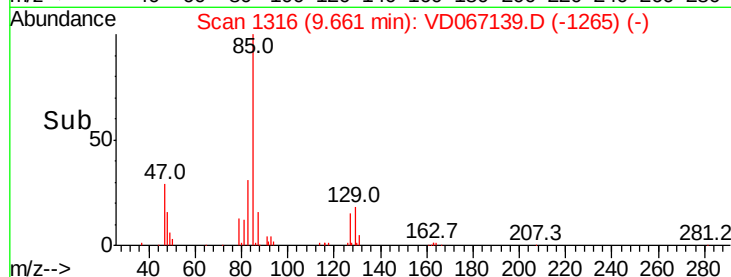
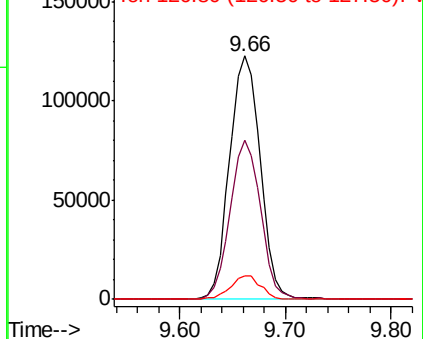
83 100

85 65.3 52.9 79.3

127 9.8 7.3 10.9



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: 43.221 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

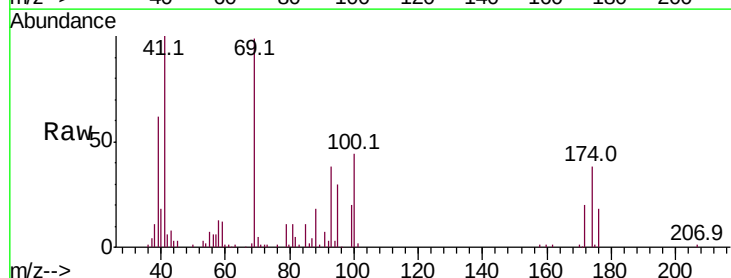
Tgt Ion: 41 Resp: 68018

Ion Ratio Lower Upper

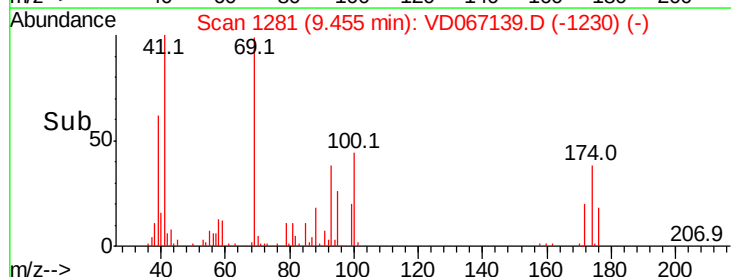
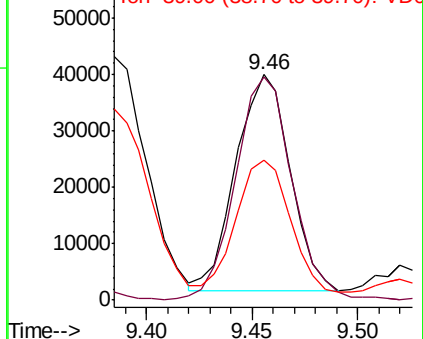
41 100

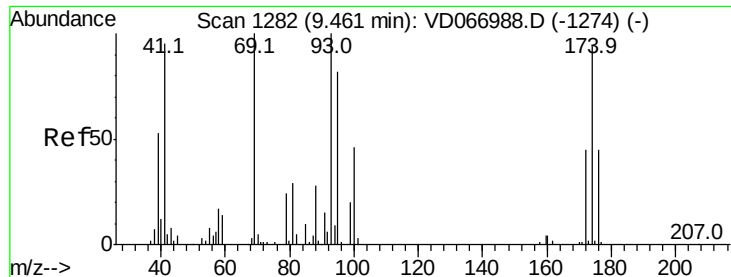
69 108.3 68.5 102.7#

39 68.2 40.2 60.2#



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

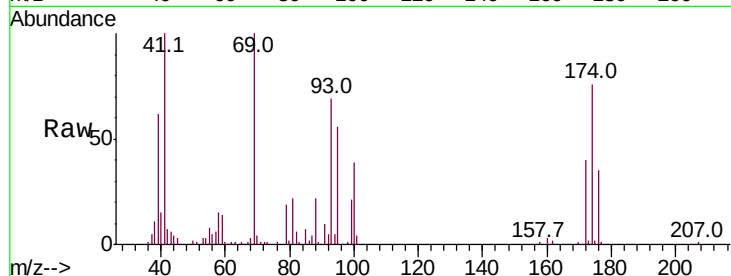




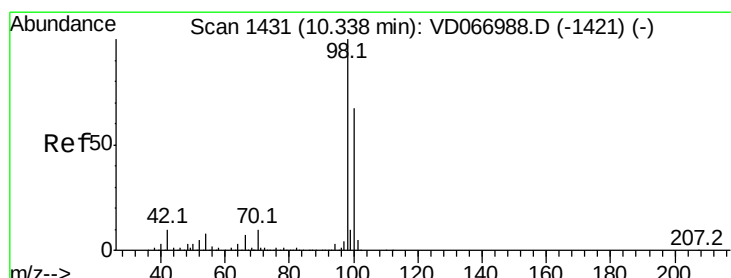
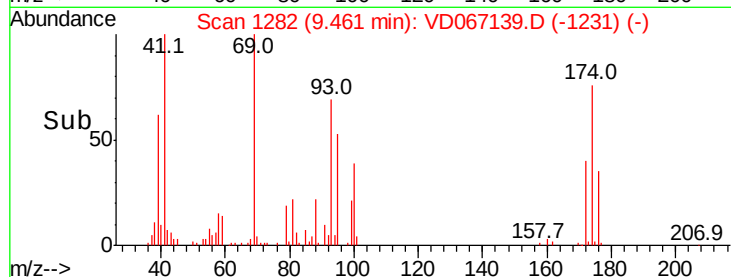
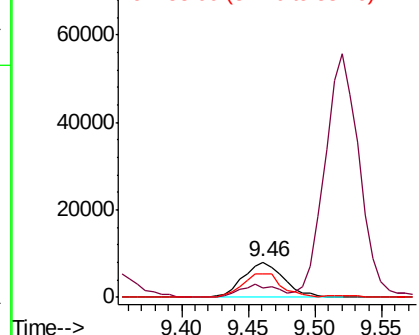
#49
1,4-Dioxane
Concen: 897.625 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 16914
Ion Ratio Lower Upper
88 100
43 34.3 25.6 38.4
58 64.9 53.5 80.3

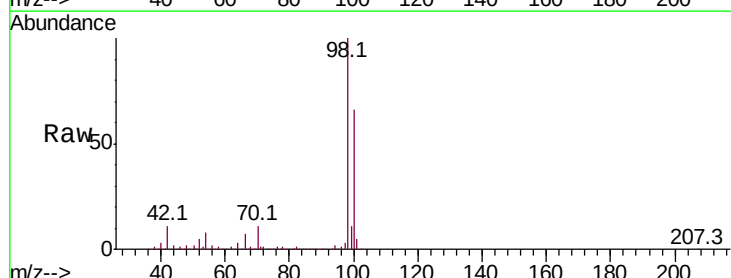


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

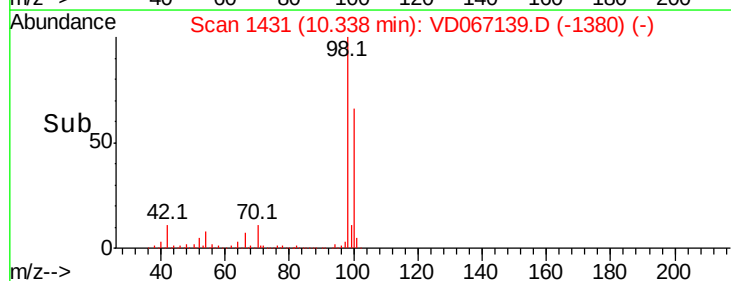
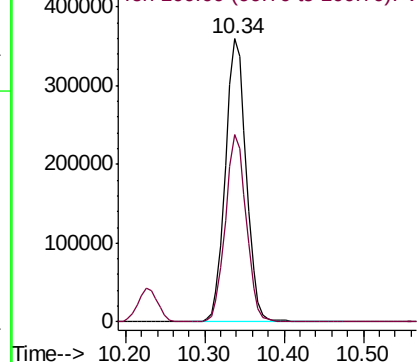


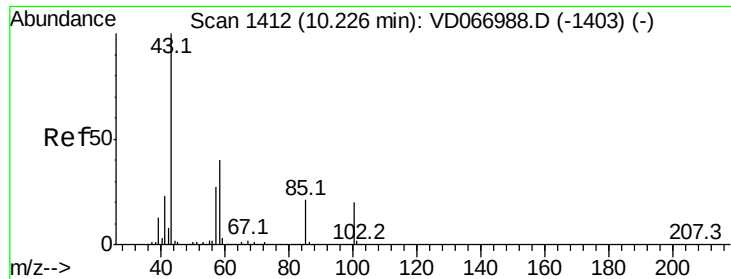
#50
Toluene-d8
Concen: 52.946 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

Tgt Ion: 98 Resp: 652239
Ion Ratio Lower Upper
98 100
100 66.2 52.8 79.2



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

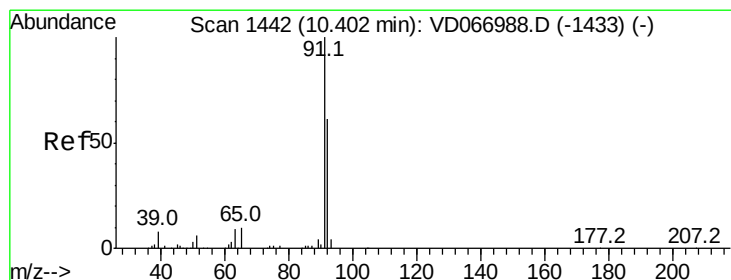
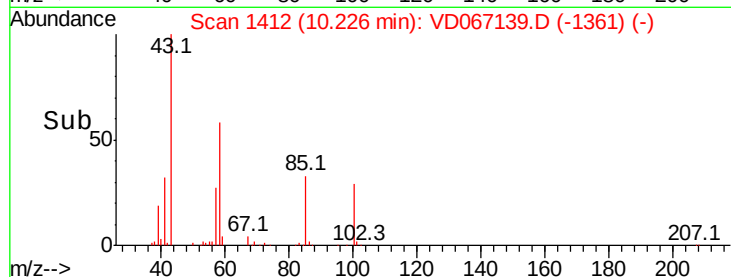
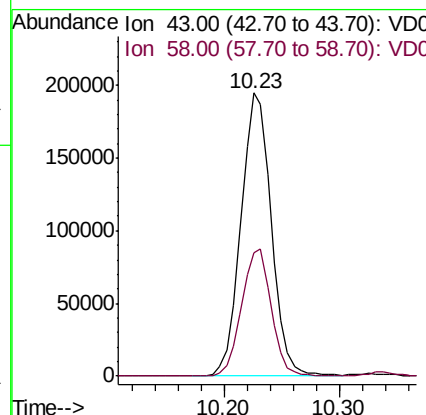
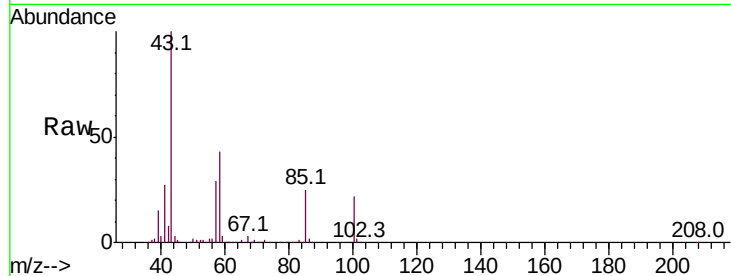




#51
4-Methyl-2-Pentanone
Concen: 231.491 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

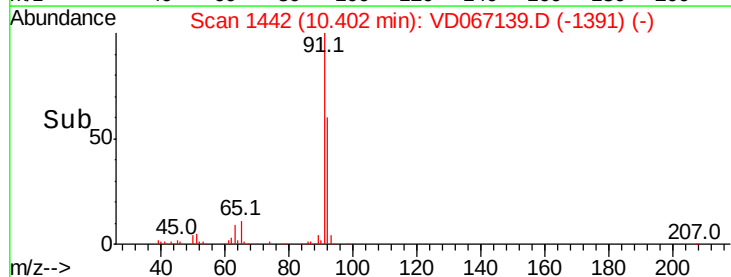
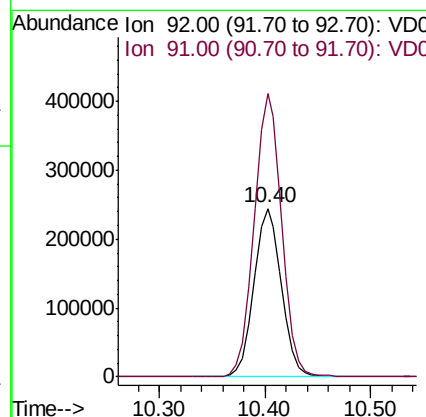
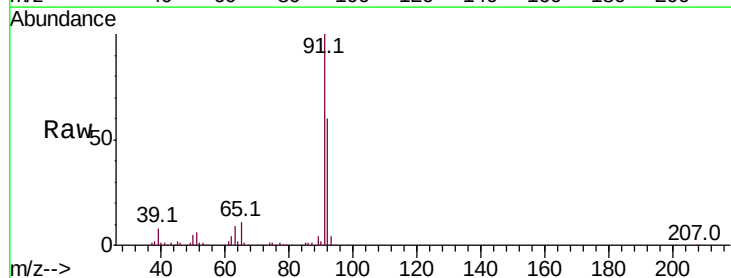
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

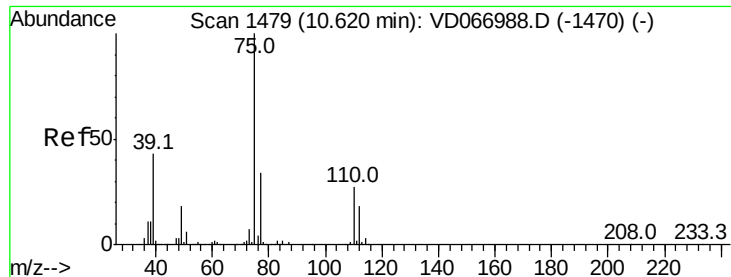
Tot Ion: 43 Resp: 354197
Ion Ratio Lower Upper
43 100
58 44.0 33.8 50.8



#52
Toluene
Concen: 51.373 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

Tgt Ion: 92 Resp: 442432
Ion Ratio Lower Upper
92 100
91 169.1 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 49.855 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

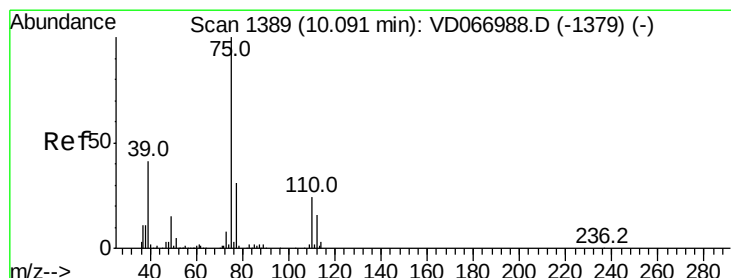
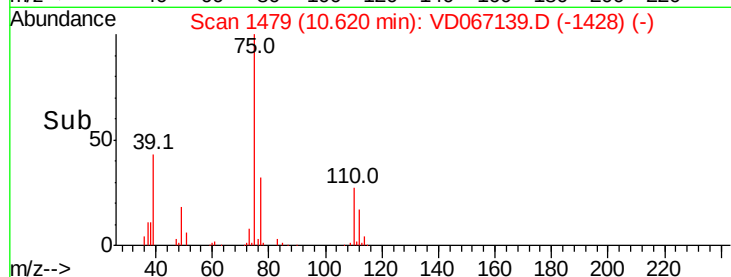
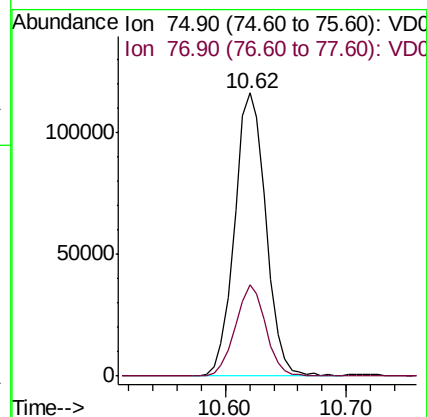
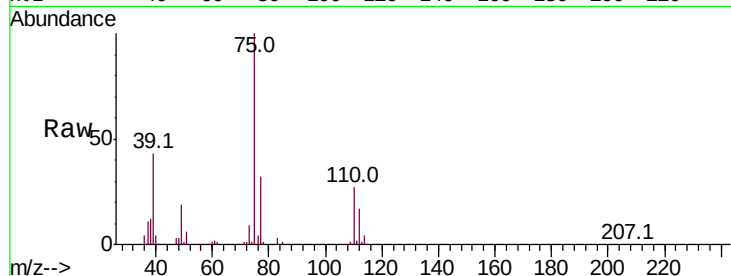
VSTDCCC050EC

Tot Ion: 75 Resp: 209111

Ion Ratio Lower Upper

75 100

77 32.4 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 48.421 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

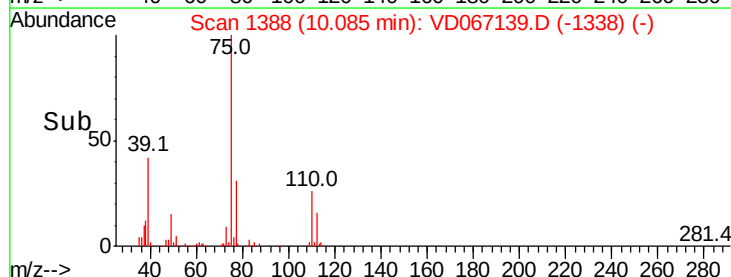
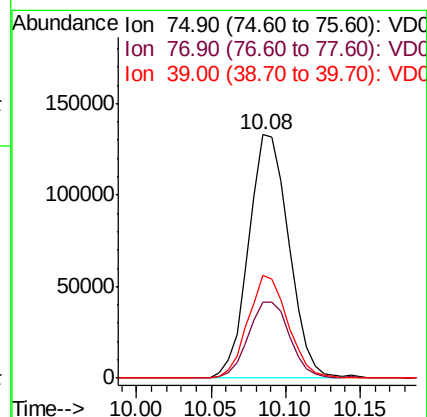
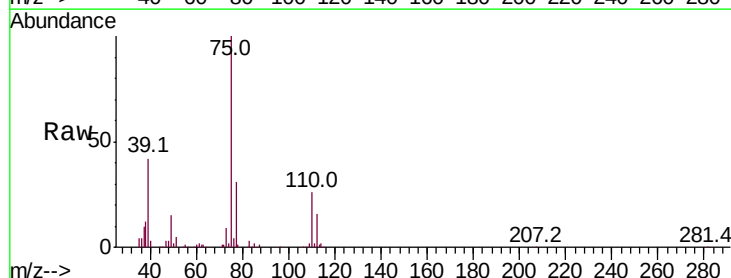
Tgt Ion: 75 Resp: 248007

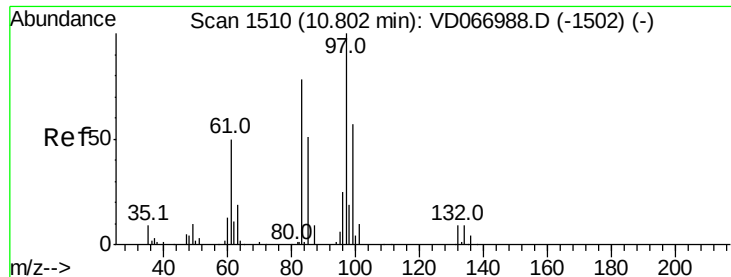
Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0

39 42.2 33.0 49.4

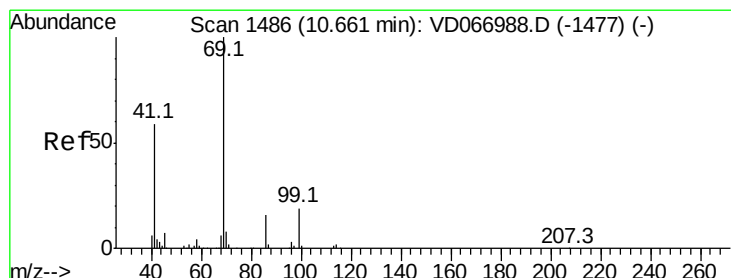
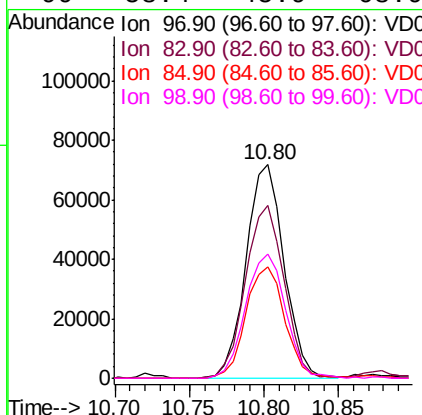
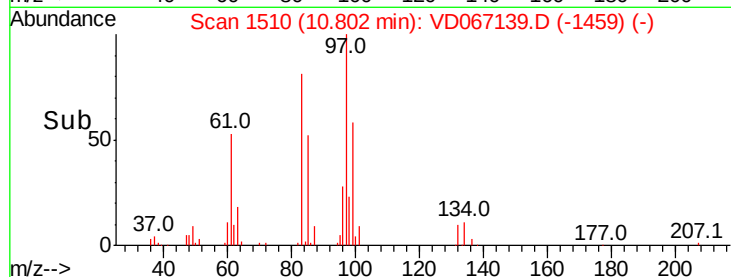
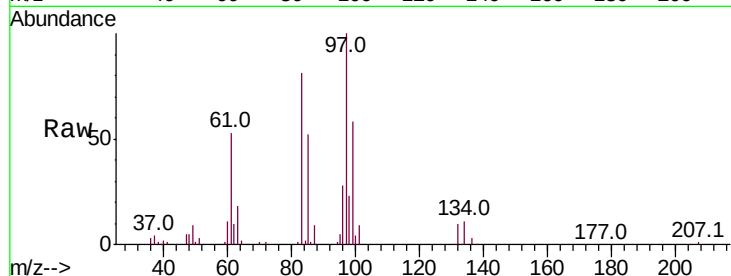




#55
 1,1,2-Trichloroethane
 Concen: 50.345 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

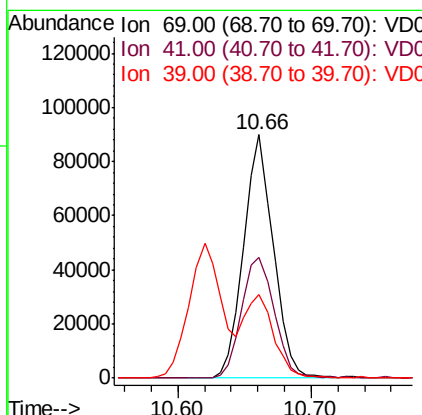
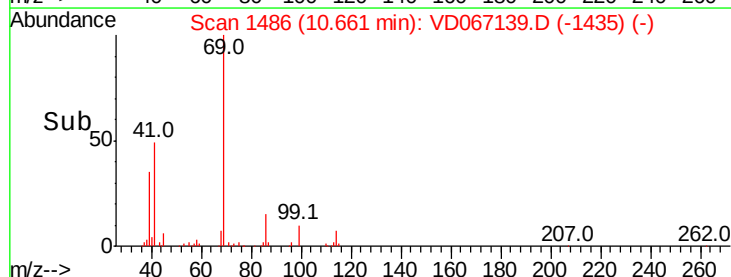
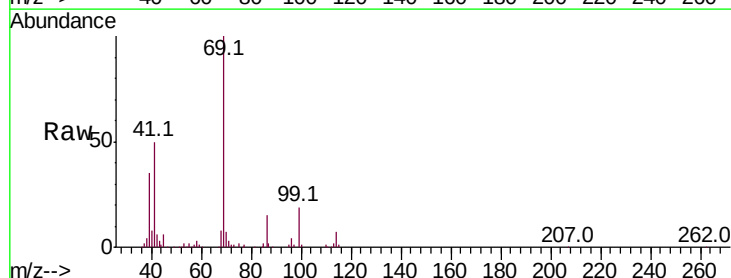
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

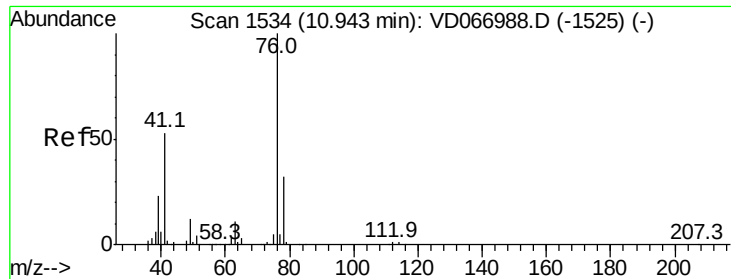
Tot Ion:	97	Resp:	126371
Ion	Ratio	Lower	Upper
97	100		
83	80.8	62.4	93.6
85	52.3	41.0	61.4
99	58.4	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 53.405 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

Tgt Ion:	69	Resp:	138400
Ion	Ratio	Lower	Upper
69	100		
41	55.0	46.4	69.6
39	33.5	23.8	35.6





#57

1,3-Dichloropropane

Concen: 50.712 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

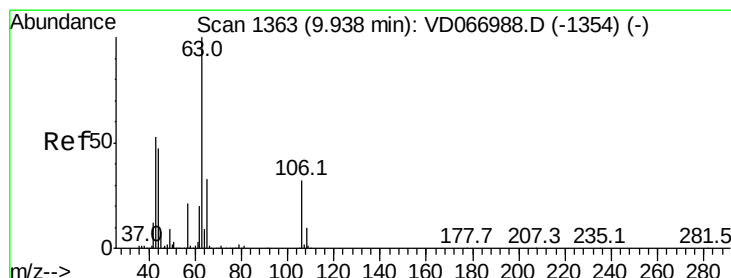
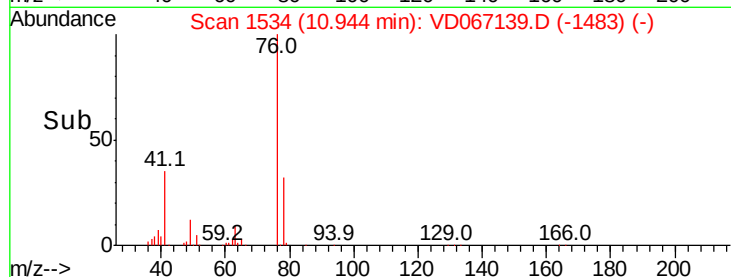
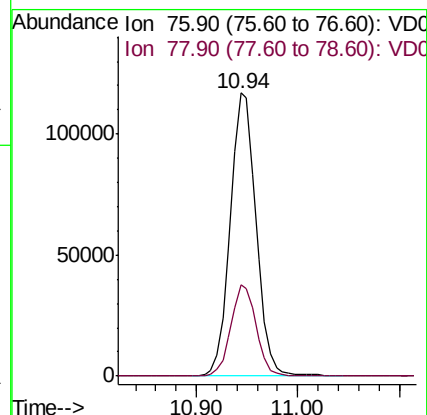
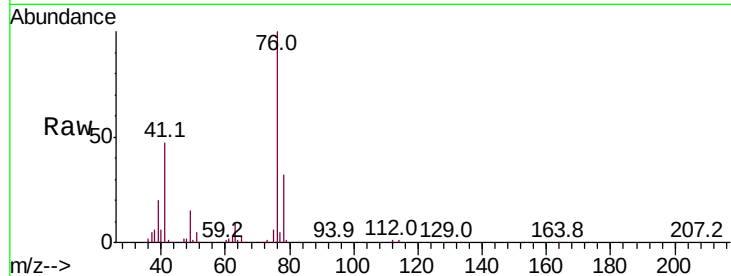
VSTDCCC050EC

Tot Ion: 76 Resp: 206419

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 258.035 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VD067139.D

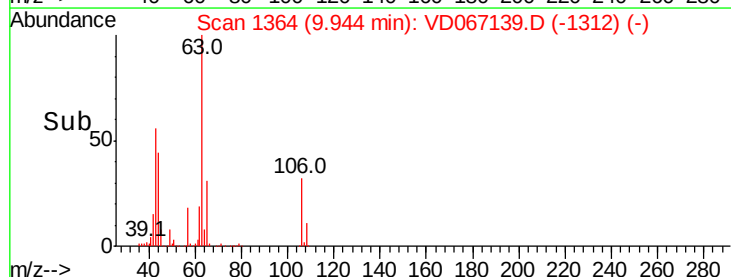
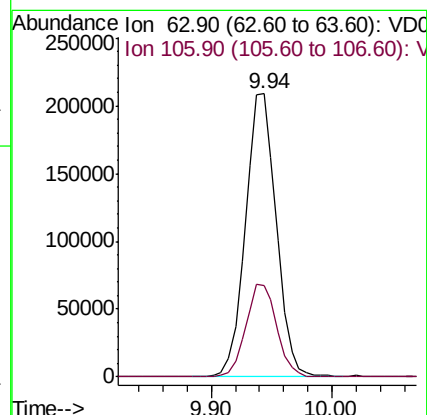
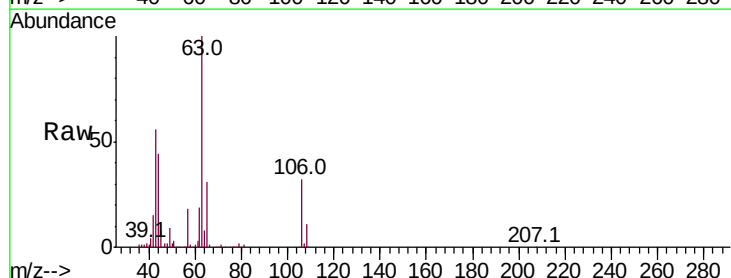
Acq: 07 Oct 2020 06:53

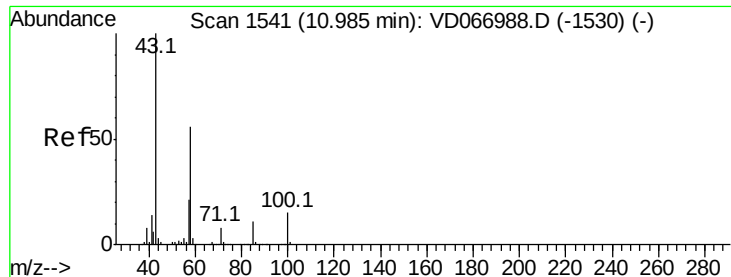
Tgt Ion: 63 Resp: 372191

Ion Ratio Lower Upper

63 100

106 33.0 25.3 37.9

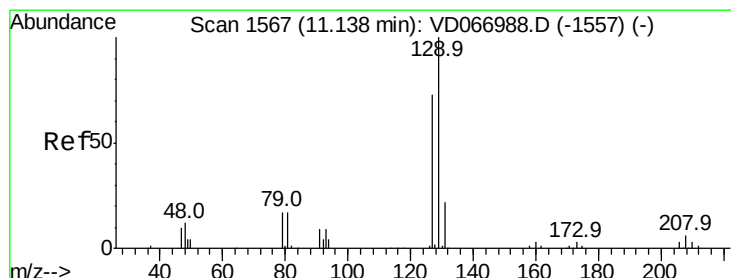
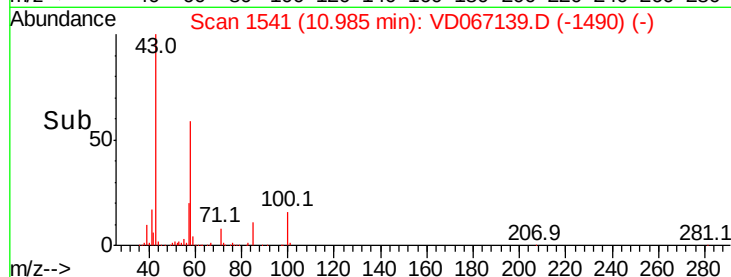
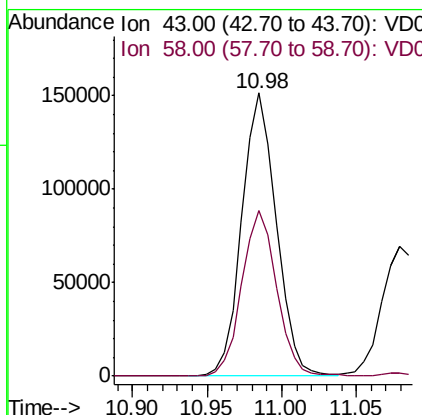
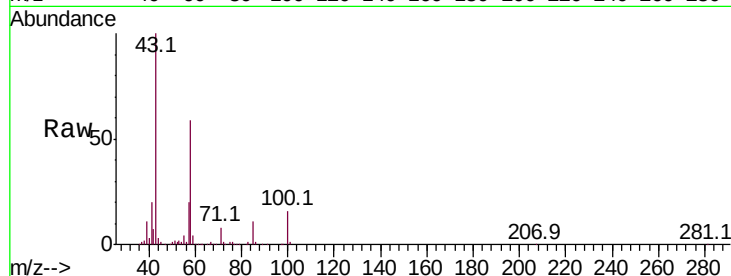




#59
2-Hexanone
Concen: 238.200 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

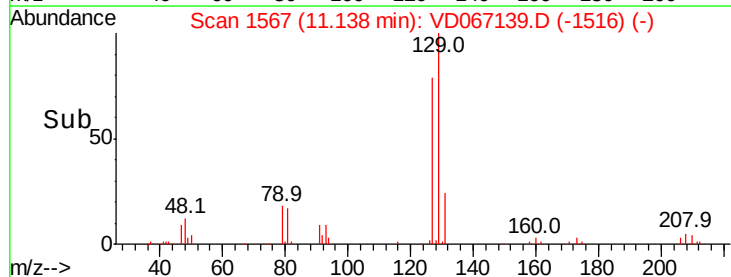
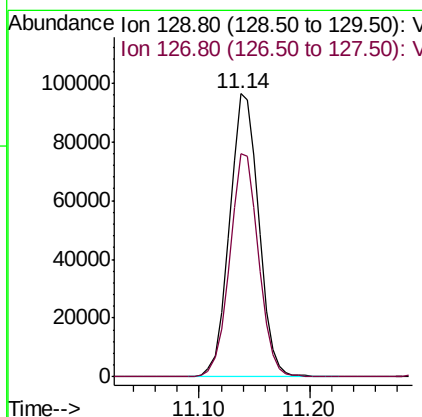
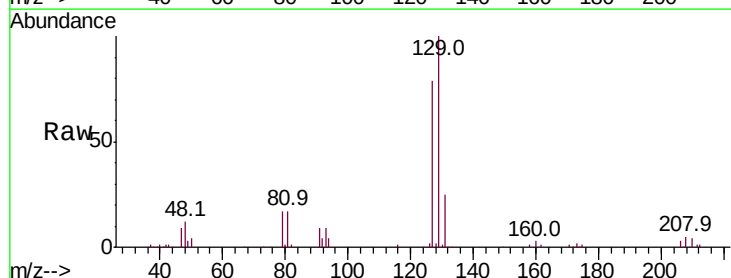
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

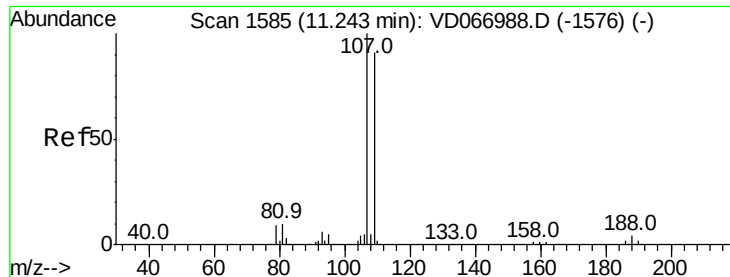
Tot Ion: 43 Resp: 243257
Ion Ratio Lower Upper
43 100
58 59.1 28.3 84.9



#60
Dibromochloromethane
Concen: 53.479 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

Tgt Ion:129 Resp: 178918
Ion Ratio Lower Upper
129 100
127 77.6 37.4 112.1

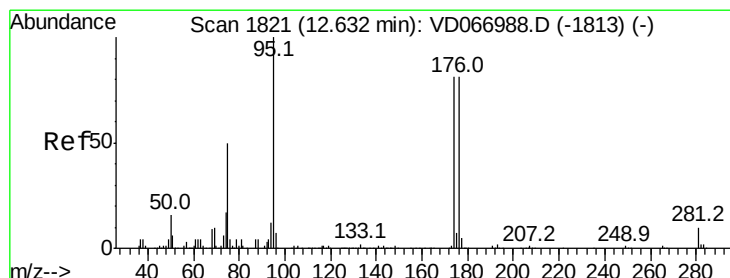
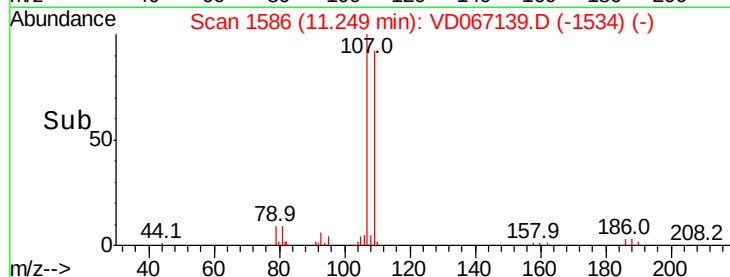
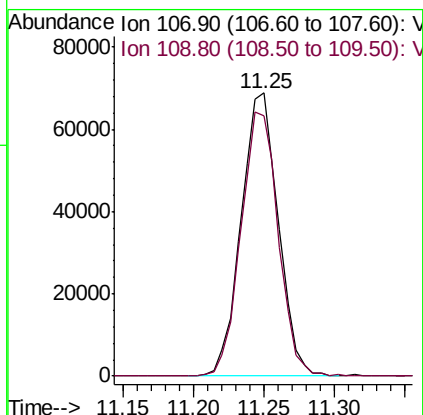
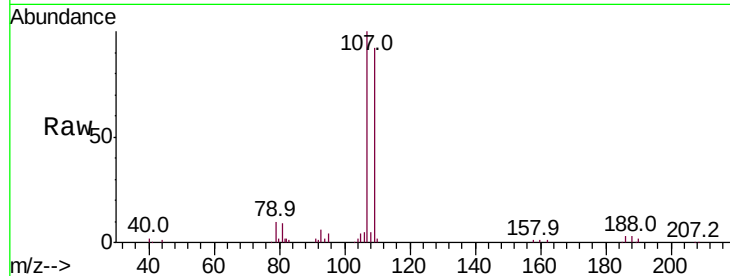




#61
 1,2-Dibromoethane
 Concen: 52.601 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

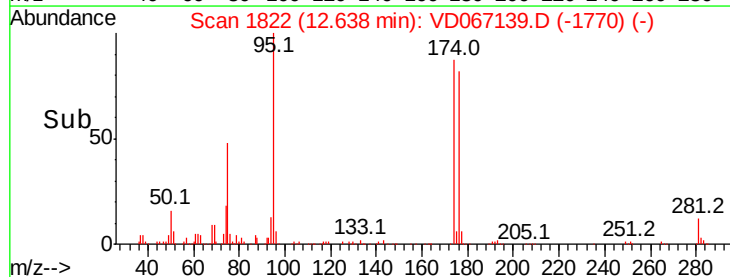
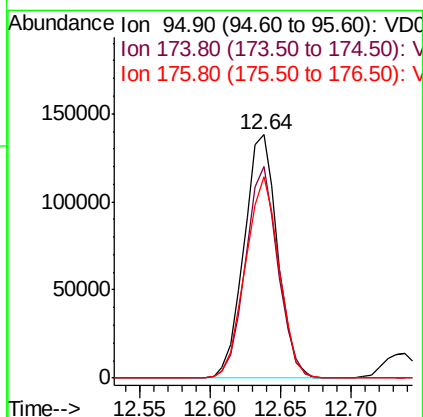
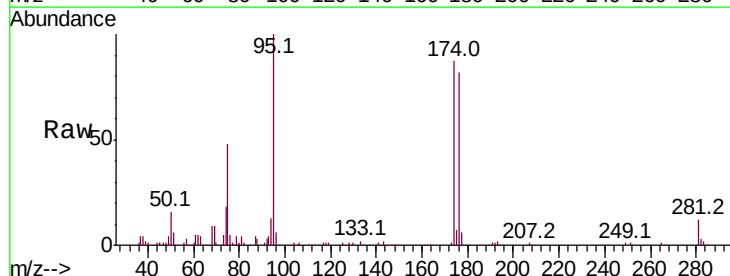
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

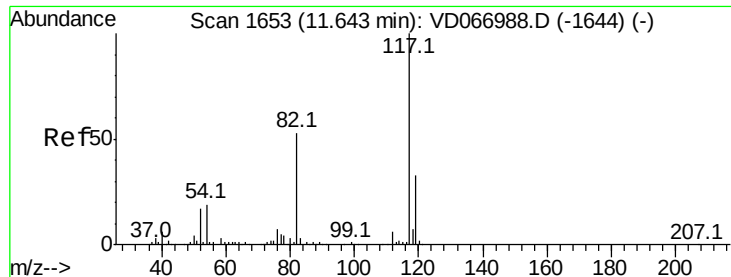
Tot Ion:107 Resp: 126849
 Ion Ratio Lower Upper
 107 100
 109 93.7 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 54.921 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

Tgt Ion: 95 Resp: 229676
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 167.6
 176 83.4 0.0 162.4

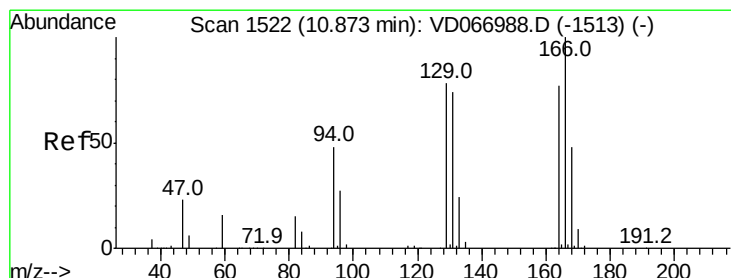
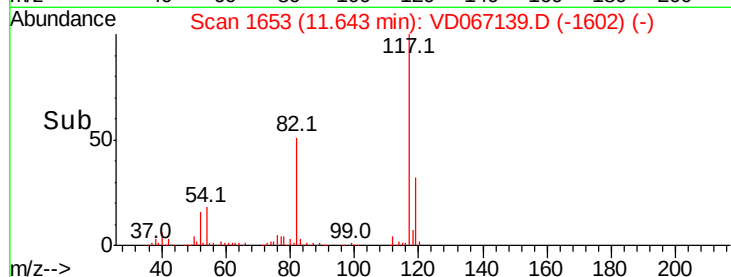
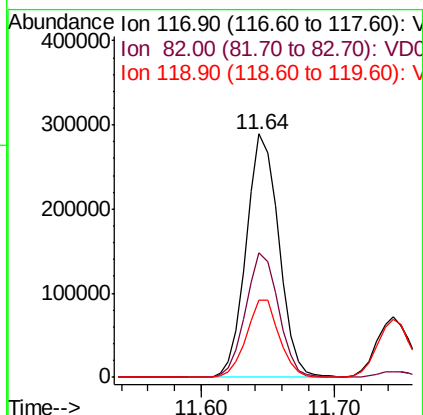
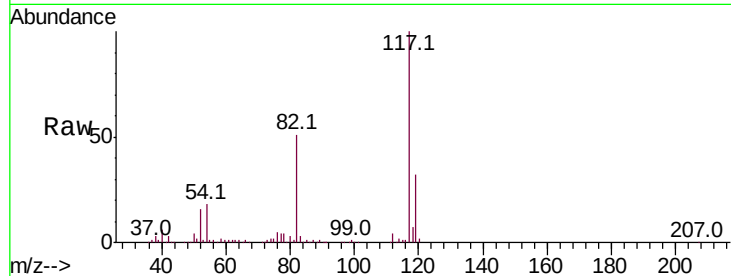




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

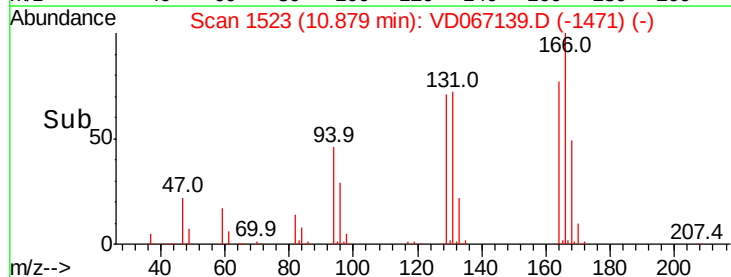
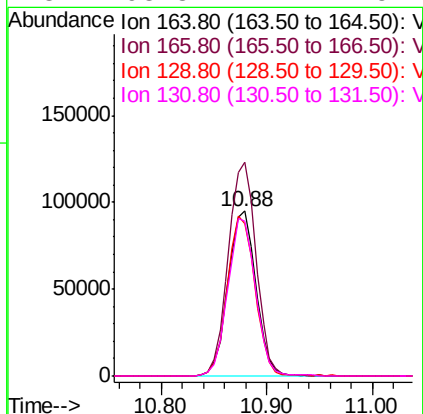
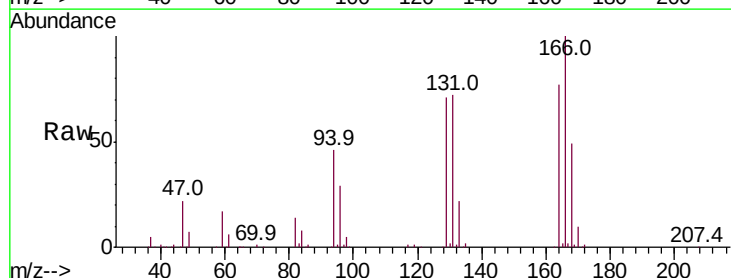
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

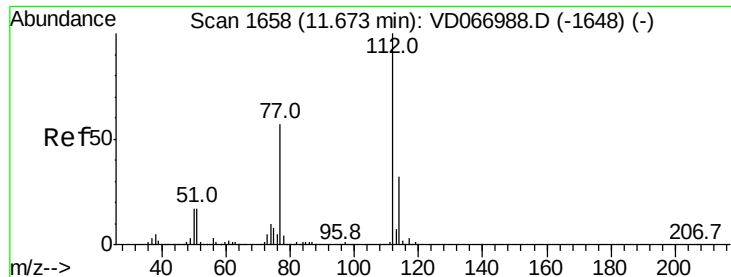
Tot Ion:117 Resp: 487384
Ion Ratio Lower Upper
117 100
82 51.2 42.6 63.8
119 31.9 26.3 39.5



#64
Tetrachloroethene
Concen: 48.753 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

Tgt Ion:164 Resp: 172747
Ion Ratio Lower Upper
164 100
166 129.4 104.4 156.6
129 92.2 81.3 121.9
131 93.8 77.1 115.7





#65

Chlorobenzene

Concen: 49.465 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

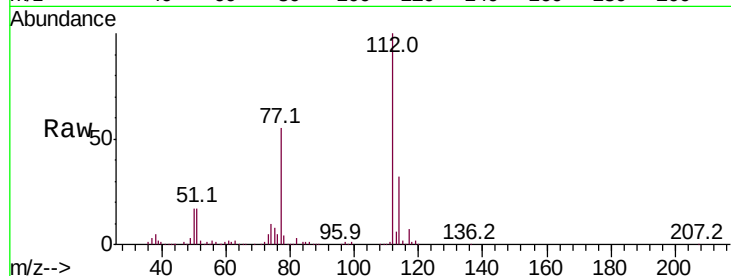
VSTDCCC050EC

Tot Ion:112 Resp: 479486

Ion Ratio Lower Upper

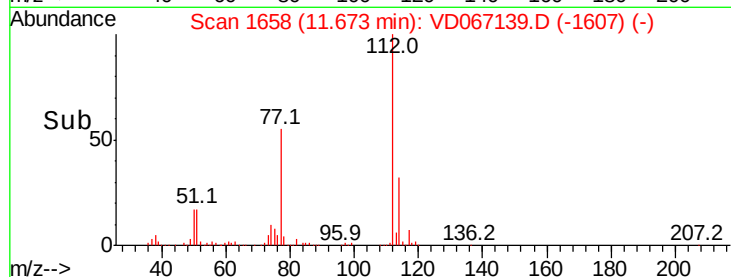
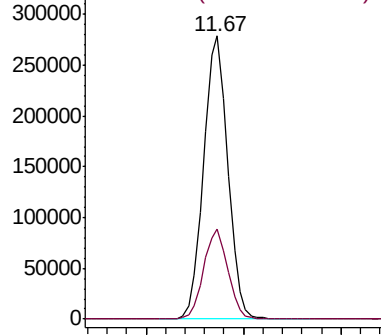
112 100

114 31.9 25.4 38.0

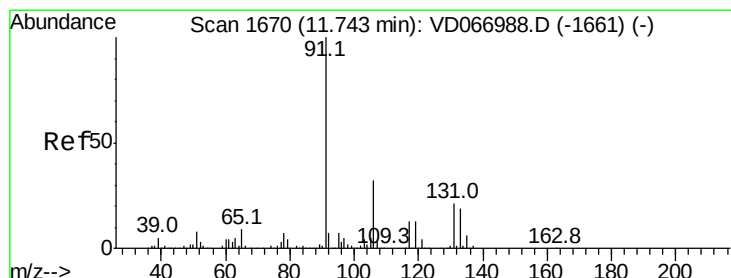


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.984 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

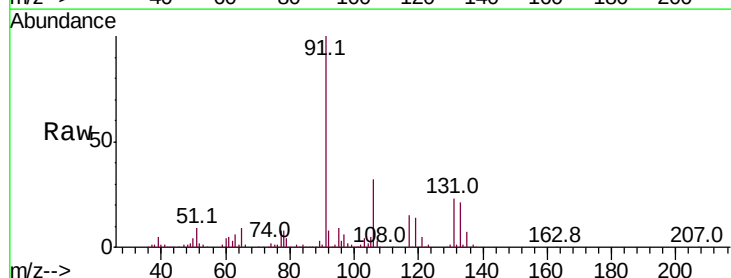
Tgt Ion:131 Resp: 191679

Ion Ratio Lower Upper

131 100

133 96.3 47.8 143.3

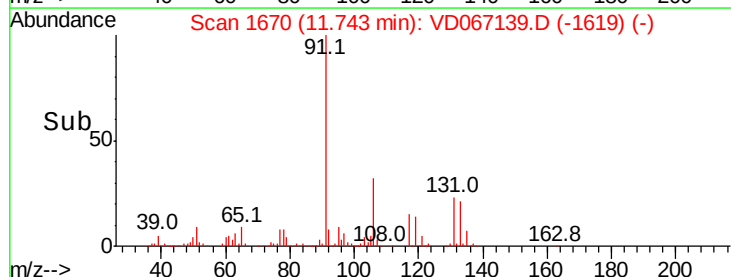
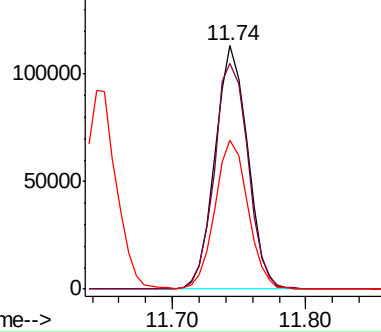
119 61.7 32.3 96.8



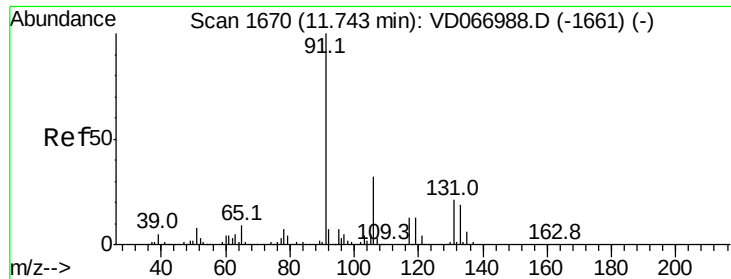
Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



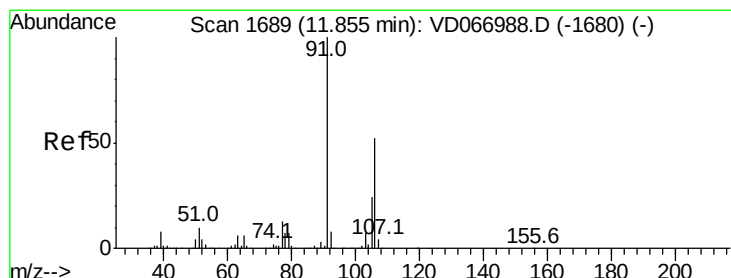
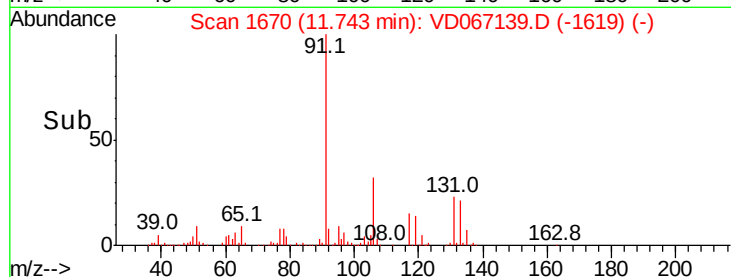
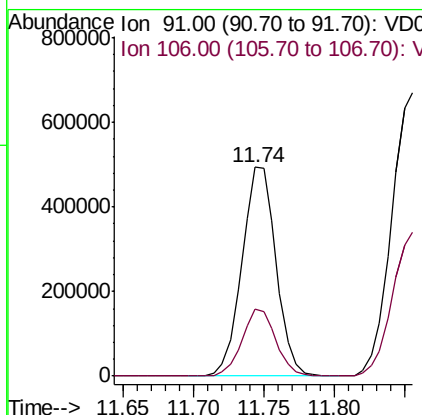
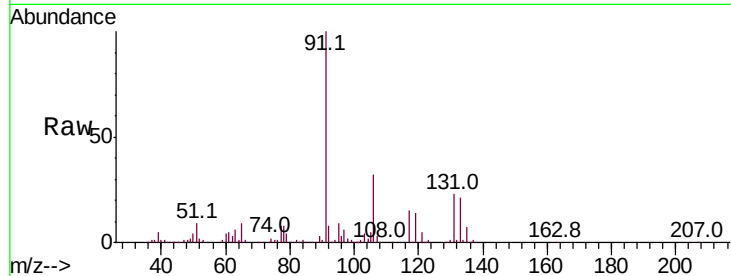
Time-->



#67
Ethyl Benzene
Concen: 50.445 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

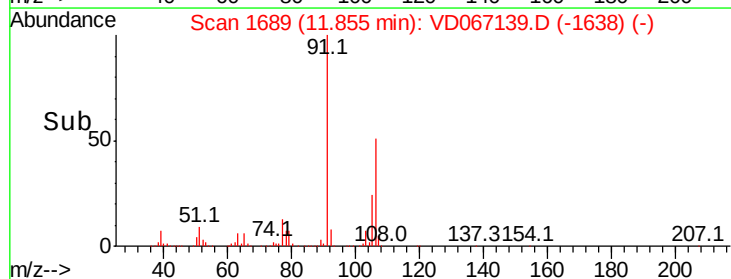
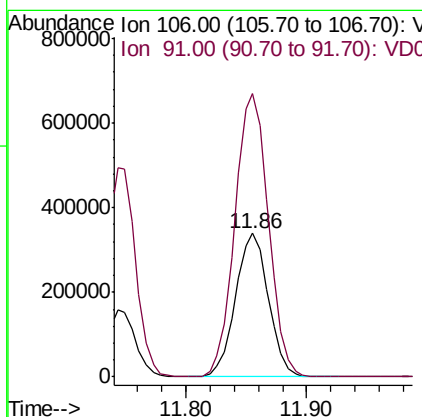
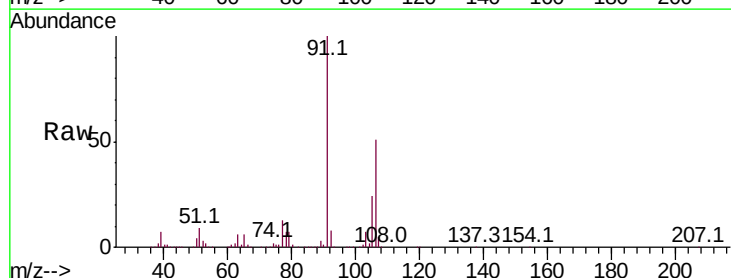
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

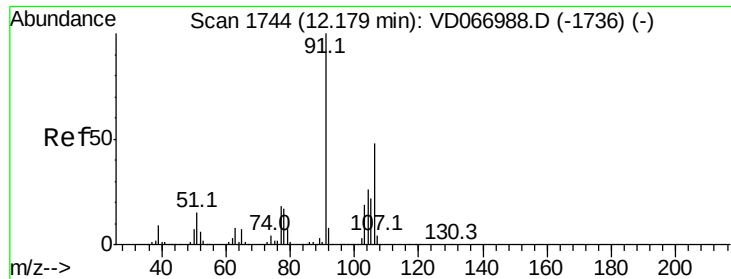
Tot Ion: 91 Resp: 837828
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.2



#68
m/p-Xylenes
Concen: 99.698 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

Tgt Ion: 106 Resp: 645311
Ion Ratio Lower Upper
106 100
91 201.3 158.4 237.6

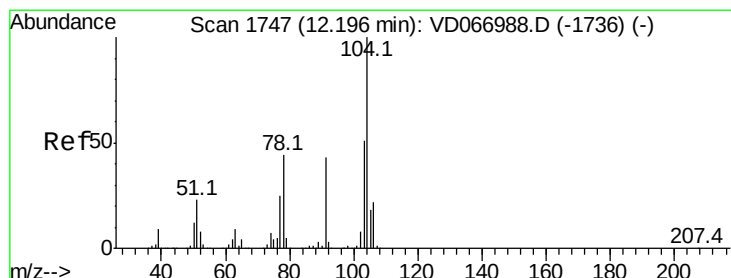
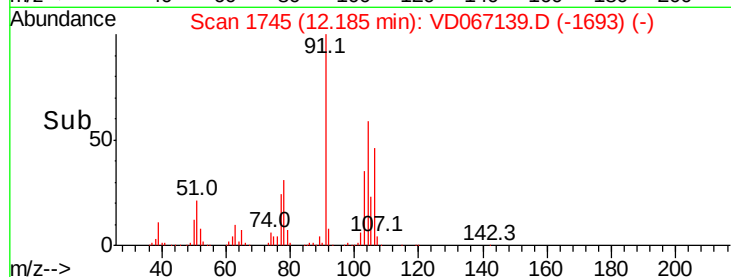
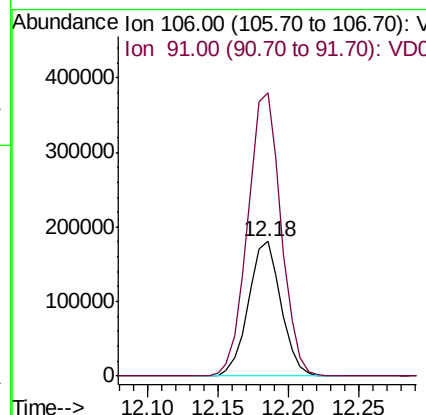
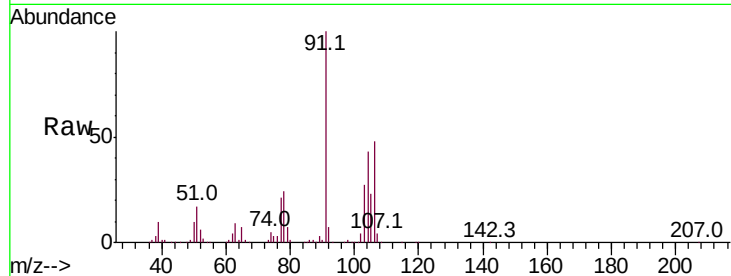




#69
o-Xylene
Concen: 50.580 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

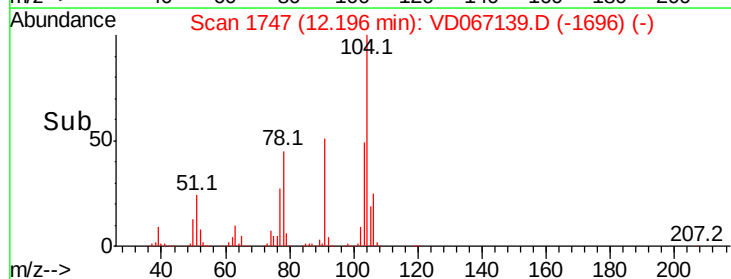
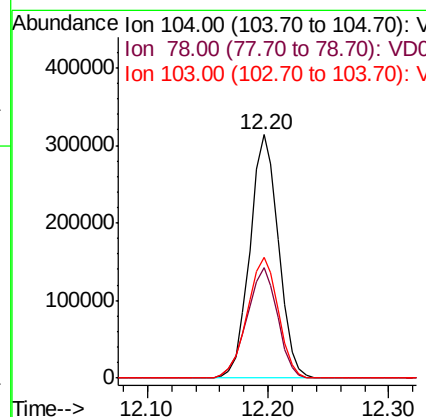
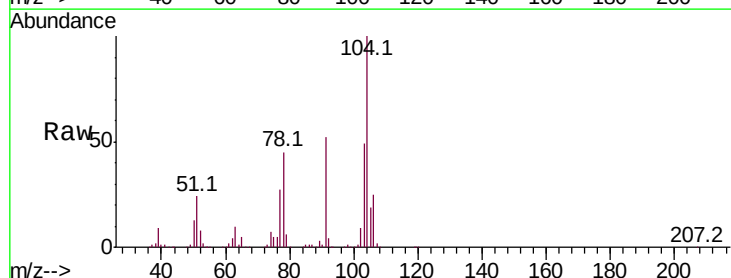
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

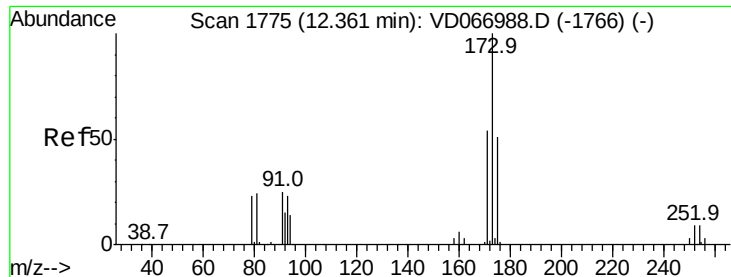
Tot Ion:106 Resp: 292765
Ion Ratio Lower Upper
106 100
91 215.0 102.4 307.2



#70
Styrene
Concen: 52.313 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

Tgt Ion:104 Resp: 519947
Ion Ratio Lower Upper
104 100
78 48.7 38.6 58.0
103 53.9 43.4 65.0





#71

Bromoform

Concen: 53.302 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

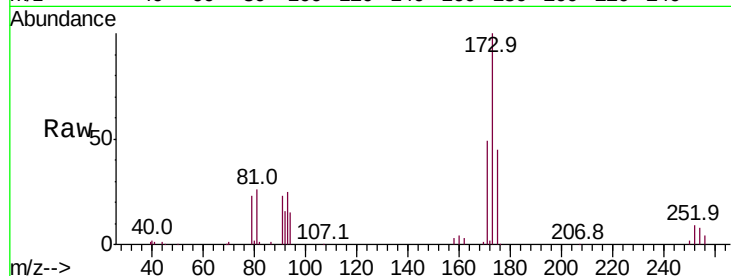
Tot Ion:173 Resp: 102019

Ion Ratio Lower Upper

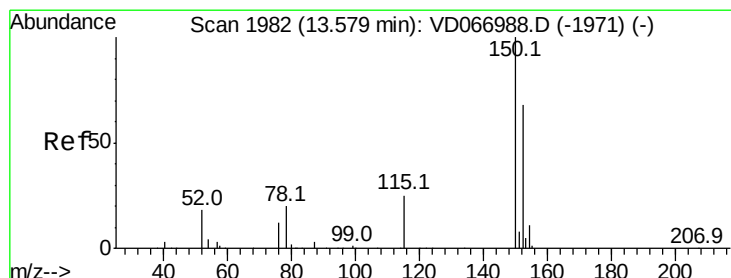
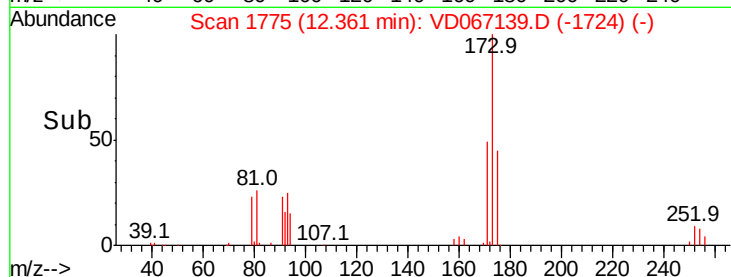
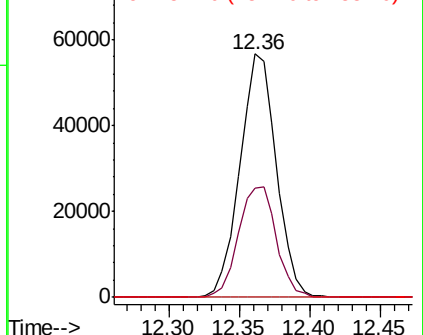
173 100

175 47.2 24.9 74.7

254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

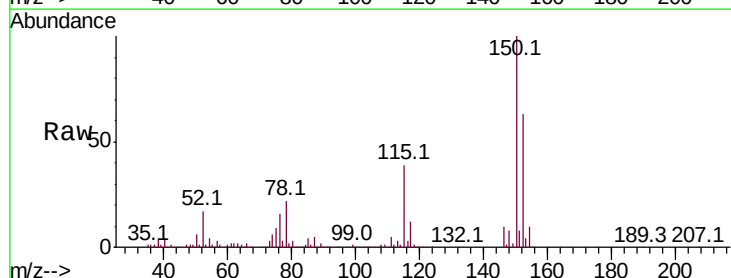
Tgt Ion:152 Resp: 237865

Ion Ratio Lower Upper

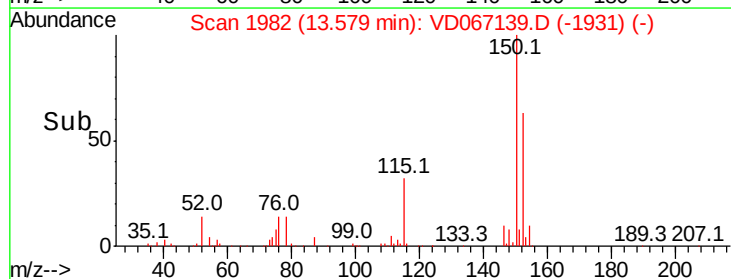
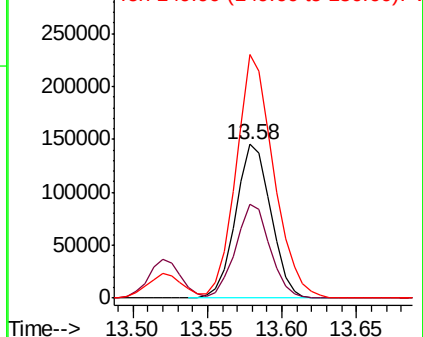
152 100

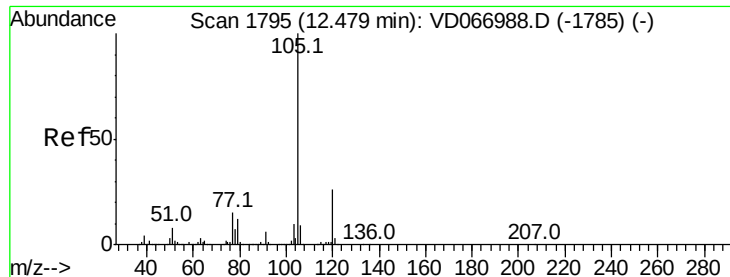
115 59.7 29.6 88.8

150 168.4 0.0 344.8



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: 49.729 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

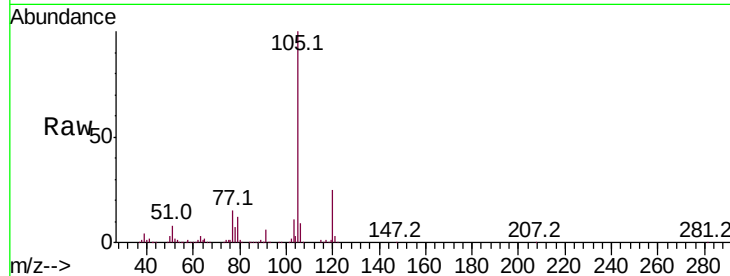
VSTDCCC050EC

Tot Ion:105 Resp: 803187

Ion Ratio Lower Upper

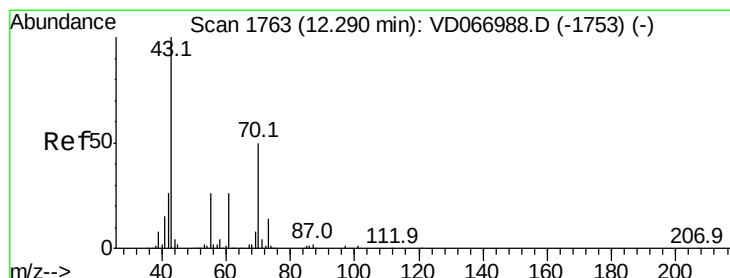
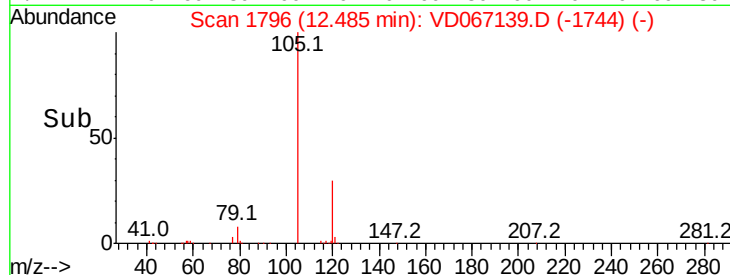
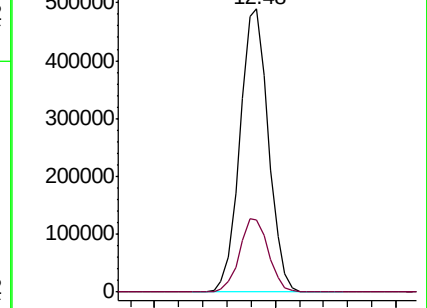
105 100

120 26.2 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.077 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Tgt Ion: 43 Resp: 125072

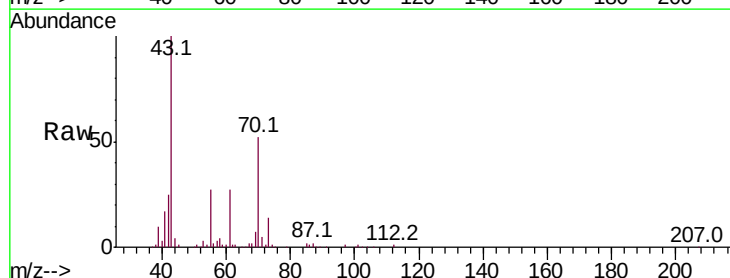
Ion Ratio Lower Upper

43 100

70 54.0 38.2 57.2

55 29.0 22.4 33.6

61 27.2 20.6 31.0

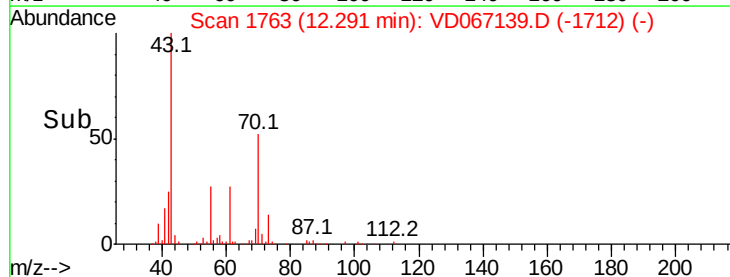
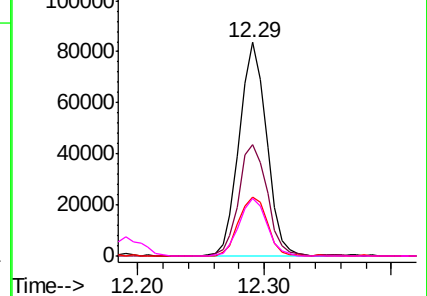


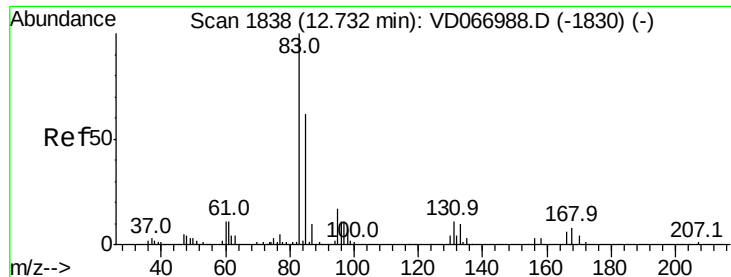
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 45.671 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

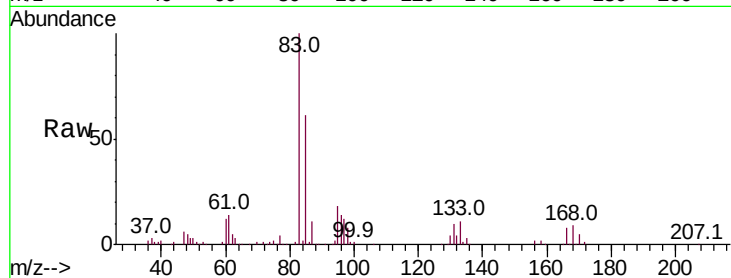
Tot Ion: 83 Resp: 124284

Ion	Ratio	Lower	Upper
83	100		
131	12.4	5.7	17.0
85	66.2	32.0	96.2

83 100

131 12.4 5.7 17.0

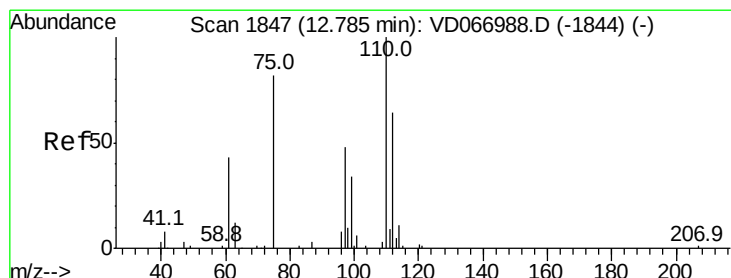
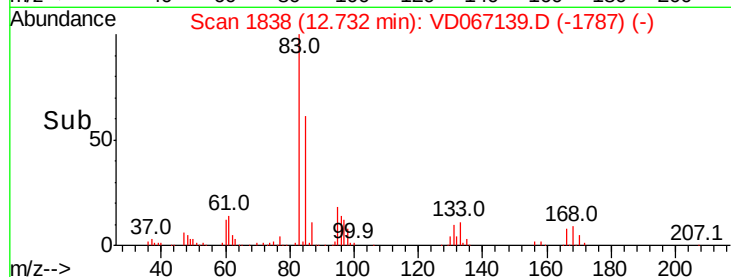
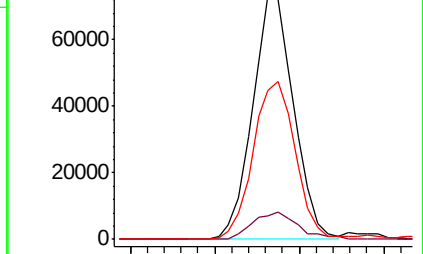
85 66.2 32.0 96.2



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: 79.478 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067139.D

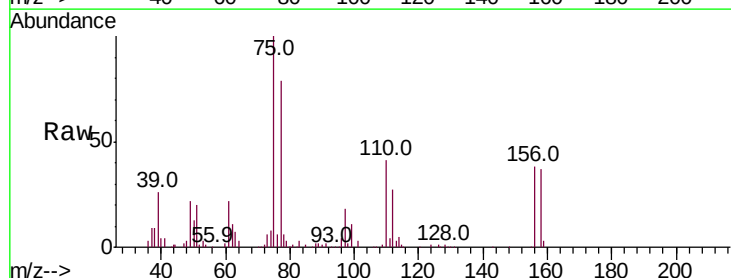
Acq: 07 Oct 2020 06:53

Tgt Ion: 75 Resp: 164669

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

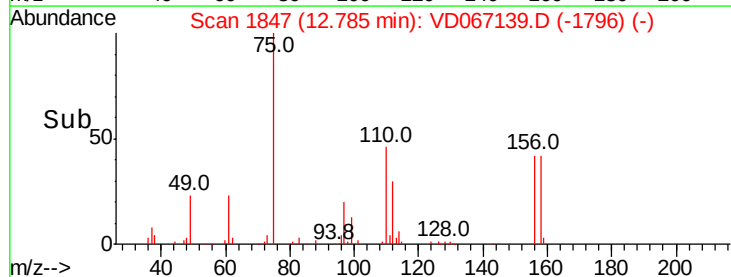
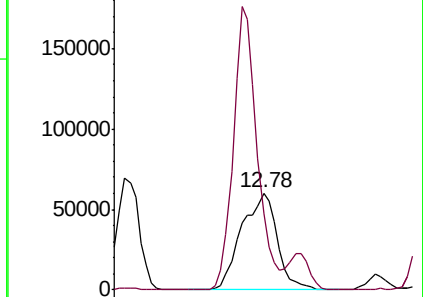
75 100

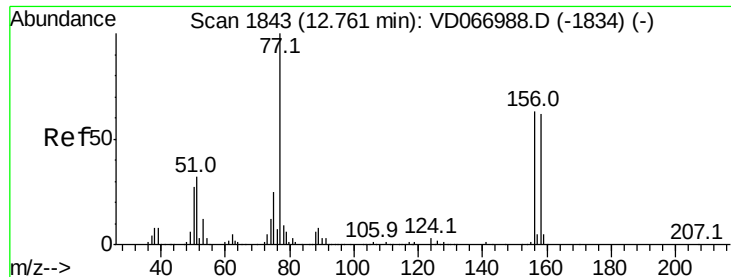
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

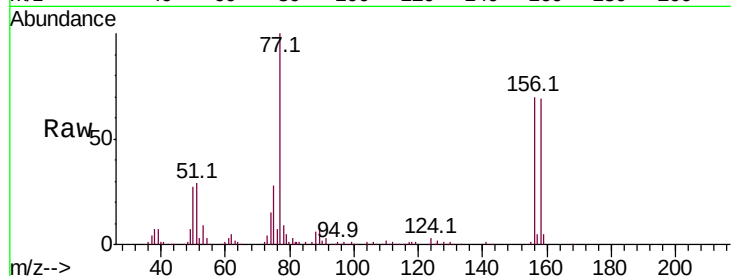




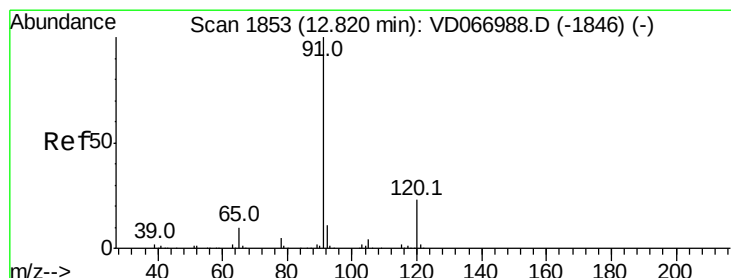
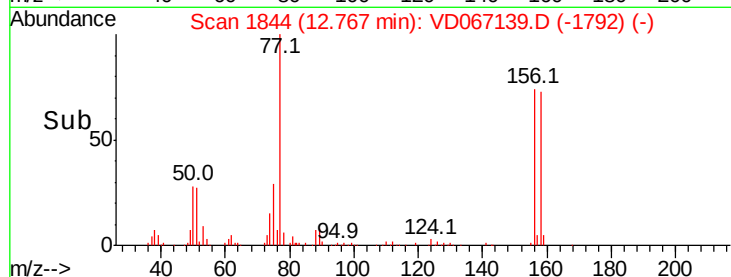
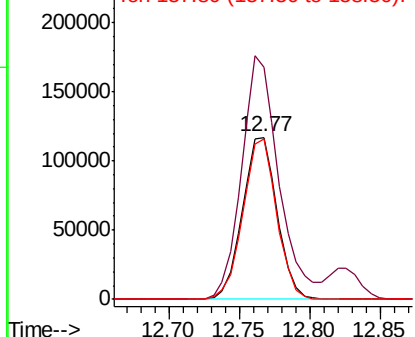
#77
Bromobenzene
Concen: 51.441 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.01 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:156 Resp: 200618
Ion Ratio Lower Upper
156 100
77 160.6 86.3 258.8
158 96.1 49.5 148.3

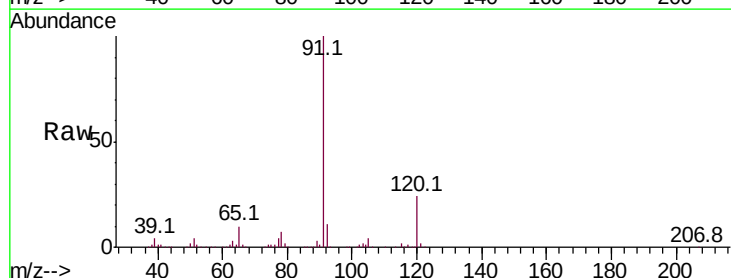


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

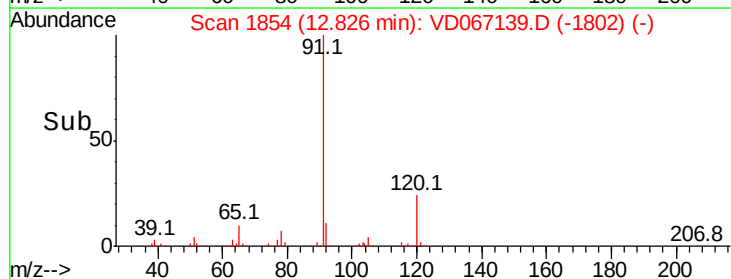
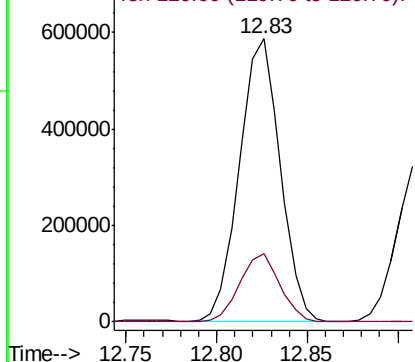


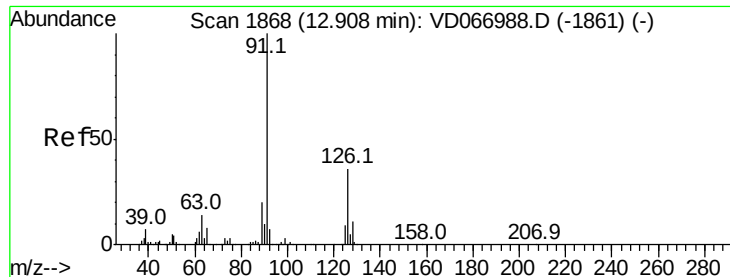
#78
n-propylbenzene
Concen: 48.104 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.01 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

Tgt Ion: 91 Resp: 918217
Ion Ratio Lower Upper
91 100
120 23.8 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.817 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

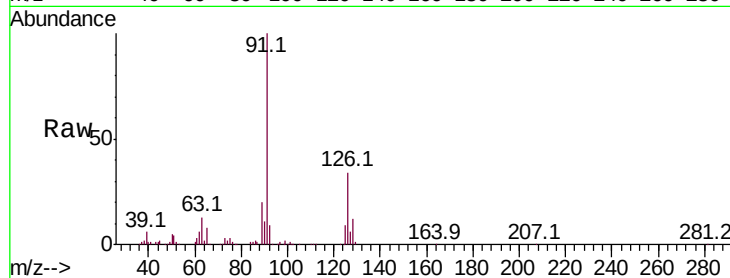
VSTDCCC050EC

Tot Ion: 91 Resp: 544059

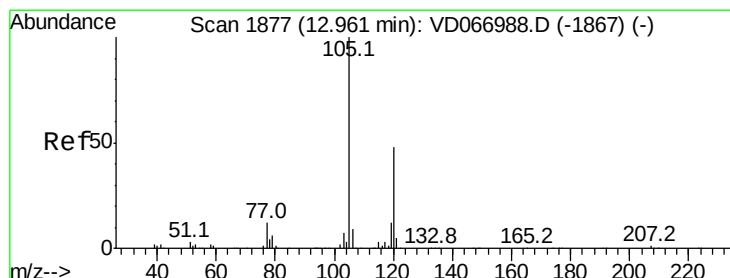
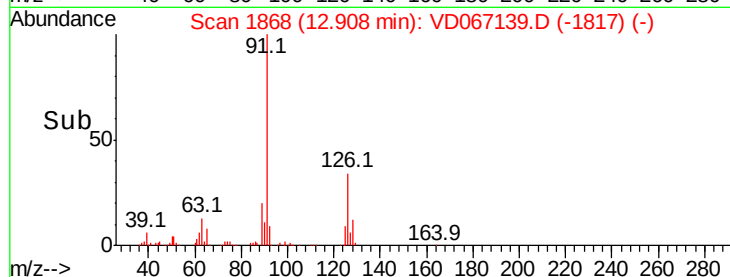
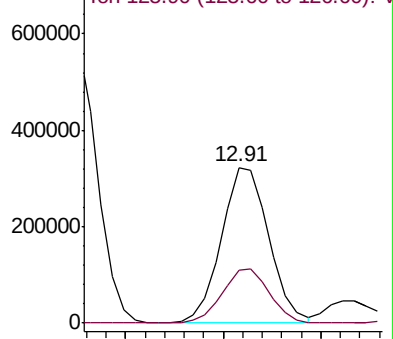
Ion Ratio Lower Upper

91 100

126 34.8 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066988.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.009 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD067139.D

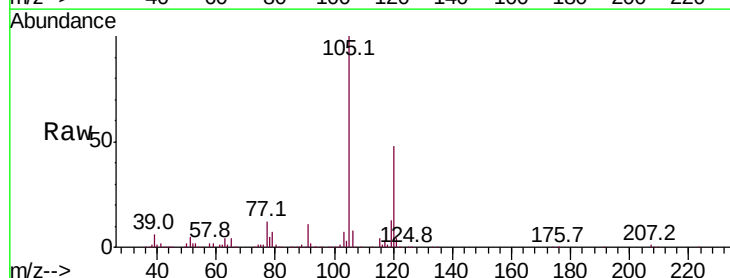
Acq: 07 Oct 2020 06:53

Tgt Ion:105 Resp: 696064

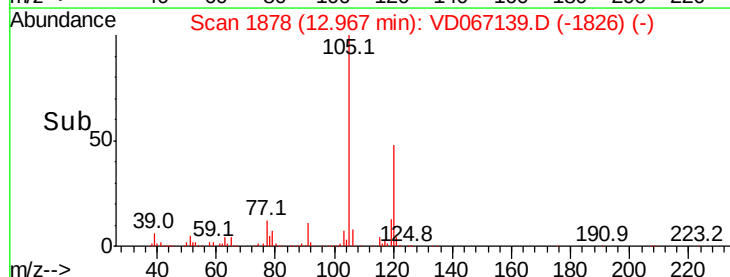
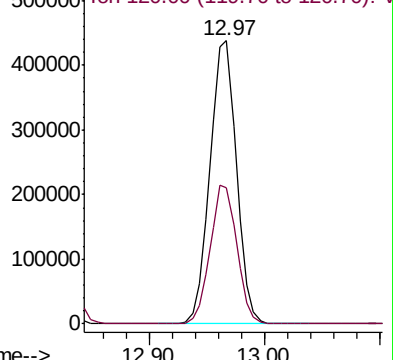
Ion Ratio Lower Upper

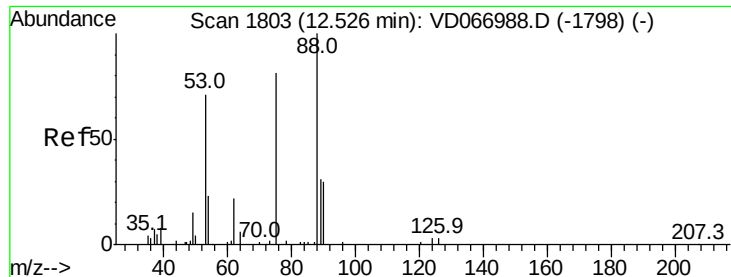
105 100

120 49.6 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VD066988.D (-1867) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.462 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

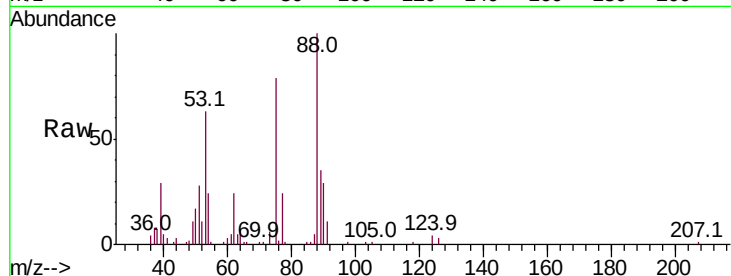
Tot Ion: 75 Resp: 36950

Ion Ratio Lower Upper

75 100

53 90.6 73.8 110.6

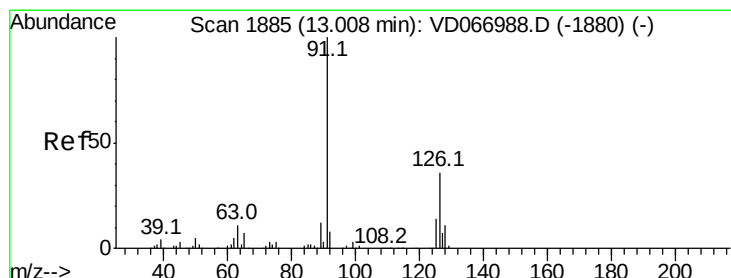
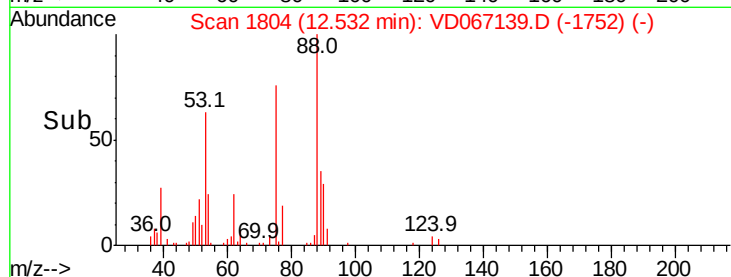
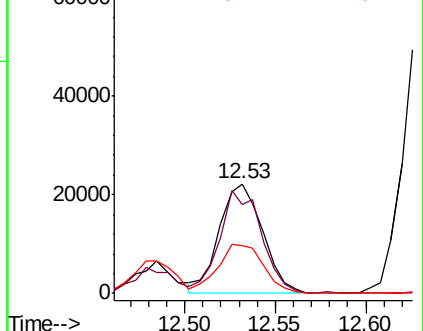
89 46.8 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 49.520 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067139.D

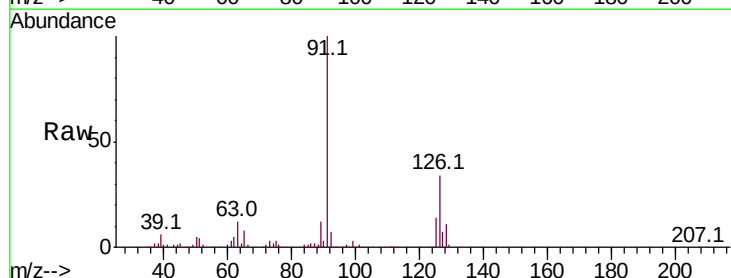
Acq: 07 Oct 2020 06:53

Tgt Ion: 91 Resp: 575399

Ion Ratio Lower Upper

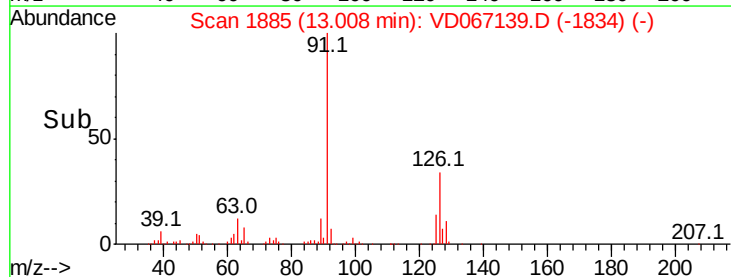
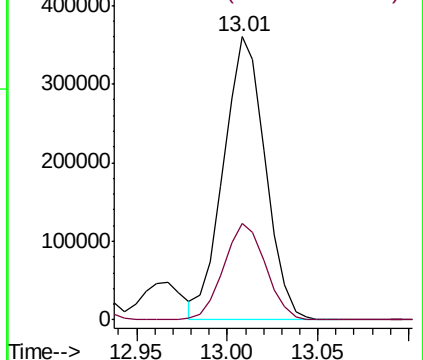
91 100

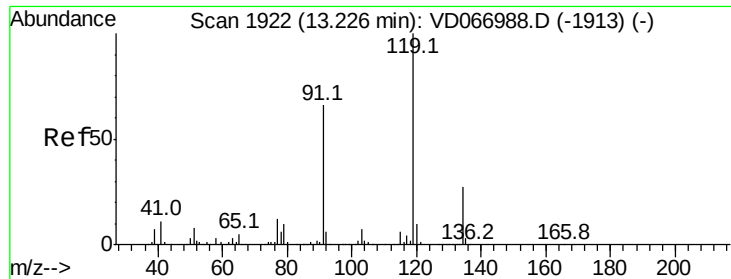
126 34.5 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

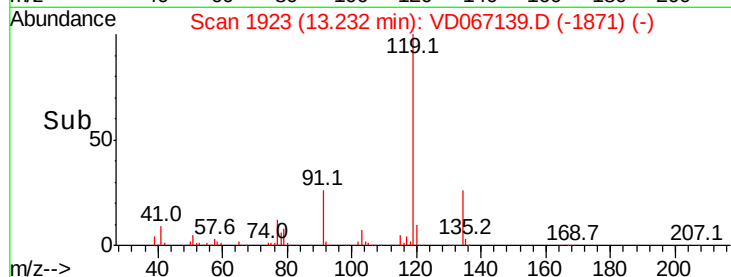
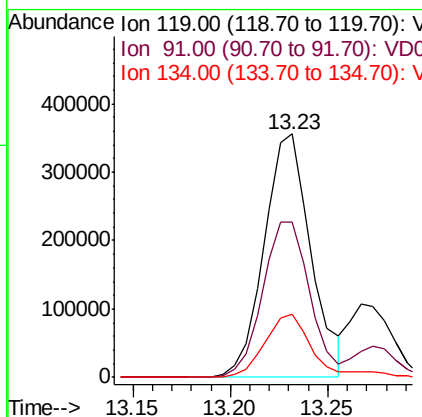
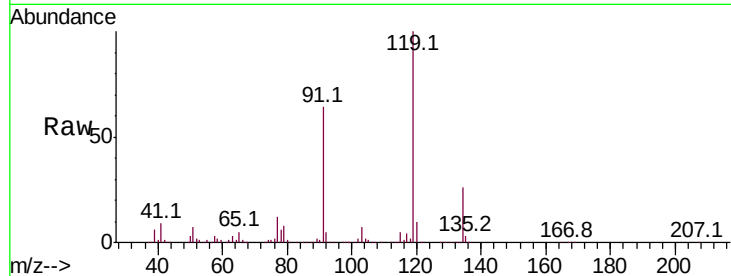




#83
 tert-Butylbenzene
 Concen: 51.353 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

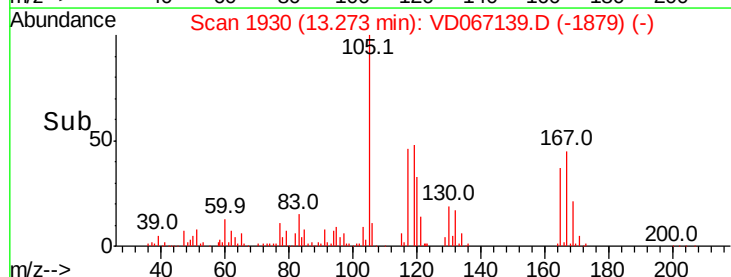
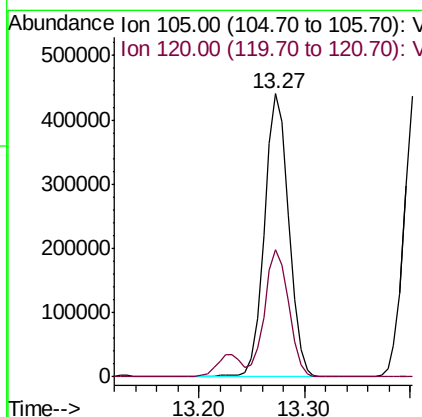
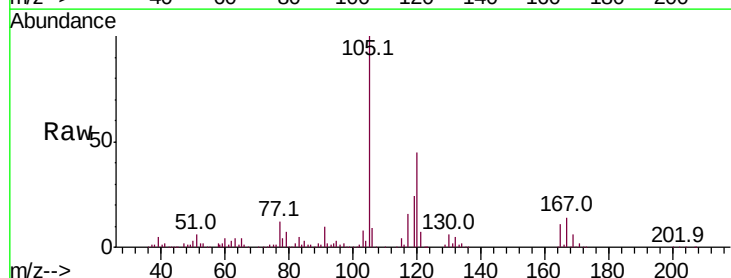
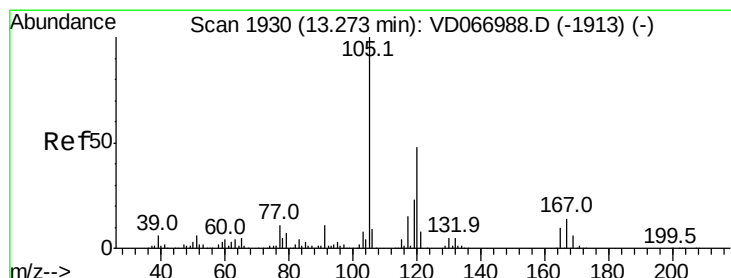
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

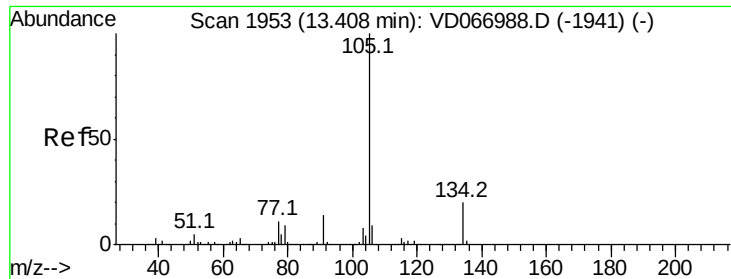
Tot Ion:119 Resp: 590106
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.8 98.3
 134 26.9 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 51.531 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

Tgt Ion:105 Resp: 701761
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.3 69.8

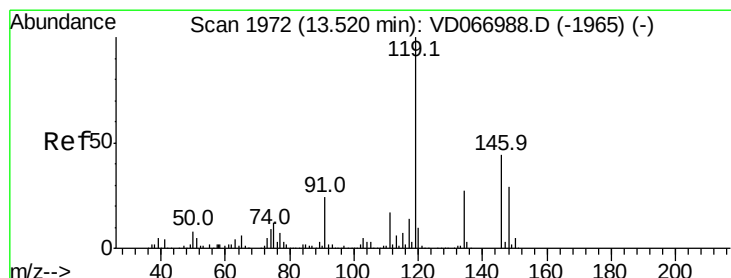
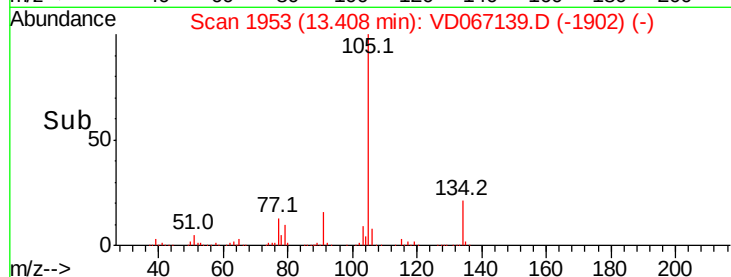
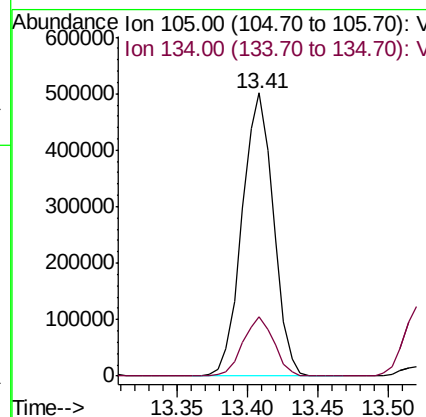
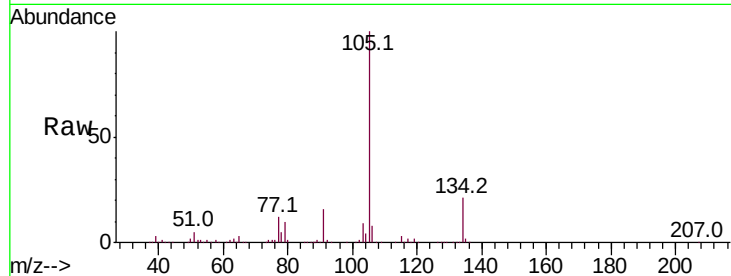




#85
 sec-Butylbenzene
 Concen: 48.175 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

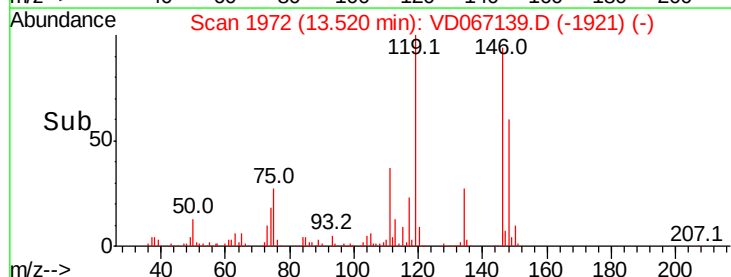
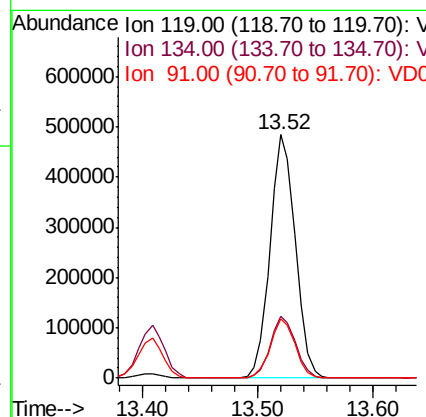
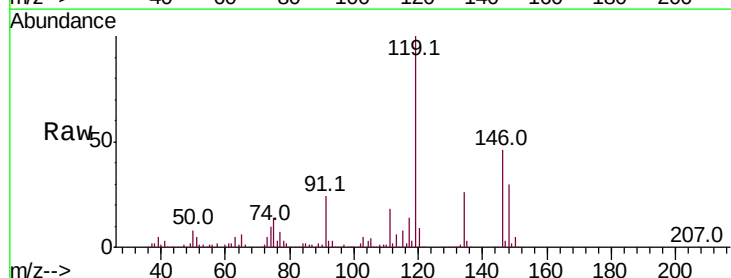
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

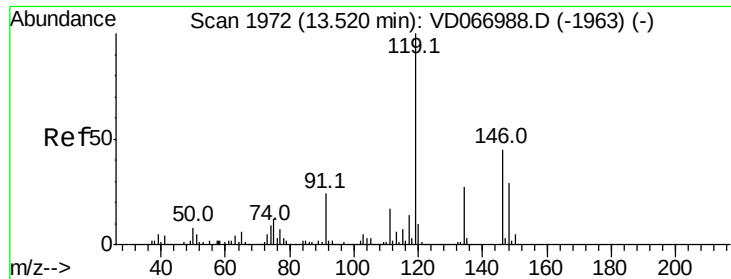
Tot Ion:105 Resp: 779590
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 49.409 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

Tgt Ion:119 Resp: 741278
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.1 39.1
 91 23.8 11.7 35.1

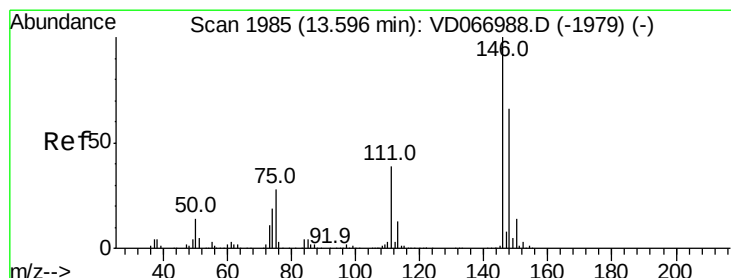
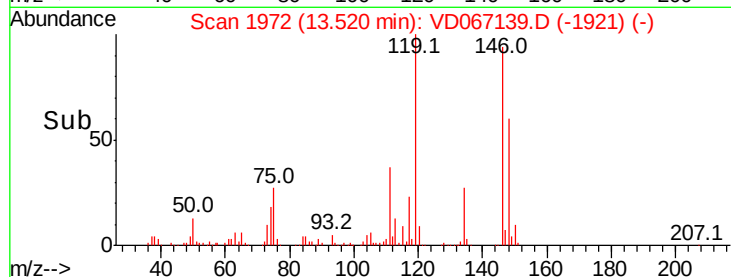
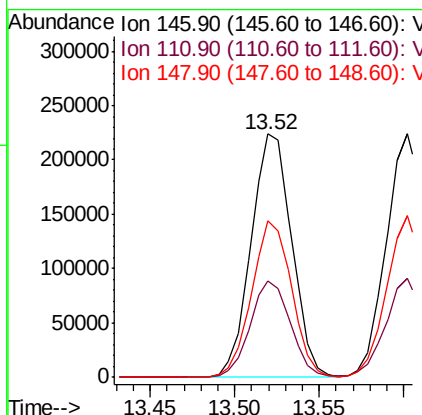
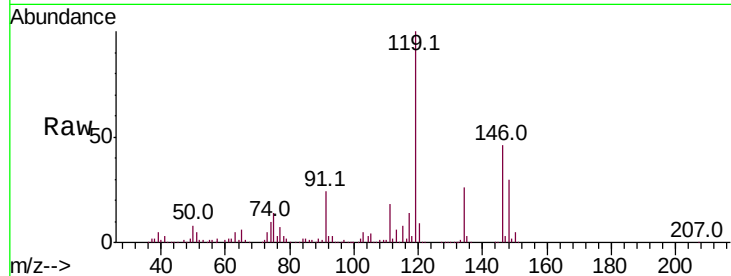




#87
 1,3-Dichlorobenzene
 Concen: 49.405 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

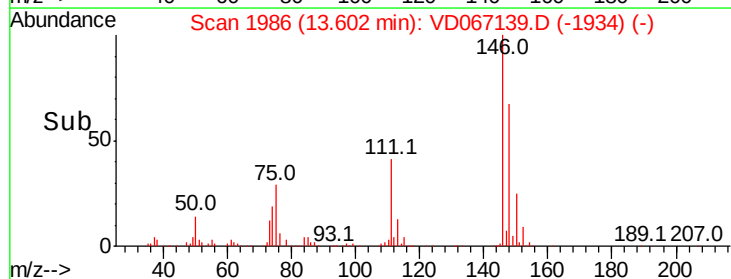
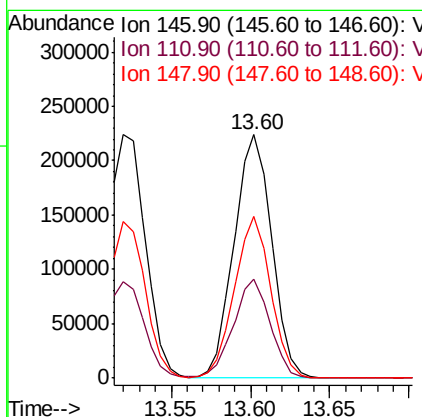
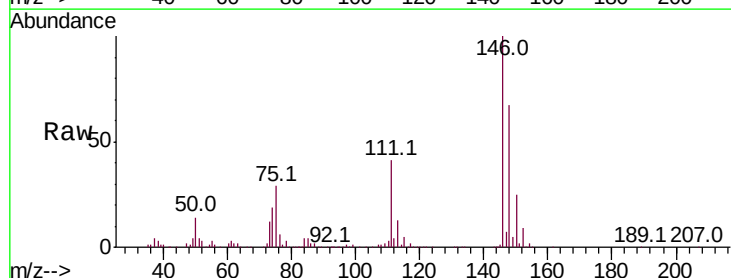
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

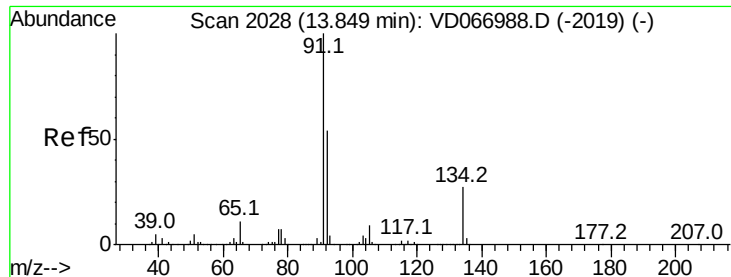
Tot Ion:146 Resp: 375300
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.0 60.0
 148 63.2 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 48.636 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

Tgt Ion:146 Resp: 369417
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.6 58.7
 148 64.0 32.6 97.7

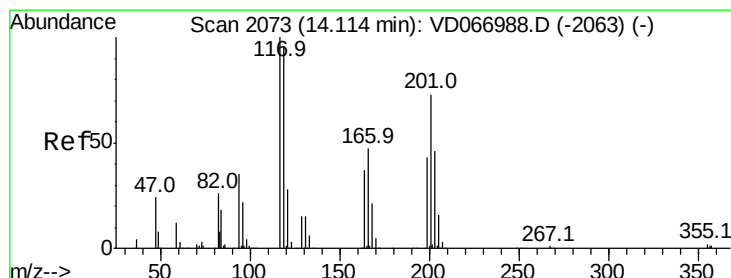
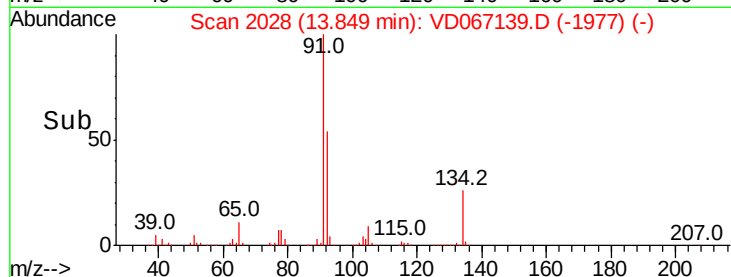
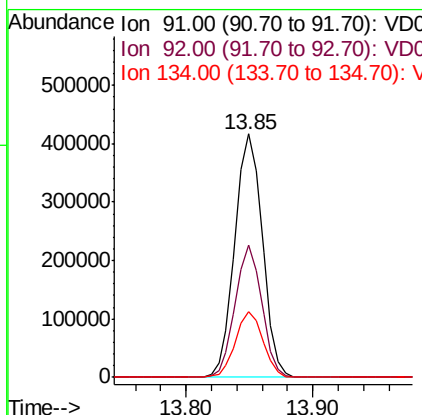
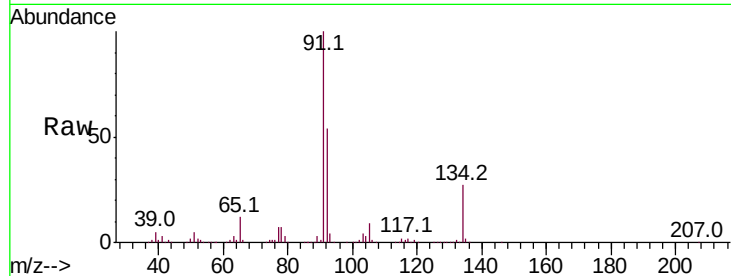




#89
n-Butylbenzene
Concen: 45.793 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

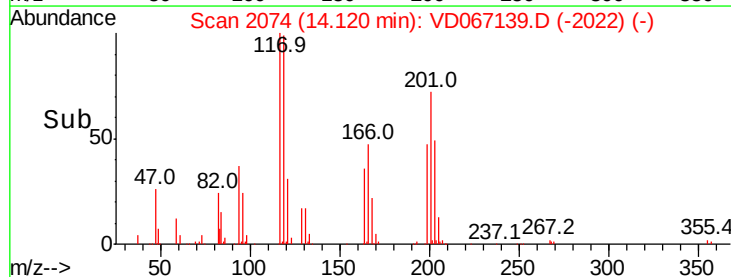
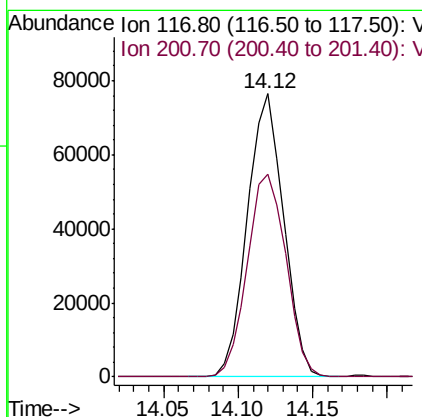
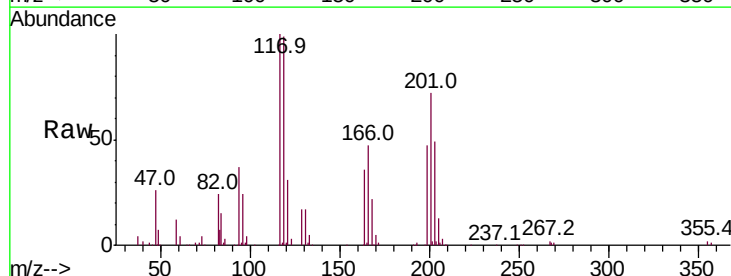
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

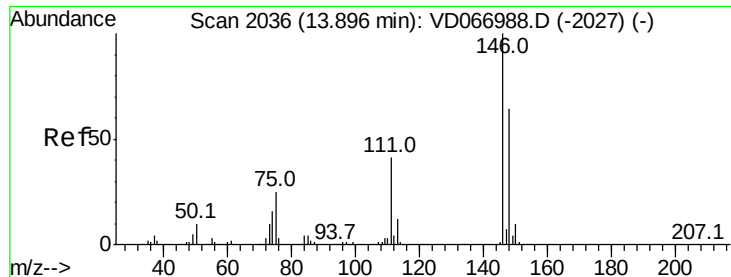
Tot Ion: 91 Resp: 627887
Ion Ratio Lower Upper
91 100
92 52.4 27.1 81.2
134 26.7 13.6 40.8



#90
Hexachloroethane
Concen: 48.846 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067139.D
Acq: 07 Oct 2020 06:53

Tgt Ion: 117 Resp: 128368
Ion Ratio Lower Upper
117 100
201 76.6 37.0 110.9

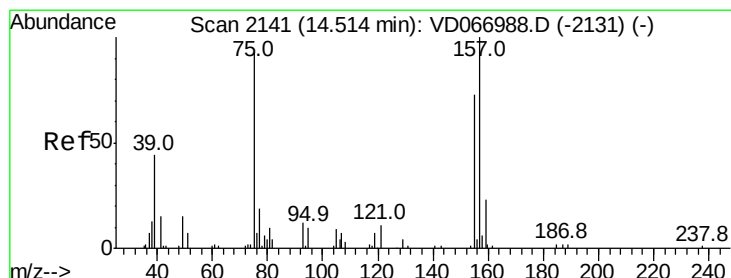
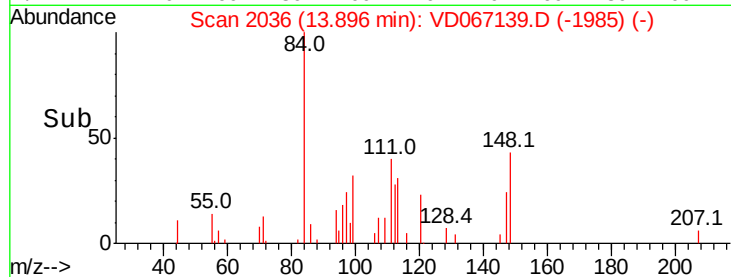
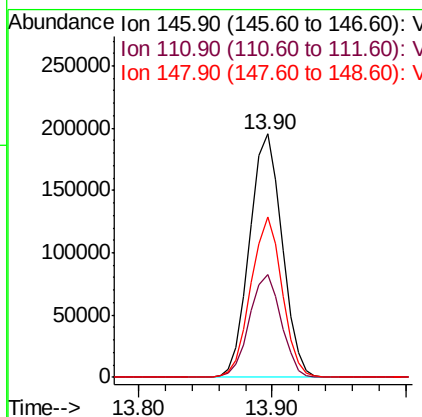
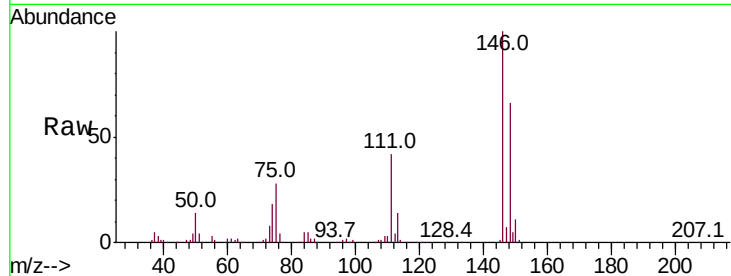




#91
 1,2-Dichlorobenzene
 Concen: 49.573 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

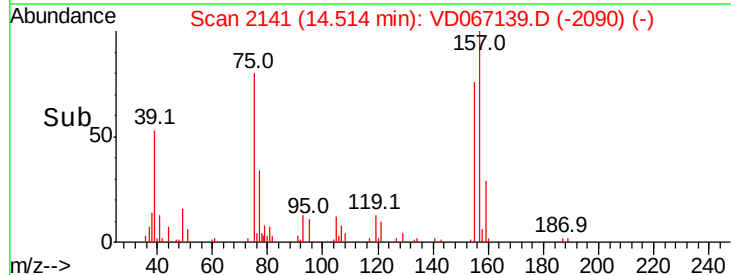
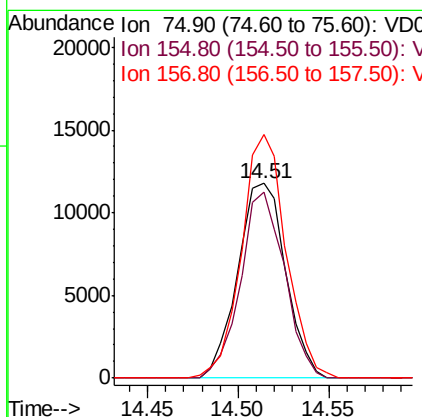
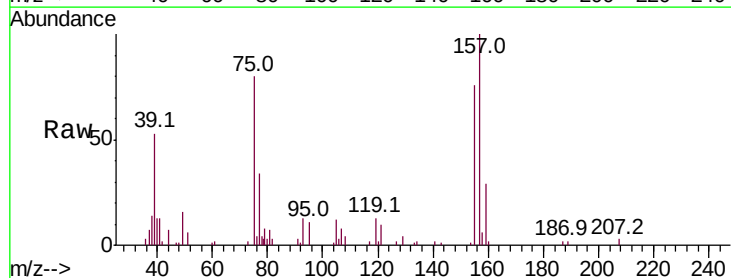
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

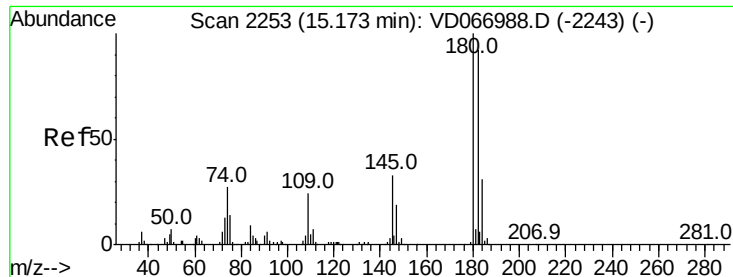
Tot Ion:146 Resp: 328880
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.9 62.7
 148 63.5 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.370 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

Tgt Ion: 75 Resp: 21657
 Ion Ratio Lower Upper
 75 100
 155 87.6 45.2 135.6
 157 116.1 56.3 168.8

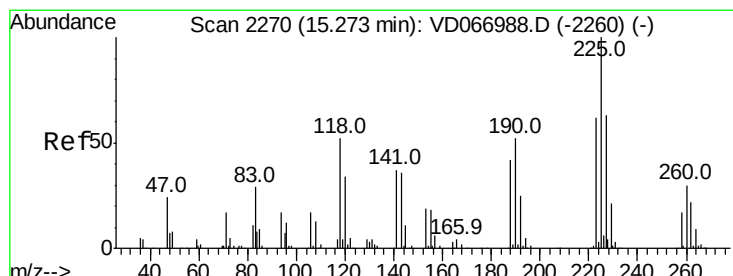
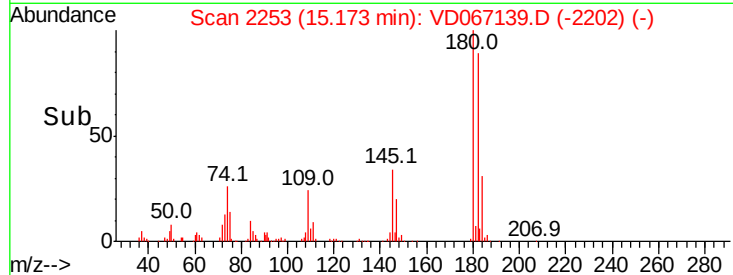
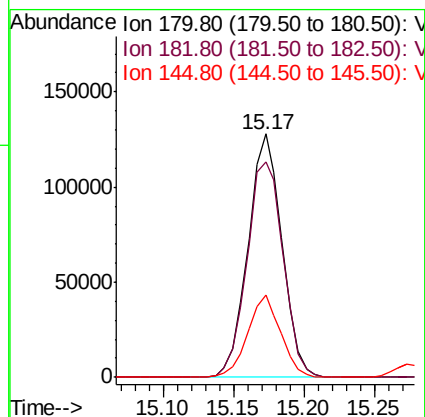
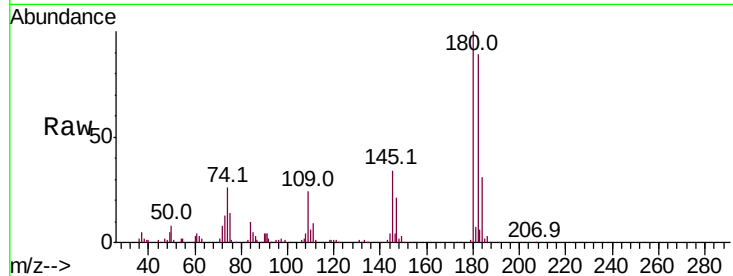




#93
 1,2,4-Trichlorobenzene
 Concen: 50.215 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

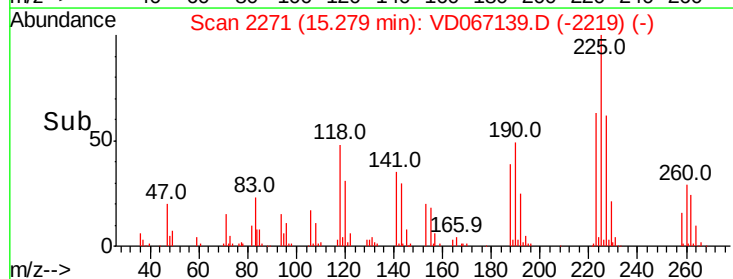
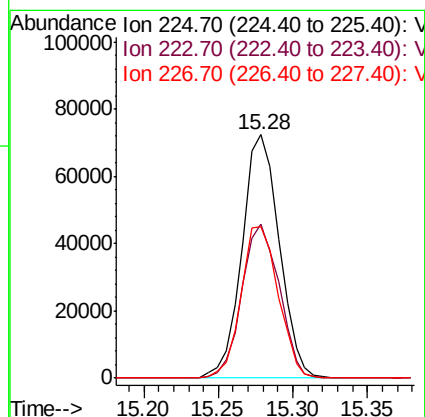
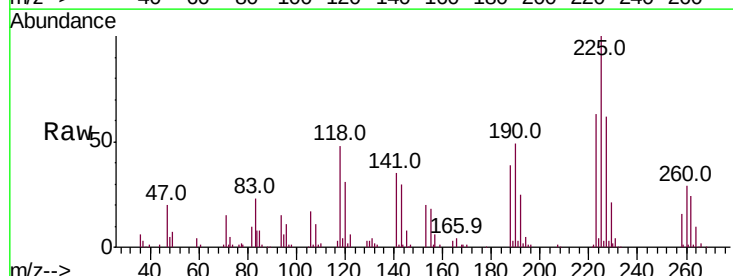
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

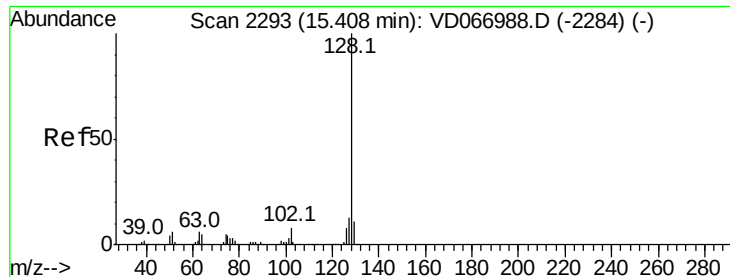
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	142.0
145	32.6	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 47.576 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067139.D
 Acq: 07 Oct 2020 06:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.4	97.0
227	62.4	31.6	95.0





#95

Naphthalene

Concen: 52.900 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

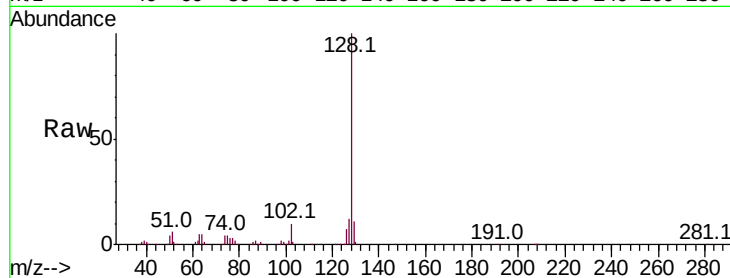
Tot Ion:128 Resp: 378641

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

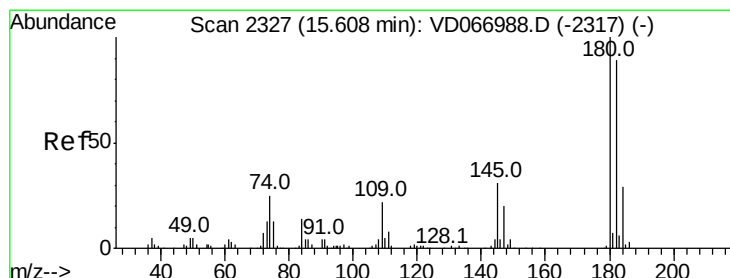
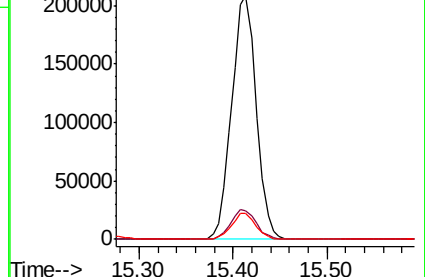
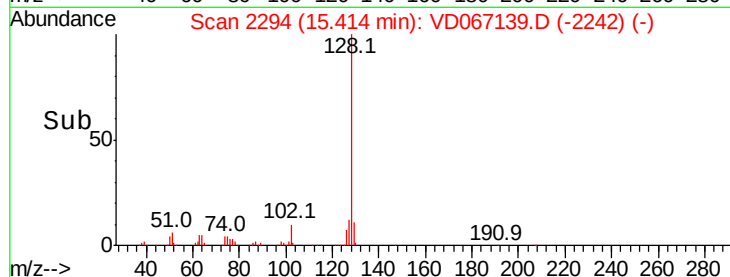
129 10.6 8.6 13.0



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: 52.767 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD067139.D

Acq: 07 Oct 2020 06:53

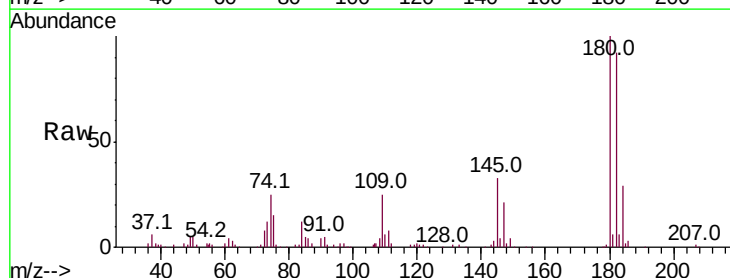
Tgt Ion:180 Resp: 196567

Ion Ratio Lower Upper

180 100

182 90.6 46.4 139.1

145 32.4 16.6 49.7



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

