

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
 Data File : VD066130.D
 Acq On : 06 Aug 2020 11:15
 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: Aug 07 01:23:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	341191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	493619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	430769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	227403	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	154775	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
35) Dibromofluoromethane	7.91	113	160026	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	10.34	98	595637	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.63	95	203614	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	119843	39.868	ug/l	100
3) Chloromethane	2.20	50	94826	40.553	ug/l	93
4) Vinyl Chloride	2.34	62	91226	44.066	ug/l	100
5) Bromomethane	2.76	94	58231	42.396	ug/l	95
6) Chloroethane	2.91	64	55343	43.551	ug/l	92
7) Trichlorofluoromethane	3.26	101	228195	42.280	ug/l	100
8) Diethyl Ether	3.70	74	66584	43.722	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.08	101	143089	44.672	ug/l	99
10) Methyl Iodide	4.29	142	123264	43.307	ug/l	99
11) Tert butyl alcohol	5.23	59	53235	231.381	ug/l #	90
12) 1,1-Dichloroethene	4.06	96	134415	44.484	ug/l	99
13) Acrolein	3.91	56	56655	233.830	ug/l	100
14) Allyl chloride	4.70	41	216159	47.220	ug/l	96
15) Acrylonitrile	5.41	53	145947	227.426	ug/l	98
16) Acetone	4.16	43	165977	287.373	ug/l	99
17) Carbon Disulfide	4.40	76	419573	43.672	ug/l	100
18) Methyl Acetate	4.71	43	64537	43.991	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	307553	44.407	ug/l	98
20) Methylene Chloride	4.96	84	158320	47.498	ug/l	98
21) trans-1,2-Dichloroethene	5.46	96	152189	43.844	ug/l	99
22) Diisopropyl ether	6.36	45	411535	45.461	ug/l	98
23) Vinyl Acetate	6.30	43	1259533	237.500	ug/l	99
24) 1,1-Dichloroethane	6.26	63	251771	44.941	ug/l	100
25) 2-Butanone	7.20	43	207481	244.242	ug/l	96
26) 2,2-Dichloropropane	7.20	77	235478	46.898	ug/l	100
27) cis-1,2-Dichloroethene	7.20	96	163765	44.980	ug/l	98
28) Bromochloromethane	7.54	49	103620	52.662	ug/l	94
29) Tetrahydrofuran	7.56	42	124005	235.610	ug/l	97
30) Chloroform	7.70	83	256457	43.596	ug/l	97
31) Cyclohexane	7.98	56	240366	45.073	ug/l	95
32) 1,1,1-Trichloroethane	7.89	97	241430	43.773	ug/l	99
36) 1,1-Dichloropropene	8.10	75	205835	44.375	ug/l	98
37) Ethyl Acetate	7.28	43	87375	47.542	ug/l	98
38) Carbon Tetrachloride	8.08	117	224597	43.420	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	259291	46.242	ug/l	99
40) Benzene	8.34	78	575155	44.698	ug/l	97
41) Methacrylonitrile	7.51	41	46070	42.634	ug/l	96
42) 1,2-Dichloroethane	8.41	62	164523	43.523	ug/l	99
43) Isopropyl Acetate	8.45	43	166713	46.039	ug/l	98
44) Trichloroethene	9.11	130	171966	44.350	ug/l	94
45) 1,2-Dichloropropane	9.38	63	139364	44.284	ug/l	99
46) Dibromomethane	9.47	93	76625	44.203	ug/l	98
47) Bromodichloromethane	9.66	83	195424	42.654	ug/l	91
48) Methyl methacrylate	9.45	41	84103	45.486	ug/l	97
49) 1,4-Dioxane	9.46	88	19903	893.672	ug/l	88
51) 4-Methyl-2-Pentanone	10.23	43	417902	224.678	ug/l	100
52) Toluene	10.40	92	370551	43.763	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	191869	44.128	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	226197	44.403	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	105124	42.114	ug/l	94
56) Ethyl methacrylate	10.66	69	136398	45.487	ug/l	98
57) 1,3-Dichloropropane	10.94	76	178346	43.037	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	372799	276.391	ug/l	100
59) 2-Hexanone	10.98	43	305666	234.158	ug/l	99
60) Dibromochloromethane	11.14	129	145322	42.170	ug/l	99
61) 1,2-Dibromoethane	11.24	107	103927	43.293	ug/l	98
64) Tetrachloroethene	10.87	164	145336	43.937	ug/l	97
65) Chlorobenzene	11.67	112	392027	44.830	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	148721	43.466	ug/l	100
67) Ethyl Benzene	11.74	91	696048	45.932	ug/l	99
68) m/p-Xylenes	11.85	106	541575	92.242	ug/l	99
69) o-Xylene	12.18	106	244118	45.708	ug/l	100
70) Styrene	12.20	104	433224	46.284	ug/l	99
71) Bromoform	12.36	173	89325	44.063	ug/l #	99
73) Isopropylbenzene	12.48	105	692123	45.595	ug/l	100
74) N-amyl acetate	12.29	43	155839	46.621	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	110491	42.687	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	149684	78.931	ug/l #	100
77) Bromobenzene	12.76	156	168955	43.238	ug/l	97
78) n-propylbenzene	12.82	91	802532	45.481	ug/l	100
79) 2-Chlorotoluene	12.91	91	446168	44.210	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	600299	47.287	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	39260	45.764	ug/l	98
82) 4-Chlorotoluene	13.01	91	492000	46.182	ug/l	99
83) tert-Butylbenzene	13.23	119	489683	43.861	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	569270	44.808	ug/l	98
85) sec-Butylbenzene	13.40	105	716009	47.502	ug/l	100
86) p-Isopropyltoluene	13.52	119	673074	47.609	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	326304	44.431	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	328204	44.811	ug/l	99
89) n-Butylbenzene	13.85	91	589535	46.543	ug/l	99
90) Hexachloroethane	14.11	117	129710	46.003	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	279848	43.087	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19465	43.755	ug/l	95

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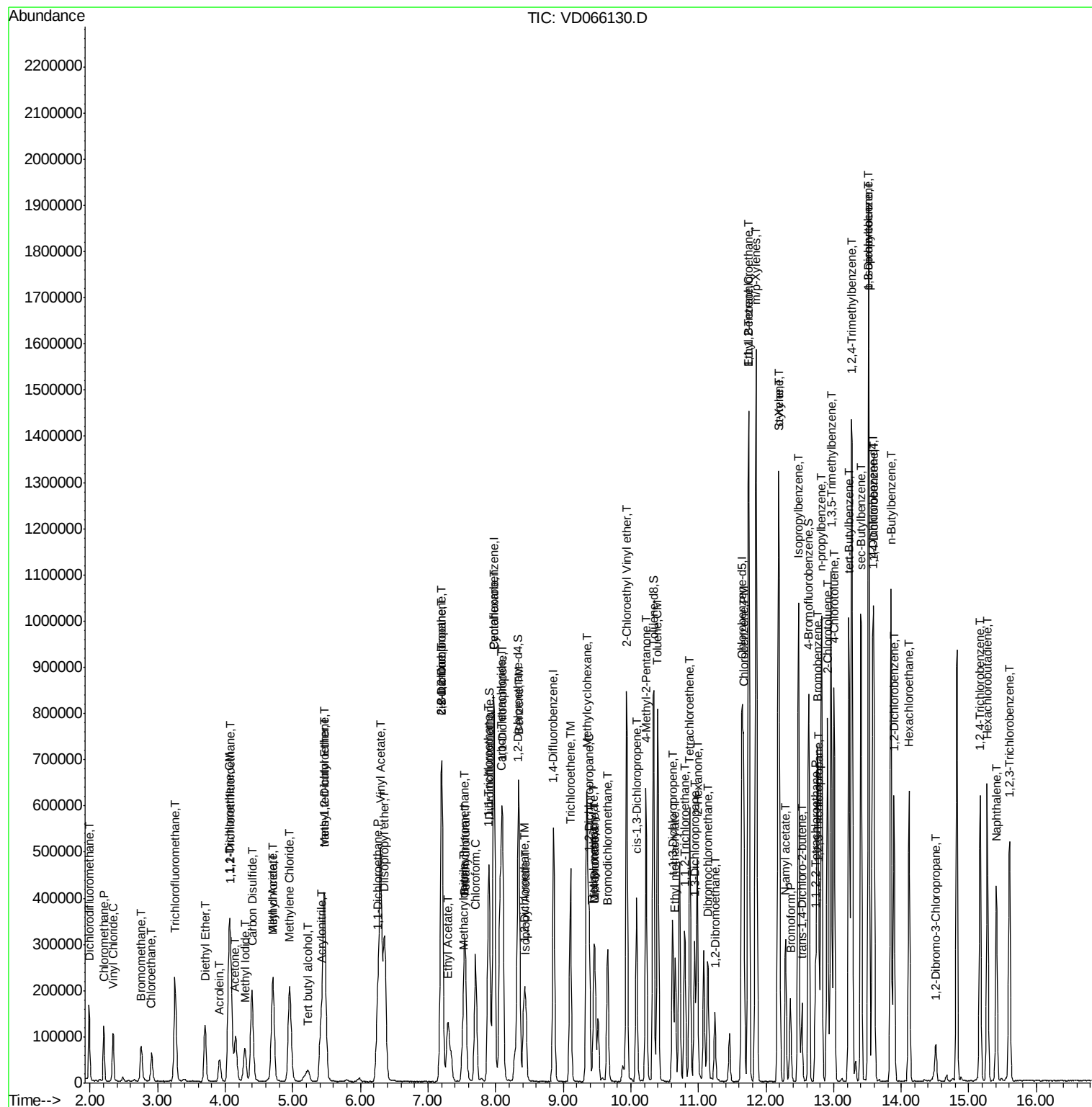
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	220886	46.149	ug/l	99
94) Hexachlorobutadiene	15.27	225	133251	47.277	ug/l	99
95) Naphthalene	15.41	128	376560	48.283	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	193997	45.913	ug/l	99

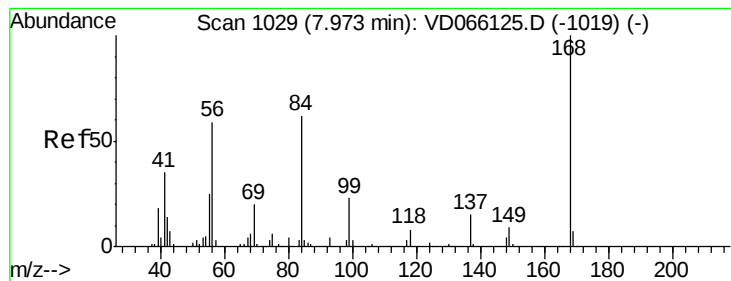
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

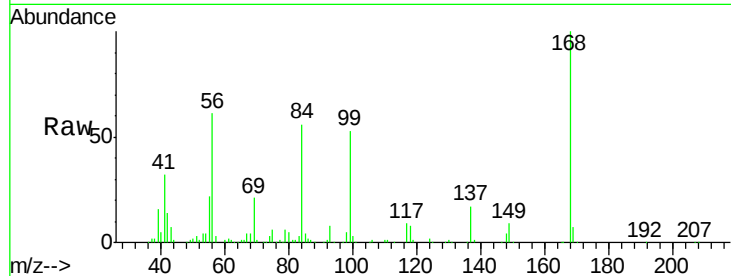
VSTDCCC050

Tot Ion:168 Resp: 341191

Ion Ratio Lower Upper

168 100

99 52.4 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

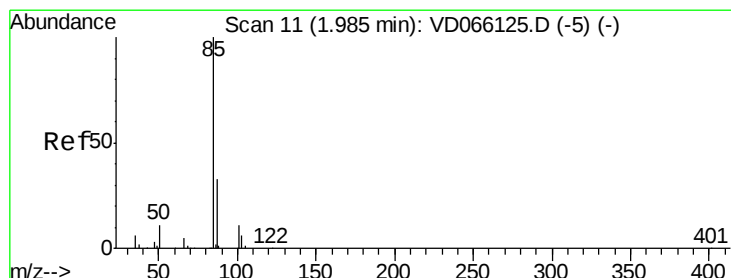
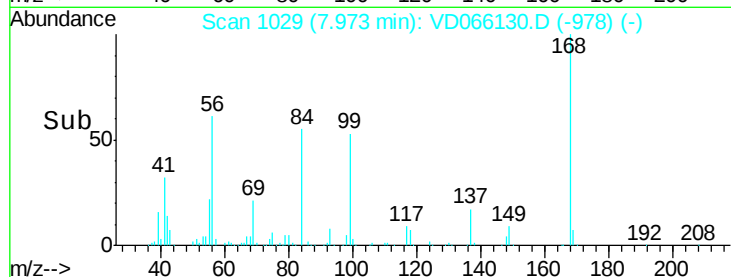
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 39.868 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066130.D

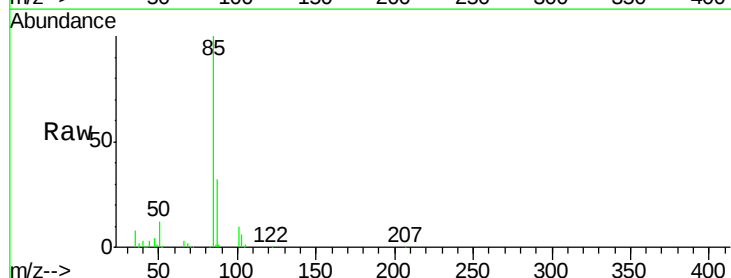
Acq: 06 Aug 2020 11:15

Tgt Ion: 85 Resp: 119843

Ion Ratio Lower Upper

85 100

87 32.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

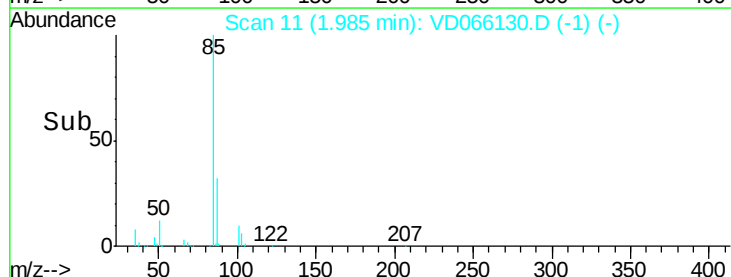
40000

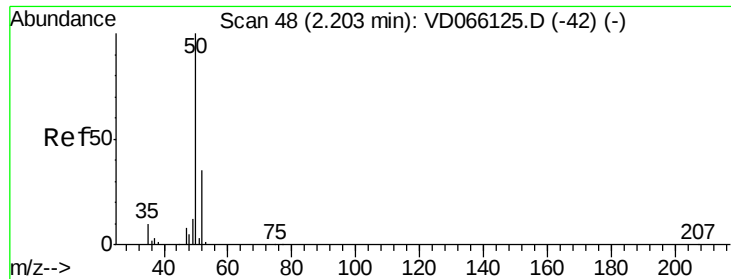
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 40.553 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

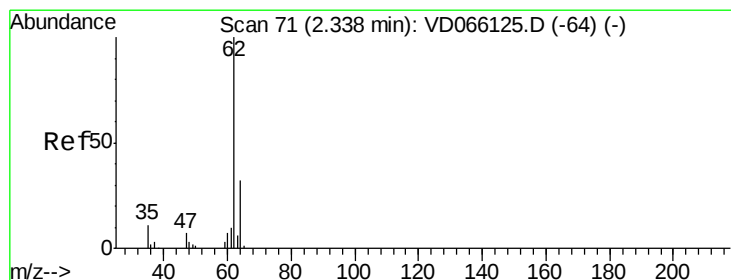
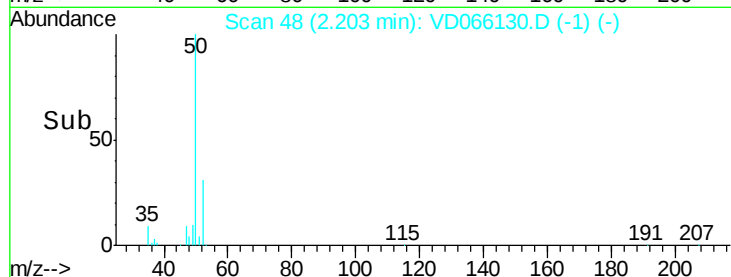
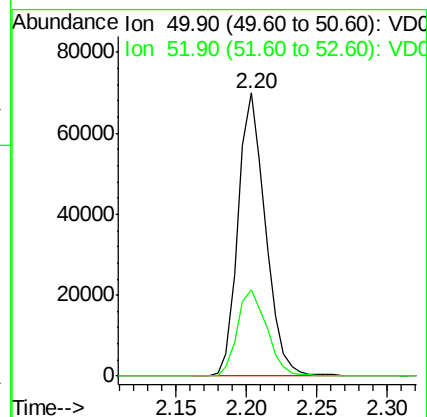
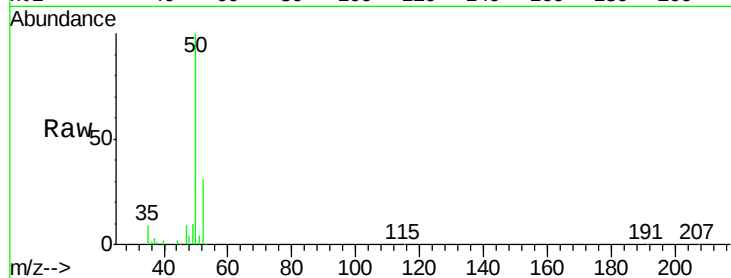
VSTDCCC050

Tot Ion: 50 Resp: 94826

Ion Ratio Lower Upper

50 100

52 30.7 27.9 41.9



#4

Vinyl Chloride

Concen: 44.066 ug/l

RT: 2.34 min Scan# 71

Delta R.T. 0.00 min

Lab File: VD066130.D

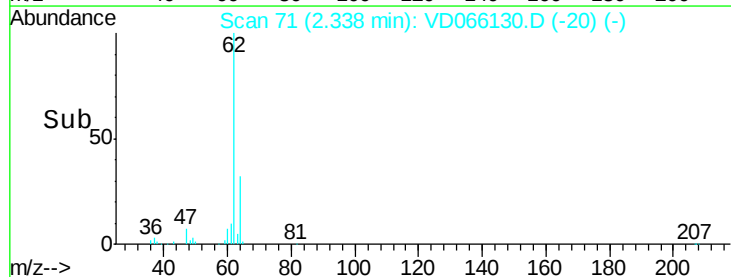
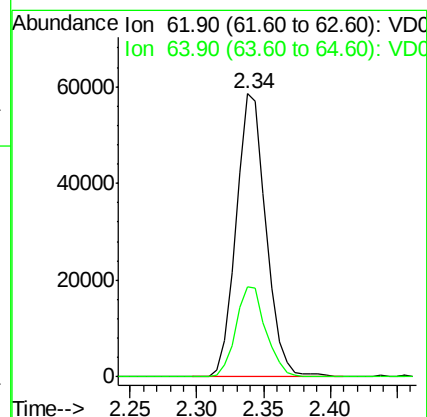
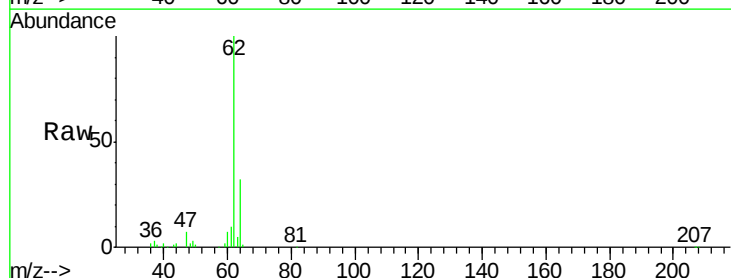
Acq: 06 Aug 2020 11:15

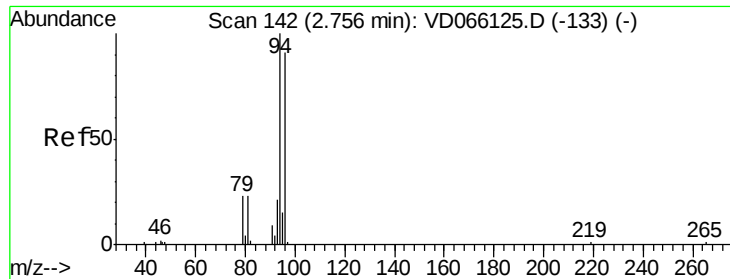
Tgt Ion: 62 Resp: 91226

Ion Ratio Lower Upper

62 100

64 32.1 25.8 38.8





#5

Bromomethane

Concen: 42.396 ug/l

RT: 2.76 min Scan# 142

Delta R.T. 0.00 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

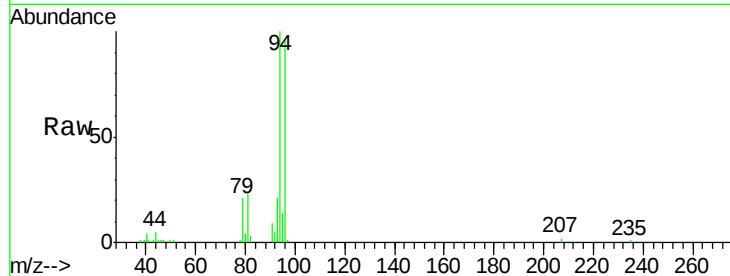
VSTDCCC050

Tot Ion: 94 Resp: 58231

Ion Ratio Lower Upper

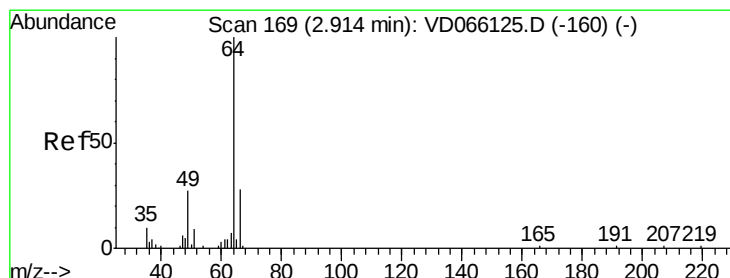
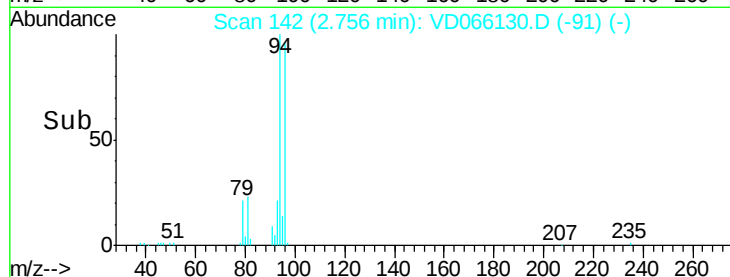
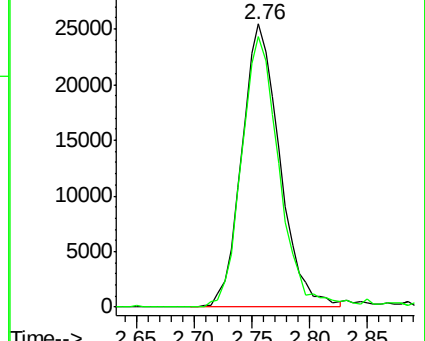
94 100

96 95.8 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 43.551 ug/l

RT: 2.91 min Scan# 169

Delta R.T. 0.00 min

Lab File: VD066130.D

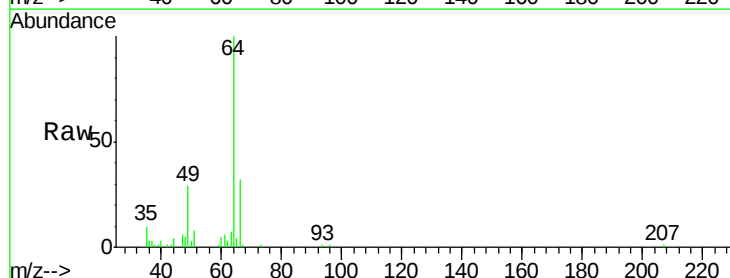
Acq: 06 Aug 2020 11:15

Tgt Ion: 64 Resp: 55343

Ion Ratio Lower Upper

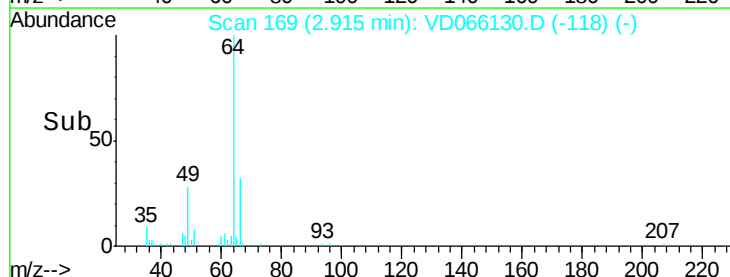
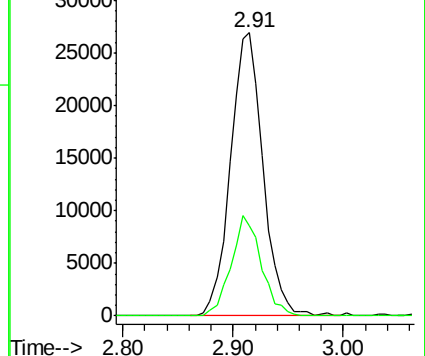
64 100

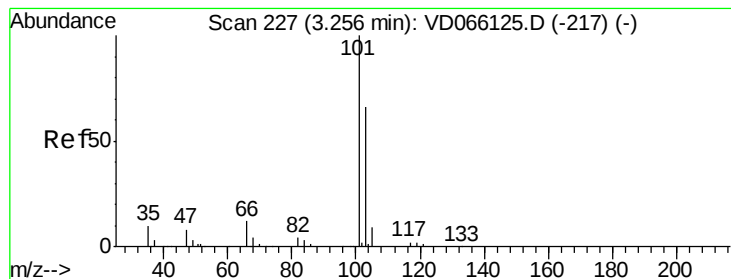
66 31.6 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



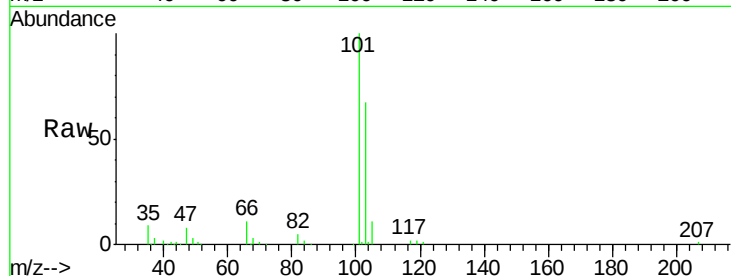


#7

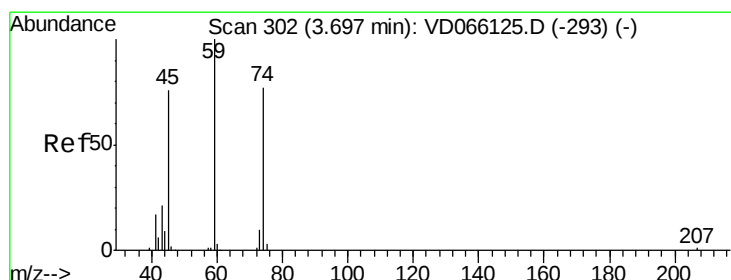
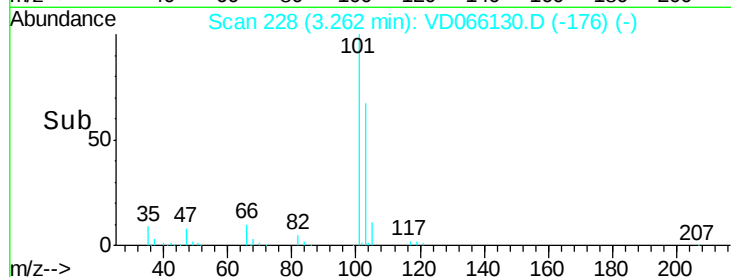
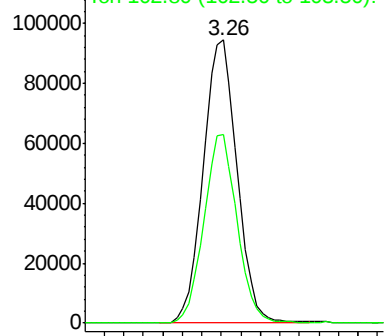
Trichlorofluoromethane
Concen: 42.280 ug/l
RT: 3.26 min Scan# 228
Delta R.T. 0.01 min
Lab File: VD066130.D
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Tot Ion:101 Resp: 228195
Ion Ratio Lower Upper
101 100
103 66.5 53.0 79.6



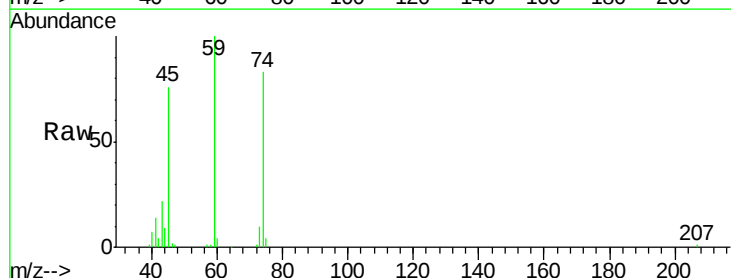
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



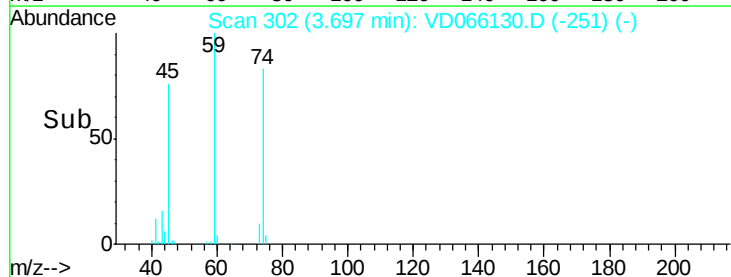
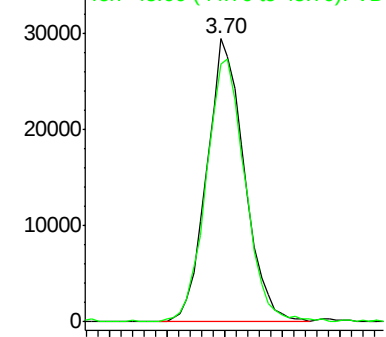
#8

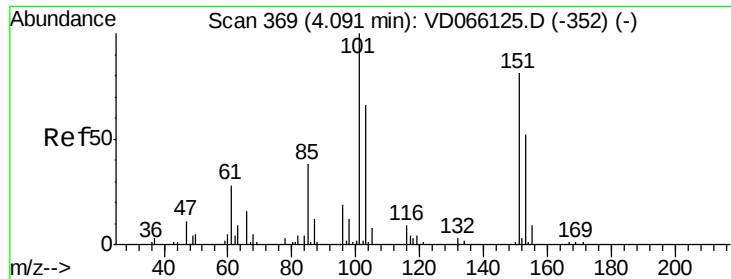
Diethyl Ether
Concen: 43.722 ug/l
RT: 3.70 min Scan# 302
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Tgt Ion: 74 Resp: 66584
Ion Ratio Lower Upper
74 100
45 96.5 48.4 145.2



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.672 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

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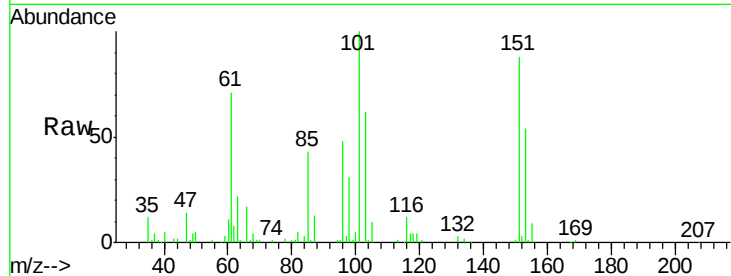
Tot Ion:101 Resp: 143089

Ion Ratio Lower Upper

101 100

85 42.4 33.5 50.3

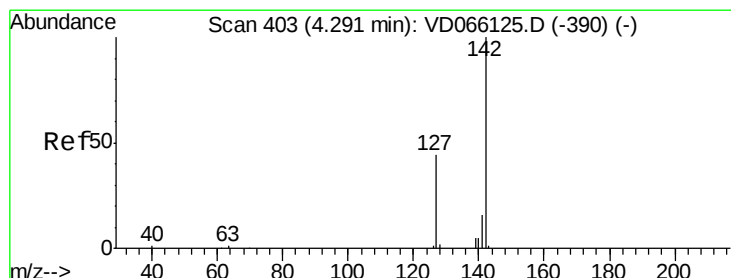
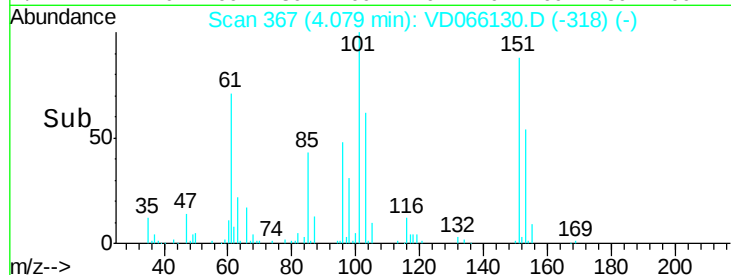
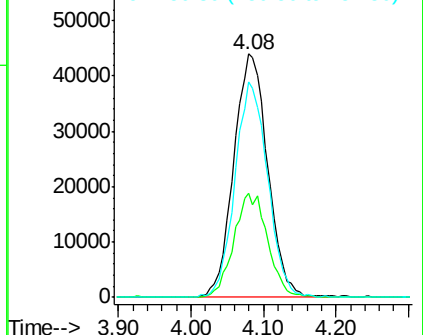
151 85.2 67.8 101.8



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: 43.307 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

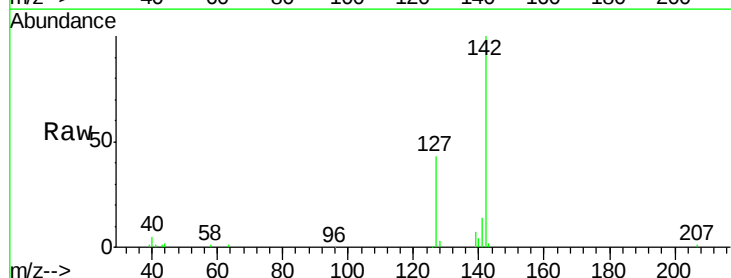
Tgt Ion:142 Resp: 123264

Ion Ratio Lower Upper

142 100

127 45.1 36.2 54.4

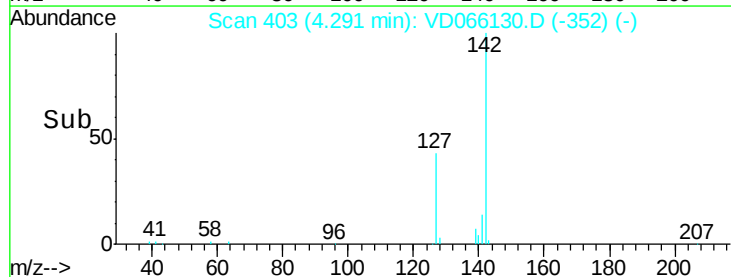
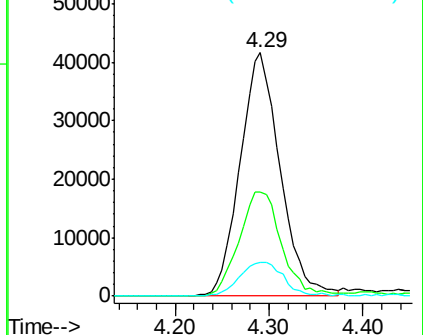
141 15.2 12.6 18.8

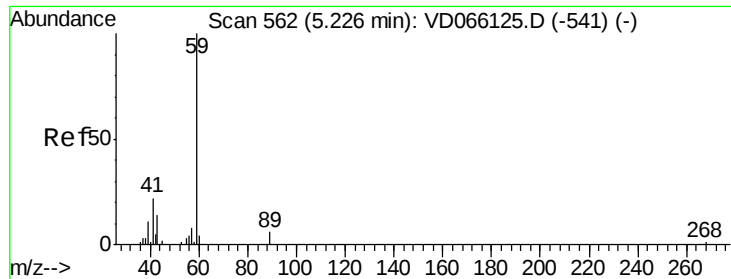


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

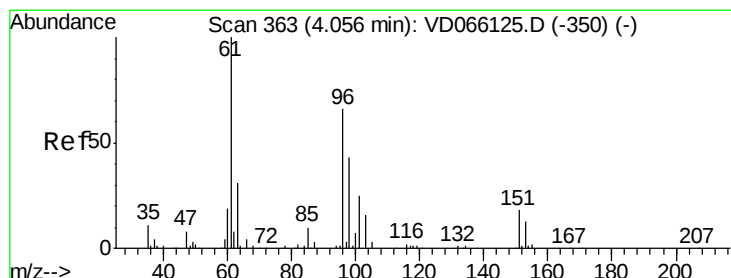
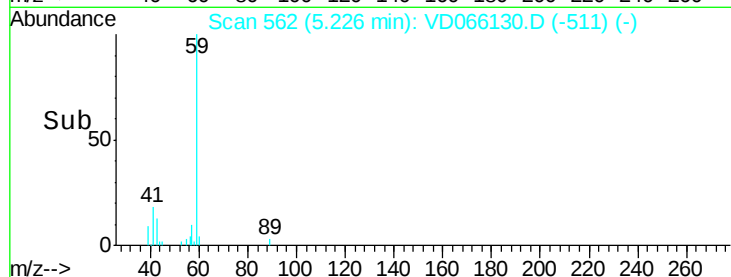
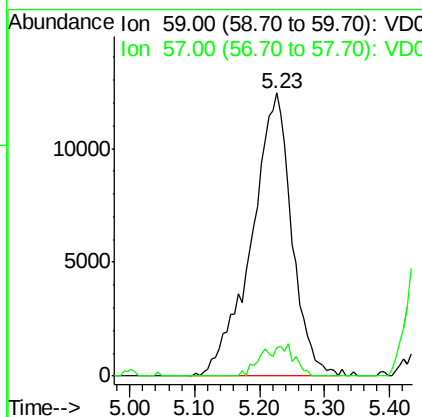
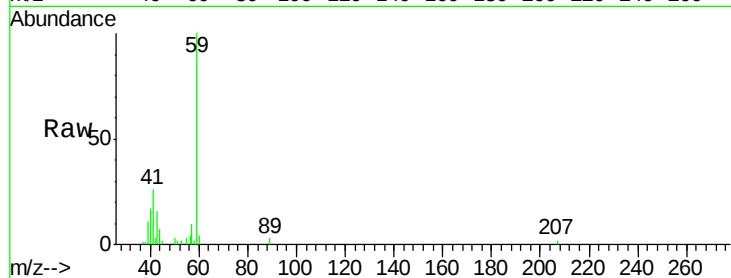




#11
Tert butyl alcohol
Concen: 231.381 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

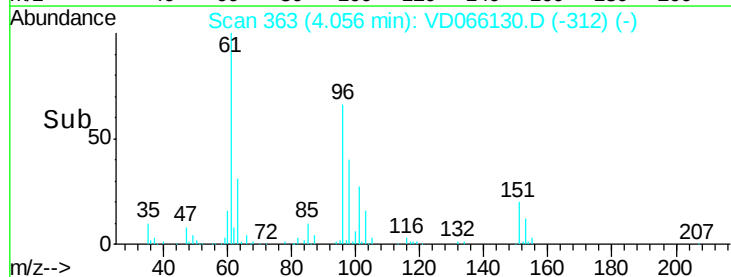
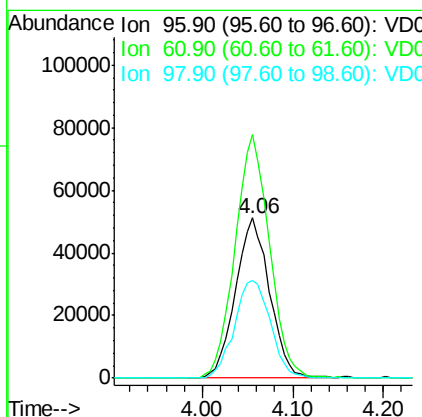
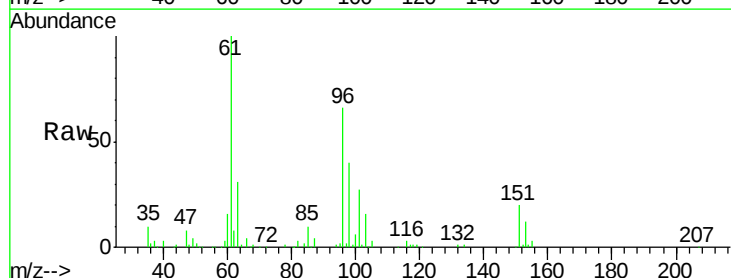
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

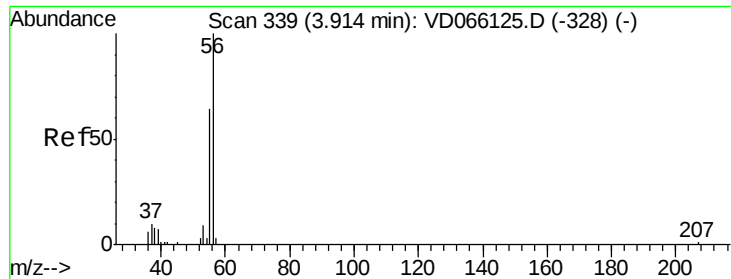
Tot Ion: 59 Resp: 53235
Ion Ratio Lower Upper
59 100
57 5.0 7.0 10.4#



#12
1,1-Dichloroethene
Concen: 44.484 ug/l
RT: 4.06 min Scan# 363
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Tgt Ion: 96 Resp: 134415
Ion Ratio Lower Upper
96 100
61 152.1 121.6 182.4
98 61.4 52.0 78.0





#13

Acrolein

Concen: 233.830 ug/l

RT: 3.91 min Scan# 339

Delta R.T. 0.00 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

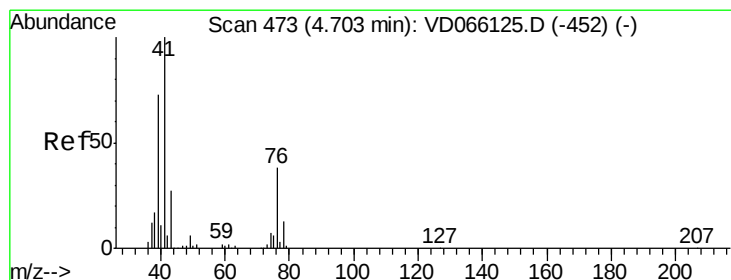
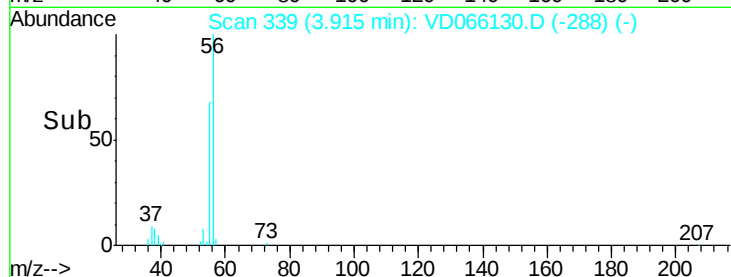
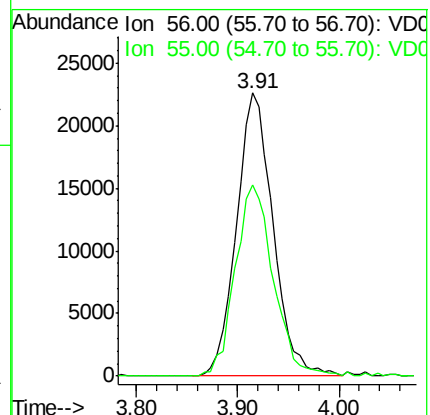
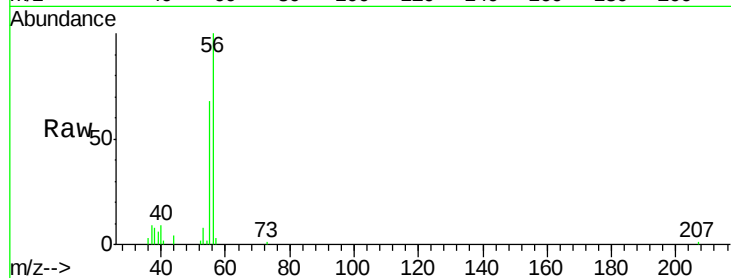
VSTDCCC050

Tot Ion: 56 Resp: 56655

Ion Ratio Lower Upper

56 100

55 70.6 56.7 85.1



#14

Allyl chloride

Concen: 47.220 ug/l

RT: 4.70 min Scan# 473

Delta R.T. 0.00 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

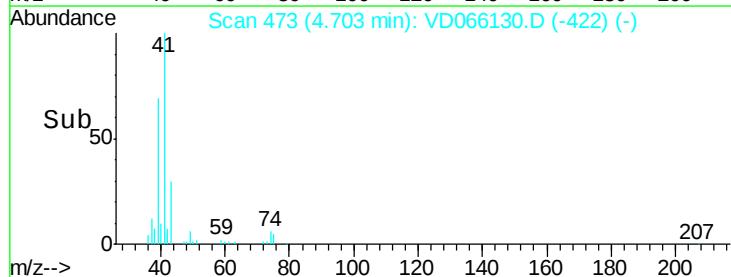
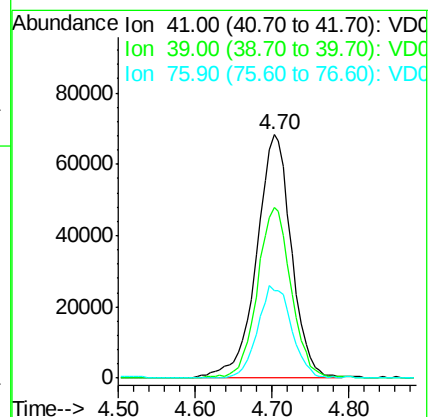
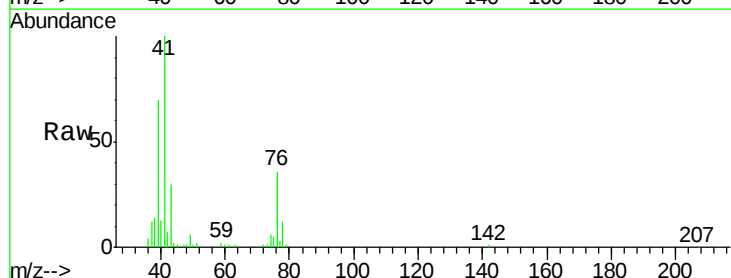
Tgt Ion: 41 Resp: 216159

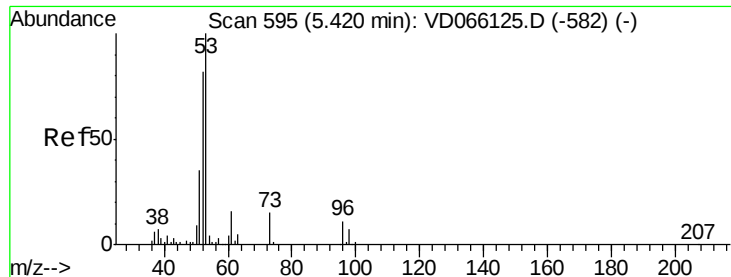
Ion Ratio Lower Upper

41 100

39 67.8 57.4 86.0

76 36.7 30.1 45.1





#15

Acrylonitrile

Concen: 227.426 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

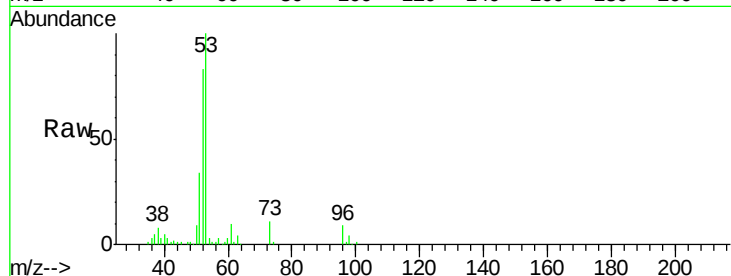
Tot Ion: 53 Resp: 145947

Ion Ratio Lower Upper

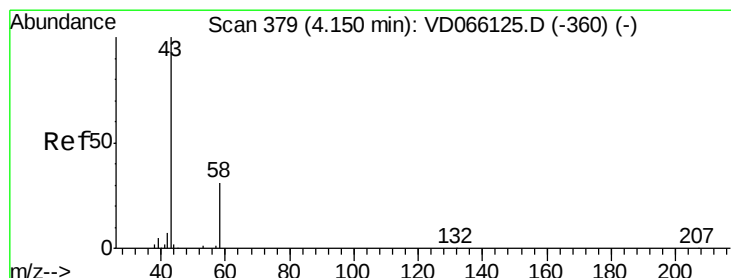
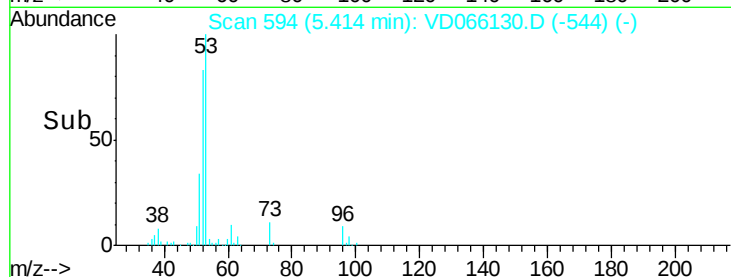
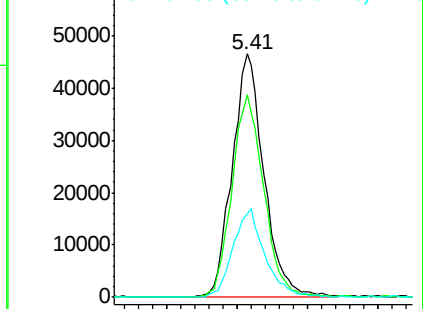
53 100

52 83.4 66.1 99.1

51 36.7 30.8 46.2



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



#16

Acetone

Concen: 287.373 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066130.D

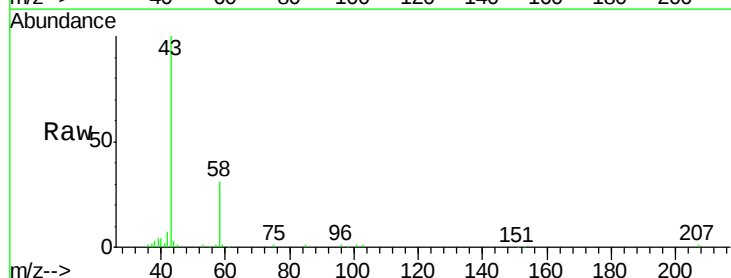
Acq: 06 Aug 2020 11:15

Tgt Ion: 43 Resp: 165977

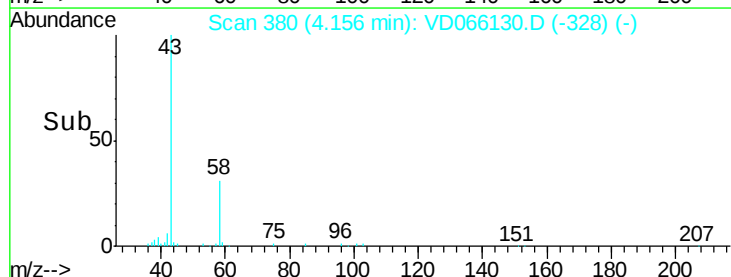
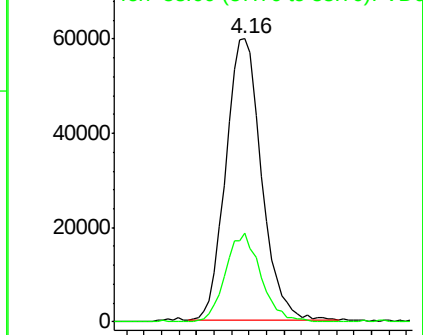
Ion Ratio Lower Upper

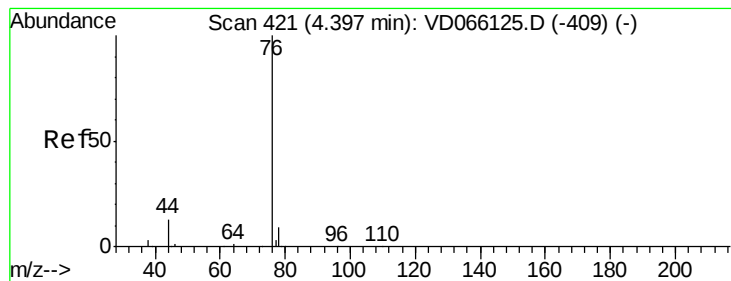
43 100

58 31.3 24.7 37.1



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





#17

Carbon Disulfide

Concen: 43.672 ug/l

RT: 4.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

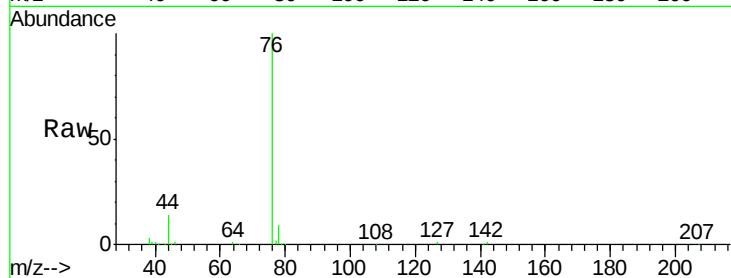
VSTDCCC050

Tot Ion: 76 Resp: 419573

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

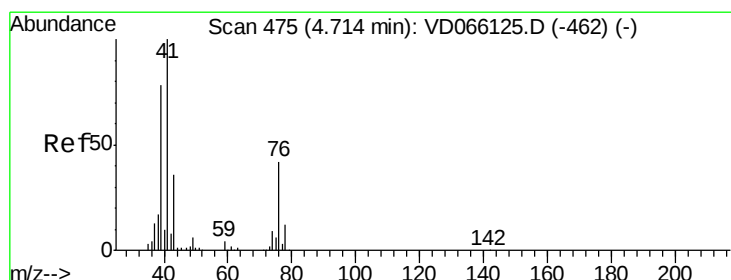
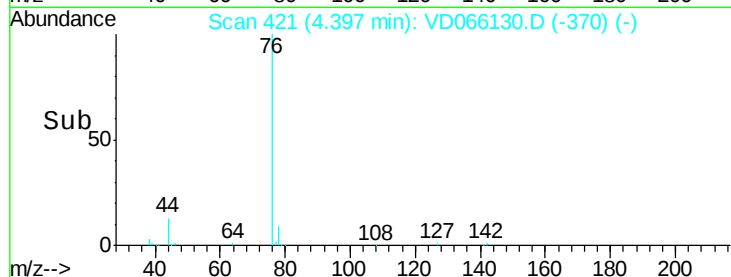
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 43.991 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066130.D

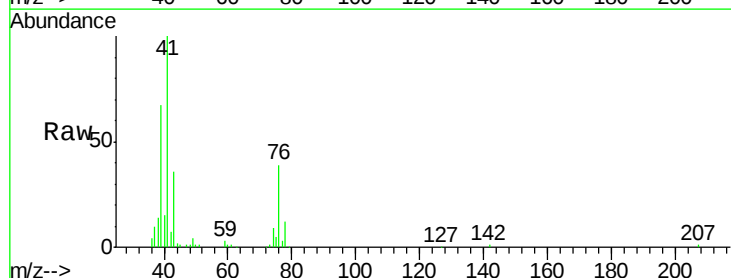
Acq: 06 Aug 2020 11:15

Tgt Ion: 43 Resp: 64537

Ion Ratio Lower Upper

43 100

74 24.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

25000

20000

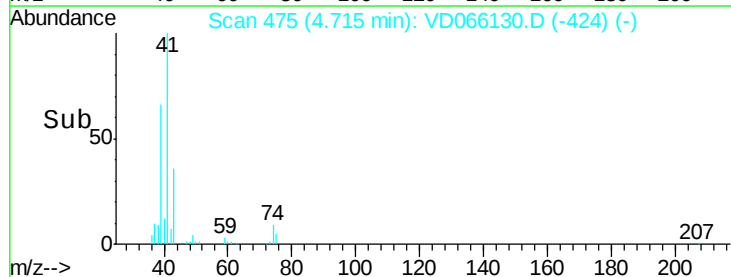
15000

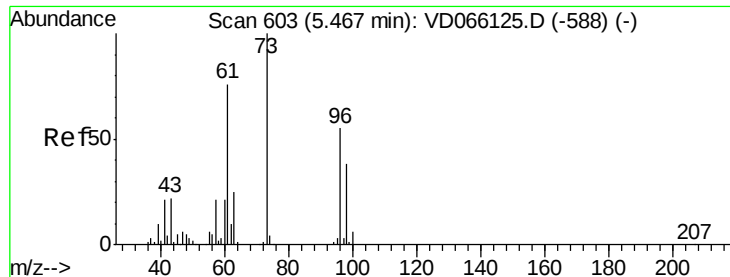
10000

5000

0

Time-->

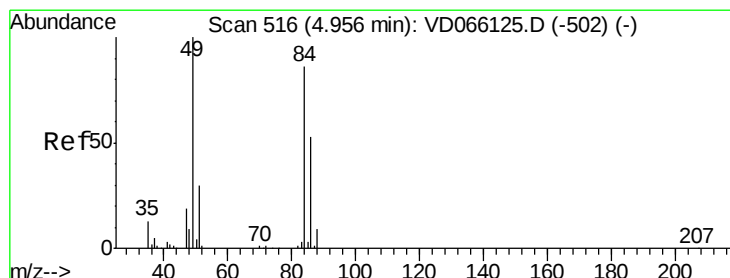
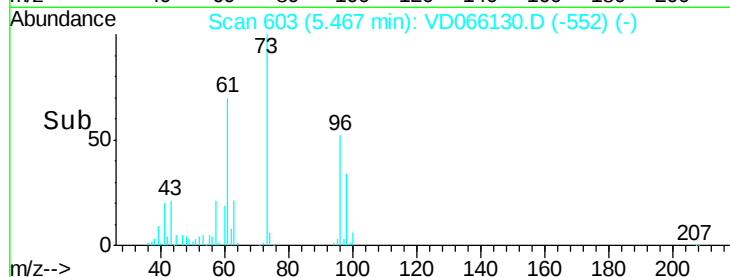
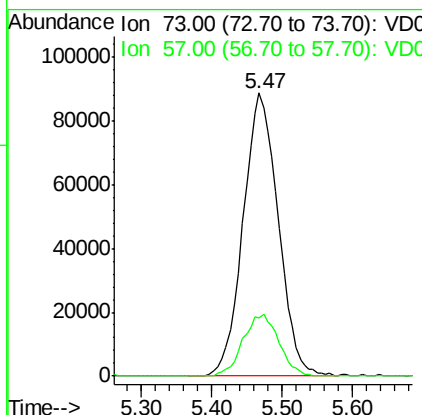
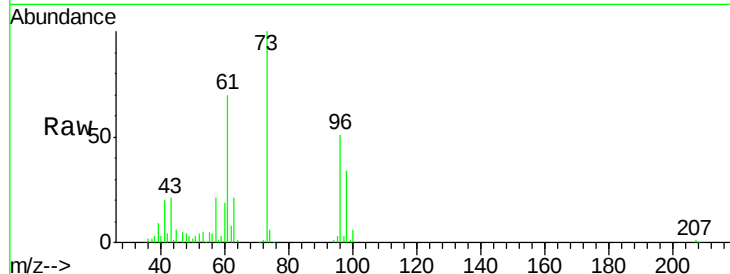




#19
Methyl tert-butyl Ether
Concen: 44.407 ug/l
RT: 5.47 min Scan# 603
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

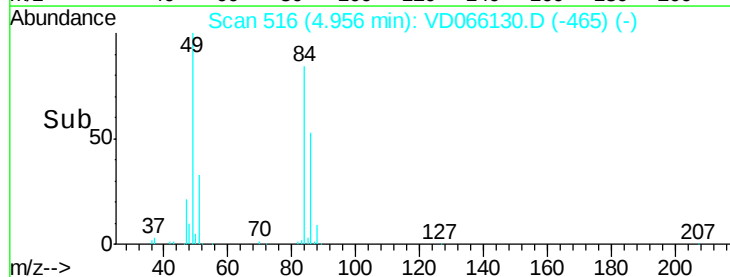
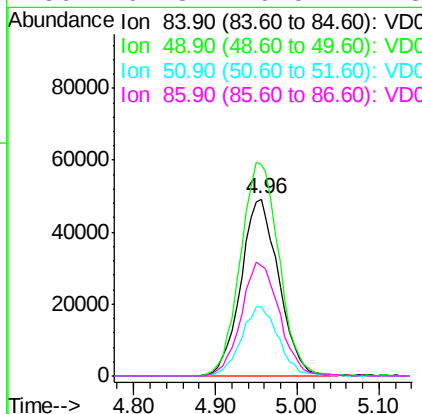
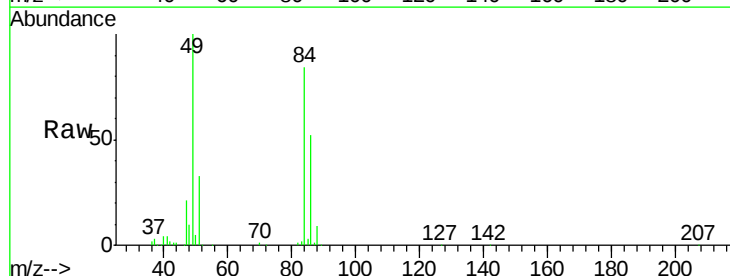
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

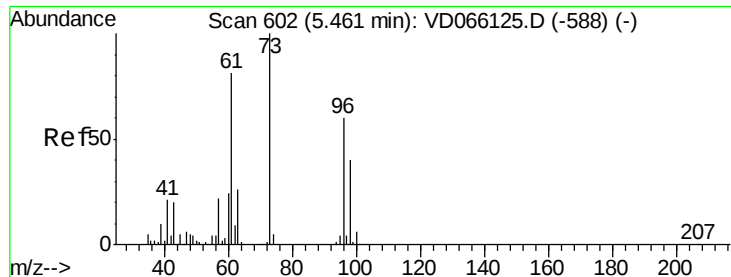
Tot Ion: 73 Resp: 307553
Ion Ratio Lower Upper
73 100
57 20.5 17.1 25.7



#20
Methylene Chloride
Concen: 47.498 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Tgt Ion: 84 Resp: 158320
Ion Ratio Lower Upper
84 100
49 119.1 93.5 140.3
51 39.2 28.2 42.4
86 62.3 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 43.844 ug/l

RT: 5.46 min Scan# 601

Delta R.T. -0.01 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

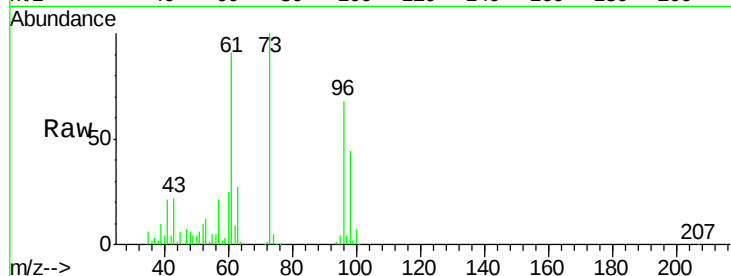
Tot Ion: 96 Resp: 152189

Ion Ratio Lower Upper

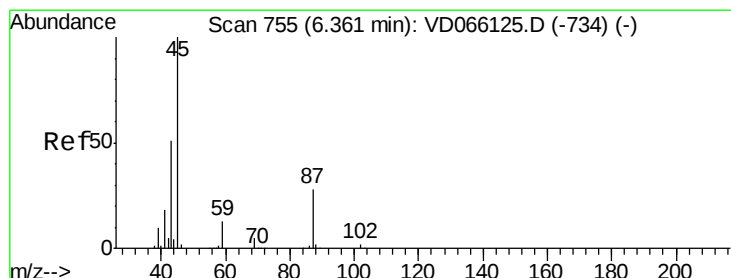
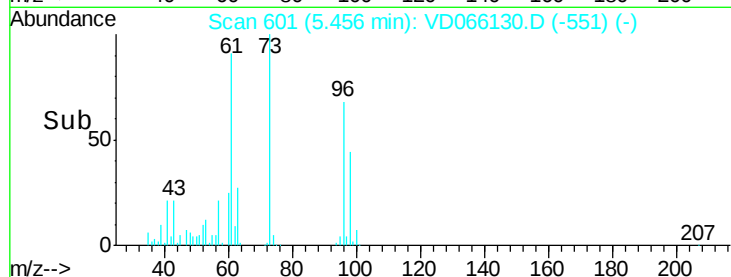
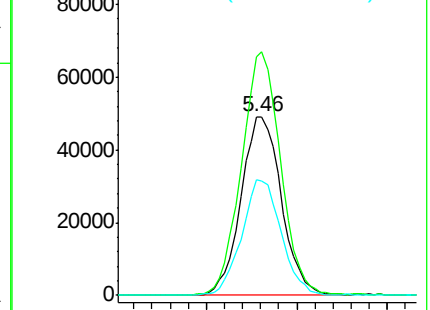
96 100

61 133.4 106.9 160.3

98 64.3 53.4 80.0



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



#22

Diisopropyl ether

Concen: 45.461 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Tgt Ion: 45 Resp: 411535

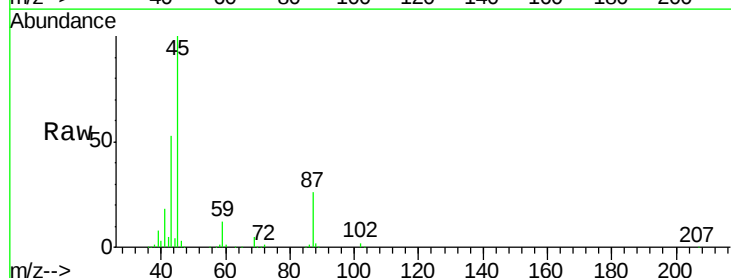
Ion Ratio Lower Upper

45 100

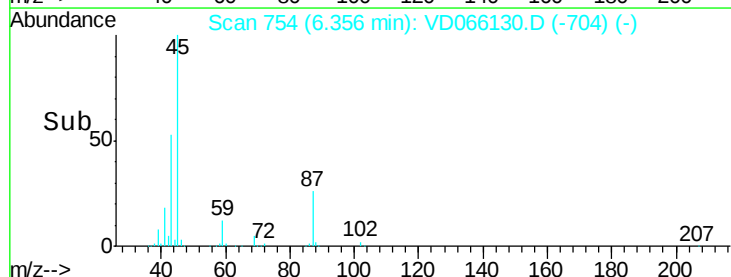
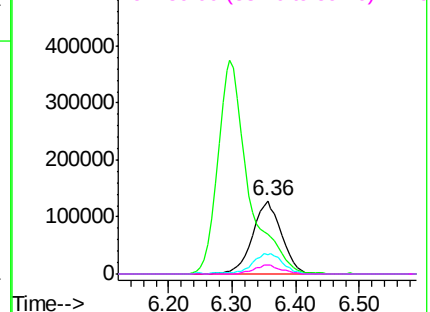
43 52.5 41.2 61.8

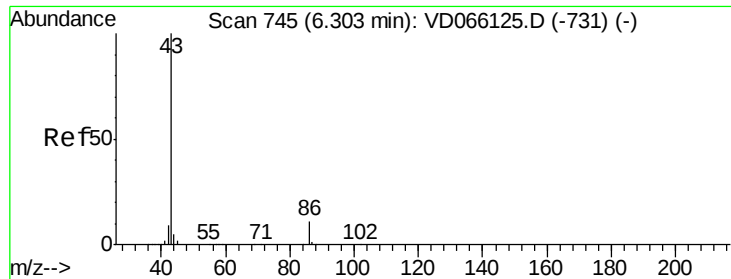
87 26.5 22.8 34.2

59 12.3 10.2 15.2



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: 237.500 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

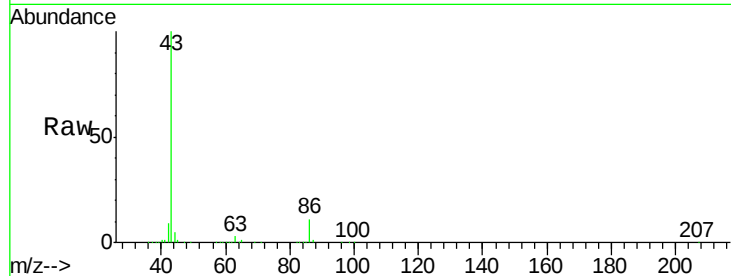
VSTDCCC050

Tot Ion: 43 Resp: 1259533

Ion Ratio Lower Upper

43 100

86 10.9 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

400000

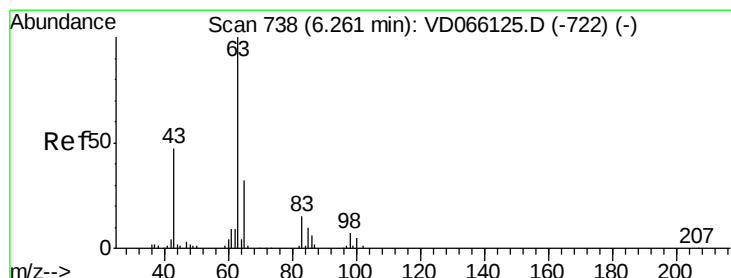
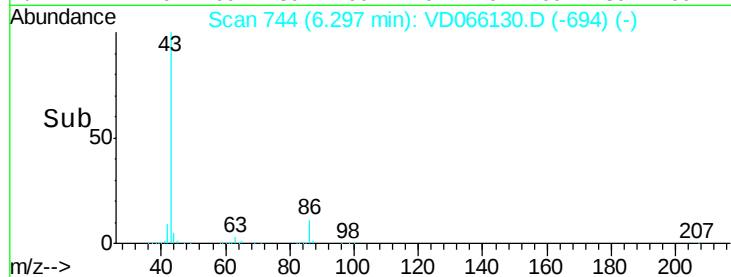
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 44.941 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

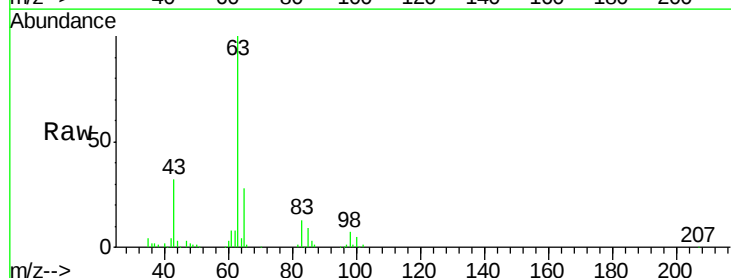
Tgt Ion: 63 Resp: 251771

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.9 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

100000

80000

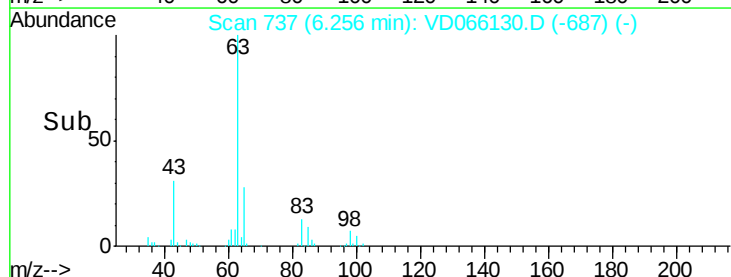
60000

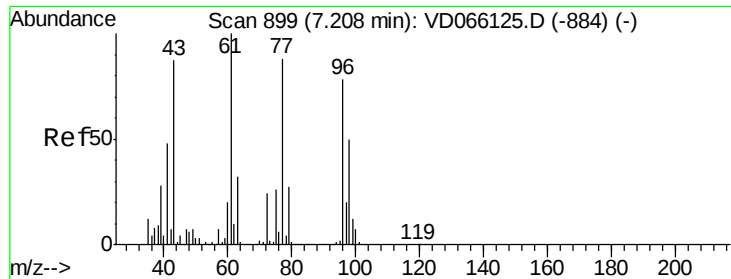
40000

20000

0

Time-->





#25

2-Butanone

Concen: 244.242 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

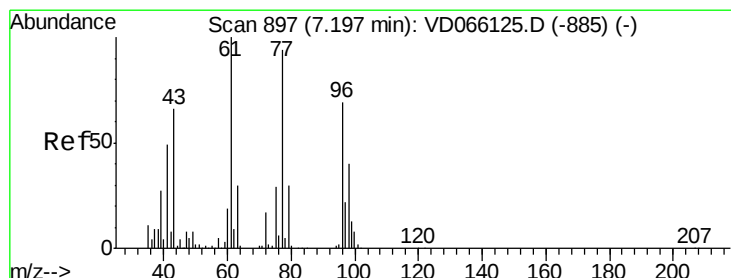
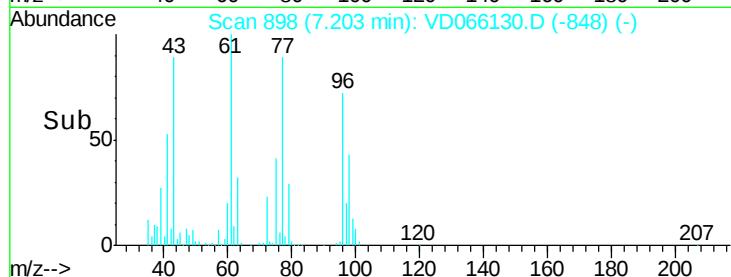
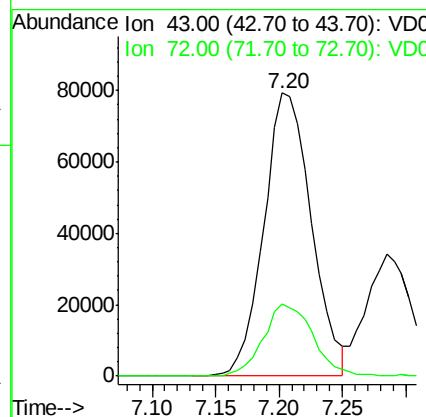
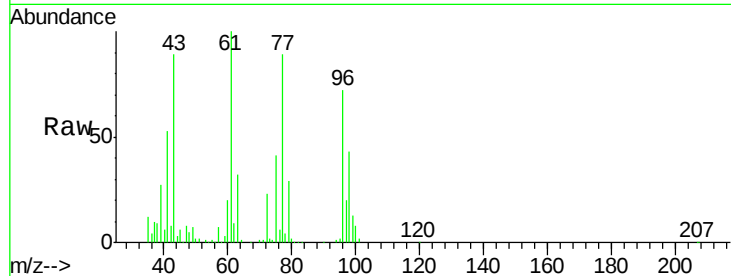
VSTDCCC050

Tot Ion: 43 Resp: 207481

Ion Ratio Lower Upper

43 100

72 25.4 22.2 33.2



#26

2,2-Dichloropropane

Concen: 46.898 ug/l

RT: 7.20 min Scan# 897

Delta R.T. 0.00 min

Lab File: VD066130.D

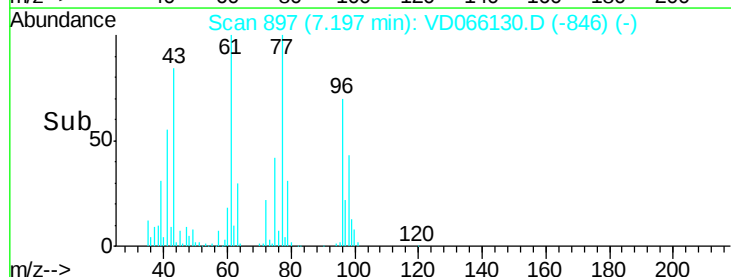
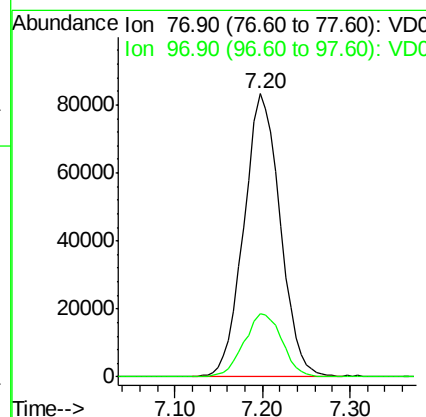
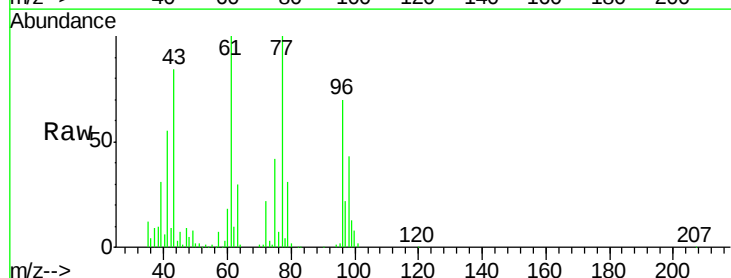
Acq: 06 Aug 2020 11:15

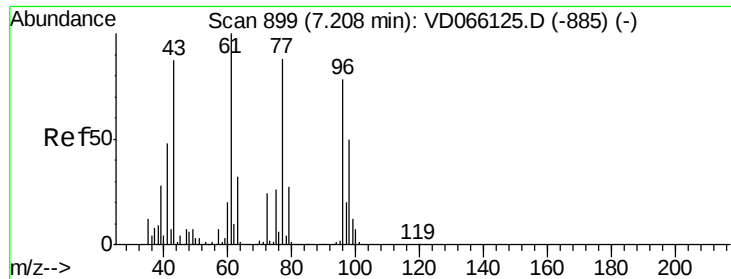
Tgt Ion: 77 Resp: 235478

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.3



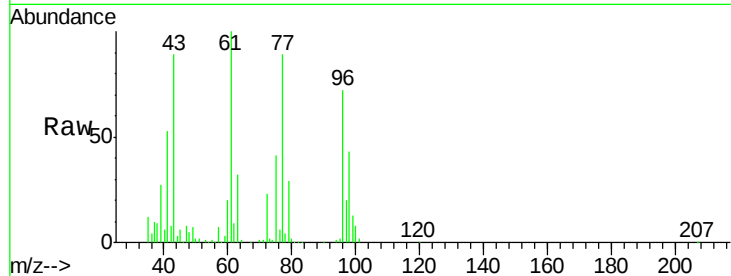


#27

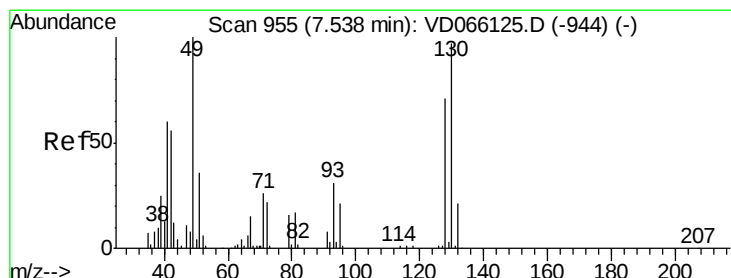
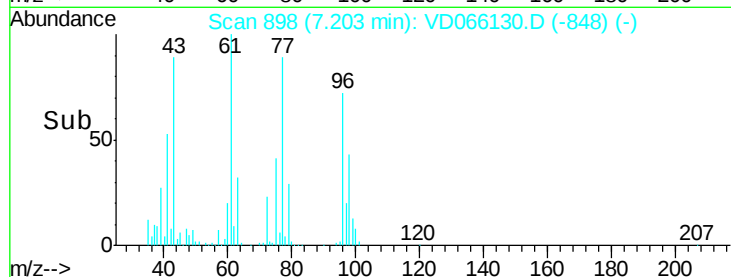
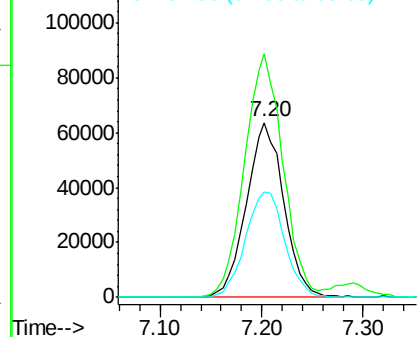
cis-1,2-Dichloroethene
Concen: 44.980 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 163765
Ion Ratio Lower Upper
96 100
61 142.9 0.0 281.6
98 63.2 0.0 130.8



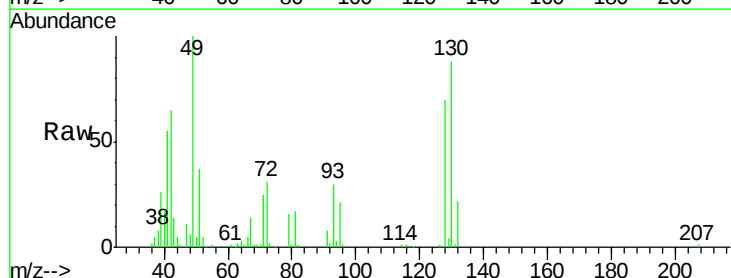
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



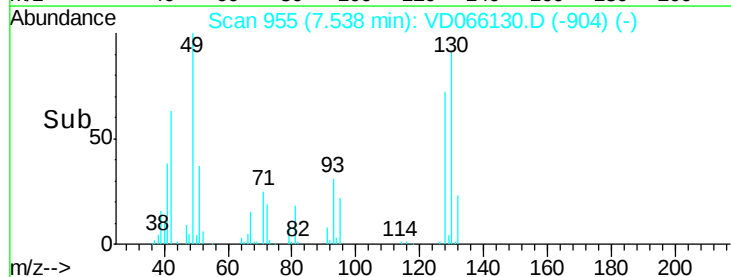
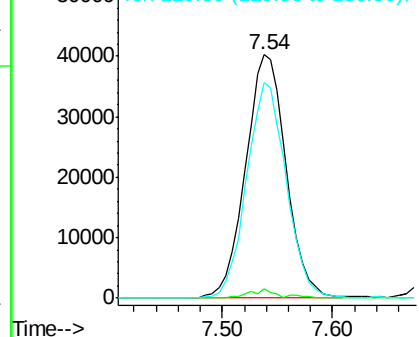
#28

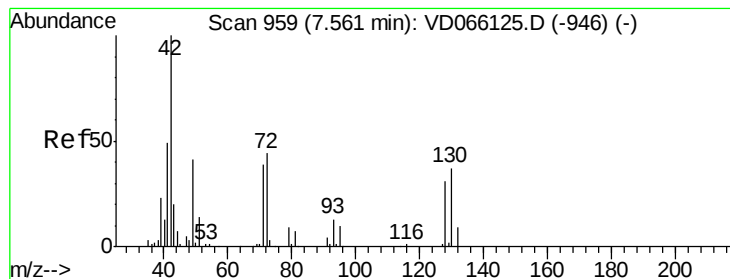
Bromochloromethane
Concen: 52.662 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Tgt Ion: 49 Resp: 103620
Ion Ratio Lower Upper
49 100
129 2.1 0.0 6.0
130 86.6 73.8 110.6



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





#29

Tetrahydrofuran

Concen: 235.610 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

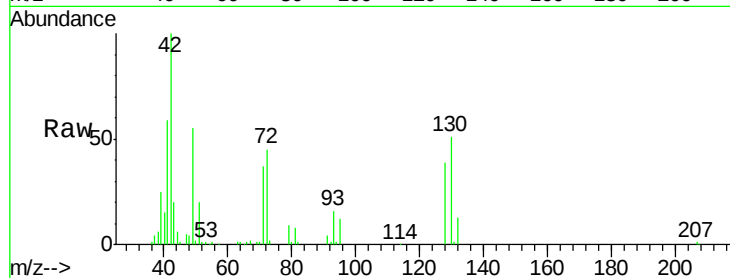
Tot Ion: 42 Resp: 124005

Ion Ratio Lower Upper

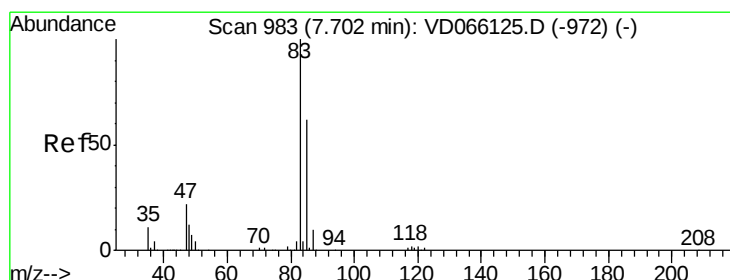
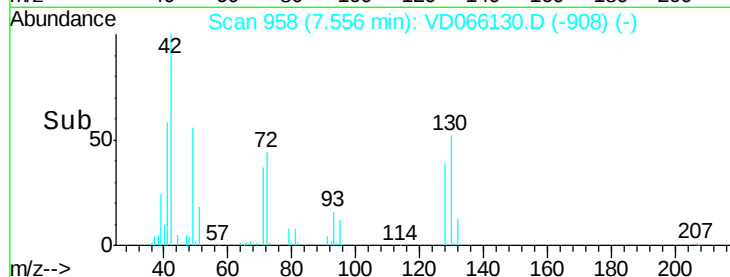
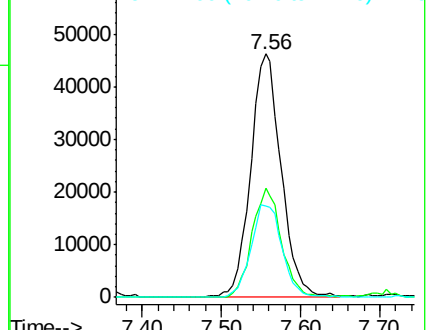
42 100

72 43.2 34.8 52.2

71 38.8 33.5 50.3



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: 43.596 ug/l

RT: 7.70 min Scan# 983

Delta R.T. 0.00 min

Lab File: VD066130.D

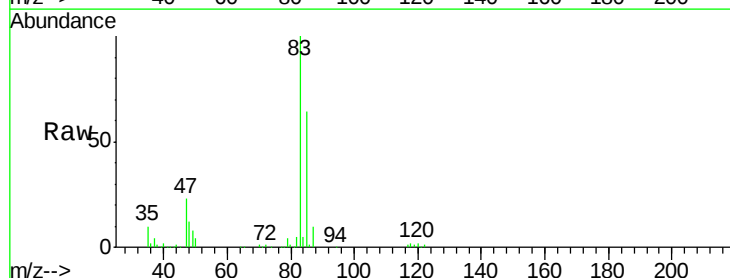
Acq: 06 Aug 2020 11:15

Tgt Ion: 83 Resp: 256457

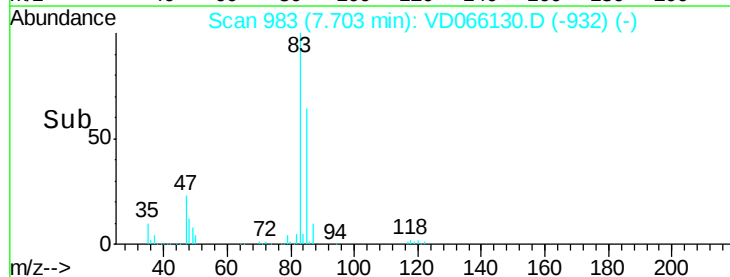
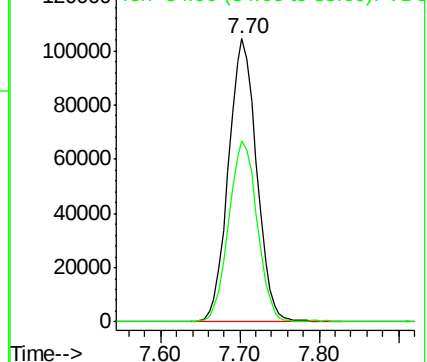
Ion Ratio Lower Upper

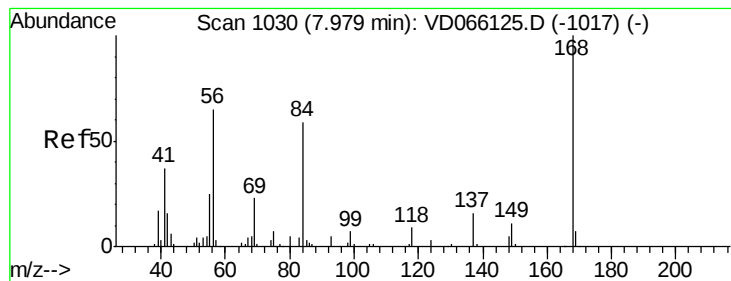
83 100

85 64.0 49.5 74.3



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





#31

Cyclohexane

Concen: 45.073 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

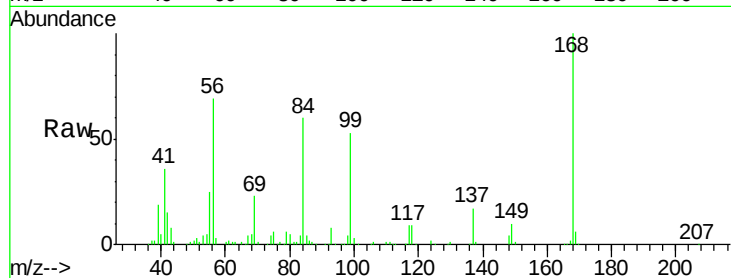
Tot Ion: 56 Resp: 240366

Ion Ratio Lower Upper

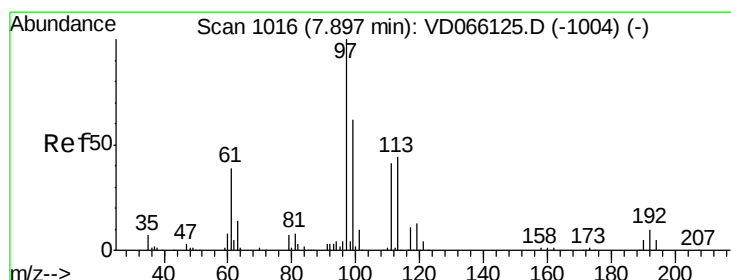
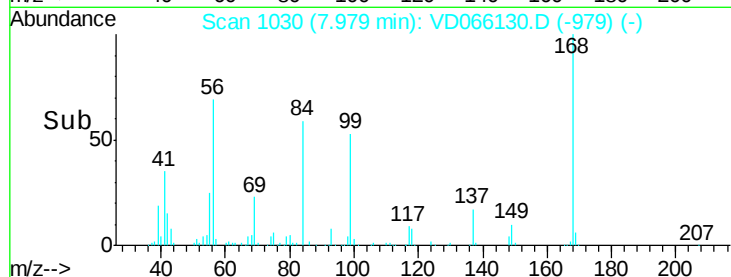
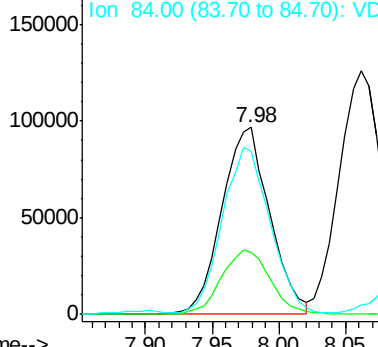
56 100

69 33.2 28.8 43.2

84 86.1 73.0 109.6



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



#32

1,1,1-Trichloroethane

Concen: 43.773 ug/l

RT: 7.89 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

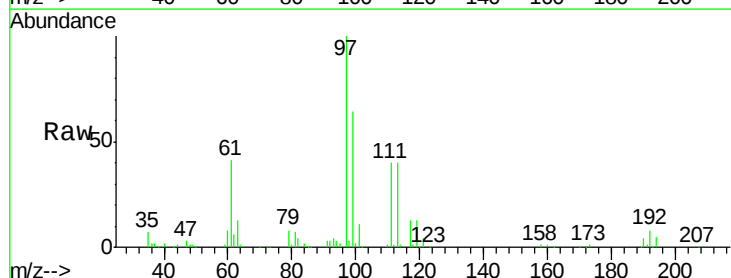
Tgt Ion: 97 Resp: 241430

Ion Ratio Lower Upper

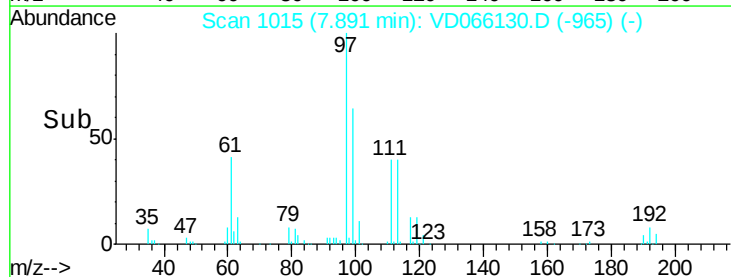
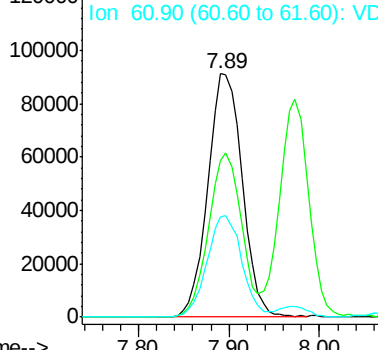
97 100

99 64.4 51.1 76.7

61 42.0 32.7 49.1



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





#33

1,2-Dichloroethane-d4

Concen: 50.847 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

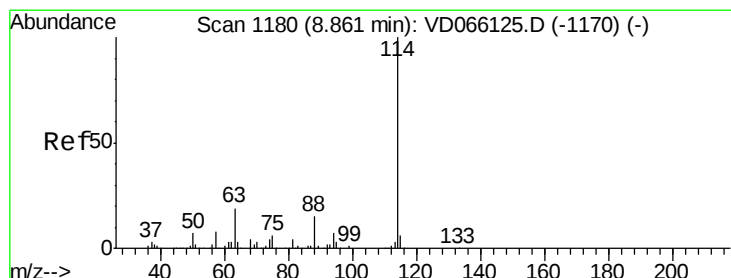
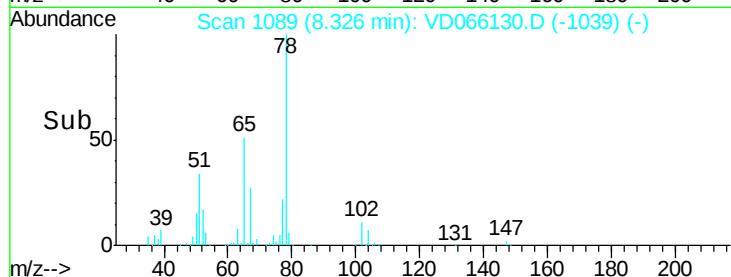
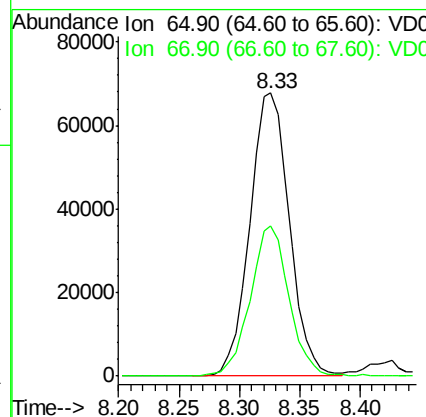
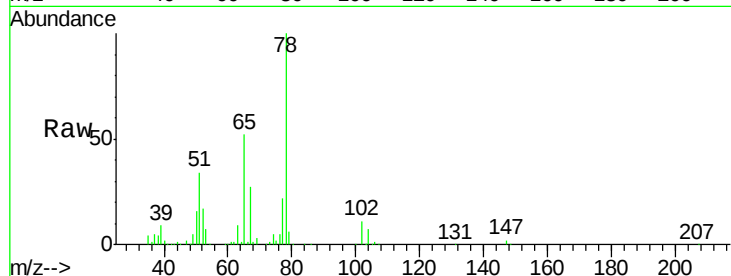
VSTDCCC050

Tot Ion: 65 Resp: 154775

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

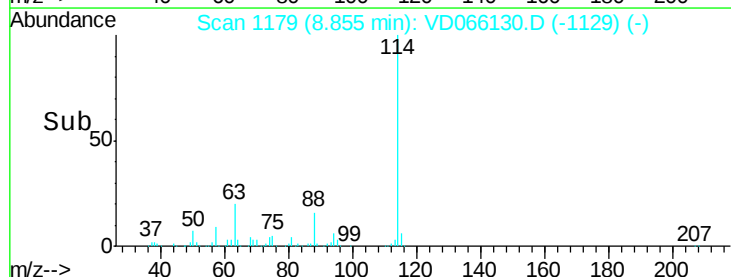
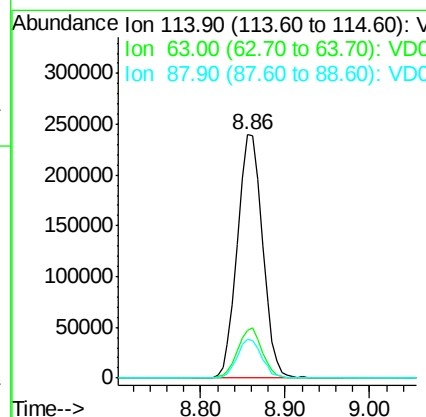
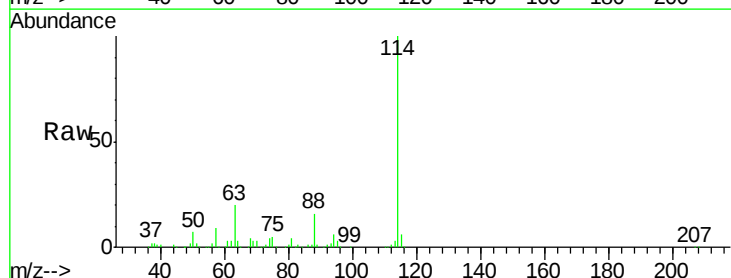
Tgt Ion: 114 Resp: 493619

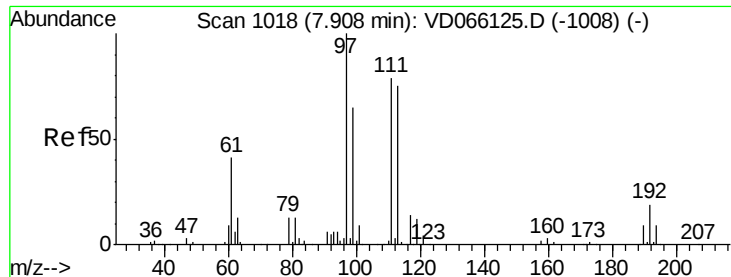
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

88 16.0 0.0 30.0

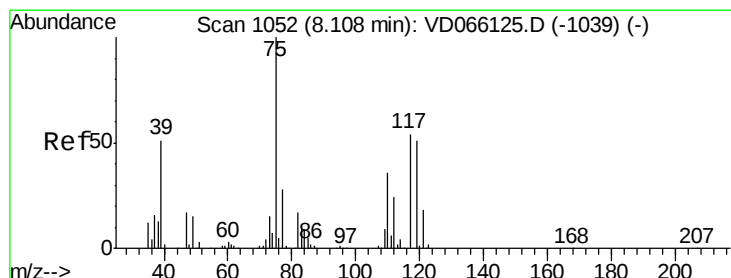
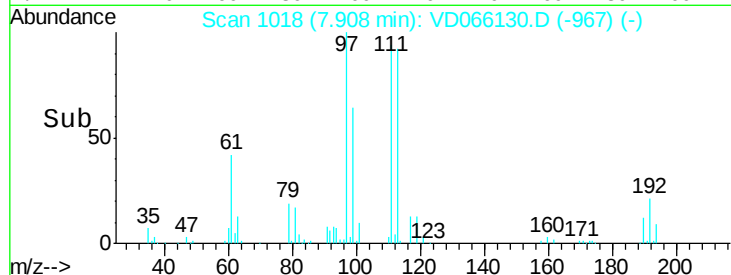
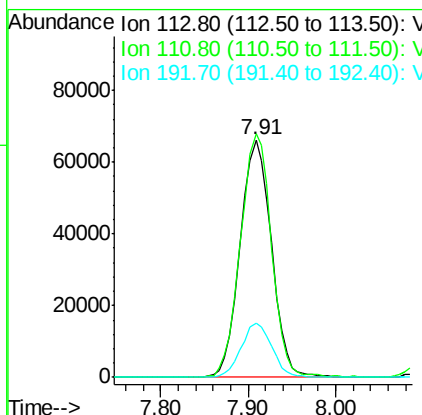
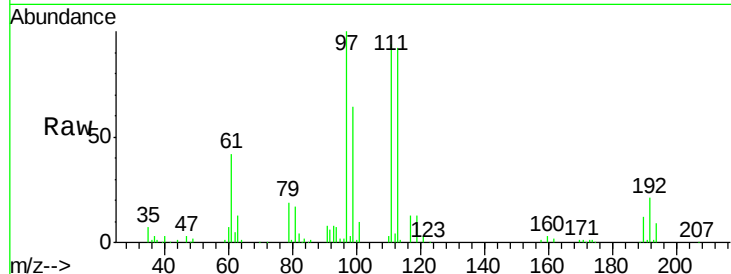




#35
 Dibromofluoromethane
 Concen: 51.175 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066130.D
 Acq: 06 Aug 2020 11:15

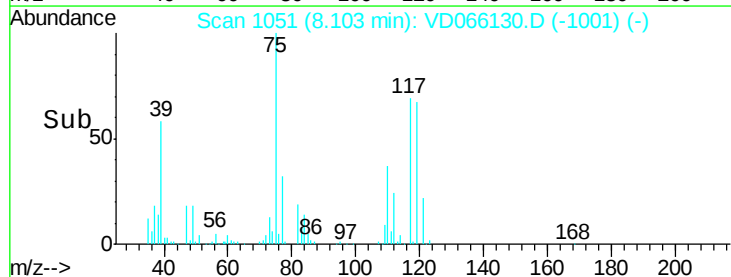
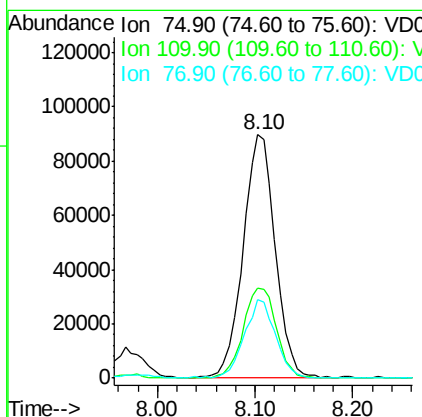
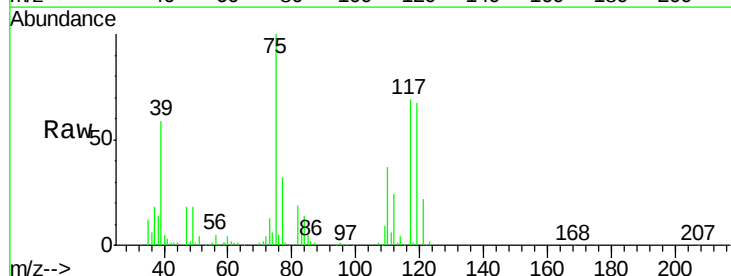
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

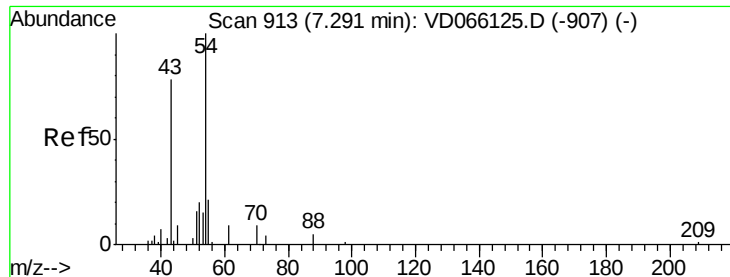
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.7	121.1
192	22.5	18.4	27.6



#36
 1,1-Dichloropropene
 Concen: 44.375 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066130.D
 Acq: 06 Aug 2020 11:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.5	18.8	56.3
77	31.6	24.2	36.2

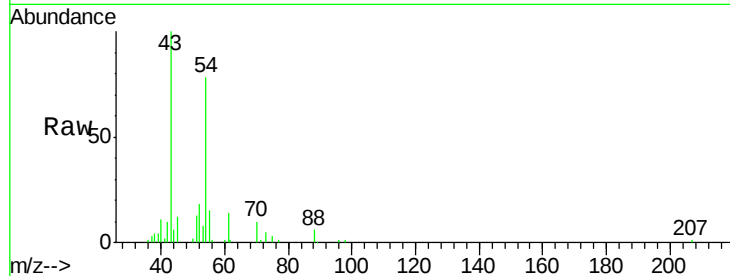




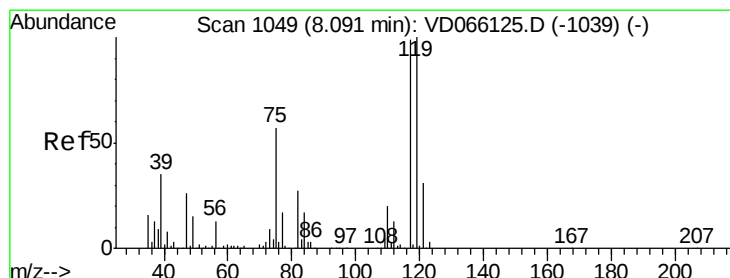
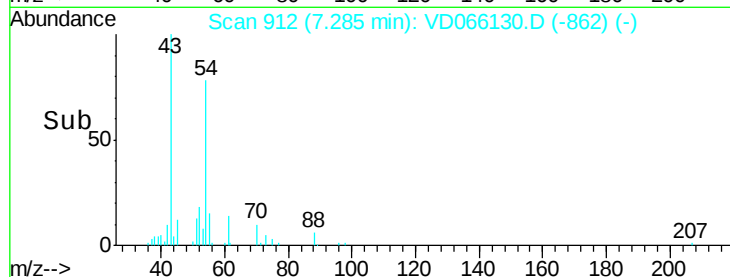
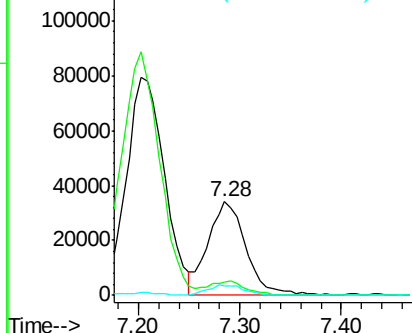
#37
Ethyl Acetate
Concen: 47.542 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 87375
Ion Ratio Lower Upper
43 100
61 14.6 12.0 18.0
70 10.6 9.7 14.5

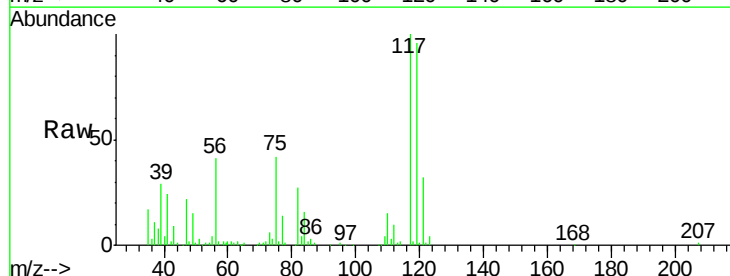


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

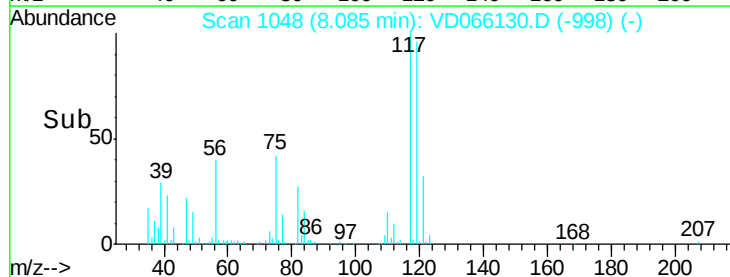
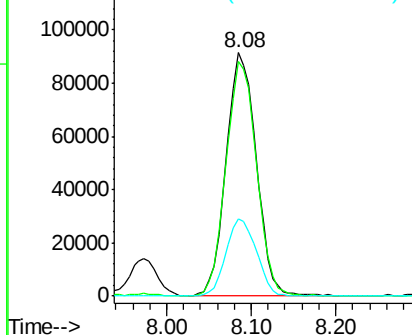


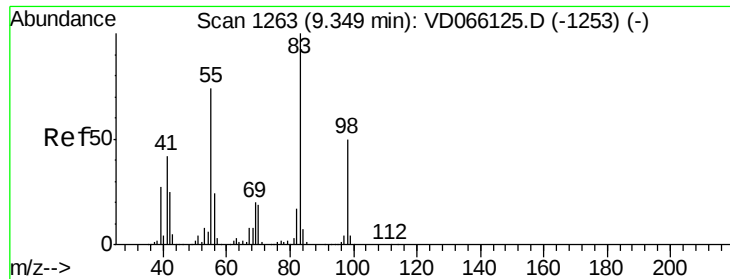
#38
Carbon Tetrachloride
Concen: 43.420 ug/l
RT: 8.08 min Scan# 1048
Delta R.T. -0.01 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Tgt Ion: 117 Resp: 224597
Ion Ratio Lower Upper
117 100
119 96.3 81.0 121.4
121 31.8 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

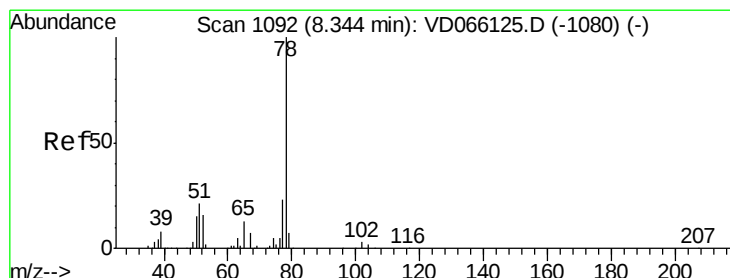
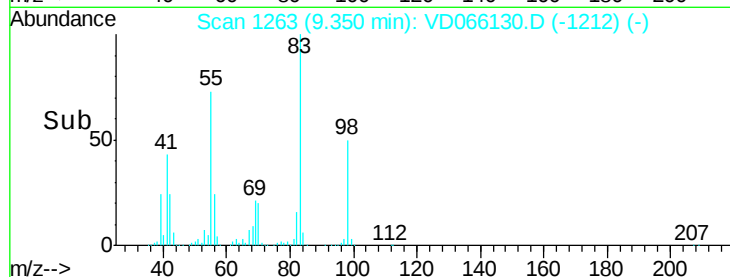
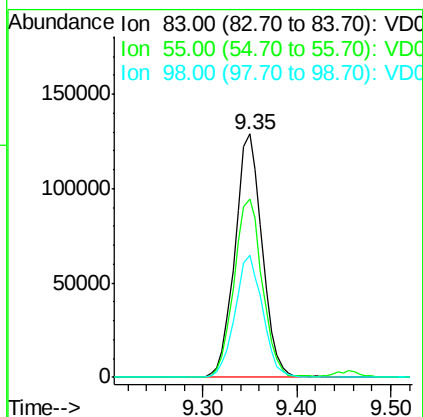
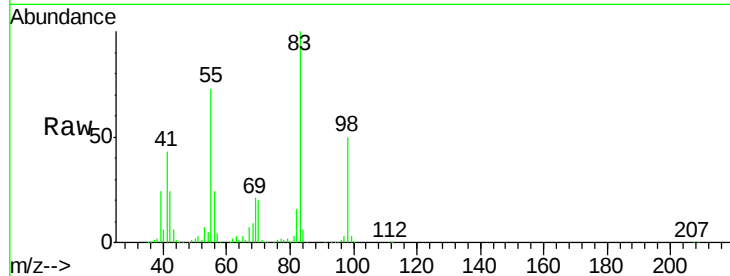




#39
Methylvlcyclohexane
Concen: 46.242 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

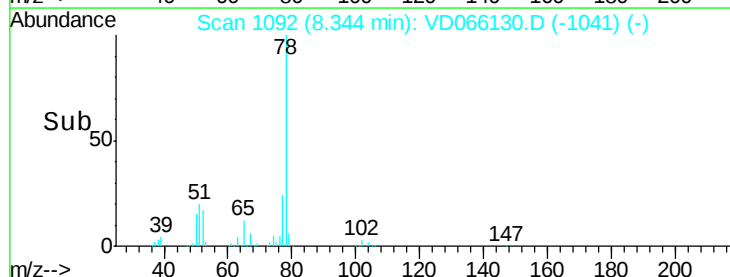
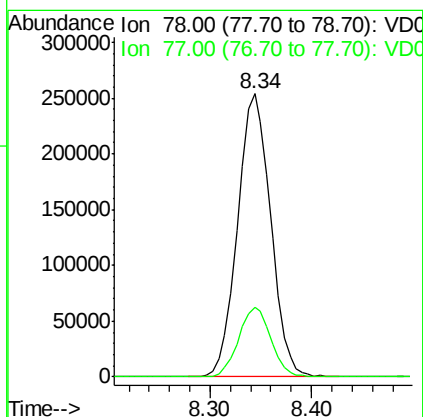
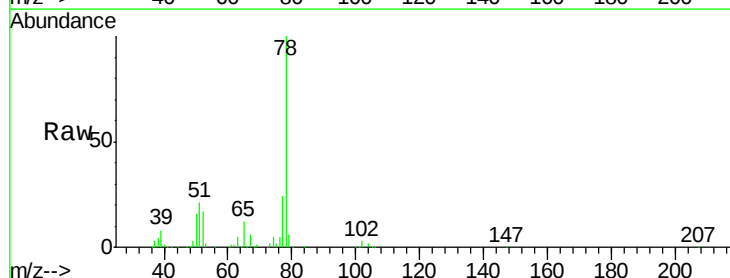
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

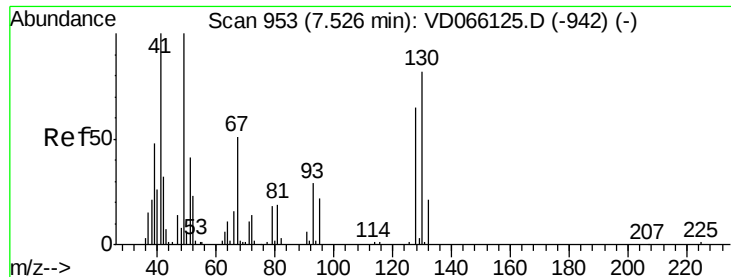
Tot Ion: 83 Resp: 259291
Ion Ratio Lower Upper
83 100
55 73.3 59.2 88.8
98 50.2 39.8 59.6



#40
Benzene
Concen: 44.698 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Tgt Ion: 78 Resp: 575155
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8





#41

Methacrylonitrile

Concen: 42.634 ug/l

RT: 7.51 min Scan# 951

Delta R.T. -0.01 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 46070

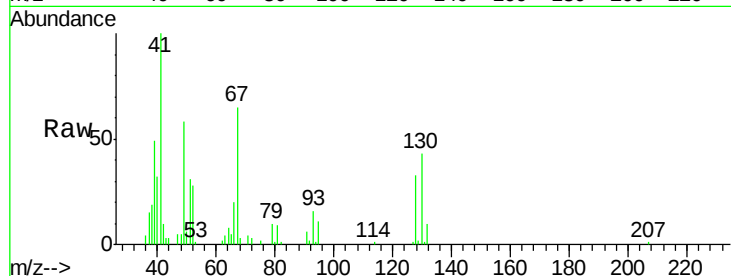
Ion Ratio Lower Upper

41 100

39 60.5 47.5 71.3

67 80.7 59.1 88.7

52 31.1 25.4 38.0

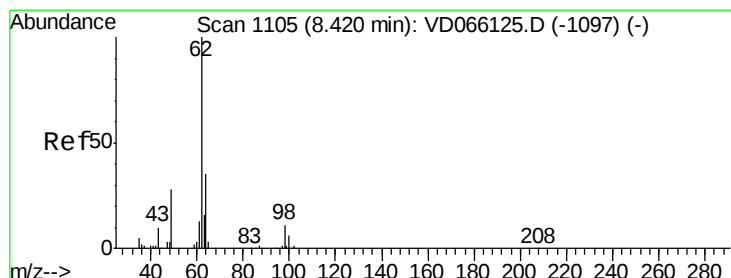
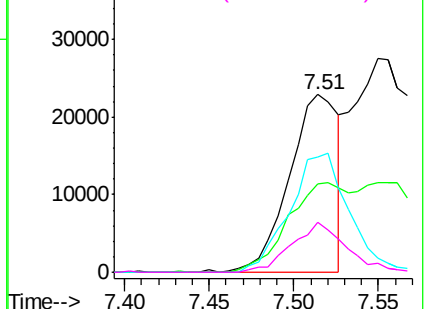
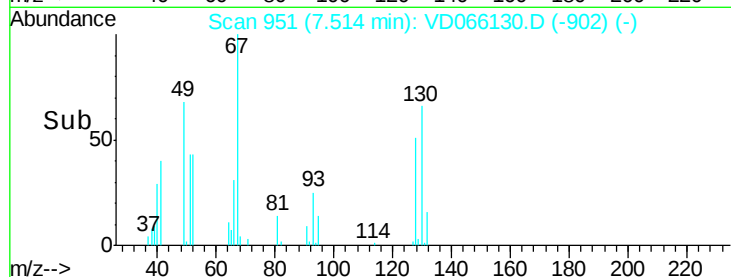


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 43.523 ug/l

RT: 8.41 min Scan# 1104

Delta R.T. -0.01 min

Lab File: VD066130.D

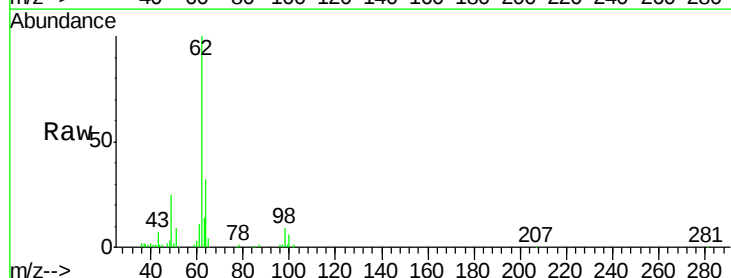
Acq: 06 Aug 2020 11:15

Tgt Ion: 62 Resp: 164523

Ion Ratio Lower Upper

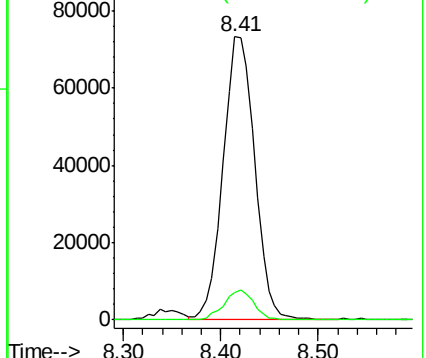
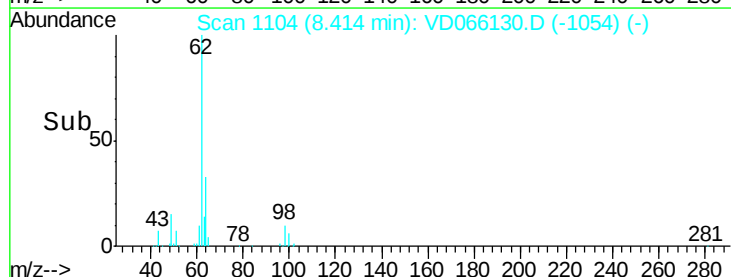
62 100

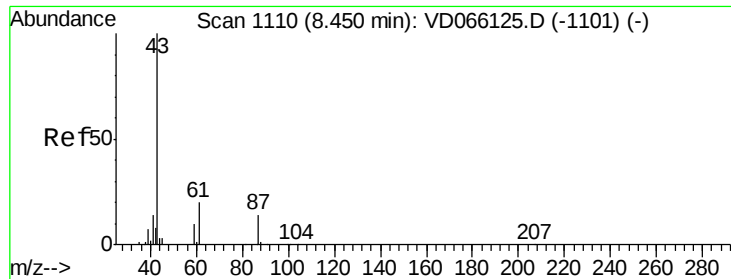
98 10.0 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 46.039 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

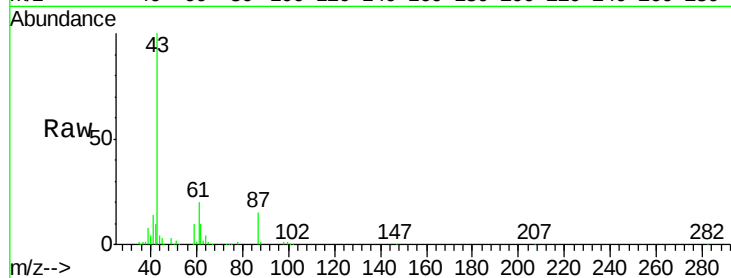
Tot Ion: 43 Resp: 166713

Ion Ratio Lower Upper

43 100

61 30.4 25.5 38.3

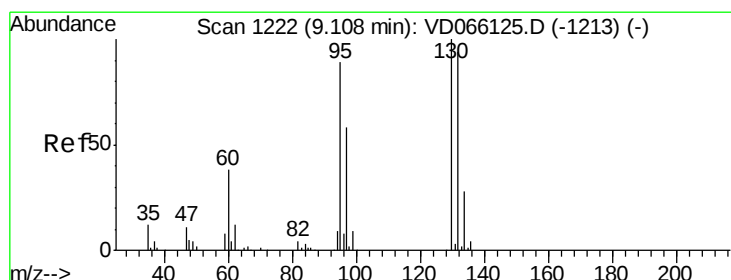
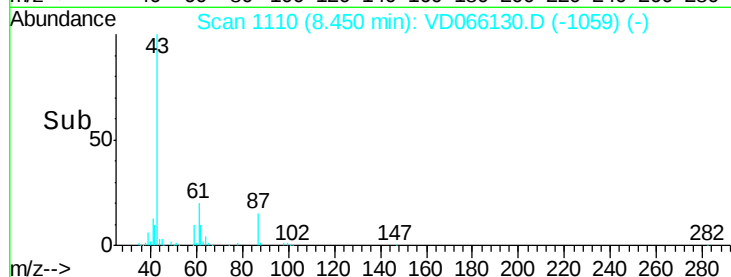
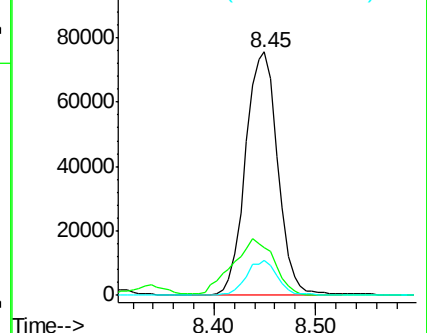
87 13.7 11.2 16.8



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: 44.350 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066130.D

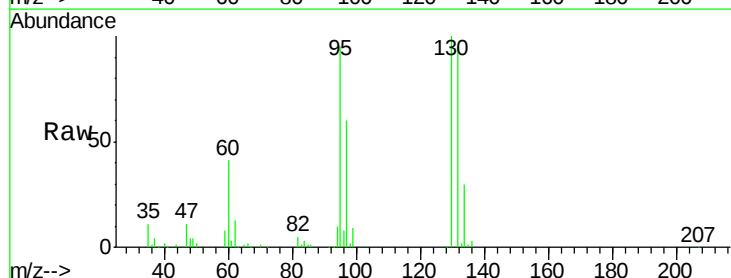
Acq: 06 Aug 2020 11:15

Tgt Ion:130 Resp: 171966

Ion Ratio Lower Upper

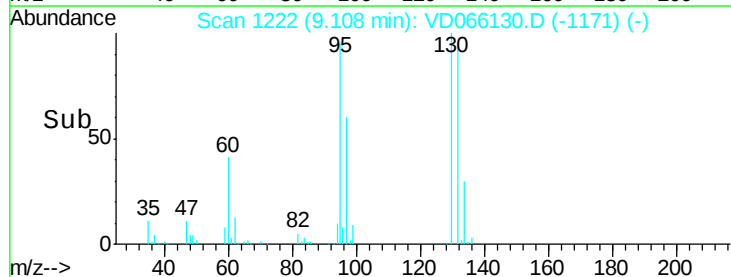
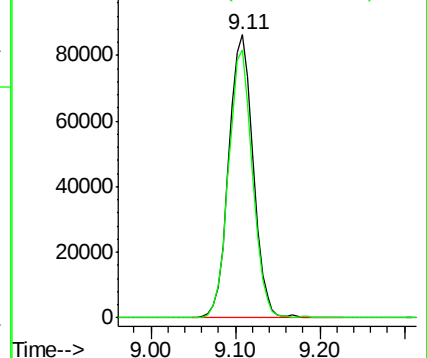
130 100

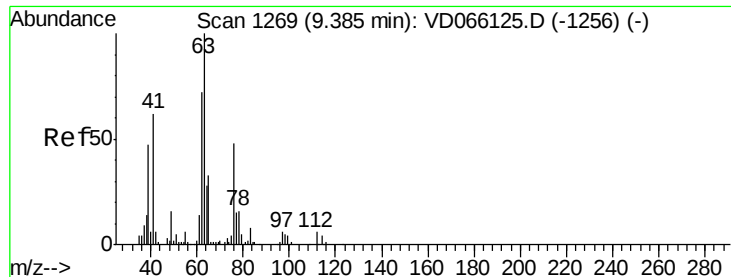
95 94.9 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

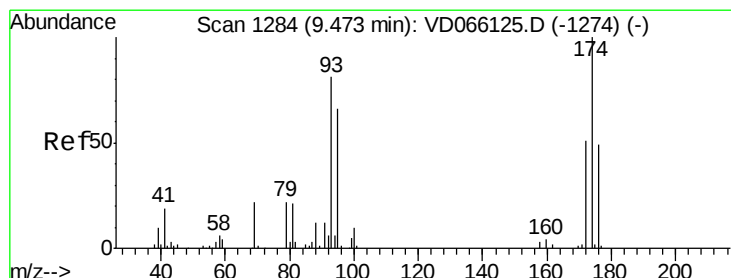
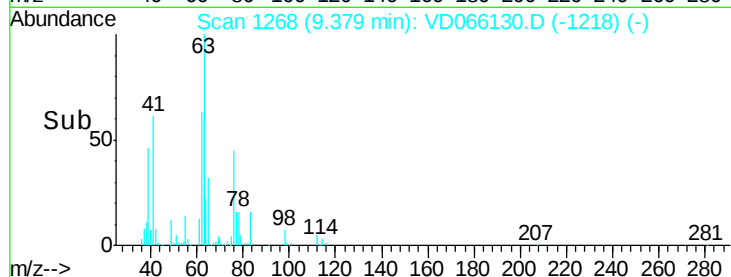
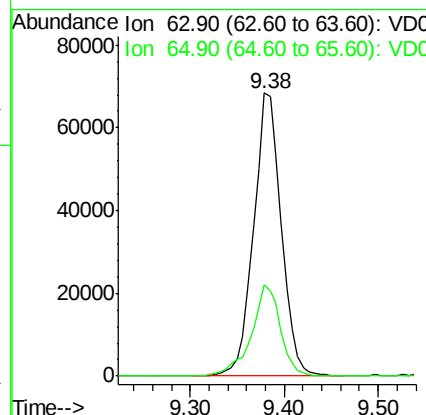
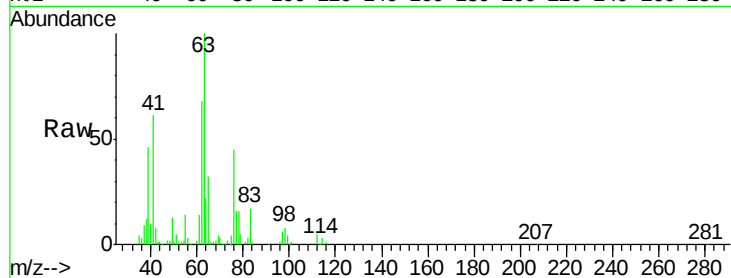




#45
 1,2-Dichloropropane
 Concen: 44.284 ug/l
 RT: 9.38 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VD066130.D
 Acq: 06 Aug 2020 11:15

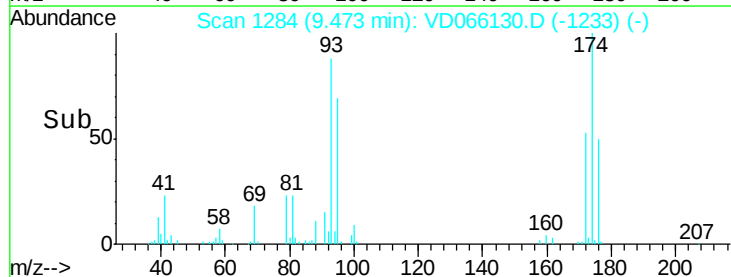
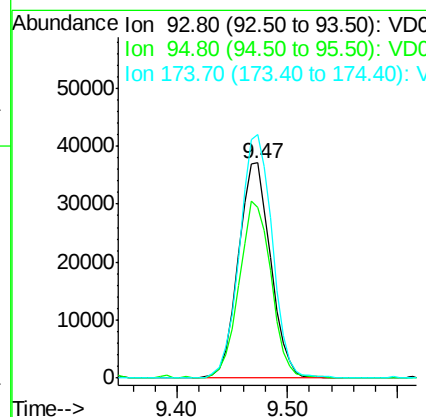
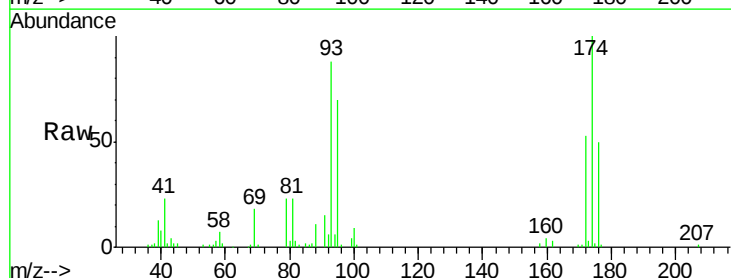
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

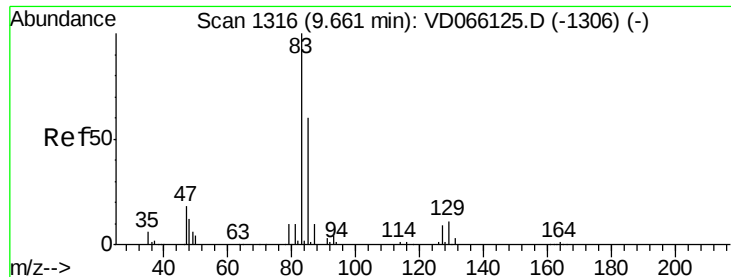
Tot Ion: 63 Resp: 139364
 Ion Ratio Lower Upper
 63 100
 65 32.3 26.5 39.7



#46
 Dibromomethane
 Concen: 44.203 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066130.D
 Acq: 06 Aug 2020 11:15

Tgt Ion: 93 Resp: 76625
 Ion Ratio Lower Upper
 93 100
 95 81.2 65.8 98.6
 174 114.1 92.8 139.2





#47

Bromodichloromethane

Concen: 42.654 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

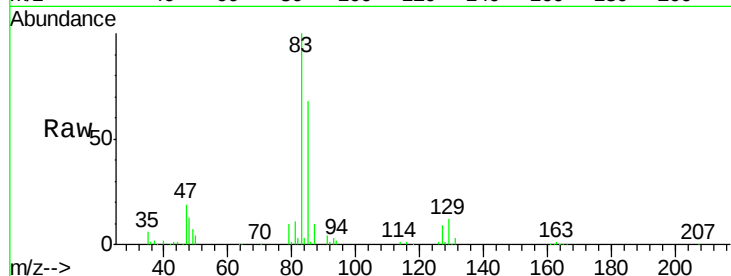
Tot Ion: 83 Resp: 195424

Ion Ratio Lower Upper

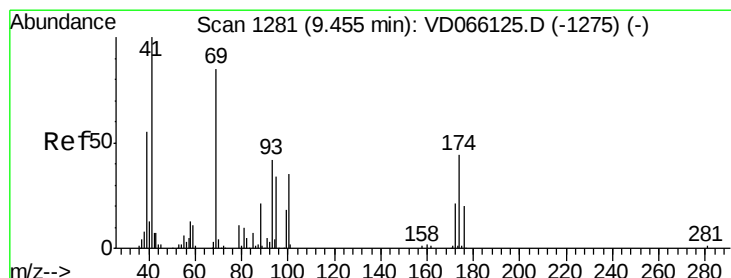
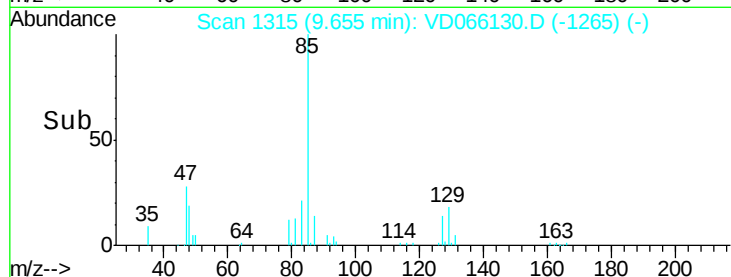
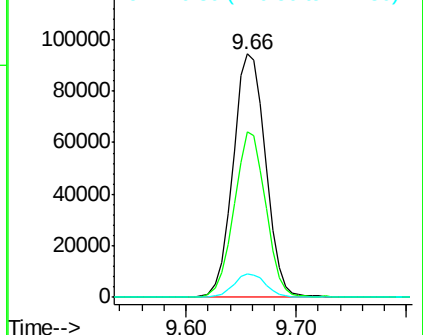
83 100

85 67.8 48.2 72.4

127 9.5 7.3 10.9



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



#48

Methyl methacrylate

Concen: 45.486 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

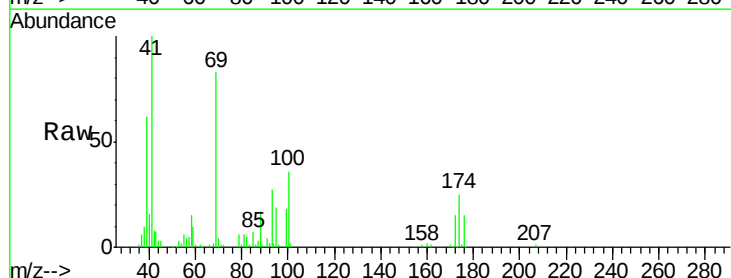
Tgt Ion: 41 Resp: 84103

Ion Ratio Lower Upper

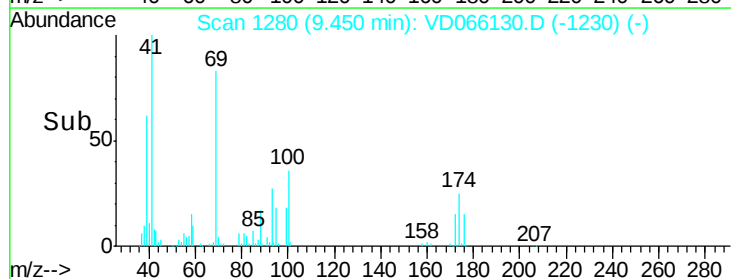
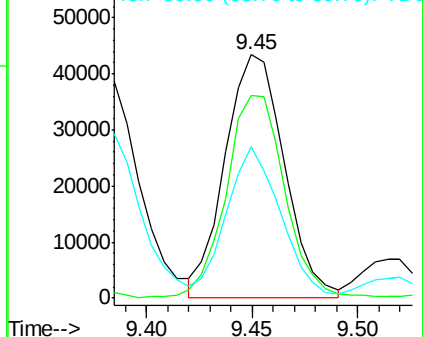
41 100

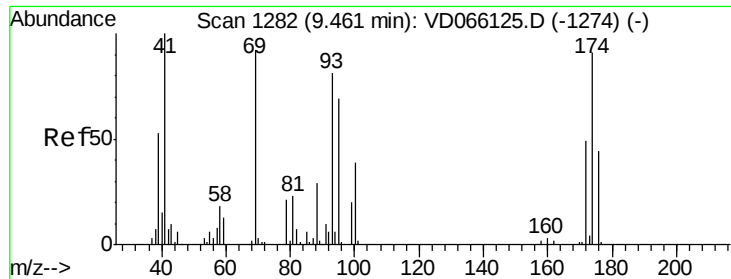
69 83.6 63.9 95.9

39 54.4 42.6 64.0



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

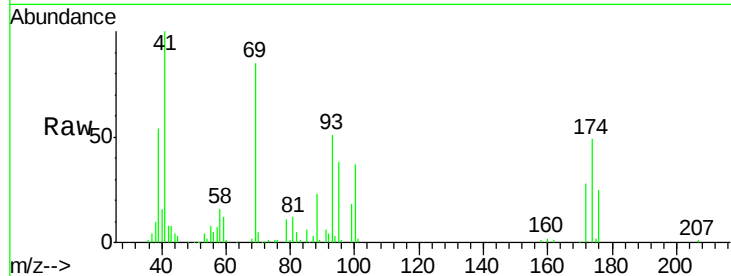




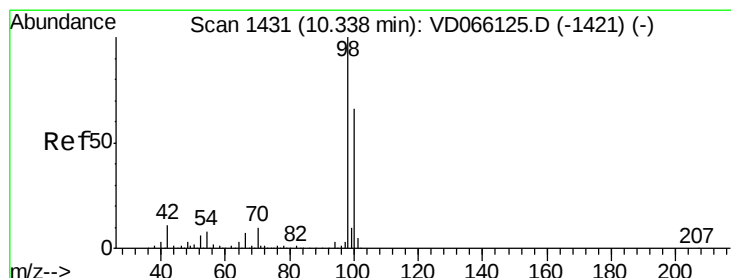
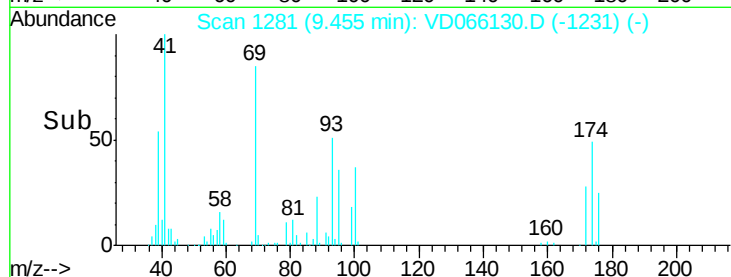
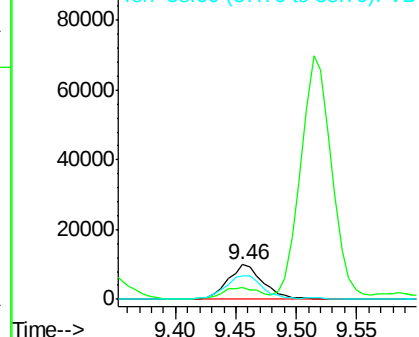
#49
1,4-Dioxane
Concen: 893.672 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 19903
Ion Ratio Lower Upper
88 100
43 37.9 27.5 41.3
58 74.3 50.2 75.4

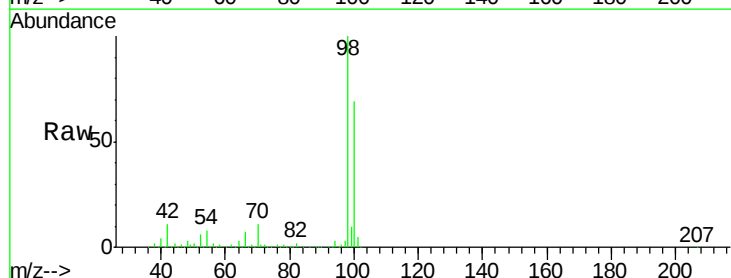


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

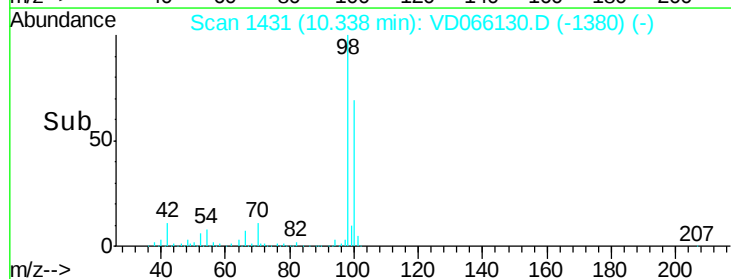
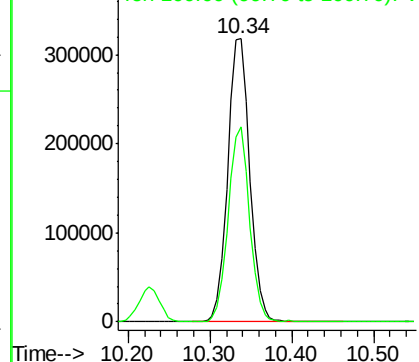


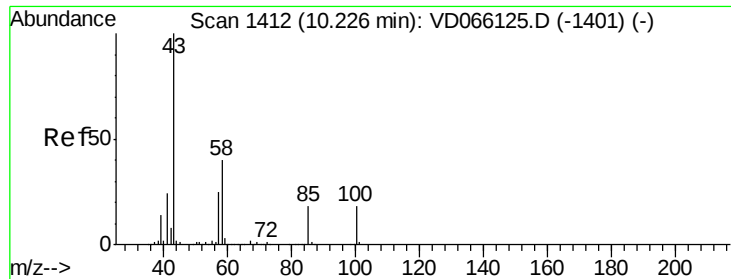
#50
Toluene-d8
Concen: 51.617 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Tgt Ion: 98 Resp: 595637
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



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: 224.678 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

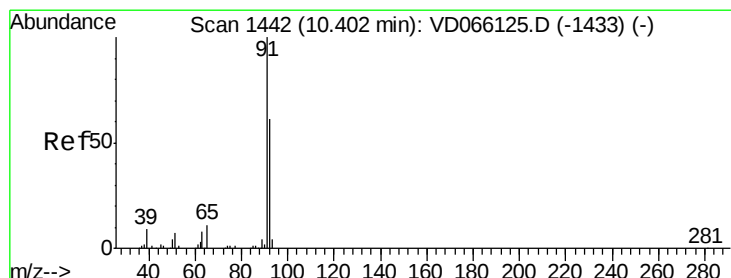
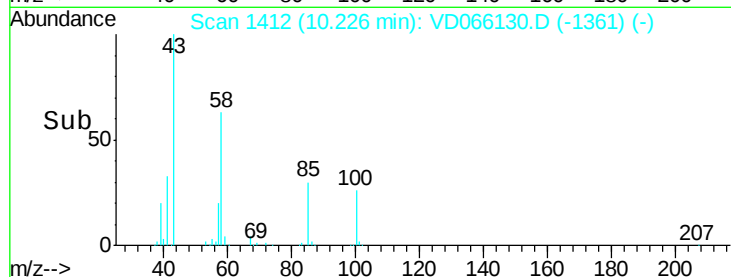
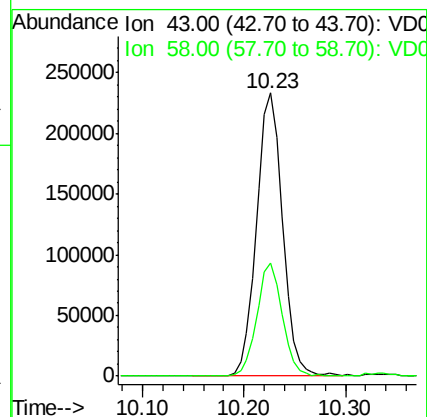
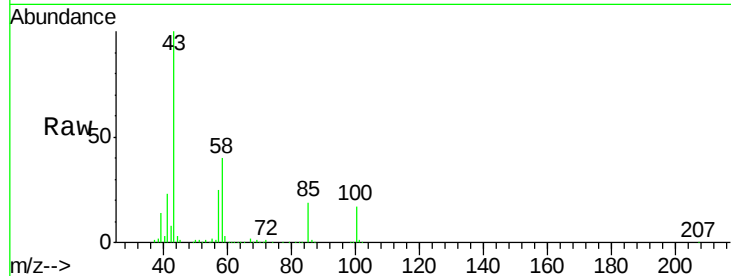
VSTDCCC050

Tot Ion: 43 Resp: 417902

Ion Ratio Lower Upper

43 100

58 39.2 31.1 46.7



#52

Toluene

Concen: 43.763 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066130.D

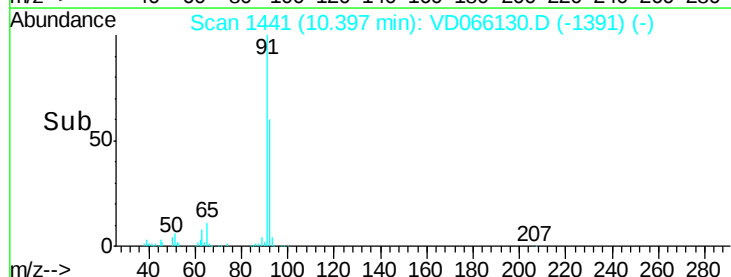
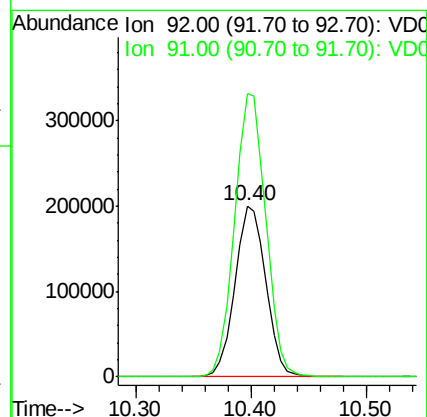
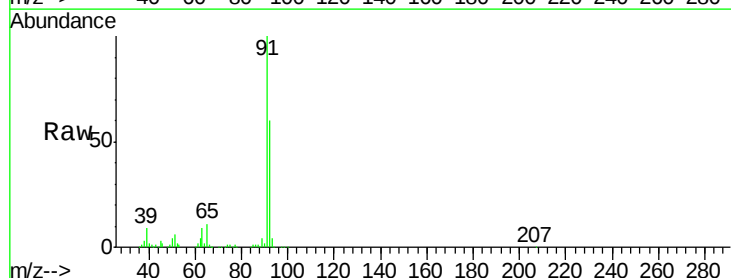
Acq: 06 Aug 2020 11:15

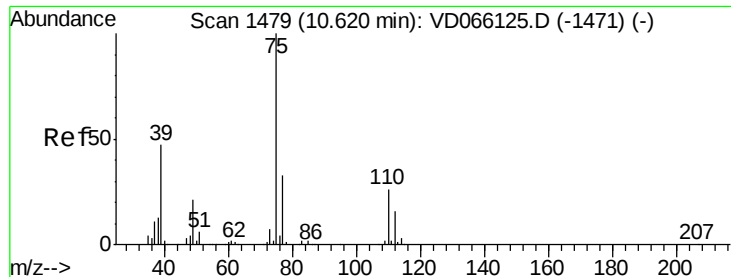
Tgt Ion: 92 Resp: 370551

Ion Ratio Lower Upper

92 100

91 167.9 135.2 202.8

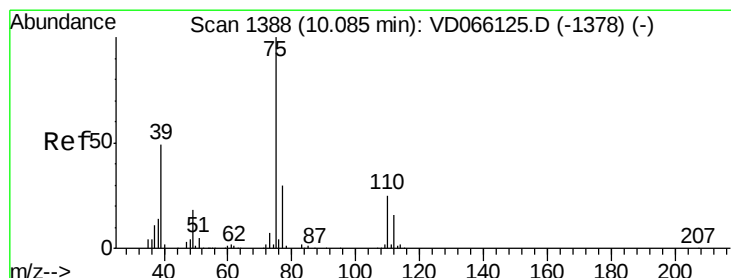
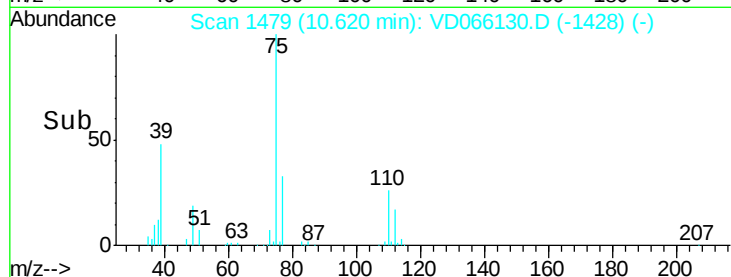
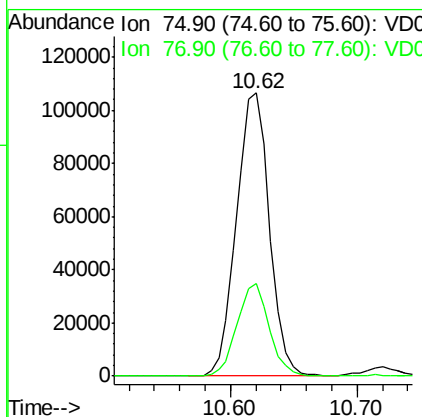
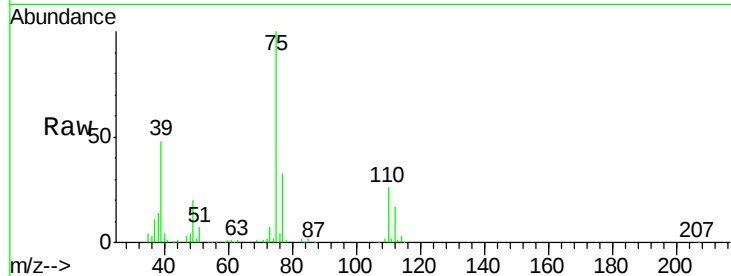




#53
t-1,3-Dichloropropene
Concen: 44.128 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

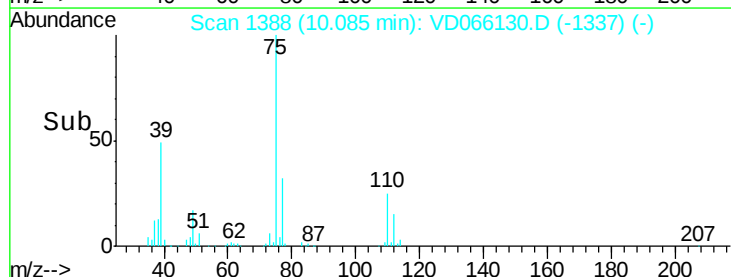
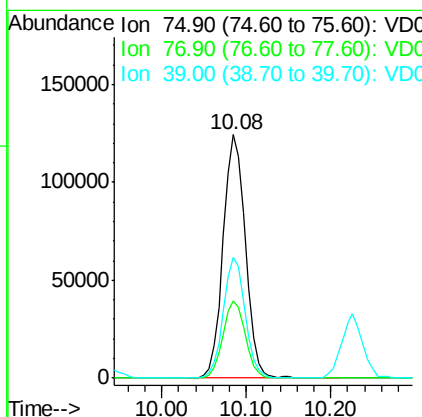
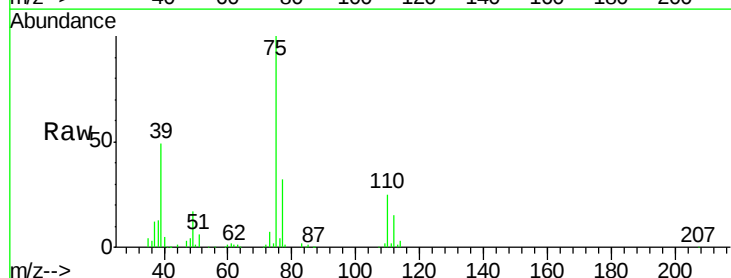
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

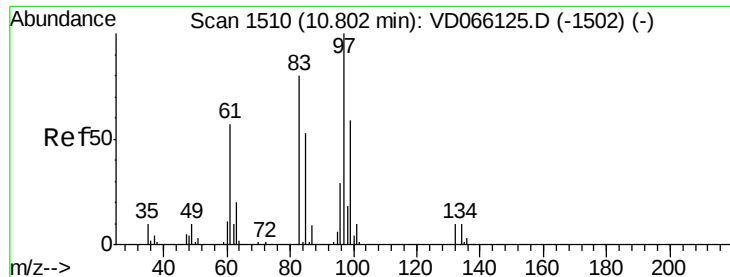
Tot Ion: 75 Resp: 191869
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 44.403 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Tgt Ion: 75 Resp: 226197
Ion Ratio Lower Upper
75 100
77 31.8 24.3 36.5
39 49.2 39.3 58.9

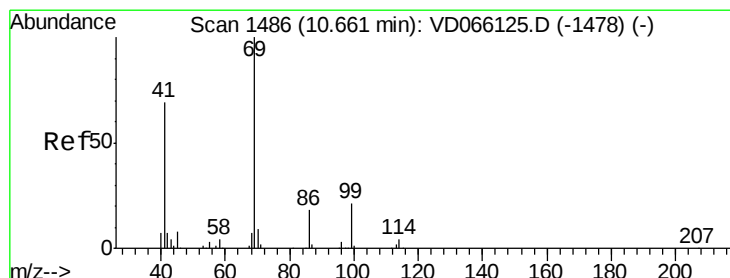
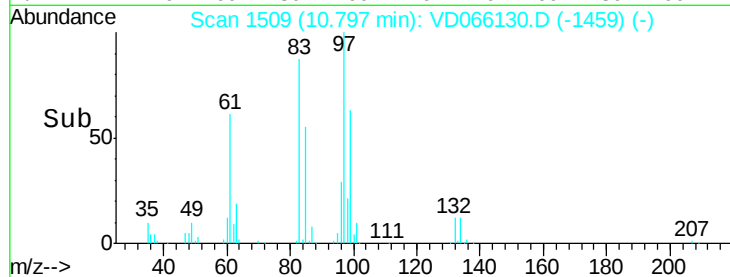
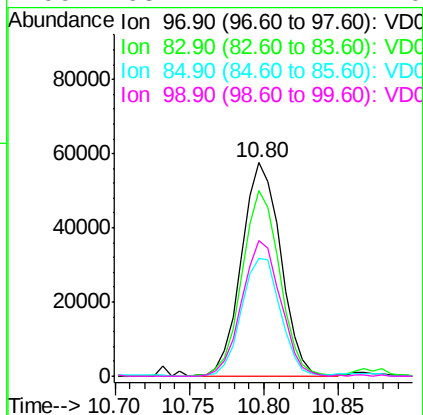
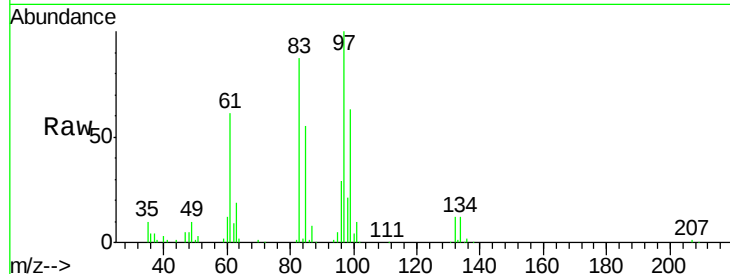




#55
 1,1,2-Trichloroethane
 Concen: 42.114 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066130.D
 Acq: 06 Aug 2020 11:15

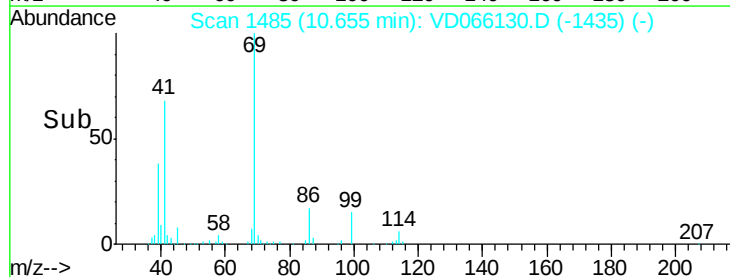
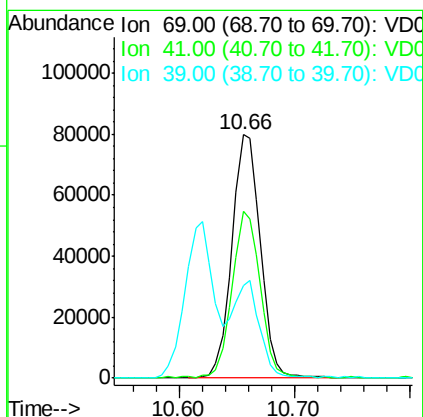
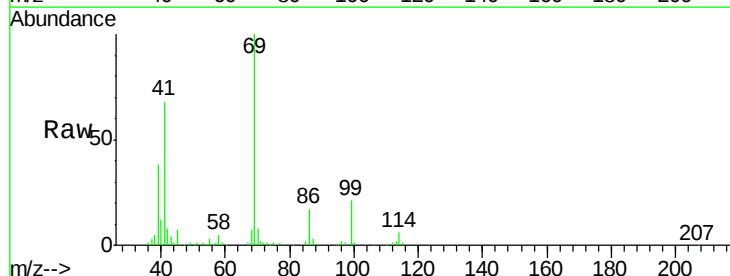
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

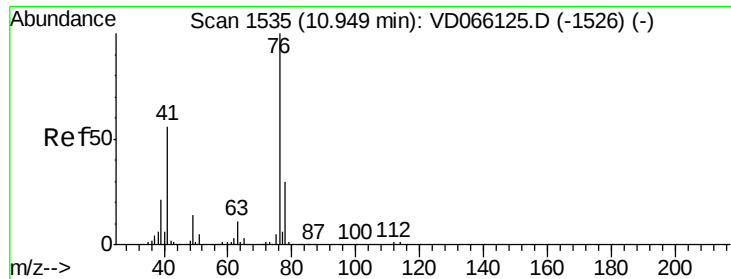
Tot Ion:	97	Resp:	105124
Ion	Ratio	Lower	Upper
97	100		
83	86.9	63.9	95.9
85	55.0	42.5	63.7
99	63.4	47.4	71.0



#56
 Ethyl methacrylate
 Concen: 45.487 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066130.D
 Acq: 06 Aug 2020 11:15

Tgt Ion:	69	Resp:	136398
Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.1	81.1
39	38.0	28.6	43.0

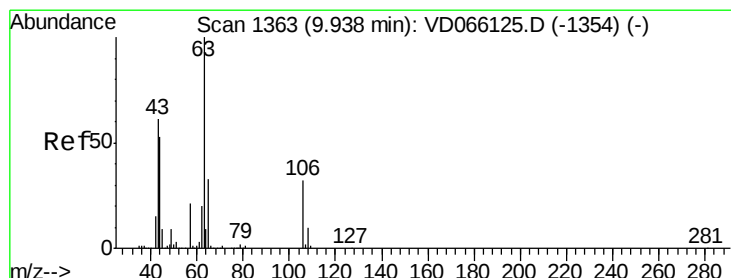
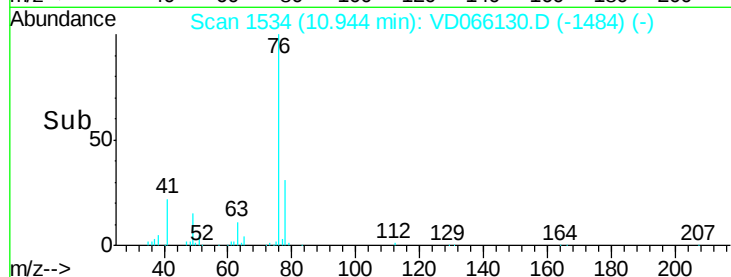
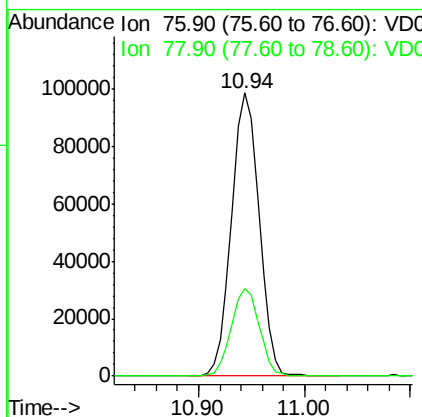
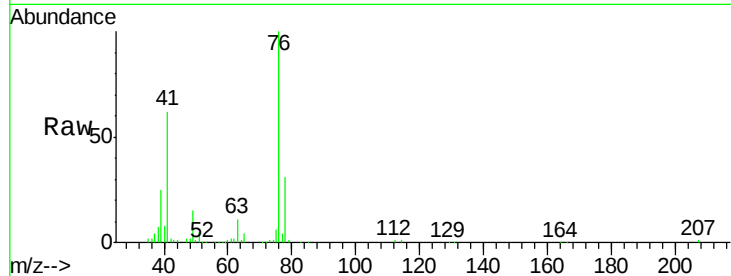




#57
 1,3-Dichloropropane
 Concen: 43.037 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066130.D
 Acq: 06 Aug 2020 11:15

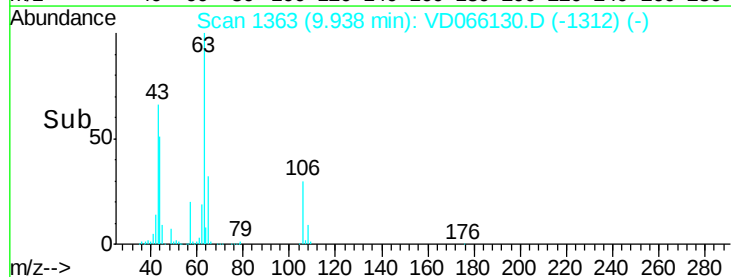
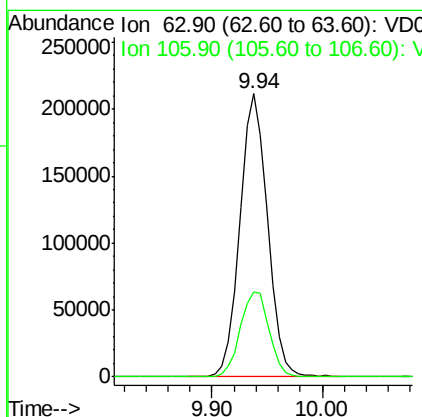
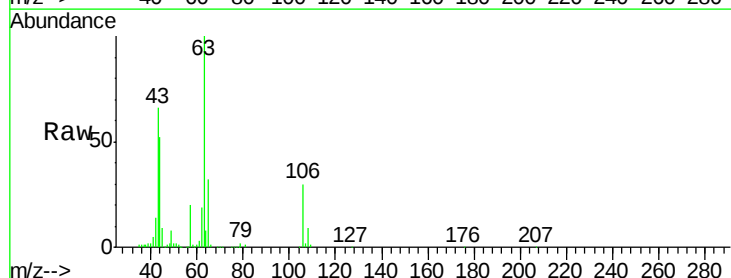
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

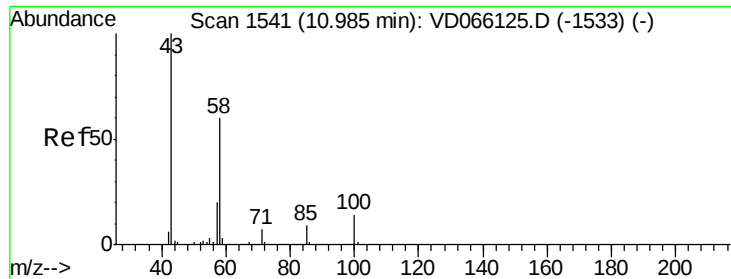
Tot Ion: 76 Resp: 178346
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 276.391 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066130.D
 Acq: 06 Aug 2020 11:15

Tgt Ion: 63 Resp: 372799
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.3 37.9

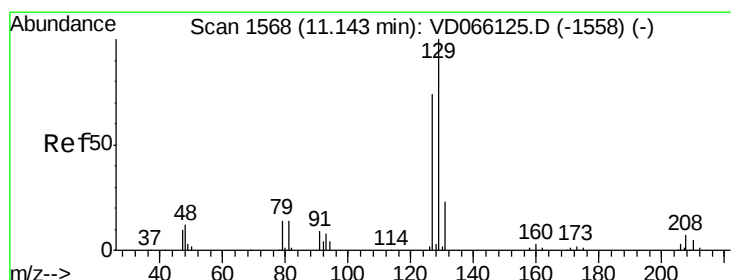
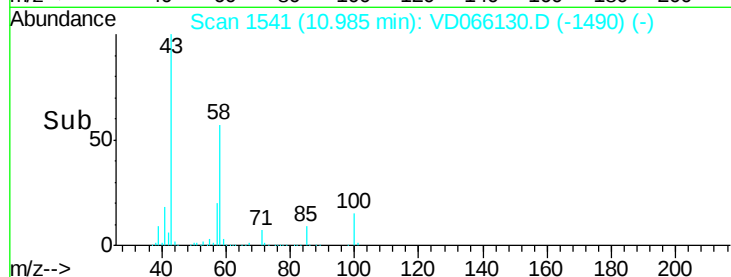
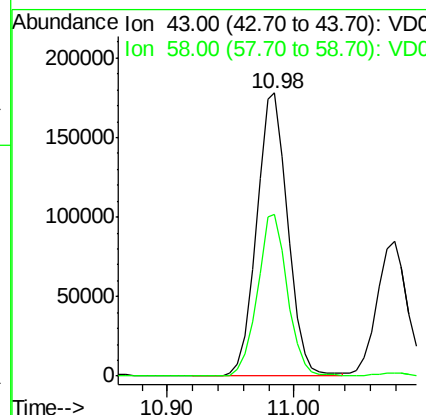
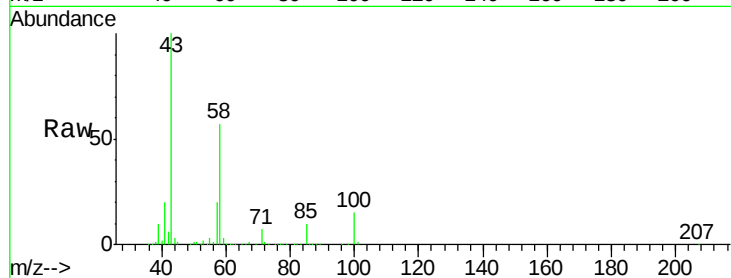




#59
2-Hexanone
Concen: 234.158 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

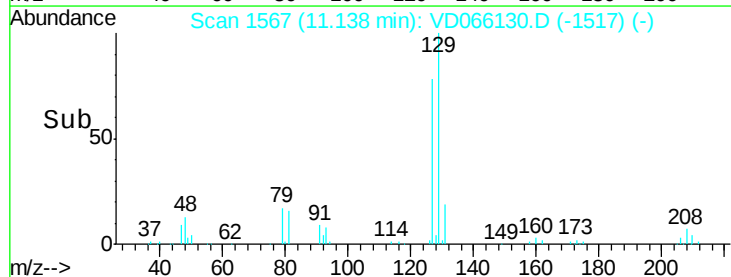
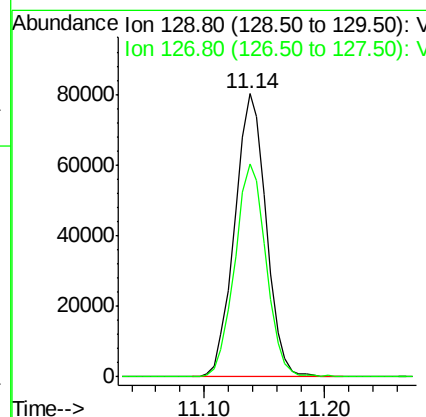
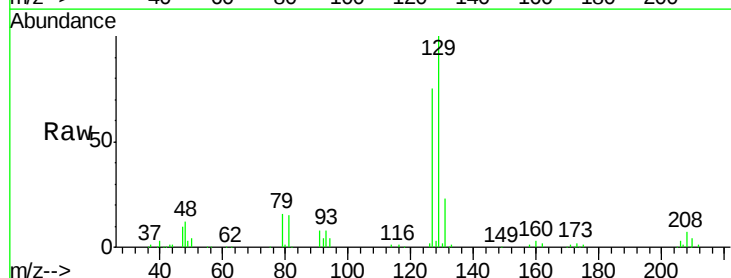
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

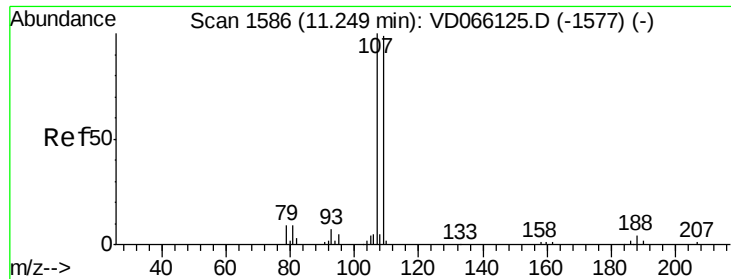
Tot Ion: 43 Resp: 305666
Ion Ratio Lower Upper
43 100
58 55.0 27.8 83.4



#60
Dibromochloromethane
Concen: 42.170 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Tgt Ion: 129 Resp: 145322
Ion Ratio Lower Upper
129 100
127 74.9 38.0 114.1

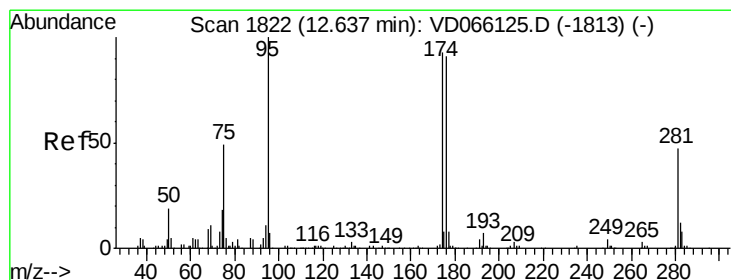
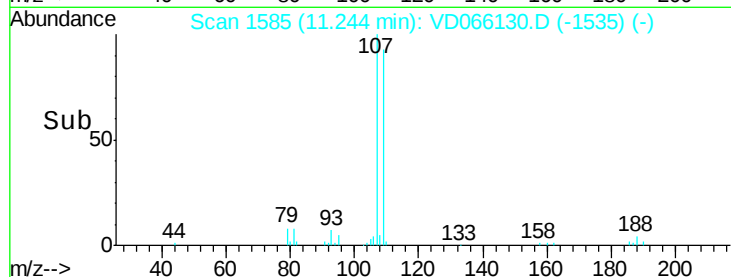
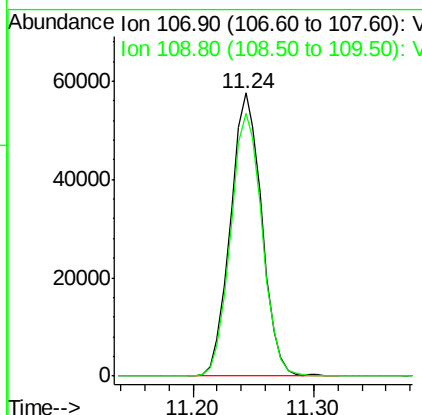
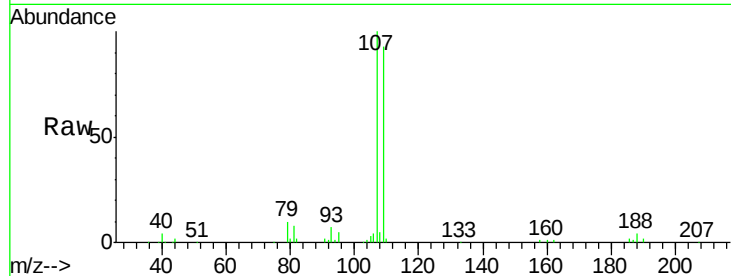




#61
 1,2-Dibromoethane
 Concen: 43.293 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066130.D
 Acq: 06 Aug 2020 11:15

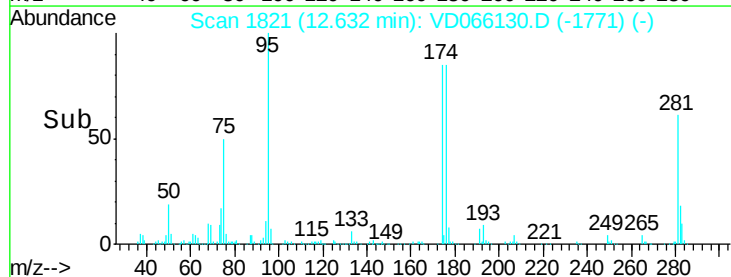
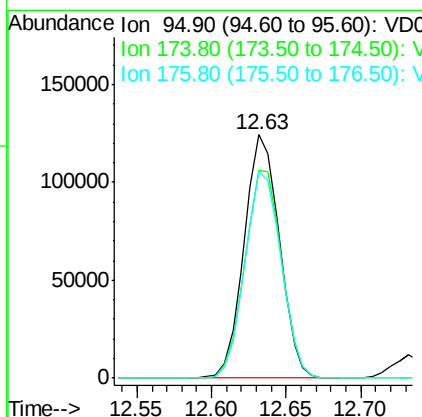
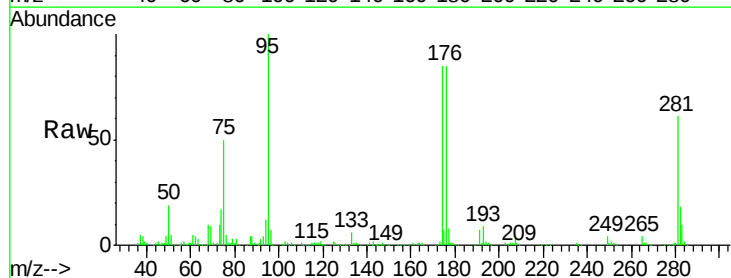
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:107 Resp: 103927
 Ion Ratio Lower Upper
 107 100
 109 93.4 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 48.951 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066130.D
 Acq: 06 Aug 2020 11:15

Tgt Ion: 95 Resp: 203614
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 180.8
 176 87.1 0.0 181.2

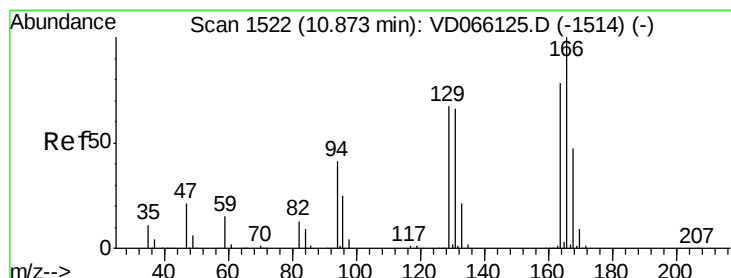
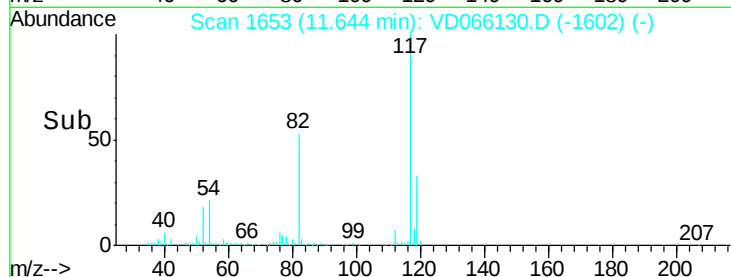
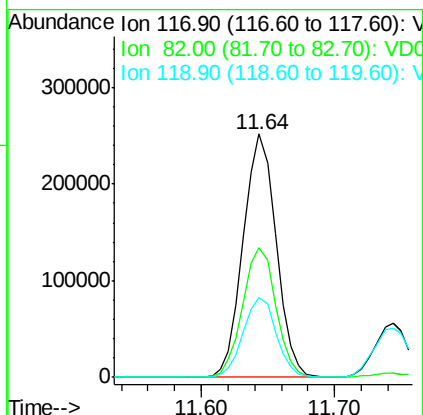
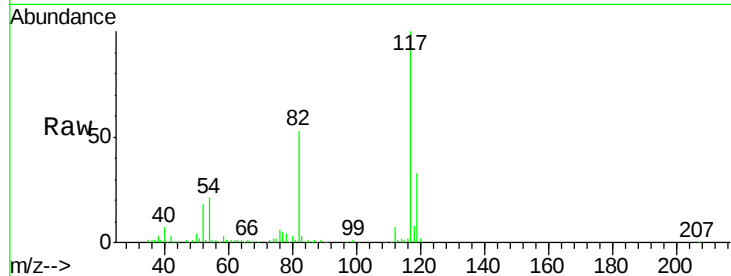




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

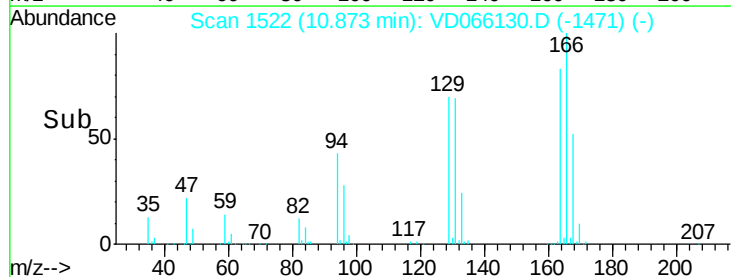
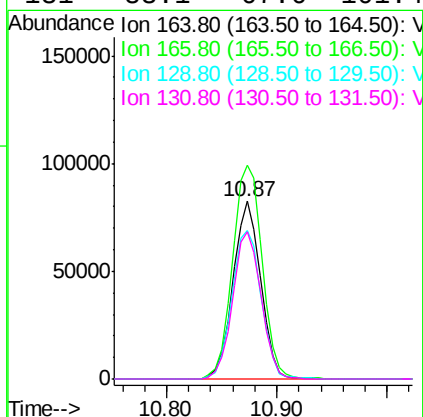
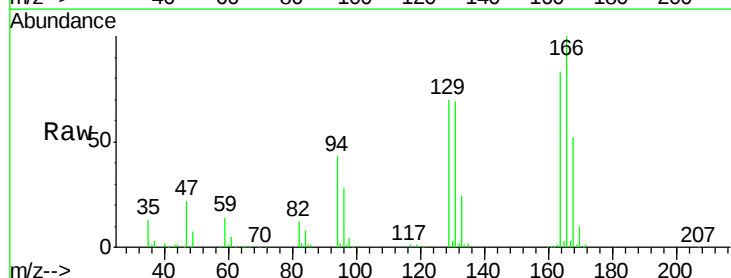
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

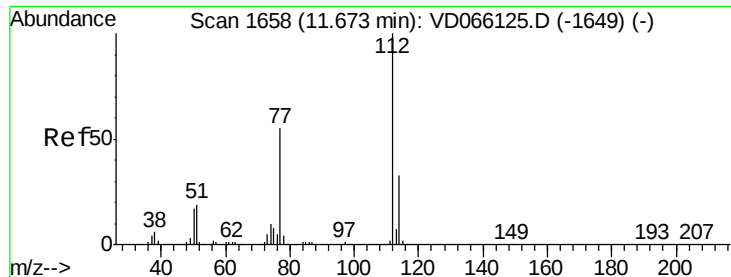
Tot Ion:117 Resp: 430769
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.6 26.1 39.1



#64
Tetrachloroethene
Concen: 43.937 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Tgt Ion:164 Resp: 145336
Ion Ratio Lower Upper
164 100
166 120.3 101.9 152.9
129 84.0 68.1 102.1
131 83.1 67.6 101.4

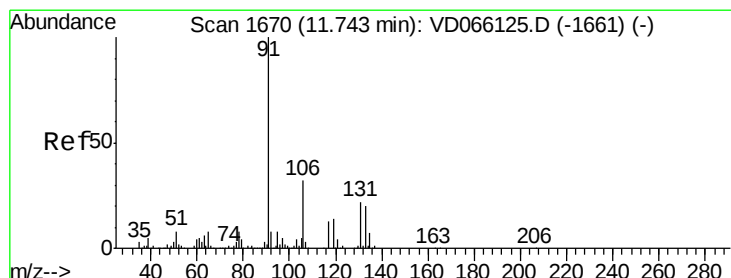
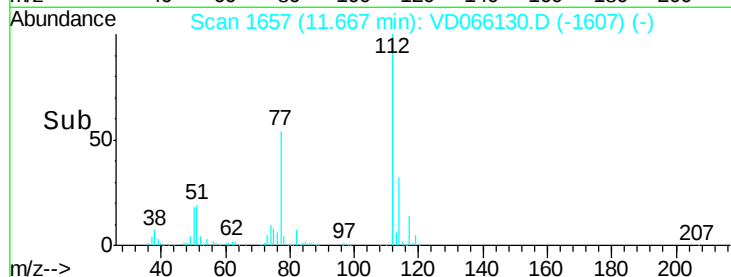
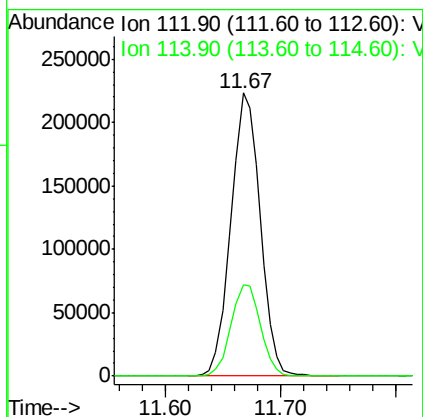
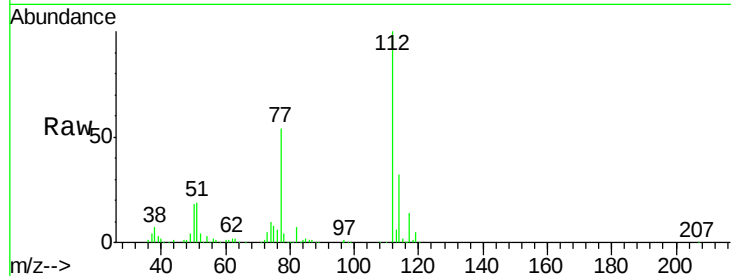




#65
Chlorobenzene
Concen: 44.830 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

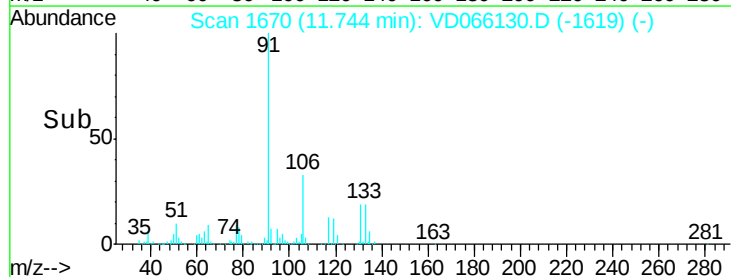
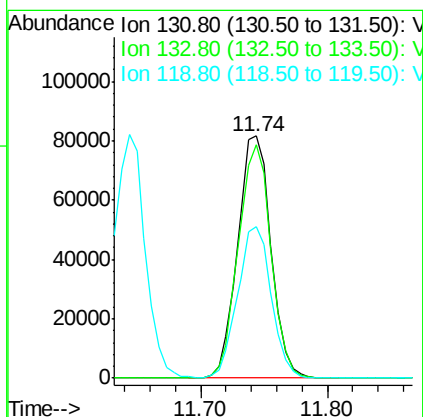
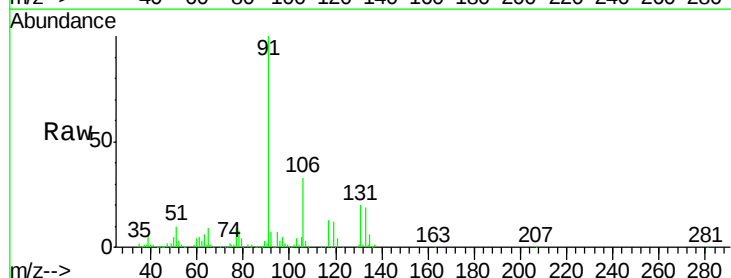
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

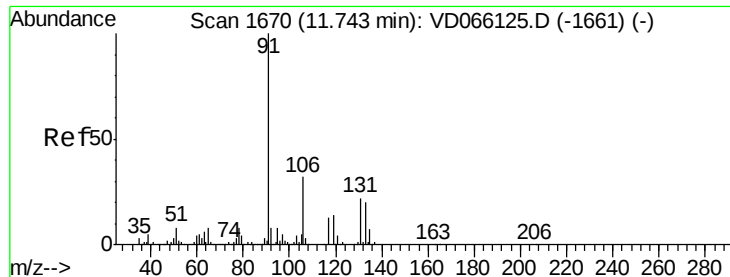
Tot Ion:112 Resp: 392027
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 43.466 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Tgt Ion:131 Resp: 148721
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 63.3 31.6 94.7





#67

Ethyl Benzene

Concen: 45.932 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

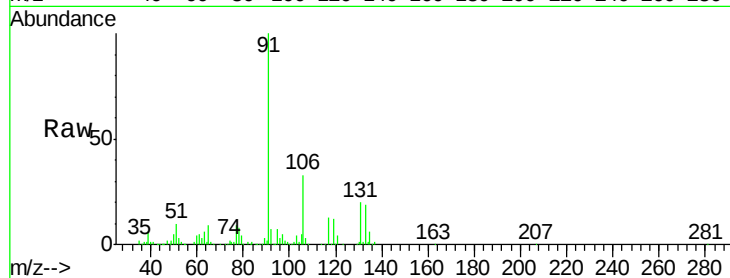
VSTDCCC050

Tot Ion: 91 Resp: 696048

Ion Ratio Lower Upper

91 100

106 32.6 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

600000

500000

400000

300000

200000

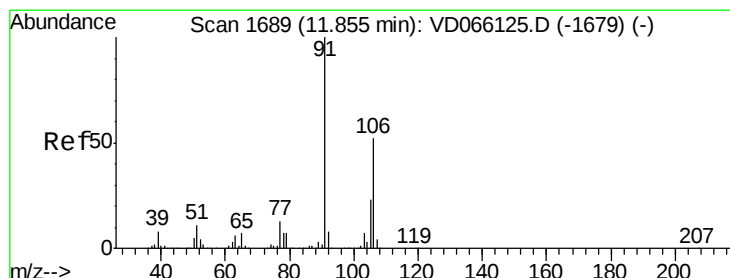
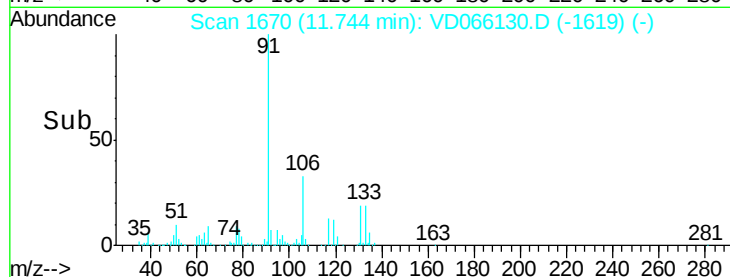
100000

0

11.70

11.80

Time-->



#68

m/p-Xylenes

Concen: 92.242 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD066130.D

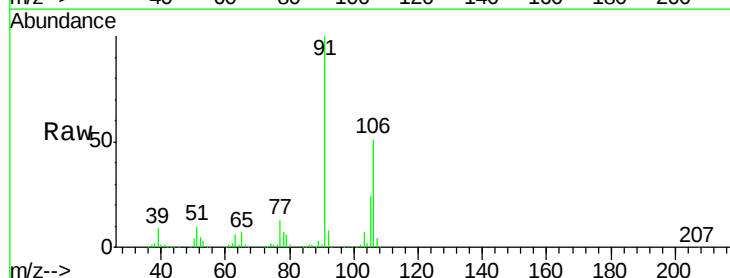
Acq: 06 Aug 2020 11:15

Tgt Ion: 106 Resp: 541575

Ion Ratio Lower Upper

106 100

91 197.6 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

600000

500000

400000

300000

200000

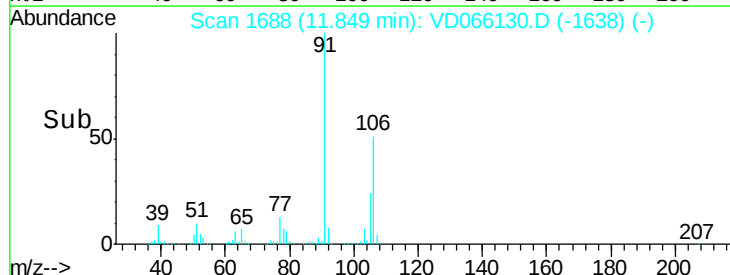
100000

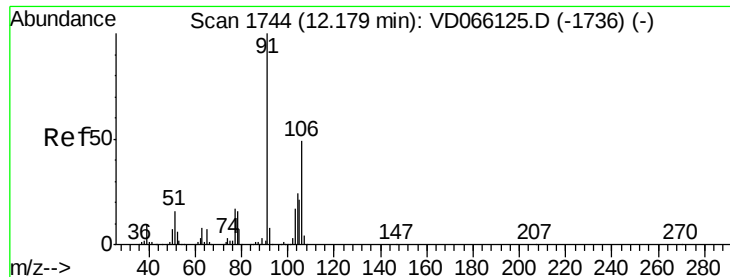
0

11.80

11.90

Time-->

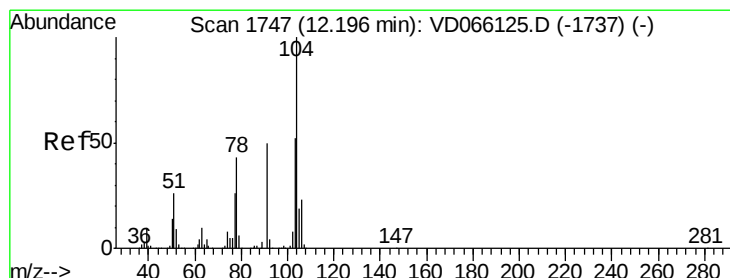
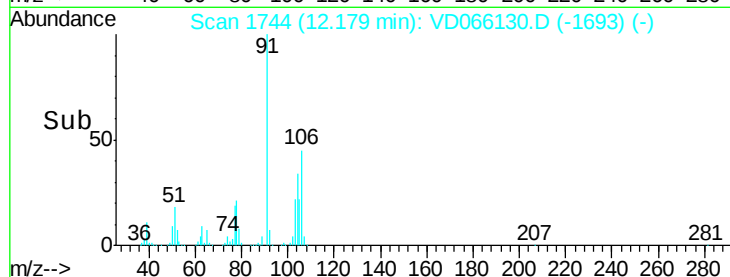
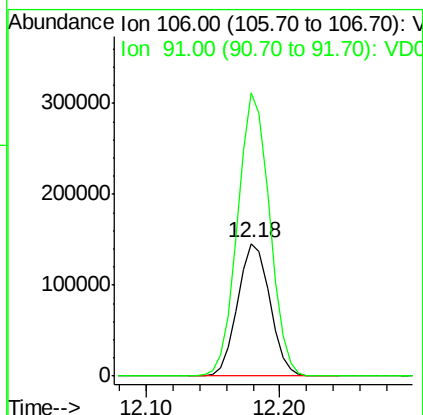
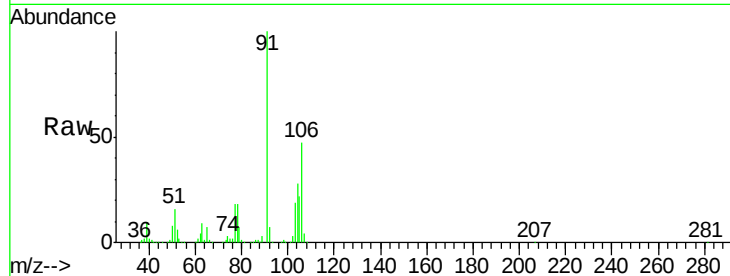




#69
o-Xylene
Concen: 45.708 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

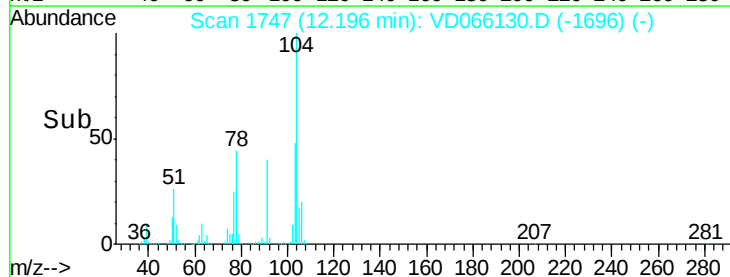
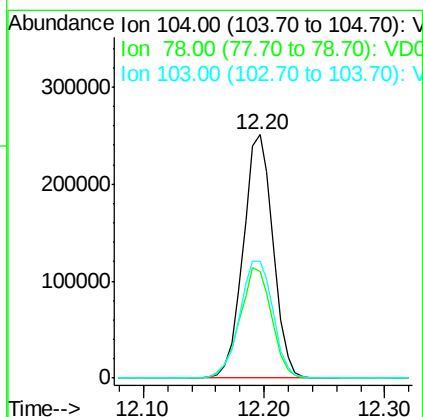
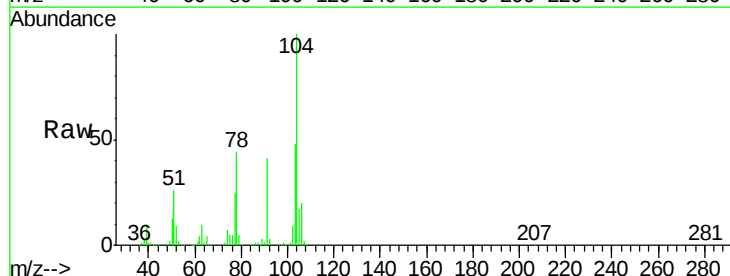
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

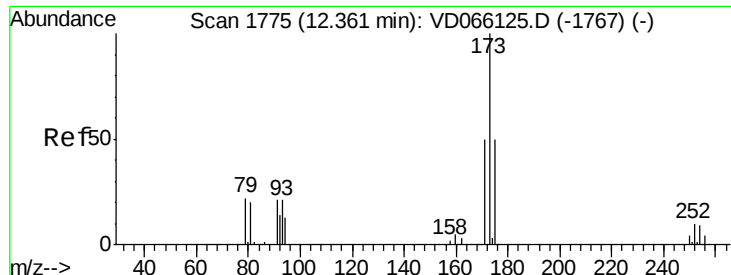
Tot Ion:106 Resp: 244118
Ion Ratio Lower Upper
106 100
91 211.8 105.7 317.1



#70
Styrene
Concen: 46.284 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Tgt Ion:104 Resp: 433224
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 53.4 44.1 66.1





#71

Bromoform

Concen: 44.063 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

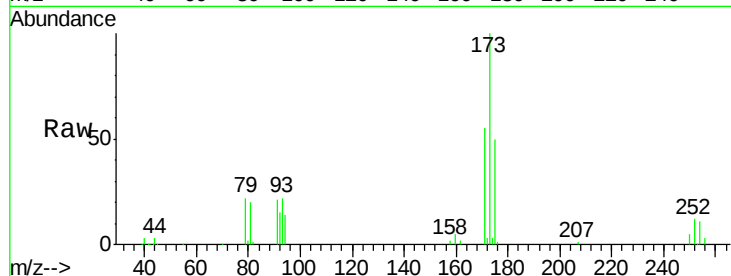
Tot Ion:173 Resp: 89325

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.6

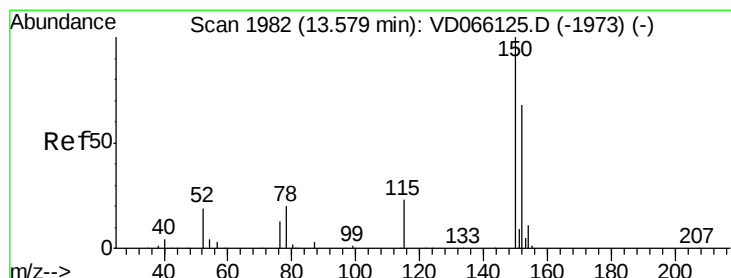
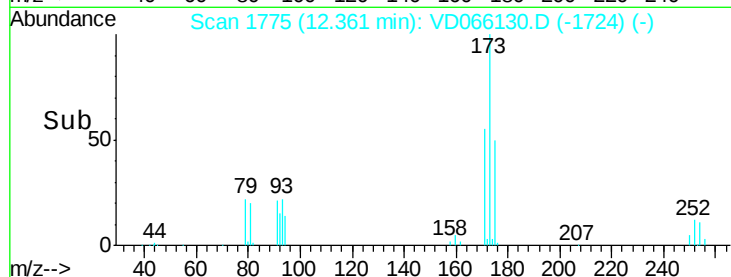
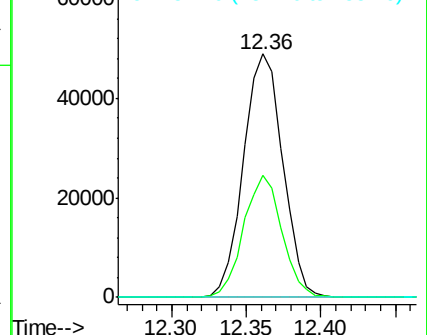
254 0.0 0.2 0.2#



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: VD066130.D

Acq: 06 Aug 2020 11:15

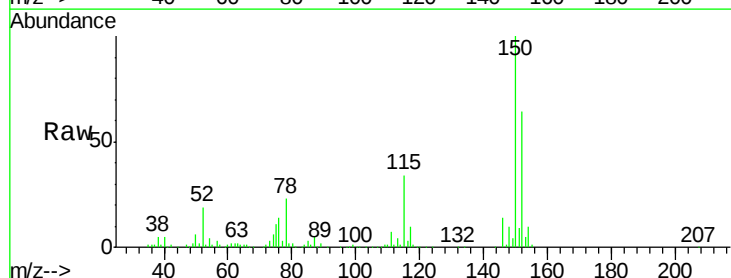
Tgt Ion:152 Resp: 227403

Ion Ratio Lower Upper

152 100

115 55.3 28.0 83.9

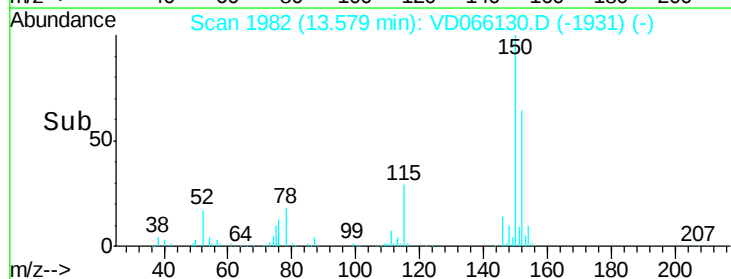
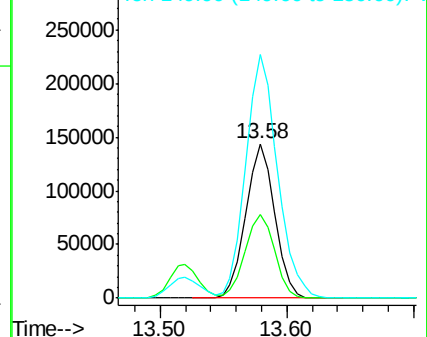
150 173.6 0.0 346.4

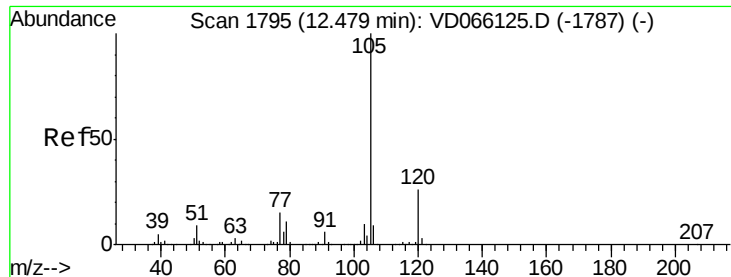


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

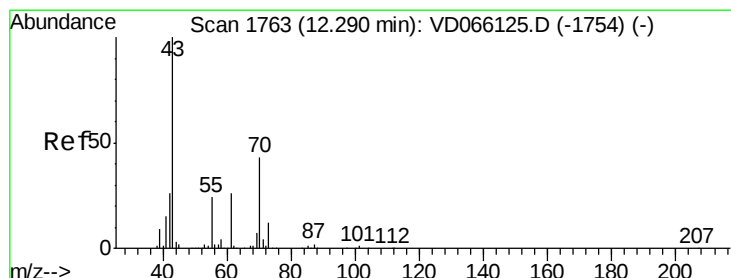
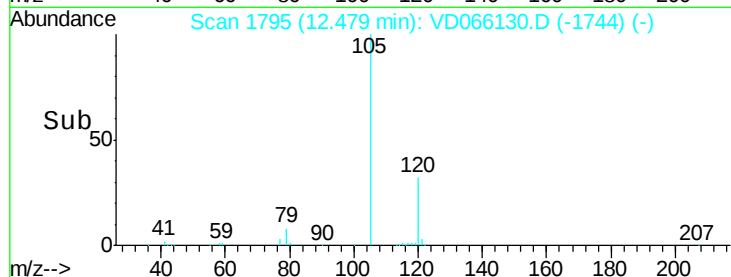
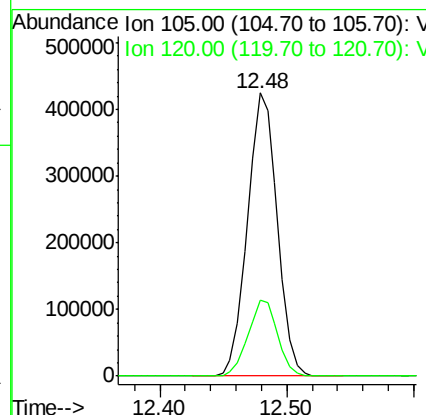
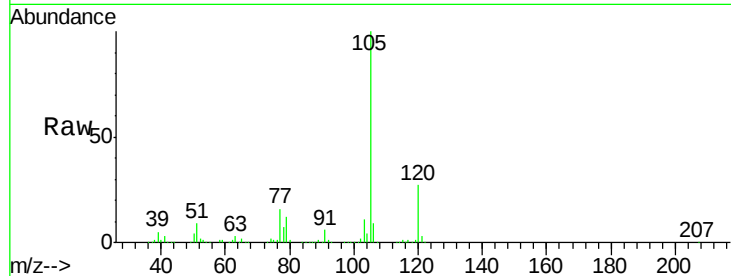




#73
Isopropylbenzene
Concen: 45.595 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

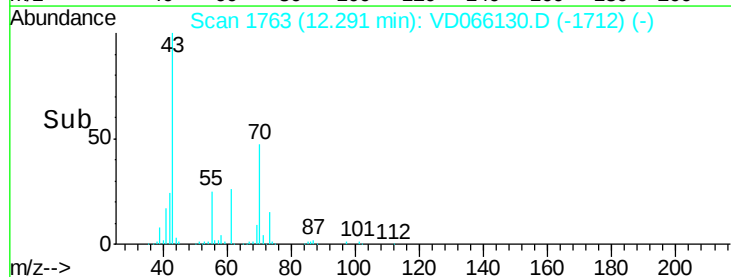
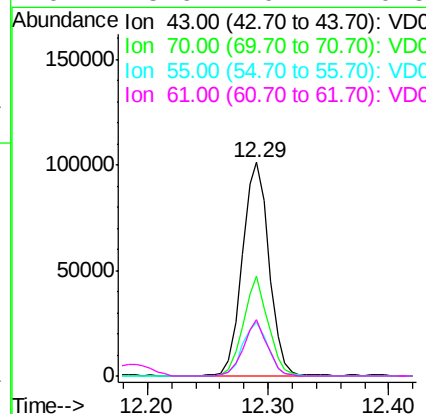
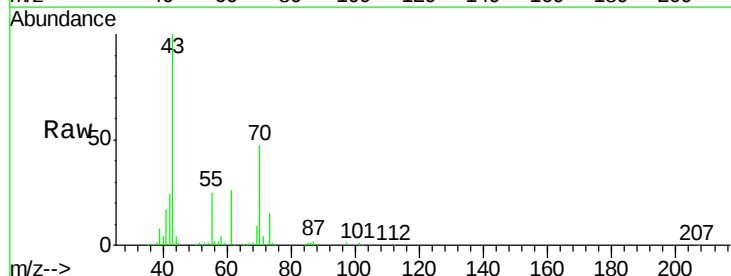
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

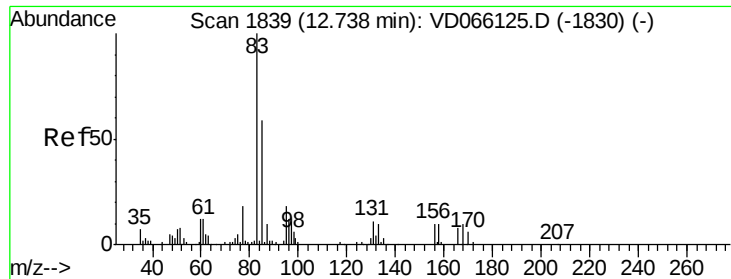
Tot Ion:105 Resp: 692123
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 46.621 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Tgt Ion: 43 Resp: 155839
Ion Ratio Lower Upper
43 100
70 43.3 34.9 52.3
55 24.1 19.2 28.8
61 23.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 42.687 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

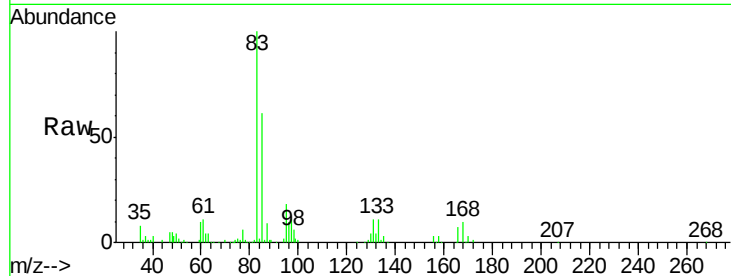
Tot Ion: 83 Resp: 110491

Ion Ratio Lower Upper

83 100

131 12.0 6.2 18.6

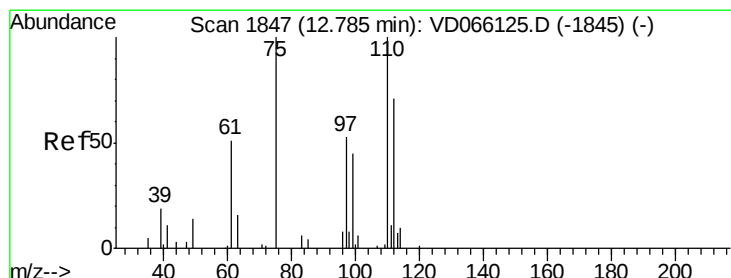
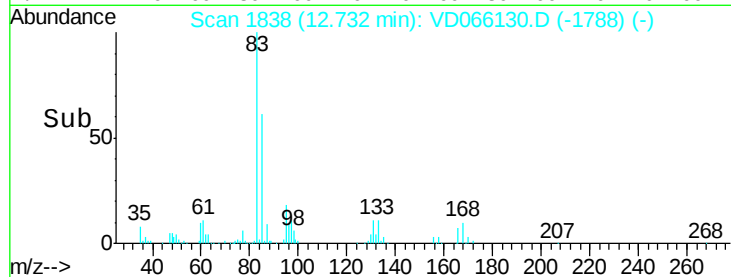
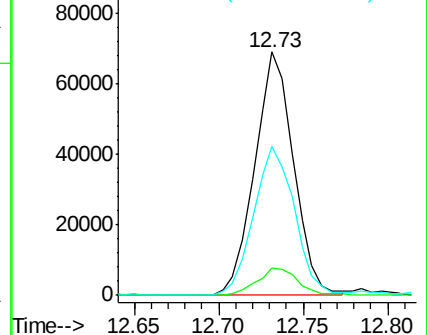
85 64.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 78.931 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066130.D

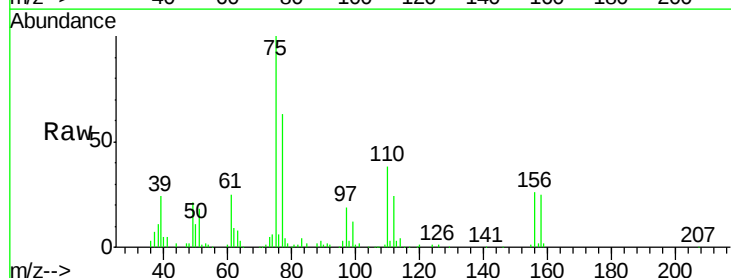
Acq: 06 Aug 2020 11:15

Tgt Ion: 75 Resp: 149684

Ion Ratio Lower Upper

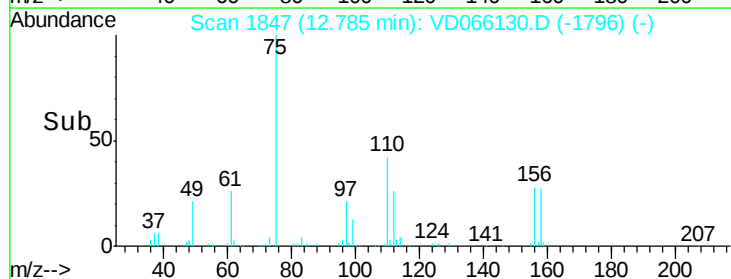
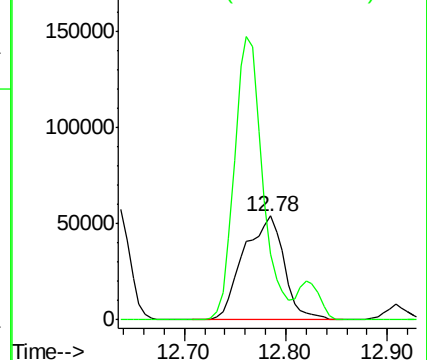
75 100

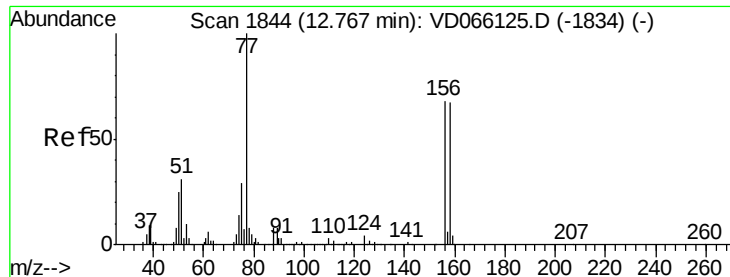
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 43.238 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

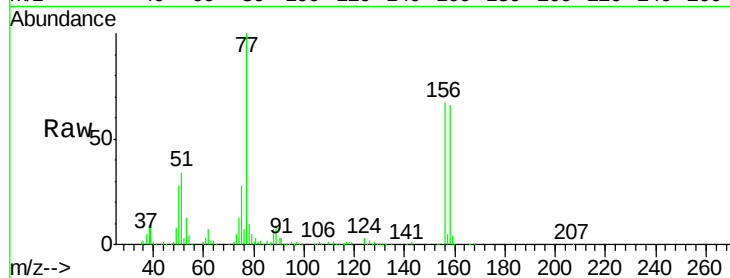
Tot Ion:156 Resp: 168955

Ion Ratio Lower Upper

156 100

77 168.3 81.0 243.1

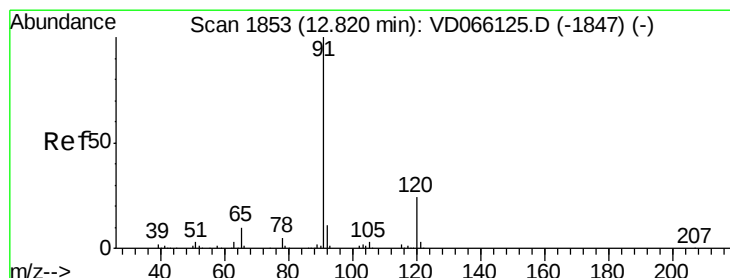
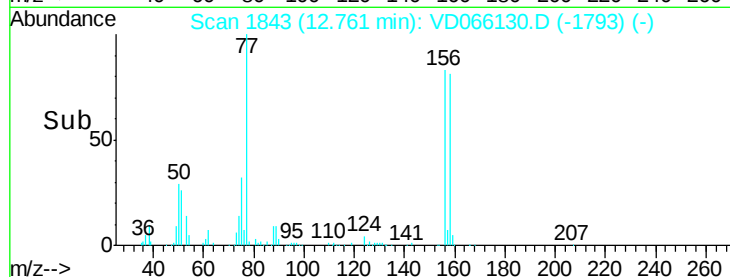
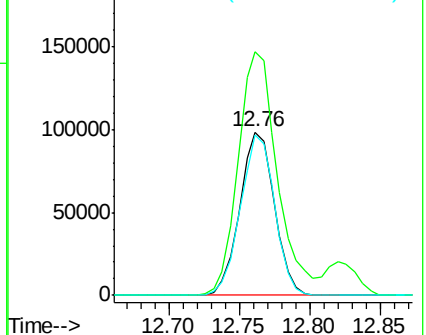
158 97.2 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.481 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066130.D

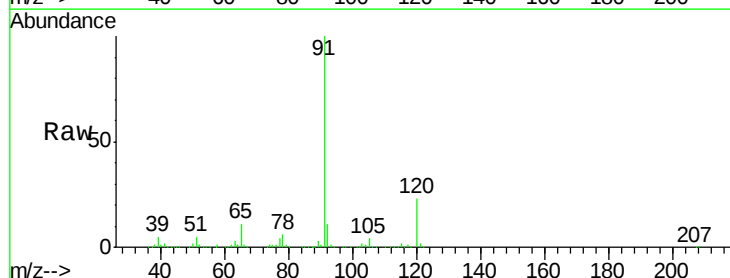
Acq: 06 Aug 2020 11:15

Tgt Ion: 91 Resp: 802532

Ion Ratio Lower Upper

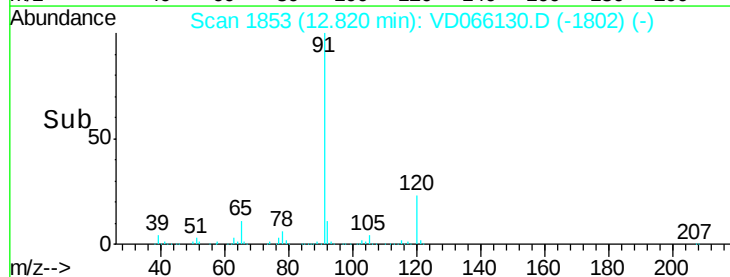
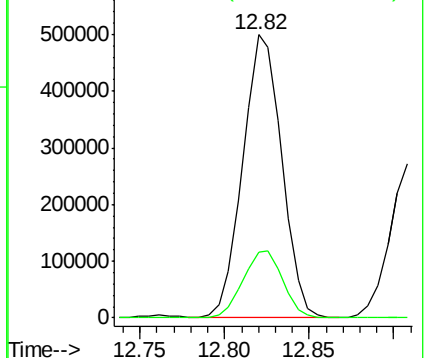
91 100

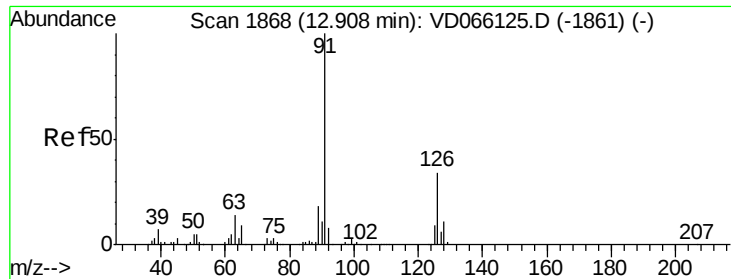
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

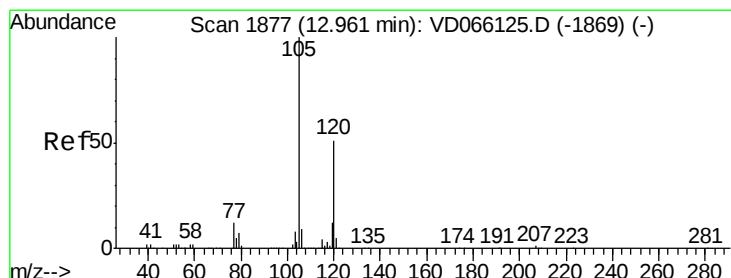
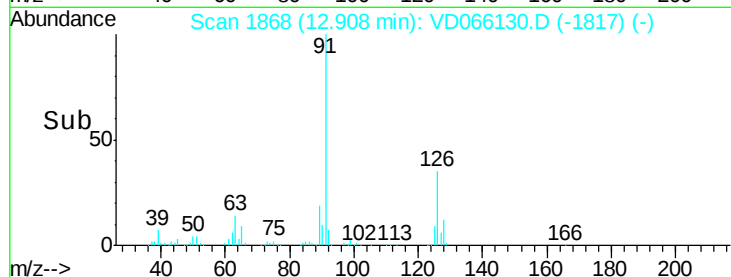
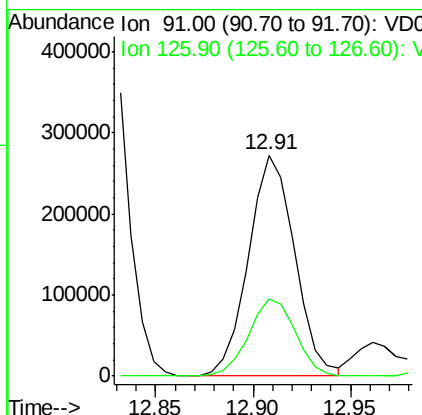
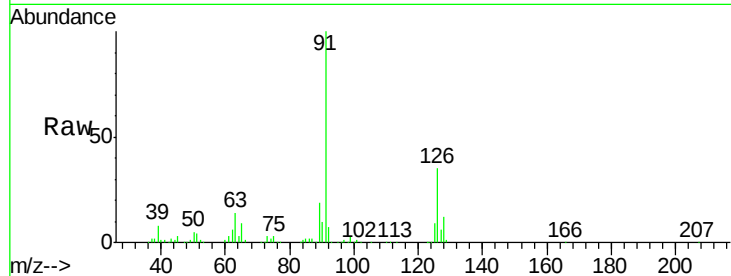




#79
2-Chlorotoluene
Concen: 44.210 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

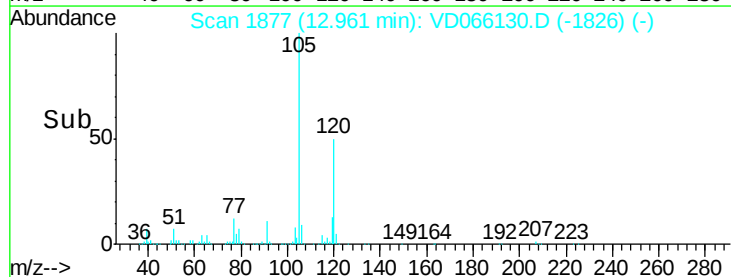
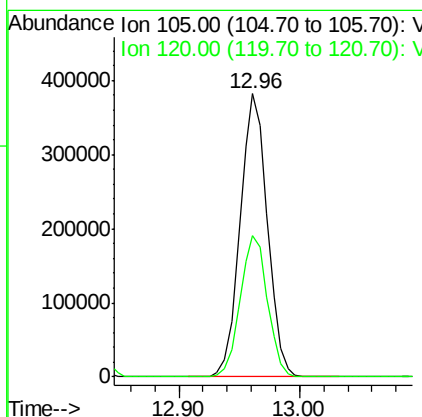
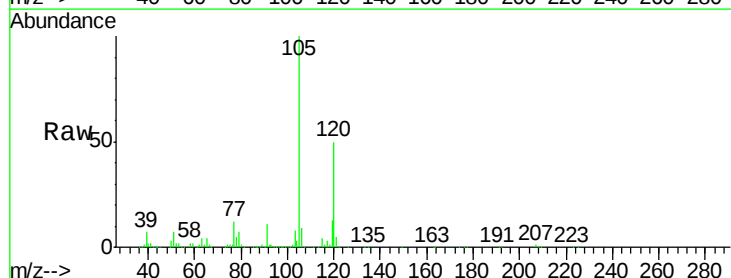
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

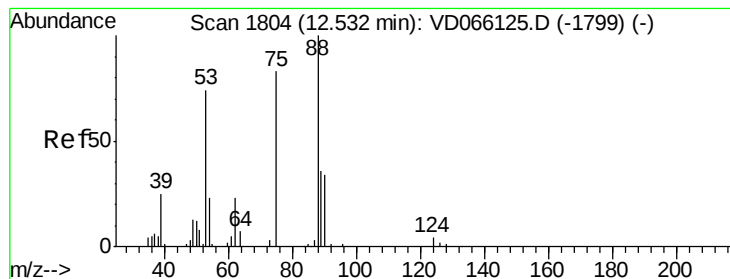
Tot Ion: 91 Resp: 446168
Ion Ratio Lower Upper
91 100
126 35.5 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 47.287 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Tgt Ion: 105 Resp: 600299
Ion Ratio Lower Upper
105 100
120 50.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 45.764 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

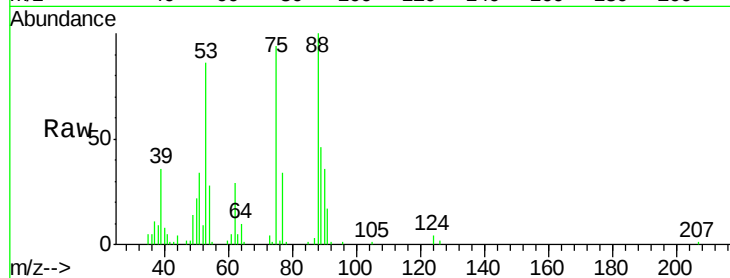
Tot Ion: 75 Resp: 39260

Ion Ratio Lower Upper

75 100

53 94.2 73.4 110.2

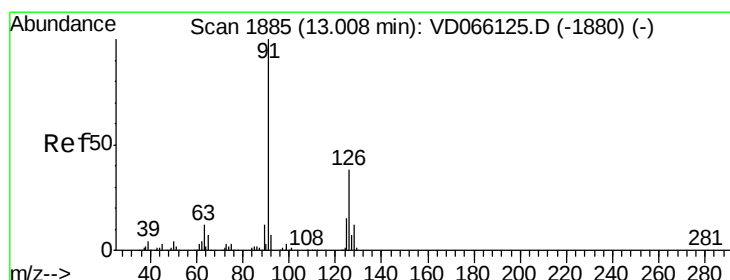
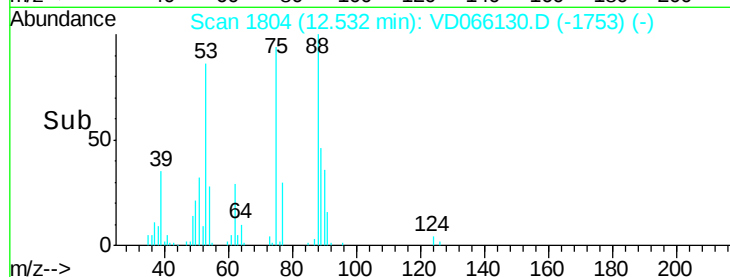
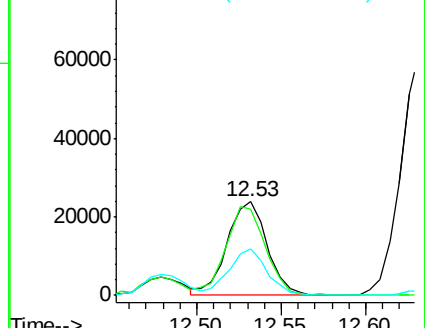
89 47.1 36.6 55.0



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: 46.182 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066130.D

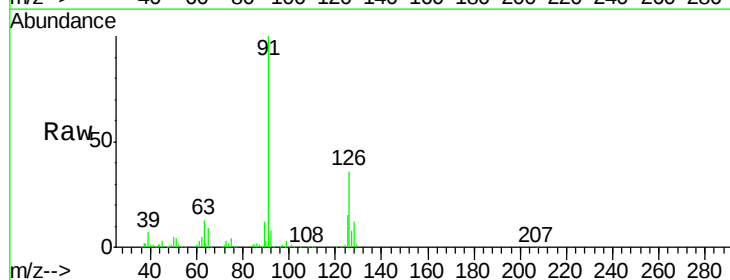
Acq: 06 Aug 2020 11:15

Tgt Ion: 91 Resp: 492000

Ion Ratio Lower Upper

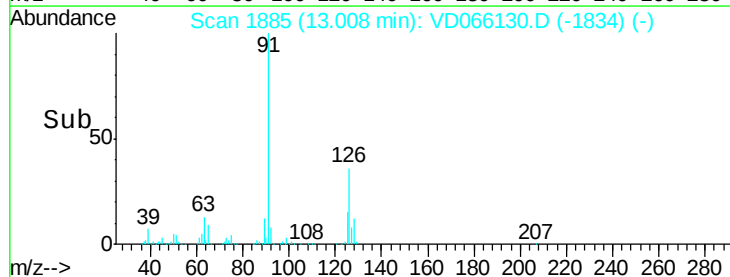
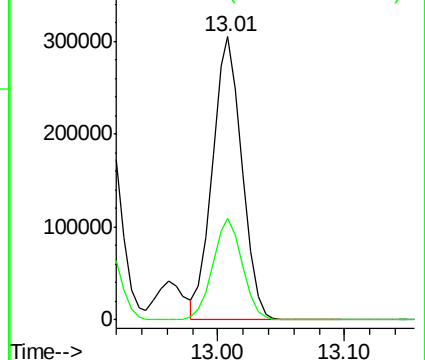
91 100

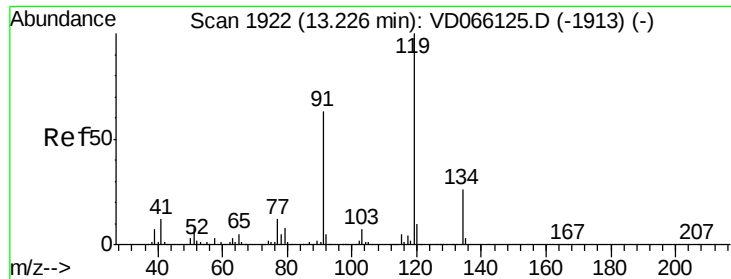
126 35.9 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

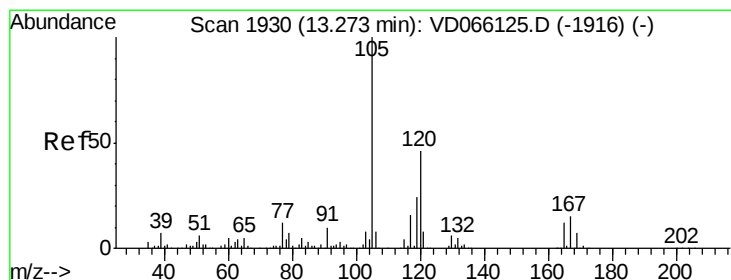
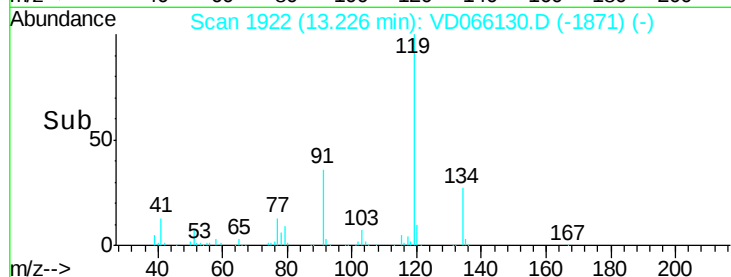
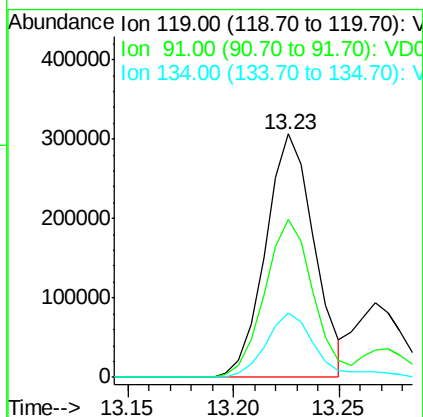
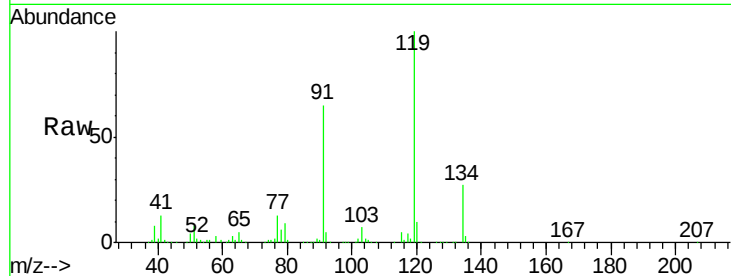




#83
tert-Butylbenzene
Concen: 43.861 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

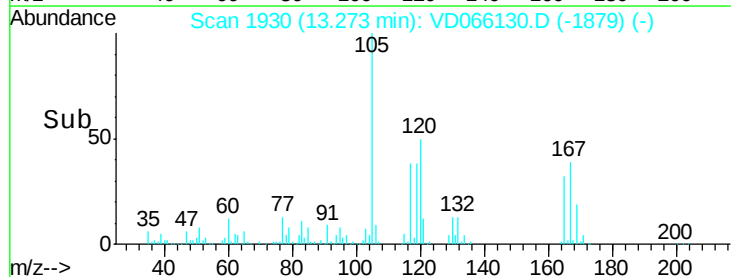
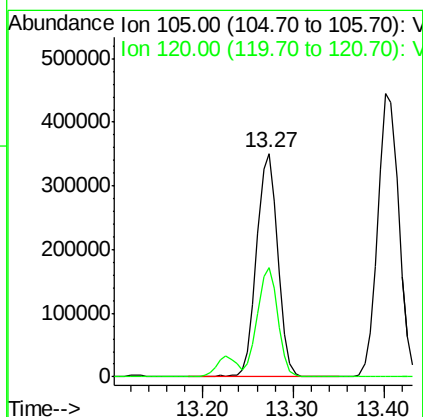
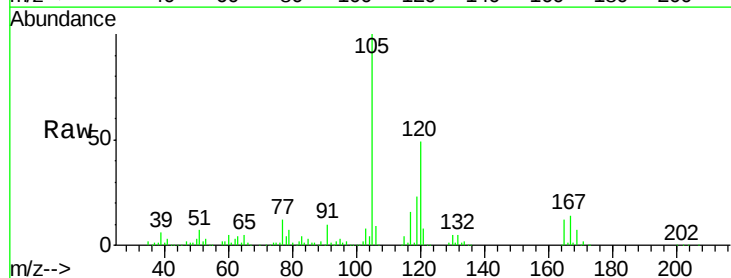
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

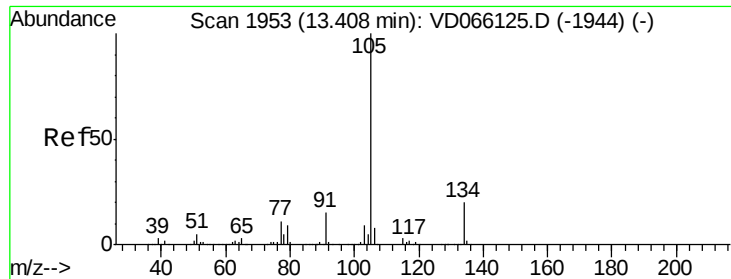
Tot Ion:119 Resp: 489683
Ion Ratio Lower Upper
119 100
91 64.8 30.8 92.4
134 27.7 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 44.808 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Tgt Ion:105 Resp: 569270
Ion Ratio Lower Upper
105 100
120 47.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 47.502 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

Instrument :

MSVOA_D

ClientSampleId :

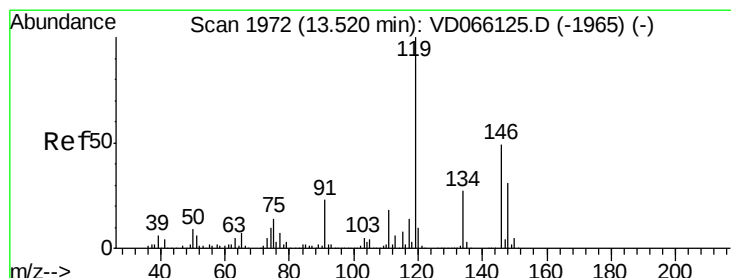
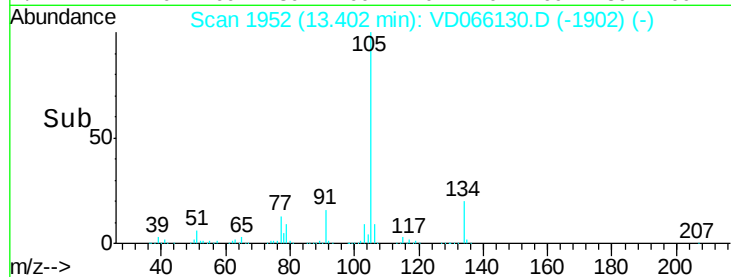
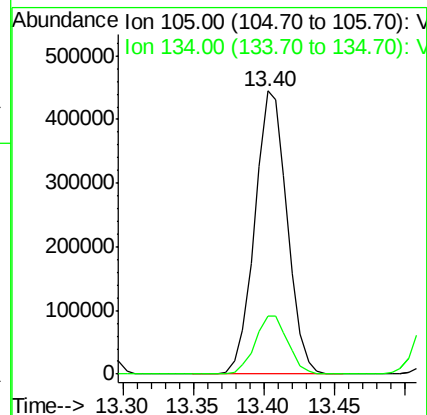
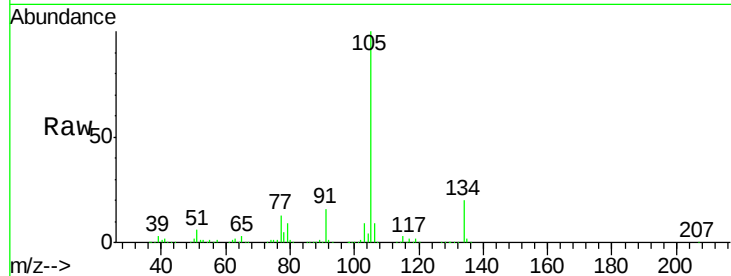
VSTDCCC050

Tot Ion:105 Resp: 716009

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.4



#86

p-Isopropyltoluene

Concen: 47.609 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066130.D

Acq: 06 Aug 2020 11:15

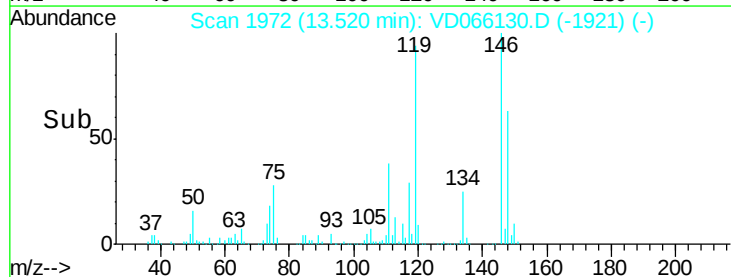
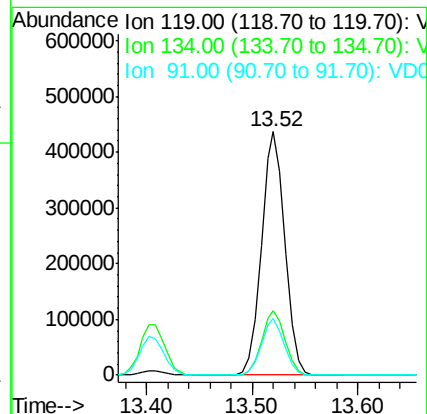
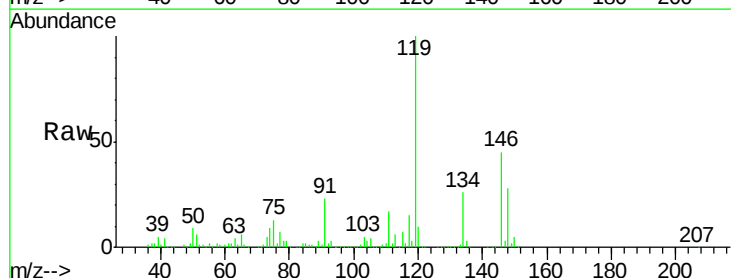
Tgt Ion:119 Resp: 673074

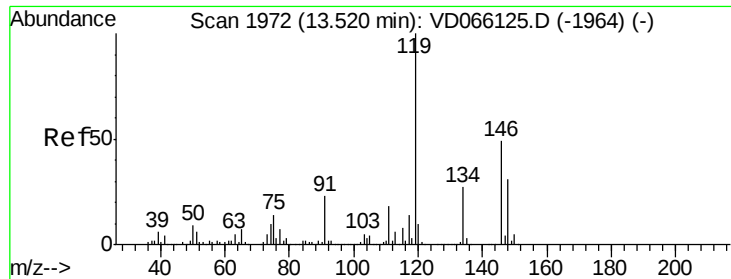
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

91 22.8 11.2 33.5

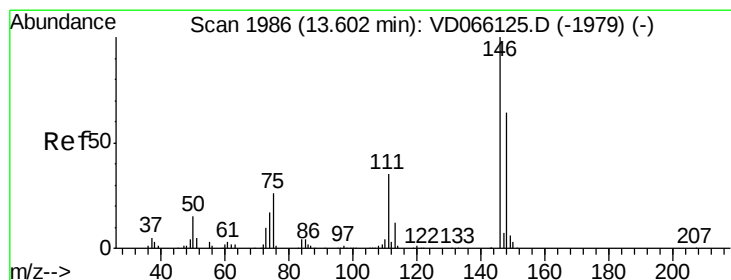
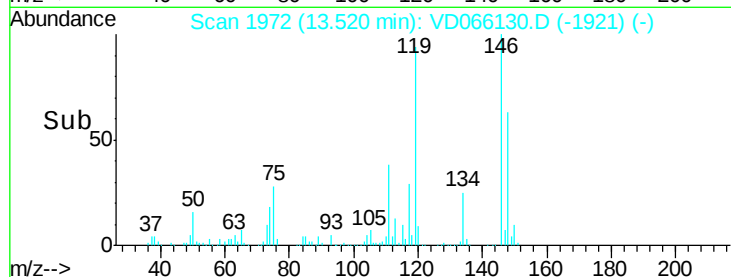
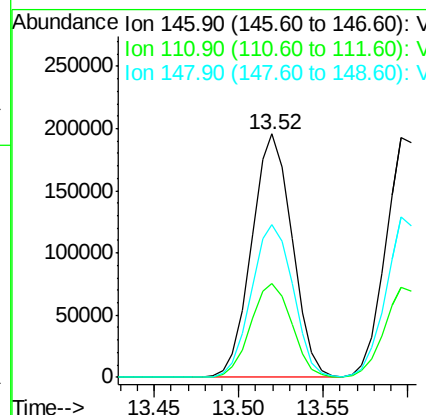
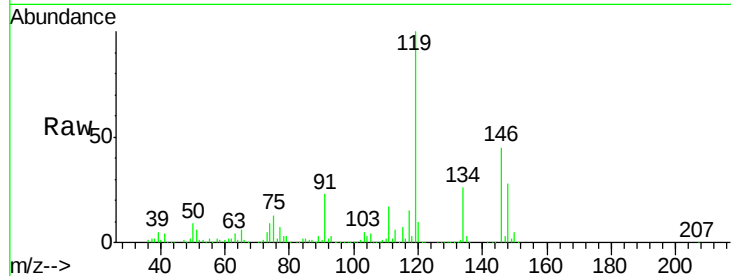




#87
 1,3-Dichlorobenzene
 Concen: 44.431 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066130.D
 Acq: 06 Aug 2020 11:15

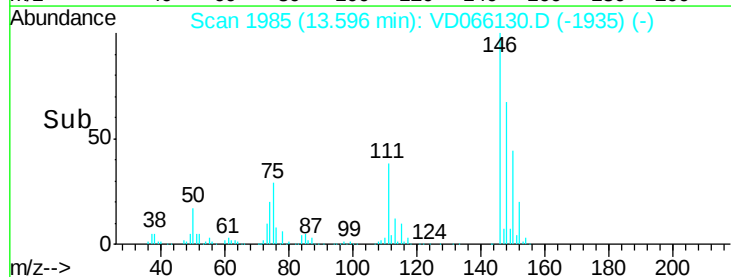
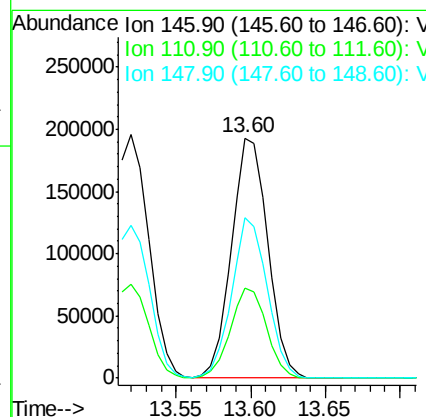
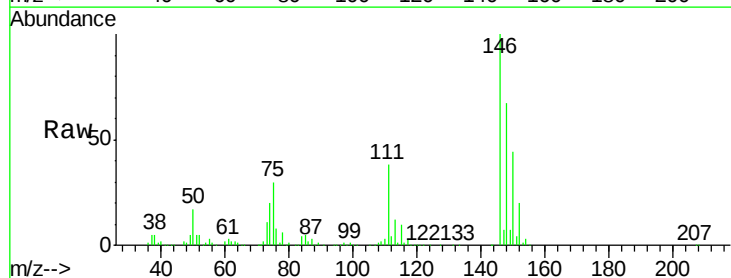
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

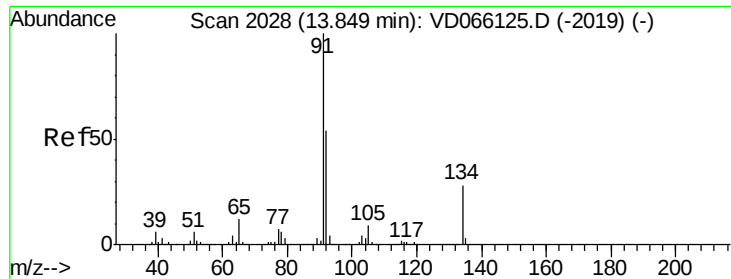
Tot Ion:146 Resp: 326304
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.9 56.9
 148 64.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 44.811 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066130.D
 Acq: 06 Aug 2020 11:15

Tgt Ion:146 Resp: 328204
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.6 55.8
 148 65.3 32.4 97.0

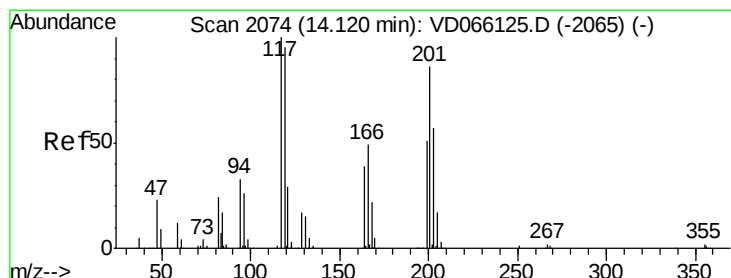
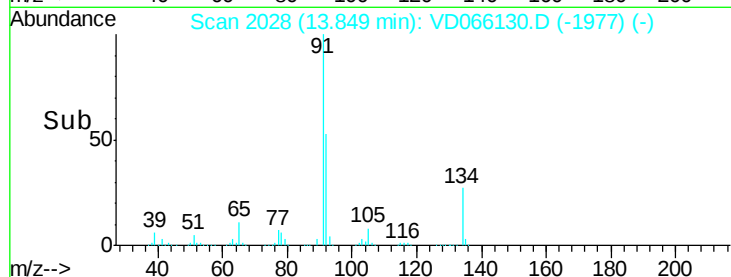
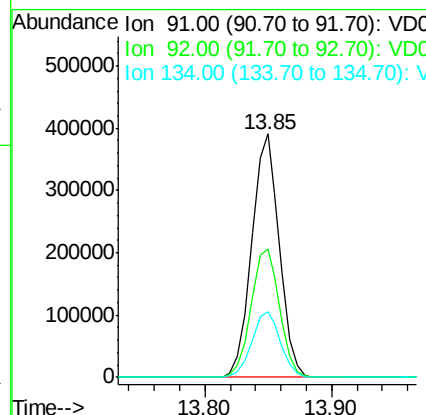
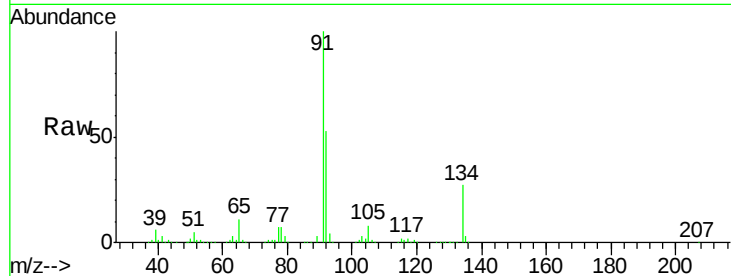




#89
n-Butylbenzene
Concen: 46.543 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

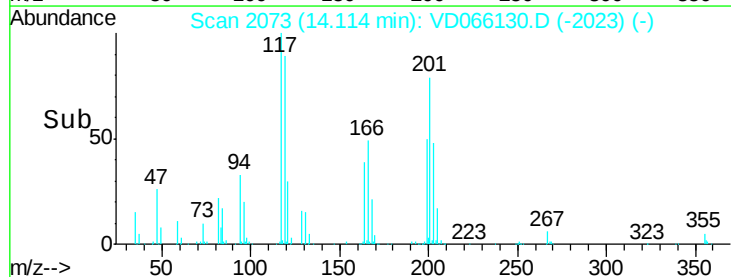
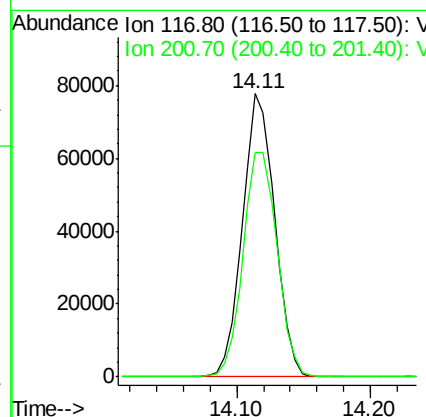
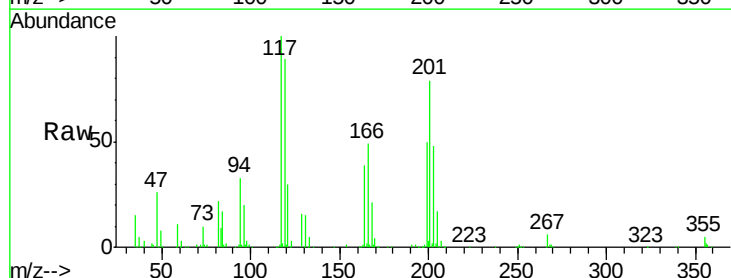
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

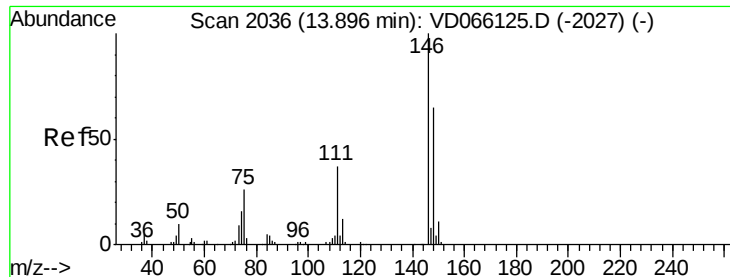
Tot Ion: 91 Resp: 589535
Ion Ratio Lower Upper
91 100
92 54.6 26.8 80.3
134 28.0 14.0 41.9



#90
Hexachloroethane
Concen: 46.003 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Tgt Ion: 117 Resp: 129710
Ion Ratio Lower Upper
117 100
201 83.9 42.7 128.1

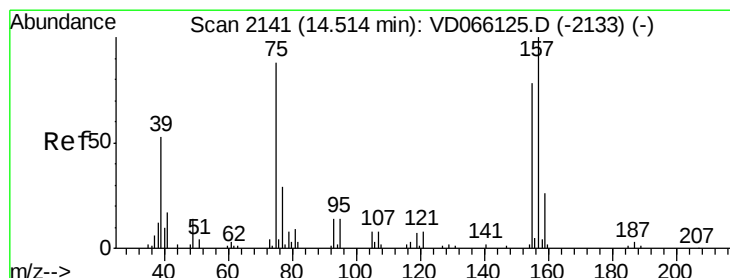
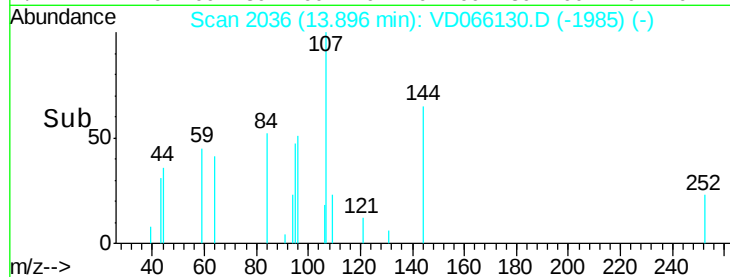
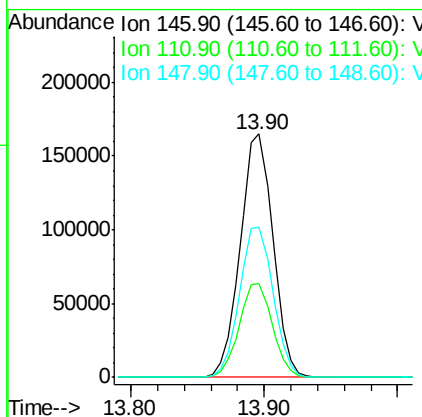
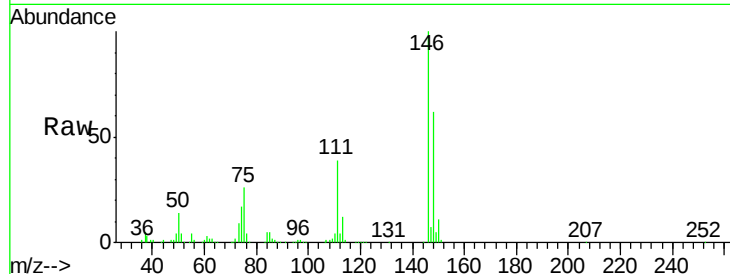




#91
 1,2-Dichlorobenzene
 Concen: 43.087 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066130.D
 Acq: 06 Aug 2020 11:15

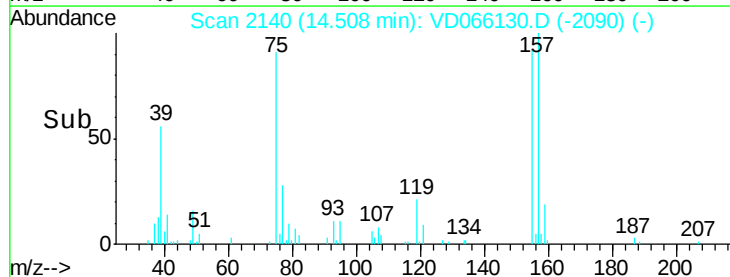
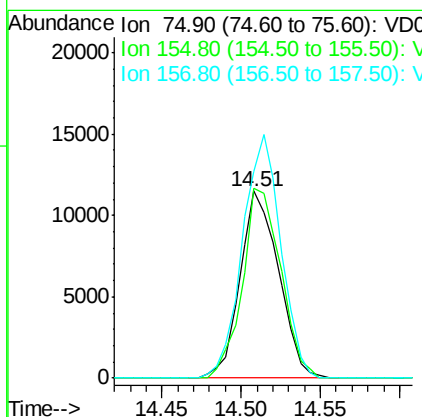
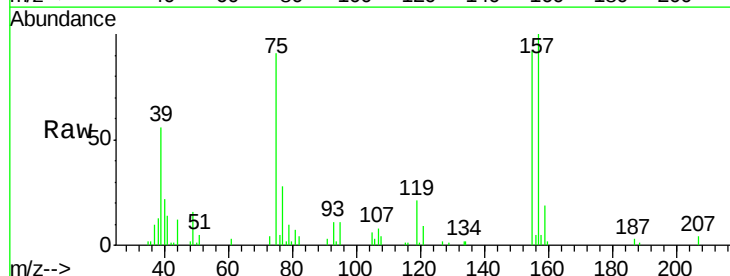
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

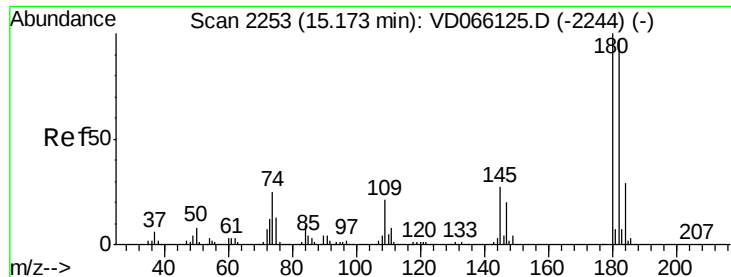
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.8	56.3
148	63.2	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.755 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066130.D
 Acq: 06 Aug 2020 11:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.7	47.7	143.1
157	129.0	62.1	186.2

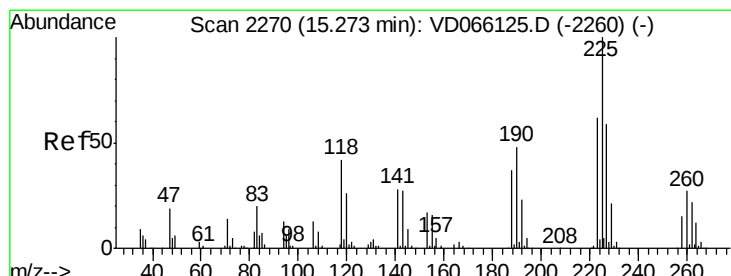
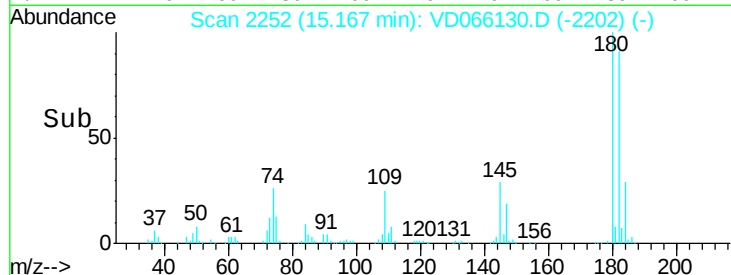
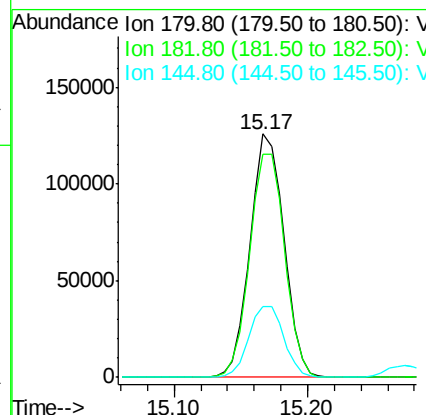
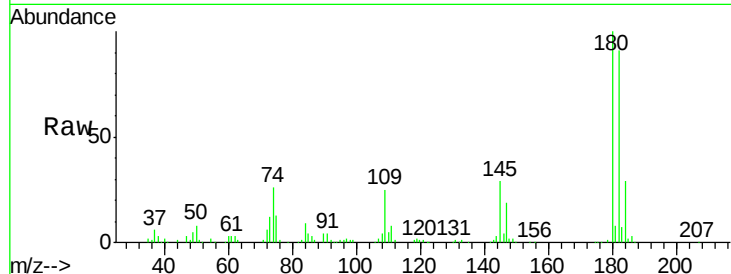




#93
 1,2,4-Trichlorobenzene
 Concen: 46.149 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066130.D
 Acq: 06 Aug 2020 11:15

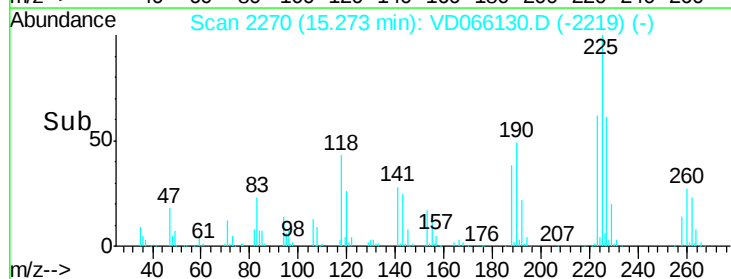
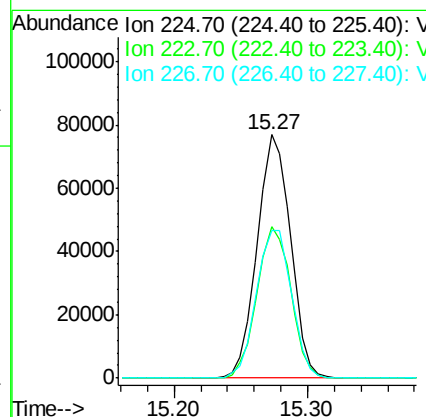
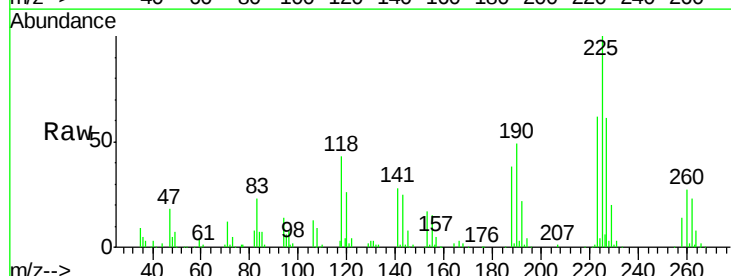
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

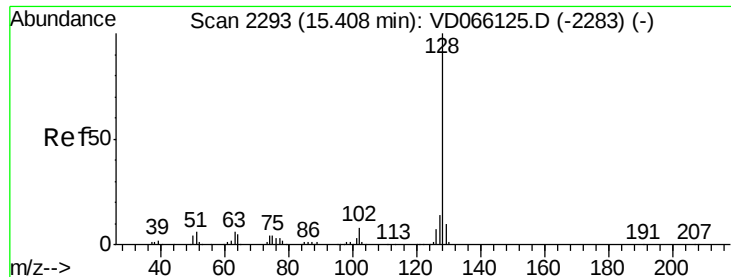
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.4	142.2
145	30.2	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 47.277 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066130.D
 Acq: 06 Aug 2020 11:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.3	96.9
227	64.1	32.1	96.5

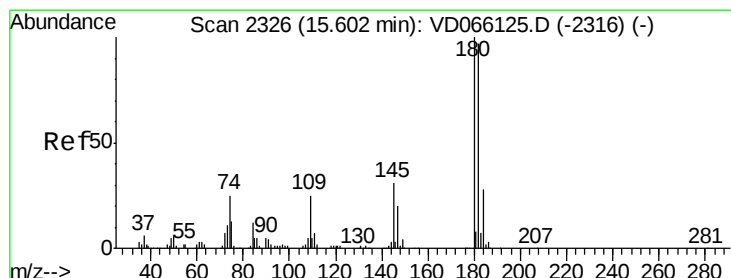
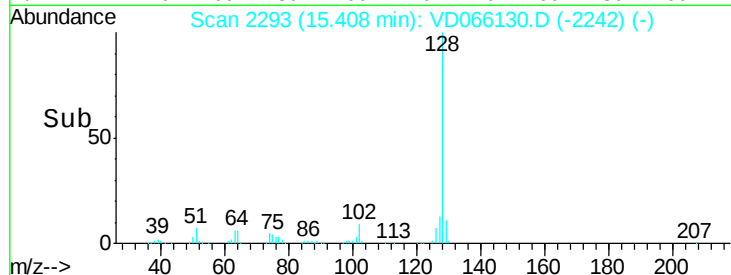
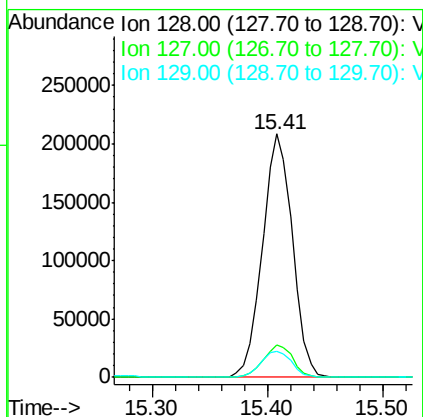
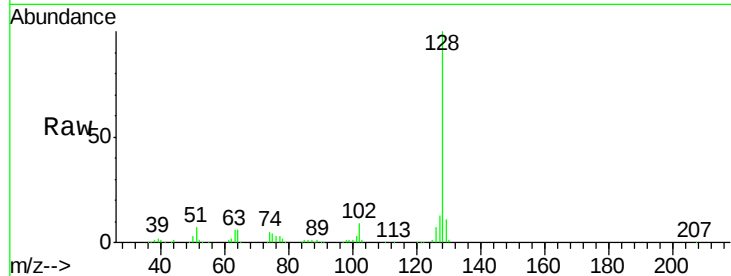




#95
Naphthalene
Concen: 48.283 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 376560
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 45.913 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066130.D
Acq: 06 Aug 2020 11:15

Tgt Ion:180 Resp: 193997
Ion Ratio Lower Upper
180 100
182 95.5 47.1 141.4
145 31.0 14.9 44.9

