

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070820\
 Data File : VD065935.D
 Acq On : 08 Jul 2020 11:47
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 09 01:22:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	431379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	640314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	582266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	287084	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	178961	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
35) Dibromofluoromethane	7.91	113	190362	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	10.34	98	709739	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.63	95	247130	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	160273	41.792	ug/l	96
3) Chloromethane	2.21	50	155017	40.776	ug/l	94
4) Vinyl Chloride	2.35	62	148653	42.586	ug/l	99
5) Bromomethane	2.77	94	94663	42.812	ug/l	97
6) Chloroethane	2.93	64	90450	43.347	ug/l	90
7) Trichlorofluoromethane	3.27	101	334103	44.658	ug/l	95
8) Diethyl Ether	3.70	74	94107	45.851	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	202693	45.294	ug/l	97
10) Methyl Iodide	4.30	142	224650	47.779	ug/l	100
11) Tert butyl alcohol	5.21	59	57854	240.002	ug/l	99
12) 1,1-Dichloroethene	4.06	96	190969	45.679	ug/l	96
13) Acrolein	3.91	56	45176	233.840	ug/l	96
14) Allyl chloride	4.71	41	319940	45.159	ug/l	98
15) Acrylonitrile	5.41	53	210380	234.111	ug/l	99
16) Acetone	4.15	43	248480	277.336	ug/l	98
17) Carbon Disulfide	4.40	76	597906	44.885	ug/l	99
18) Methyl Acetate	4.71	43	91849	43.734	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	420191	47.474	ug/l	99
20) Methylene Chloride	4.96	84	230052	45.909	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	215089	45.728	ug/l	98
22) Diisopropyl ether	6.36	45	619742	46.547	ug/l	98
23) Vinyl Acetate	6.30	43	1815510	238.893	ug/l	99
24) 1,1-Dichloroethane	6.26	63	362006	45.598	ug/l	98
25) 2-Butanone	7.21	43	287744	243.044	ug/l	100
26) 2,2-Dichloropropane	7.20	77	326223	46.970	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	234137	46.328	ug/l	99
28) Bromochloromethane	7.54	49	138677	46.239	ug/l	98
29) Tetrahydrofuran	7.56	42	174590	231.912	ug/l	100
30) Chloroform	7.71	83	368045	45.728	ug/l	98
31) Cyclohexane	7.98	56	345809	44.270	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	342002	46.563	ug/l	100
36) 1,1-Dichloropropene	8.11	75	301465	47.670	ug/l	98
37) Ethyl Acetate	7.29	43	117684	44.413	ug/l	97
38) Carbon Tetrachloride	8.10	117	315423	46.534	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	377285	48.594	ug/l	98
40) Benzene	8.35	78	820115	46.942	ug/l	100
41) Methacrylonitrile	7.53	41	81912	53.244	ug/l	91
42) 1,2-Dichloroethane	8.42	62	226072	45.677	ug/l	100
43) Isopropyl Acetate	8.45	43	234508	47.547	ug/l	97
44) Trichloroethene	9.11	130	241106	46.969	ug/l	99
45) 1,2-Dichloropropane	9.38	63	201695	46.514	ug/l	100
46) Dibromomethane	9.47	93	105564	46.760	ug/l	98
47) Bromodichloromethane	9.66	83	280712	46.355	ug/l	98
48) Methyl methacrylate	9.46	41	120667	48.598	ug/l	98
49) 1,4-Dioxane	9.46	88	25681	957.382	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	602256	241.526	ug/l	99
52) Toluene	10.40	92	527017	47.415	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	270010	47.420	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	326102	47.396	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	148518	47.748	ug/l	97
56) Ethyl methacrylate	10.66	69	186050	48.973	ug/l	97
57) 1,3-Dichloropropane	10.95	76	254831	46.847	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	439984	239.136	ug/l	98
59) 2-Hexanone	10.98	43	435115	253.725	ug/l	100
60) Dibromochloromethane	11.14	129	201648	47.451	ug/l	98
61) 1,2-Dibromoethane	11.25	107	143506	46.274	ug/l	99
64) Tetrachloroethene	10.87	164	199349	47.078	ug/l	98
65) Chlorobenzene	11.67	112	557945	47.550	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	211390	48.167	ug/l	99
67) Ethyl Benzene	11.74	91	1002462	48.091	ug/l	100
68) m/p-Xylenes	11.85	106	775771	97.954	ug/l	99
69) o-Xylene	12.18	106	354309	49.111	ug/l	99
70) Styrene	12.20	104	608640	48.871	ug/l	100
71) Bromoform	12.36	173	119432	48.093	ug/l #	100
73) Isopropylbenzene	12.48	105	972730	48.550	ug/l	98
74) N-amyl acetate	12.29	43	213467	47.480	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	160437	48.232	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	209338	86.925	ug/l #	100
77) Bromobenzene	12.76	156	234614	48.279	ug/l	99
78) n-propylbenzene	12.82	91	1140218	48.541	ug/l	99
79) 2-Chlorotoluene	12.91	91	639803	48.012	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	797677	48.675	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	56088	50.043	ug/l	96
82) 4-Chlorotoluene	13.01	91	662436	47.380	ug/l	99
83) tert-Butylbenzene	13.23	119	692075	49.568	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	789207	48.379	ug/l	99
85) sec-Butylbenzene	13.40	105	965164	48.778	ug/l	99
86) p-Isopropyltoluene	13.52	119	902459	49.865	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	431659	47.470	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	429029	47.292	ug/l	100
89) n-Butylbenzene	13.84	91	833840	49.063	ug/l	100
90) Hexachloroethane	14.11	117	174278	47.753	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	377770	47.532	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25399	45.665	ug/l	92

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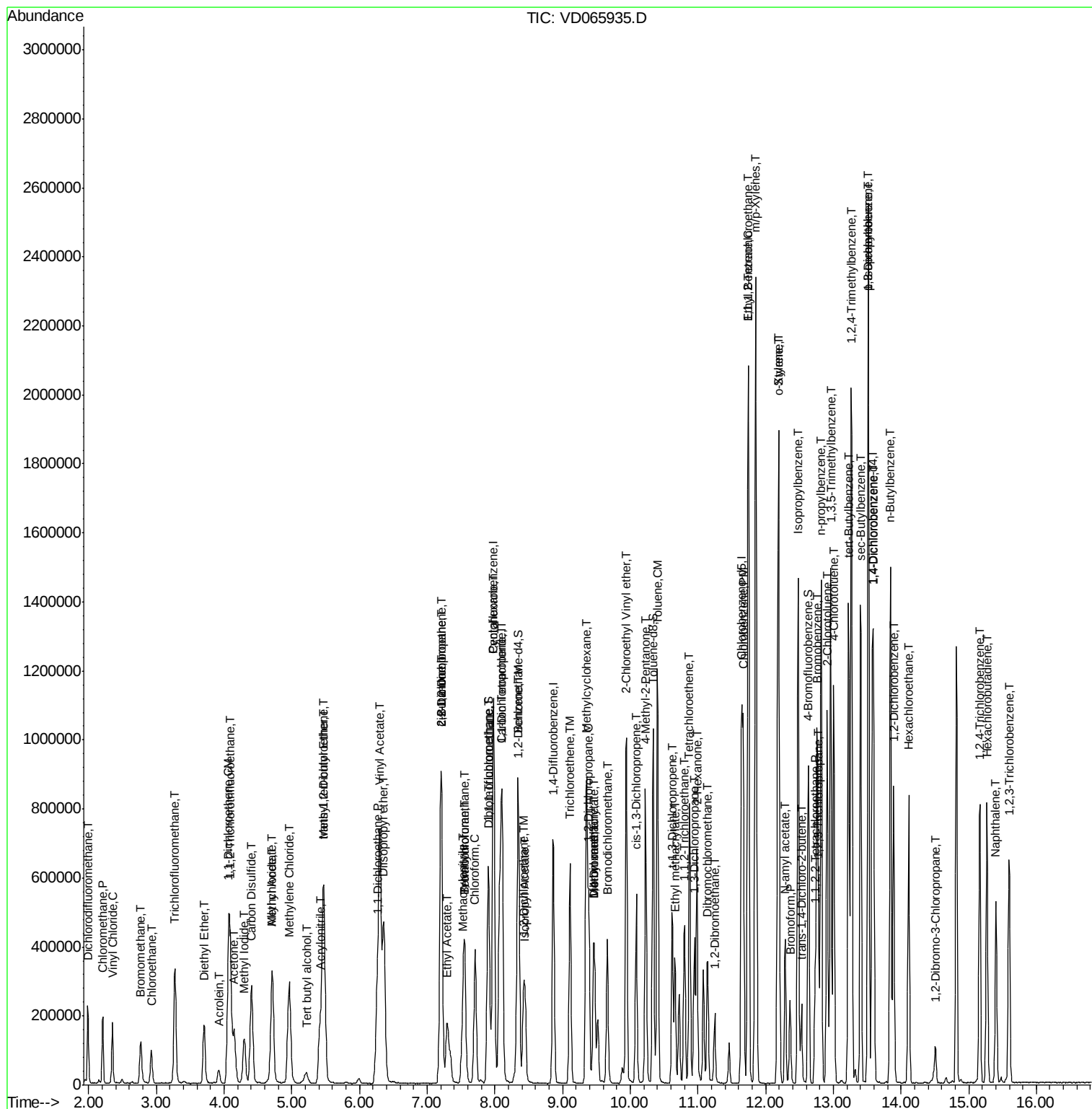
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	277326	48.960	ug/l	100
94) Hexachlorobutadiene	15.27	225	169970	49.607	ug/l	99
95) Naphthalene	15.40	128	470958	49.575	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	237197	48.548	ug/l	99

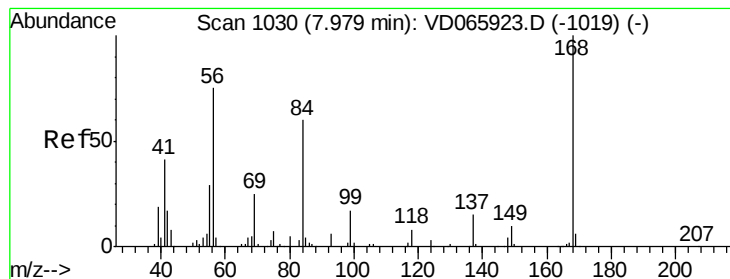
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

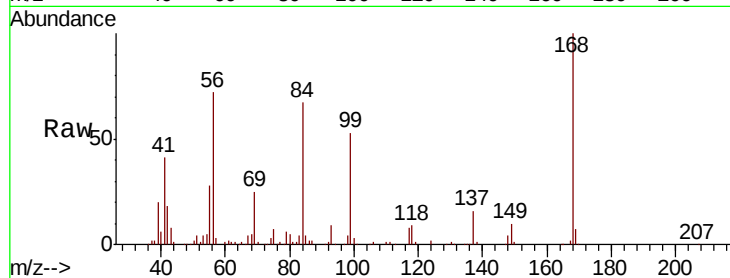
VSTDCCC050

Tot Ion:168 Resp: 431379

Ion Ratio Lower Upper

168 100

99 52.2 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

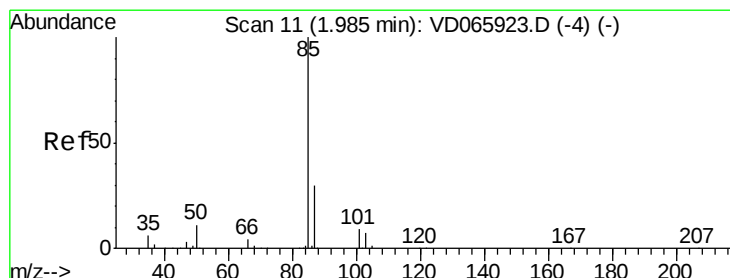
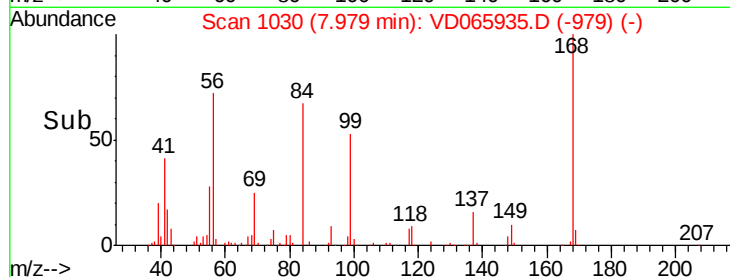
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 41.792 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065935.D

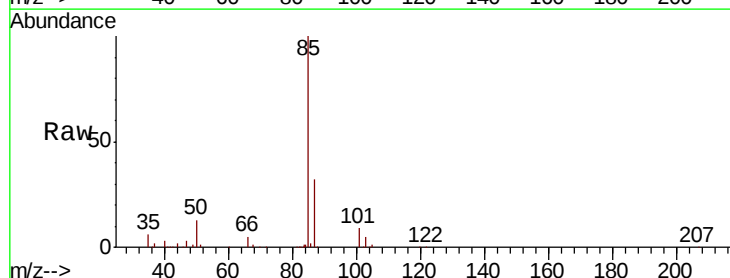
Acq: 08 Jul 2020 11:47

Tgt Ion: 85 Resp: 160273

Ion Ratio Lower Upper

85 100

87 32.0 14.9 44.9



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

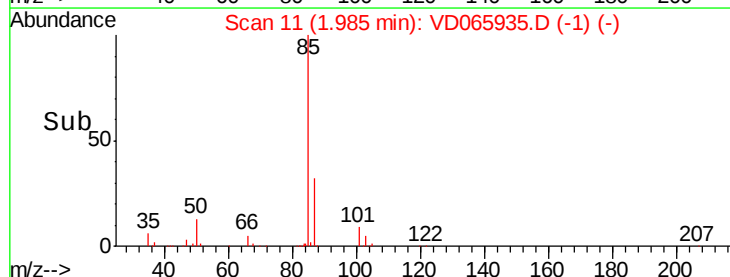
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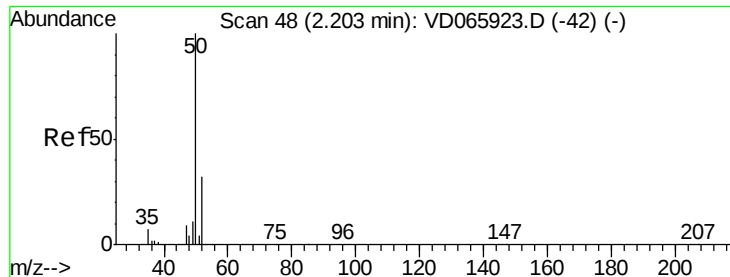
50000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 40.776 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

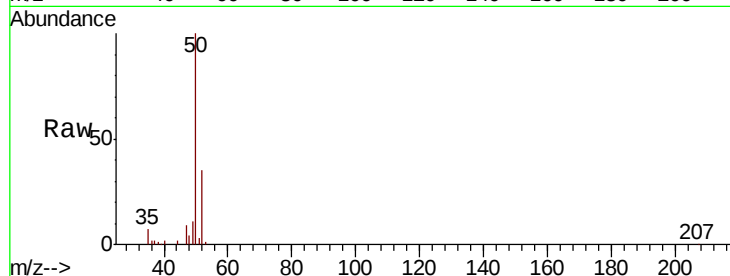
VSTDCCC050

Tot Ion: 50 Resp: 155017

Ion Ratio Lower Upper

50 100

52 35.5 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

120000

100000

80000

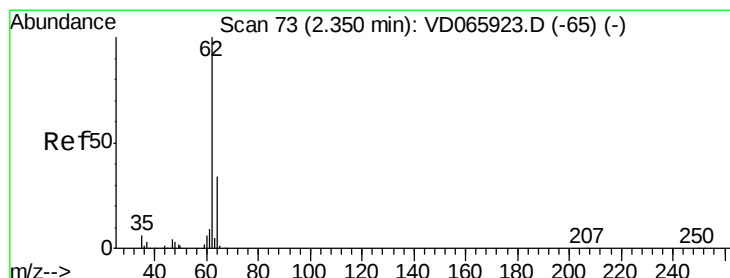
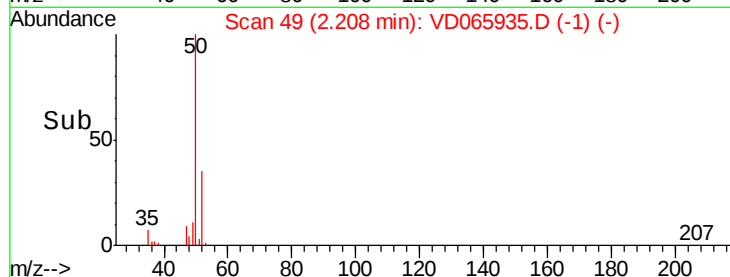
60000

40000

20000

0

Time--> 2.10 2.20 2.30



#4

Vinyl Chloride

Concen: 42.586 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065935.D

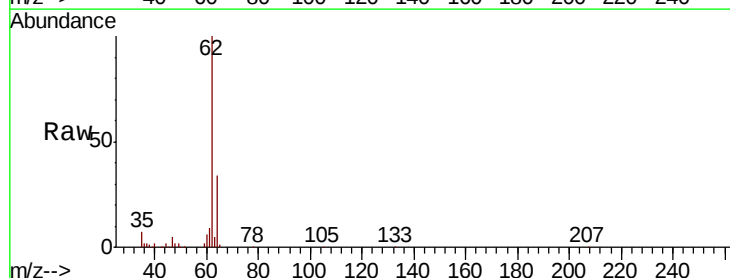
Acq: 08 Jul 2020 11:47

Tgt Ion: 62 Resp: 148653

Ion Ratio Lower Upper

62 100

64 33.6 27.2 40.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

100000

80000

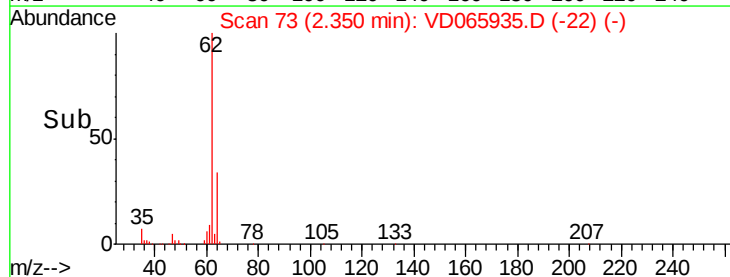
60000

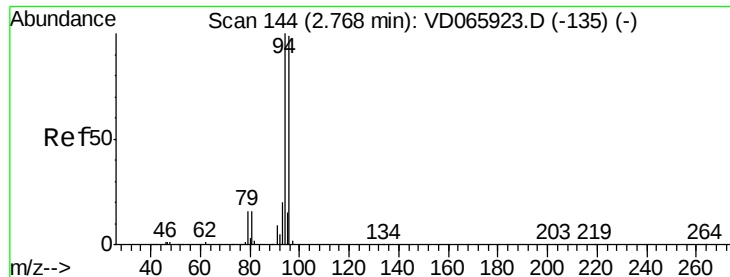
40000

20000

0

Time--> 2.30 2.35 2.40





#5

Bromomethane

Concen: 42.812 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

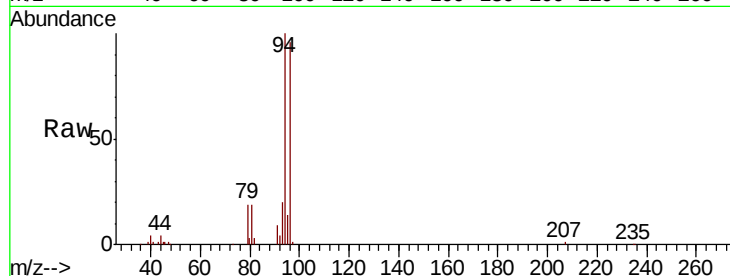
VSTDCCC050

Tot Ion: 94 Resp: 94663

Ion Ratio Lower Upper

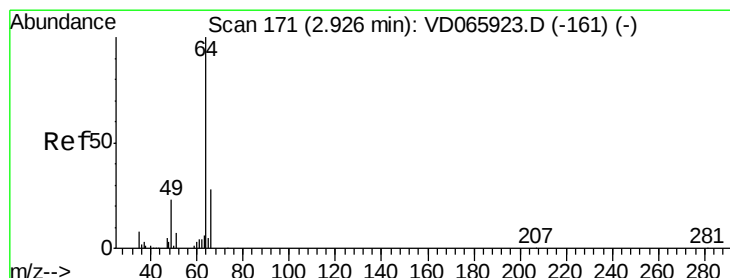
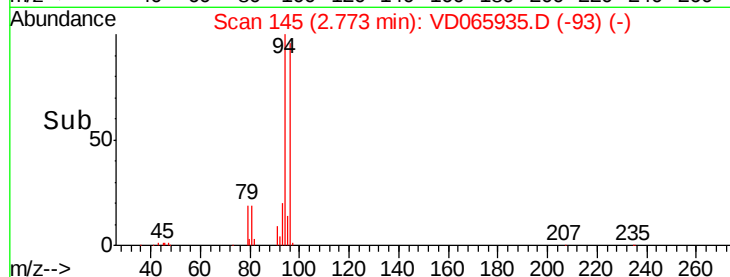
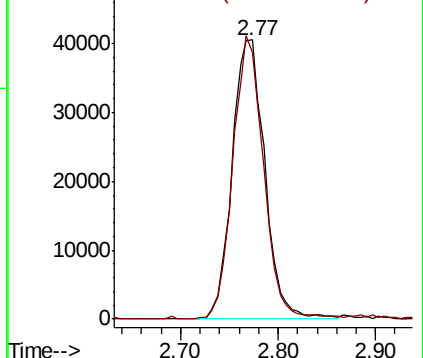
94 100

96 95.8 78.8 118.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 43.347 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065935.D

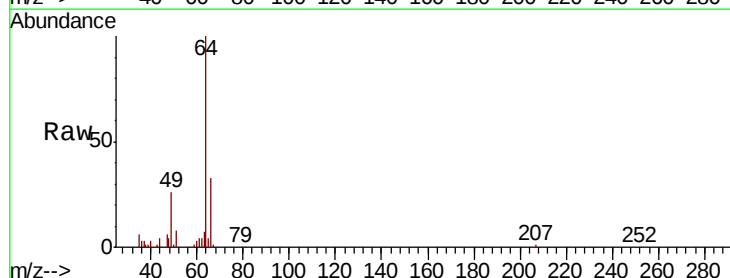
Acq: 08 Jul 2020 11:47

Tgt Ion: 64 Resp: 90450

Ion Ratio Lower Upper

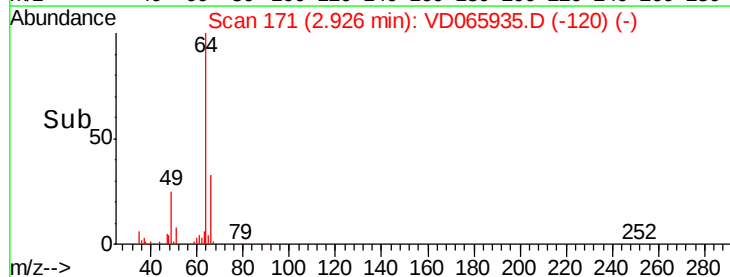
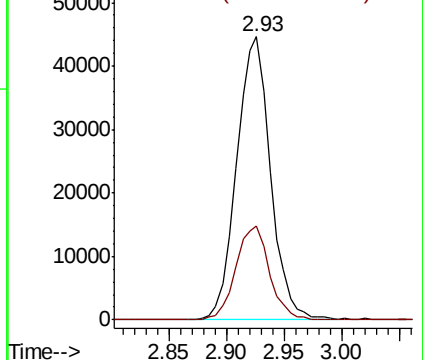
64 100

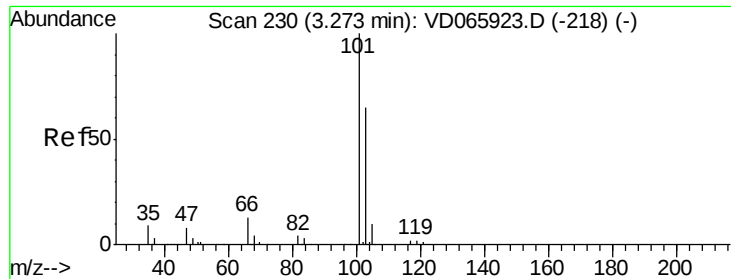
66 33.3 22.6 33.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



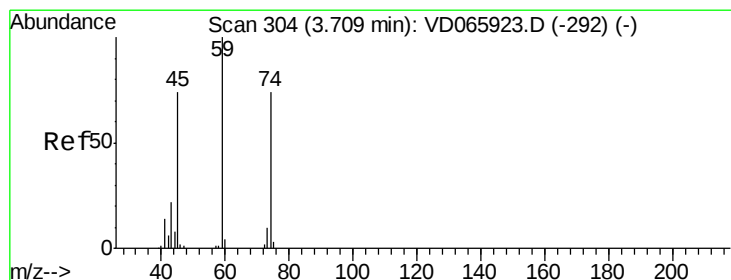
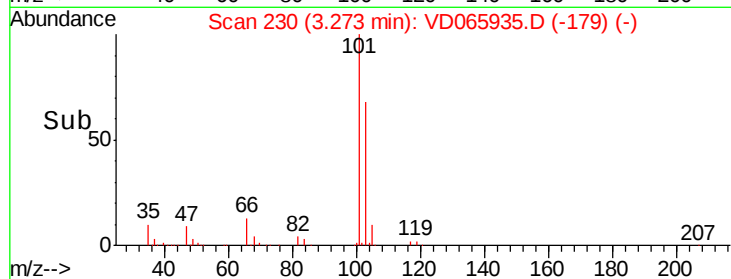
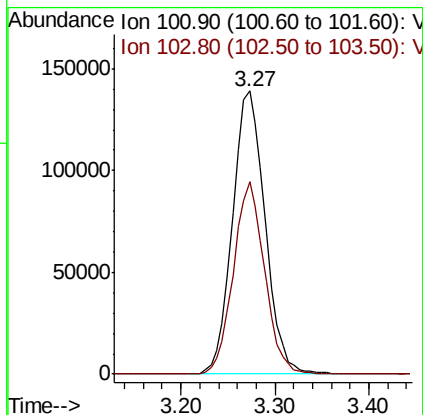
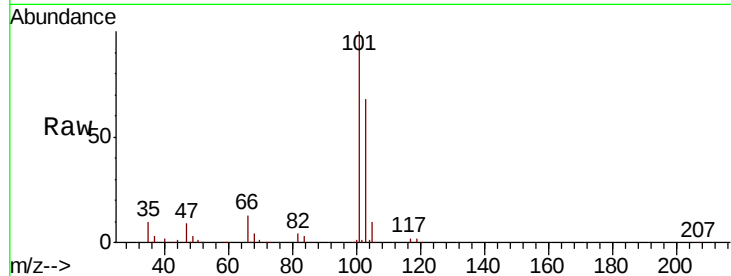


#7

Trichlorofluoromethane
 Concen: 44.658 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065935.D
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Instrument :
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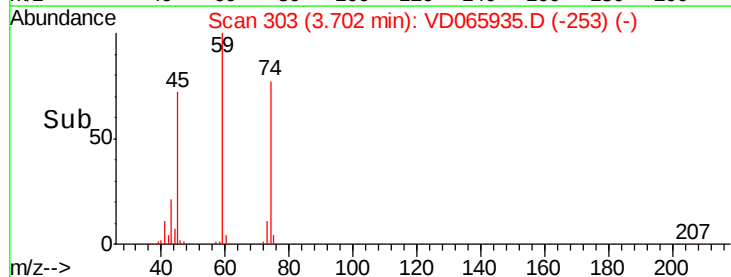
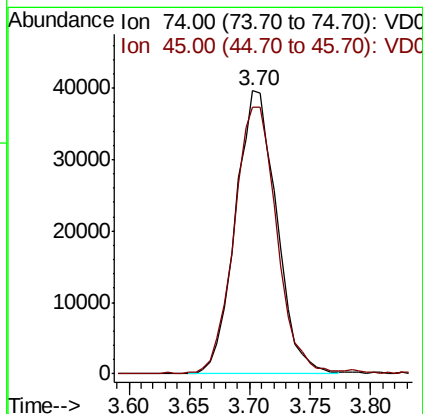
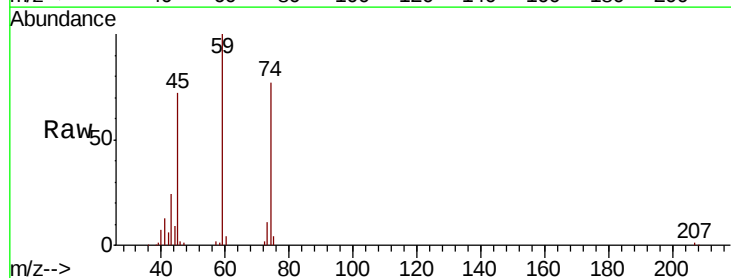
Tot Ion:101 Resp: 334103
 Ion Ratio Lower Upper
 101 100
 103 68.2 51.7 77.5

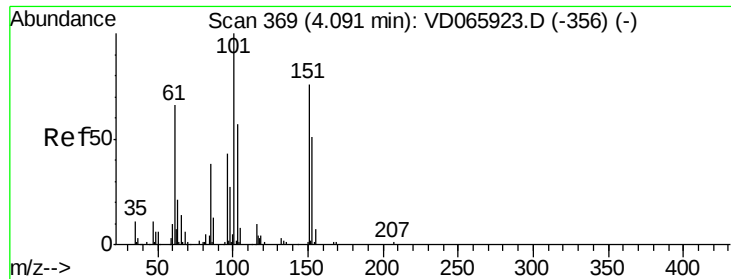


#8

Diethyl Ether
 Concen: 45.851 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion: 74 Resp: 94107
 Ion Ratio Lower Upper
 74 100
 45 97.7 51.1 153.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.294 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

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VSTDCCC050

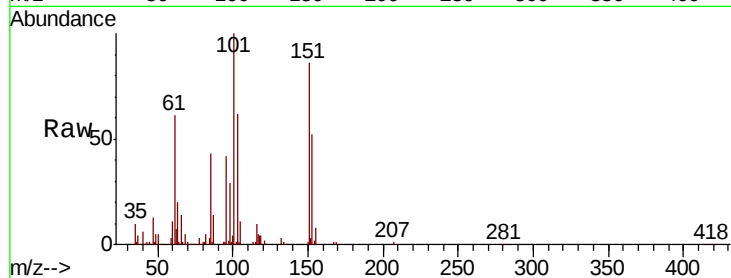
Tot Ion:101 Resp: 202693

Ion Ratio Lower Upper

101 100

85 42.7 33.8 50.8

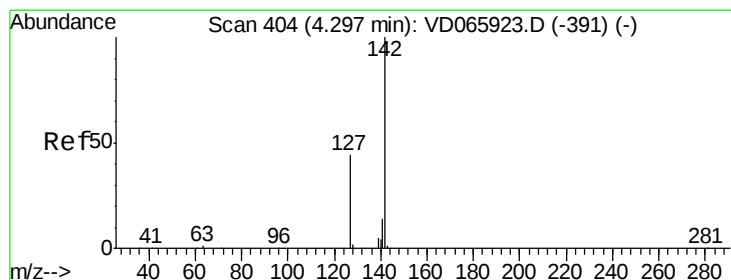
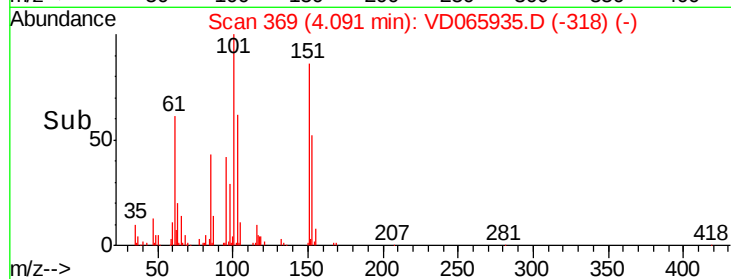
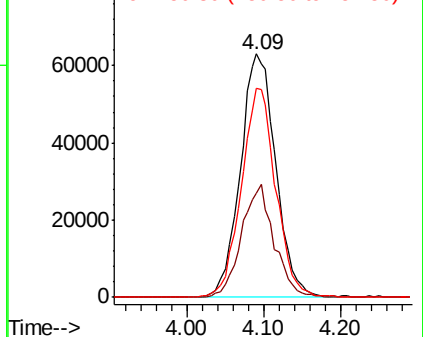
151 83.3 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.779 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

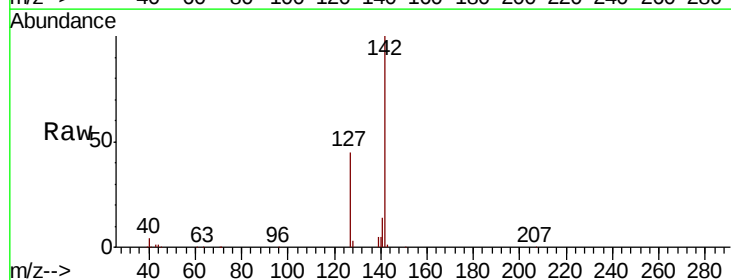
Tgt Ion:142 Resp: 224650

Ion Ratio Lower Upper

142 100

127 43.2 34.6 51.8

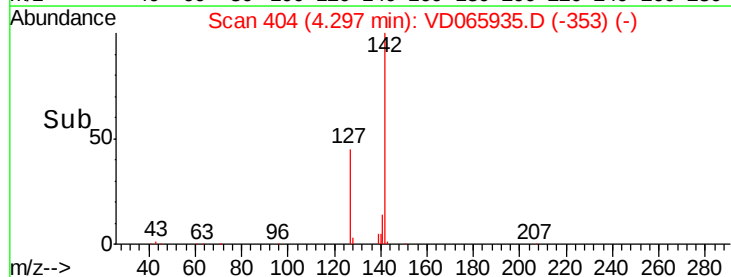
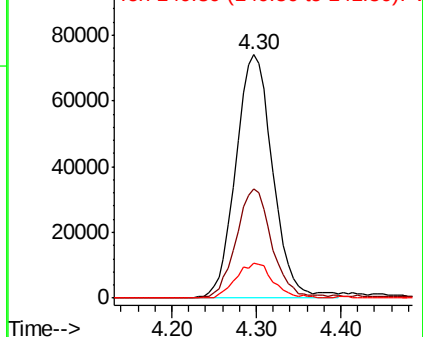
141 14.3 11.6 17.4

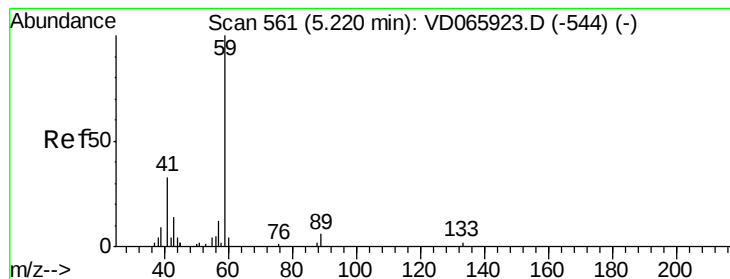


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



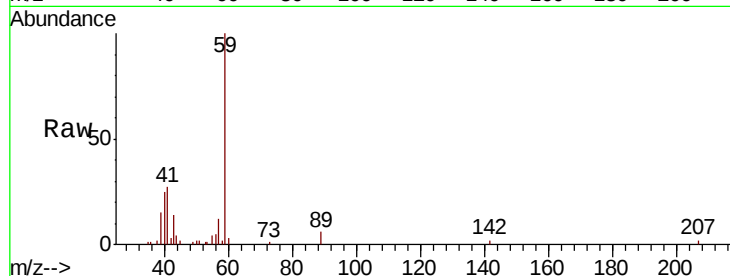


#11

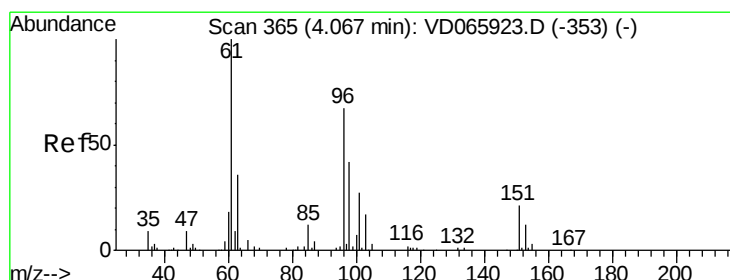
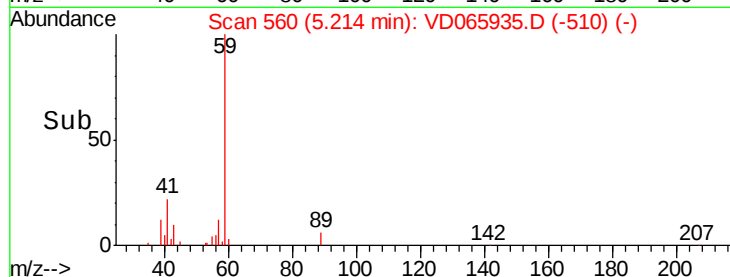
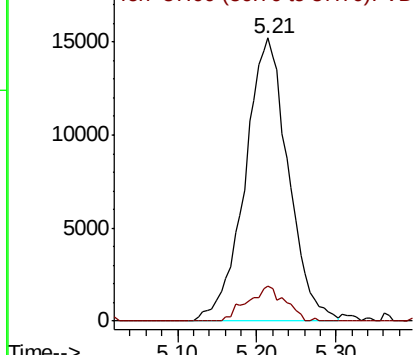
Tert butyl alcohol
 Concen: 240.002 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 59 Resp: 57854
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.7 13.1



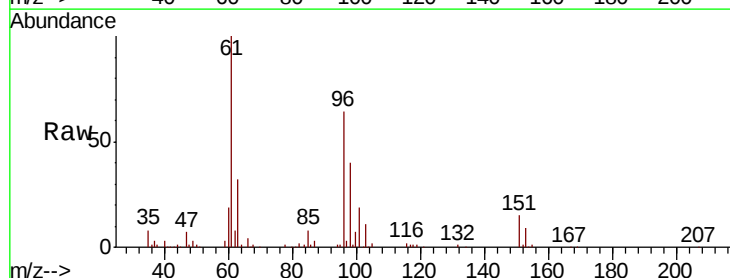
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



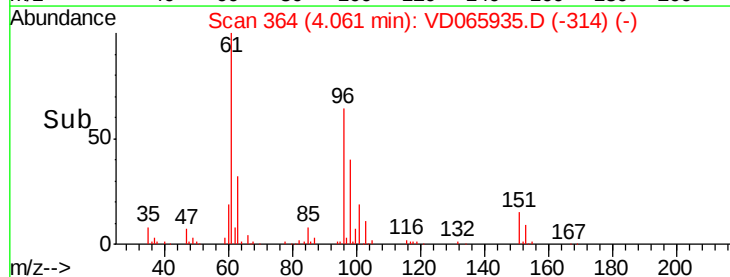
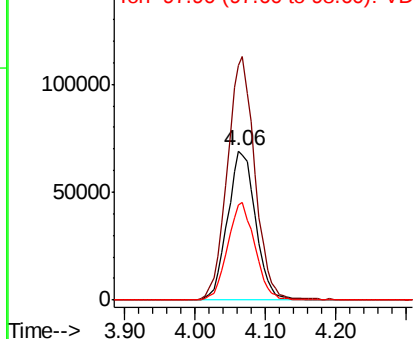
#12

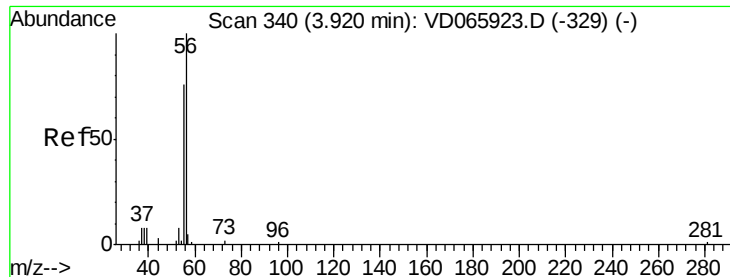
1,1-Dichloroethene
 Concen: 45.679 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion: 96 Resp: 190969
 Ion Ratio Lower Upper
 96 100
 61 157.2 120.2 180.2
 98 63.5 50.6 76.0



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





#13

Acrolein

Concen: 233.840 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

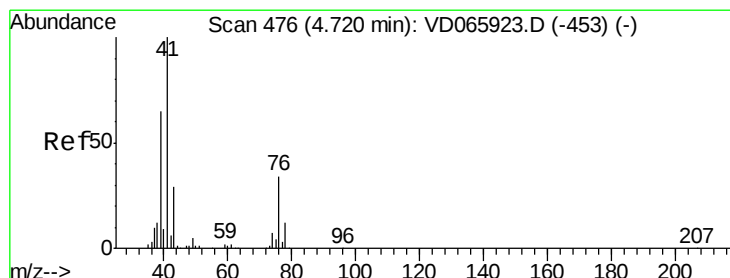
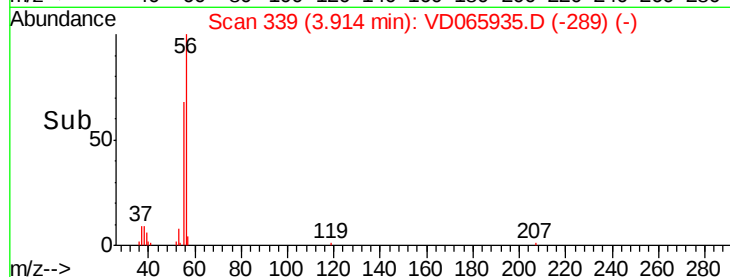
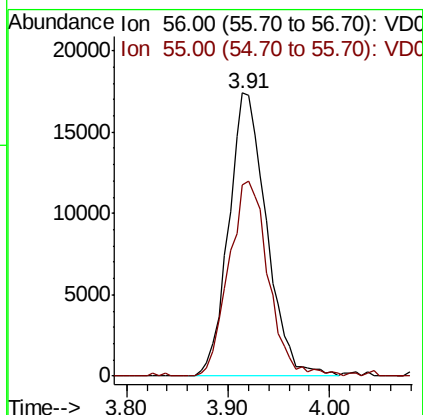
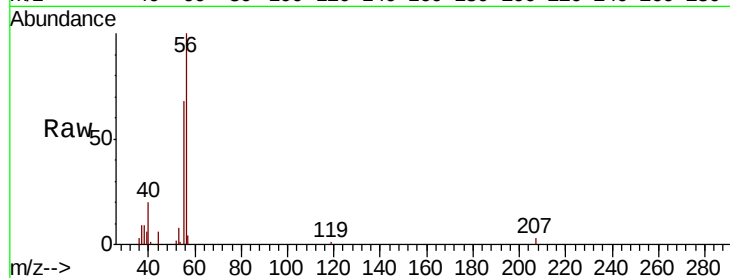
VSTDCCC050

Tot Ion: 56 Resp: 45176

Ion Ratio Lower Upper

56 100

55 72.1 55.0 82.6



#14

Allyl chloride

Concen: 45.159 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

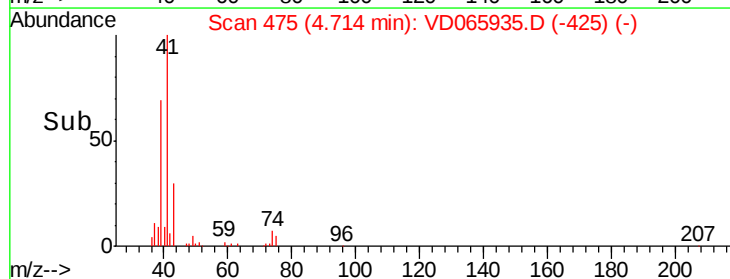
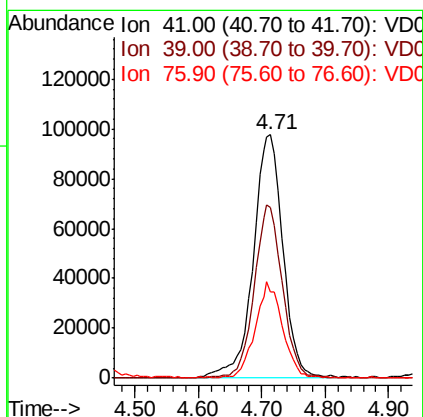
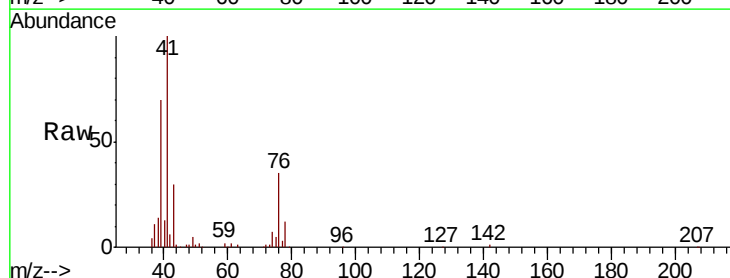
Tgt Ion: 41 Resp: 319940

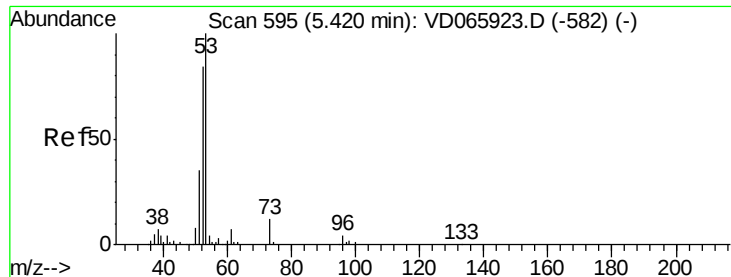
Ion Ratio Lower Upper

41 100

39 67.5 52.2 78.4

76 35.2 28.1 42.1





#15

Acrylonitrile

Concen: 234.111 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

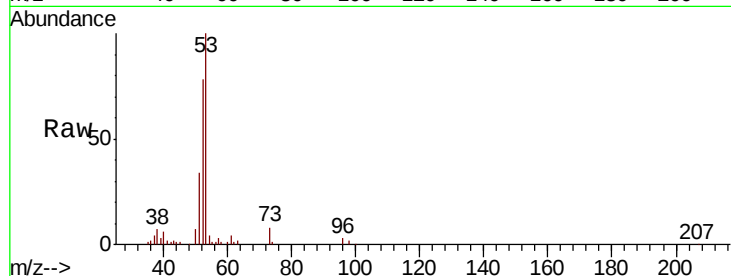
Tot Ion: 53 Resp: 210380

Ion Ratio Lower Upper

53 100

52 82.0 66.3 99.5

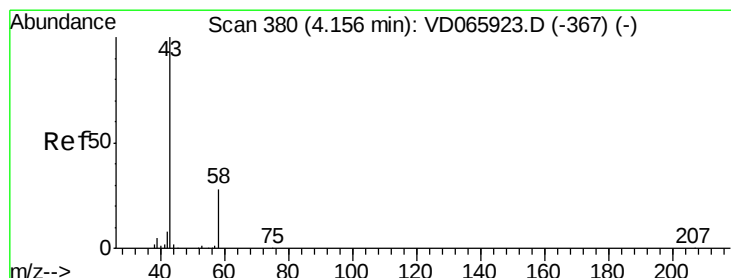
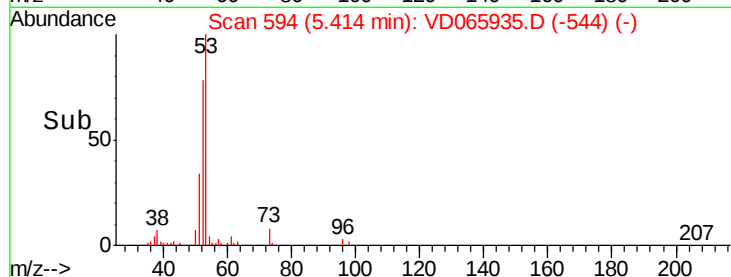
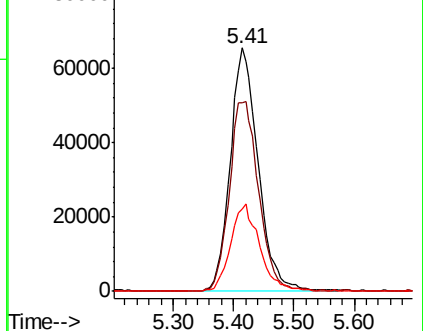
51 37.6 29.8 44.8



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: 277.336 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065935.D

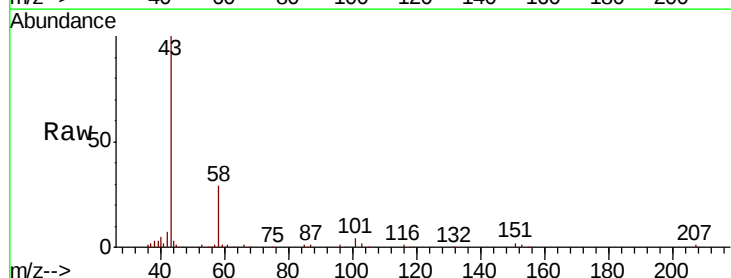
Acq: 08 Jul 2020 11:47

Tgt Ion: 43 Resp: 248480

Ion Ratio Lower Upper

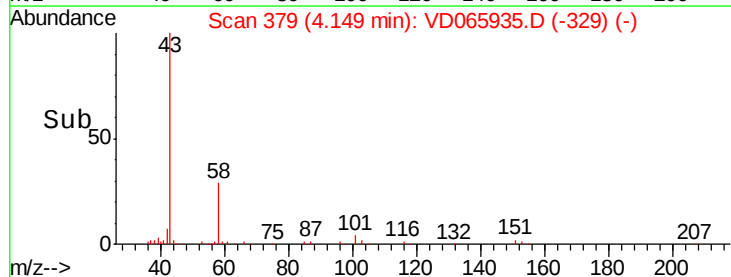
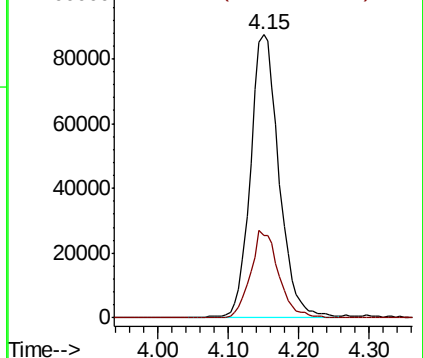
43 100

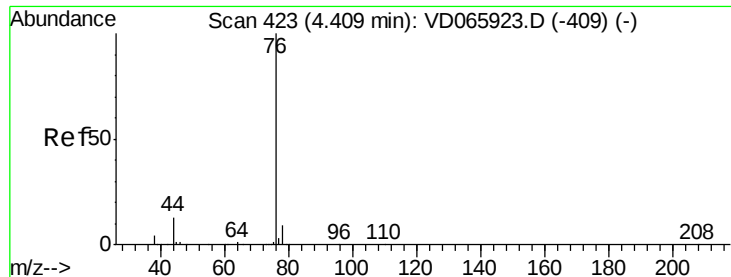
58 29.2 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

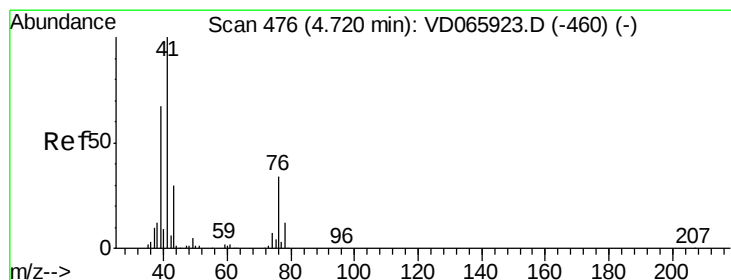
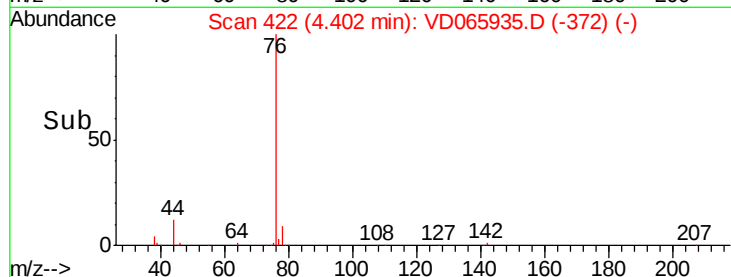
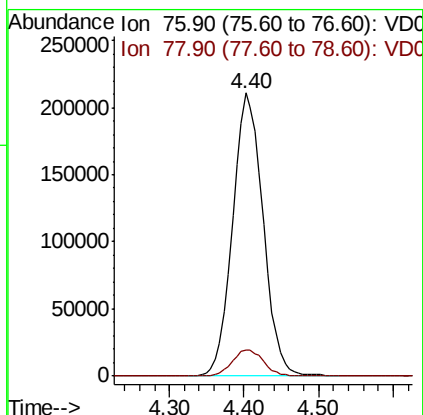
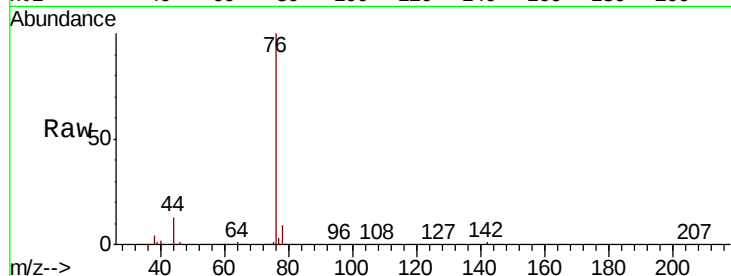




#17
Carbon Disulfide
Concen: 44.885 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

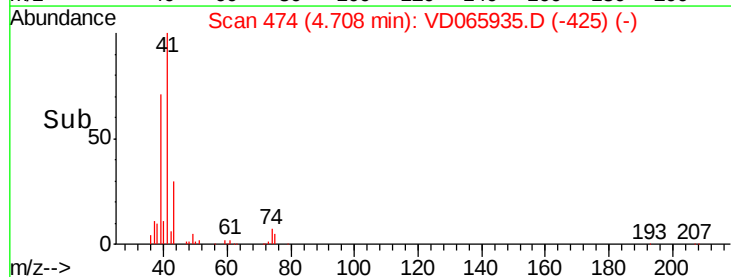
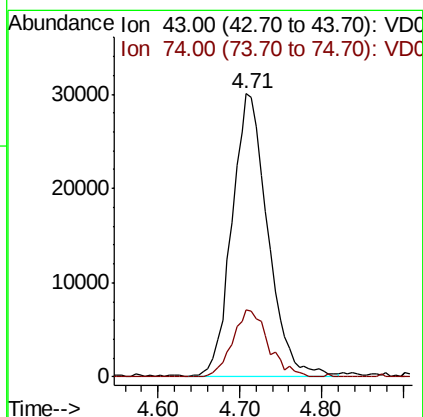
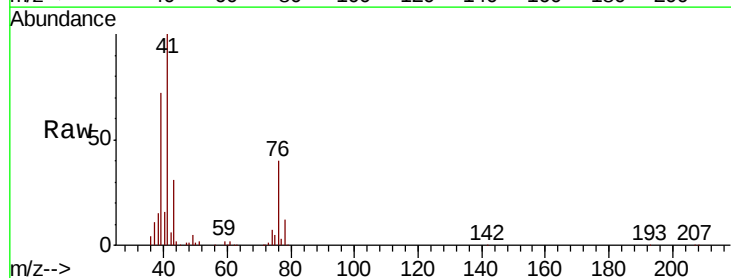
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

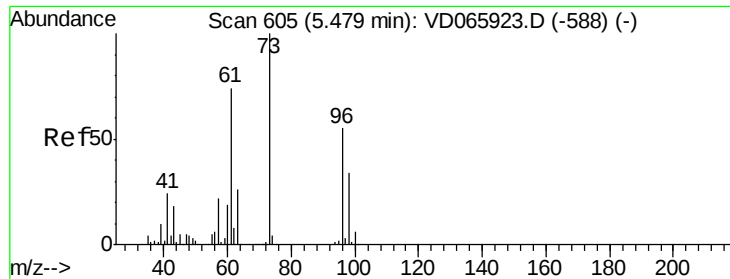
Tot Ion: 76 Resp: 597906
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 43.734 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion: 43 Resp: 91849
Ion Ratio Lower Upper
43 100
74 23.6 17.8 26.8

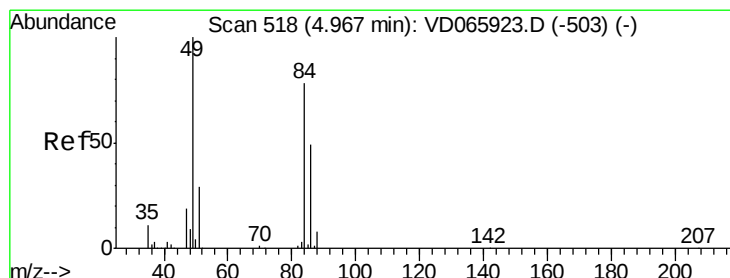
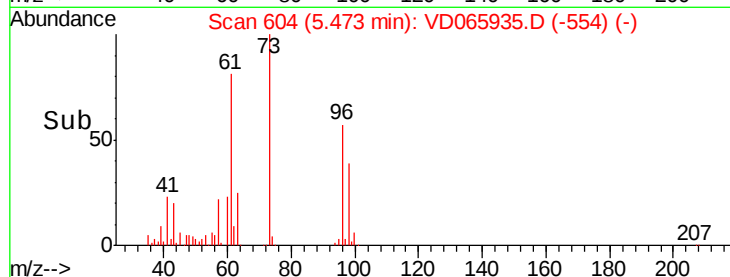
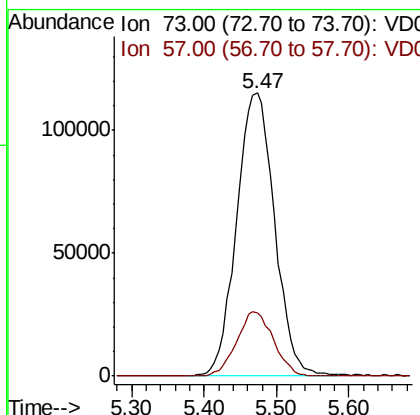
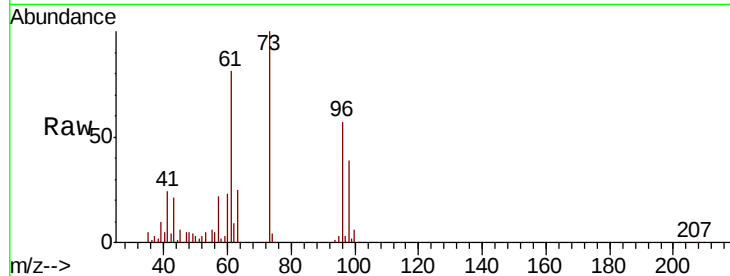




#19
Methvl tert-butvl Ether
Concen: 47.474 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

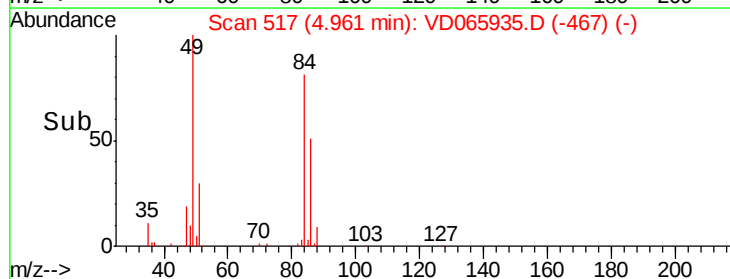
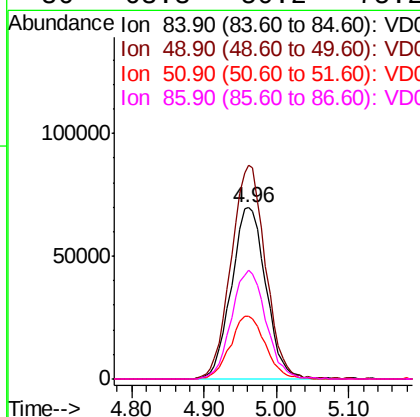
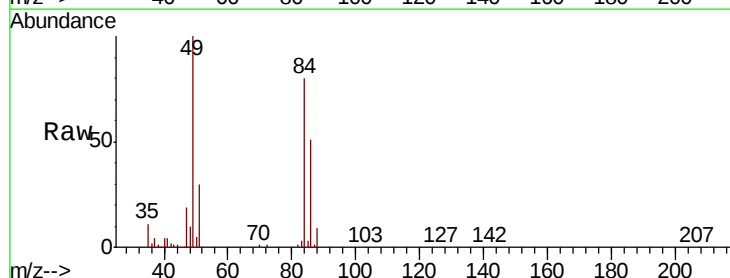
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

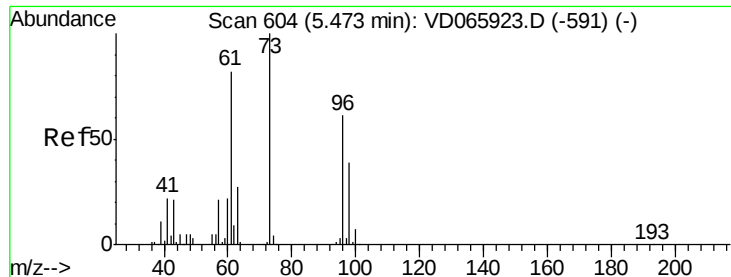
Tot Ion: 73 Resp: 420191
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 45.909 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion: 84 Resp: 230052
Ion Ratio Lower Upper
84 100
49 124.8 102.2 153.2
51 37.0 29.8 44.6
86 63.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 45.728 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

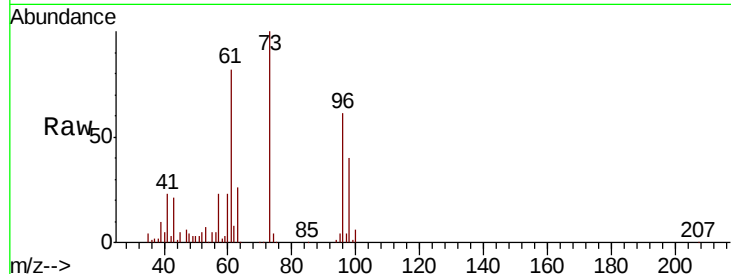
Tot Ion: 96 Resp: 215089

Ion Ratio Lower Upper

96 100

61 135.5 106.6 160.0

98 66.3 51.0 76.6

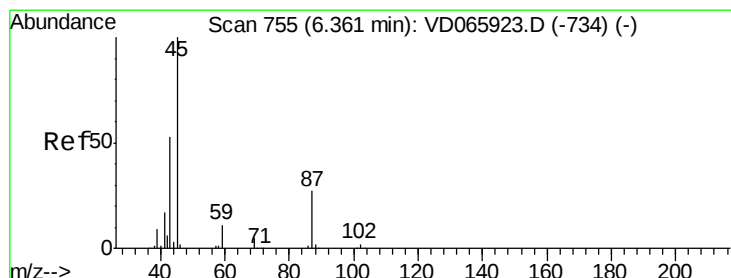
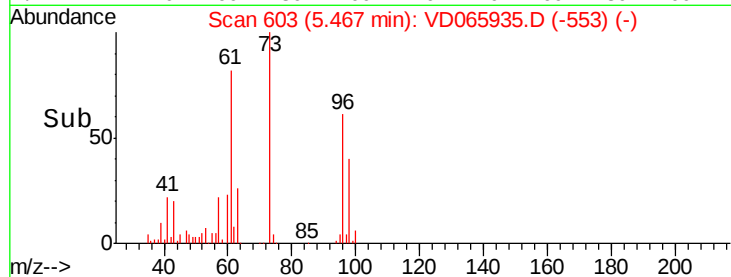
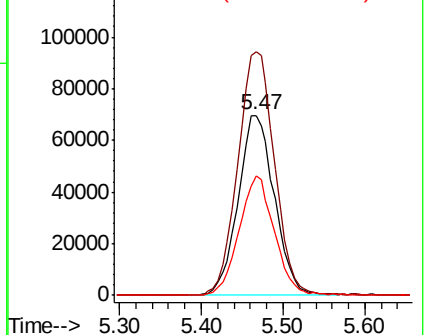


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 46.547 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Tgt Ion: 45 Resp: 619742

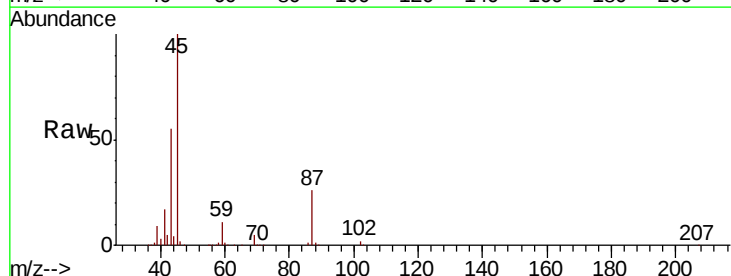
Ion Ratio Lower Upper

45 100

43 53.9 42.5 63.7

87 25.9 22.2 33.2

59 11.1 8.9 13.3



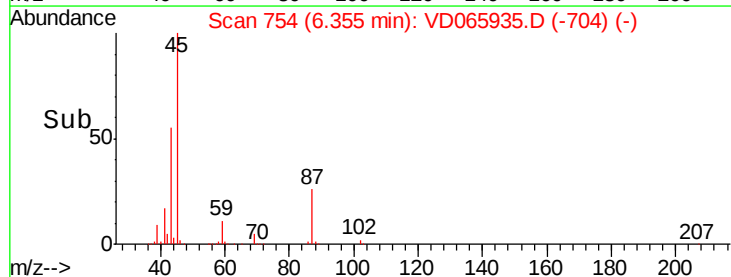
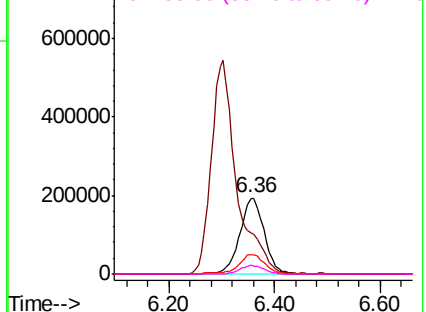
Abundance

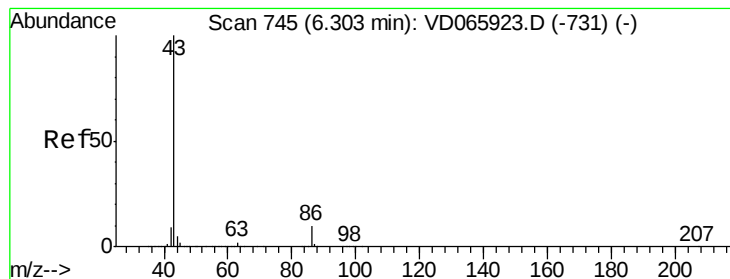
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 238.893 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

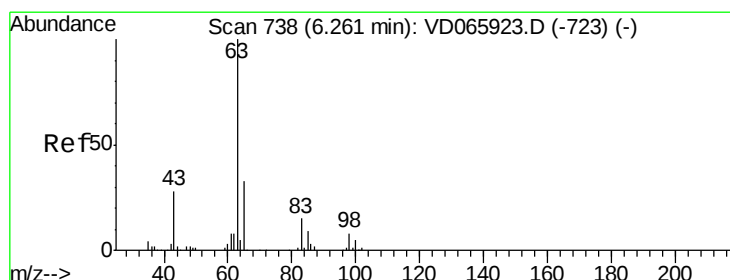
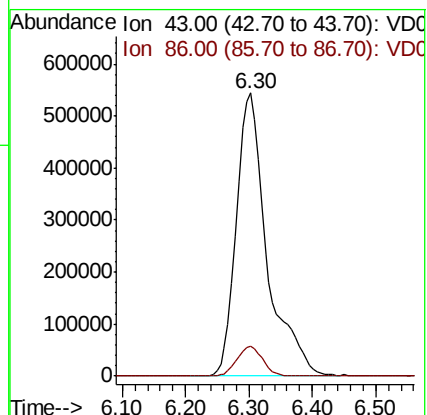
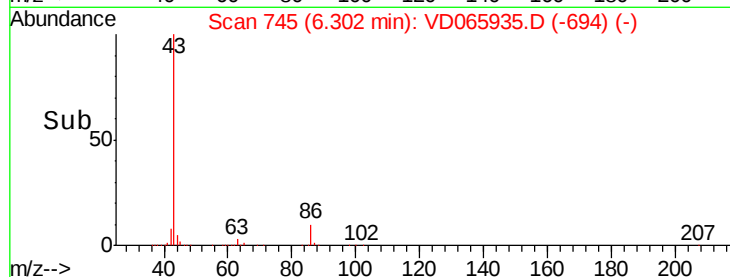
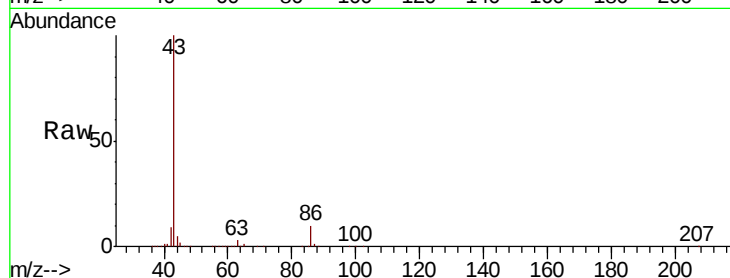
VSTDCCC050

Tot Ion: 43 Resp: 1815510

Ion Ratio Lower Upper

43 100

86 10.5 8.1 12.1



#24

1,1-Dichloroethane

Concen: 45.598 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

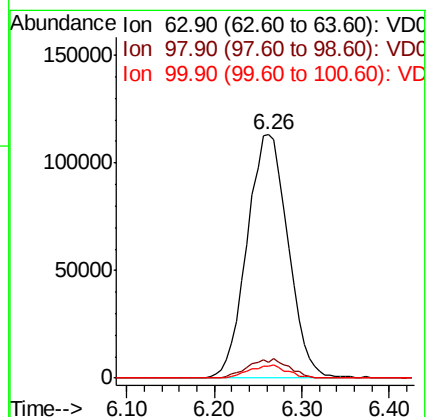
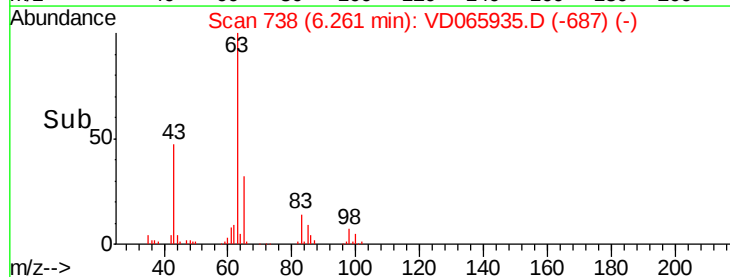
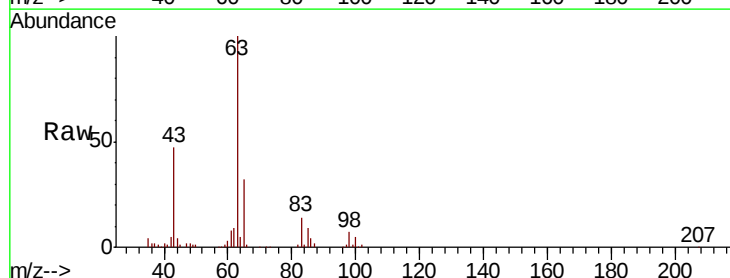
Tgt Ion: 63 Resp: 362006

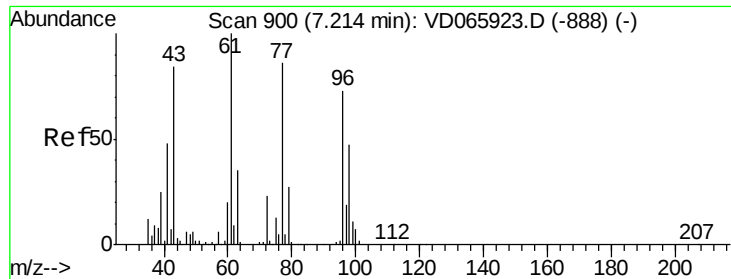
Ion Ratio Lower Upper

63 100

98 6.5 3.8 11.4

100 5.1 2.5 7.5

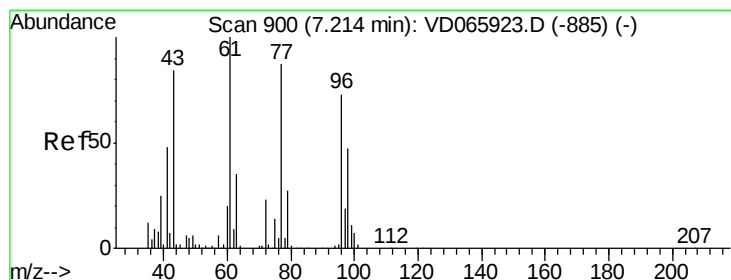
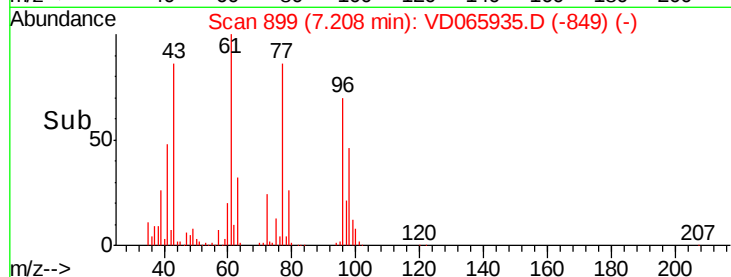
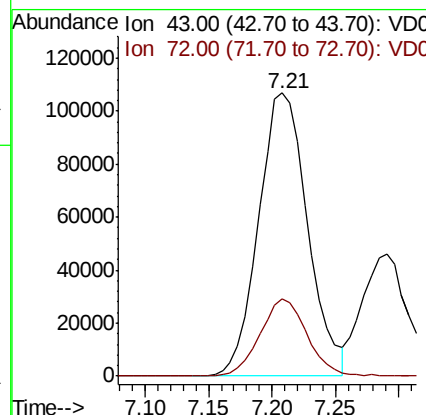
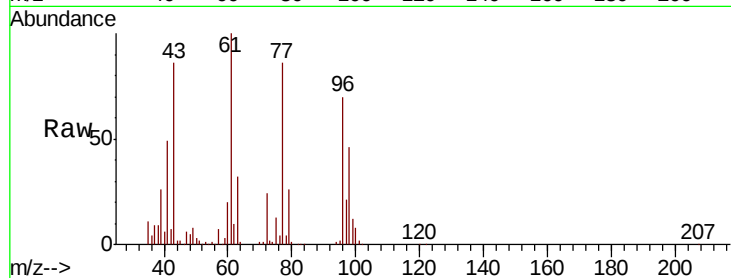




#25
2-Butanone
Concen: 243.044 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

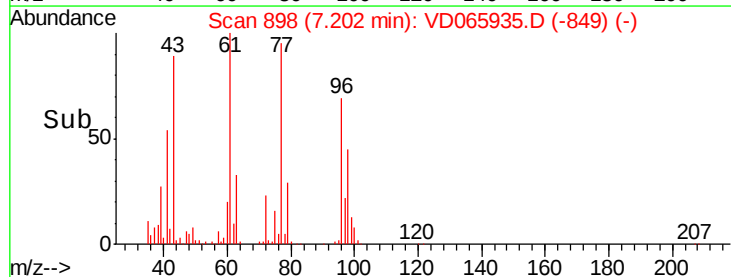
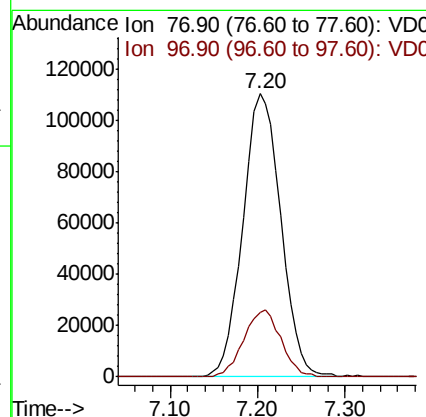
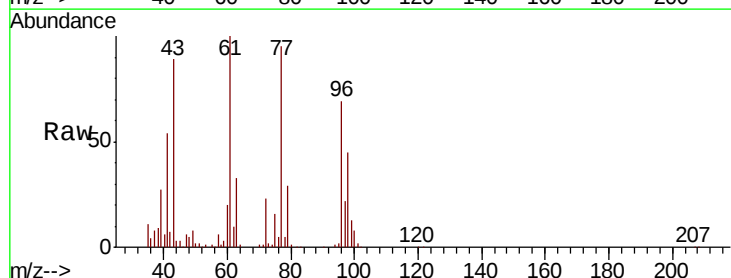
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

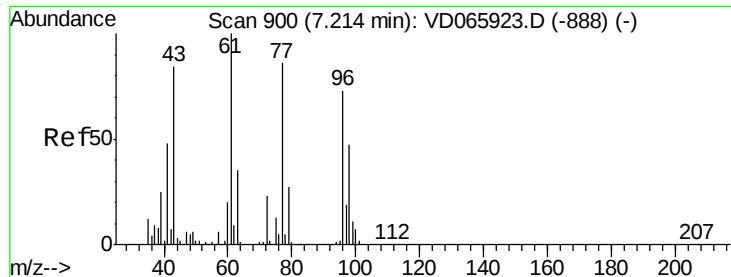
Tot Ion: 43 Resp: 287744
Ion Ratio Lower Upper
43 100
72 27.4 22.1 33.1



#26
2,2-Dichloropropane
Concen: 46.970 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion: 77 Resp: 326223
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.8



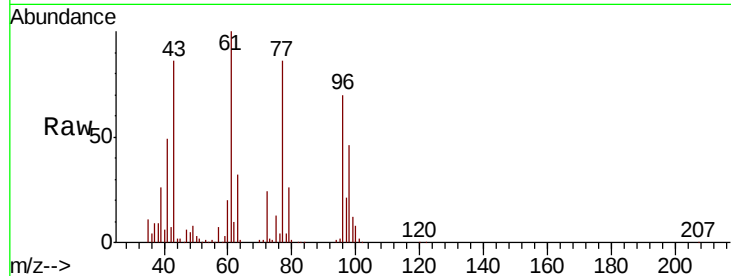


#27

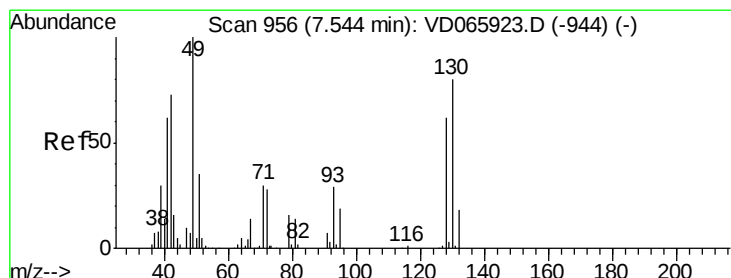
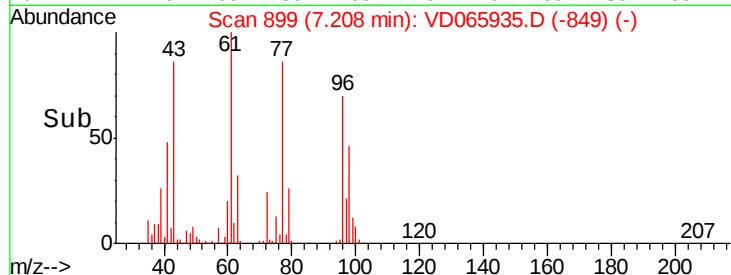
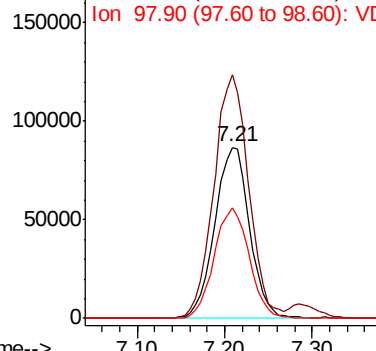
cis-1,2-Dichloroethene
Concen: 46.328 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 234137
Ion Ratio Lower Upper
96 100
61 142.4 0.0 286.6
98 65.4 0.0 128.2



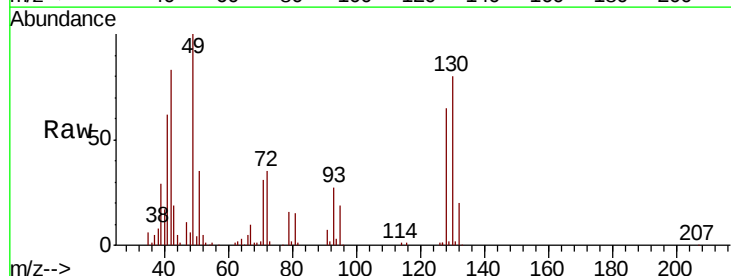
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



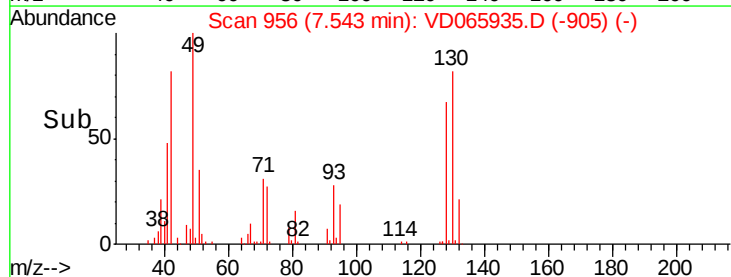
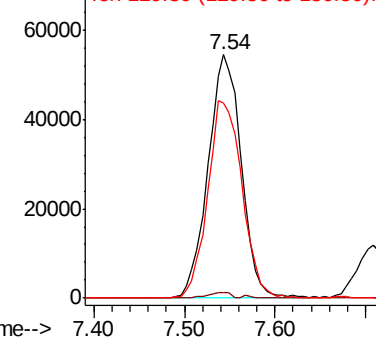
#28

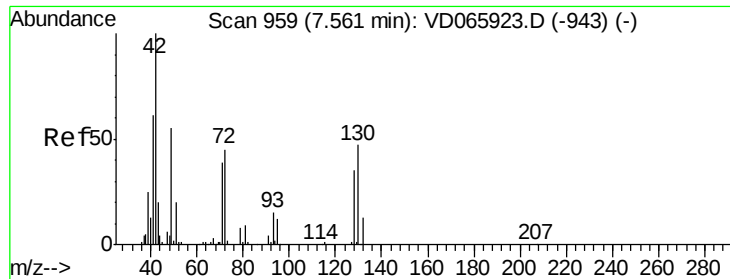
Bromochloromethane
Concen: 46.239 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion: 49 Resp: 138677
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.8
130 83.9 65.8 98.8



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

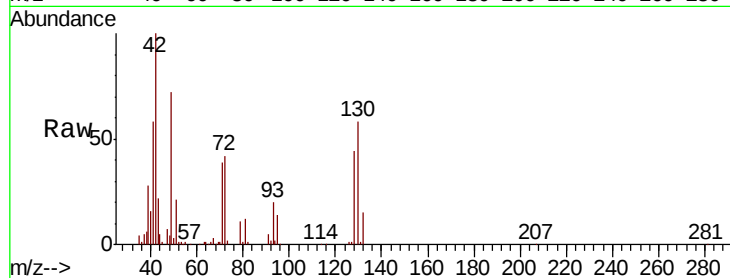




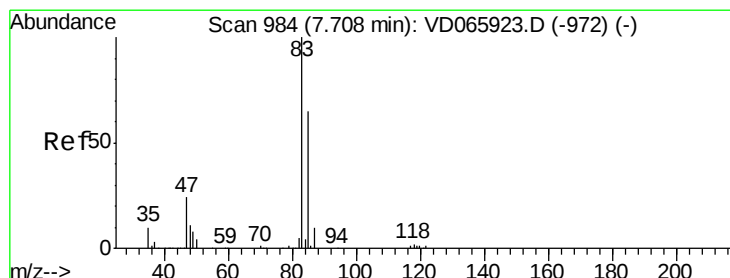
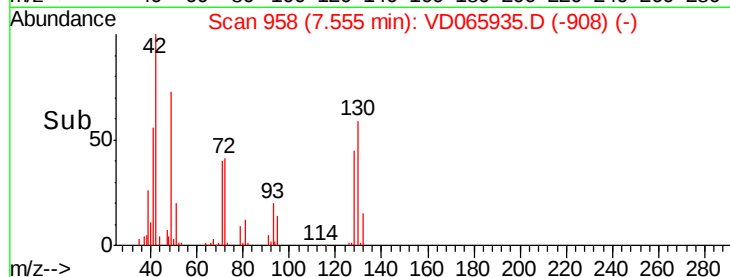
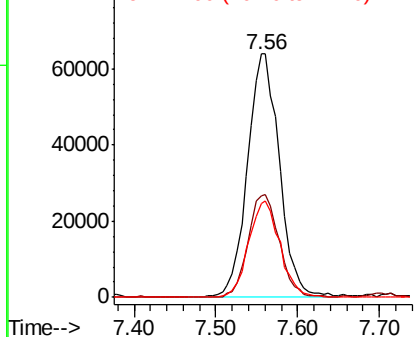
#29
Tetrahydrofuran
Concen: 231.912 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 174590
Ion Ratio Lower Upper
42 100
72 41.0 32.8 49.2
71 38.6 31.0 46.4

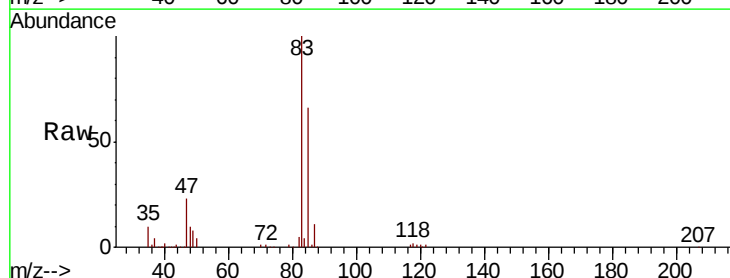


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

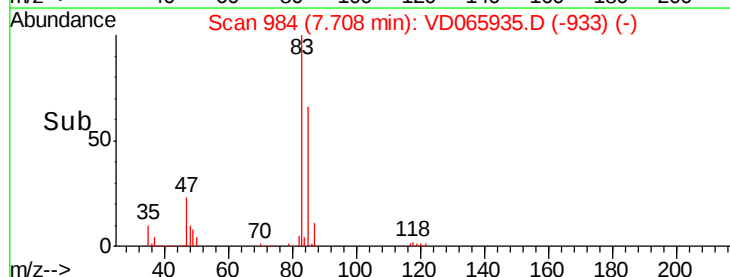
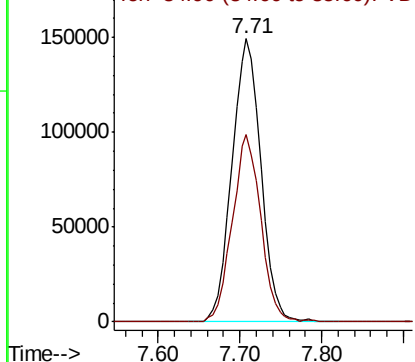


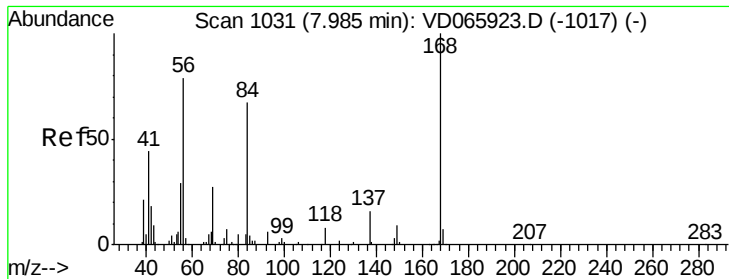
#30
Chloroform
Concen: 45.728 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion: 83 Resp: 368045
Ion Ratio Lower Upper
83 100
85 66.3 51.6 77.4



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

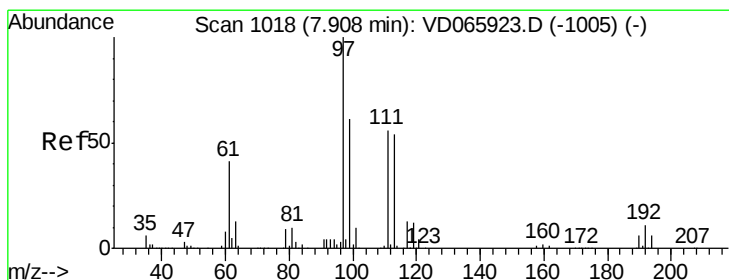
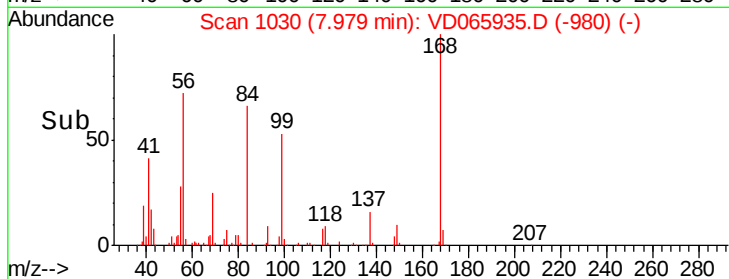
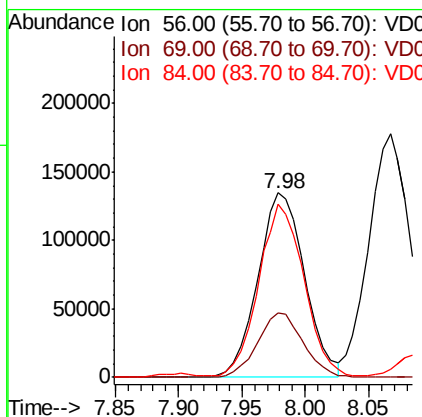
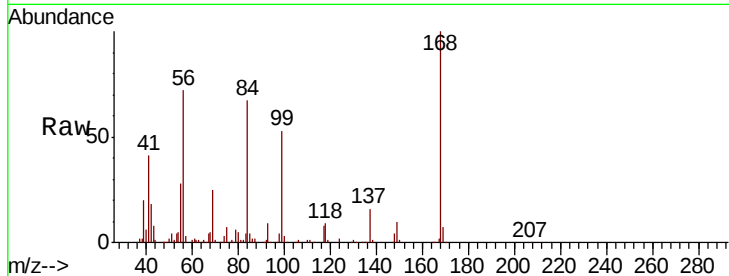




#31
Cyclohexane
Concen: 44.270 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

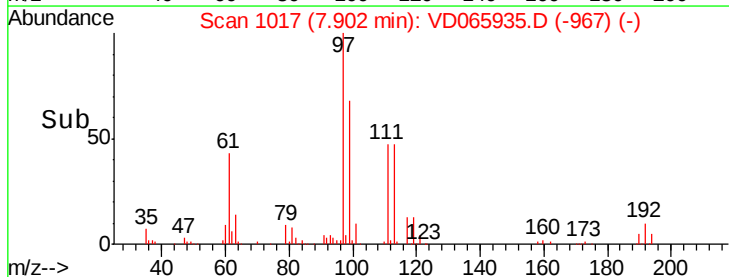
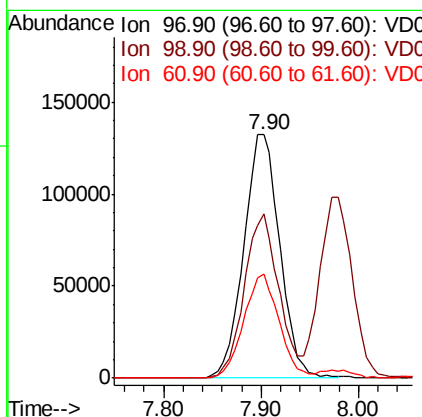
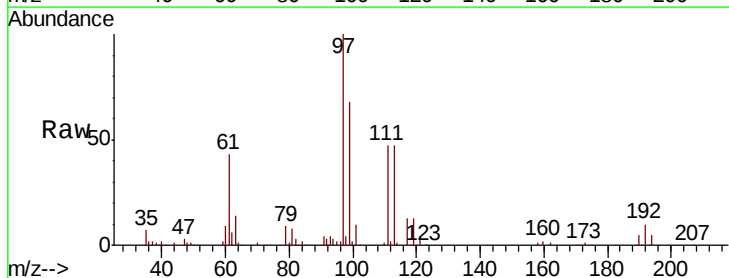
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

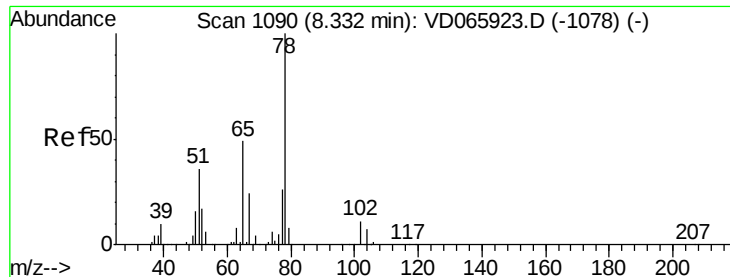
Tot Ion: 56 Resp: 345809
Ion Ratio Lower Upper
56 100
69 35.0 27.4 41.0
84 91.9 68.6 102.8



#32
1,1,1-Trichloroethane
Concen: 46.563 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion: 97 Resp: 342002
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 42.2 33.6 50.4

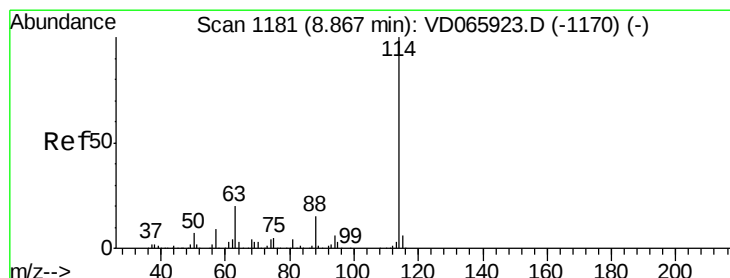
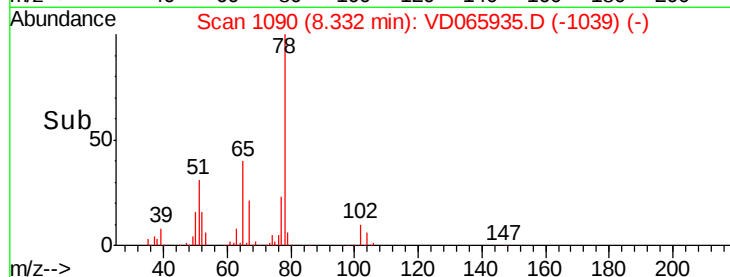
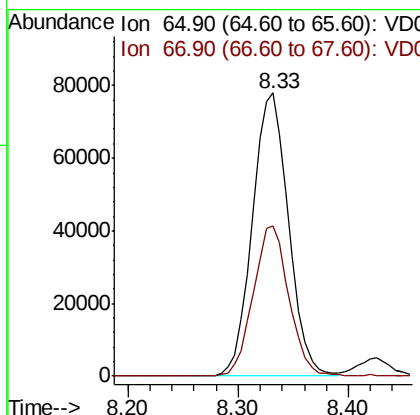
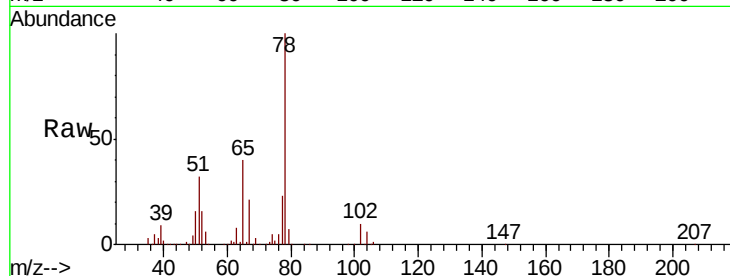




#33
 1,2-Dichloroethane-d4
 Concen: 46.812 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

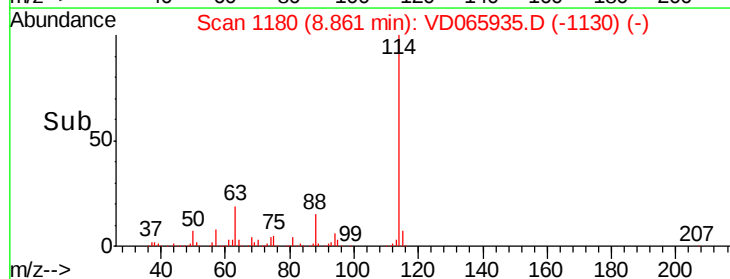
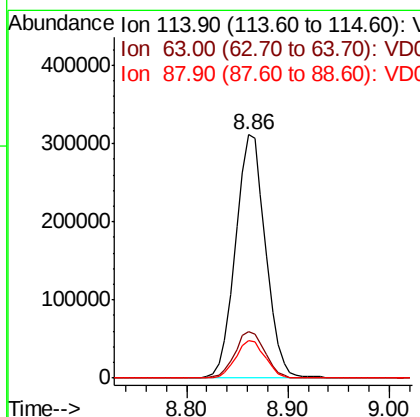
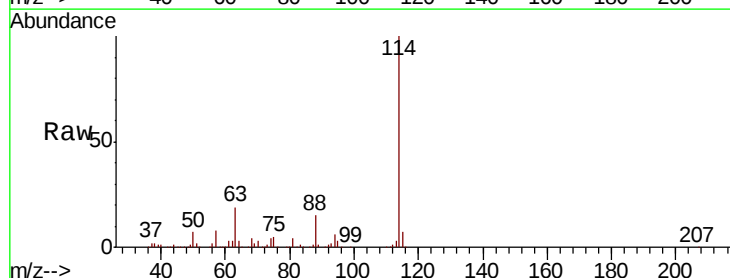
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

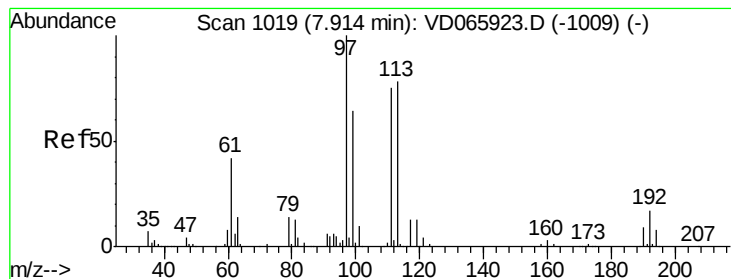
Tot Ion: 65 Resp: 178961
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion: 114 Resp: 640314
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.193 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

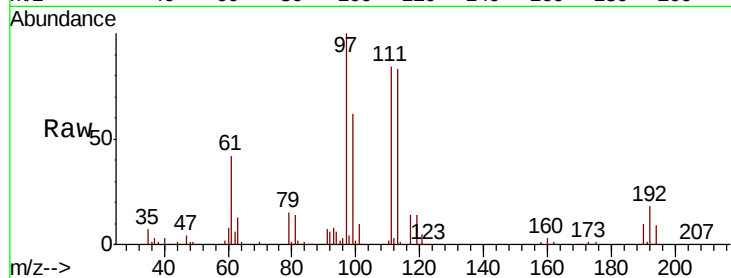
Tot Ion:113 Resp: 190362

Ion Ratio Lower Upper

113 100

111 101.9 80.9 121.3

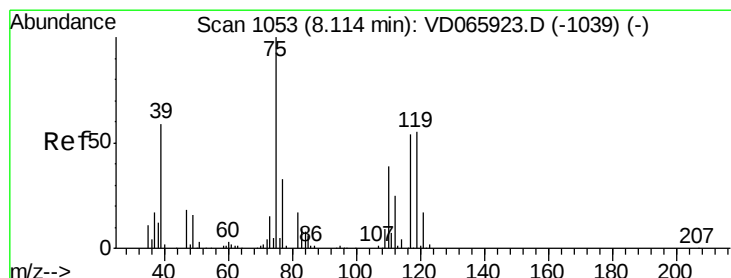
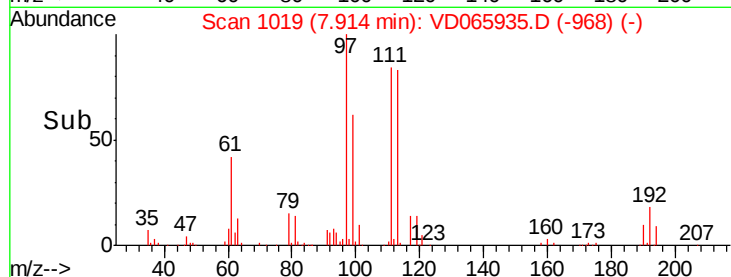
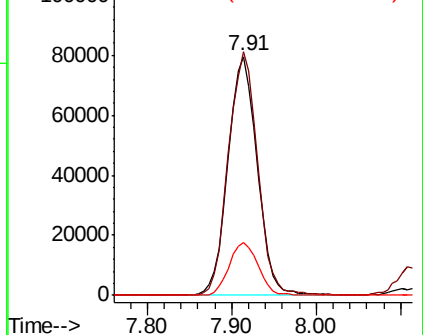
192 21.9 17.1 25.7



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: 47.670 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

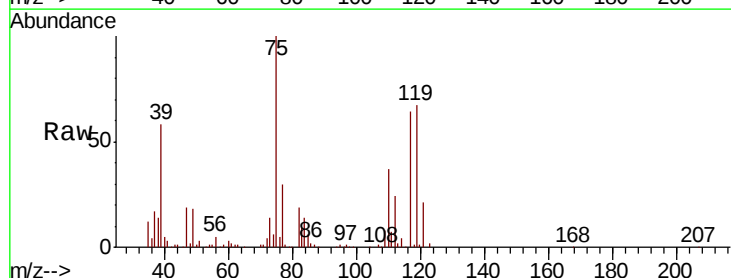
Tgt Ion: 75 Resp: 301465

Ion Ratio Lower Upper

75 100

110 36.2 18.5 55.5

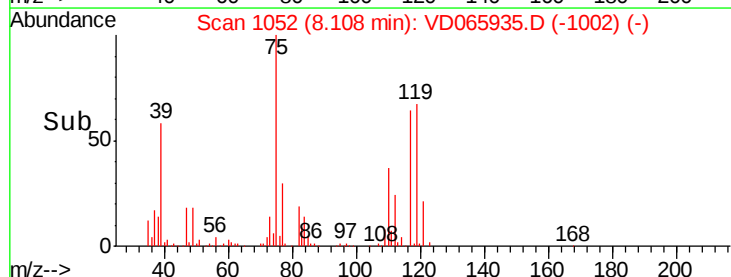
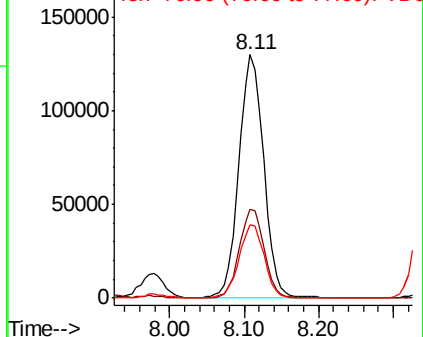
77 30.5 25.6 38.4

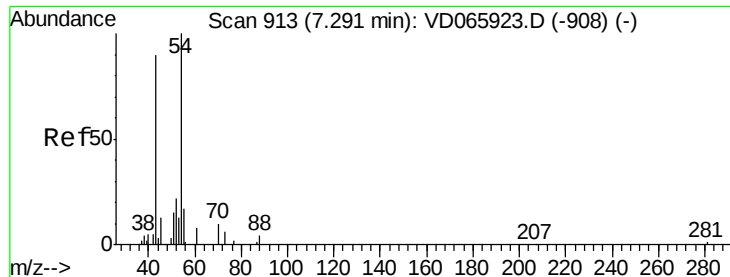


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

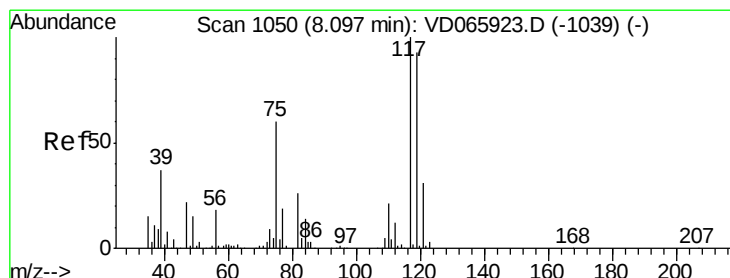
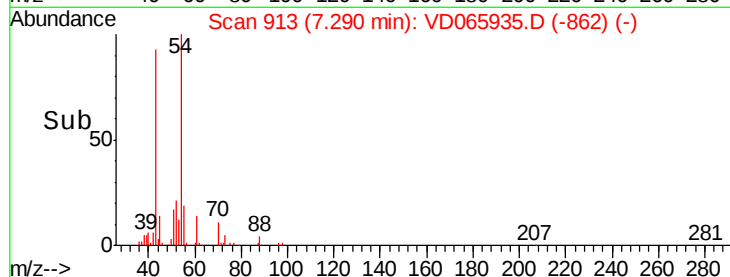
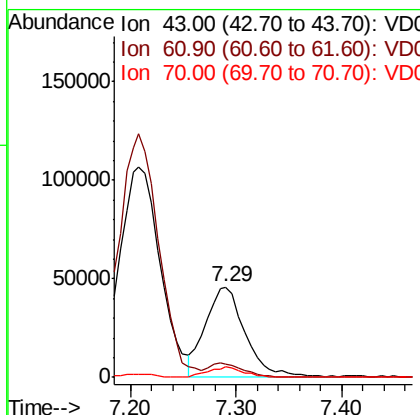
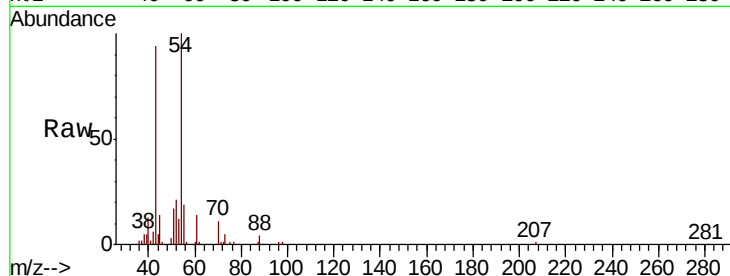




#37
Ethyl Acetate
Concen: 44.413 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

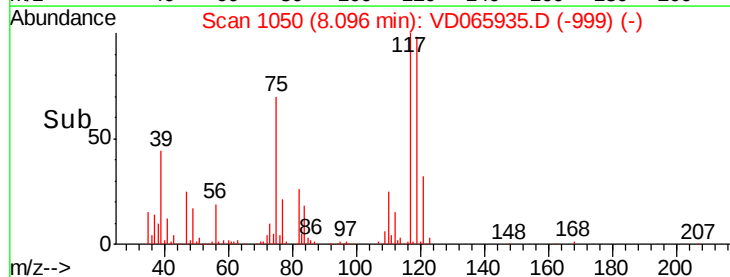
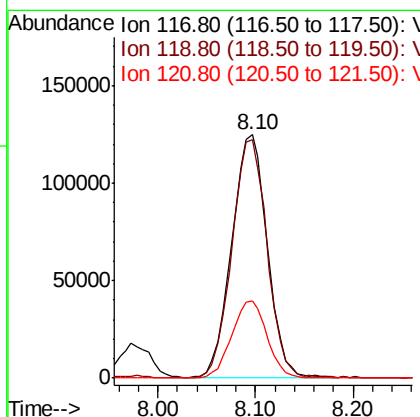
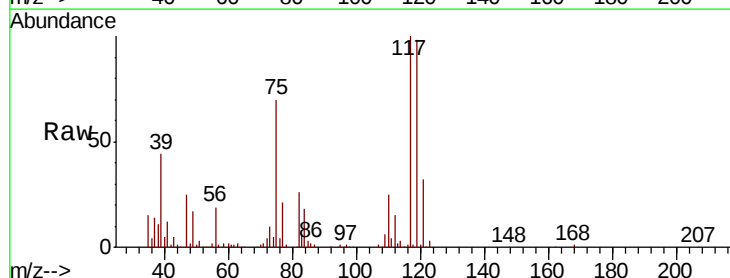
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

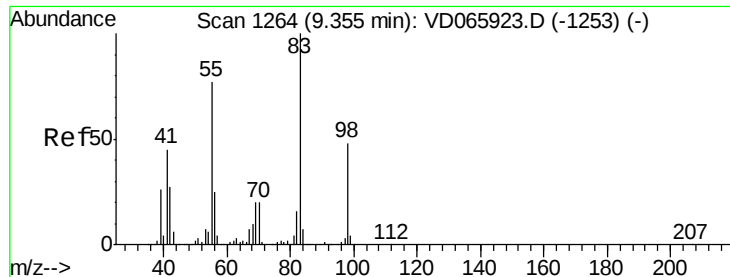
Tot Ion: 43 Resp: 117684
Ion Ratio Lower Upper
43 100
61 13.6 9.4 14.0
70 10.6 8.3 12.5



#38
Carbon Tetrachloride
Concen: 46.534 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion: 117 Resp: 315423
Ion Ratio Lower Upper
117 100
119 98.1 74.7 112.1
121 31.9 24.9 37.3

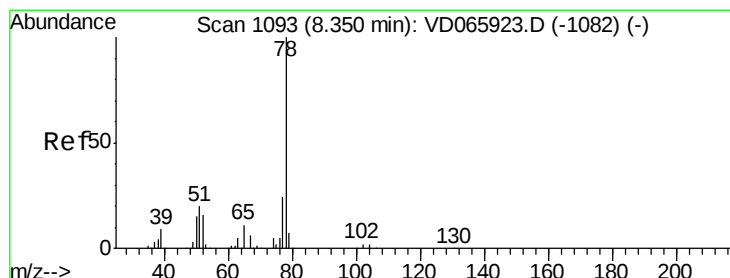
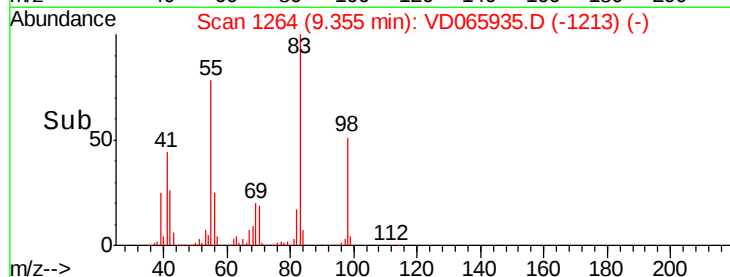
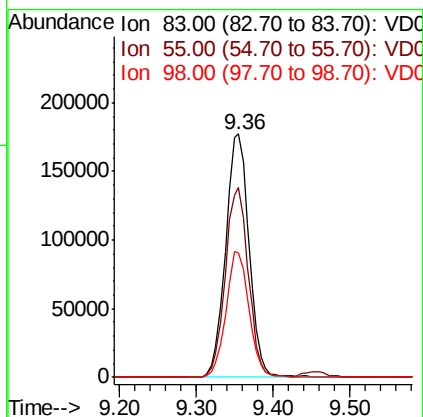
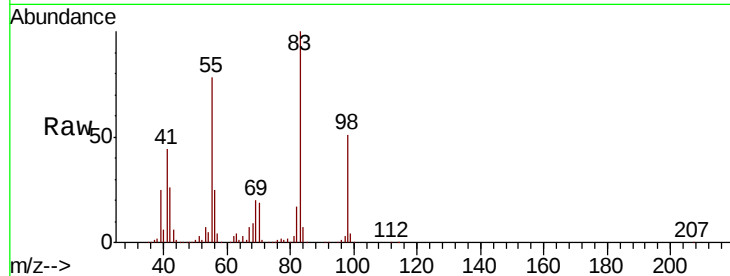




#39
Methvlcvclohexane
Concen: 48.594 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

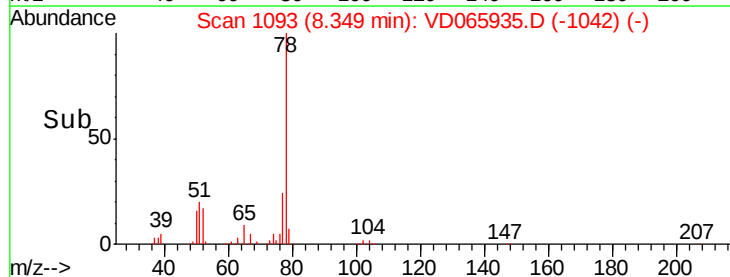
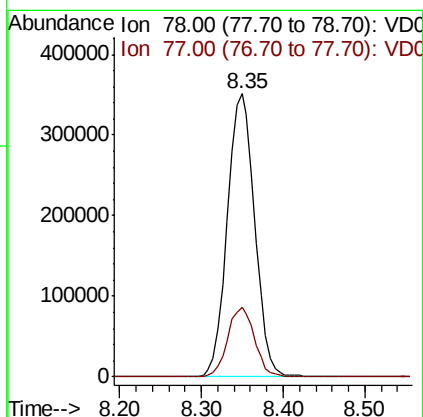
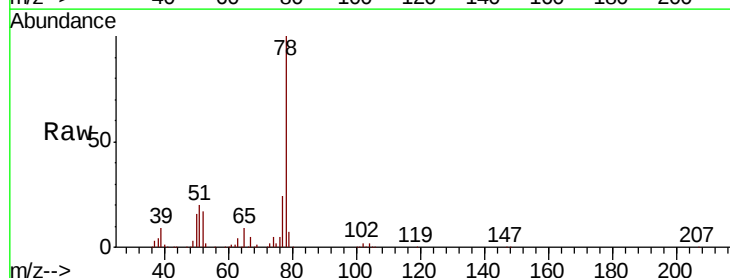
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

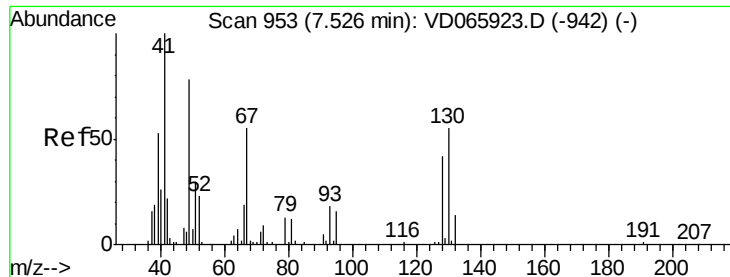
Tot Ion: 83 Resp: 377285
Ion Ratio Lower Upper
83 100
55 78.2 61.7 92.5
98 51.1 38.6 58.0



#40
Benzene
Concen: 46.942 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion: 78 Resp: 820115
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0

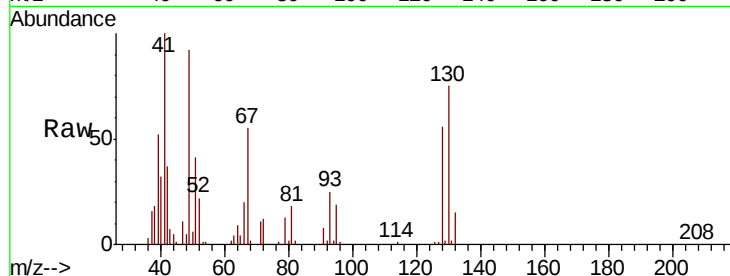




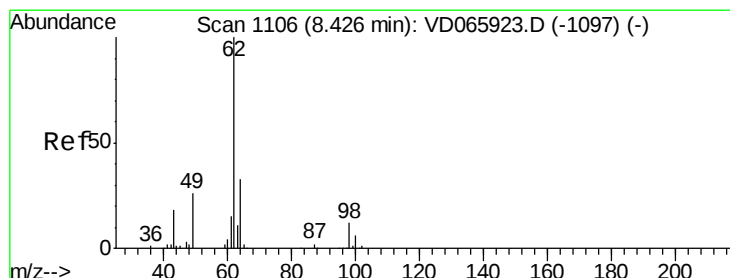
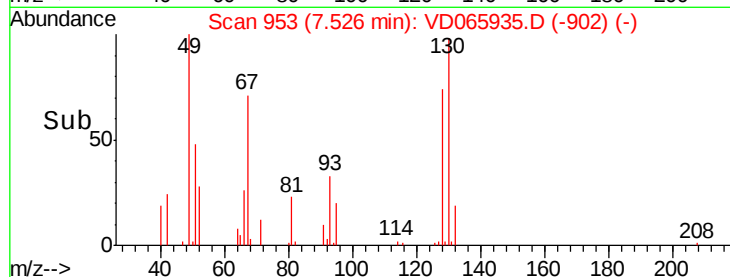
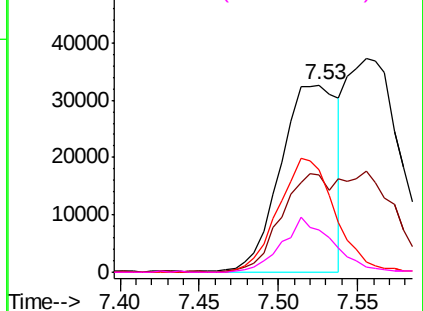
#41
Methacrylonitrile
Concen: 53.244 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	81912
Ion	Ratio	Lower	Upper
41	100		
39	43.9	42.4	63.6
67	60.3	53.6	80.4
52	26.0	22.2	33.2

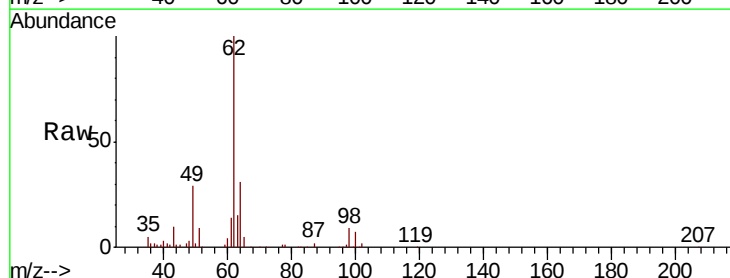


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

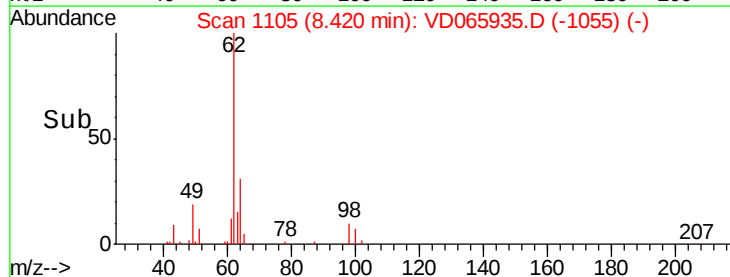
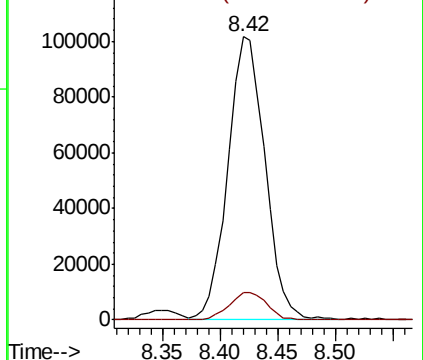


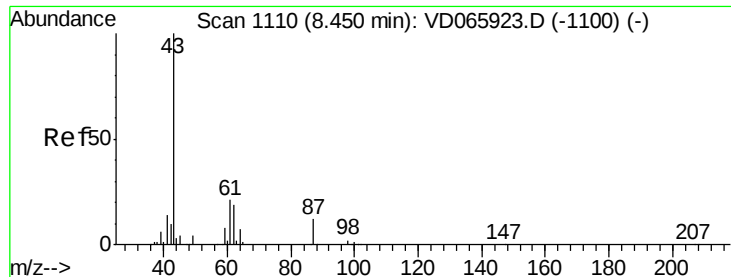
#42
1,2-Dichloroethane
Concen: 45.677 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion:	62	Resp:	226072
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0



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





#43

Isopropyl Acetate

Concen: 47.547 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

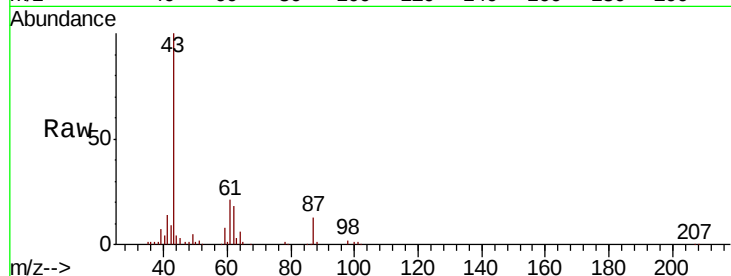
Tot Ion: 43 Resp: 234508

Ion Ratio Lower Upper

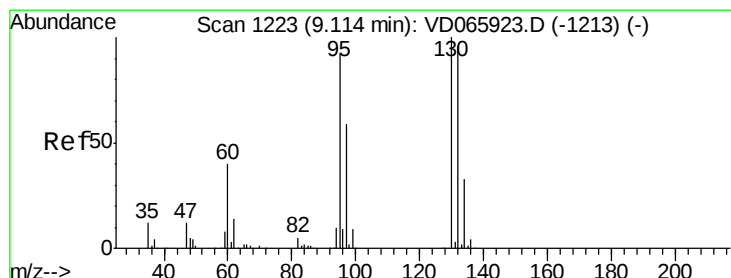
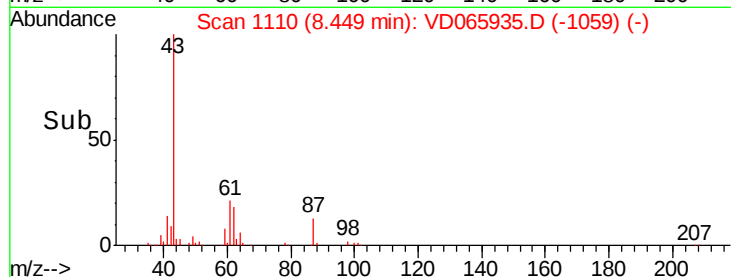
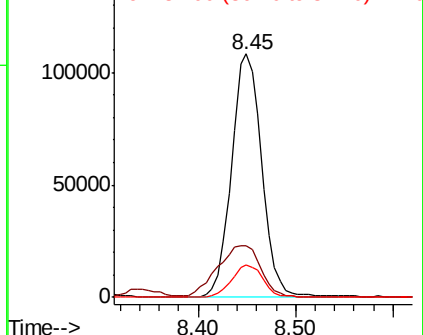
43 100

61 30.6 23.2 34.8

87 13.7 10.0 15.0



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: 46.969 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065935.D

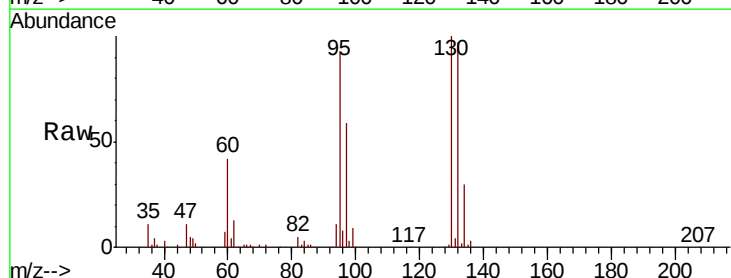
Acq: 08 Jul 2020 11:47

Tgt Ion: 130 Resp: 241106

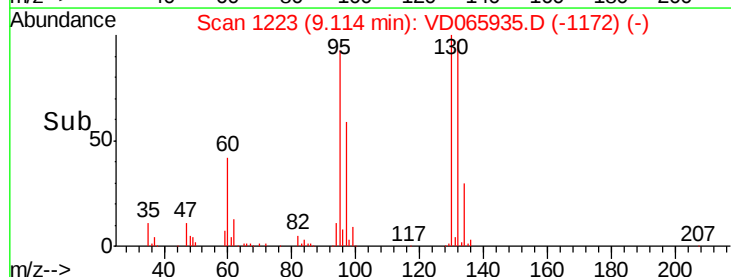
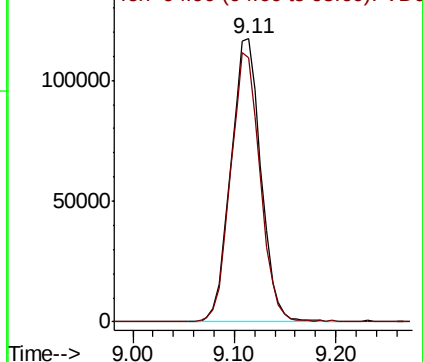
Ion Ratio Lower Upper

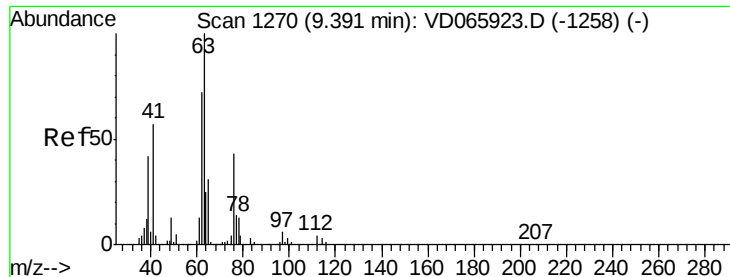
130 100

95 93.3 0.0 184.6



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





#45

1,2-Dichloropropane

Concen: 46.514 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

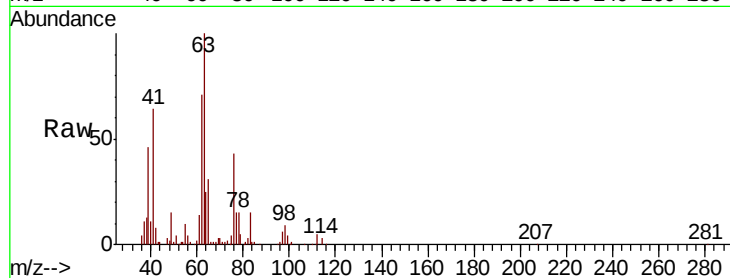
VSTDCCC050

Tot Ion: 63 Resp: 201695

Ion Ratio Lower Upper

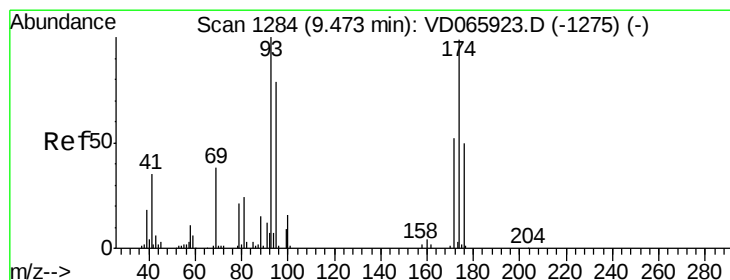
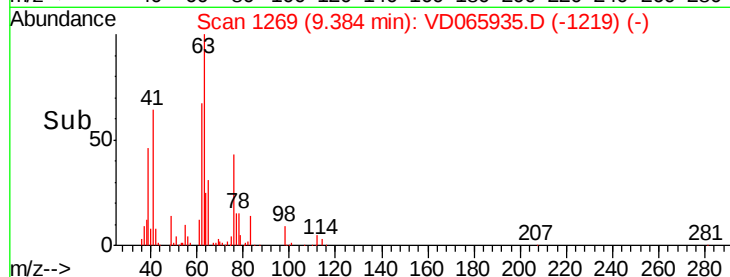
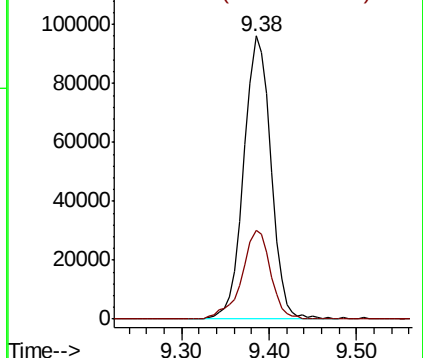
63 100

65 31.2 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 46.760 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

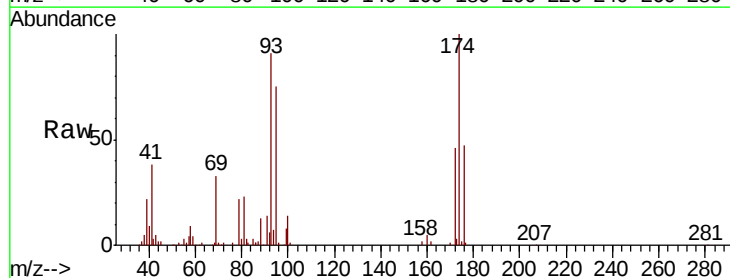
Tgt Ion: 93 Resp: 105564

Ion Ratio Lower Upper

93 100

95 83.6 68.2 102.2

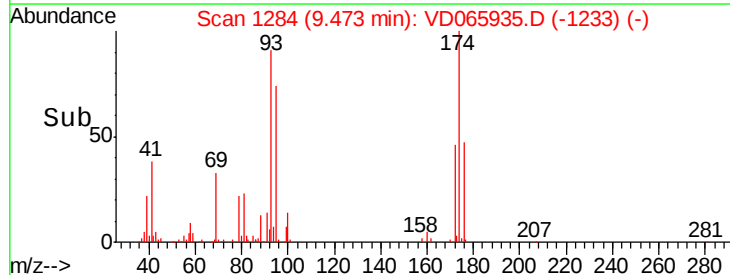
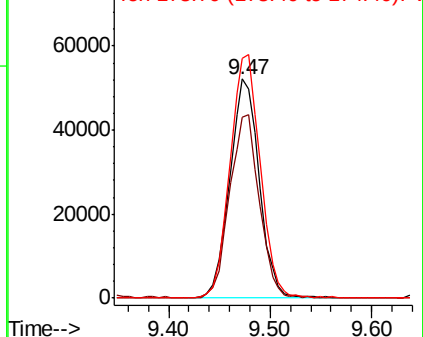
174 113.1 88.0 132.0

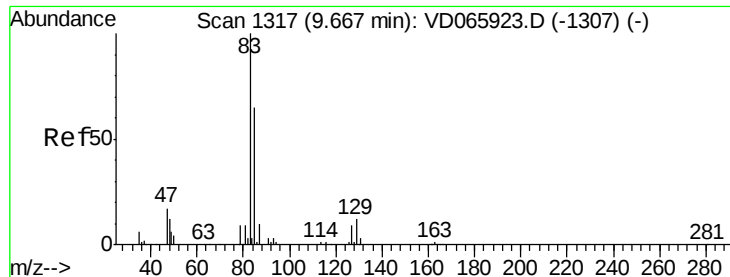


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.355 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

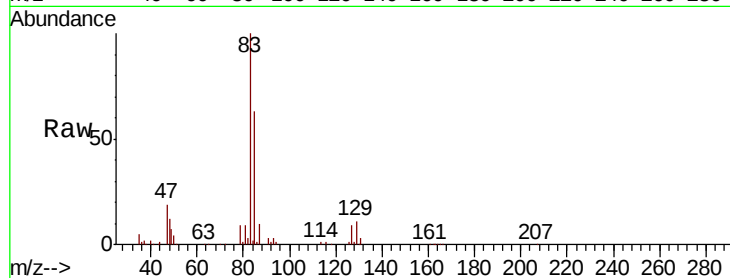
Tot Ion: 83 Resp: 280712

Ion Ratio Lower Upper

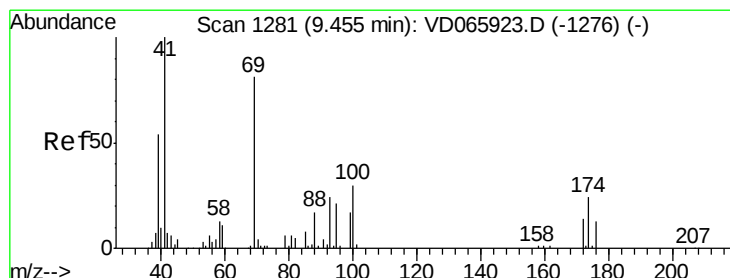
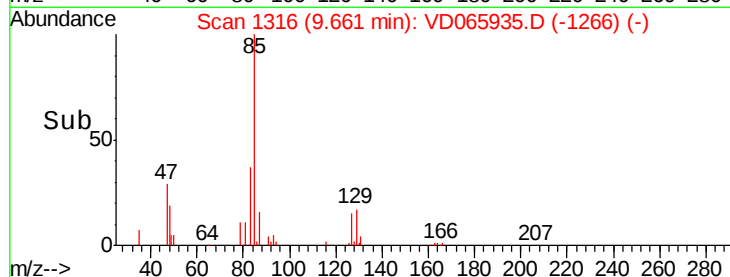
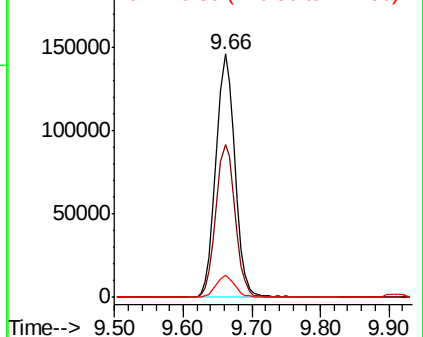
83 100

85 62.7 51.6 77.4

127 9.1 7.2 10.8



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): V



#48

Methyl methacrylate

Concen: 48.598 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

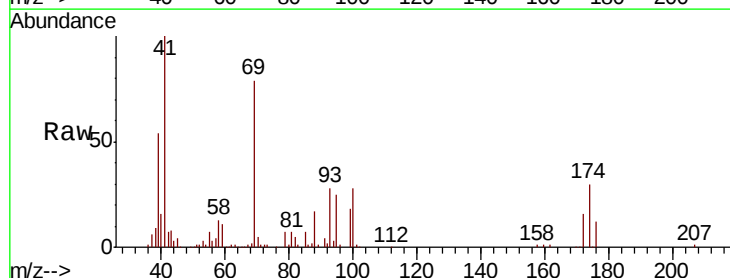
Tgt Ion: 41 Resp: 120667

Ion Ratio Lower Upper

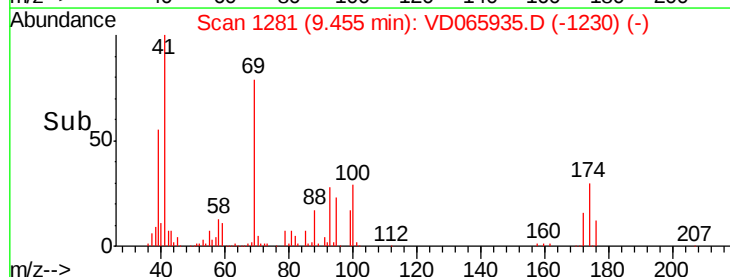
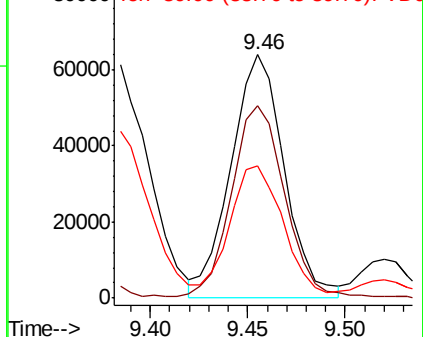
41 100

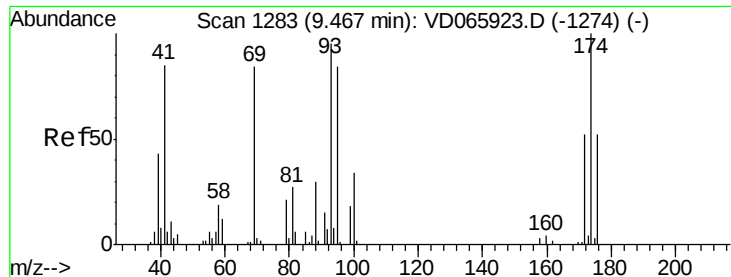
69 80.0 62.2 93.4

39 51.2 39.9 59.9



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: 957.382 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

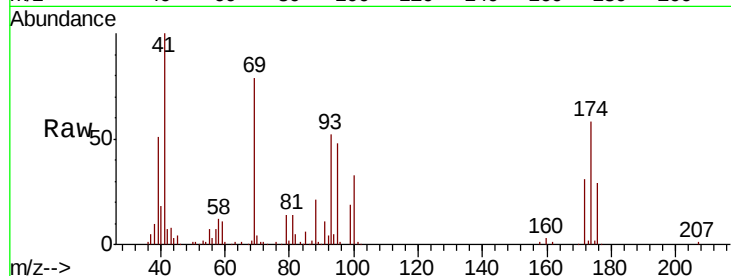
Tot Ion: 88 Resp: 25681

Ion Ratio Lower Upper

88 100

43 35.8 28.2 42.4

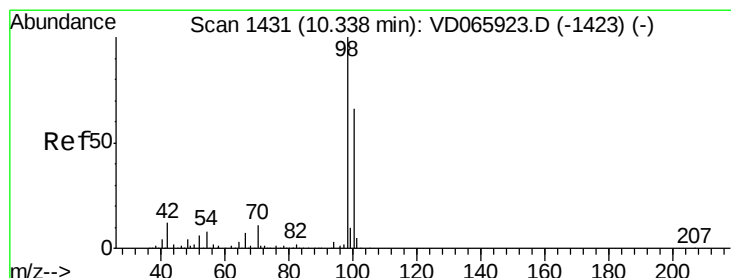
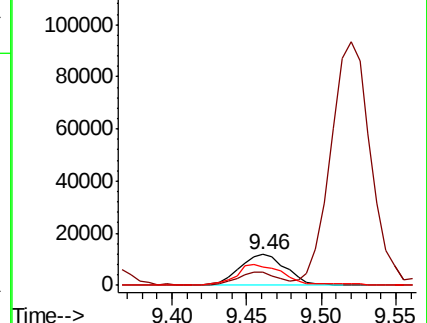
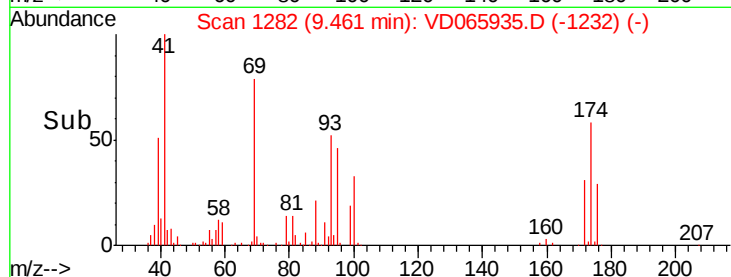
58 68.6 58.6 87.8



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 49.246 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD065935.D

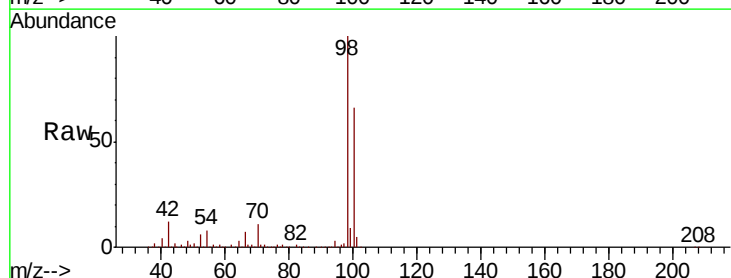
Acq: 08 Jul 2020 11:47

Tgt Ion: 98 Resp: 709739

Ion Ratio Lower Upper

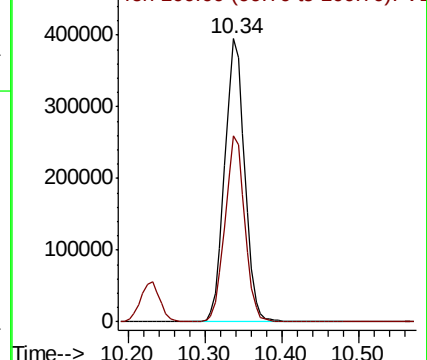
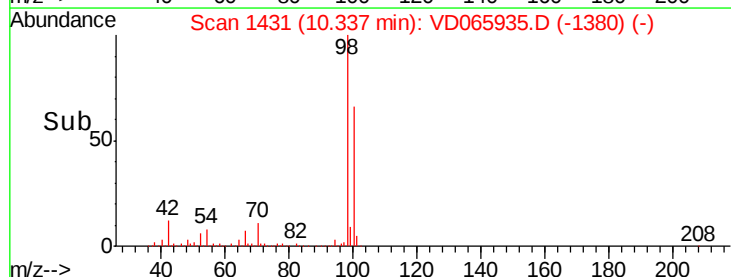
98 100

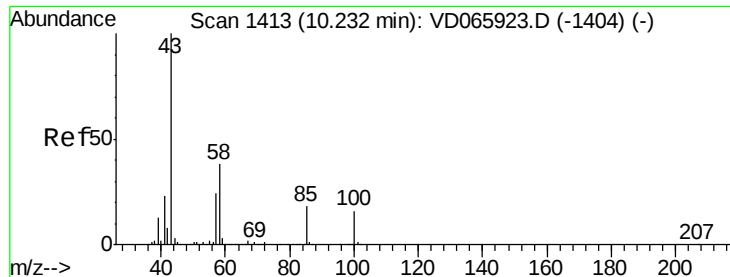
100 65.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 241.526 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

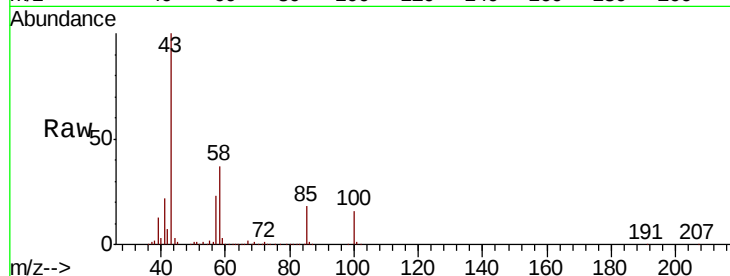
VSTDCCC050

Tot Ion: 43 Resp: 602256

Ion Ratio Lower Upper

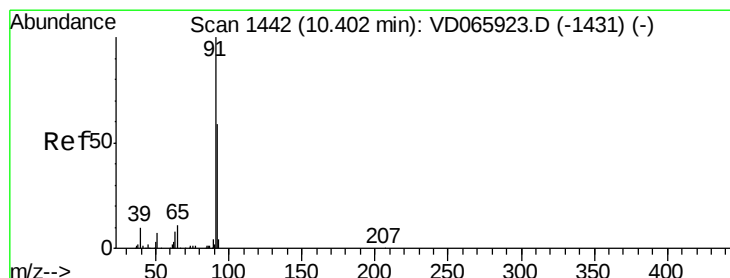
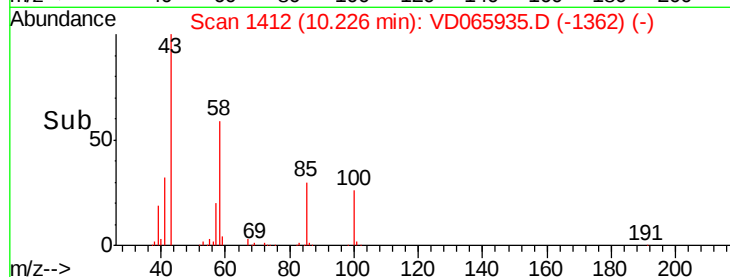
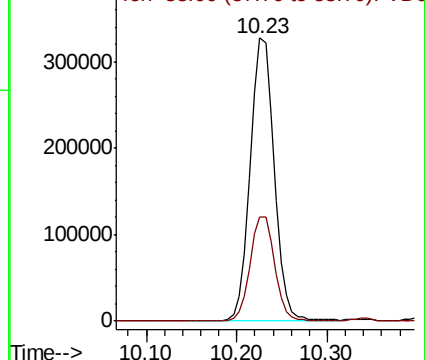
43 100

58 37.6 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 47.415 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD065935.D

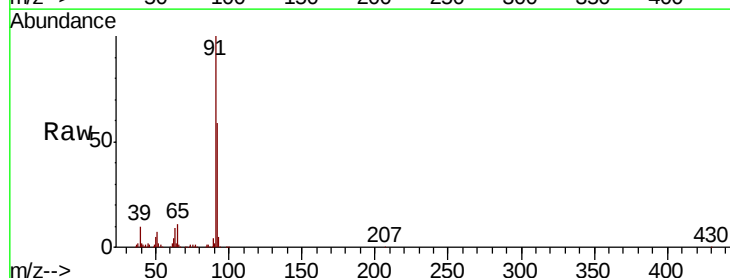
Acq: 08 Jul 2020 11:47

Tgt Ion: 92 Resp: 527017

Ion Ratio Lower Upper

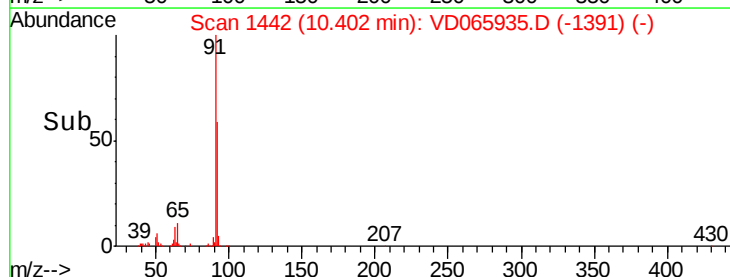
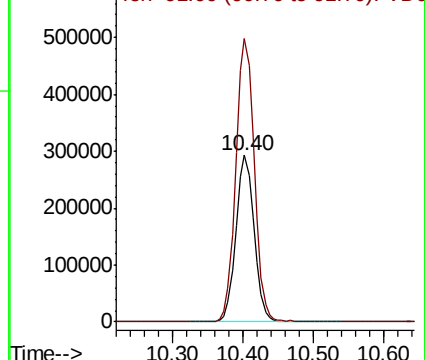
92 100

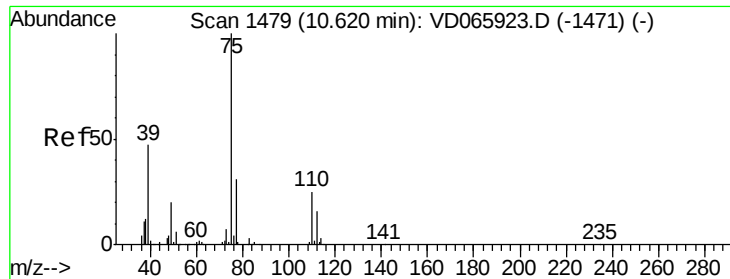
91 172.6 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 47.420 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

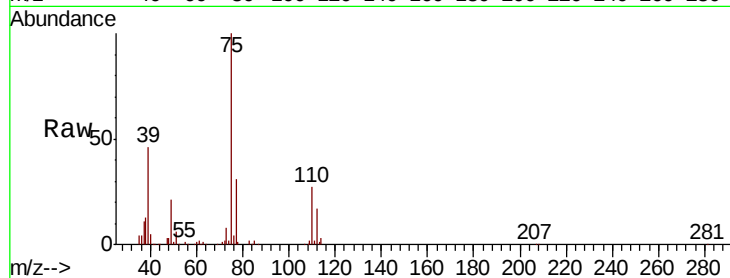
VSTDCCC050

Tot Ion: 75 Resp: 270010

Ion Ratio Lower Upper

75 100

77 30.6 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.62

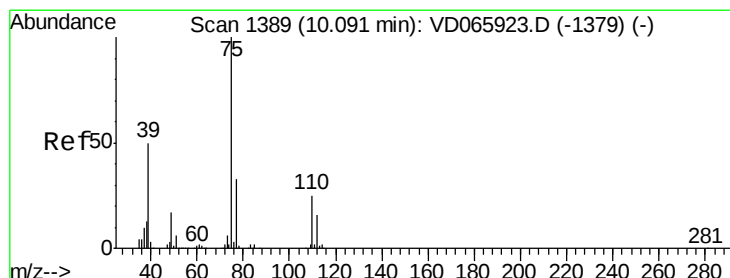
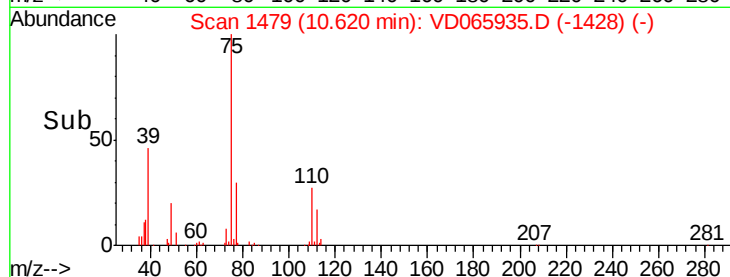
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.396 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

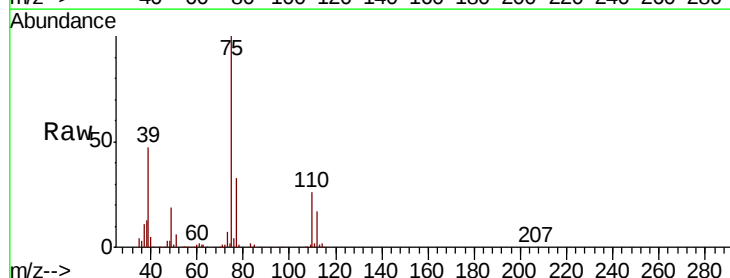
Tgt Ion: 75 Resp: 326102

Ion Ratio Lower Upper

75 100

77 33.5 26.6 39.8

39 46.8 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

10.09

200000

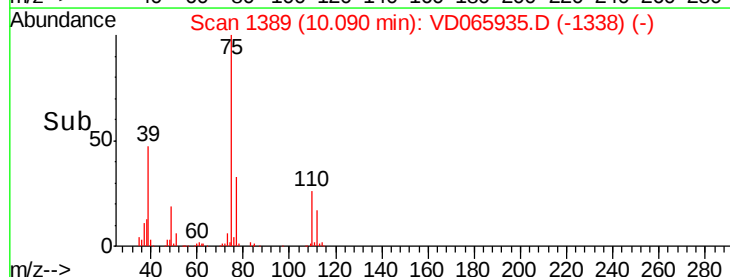
150000

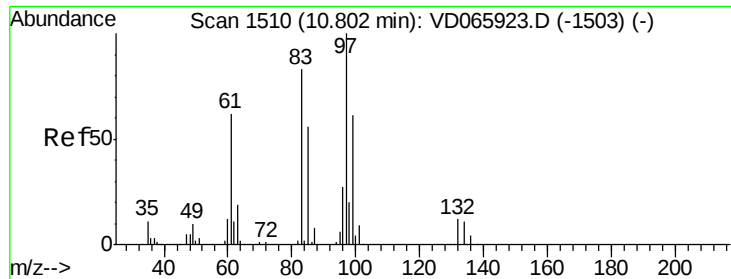
100000

50000

0

Time-->



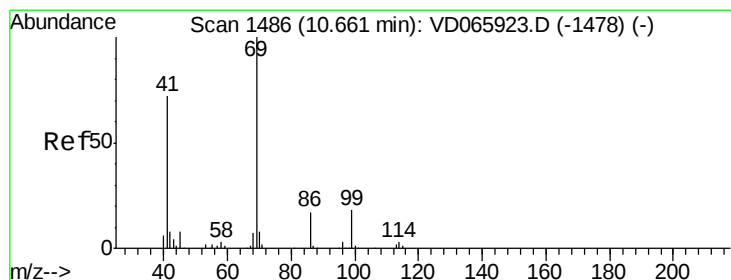
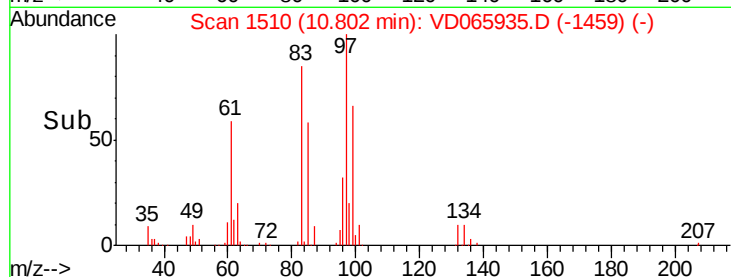
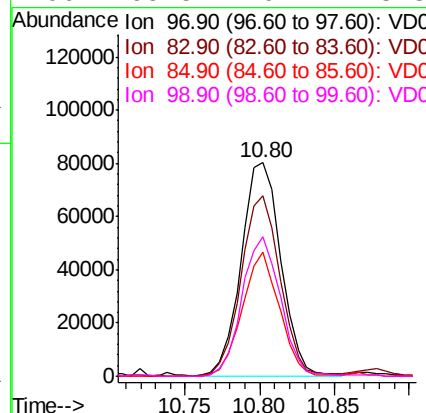
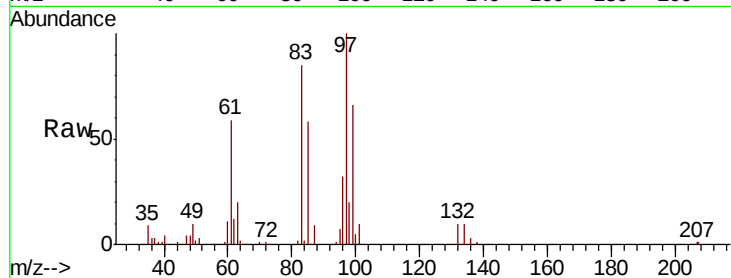


#55
 1,1,2-Trichloroethane
 Concen: 47.748 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 148518

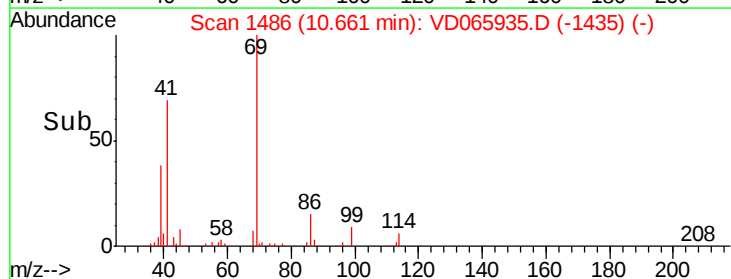
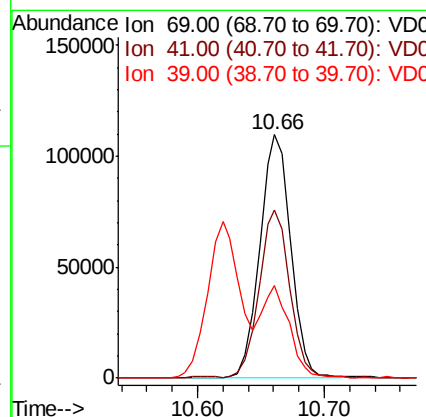
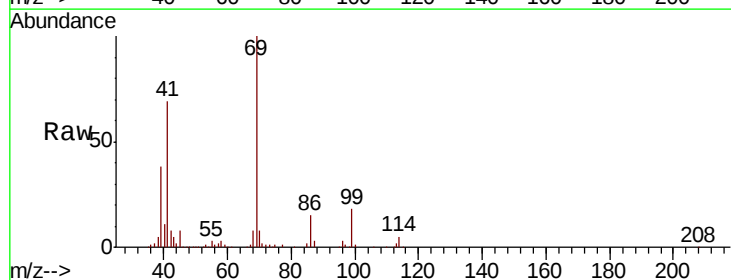
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.9	100.3
85	58.1	44.5	66.7
99	65.5	49.2	73.8

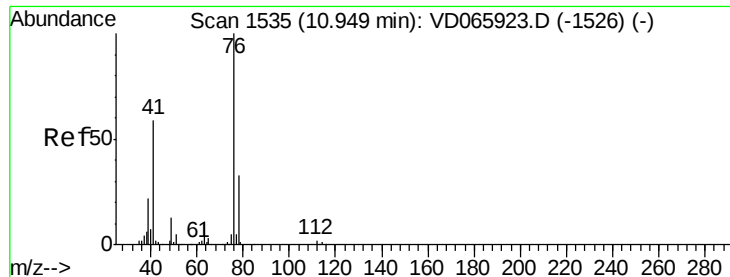


#56
 Ethyl methacrylate
 Concen: 48.973 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion: 69 Resp: 186050

Ion	Ratio	Lower	Upper
69	100		
41	67.7	56.5	84.7
39	34.6	29.2	43.8





#57

1,3-Dichloropropane

Concen: 46.847 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

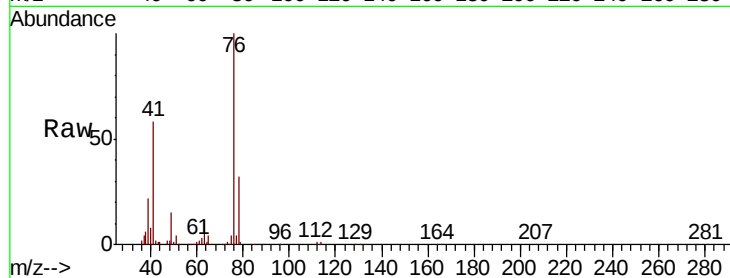
VSTDCCC050

Tot Ion: 76 Resp: 254831

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

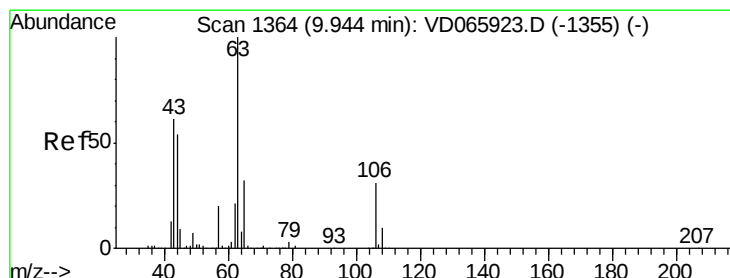
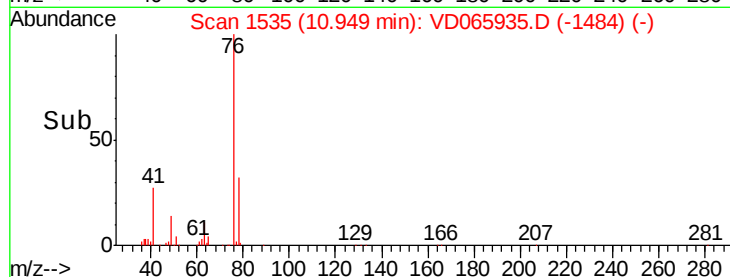
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 239.136 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD065935.D

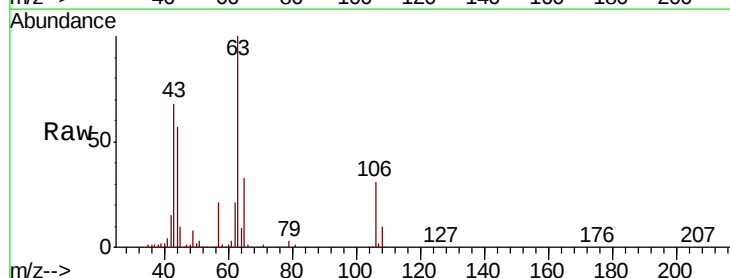
Acq: 08 Jul 2020 11:47

Tgt Ion: 63 Resp: 439984

Ion Ratio Lower Upper

63 100

106 30.6 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.94

250000

200000

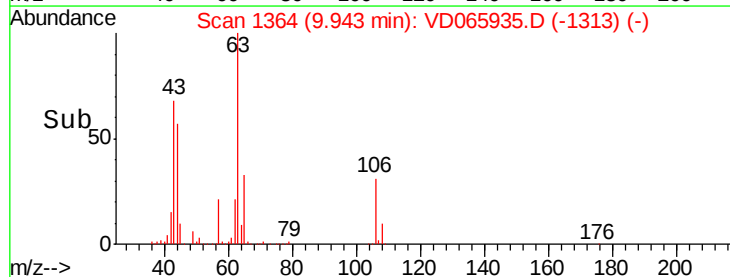
150000

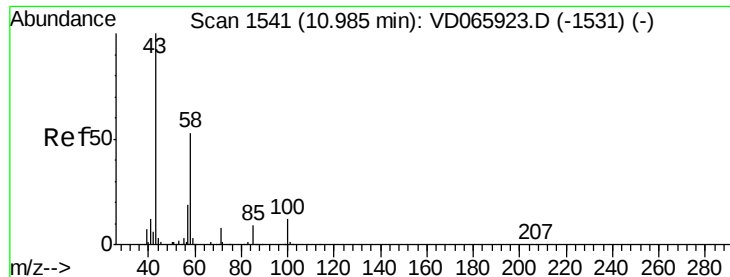
100000

50000

0

Time-->

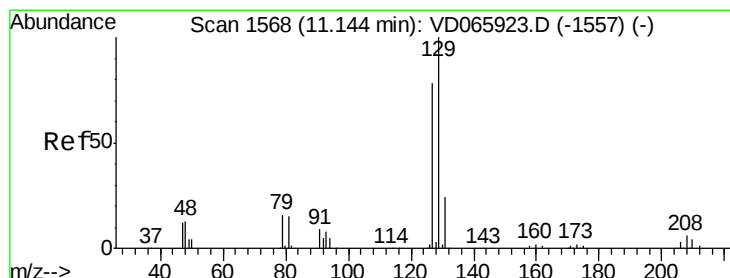
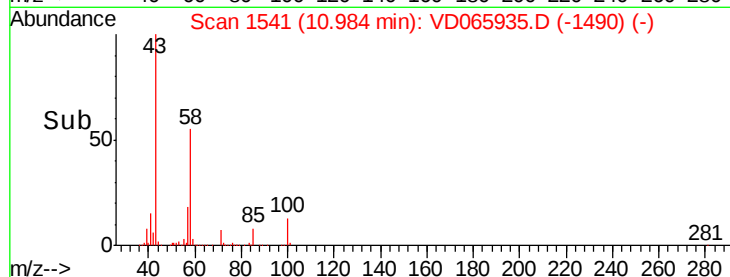
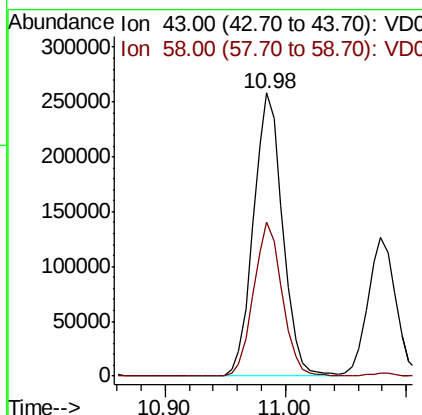
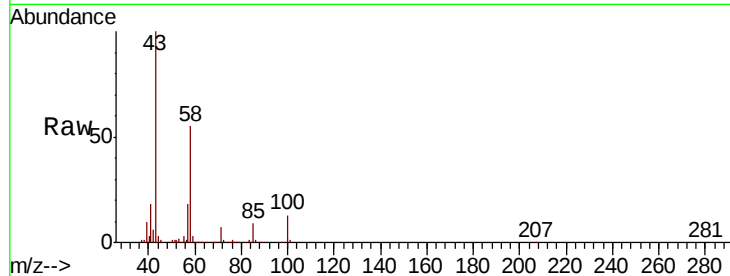




#59
2-Hexanone
Concen: 253.725 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

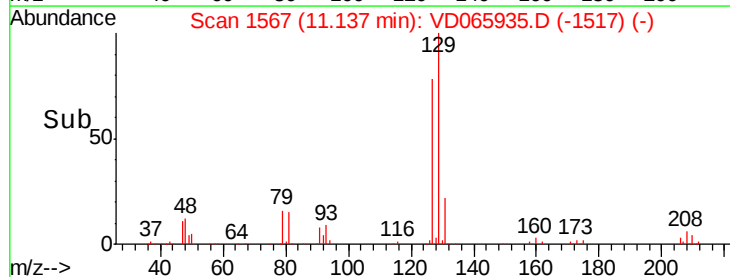
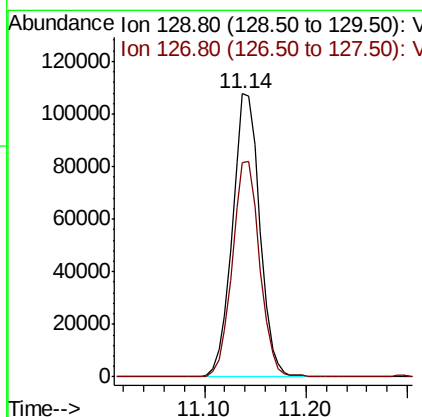
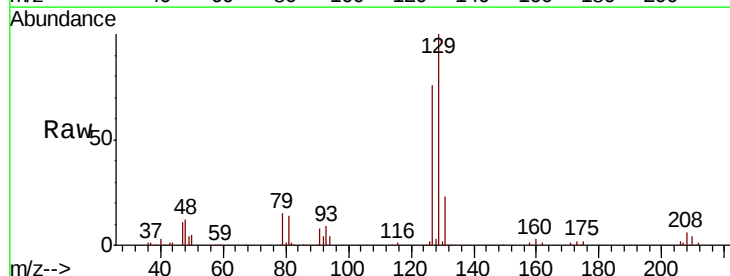
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

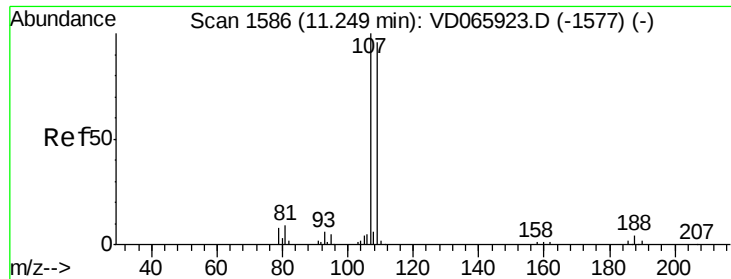
Tot Ion: 43 Resp: 435115
Ion Ratio Lower Upper
43 100
58 53.1 26.6 79.8



#60
Dibromochloromethane
Concen: 47.451 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion: 129 Resp: 201648
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.4





#61

1,2-Dibromoethane

Concen: 46.274 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

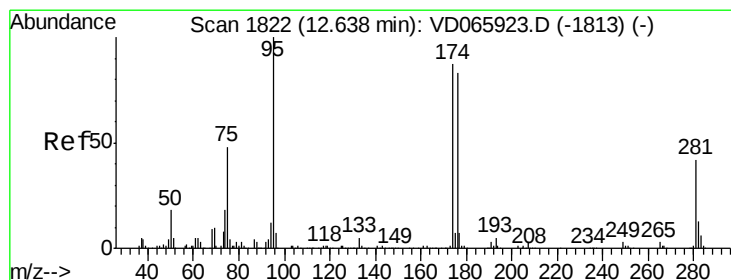
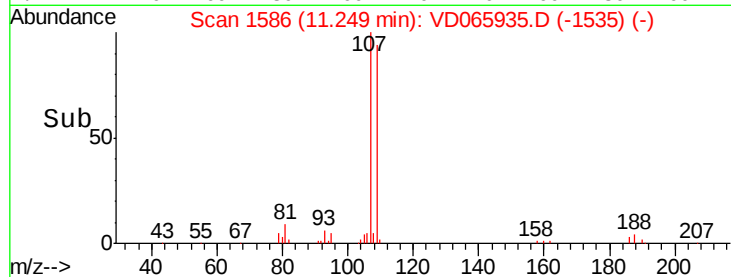
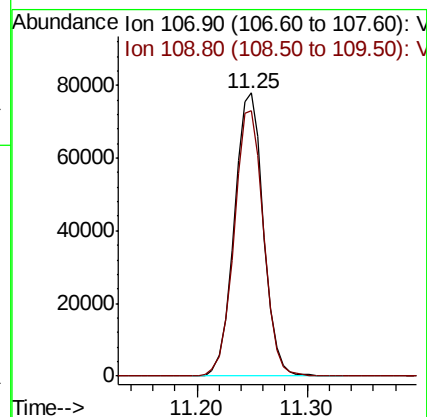
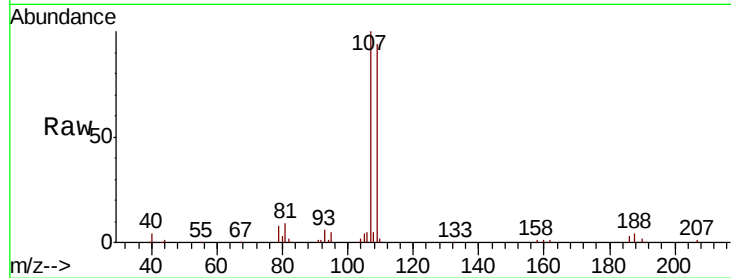
VSTDCCC050

Tot Ion:107 Resp: 143506

Ion Ratio Lower Upper

107 100

109 95.3 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 49.933 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

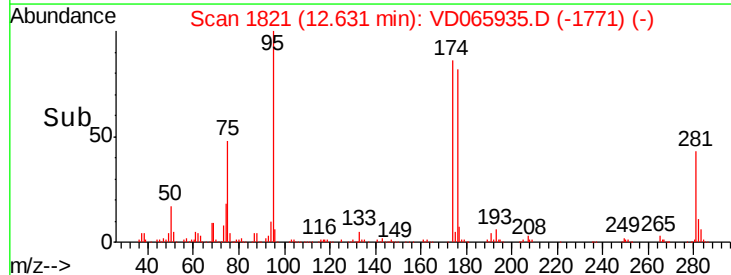
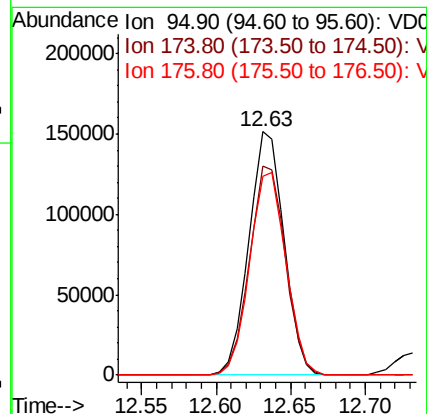
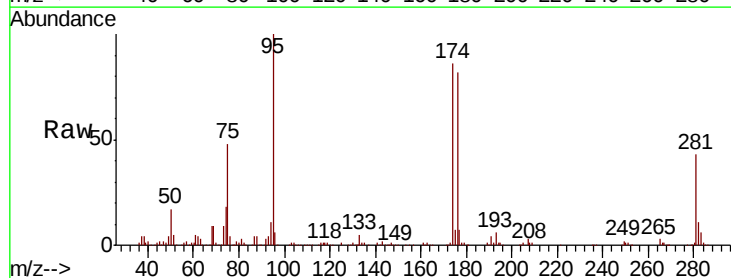
Tgt Ion: 95 Resp: 247130

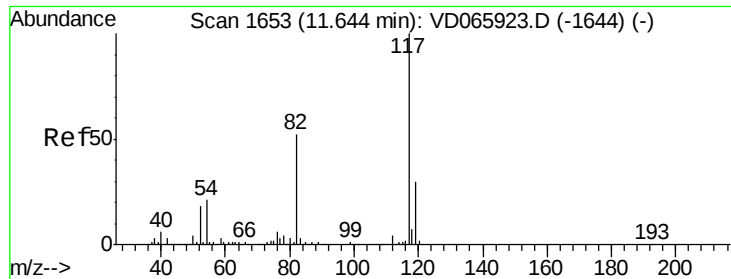
Ion Ratio Lower Upper

95 100

174 87.4 0.0 169.4

176 85.5 0.0 164.0

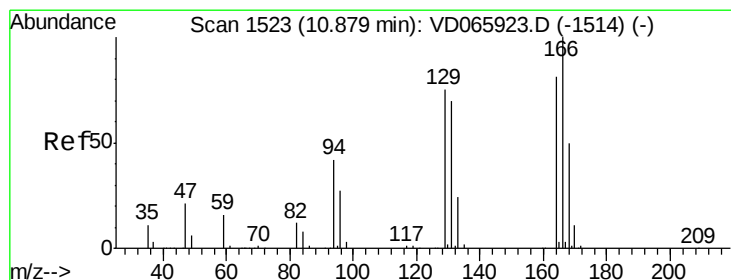
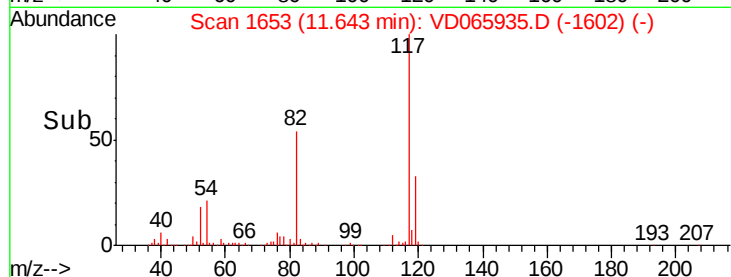
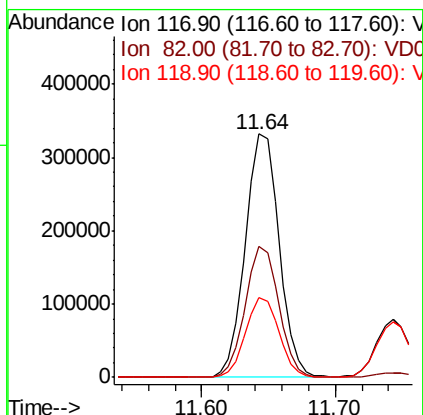
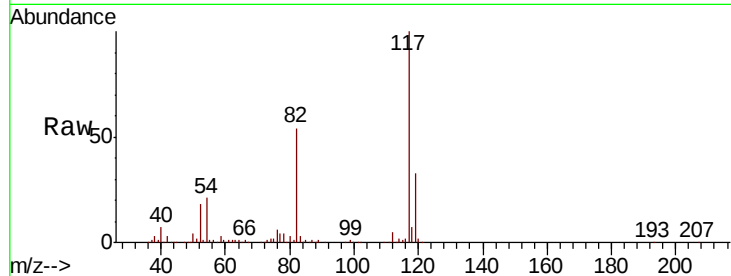




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

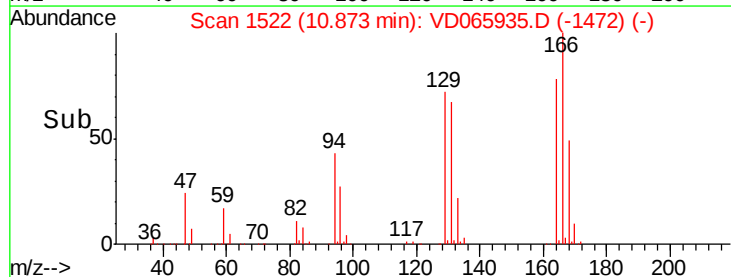
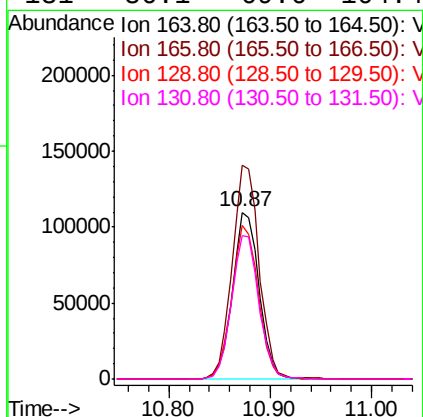
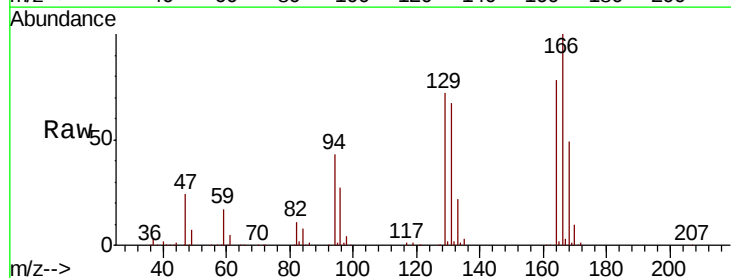
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

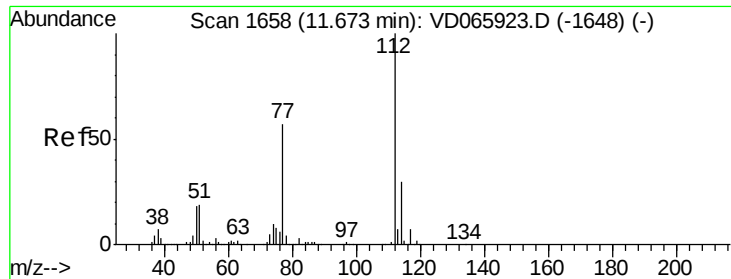
Tot Ion:117 Resp: 582266
Ion Ratio Lower Upper
117 100
82 53.6 41.8 62.8
119 32.7 24.3 36.5



#64
Tetrachloroethene
Concen: 47.078 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion:164 Resp: 199349
Ion Ratio Lower Upper
164 100
166 127.9 99.0 148.4
129 92.3 73.9 110.9
131 86.1 69.6 104.4

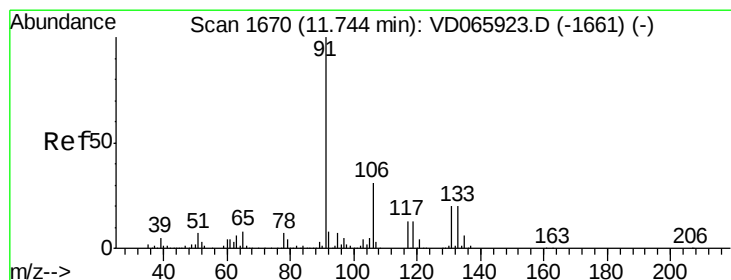
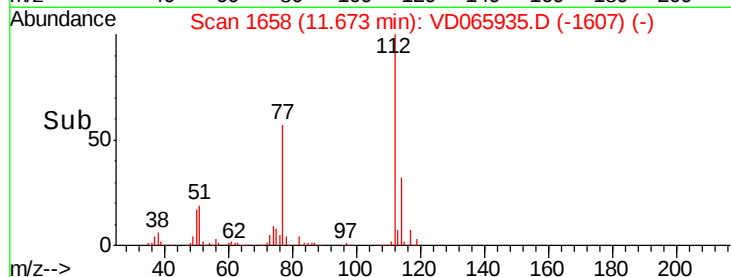
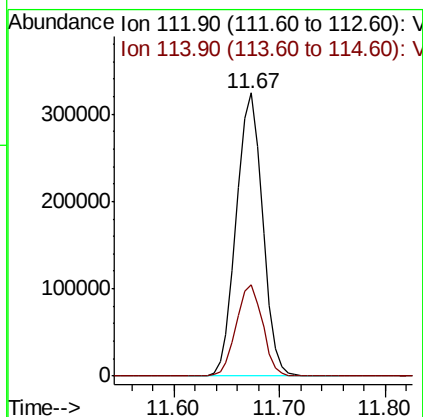
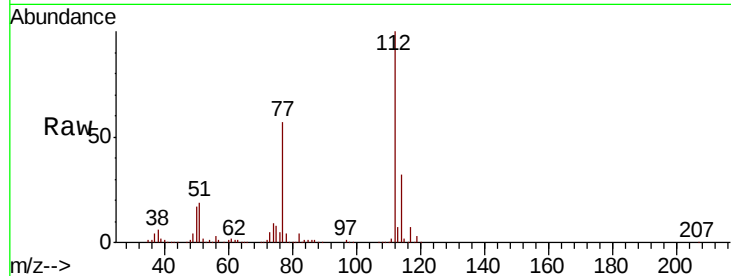




#65
Chlorobenzene
Concen: 47.550 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

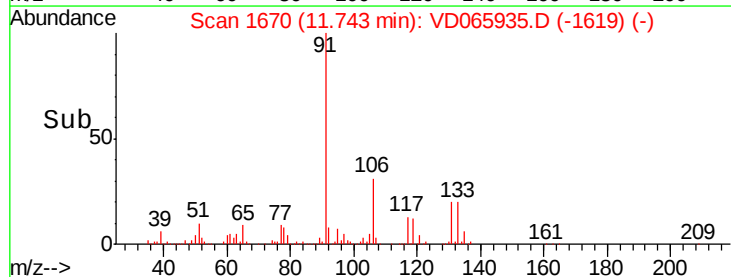
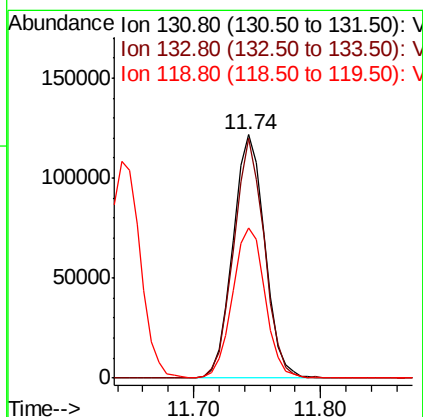
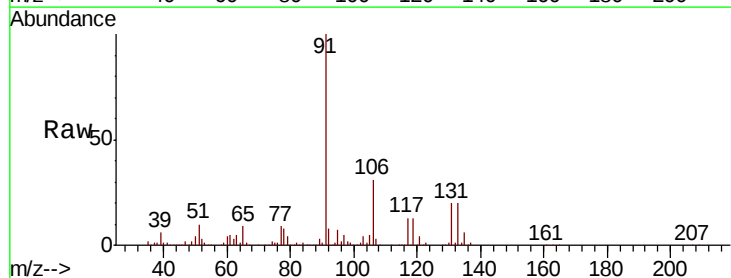
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

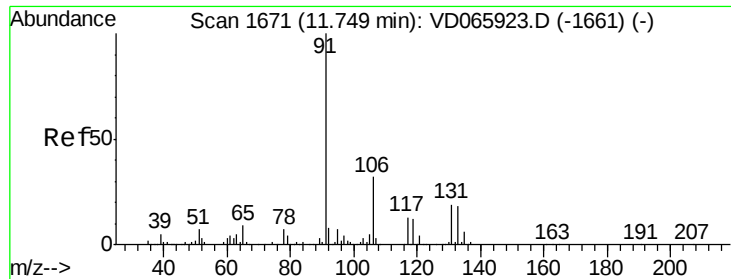
Tot Ion:112 Resp: 557945
Ion Ratio Lower Upper
112 100
114 32.1 24.2 36.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.167 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion:131 Resp: 211390
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.6
119 62.8 31.9 95.9

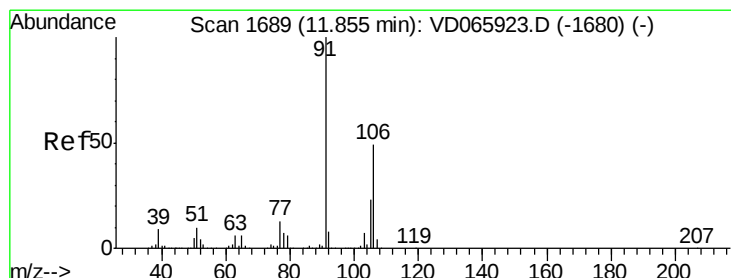
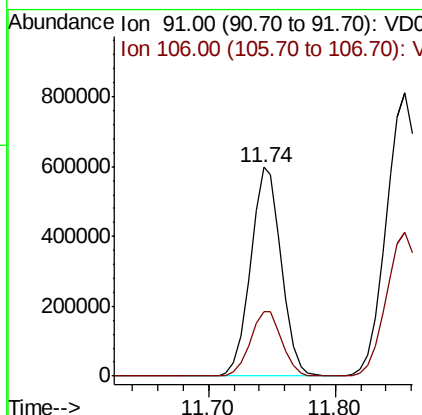
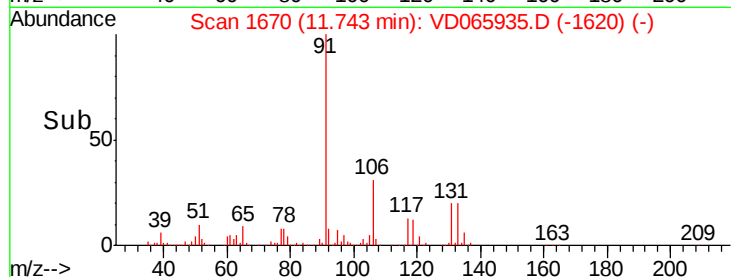
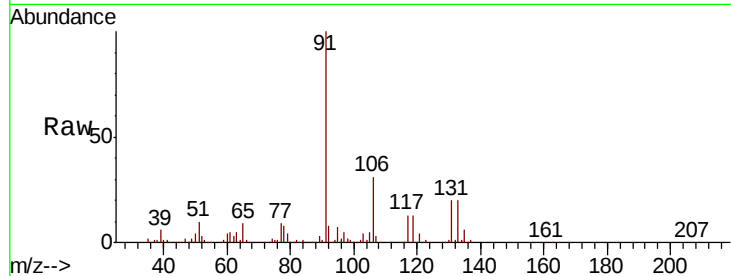




#67
Ethyl Benzene
Concen: 48.091 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

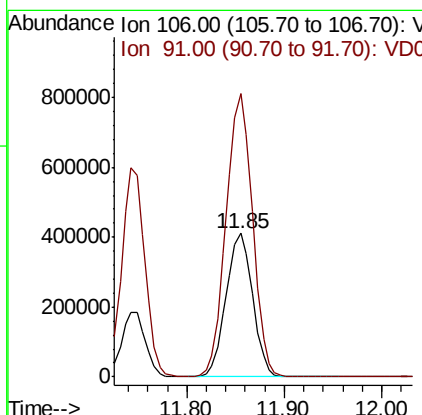
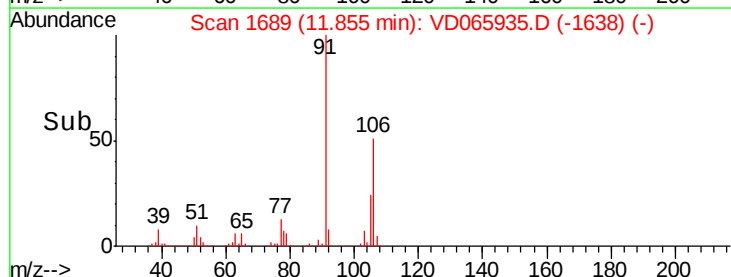
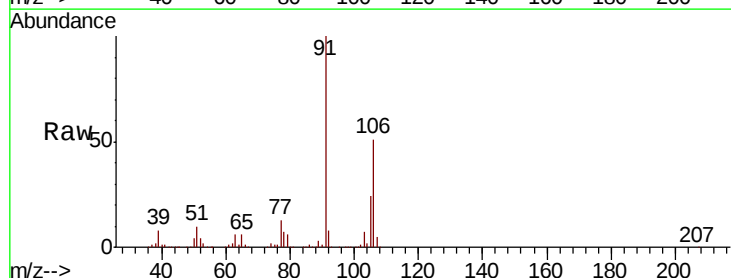
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

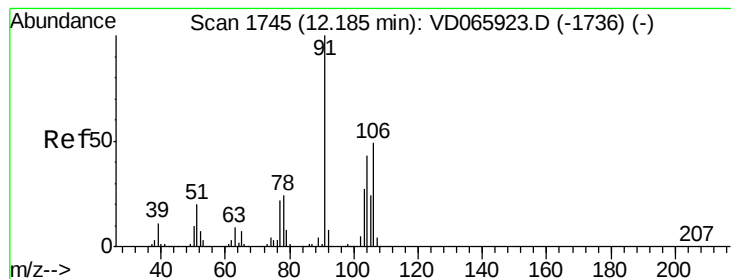
Tot Ion: 91 Resp: 1002462
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8



#68
m/p-Xylenes
Concen: 97.954 ug/l
RT: 11.85 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion: 106 Resp: 775771
Ion Ratio Lower Upper
106 100
91 196.7 158.2 237.2





#69

o-Xylene

Concen: 49.111 ug/l

RT: 12.18 min Scan# 1744

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleID :

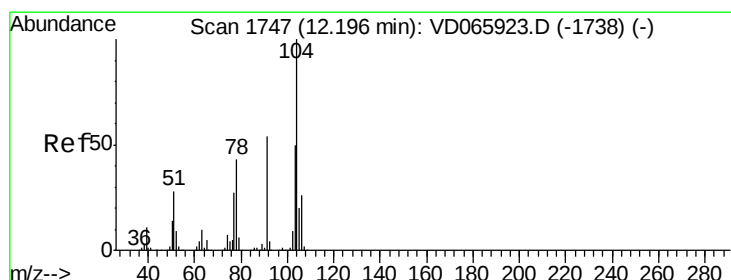
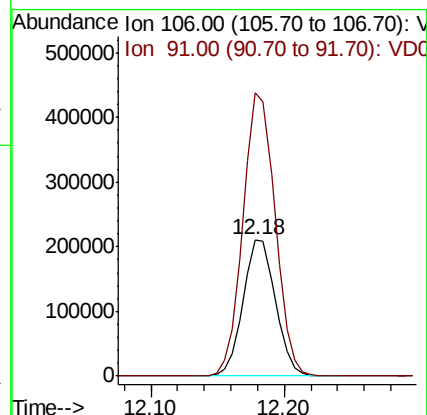
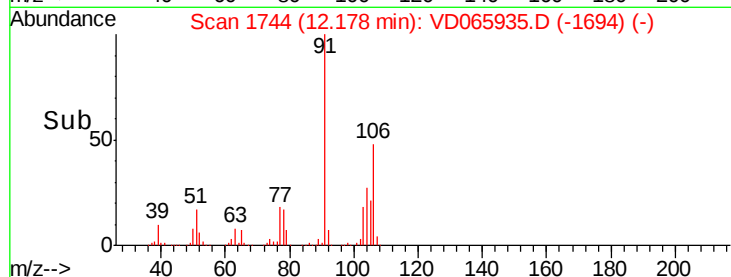
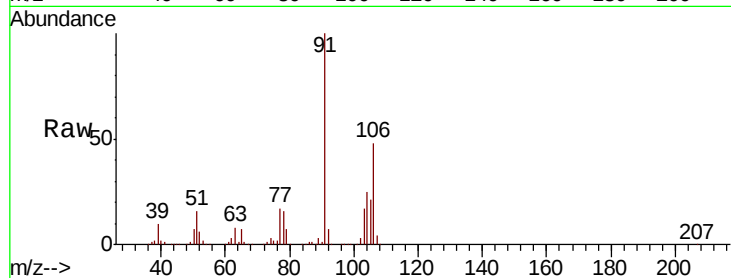
VSTDCCC050

Tot Ion:106 Resp: 354309

Ion Ratio Lower Upper

106 100

91 206.6 104.1 312.2



#70

Styrene

Concen: 48.871 ug/l

RT: 12.20 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

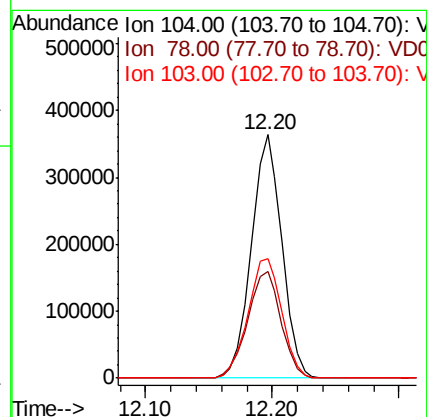
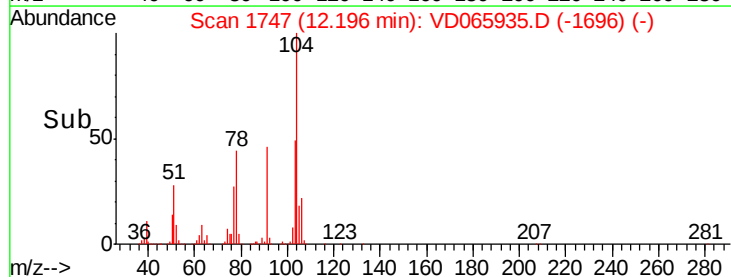
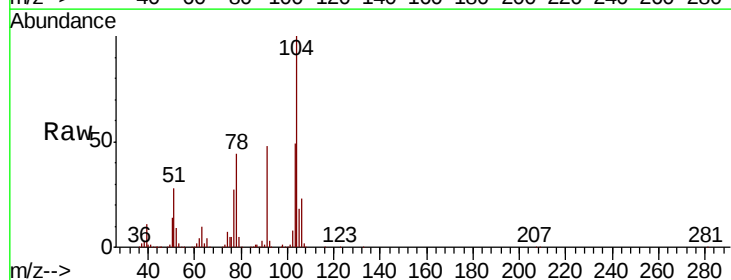
Tgt Ion:104 Resp: 608640

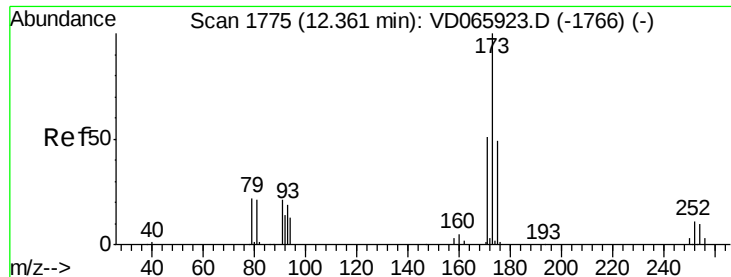
Ion Ratio Lower Upper

104 100

78 48.1 38.8 58.2

103 54.4 43.6 65.4





#71

Bromoform

Concen: 48.093 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

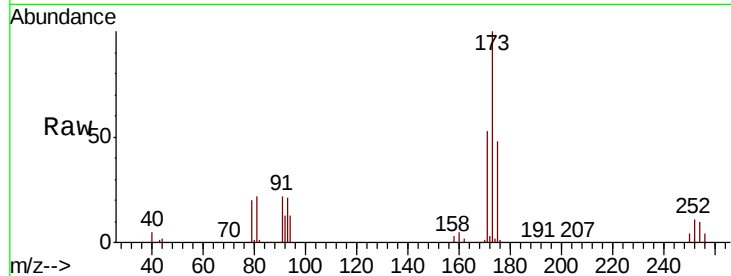
Tot Ion:173 Resp: 119432

Ion Ratio Lower Upper

173 100

175 48.4 24.2 72.6

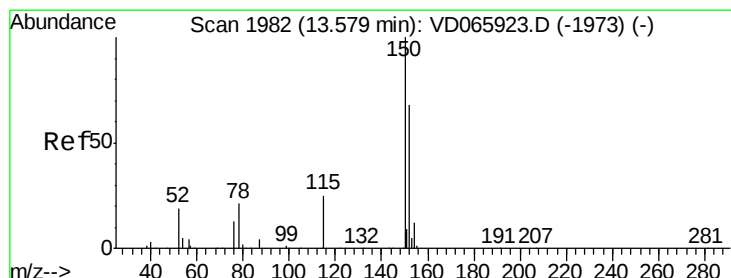
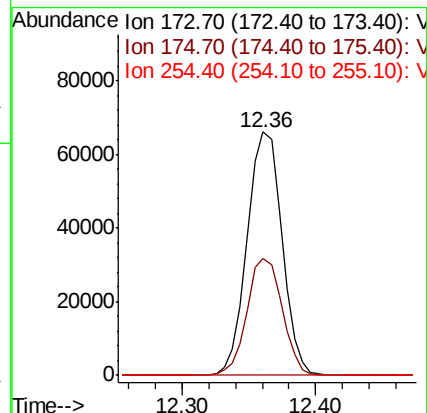
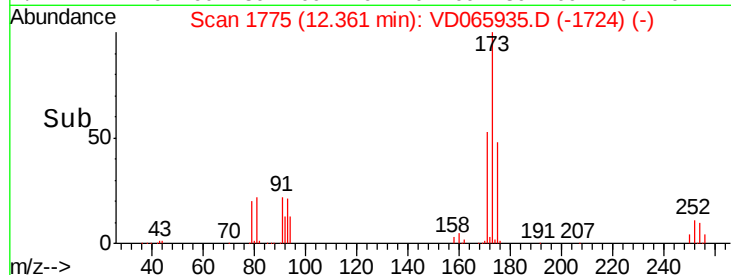
254 0.1 0.0 0.0#



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: VD065935.D

Acq: 08 Jul 2020 11:47

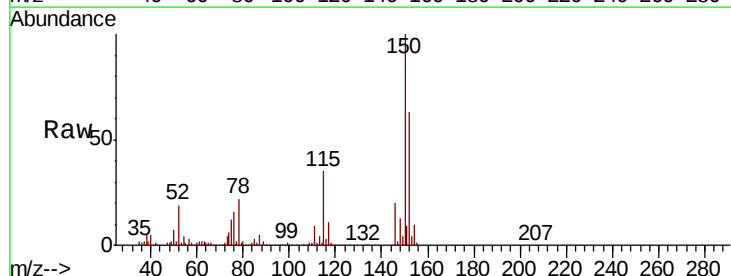
Tgt Ion:152 Resp: 287084

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.3

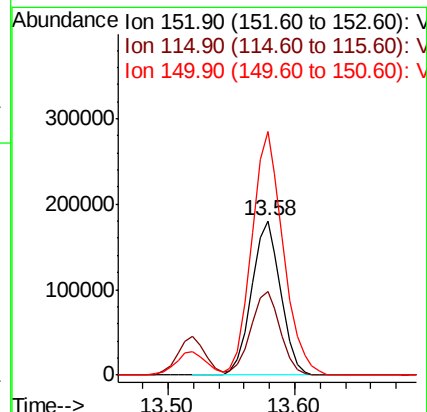
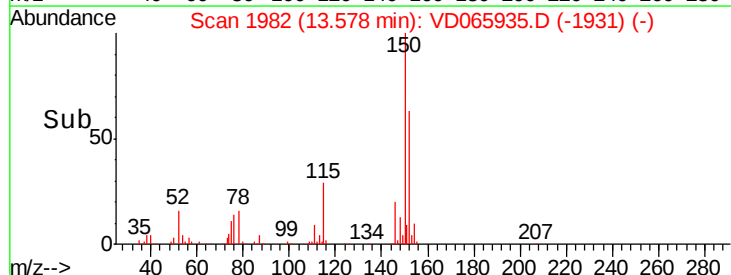
150 171.2 0.0 347.2

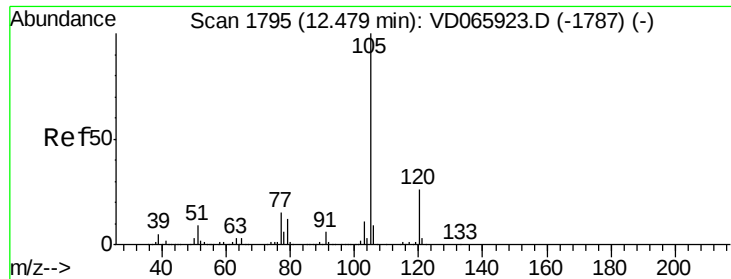


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

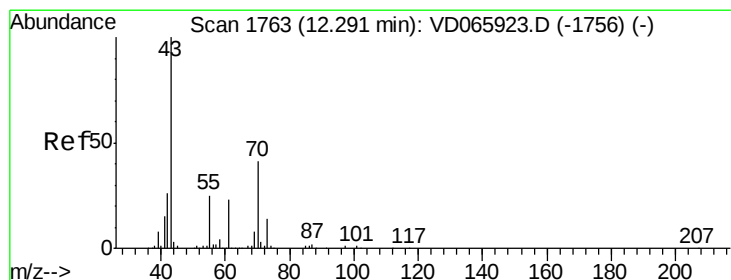
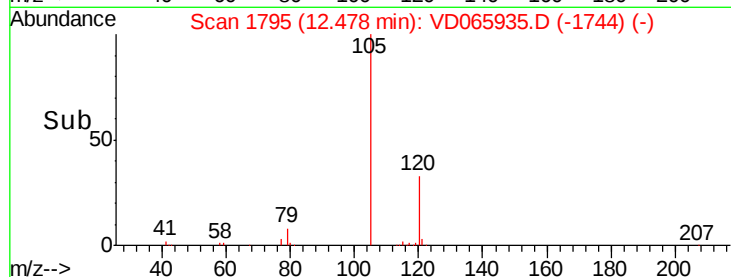
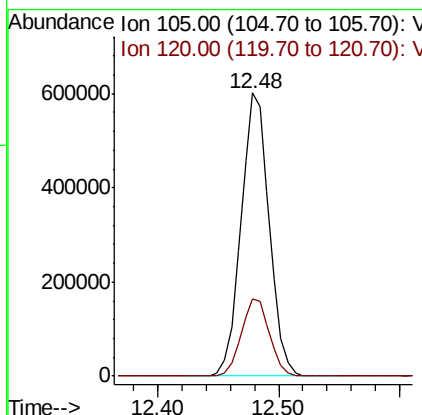
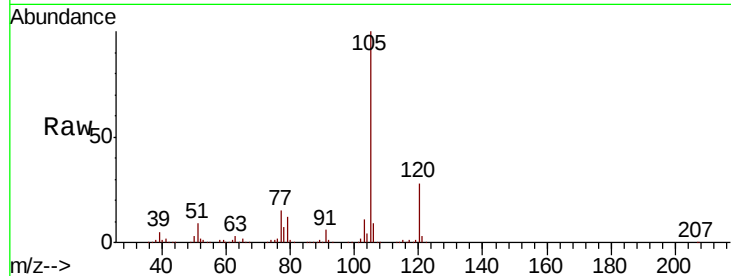




#73
Isopropylbenzene
Concen: 48.550 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

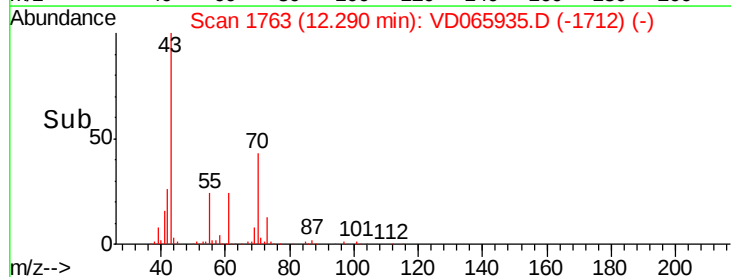
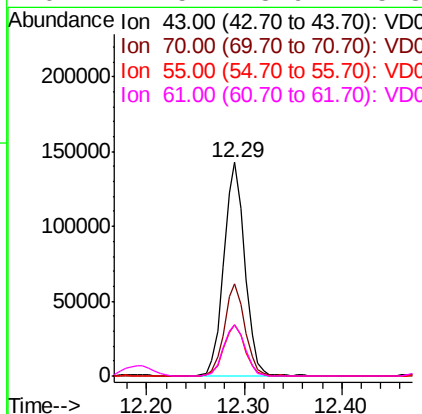
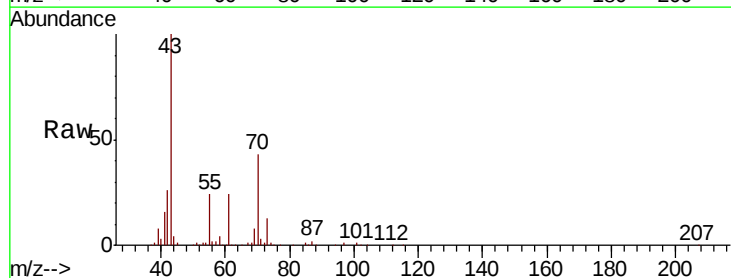
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

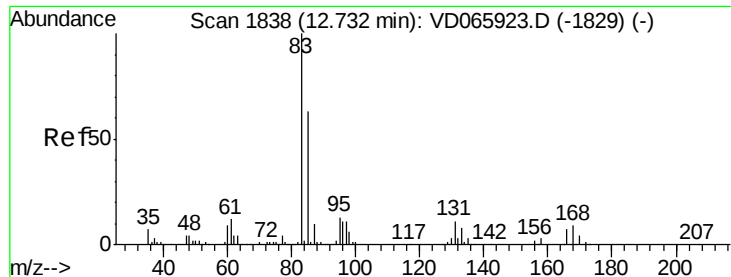
Tot Ion:105 Resp: 972730
Ion Ratio Lower Upper
105 100
120 27.5 13.3 39.8



#74
N-ethyl acetate
Concen: 47.480 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion: 43 Resp: 213467
Ion Ratio Lower Upper
43 100
70 42.4 33.6 50.4
55 24.1 20.1 30.1
61 24.5 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.232 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

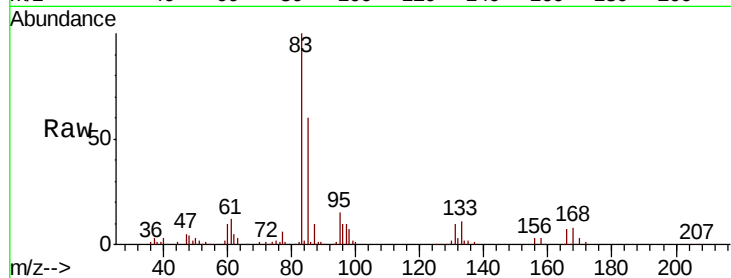
Tot Ion: 83 Resp: 160437

Ion Ratio Lower Upper

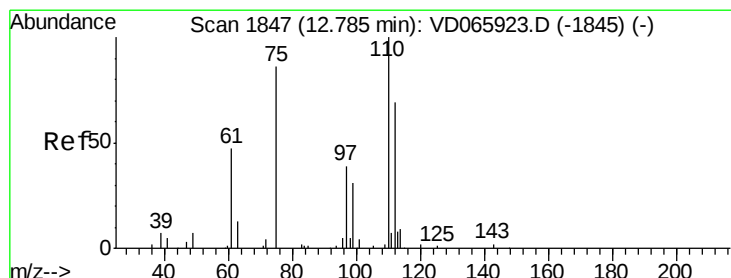
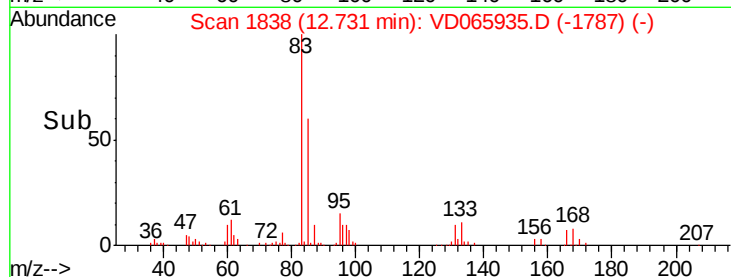
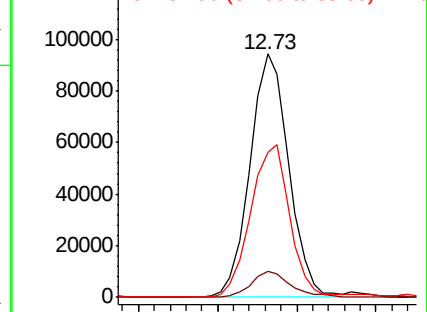
83 100

131 10.9 5.6 16.8

85 63.5 32.6 98.0



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: 86.925 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD065935.D

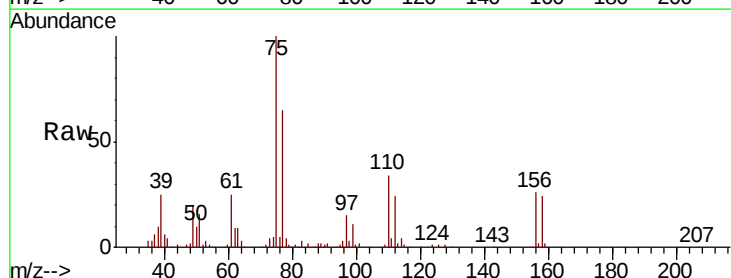
Acq: 08 Jul 2020 11:47

Tgt Ion: 75 Resp: 209338

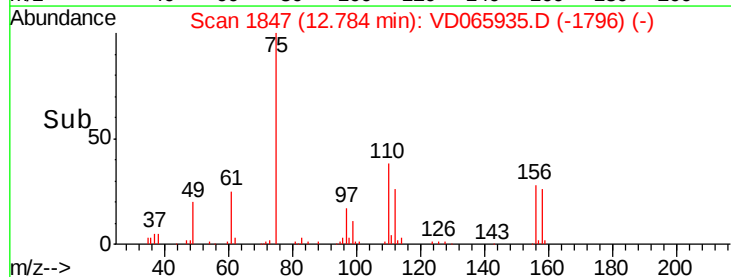
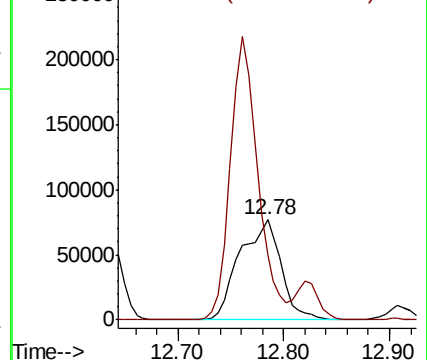
Ion Ratio Lower Upper

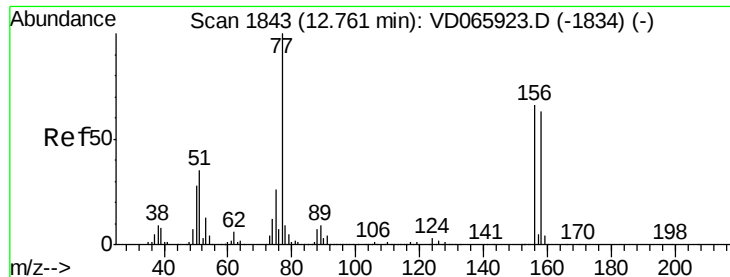
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 48.279 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

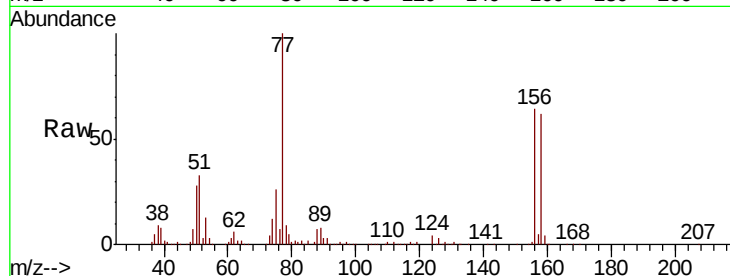
Tot Ion:156 Resp: 234614

Ion Ratio Lower Upper

156 100

77 167.6 85.0 255.0

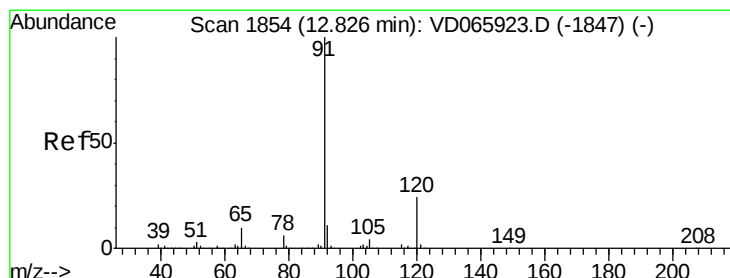
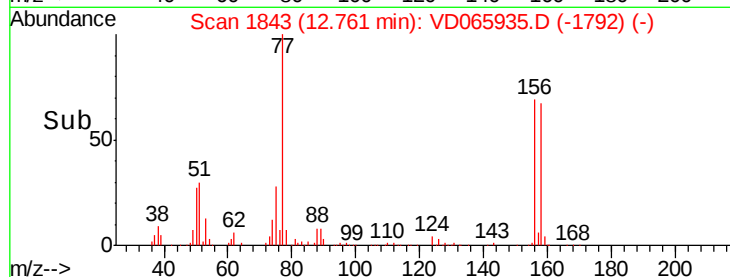
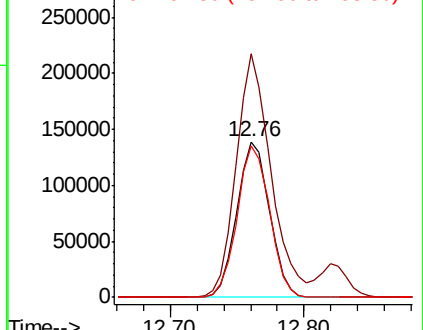
158 97.2 49.0 147.0



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: 48.541 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VD065935.D

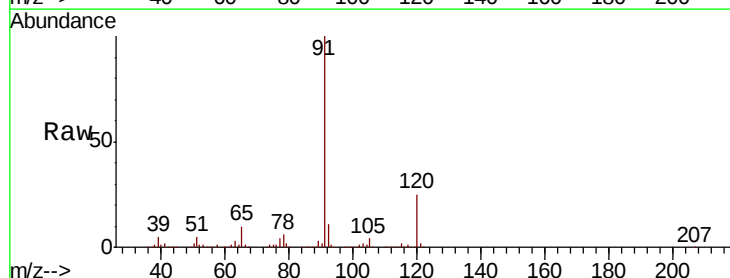
Acq: 08 Jul 2020 11:47

Tgt Ion: 91 Resp: 1140218

Ion Ratio Lower Upper

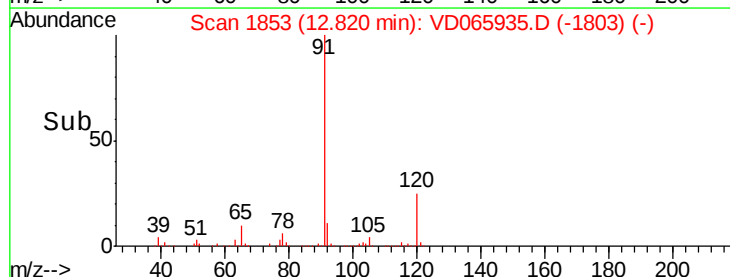
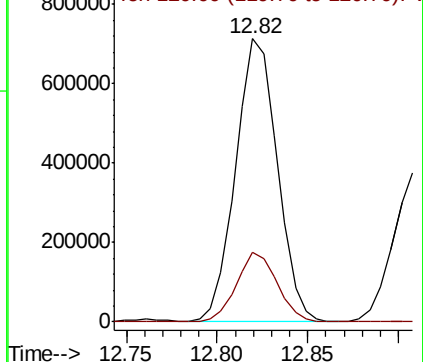
91 100

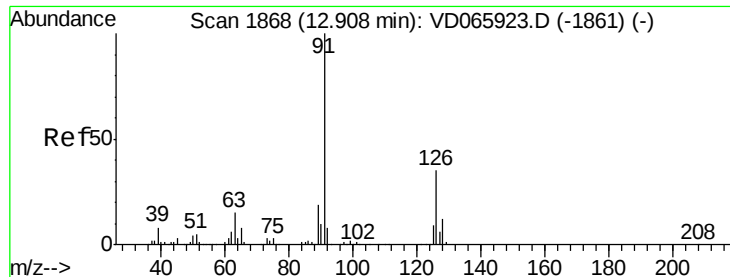
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

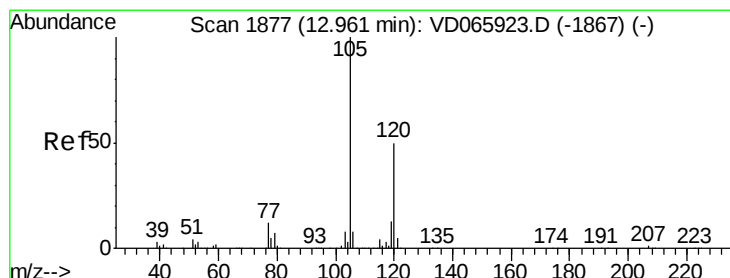
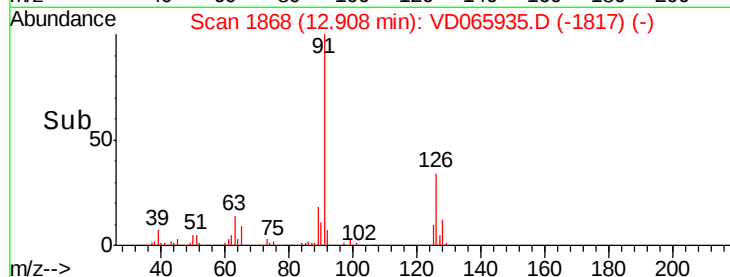
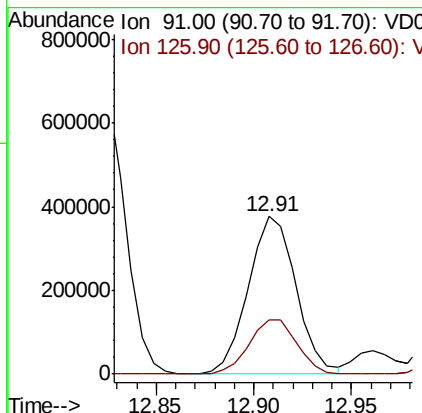
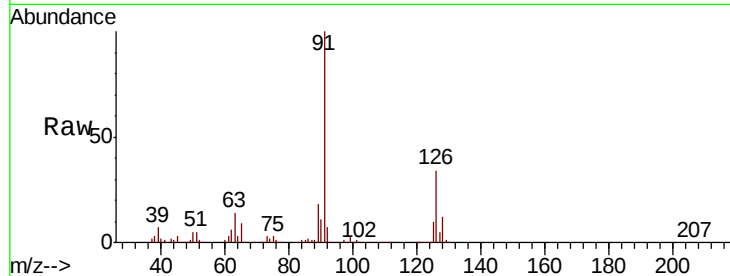




#79
 2-Chlorotoluene
 Concen: 48.012 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

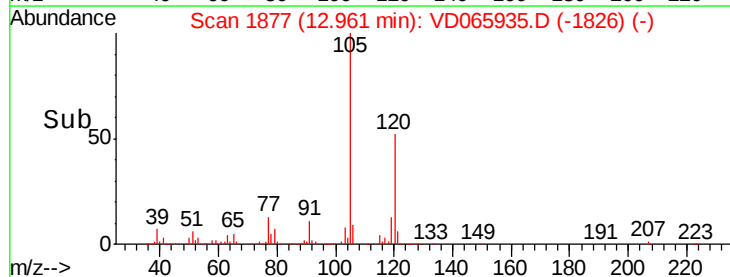
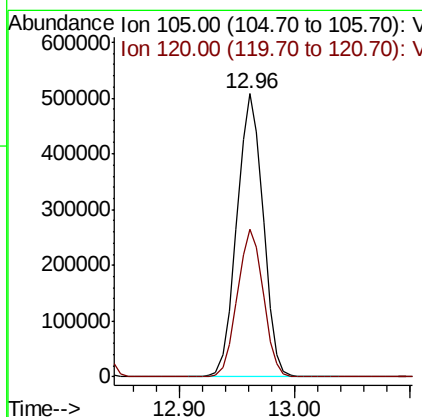
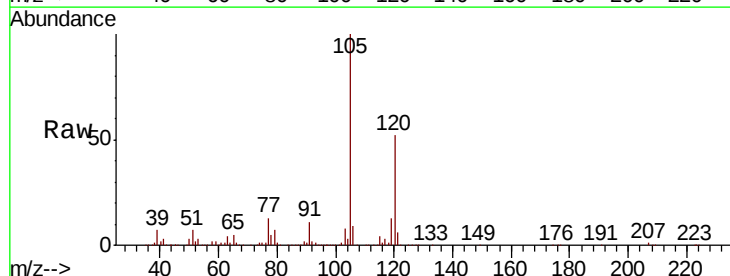
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

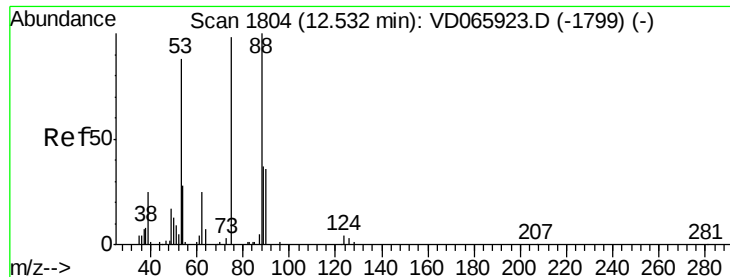
Tot Ion: 91 Resp: 639803
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 48.675 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion: 105 Resp: 797677
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.043 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

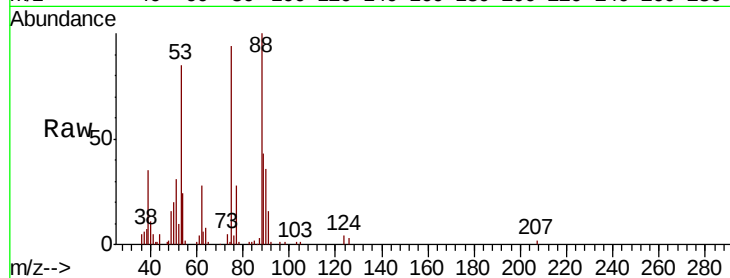
Tot Ion: 75 Resp: 56088

Ion Ratio Lower Upper

75 100

53 90.4 75.8 113.8

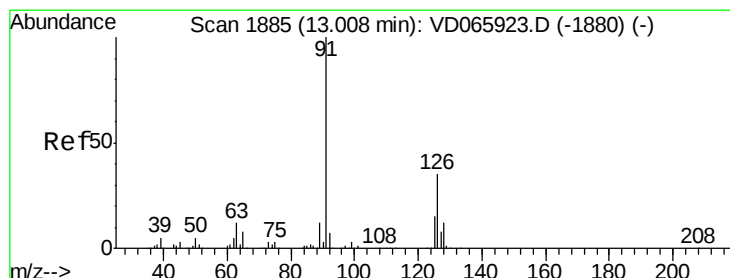
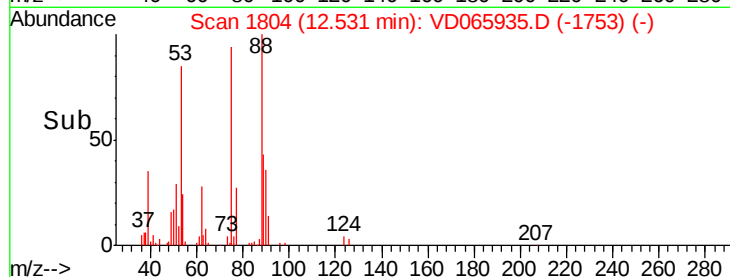
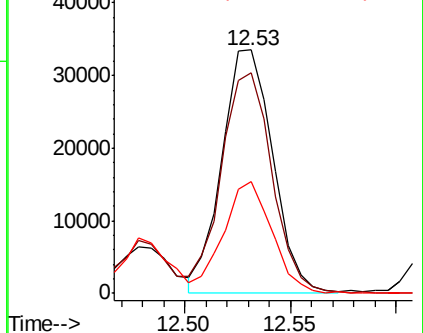
89 44.0 37.5 56.3



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: 47.380 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065935.D

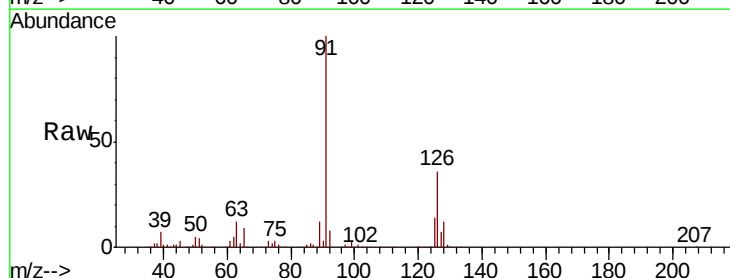
Acq: 08 Jul 2020 11:47

Tgt Ion: 91 Resp: 662436

Ion Ratio Lower Upper

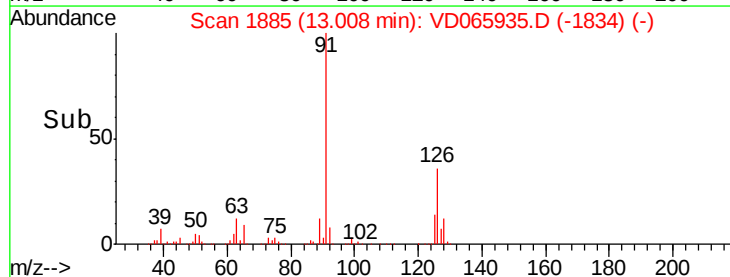
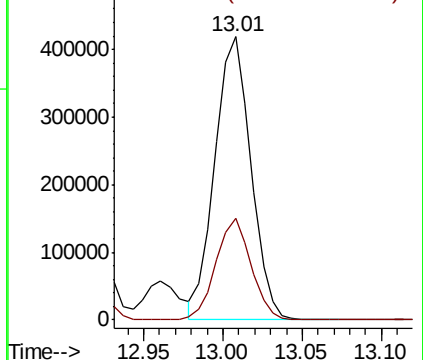
91 100

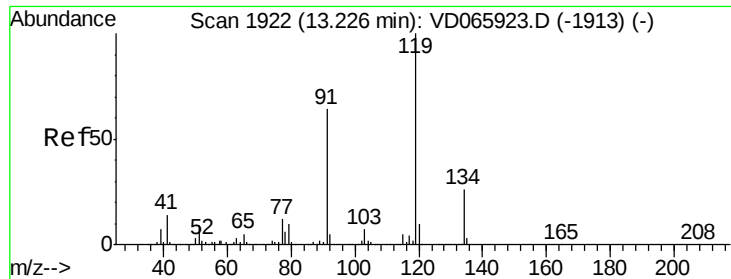
126 35.0 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

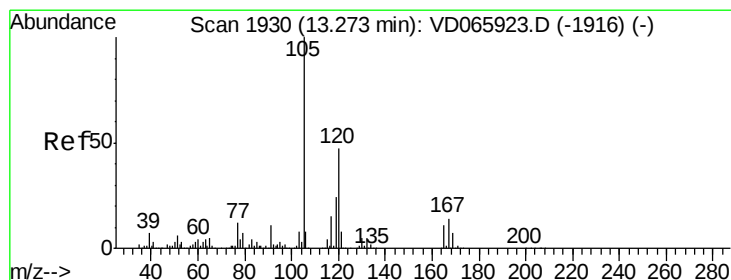
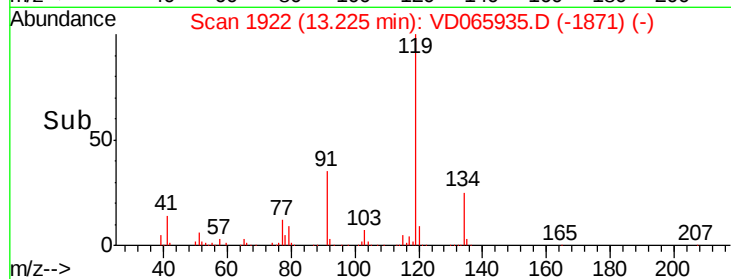
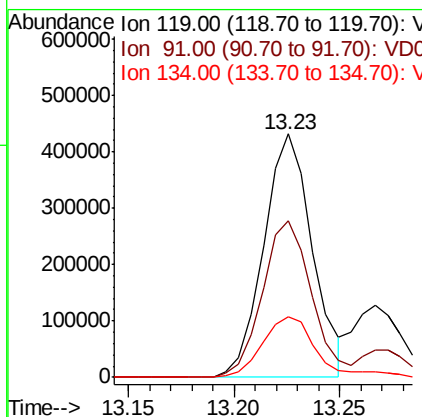
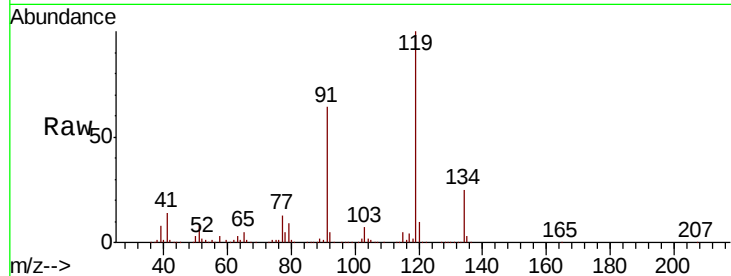




#83
 tert-Butylbenzene
 Concen: 49.568 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

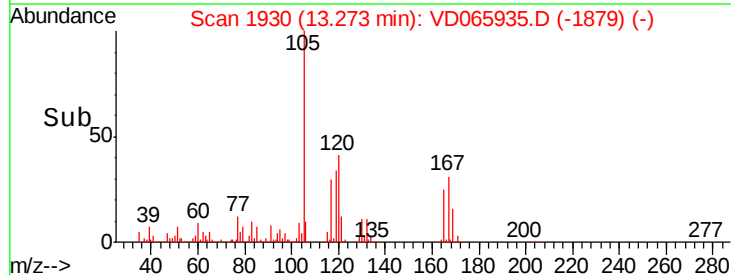
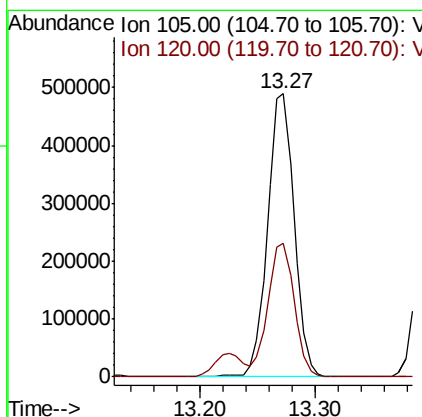
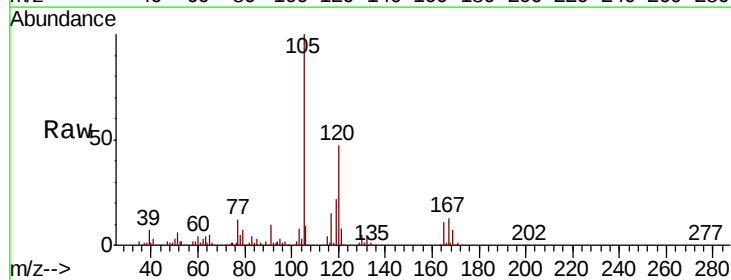
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

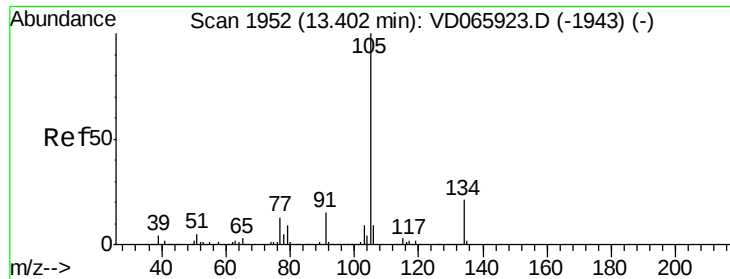
Tot Ion:119 Resp: 692075
 Ion Ratio Lower Upper
 119 100
 91 65.4 32.4 97.2
 134 27.8 14.1 42.4



#84
 1,2,4-Trimethylbenzene
 Concen: 48.379 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion:105 Resp: 789207
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.5





#85

sec-Butylbenzene

Concen: 48.778 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

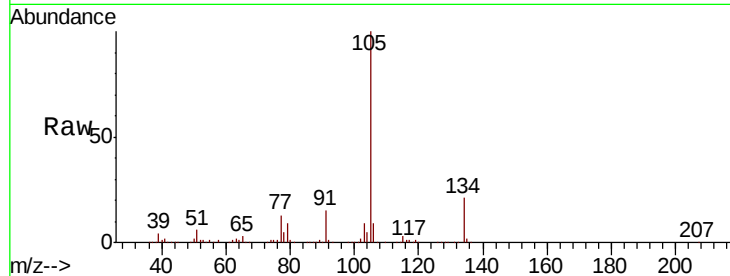
VSTDCCC050

Tot Ion:105 Resp: 965164

Ion Ratio Lower Upper

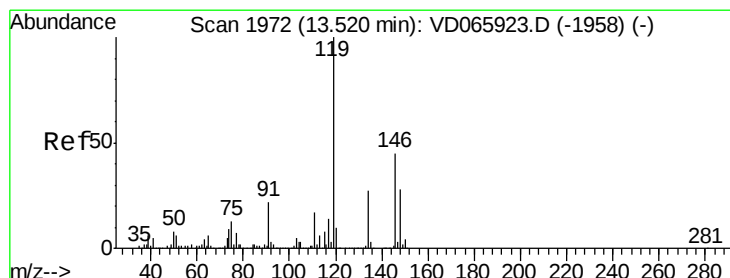
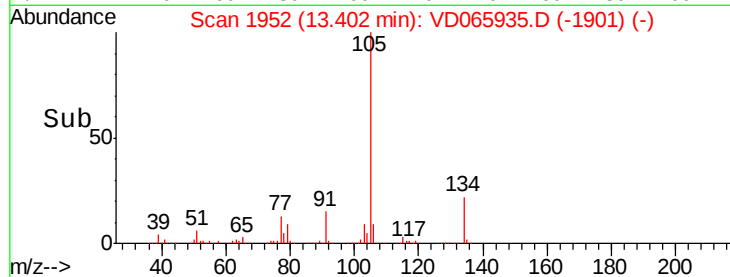
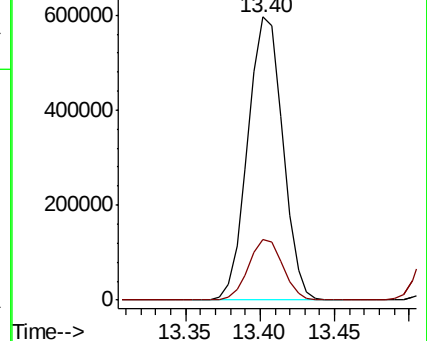
105 100

134 21.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.865 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

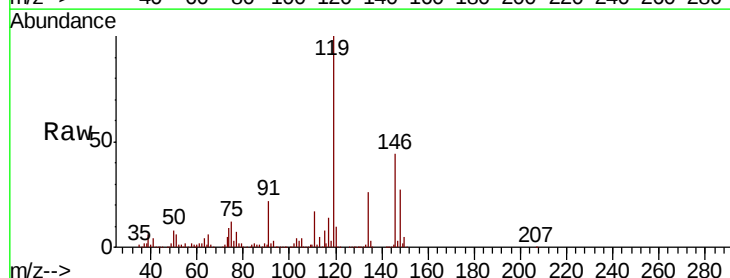
Tgt Ion:119 Resp: 902459

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

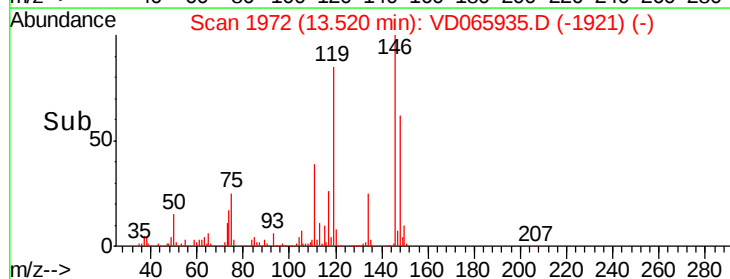
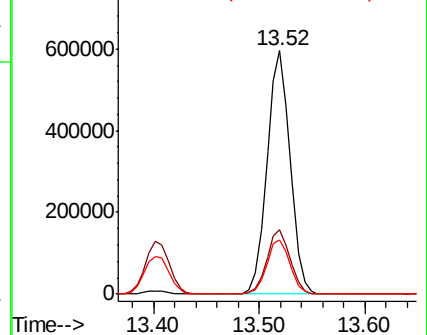
91 22.4 11.3 33.8

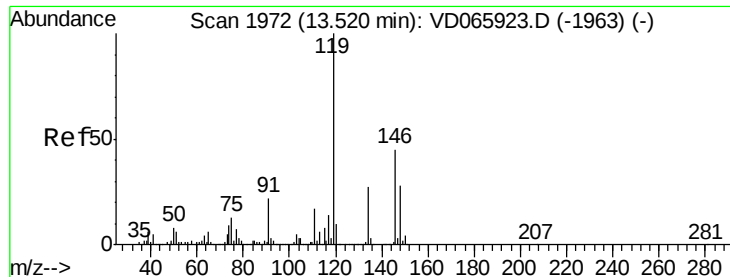


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.470 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

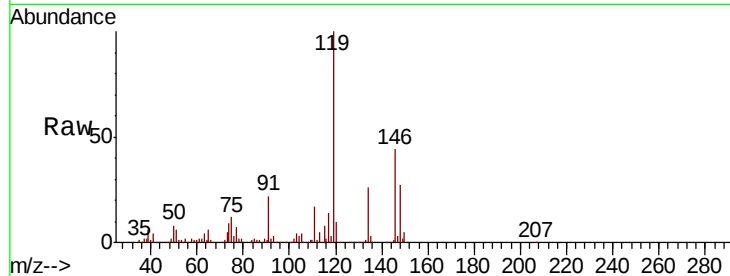
Tot Ion:146 Resp: 431659

Ion Ratio Lower Upper

146 100

111 38.8 19.3 57.8

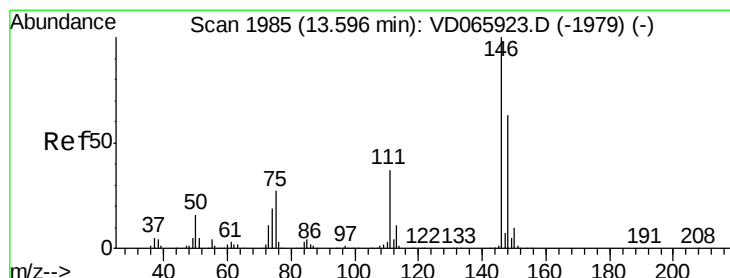
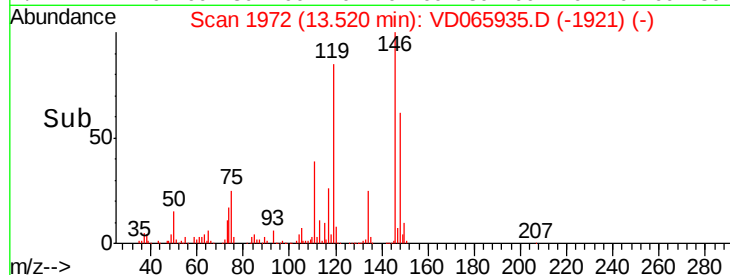
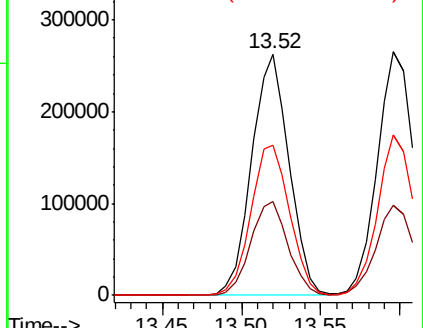
148 64.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.292 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

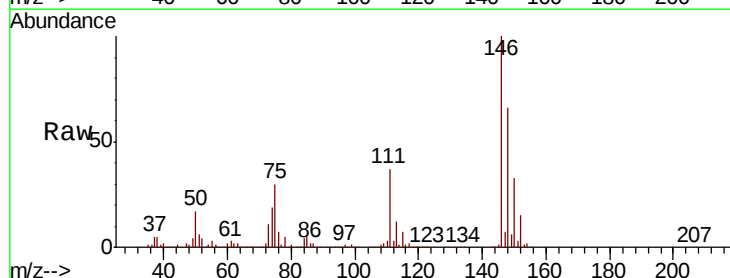
Tgt Ion:146 Resp: 429029

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.7

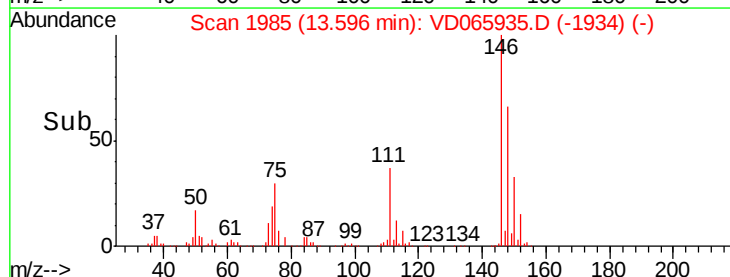
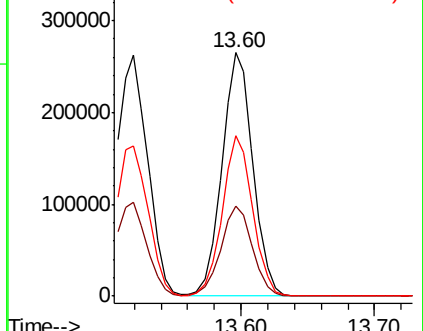
148 64.7 32.1 96.3

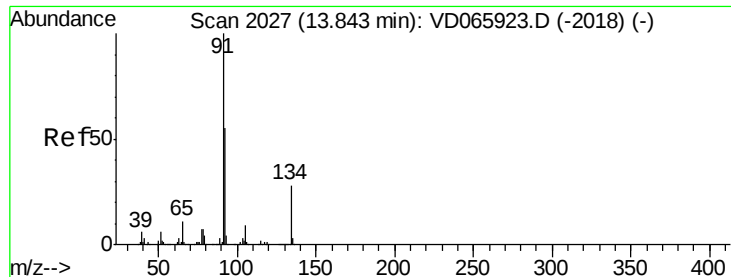


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

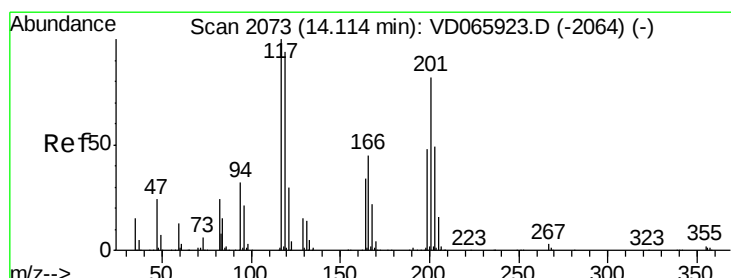
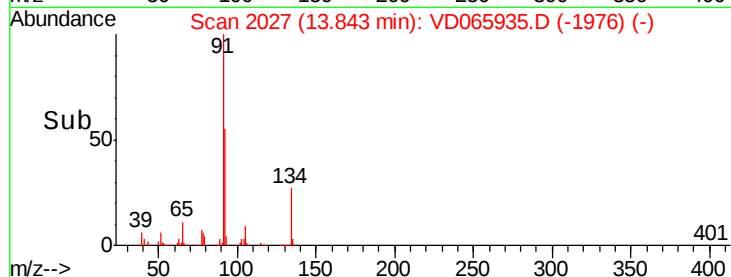
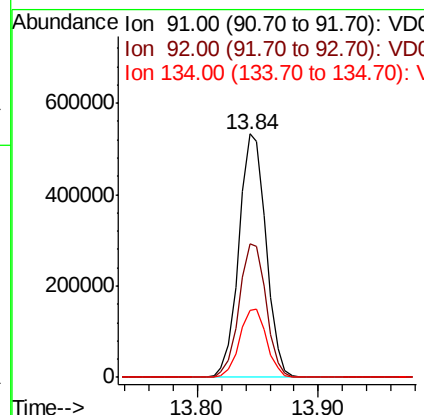
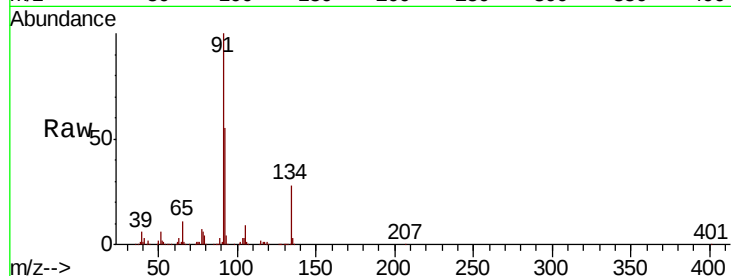




#89
n-Butylbenzene
Concen: 49.063 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

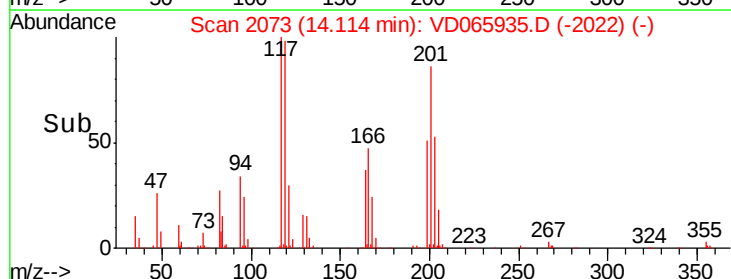
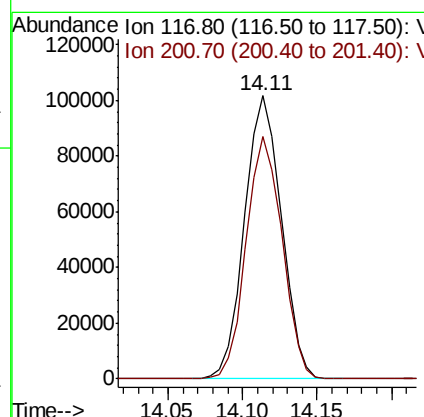
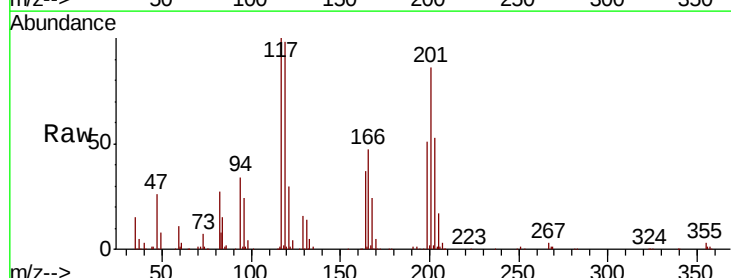
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

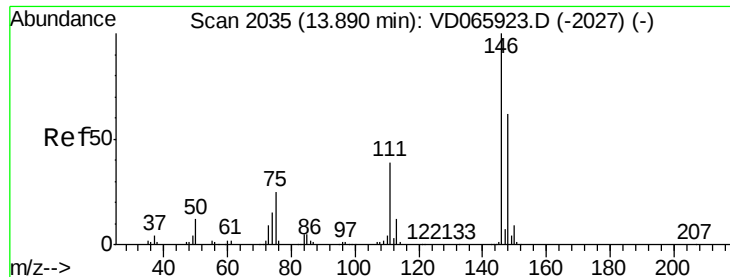
Tot Ion: 91 Resp: 833840
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.6
134 27.8 13.8 41.3



#90
Hexachloroethane
Concen: 47.753 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion: 117 Resp: 174278
Ion Ratio Lower Upper
117 100
201 83.3 40.0 120.0





#91

1,2-Dichlorobenzene

Concen: 47.532 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

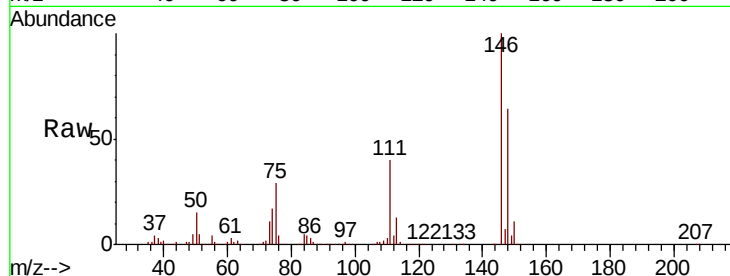
Tot Ion:146 Resp: 377770

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

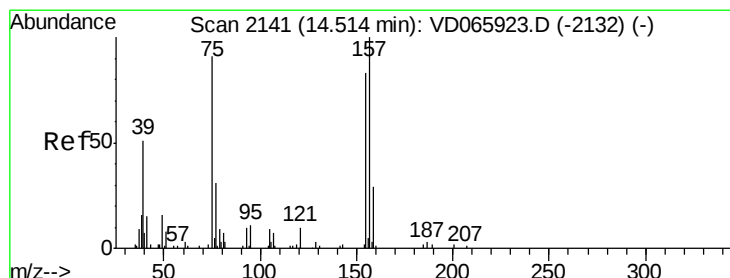
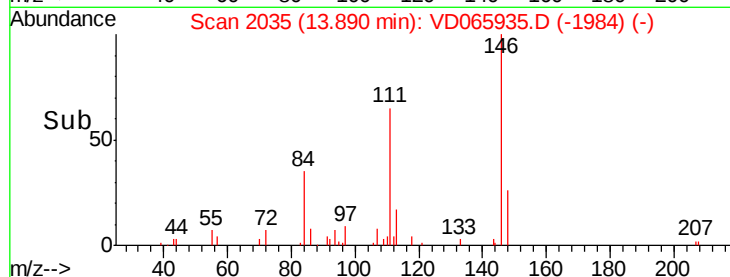
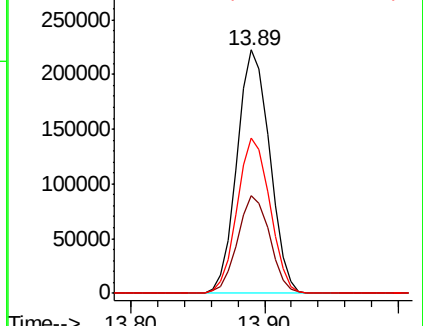
148 63.9 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.665 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

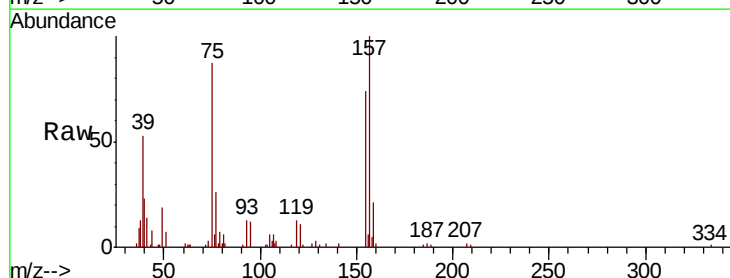
Tgt Ion: 75 Resp: 25399

Ion Ratio Lower Upper

75 100

155 97.1 45.3 135.8

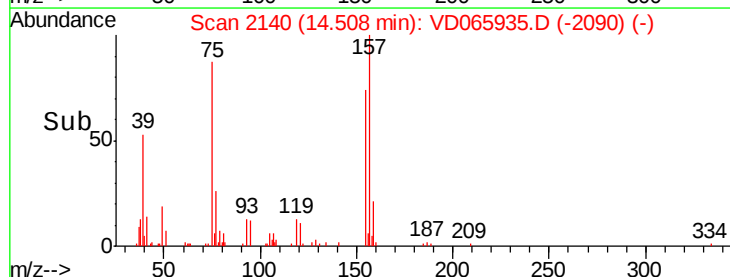
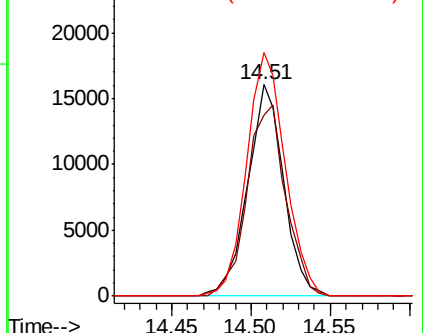
157 122.8 56.9 170.6

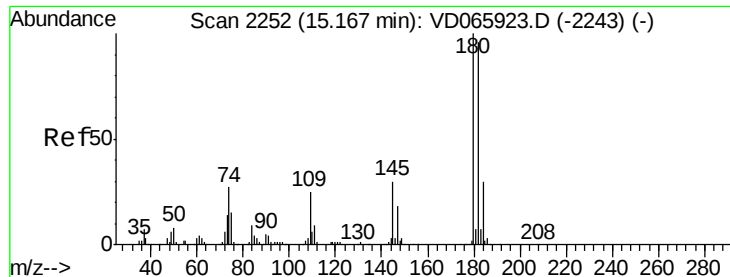


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

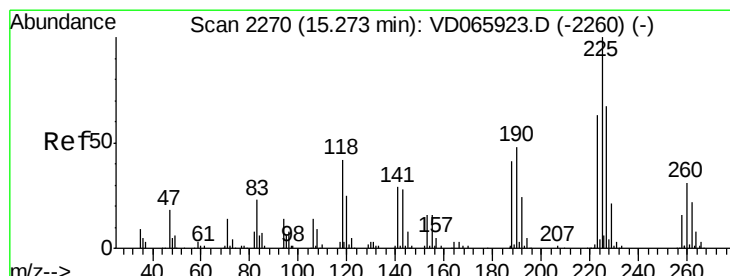
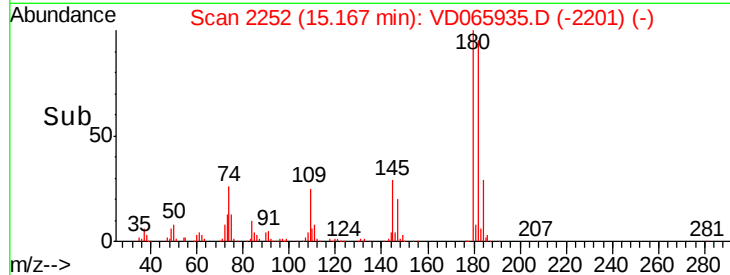
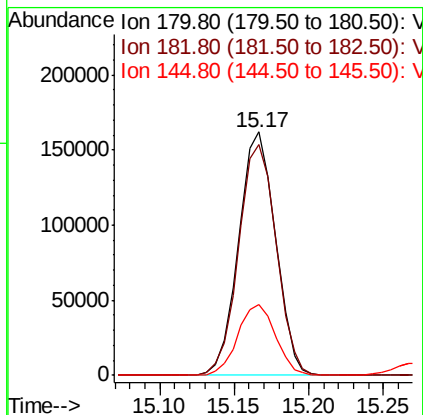
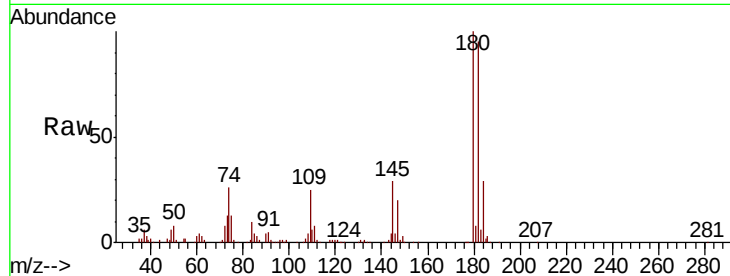




#93
 1,2,4-Trichlorobenzene
 Concen: 48.960 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

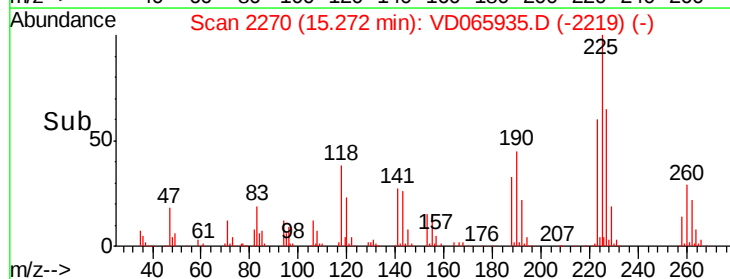
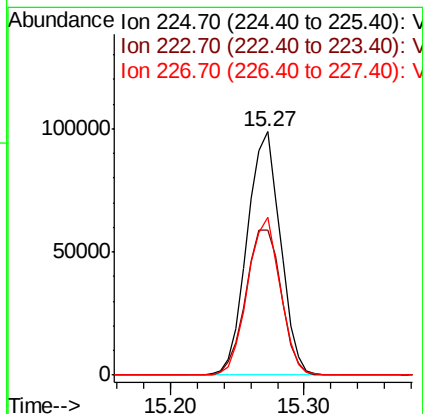
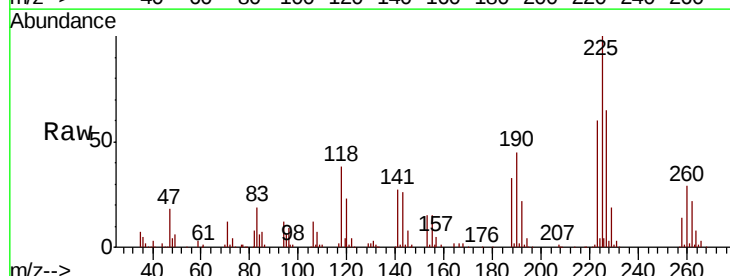
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

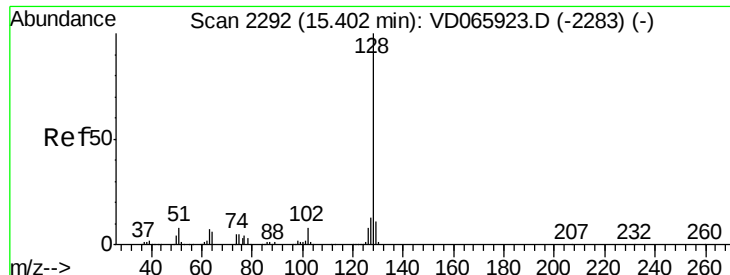
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.5	145.6
145	30.0	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 49.607 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.1	93.2
227	63.4	31.6	95.0

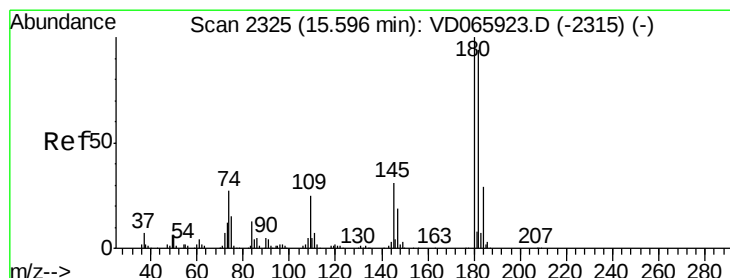
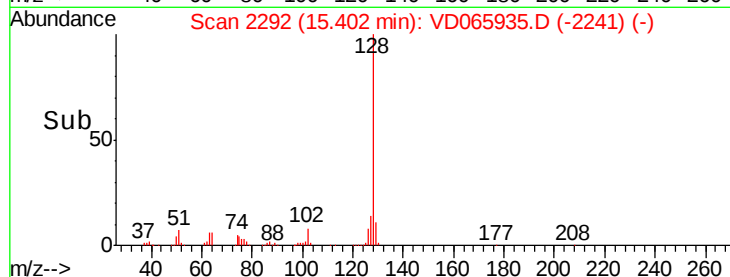
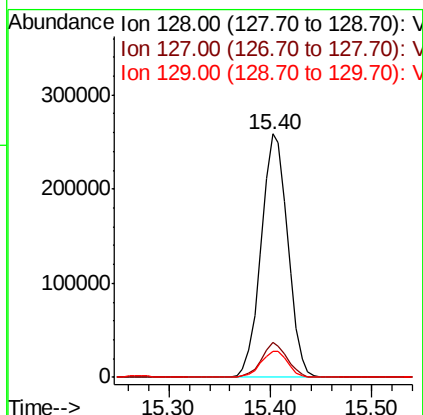
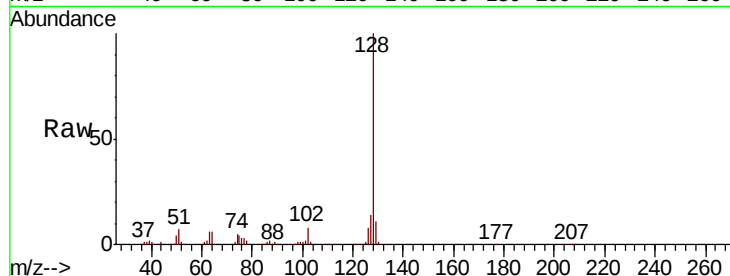




#95
Naphthalene
Concen: 49.575 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.8	16.2
129	10.9	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 48.548 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.6	142.8
145	31.9	16.1	48.2

