

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
 Data File : VD066177.D
 Acq On : 10 Aug 2020 21:35
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 11 04:38:56 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	317409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	497574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	469301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	235795	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	159533	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	
35) Dibromofluoromethane	7.91	113	163433	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	10.33	98	589246	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.63	95	215035	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	112091	40.083	ug/l	98
3) Chloromethane	2.20	50	103839	47.734	ug/l	98
4) Vinyl Chloride	2.34	62	95724	49.703	ug/l	96
5) Bromomethane	2.76	94	66737	52.230	ug/l	92
6) Chloroethane	2.91	64	62164	52.583	ug/l #	81
7) Trichlorofluoromethane	3.27	101	227113	45.233	ug/l	93
8) Diethyl Ether	3.71	74	82904	58.517	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	140214	47.055	ug/l	99
10) Methyl Iodide	4.30	142	166497	59.847	ug/l	94
11) Tert butyl alcohol	5.22	59	57848	277.799	ug/l	100
12) 1,1-Dichloroethene	4.06	96	140276	49.902	ug/l	98
13) Acrolein	3.92	56	64797	287.472	ug/l	99
14) Allyl chloride	4.71	41	240816	56.548	ug/l	96
15) Acrylonitrile	5.43	53	185069	309.996	ug/l	97
16) Acetone	4.16	43	134833	250.942	ug/l	98
17) Carbon Disulfide	4.40	76	422815	47.307	ug/l	99
18) Methyl Acetate	4.71	43	84164	61.669	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	371323	57.632	ug/l	97
20) Methylene Chloride	4.96	84	195009	64.555	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	166691	51.620	ug/l	98
22) Diisopropyl ether	6.36	45	503348	59.770	ug/l	96
23) Vinyl Acetate	6.30	43	1486610	301.322	ug/l	97
24) 1,1-Dichloroethane	6.26	63	292797	56.180	ug/l	99
25) 2-Butanone	7.21	43	222549	281.608	ug/l	99
26) 2,2-Dichloropropane	7.20	77	213314	45.667	ug/l	100
27) cis-1,2-Dichloroethene	7.20	96	190288	56.181	ug/l	98
28) Bromochloromethane	7.54	49	120750	65.966	ug/l	91
29) Tetrahydrofuran	7.56	42	150407	307.186	ug/l	97
30) Chloroform	7.71	83	301203	55.039	ug/l	98
31) Cyclohexane	7.98	56	238788	48.132	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	256486	49.987	ug/l	98
36) 1,1-Dichloropropene	8.11	75	219908	47.032	ug/l	99
37) Ethyl Acetate	7.29	43	100381	54.185	ug/l	98
38) Carbon Tetrachloride	8.09	117	236696	45.395	ug/l	94

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

39) Methylcyclohexane	9.35	83	279086	49.377	ug/l	98
40) Benzene	8.34	78	659825	50.870	ug/l	96
41) Methacrylonitrile	7.56	41	146946	134.905	ug/l #	21
42) 1,2-Dichloroethane	8.42	62	196904	51.675	ug/l	100
43) Isopropyl Acetate	8.44	43	204342	55.982	ug/l	99
44) Trichloroethene	9.11	130	191736	49.056	ug/l	95
45) 1,2-Dichloropropane	9.38	63	170967	53.894	ug/l	92
46) Dibromomethane	9.47	93	93667	53.604	ug/l	99
47) Bromodichloromethane	9.66	83	242025	52.406	ug/l	95
48) Methyl methacrylate	9.45	41	107167	57.499	ug/l	96
49) 1,4-Dioxane	9.46	88	23444	1044.301	ug/l	94
51) 4-Methyl-2-Pentanone	10.22	43	526553	280.842	ug/l	99
52) Toluene	10.40	92	430706	50.464	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	226404	51.657	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	277315	54.004	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	139081	55.275	ug/l	95
56) Ethyl methacrylate	10.66	69	172036	56.916	ug/l	98
57) 1,3-Dichloropropane	10.94	76	221223	52.960	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	418248	307.622	ug/l	98
59) 2-Hexanone	10.98	43	357815	271.928	ug/l	98
60) Dibromochloromethane	11.14	129	178049	51.256	ug/l	98
61) 1,2-Dibromoethane	11.24	107	129700	53.599	ug/l	99
64) Tetrachloroethene	10.87	164	170048	47.187	ug/l	97
65) Chlorobenzene	11.67	112	475514	49.912	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	182732	49.021	ug/l	97
67) Ethyl Benzene	11.74	91	831484	50.364	ug/l	98
68) m/p-Xylenes	11.85	106	638262	99.785	ug/l	99
69) o-Xylene	12.18	106	298610	51.320	ug/l	97
70) Styrene	12.20	104	526024	51.585	ug/l	99
71) Bromoform	12.36	173	107364	48.613	ug/l #	100
73) Isopropylbenzene	12.48	105	799970	50.824	ug/l	100
74) N-amyl acetate	12.28	43	195176	56.311	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	145932	54.373	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	183722	93.432	ug/l #	100
77) Bromobenzene	12.76	156	211055	52.090	ug/l	98
78) n-propylbenzene	12.82	91	921486	50.364	ug/l	100
79) 2-Chlorotoluene	12.91	91	539661	51.571	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	689704	52.396	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	45241	50.859	ug/l	95
82) 4-Chlorotoluene	13.00	91	563010	50.967	ug/l	99
83) tert-Butylbenzene	13.23	119	580790	50.170	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	696551	52.875	ug/l	100
85) sec-Butylbenzene	13.40	105	779779	49.891	ug/l	100
86) p-Isopropyltoluene	13.52	119	725271	49.476	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	381825	50.140	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	380443	50.095	ug/l	100
89) n-Butylbenzene	13.84	91	651047	49.570	ug/l	99
90) Hexachloroethane	14.11	117	143587	49.112	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	338376	50.244	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24075	52.192	ug/l	98

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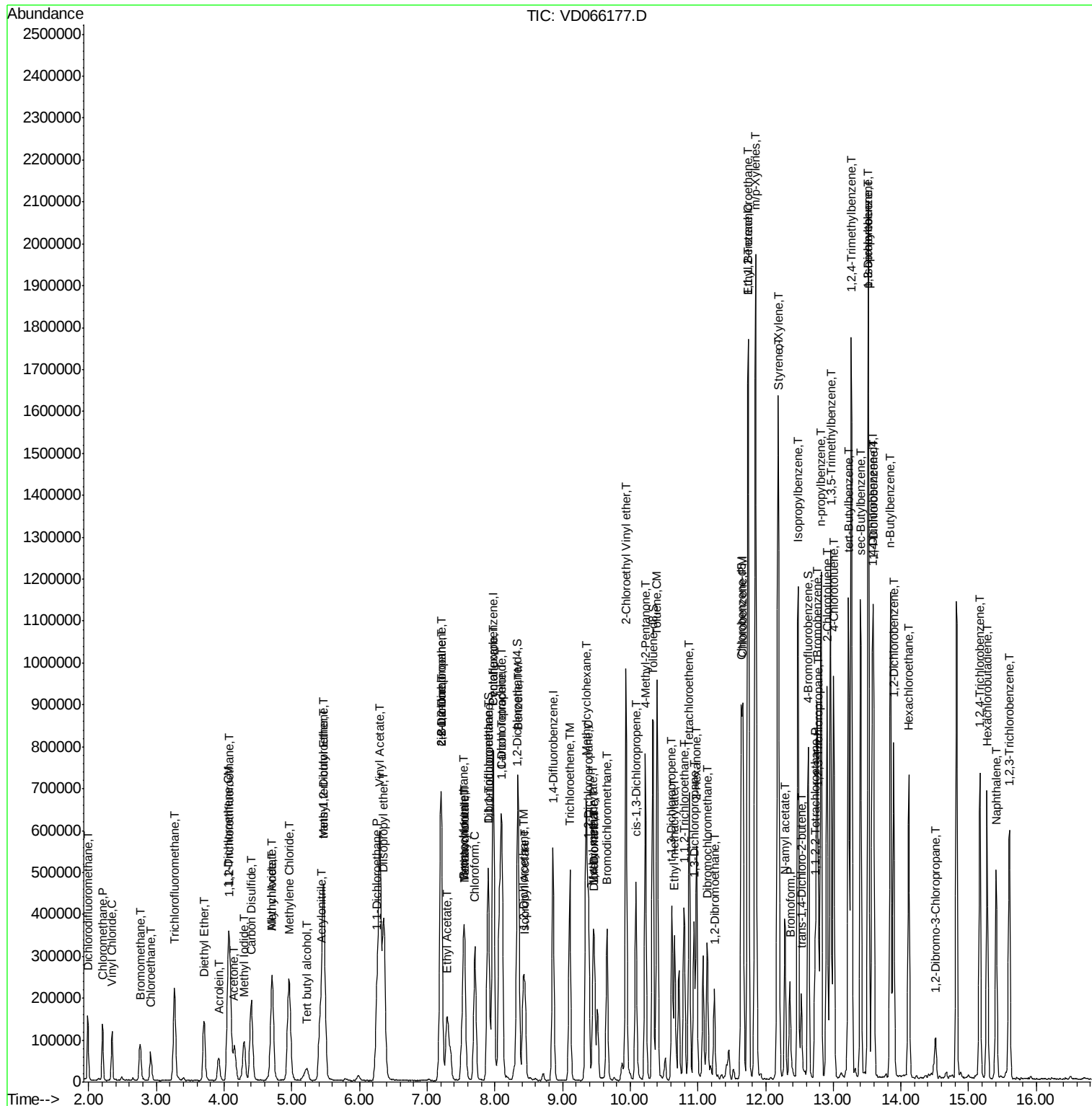
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	249987	50.370	ug/l	99
94) Hexachlorobutadiene	15.27	225	140725	48.152	ug/l	98
95) Naphthalene	15.41	128	452607	55.969	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	219622	50.128	ug/l	97

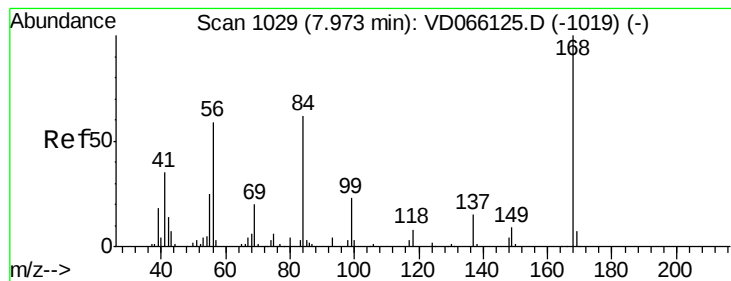
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

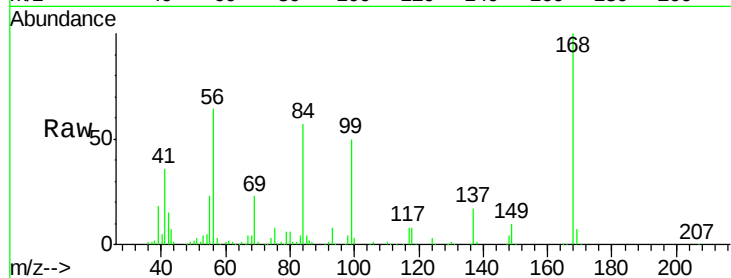
VSTDCCC050EC

Tot Ion:168 Resp: 317409

Ion Ratio Lower Upper

168 100

99 49.7 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

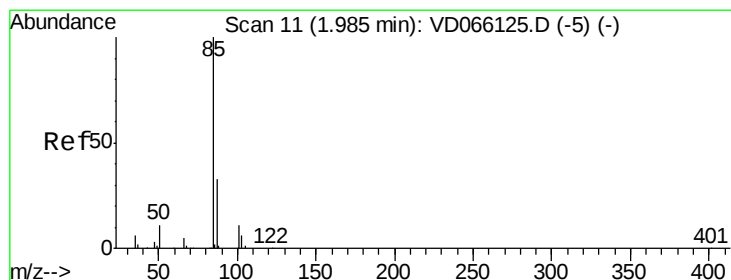
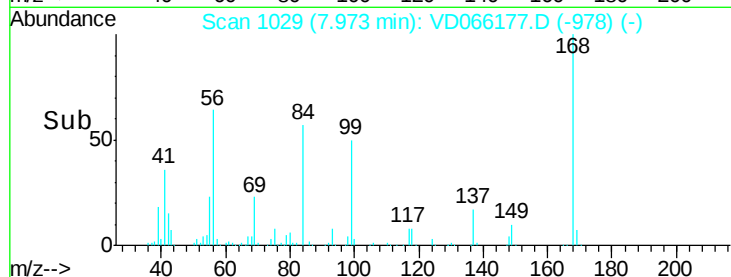
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 40.083 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066177.D

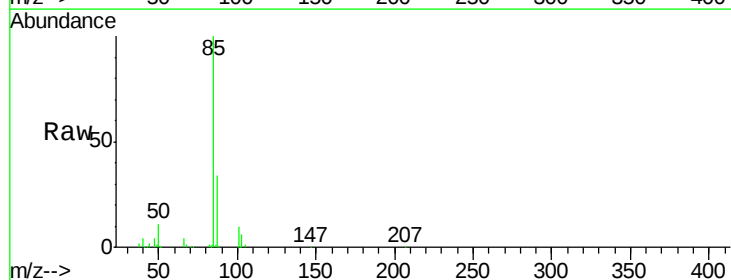
Acq: 10 Aug 2020 21:35

Tgt Ion: 85 Resp: 112091

Ion Ratio Lower Upper

85 100

87 33.7 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

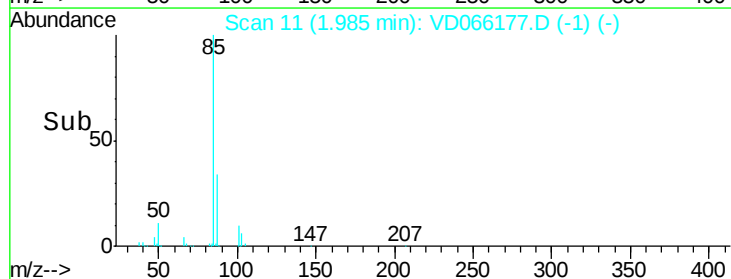
40000

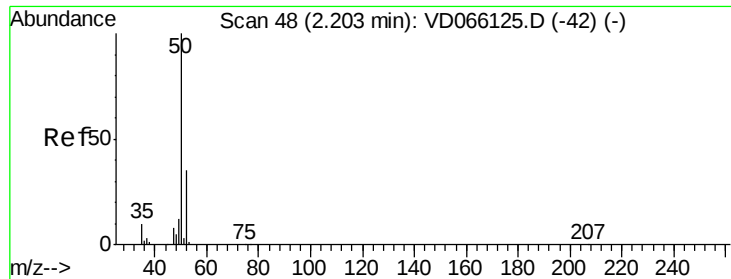
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 47.734 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

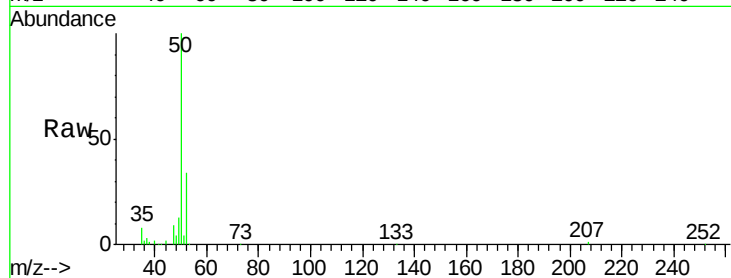
VSTDCCC050EC

Tot Ion: 50 Resp: 103839

Ion Ratio Lower Upper

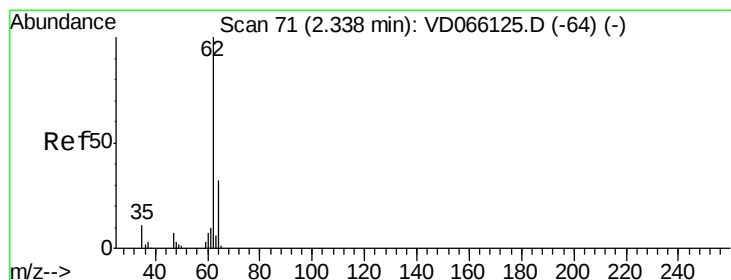
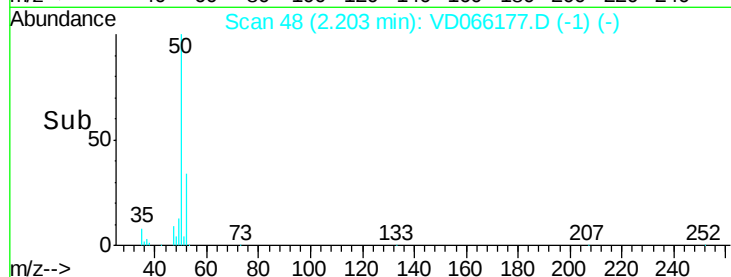
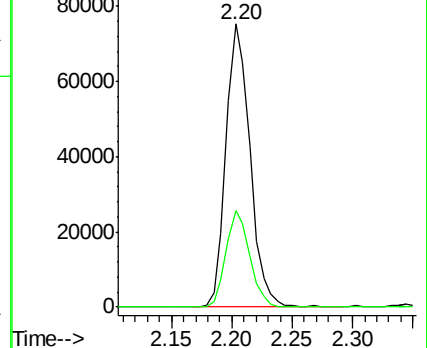
50 100

52 34.0 27.9 41.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 49.703 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066177.D

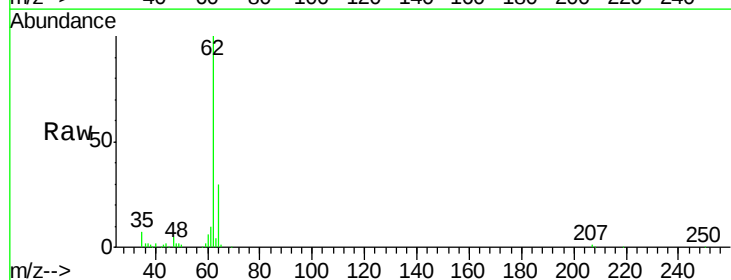
Acq: 10 Aug 2020 21:35

Tgt Ion: 62 Resp: 95724

Ion Ratio Lower Upper

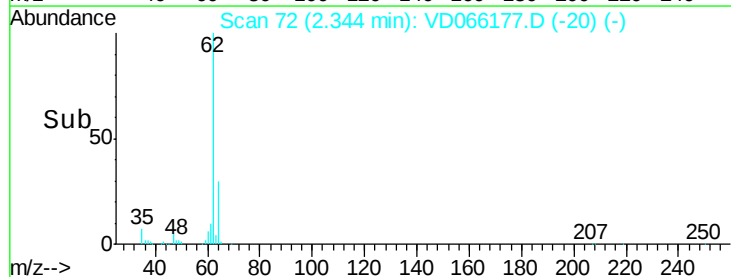
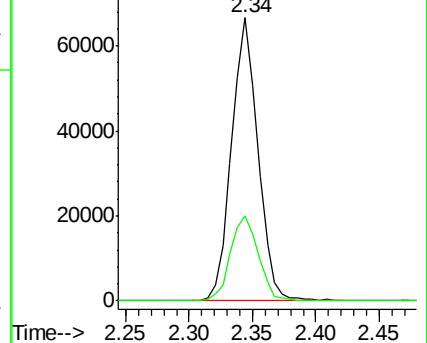
62 100

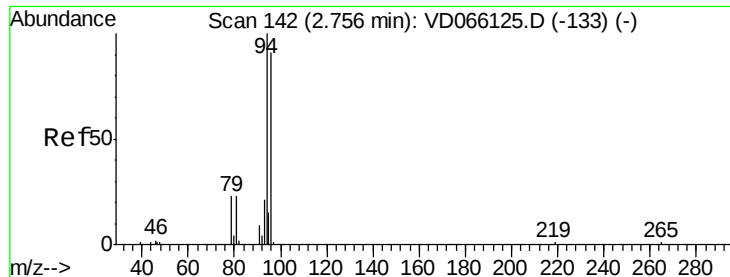
64 30.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 52.230 ug/l

RT: 2.76 min Scan# 143

Delta R.T. 0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

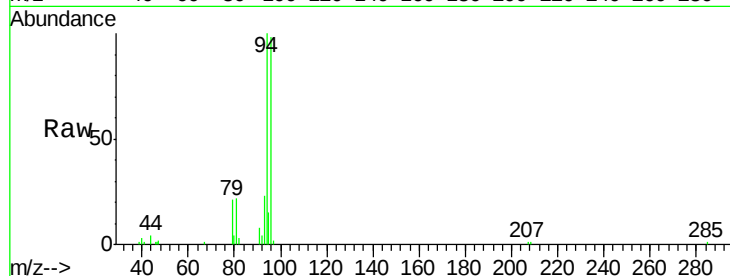
VSTDCCC050EC

Tot Ion: 94 Resp: 66737

Ion Ratio Lower Upper

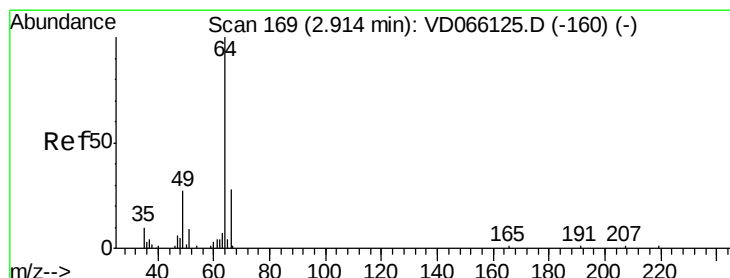
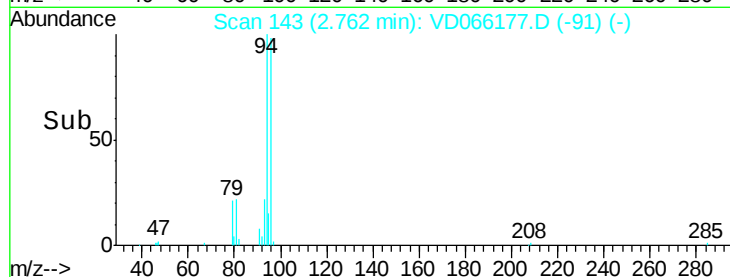
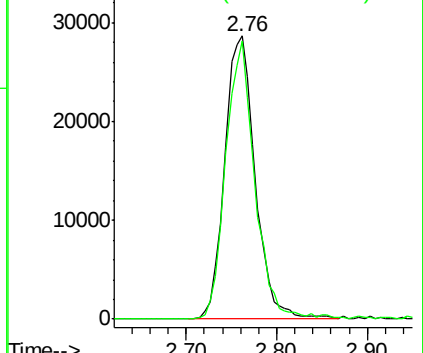
94 100

96 98.2 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: 52.583 ug/l

RT: 2.91 min Scan# 169

Delta R.T. 0.00 min

Lab File: VD066177.D

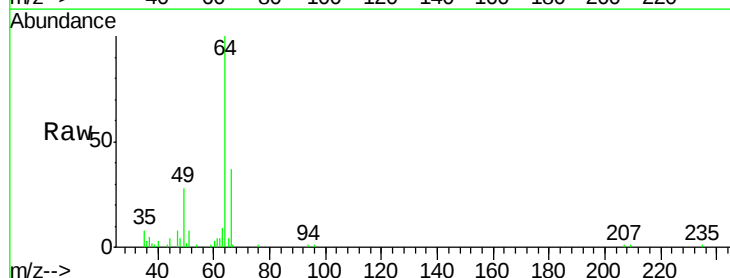
Acq: 10 Aug 2020 21:35

Tgt Ion: 64 Resp: 62164

Ion Ratio Lower Upper

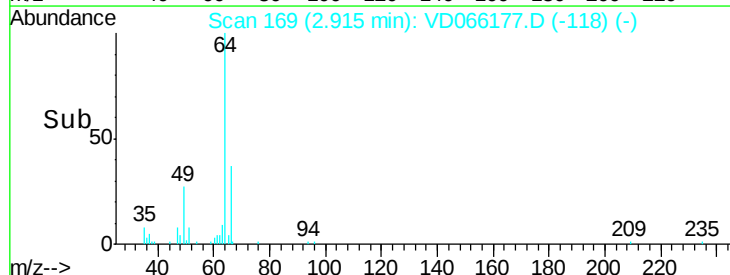
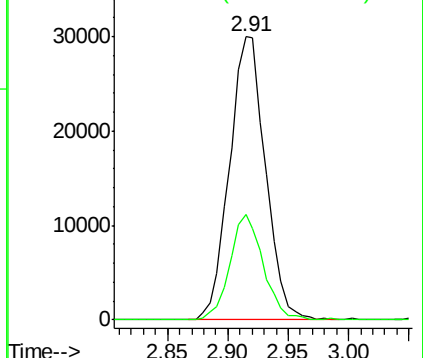
64 100

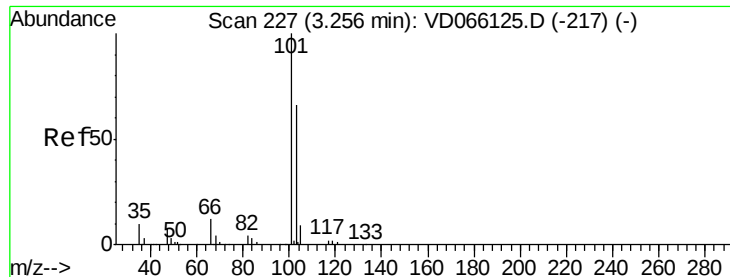
66 37.3 22.0 33.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



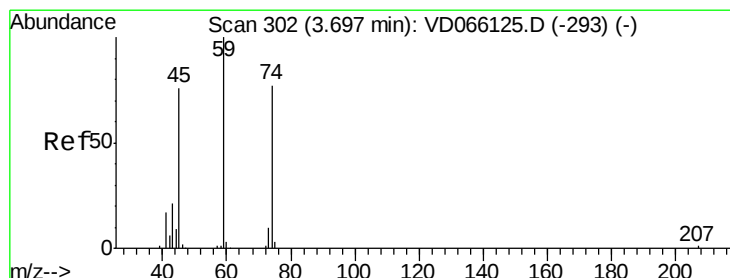
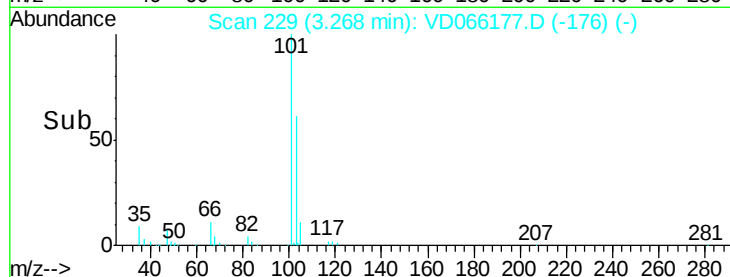
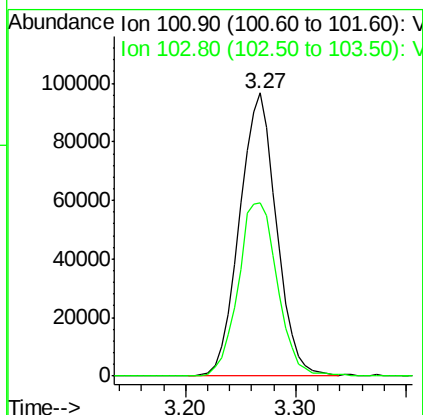
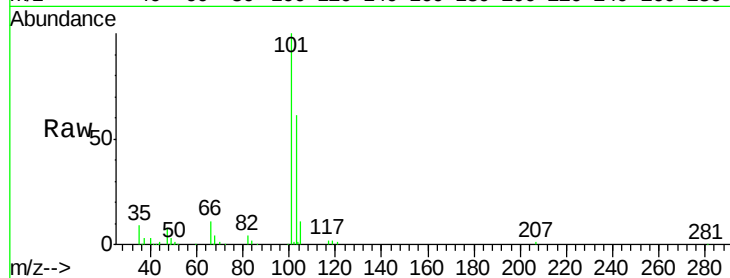


#7

Trichlorofluoromethane
 Concen: 45.233 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

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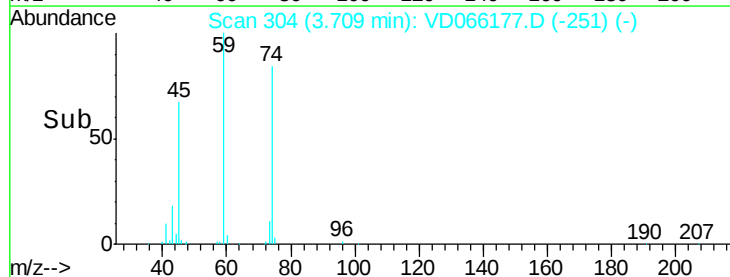
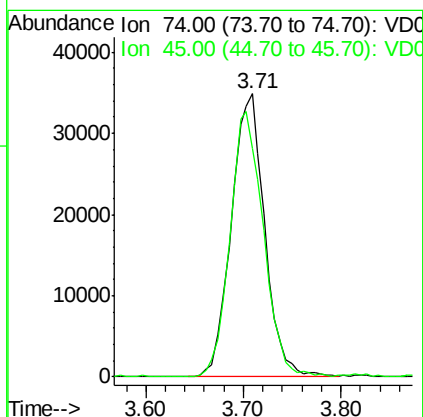
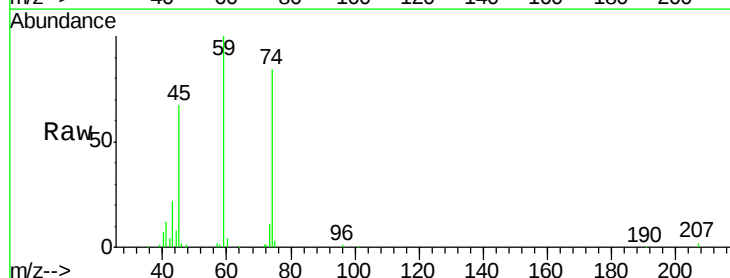
Tot Ion:101 Resp: 227113
 Ion Ratio Lower Upper
 101 100
 103 61.0 53.0 79.6

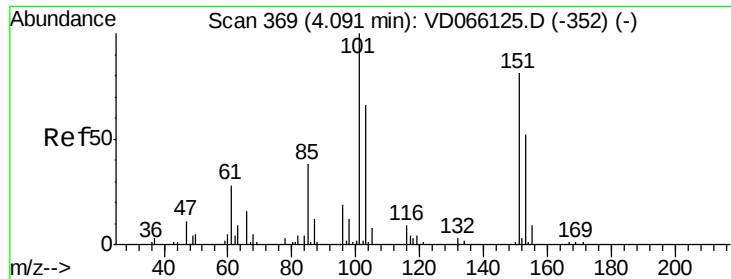


#8

Diethyl Ether
 Concen: 58.517 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion: 74 Resp: 82904
 Ion Ratio Lower Upper
 74 100
 45 93.7 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.055 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

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VSTDCCC050EC

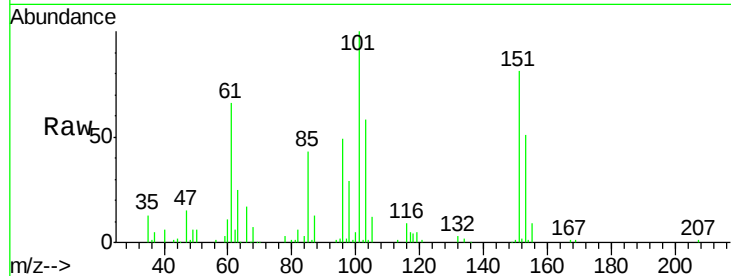
Tot Ion:101 Resp: 140214

Ion Ratio Lower Upper

101 100

85 42.5 33.5 50.3

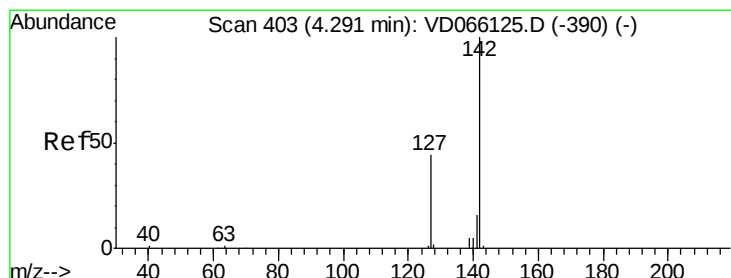
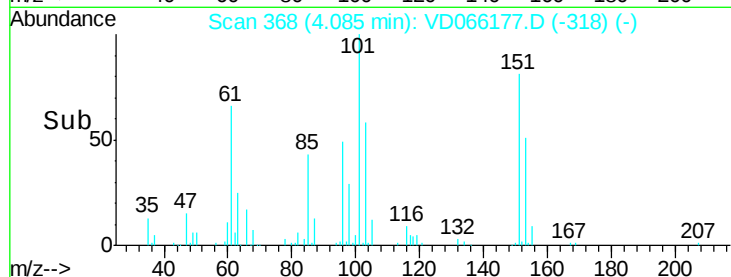
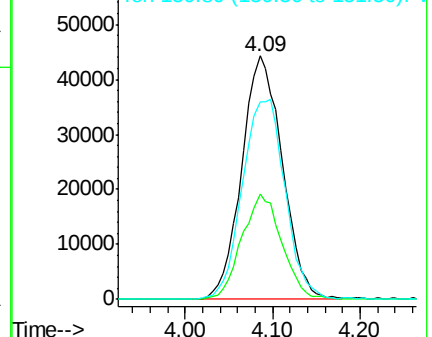
151 86.2 67.8 101.8



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: 59.847 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

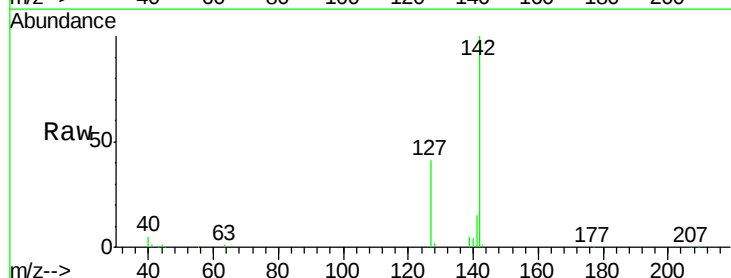
Tgt Ion:142 Resp: 166497

Ion Ratio Lower Upper

142 100

127 40.7 36.2 54.4

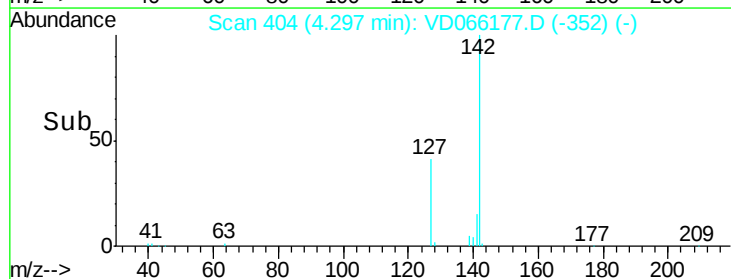
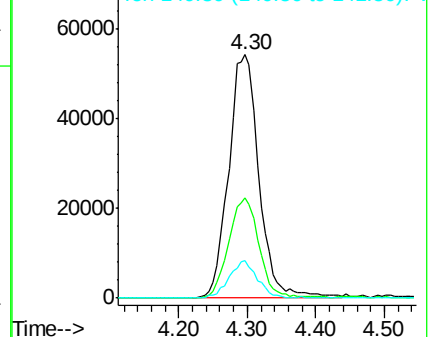
141 14.1 12.6 18.8

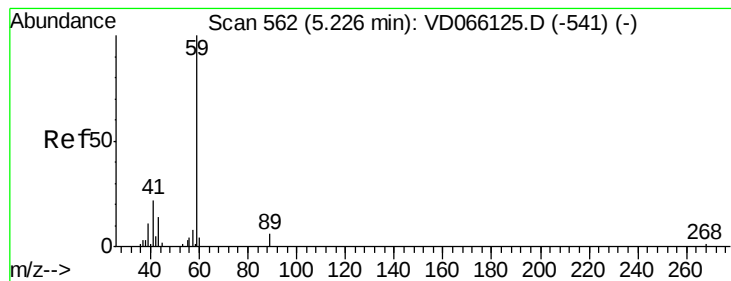


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



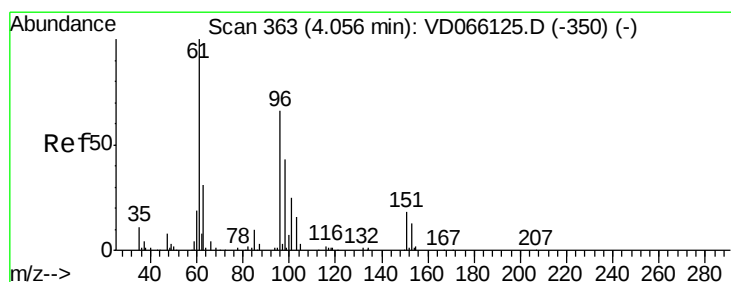
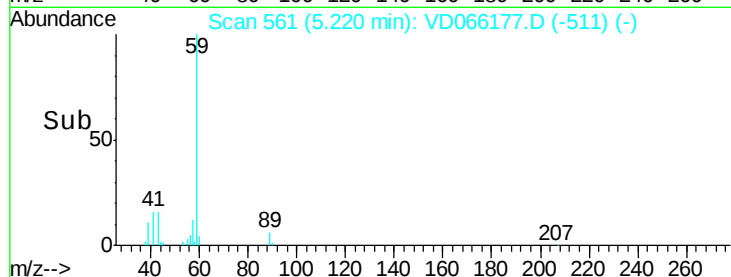
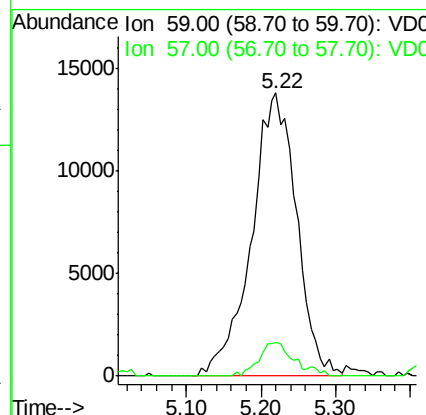
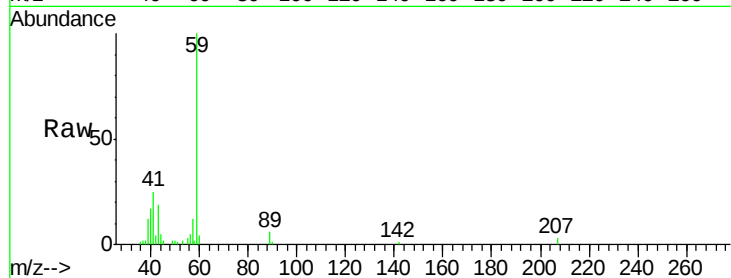


#11

Tert butyl alcohol
 Concen: 277.799 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

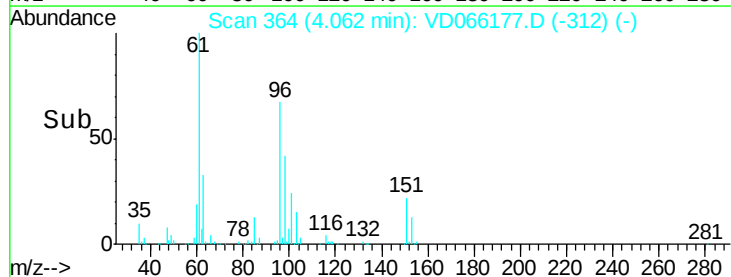
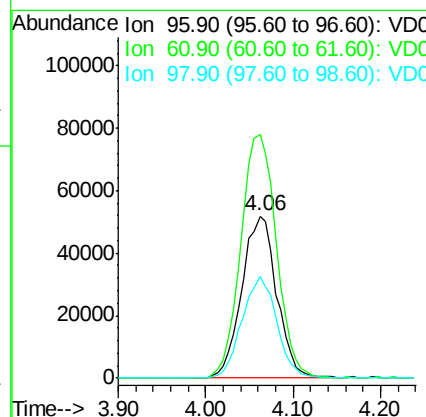
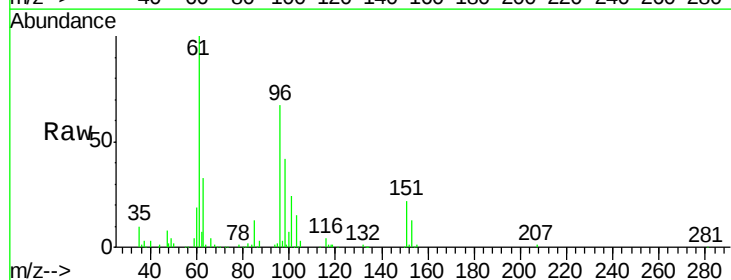
Tot Ion: 59 Resp: 57848
 Ion Ratio Lower Upper
 59 100
 57 8.6 7.0 10.4

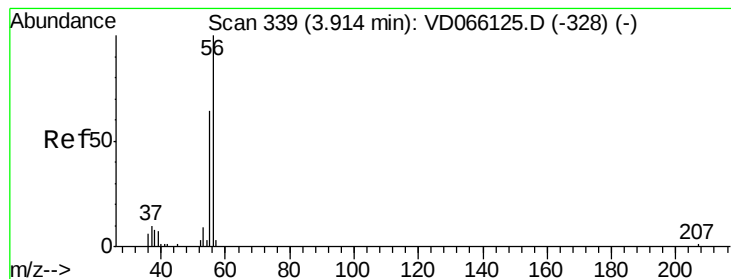


#12

1,1-Dichloroethene
 Concen: 49.902 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion: 96 Resp: 140276
 Ion Ratio Lower Upper
 96 100
 61 150.2 121.6 182.4
 98 62.8 52.0 78.0





#13

Acrolein

Concen: 287.472 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

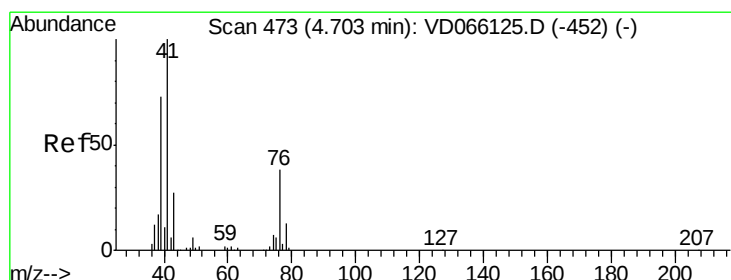
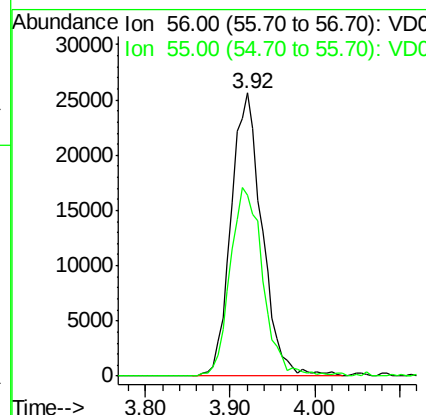
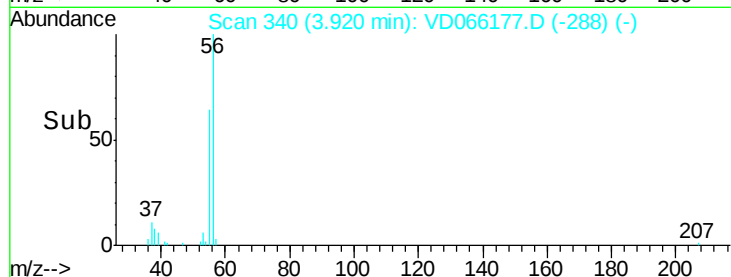
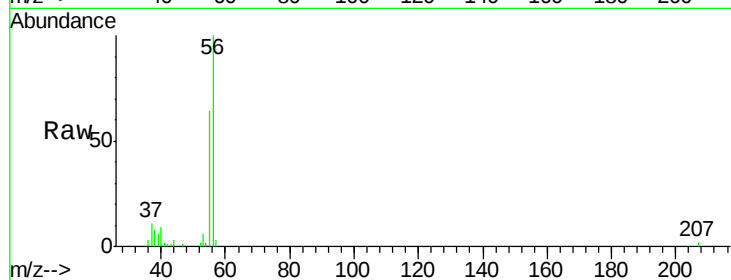
VSTDCCC050EC

Tot Ion: 56 Resp: 64797

Ion Ratio Lower Upper

56 100

55 70.0 56.7 85.1



#14

Allyl chloride

Concen: 56.548 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

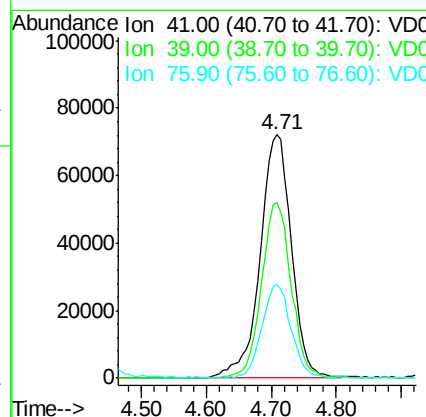
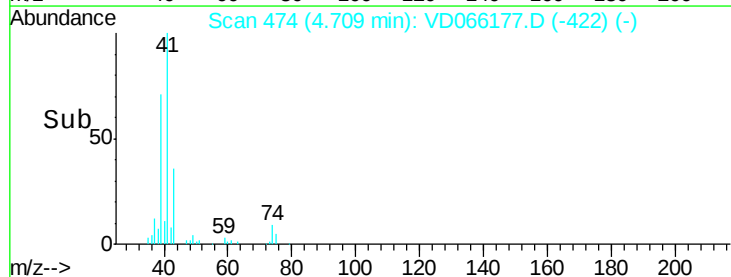
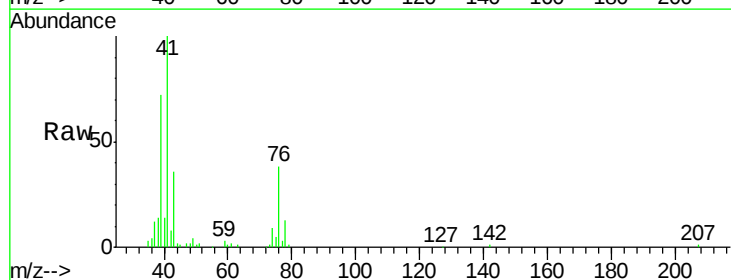
Tgt Ion: 41 Resp: 240816

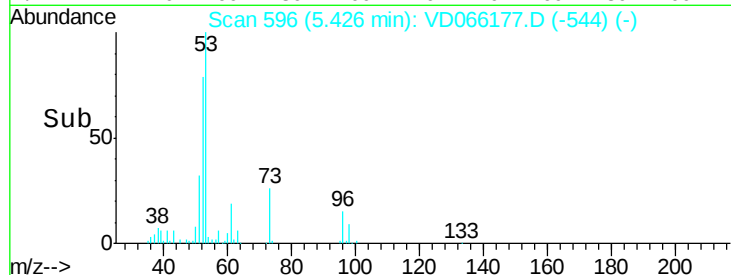
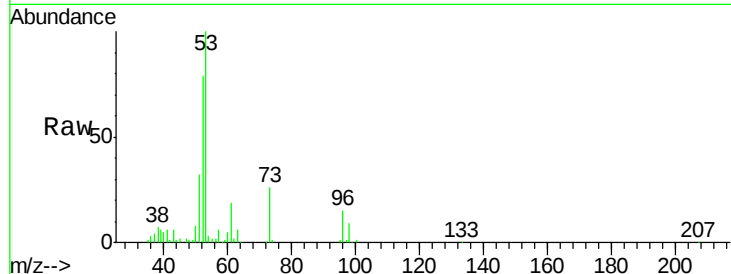
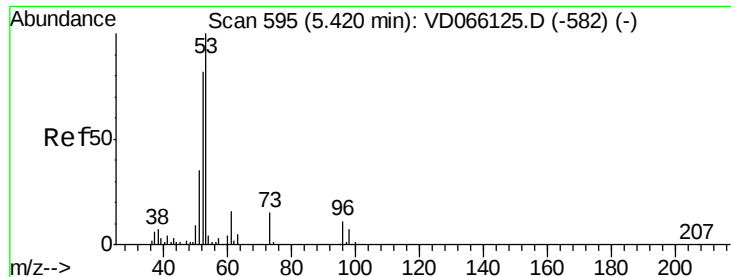
Ion Ratio Lower Upper

41 100

39 67.8 57.4 86.0

76 35.8 30.1 45.1





#15

Acrylonitrile

Concen: 309.996 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

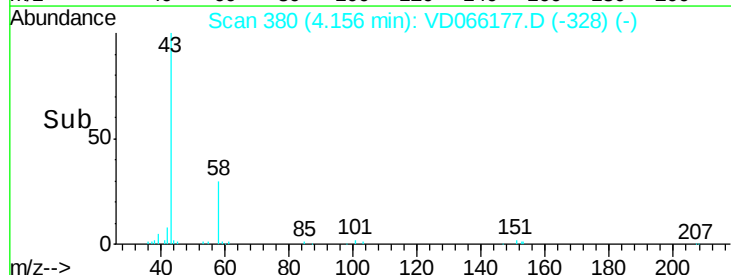
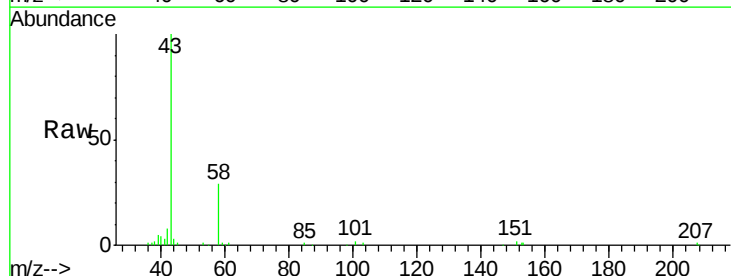
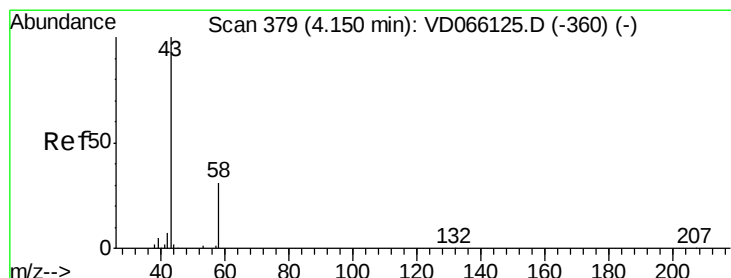
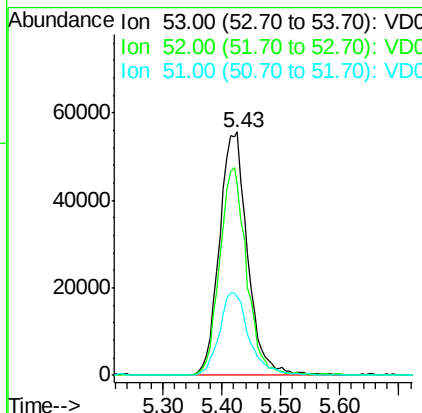
Tot Ion: 53 Resp: 185069

Ion Ratio Lower Upper

53 100

52 81.1 66.1 99.1

51 35.6 30.8 46.2



#16

Acetone

Concen: 250.942 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066177.D

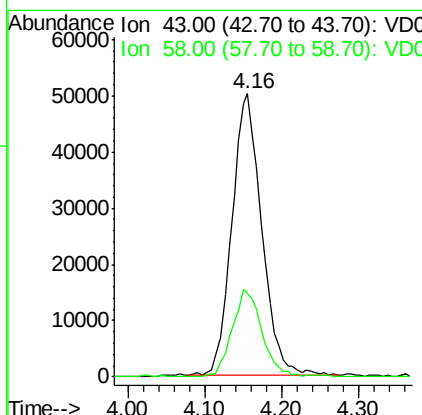
Acq: 10 Aug 2020 21:35

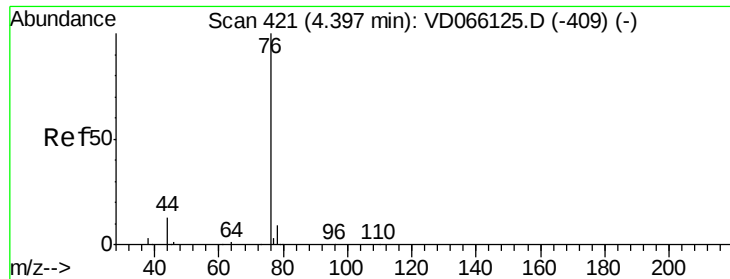
Tgt Ion: 43 Resp: 134833

Ion Ratio Lower Upper

43 100

58 29.7 24.7 37.1

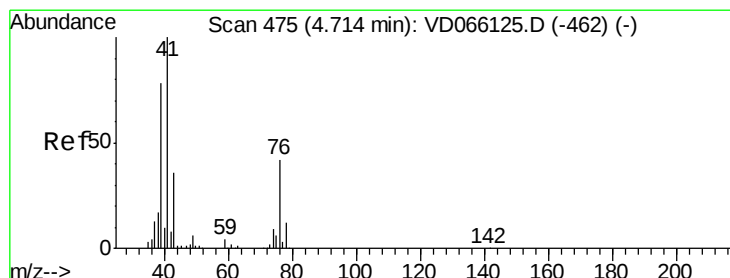
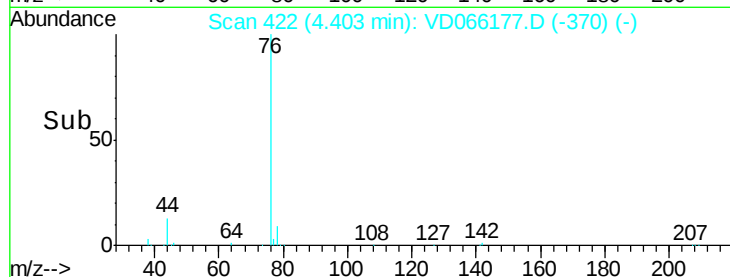
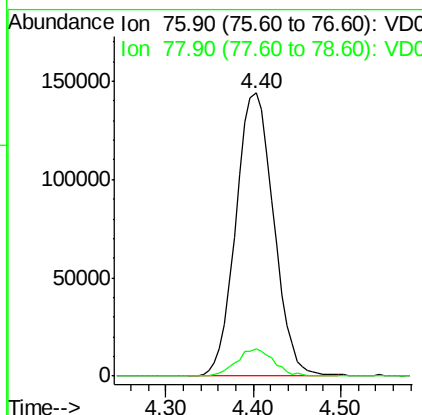
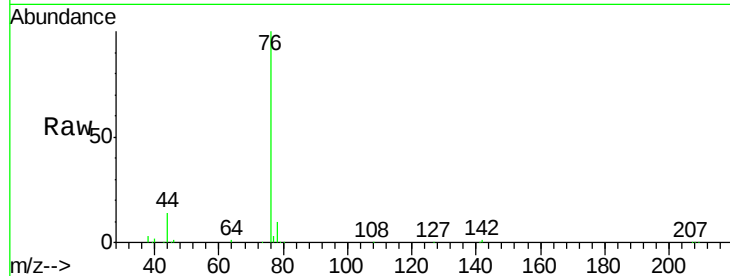




#17
Carbon Disulfide
Concen: 47.307 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

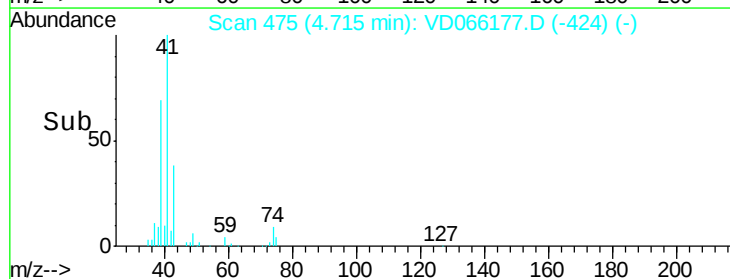
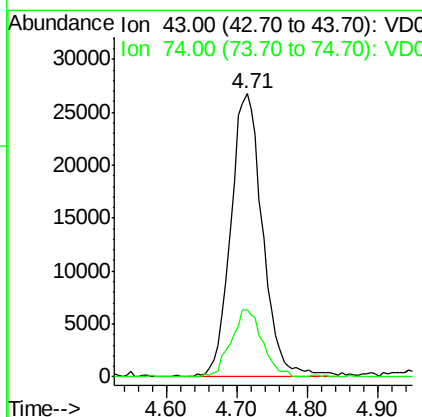
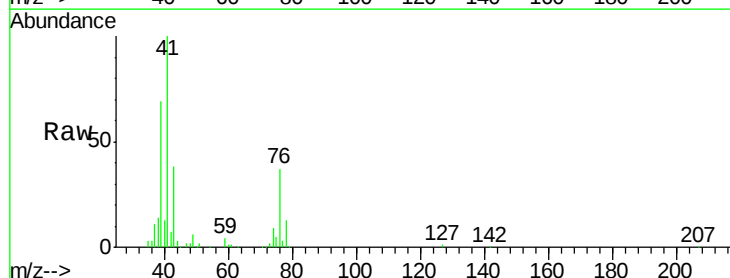
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

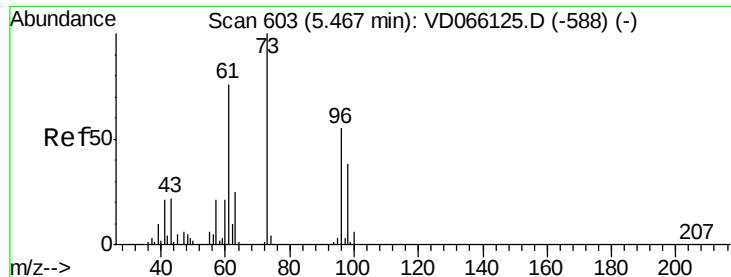
Tot Ion: 76 Resp: 422815
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3



#18
Methyl Acetate
Concen: 61.669 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion: 43 Resp: 84164
Ion Ratio Lower Upper
43 100
74 23.2 21.2 31.8

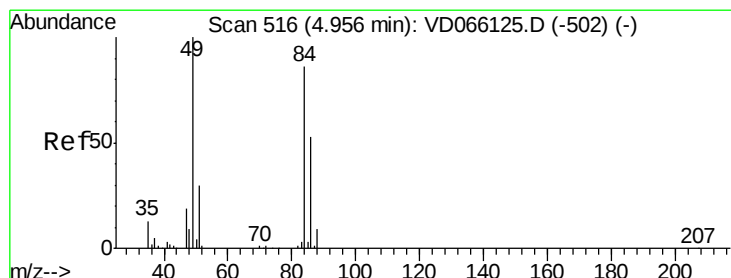
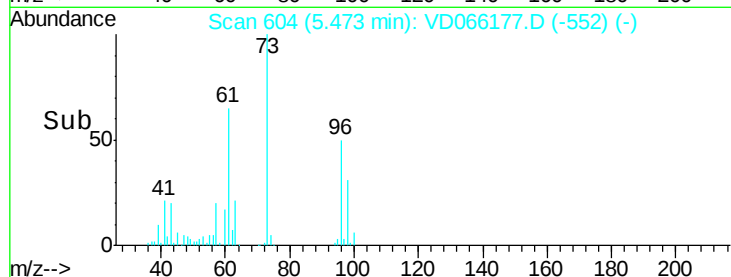
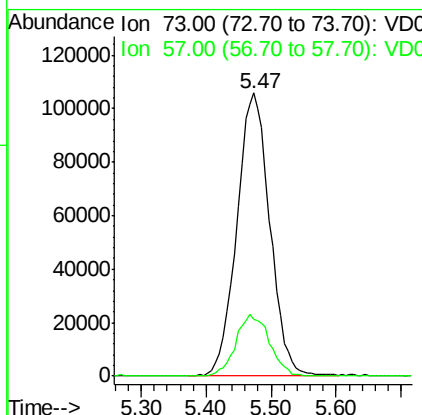
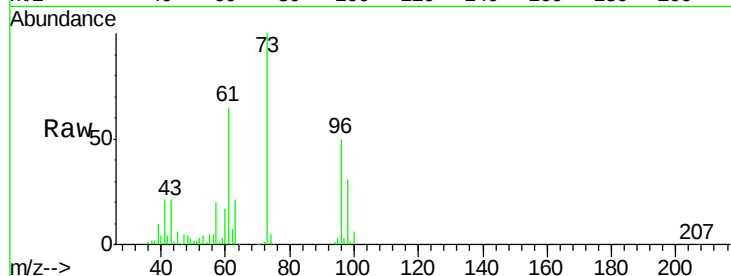




#19
Methvl tert-butvl Ether
Concen: 57.632 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

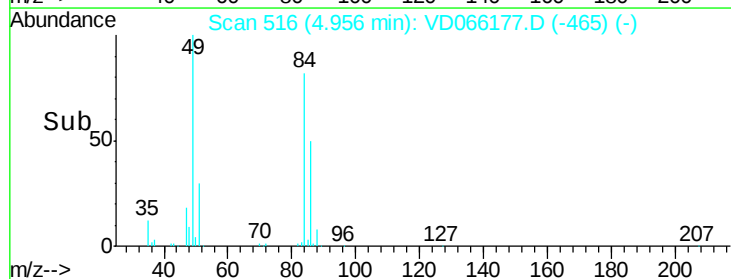
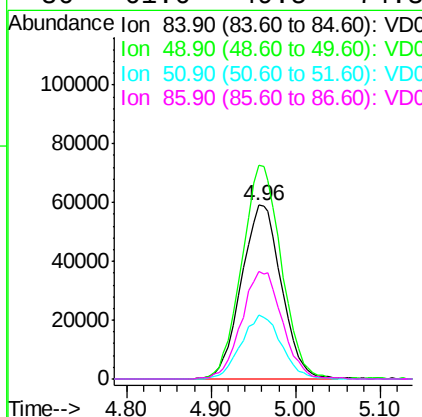
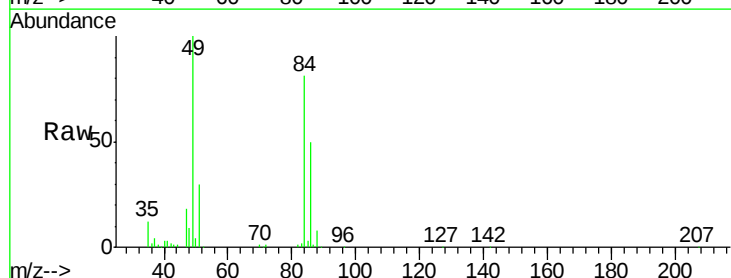
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

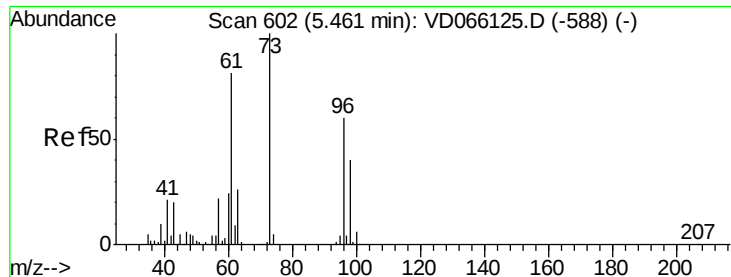
Tot Ion: 73 Resp: 371323
Ion Ratio Lower Upper
73 100
57 20.1 17.1 25.7



#20
Methylene Chloride
Concen: 64.555 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion: 84 Resp: 195009
Ion Ratio Lower Upper
84 100
49 122.9 93.5 140.3
51 37.1 28.2 42.4
86 61.6 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 51.620 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

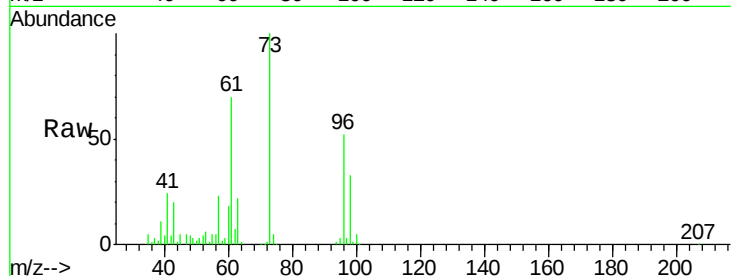
Tot Ion: 96 Resp: 166691

Ion Ratio Lower Upper

96 100

61 134.3 106.9 160.3

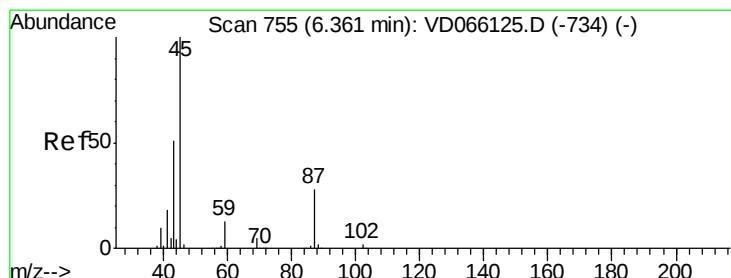
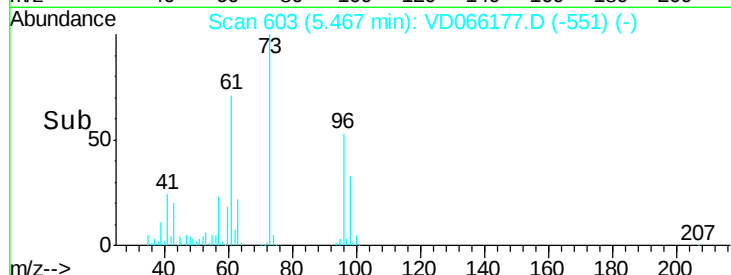
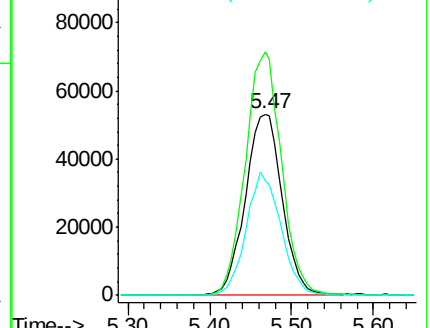
98 63.1 53.4 80.0



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: 59.770 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Tgt Ion: 45 Resp: 503348

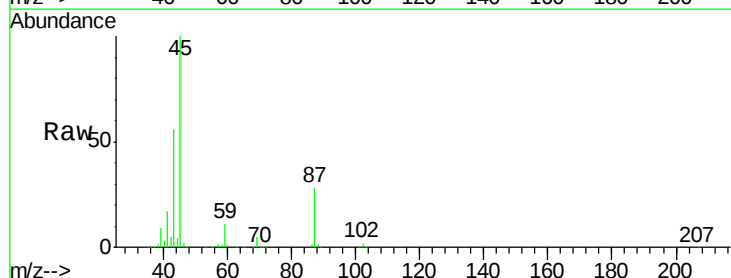
Ion Ratio Lower Upper

45 100

43 55.5 41.2 61.8

87 28.3 22.8 34.2

59 11.4 10.2 15.2

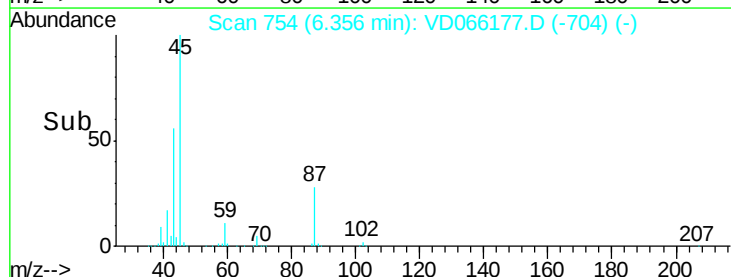
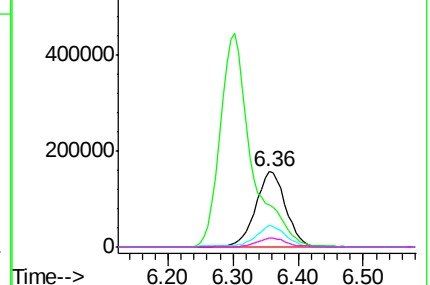


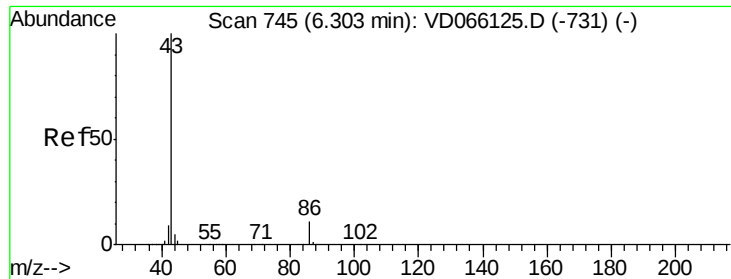
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 301.322 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

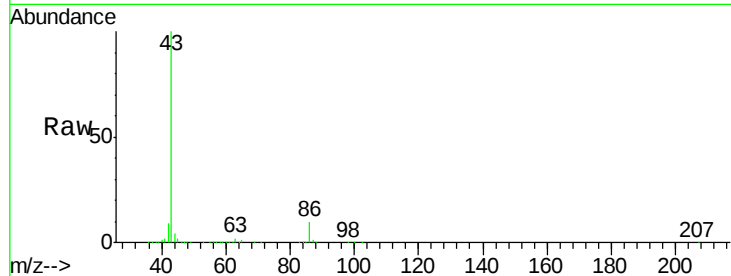
VSTDCCC050EC

Tot Ion: 43 Resp: 1486610

Ion Ratio Lower Upper

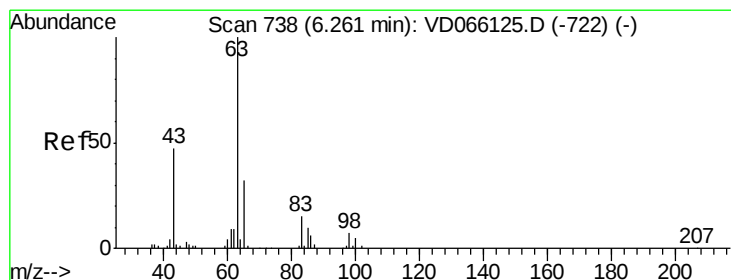
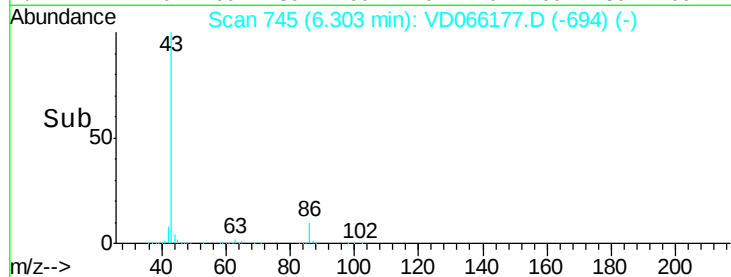
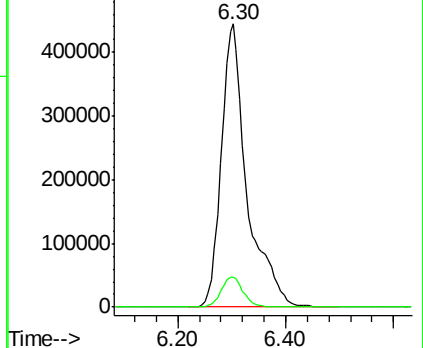
43 100

86 10.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 56.180 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

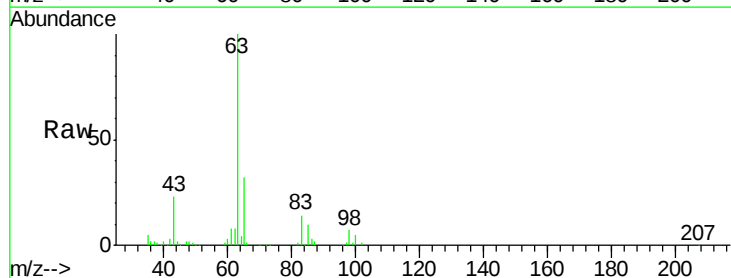
Tgt Ion: 63 Resp: 292797

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

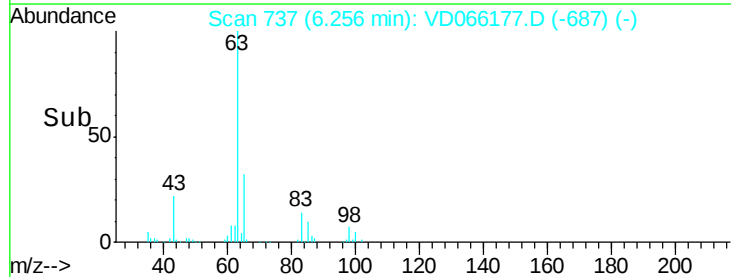
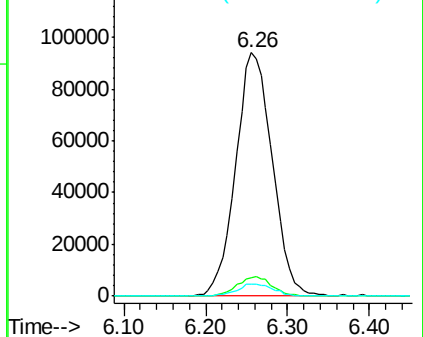
100 5.0 2.4 7.2

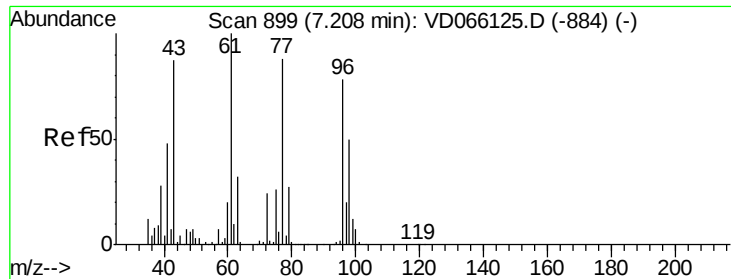


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 281.608 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

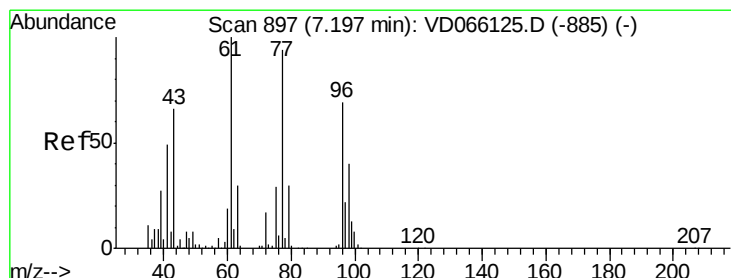
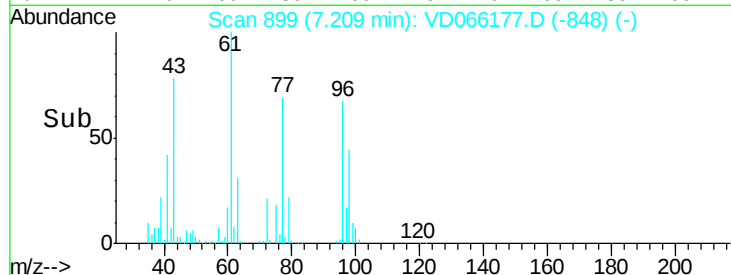
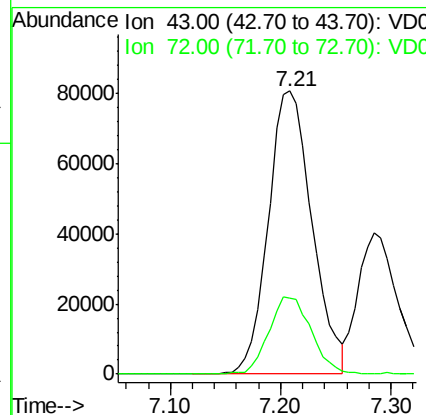
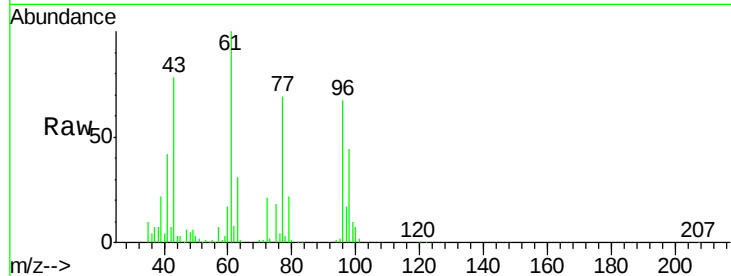
VSTDCCC050EC

Tot Ion: 43 Resp: 222549

Ion Ratio Lower Upper

43 100

72 27.0 22.2 33.2



#26

2,2-Dichloropropane

Concen: 45.667 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066177.D

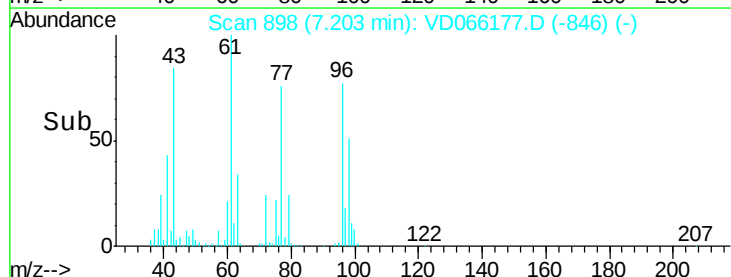
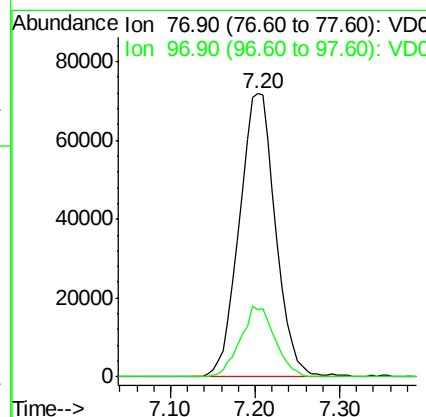
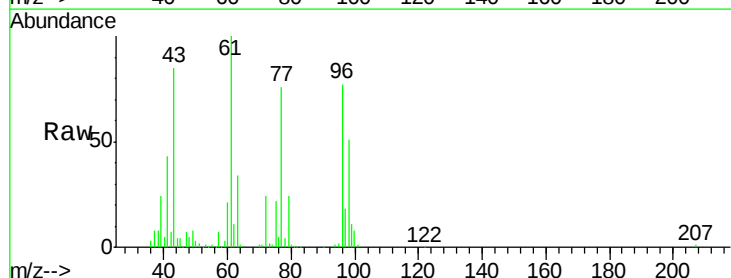
Acq: 10 Aug 2020 21:35

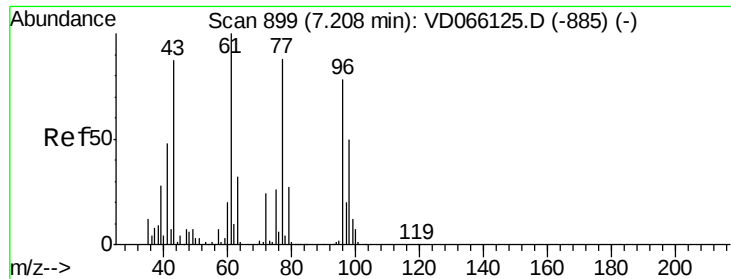
Tgt Ion: 77 Resp: 213314

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.3



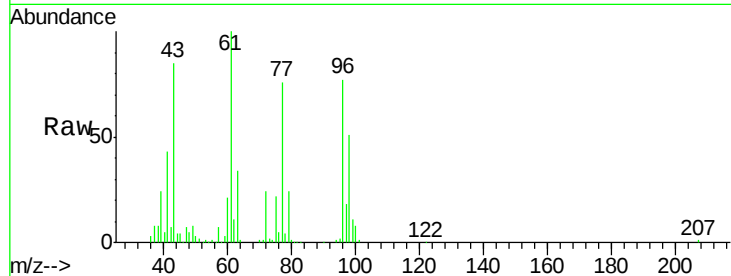


#27

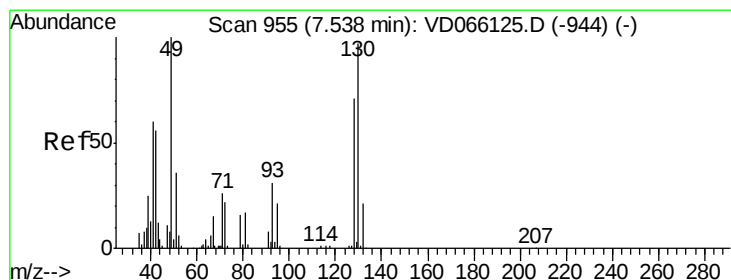
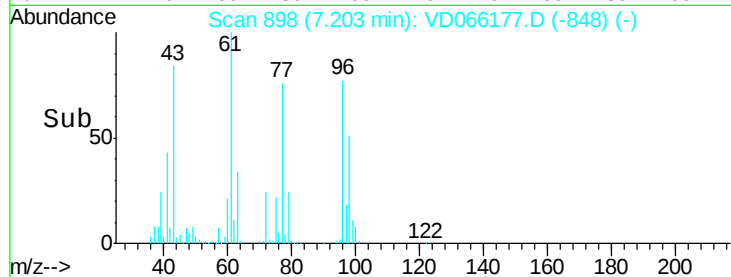
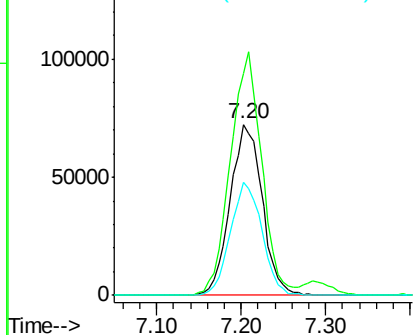
cis-1,2-Dichloroethene
 Concen: 56.181 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	281.6
98	65.0	0.0	130.8



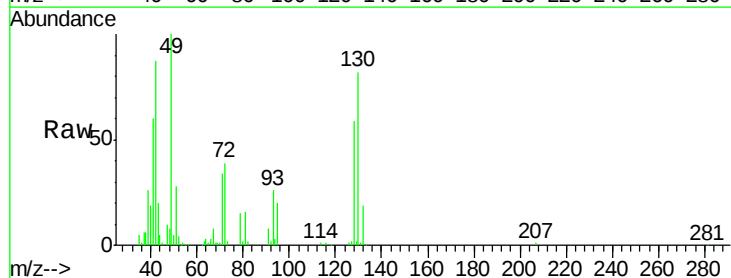
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



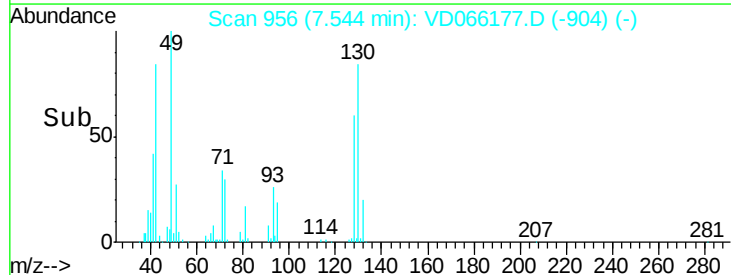
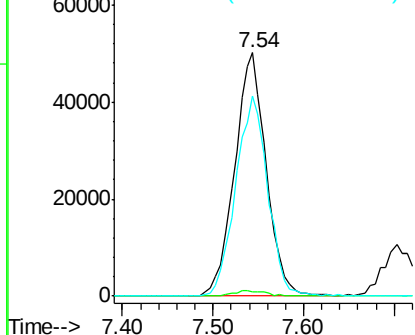
#28

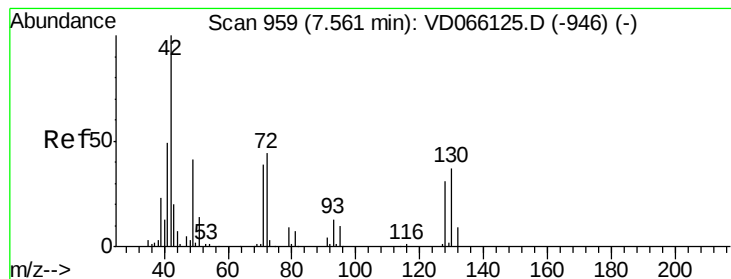
Bromochloromethane
 Concen: 65.966 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	6.0
130	83.7	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: 307.186 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

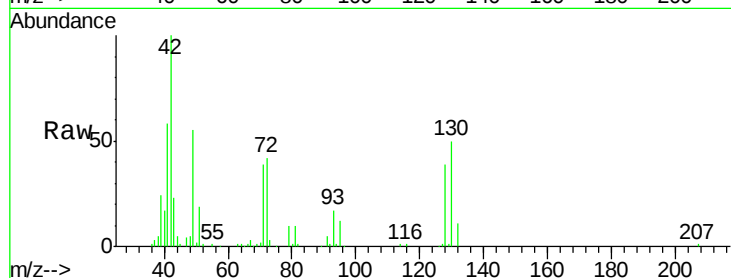
Tot Ion: 42 Resp: 150407

Ion Ratio Lower Upper

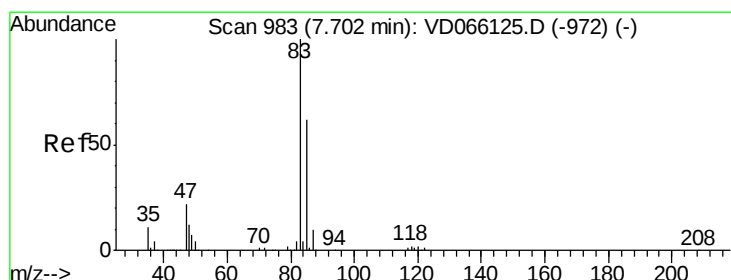
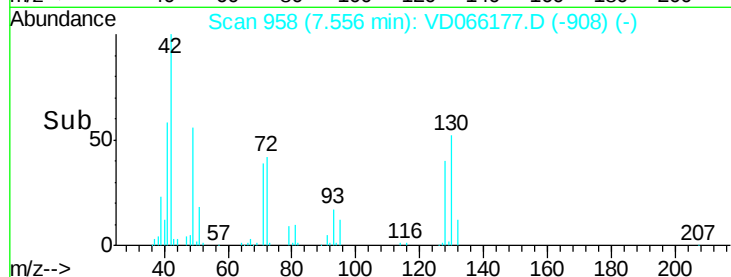
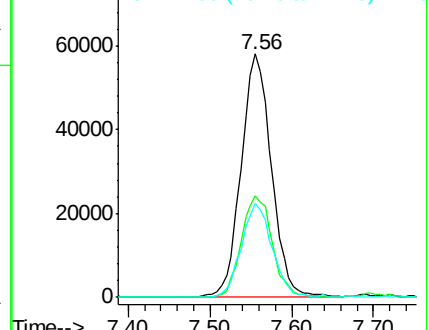
42 100

72 42.5 34.8 52.2

71 38.6 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: 55.039 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.01 min

Lab File: VD066177.D

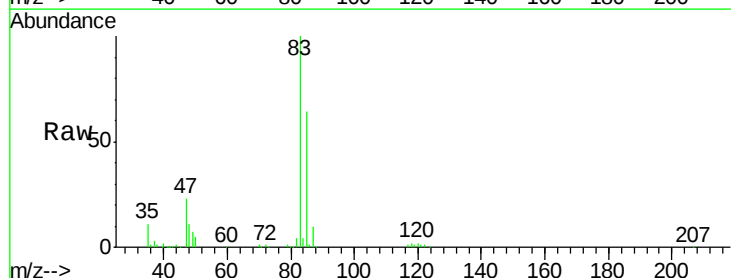
Acq: 10 Aug 2020 21:35

Tgt Ion: 83 Resp: 301203

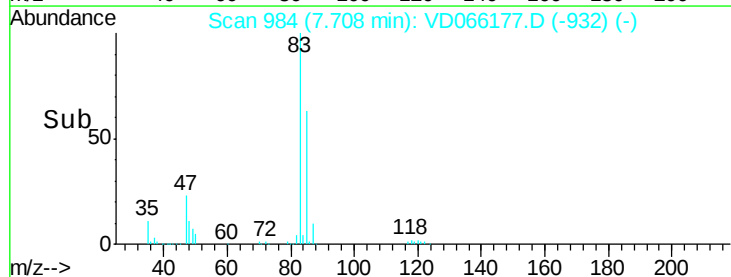
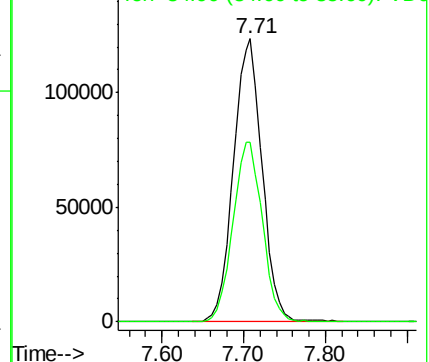
Ion Ratio Lower Upper

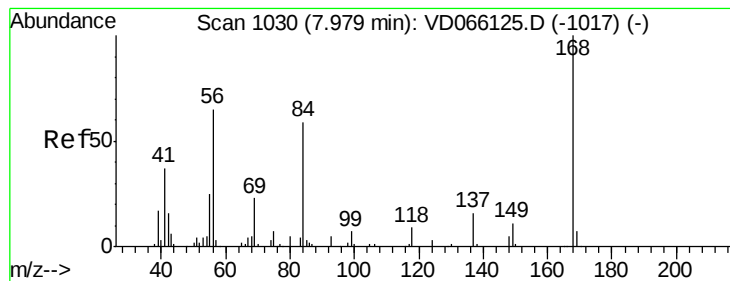
83 100

85 63.5 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: 48.132 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

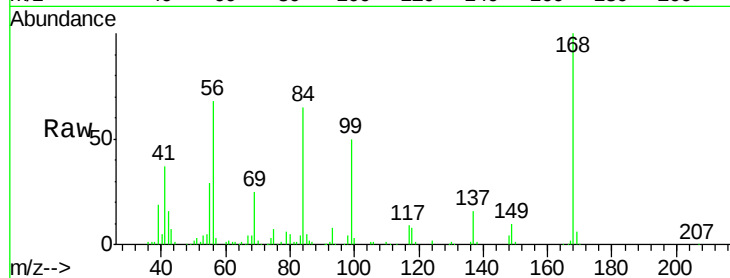
Tot Ion: 56 Resp: 238788

Ion Ratio Lower Upper

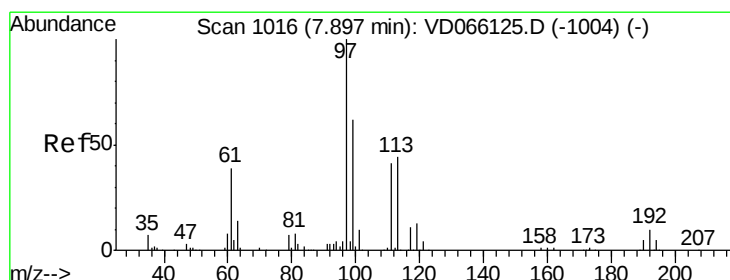
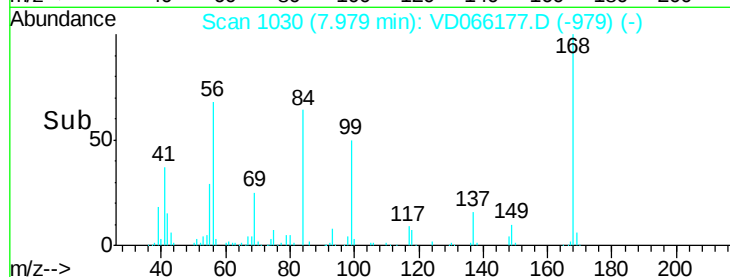
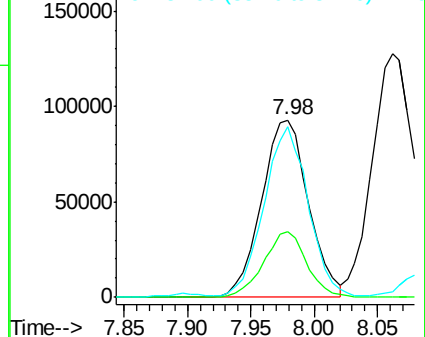
56 100

69 36.5 28.8 43.2

84 94.6 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: 49.987 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

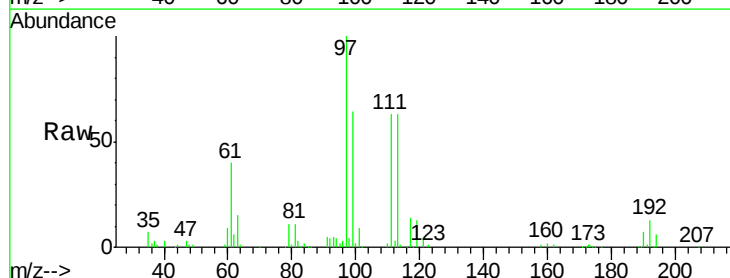
Tgt Ion: 97 Resp: 256486

Ion Ratio Lower Upper

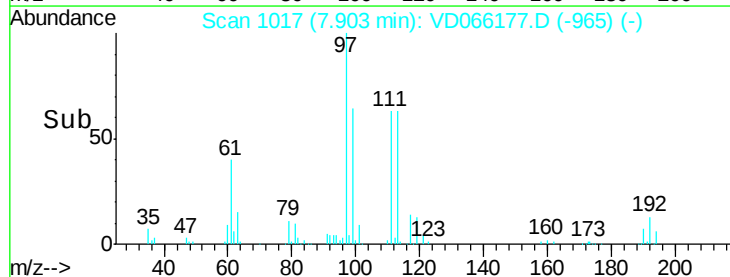
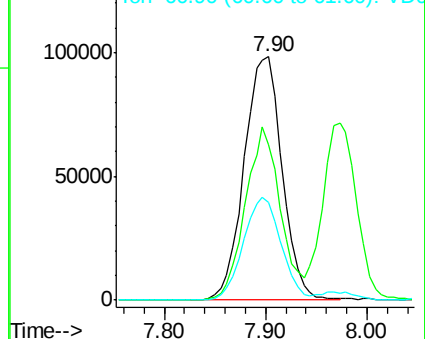
97 100

99 65.9 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: 56.337 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

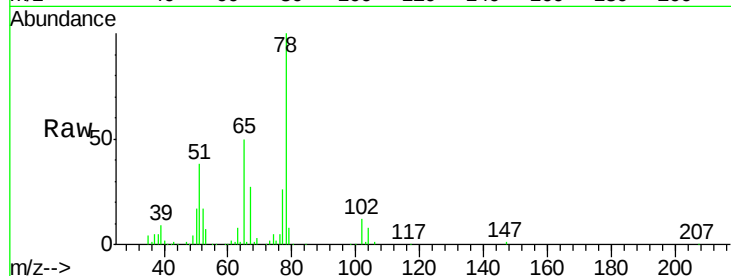
VSTDCCC050EC

Tot Ion: 65 Resp: 159533

Ion Ratio Lower Upper

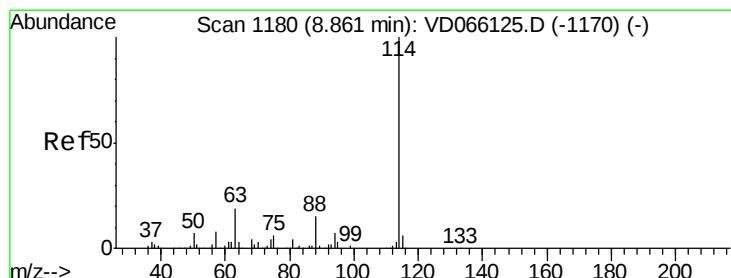
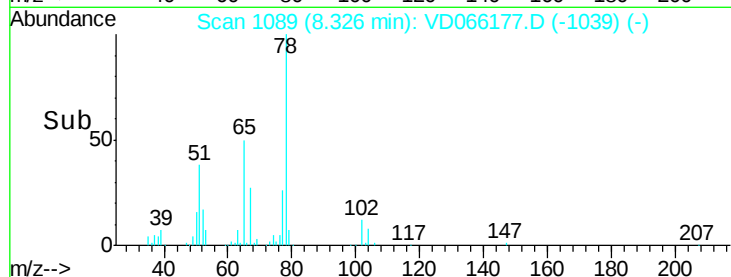
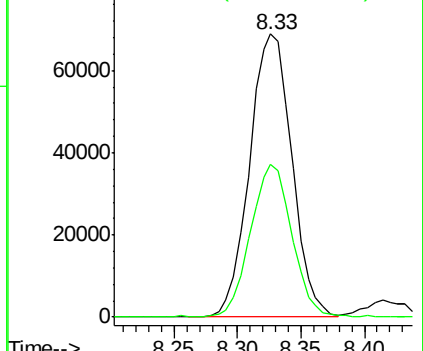
65 100

67 52.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

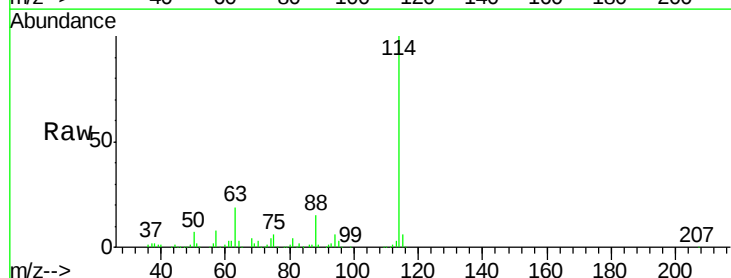
Tgt Ion: 114 Resp: 497574

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.6

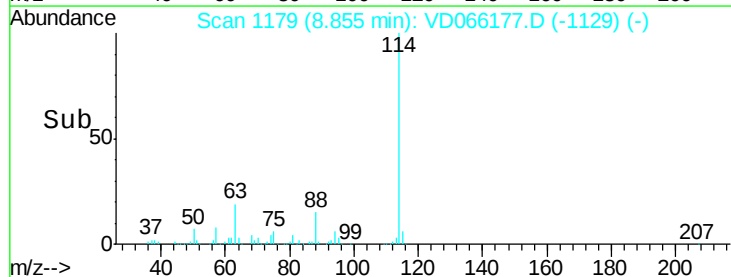
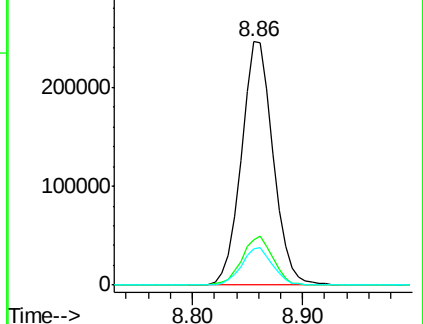
88 15.1 0.0 30.0

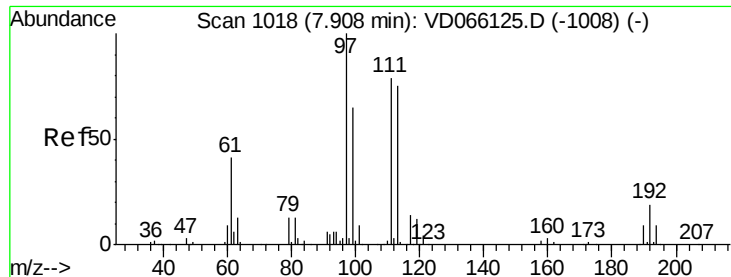


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

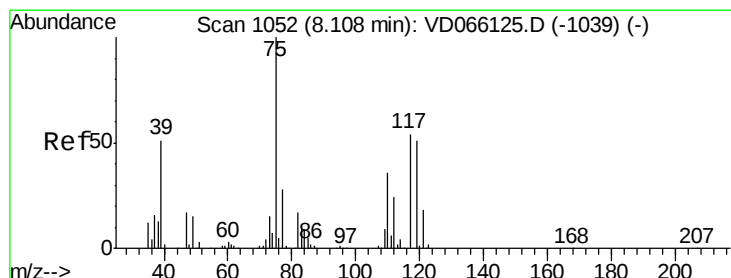
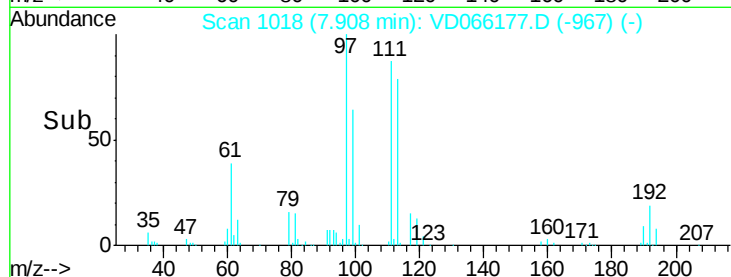
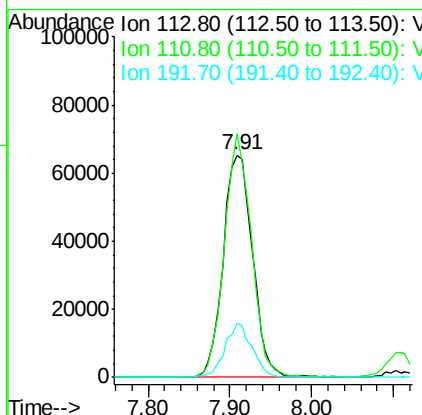
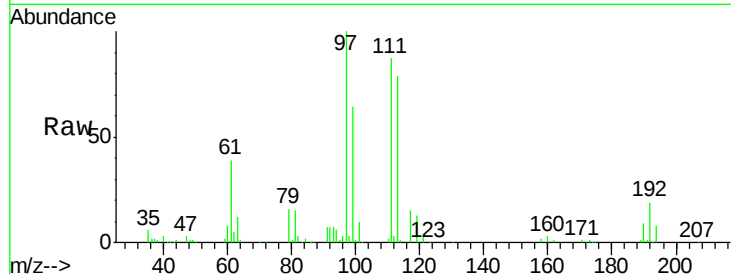




#35
 Dibromofluoromethane
 Concen: 51.849 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

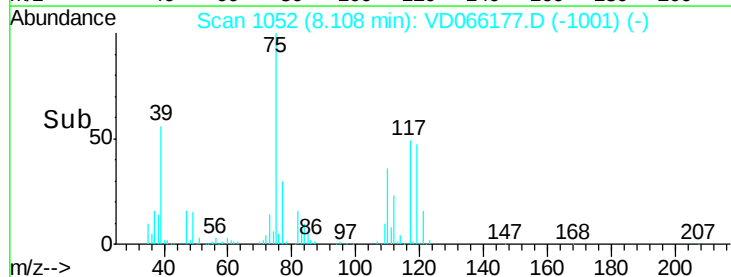
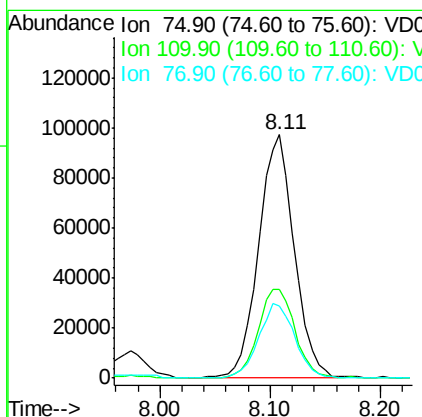
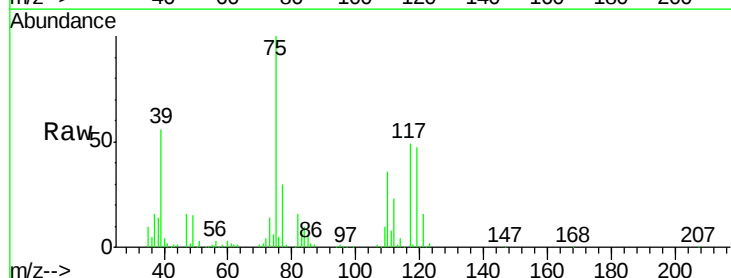
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 163433
 Ion Ratio Lower Upper
 113 100
 111 100.9 80.7 121.1
 192 22.3 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 47.032 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion: 75 Resp: 219908
 Ion Ratio Lower Upper
 75 100
 110 37.7 18.8 56.3
 77 31.0 24.2 36.2

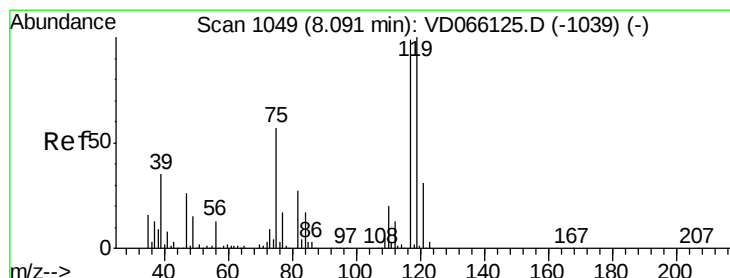
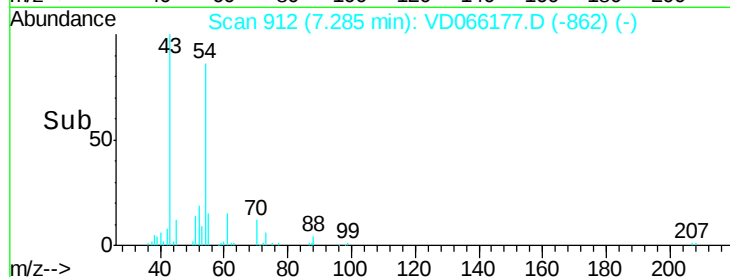
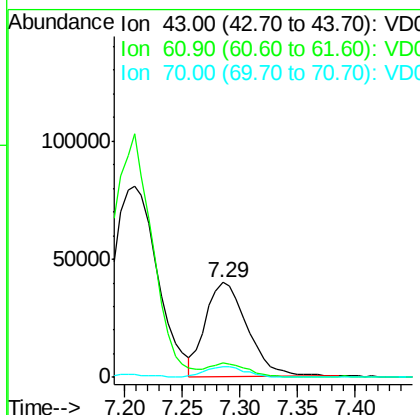
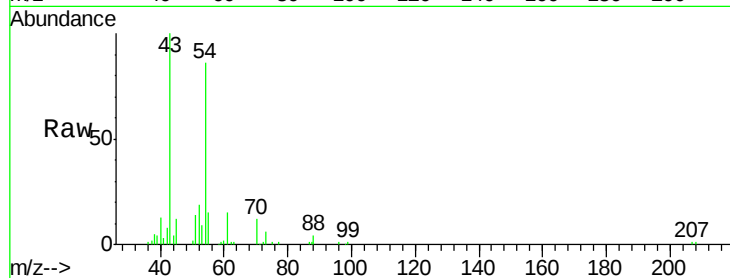




#37
Ethyl Acetate
Concen: 54.185 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

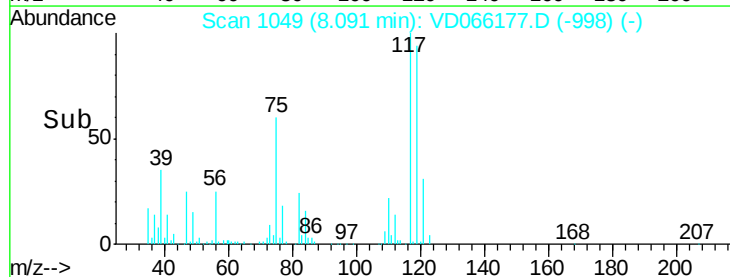
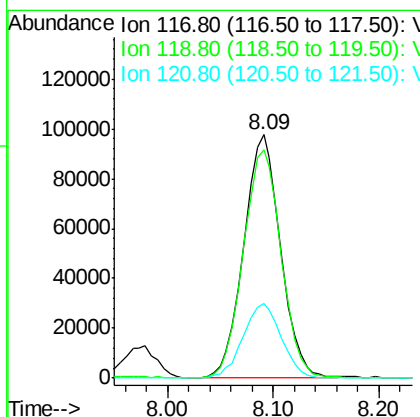
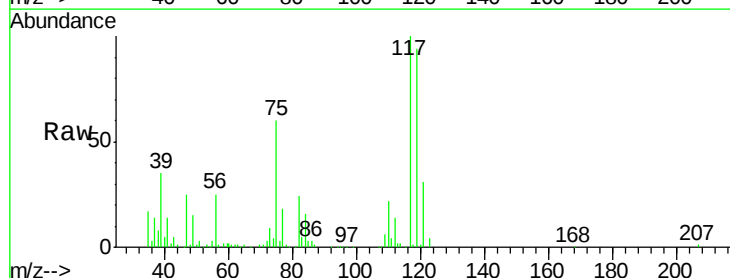
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

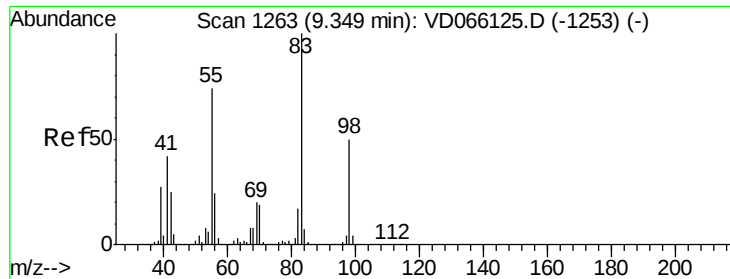
Tot Ion: 43 Resp: 100381
Ion Ratio Lower Upper
43 100
61 14.4 12.0 18.0
70 11.3 9.7 14.5



#38
Carbon Tetrachloride
Concen: 45.395 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion: 117 Resp: 236696
Ion Ratio Lower Upper
117 100
119 93.9 81.0 121.4
121 30.7 24.8 37.2

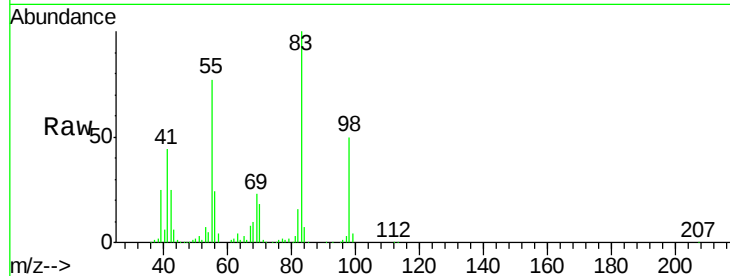




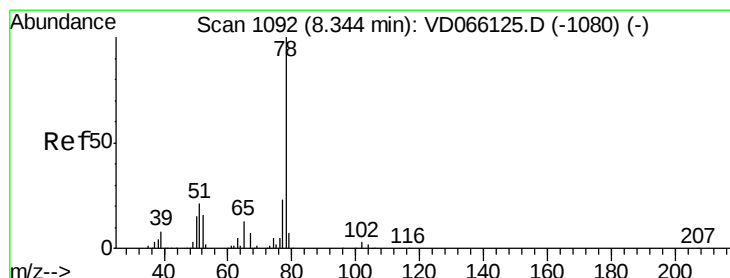
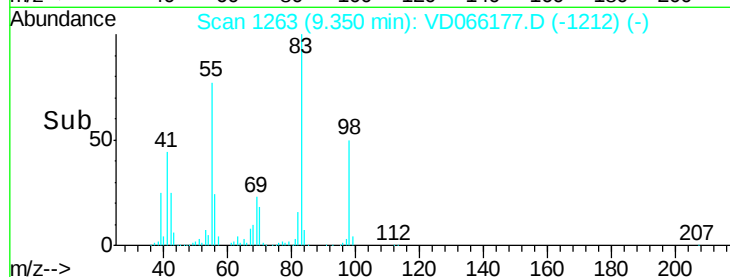
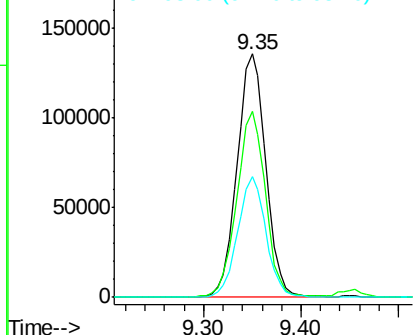
#39
Methvlcvclohexane
Concen: 49.377 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 279086
Ion Ratio Lower Upper
83 100
55 76.6 59.2 88.8
98 49.7 39.8 59.6

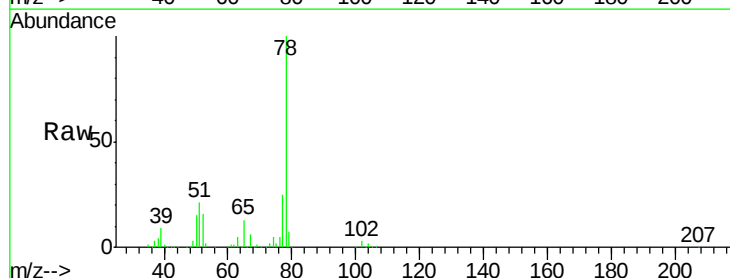


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

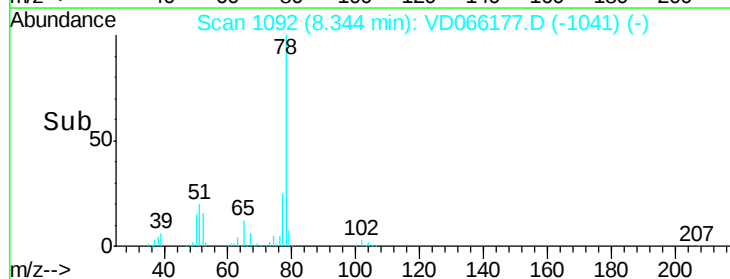
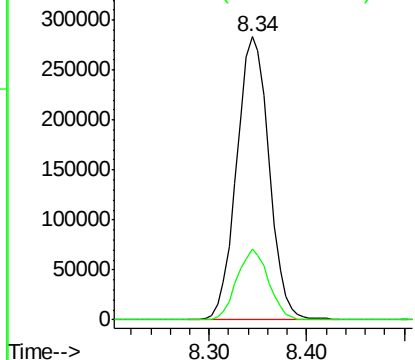


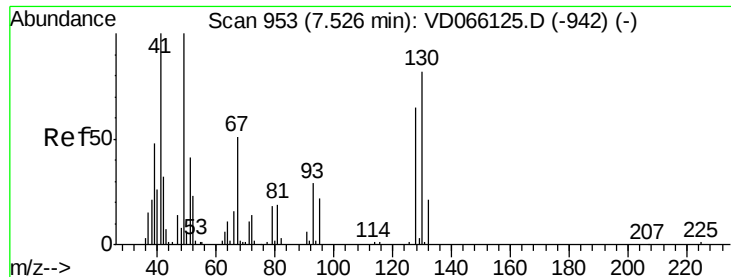
#40
Benzene
Concen: 50.870 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion: 78 Resp: 659825
Ion Ratio Lower Upper
78 100
77 25.0 18.6 27.8



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





#41

Methacrylonitrile

Concen: 134.905 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.03 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 146946

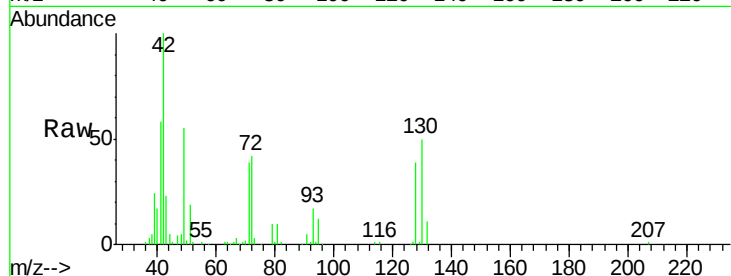
Ion Ratio Lower Upper

41 100

39 0.0 47.5 71.3#

67 0.0 59.1 88.7#

52 0.0 25.4 38.0#



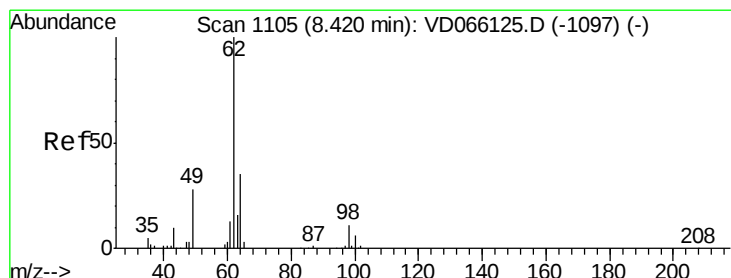
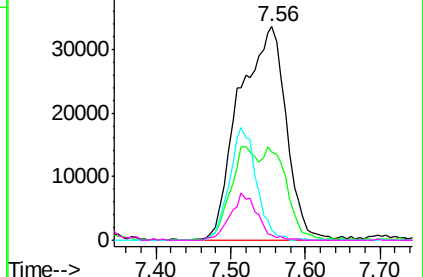
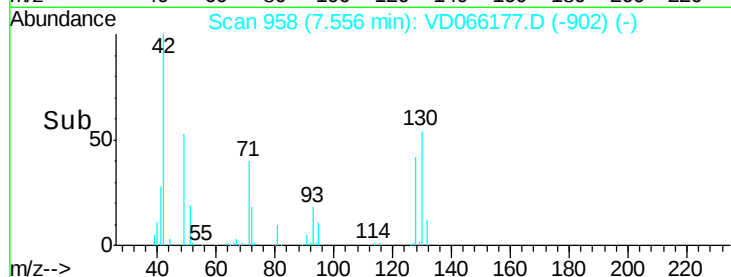
Abundance Ion 41.00 (40.70 to 41.70): VDC

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

Time-->



#42

1,2-Dichloroethane

Concen: 51.675 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066177.D

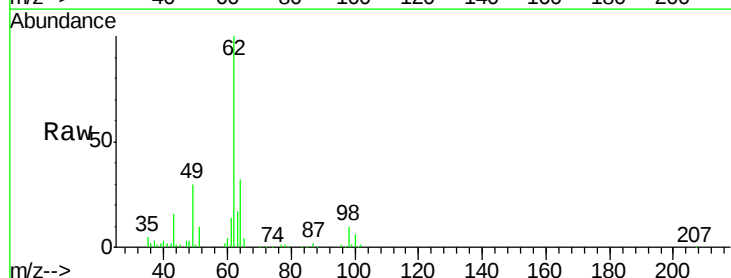
Acq: 10 Aug 2020 21:35

Tgt Ion: 62 Resp: 196904

Ion Ratio Lower Upper

62 100

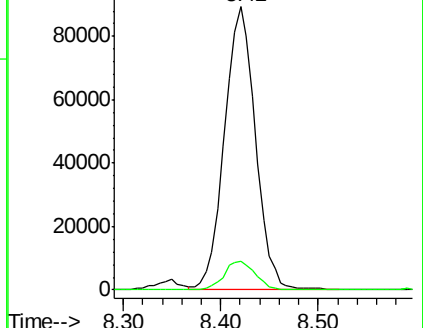
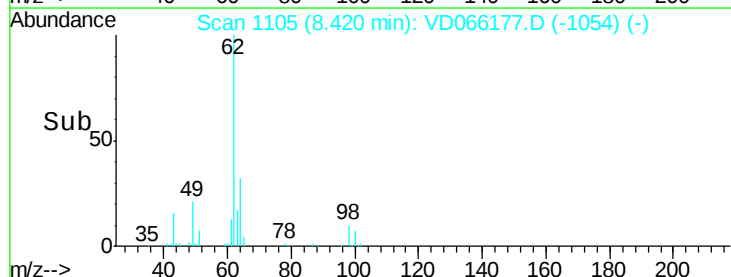
98 10.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Time-->





#43

Isopropyl Acetate

Concen: 55.982 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

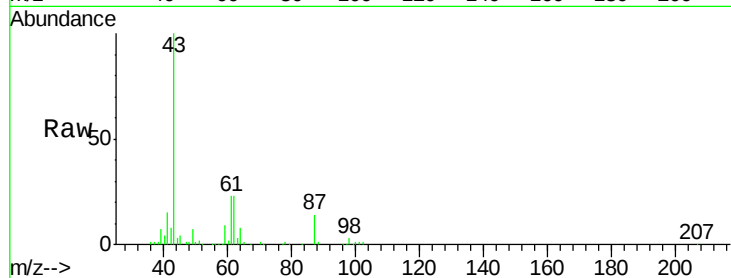
Tot Ion: 43 Resp: 204342

Ion Ratio Lower Upper

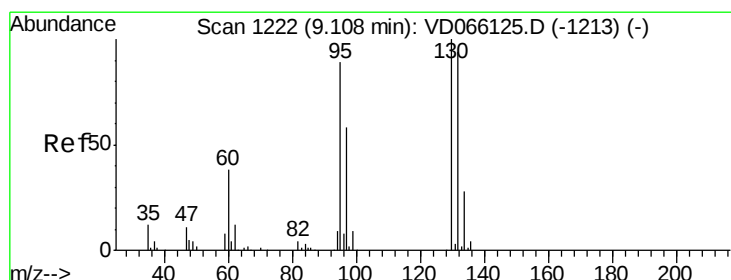
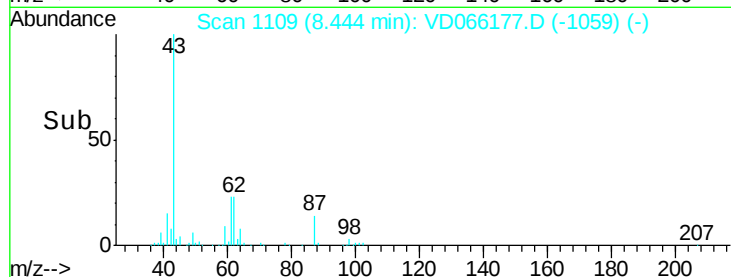
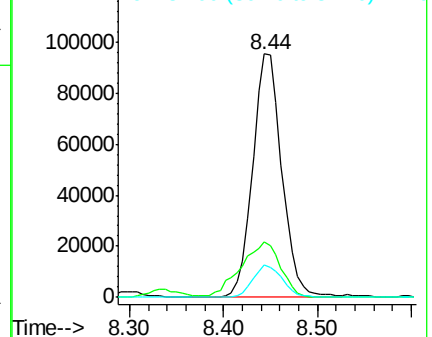
43 100

61 31.1 25.5 38.3

87 13.5 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: 49.056 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066177.D

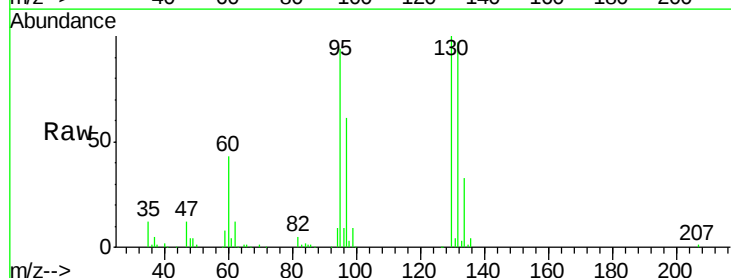
Acq: 10 Aug 2020 21:35

Tgt Ion: 130 Resp: 191736

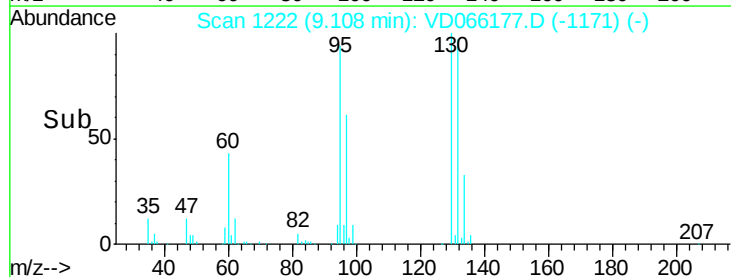
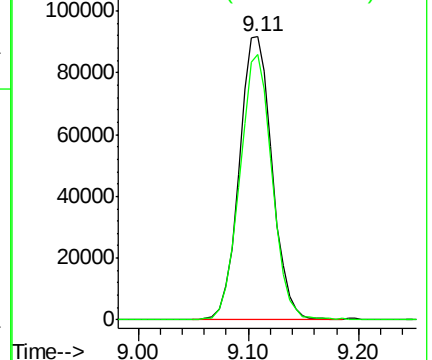
Ion Ratio Lower Upper

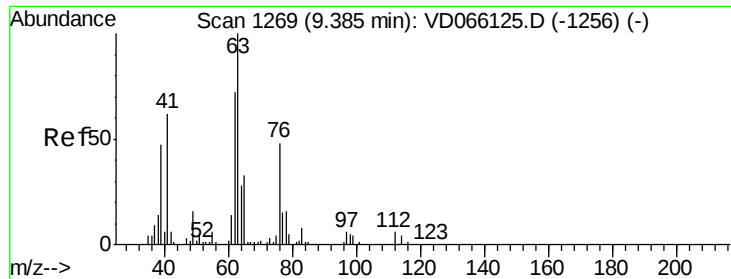
130 100

95 93.7 0.0 178.4



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





#45

1,2-Dichloropropane

Concen: 53.894 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

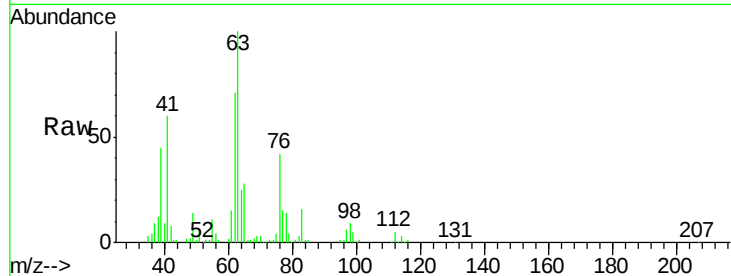
VSTDCCC050EC

Tot Ion: 63 Resp: 170967

Ion Ratio Lower Upper

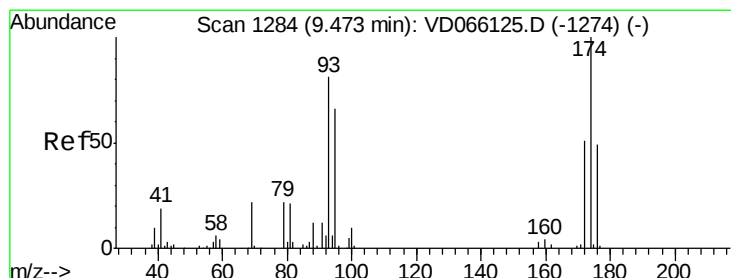
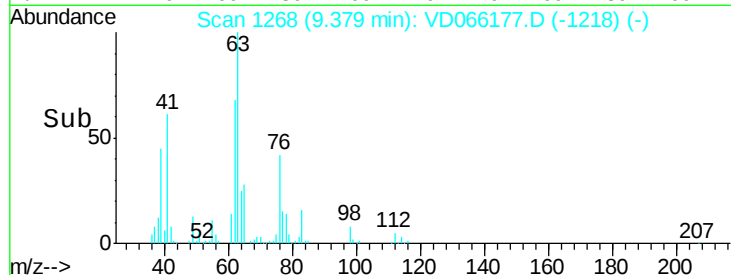
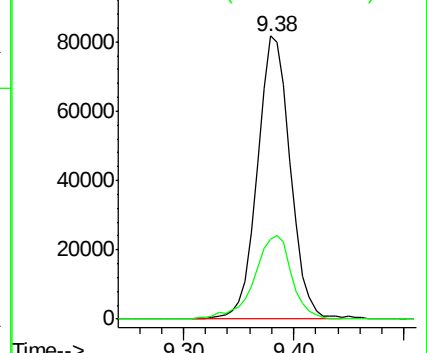
63 100

65 28.3 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 53.604 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

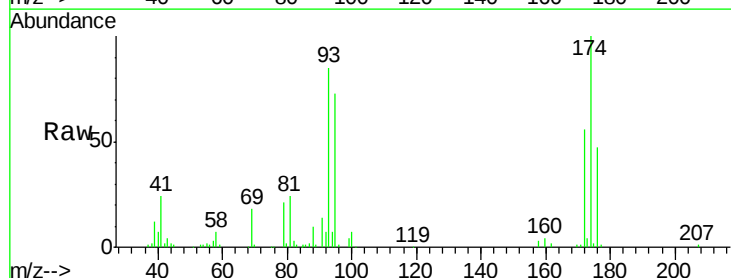
Tgt Ion: 93 Resp: 93667

Ion Ratio Lower Upper

93 100

95 84.0 65.8 98.6

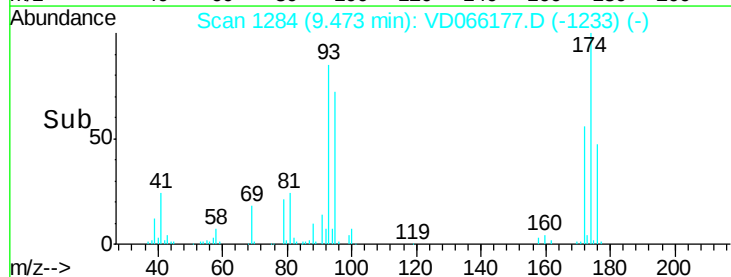
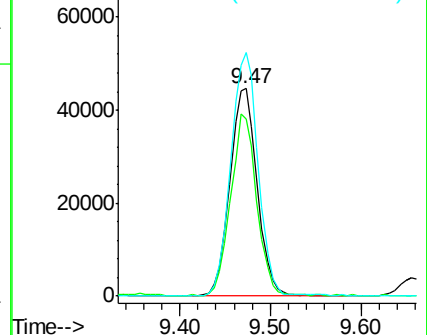
174 116.0 92.8 139.2

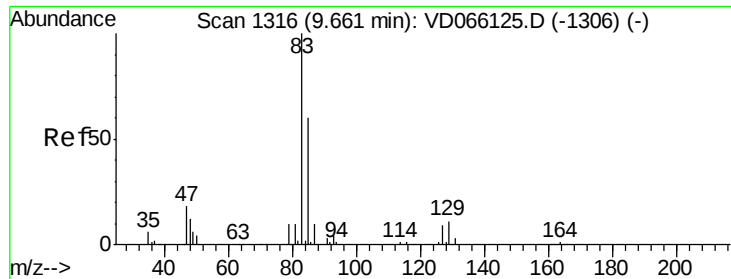


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.406 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

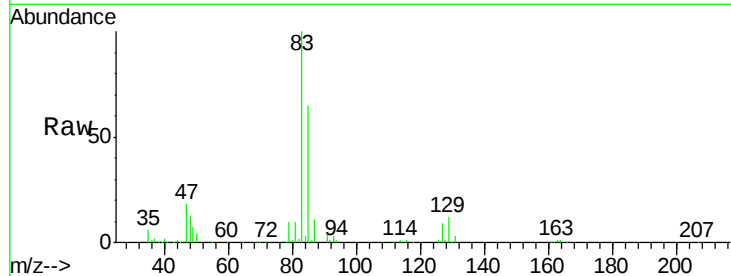
Tot Ion: 83 Resp: 242025

Ion Ratio Lower Upper

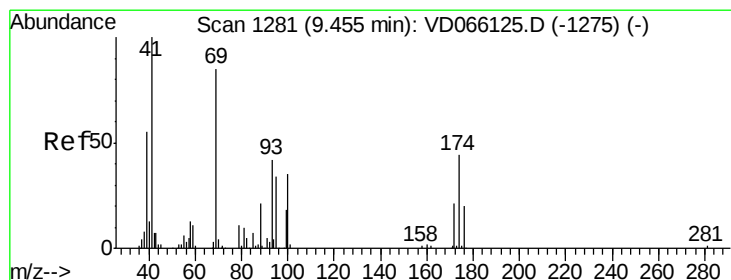
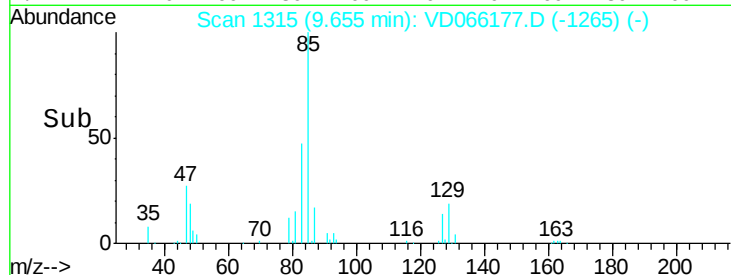
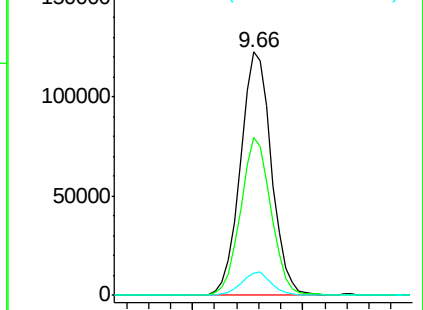
83 100

85 65.0 48.2 72.4

127 9.1 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): V



#48

Methyl methacrylate

Concen: 57.499 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

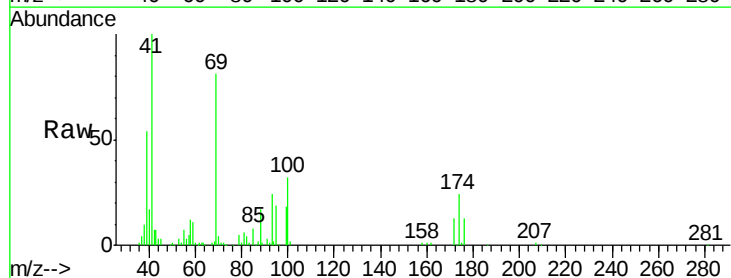
Tgt Ion: 41 Resp: 107167

Ion Ratio Lower Upper

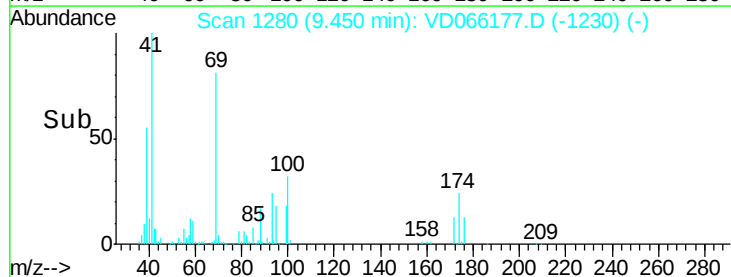
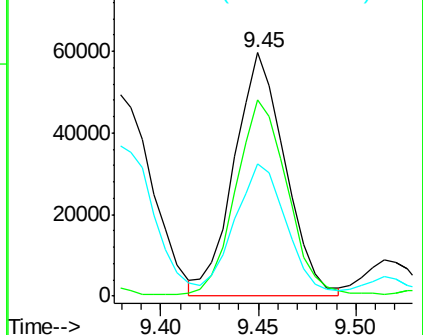
41 100

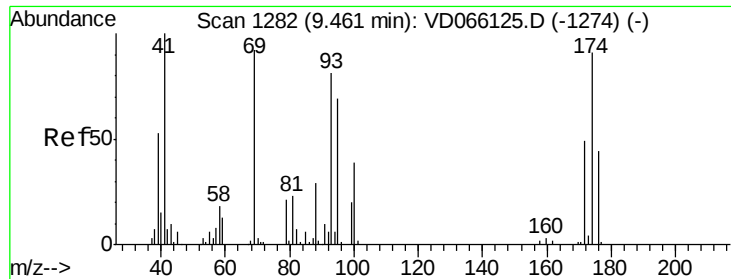
69 82.8 63.9 95.9

39 50.5 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

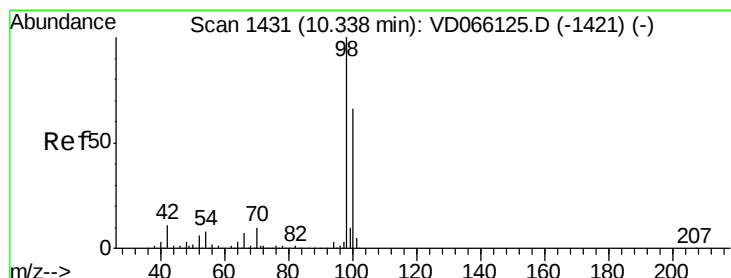
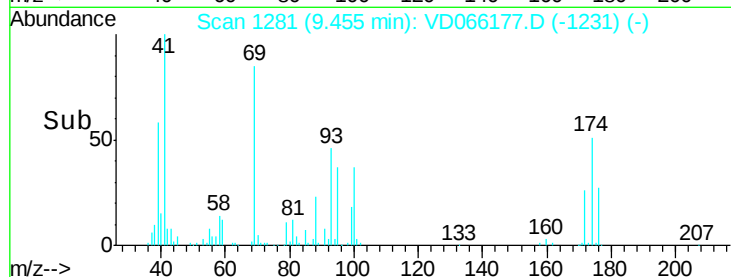
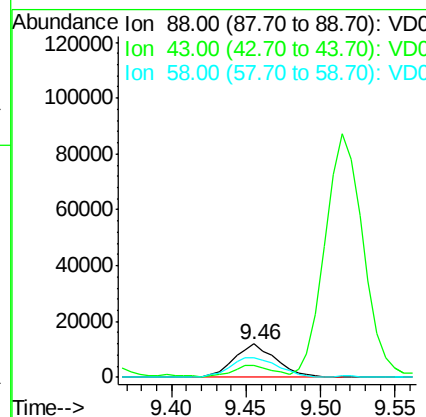
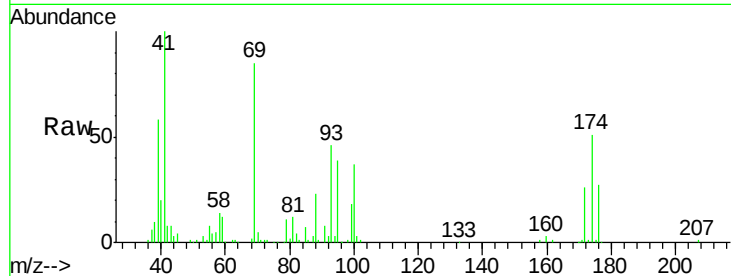




#49
1,4-Dioxane
Concen: 1044.301 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

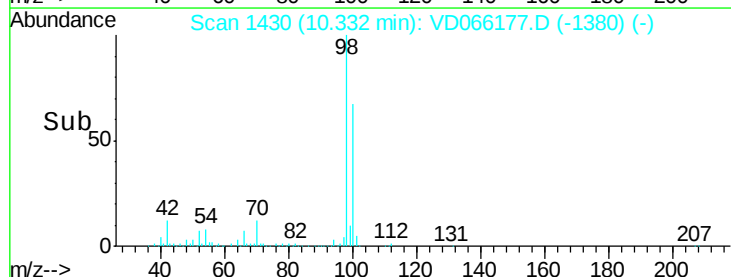
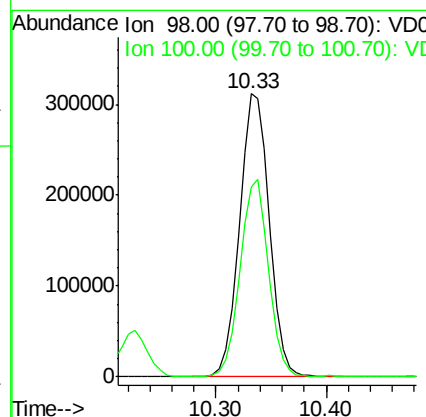
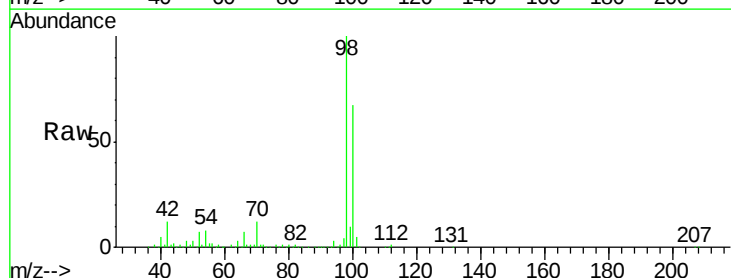
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

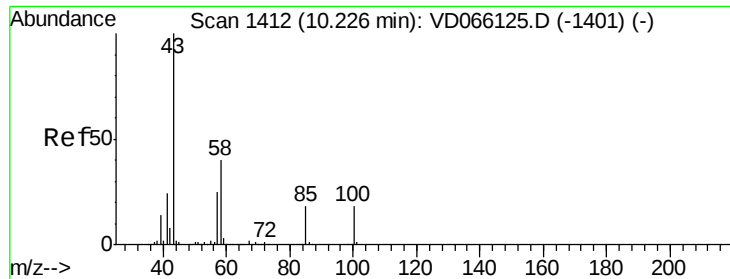
Tot Ion: 88 Resp: 23444
Ion Ratio Lower Upper
88 100
43 31.3 27.5 41.3
58 67.9 50.2 75.4



#50
Toluene-d8
Concen: 50.658 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion: 98 Resp: 589246
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8

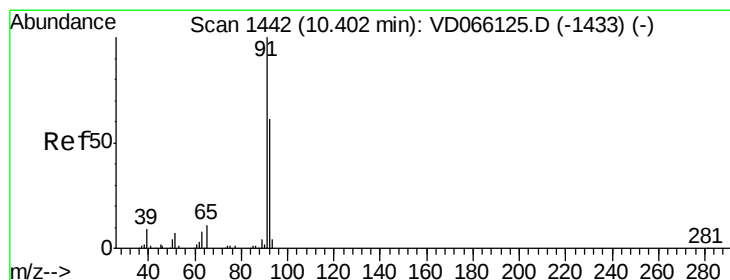
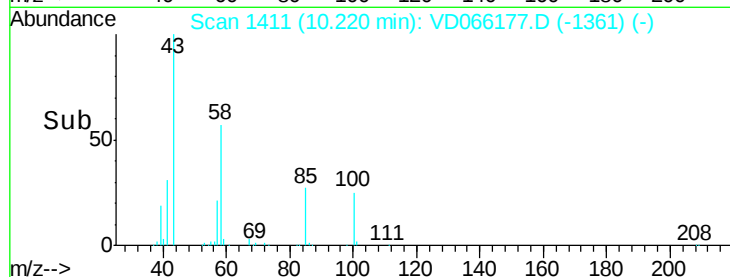
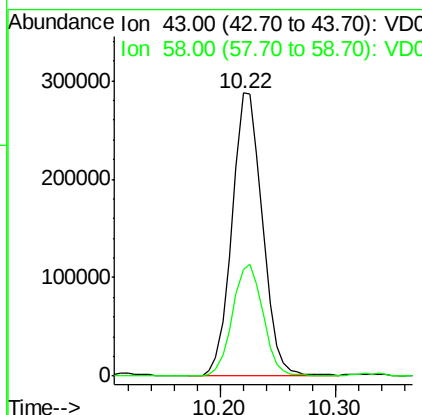
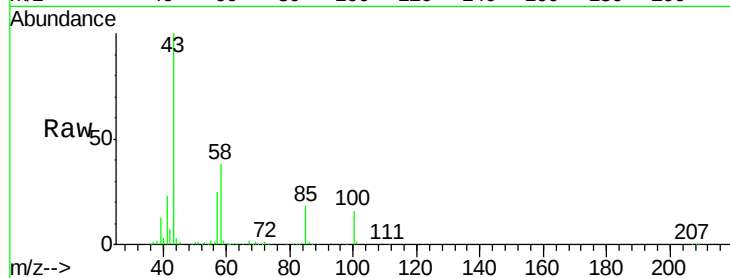




#51
 4-Methyl-2-Pentanone
 Concen: 280.842 ug/l
 RT: 10.22 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

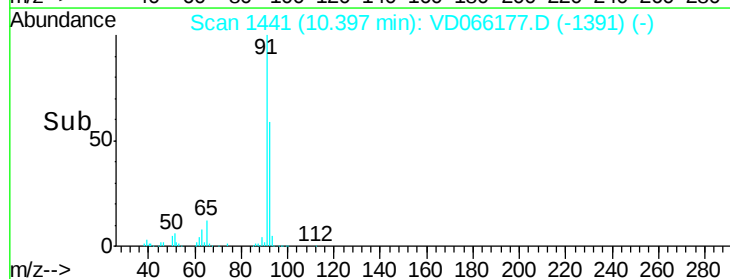
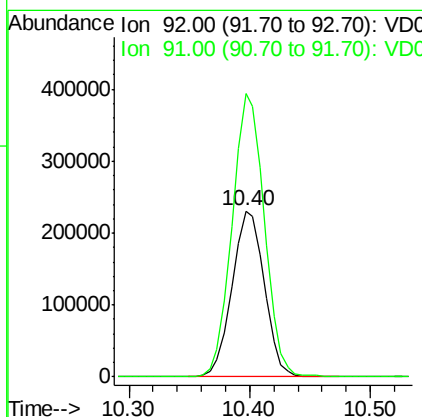
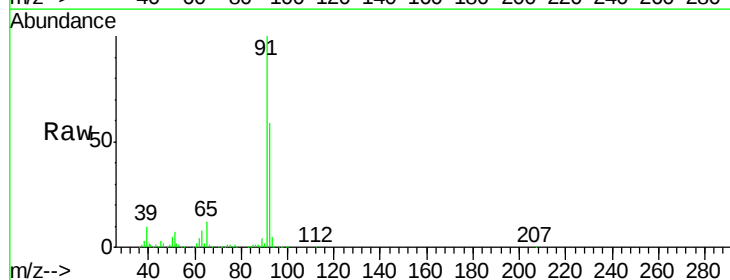
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

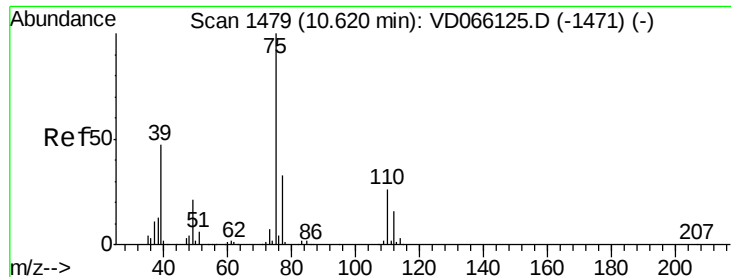
Tot Ion: 43 Resp: 526553
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.1 46.7



#52
 Toluene
 Concen: 50.464 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion: 92 Resp: 430706
 Ion Ratio Lower Upper
 92 100
 91 170.1 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 51.657 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

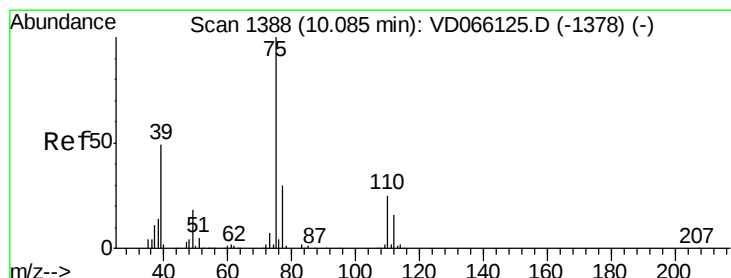
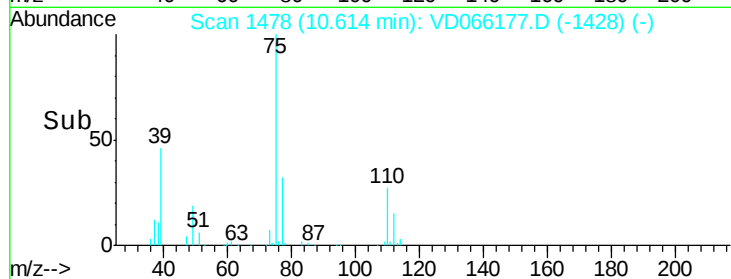
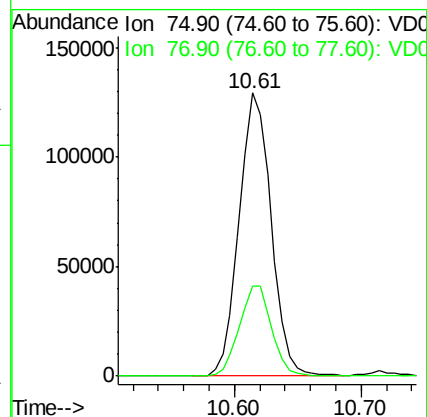
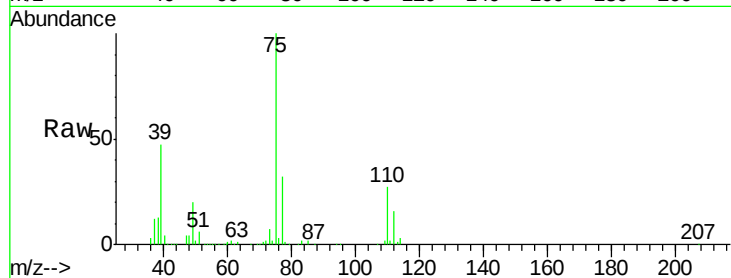
VSTDCCC050EC

Tot Ion: 75 Resp: 226404

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 54.004 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

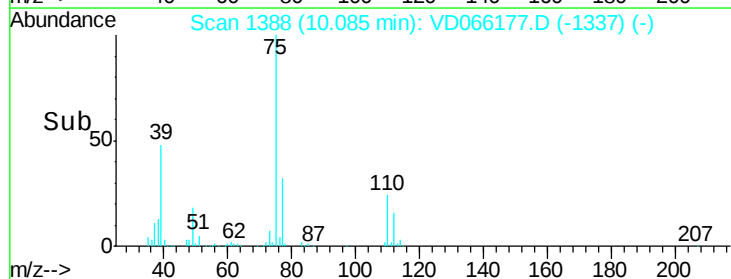
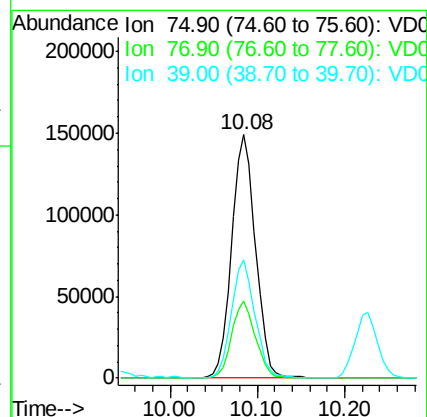
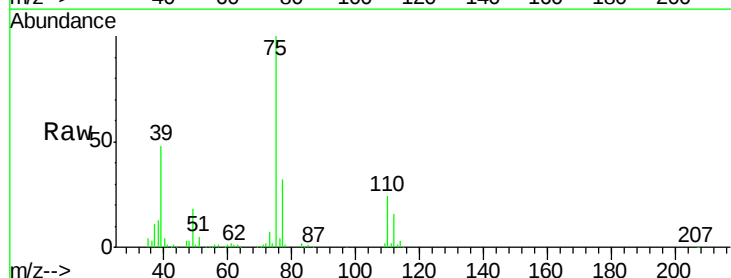
Tgt Ion: 75 Resp: 277315

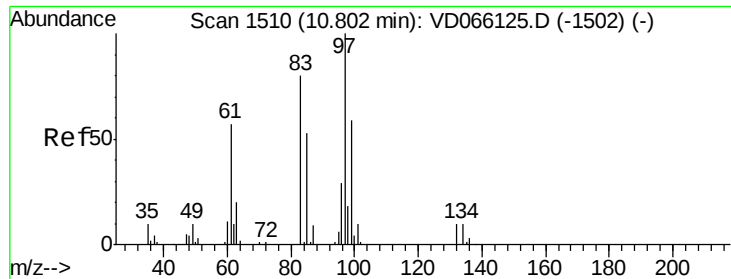
Ion Ratio Lower Upper

75 100

77 31.5 24.3 36.5

39 48.5 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 55.275 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 139081

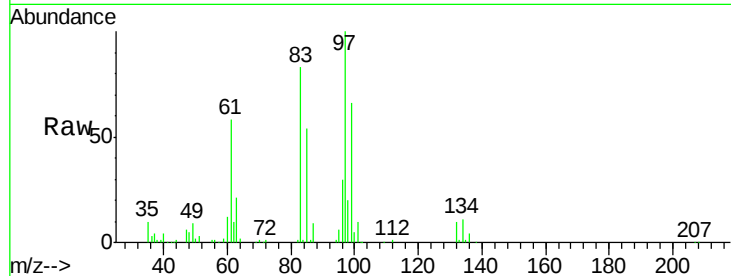
Ion Ratio Lower Upper

97 100

83 82.7 63.9 95.9

85 54.5 42.5 63.7

99 65.7 47.4 71.0

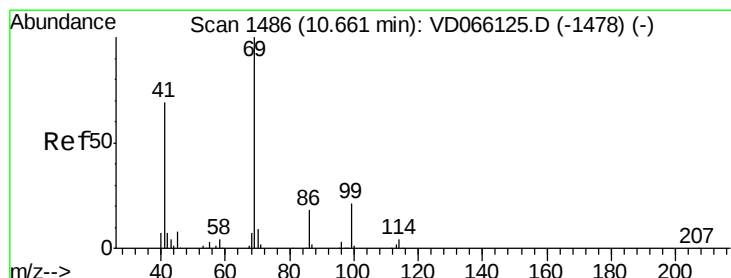
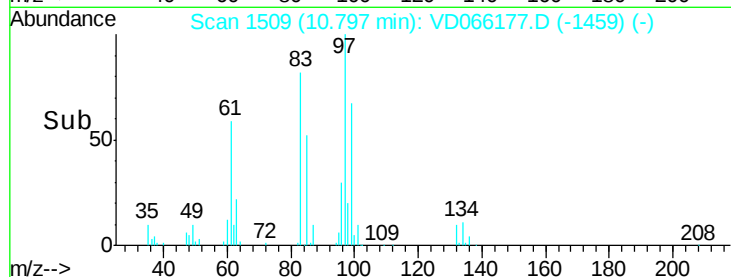
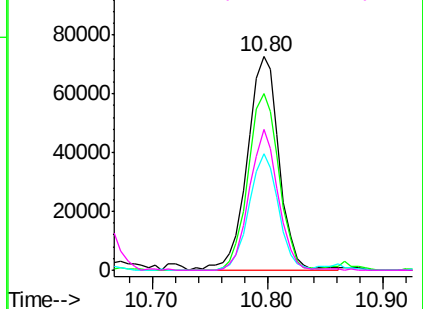


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 56.916 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

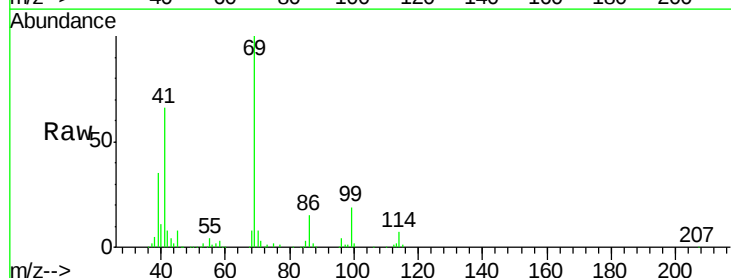
Tgt Ion: 69 Resp: 172036

Ion Ratio Lower Upper

69 100

41 69.0 54.1 81.1

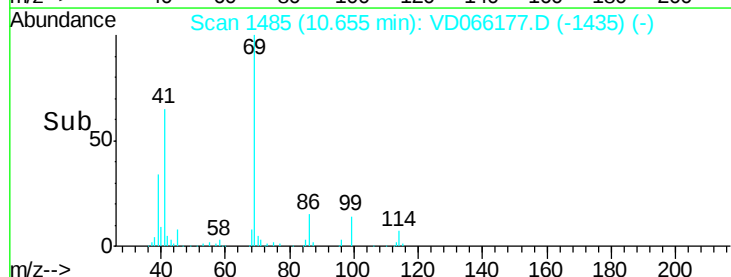
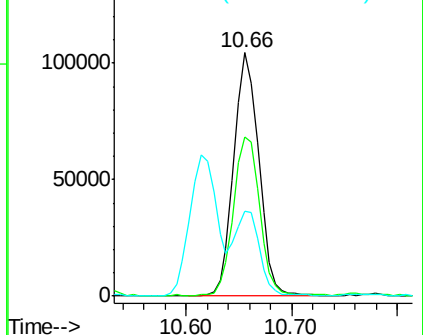
39 34.8 28.6 43.0

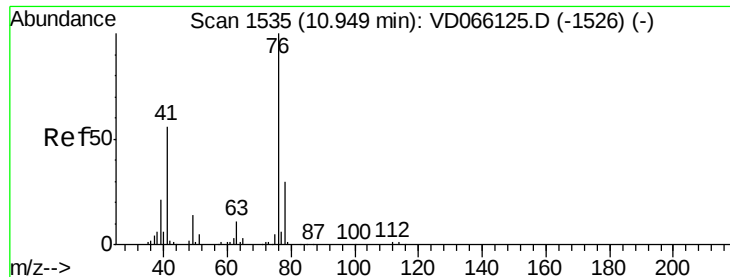


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 52.960 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

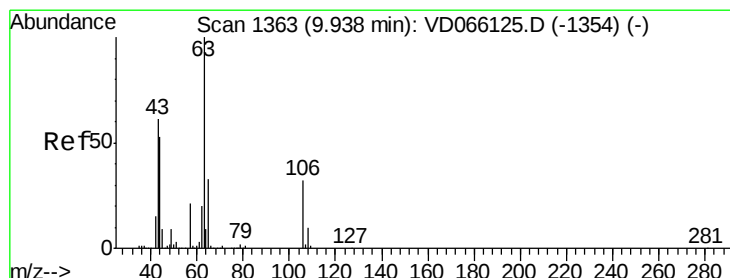
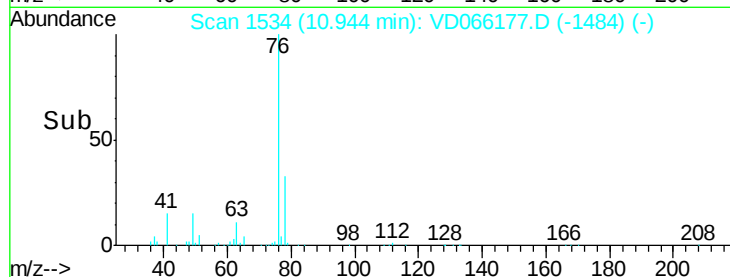
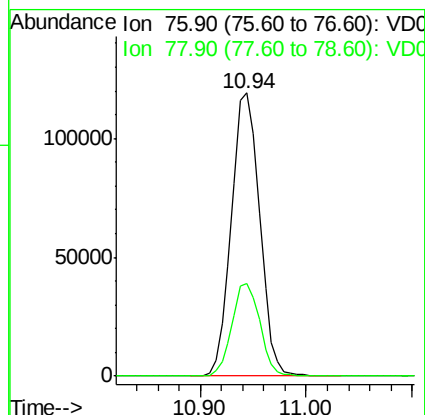
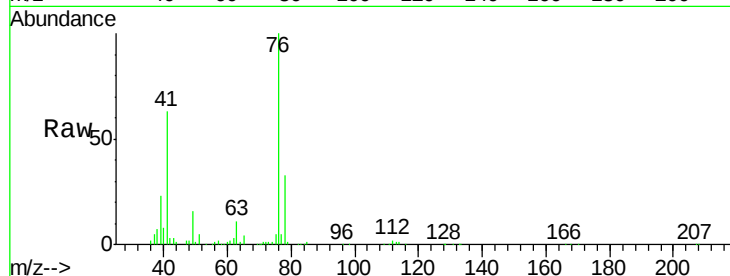
VSTDCCC050EC

Tot Ion: 76 Resp: 221223

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 307.622 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066177.D

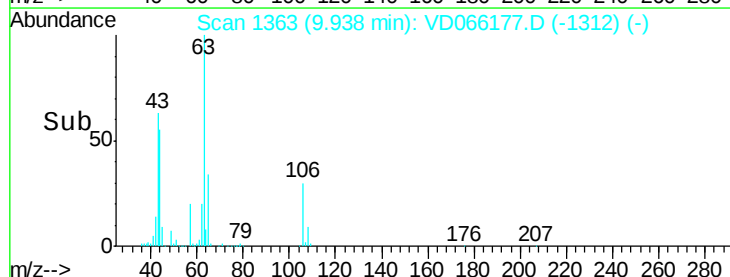
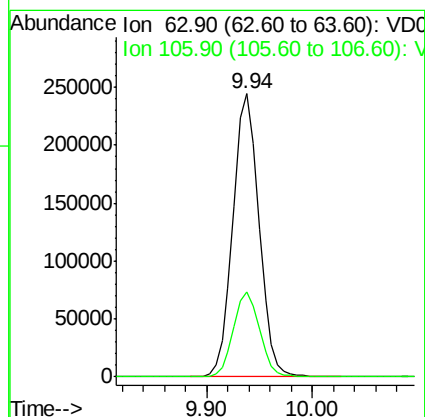
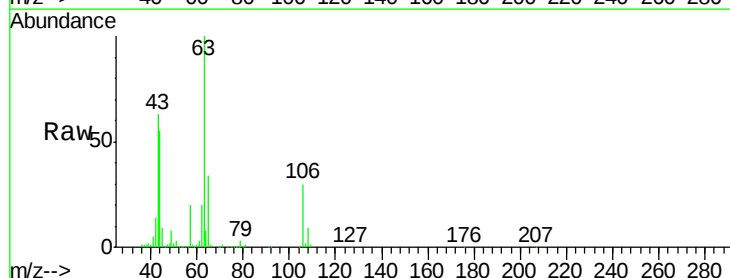
Acq: 10 Aug 2020 21:35

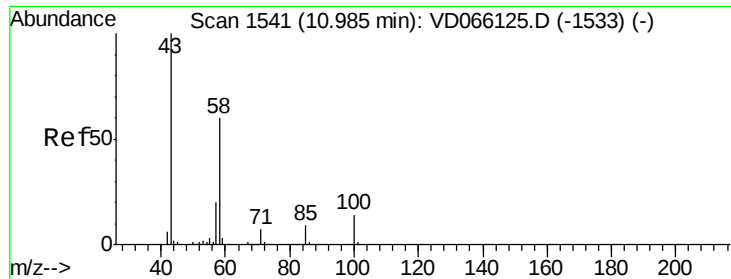
Tgt Ion: 63 Resp: 418248

Ion Ratio Lower Upper

63 100

106 30.2 25.3 37.9

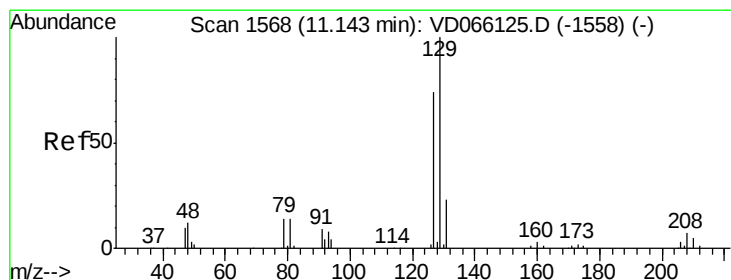
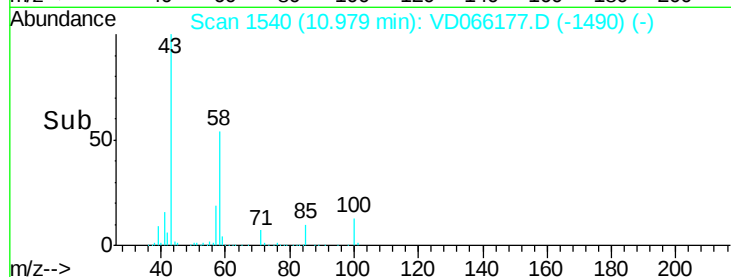
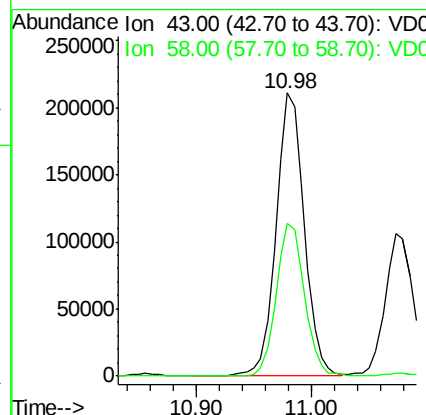
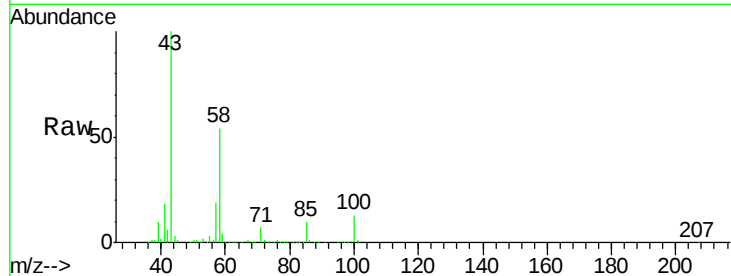




#59
2-Hexanone
Concen: 271.928 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

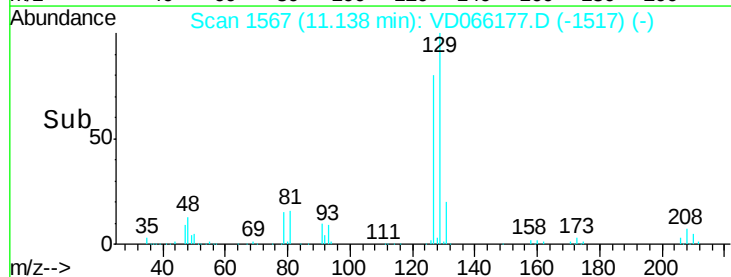
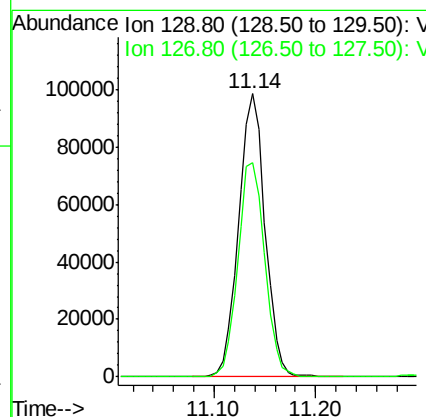
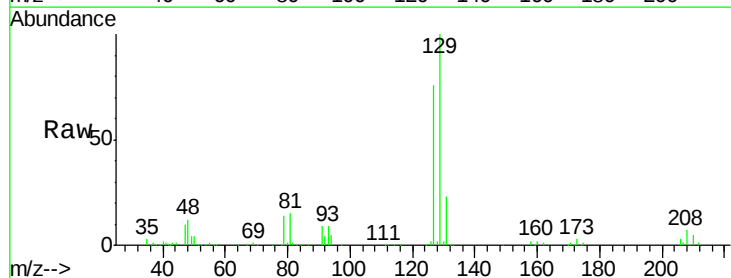
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

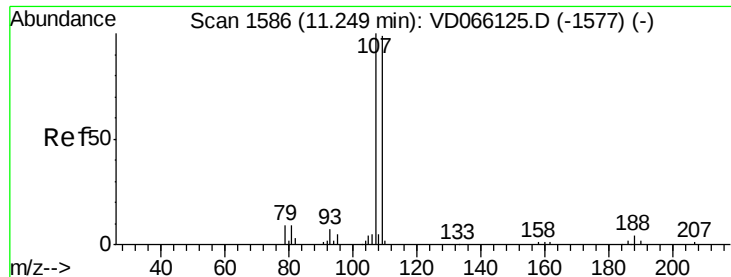
Tot Ion: 43 Resp: 357815
Ion Ratio Lower Upper
43 100
58 54.2 27.8 83.4



#60
Dibromochloromethane
Concen: 51.256 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion: 129 Resp: 178049
Ion Ratio Lower Upper
129 100
127 77.5 38.0 114.1





#61

1,2-Dibromoethane

Concen: 53.599 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

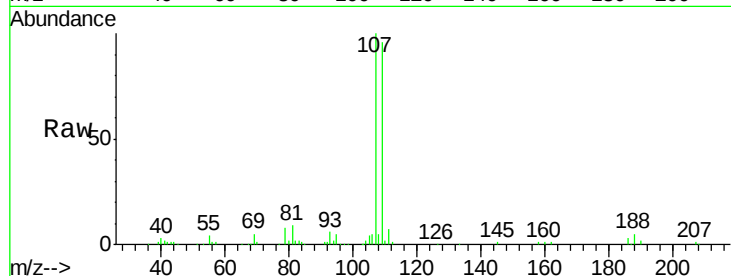
VSTDCCC050EC

Tot Ion:107 Resp: 129700

Ion Ratio Lower Upper

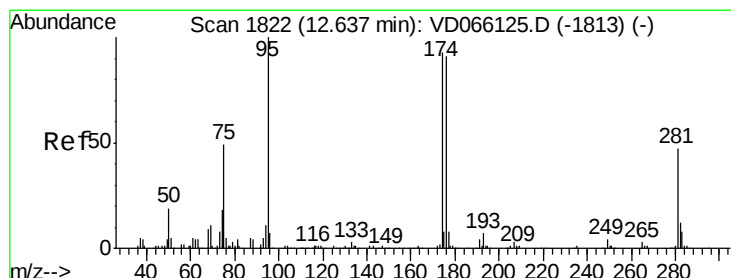
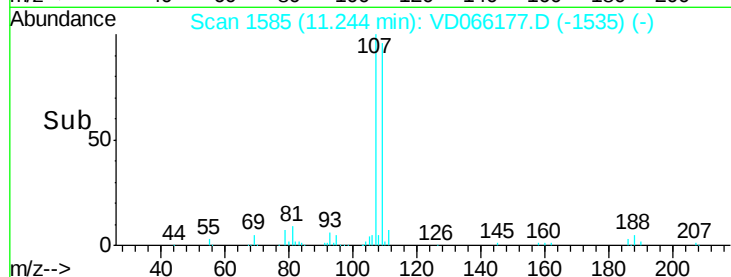
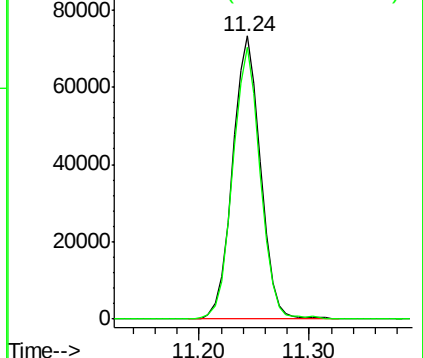
107 100

109 95.1 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.286 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

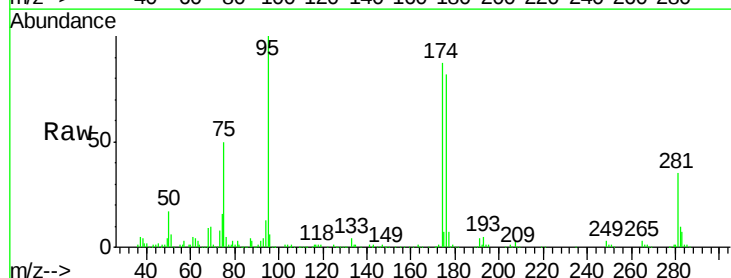
Tgt Ion: 95 Resp: 215035

Ion Ratio Lower Upper

95 100

174 89.1 0.0 180.8

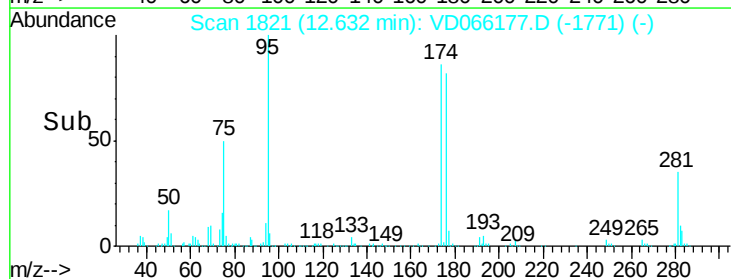
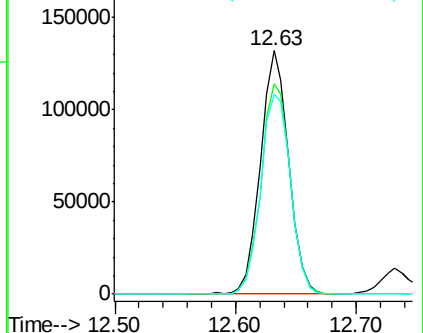
176 86.6 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

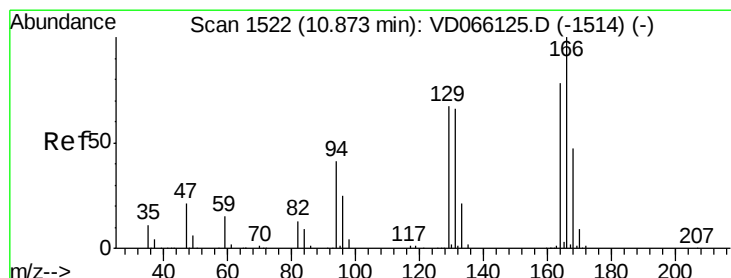
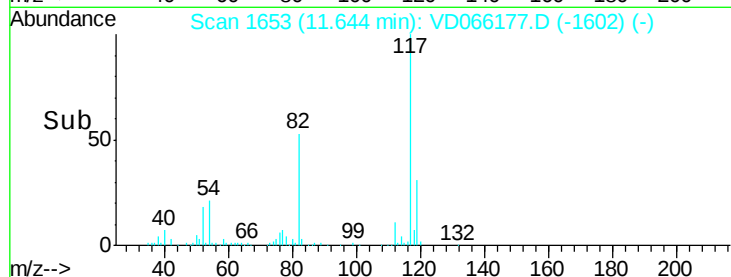
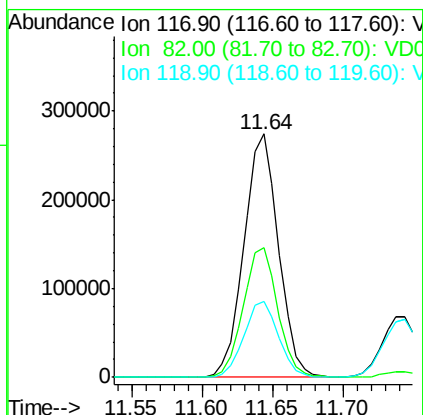
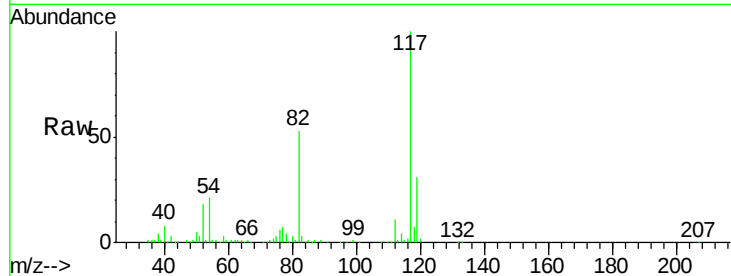




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

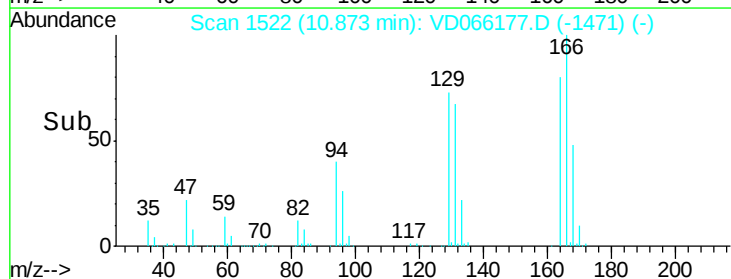
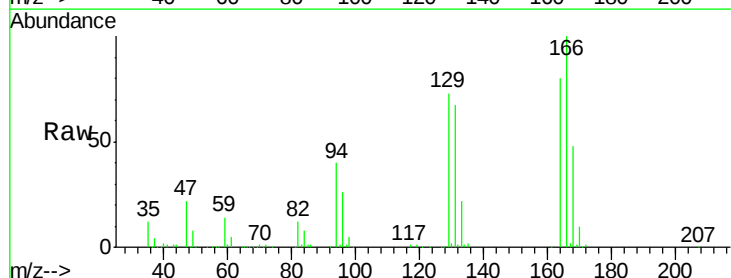
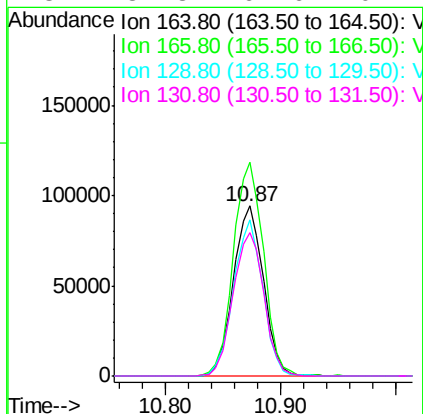
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

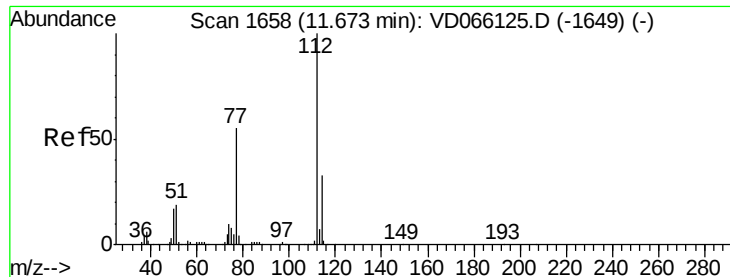
Tot Ion:117 Resp: 469301
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.2 26.1 39.1



#64
Tetrachloroethene
Concen: 47.187 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion:164 Resp: 170048
Ion Ratio Lower Upper
164 100
166 125.7 101.9 152.9
129 92.0 68.1 102.1
131 84.3 67.6 101.4





#65

Chlorobenzene

Concen: 49.912 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

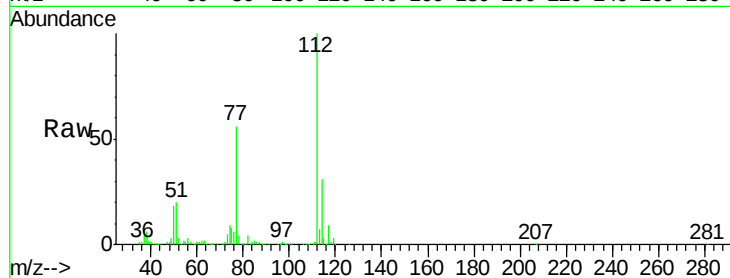
VSTDCCC050EC

Tot Ion:112 Resp: 475514

Ion Ratio Lower Upper

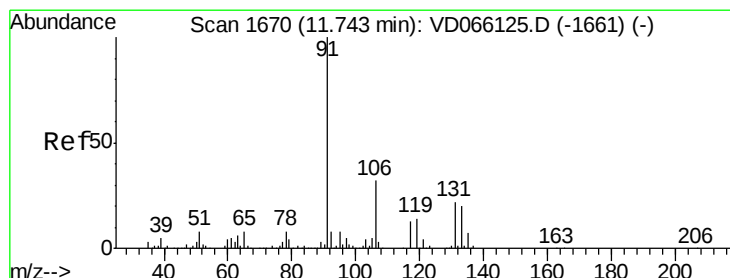
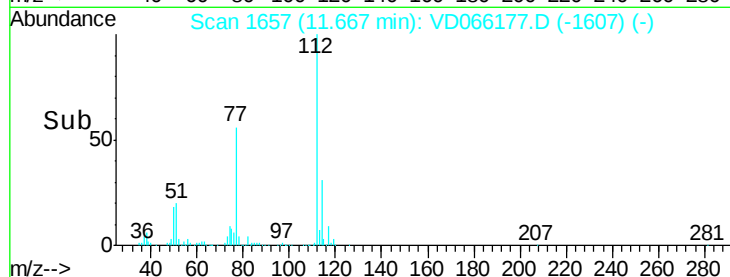
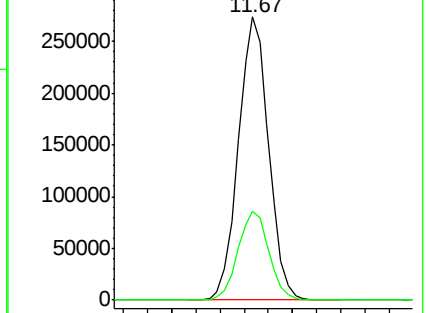
112 100

114 31.3 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.021 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

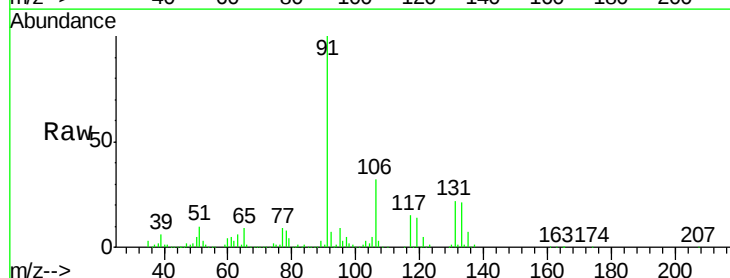
Tgt Ion:131 Resp: 182732

Ion Ratio Lower Upper

131 100

133 98.1 47.1 141.4

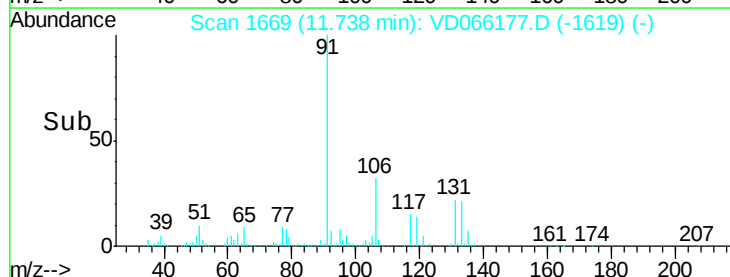
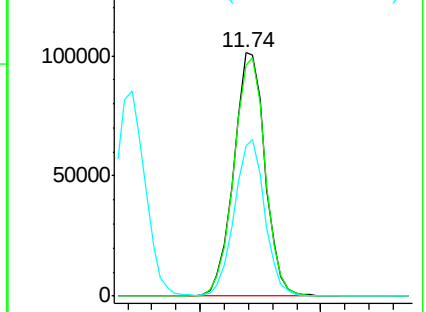
119 62.8 31.6 94.7

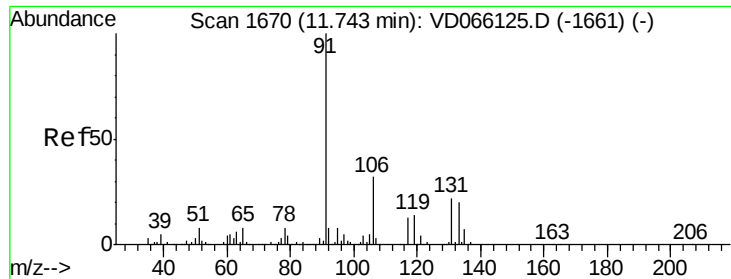


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.364 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

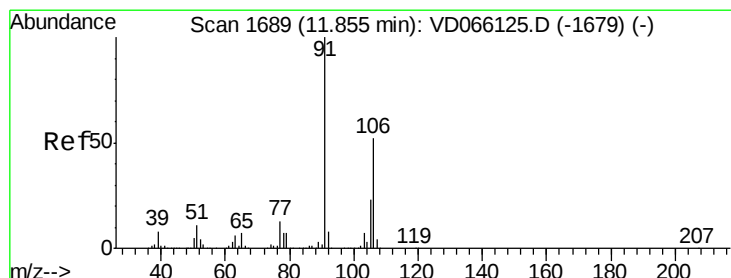
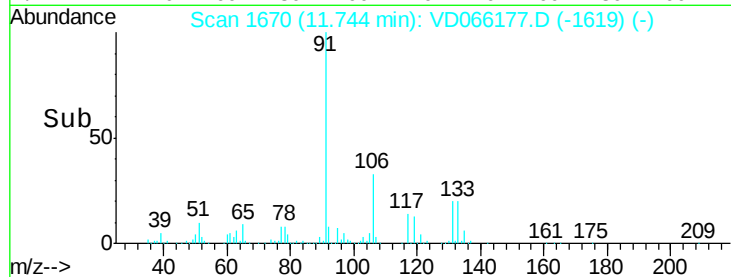
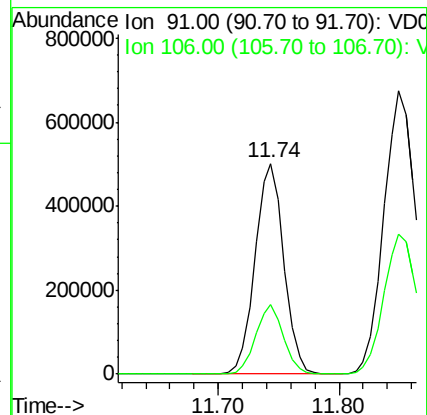
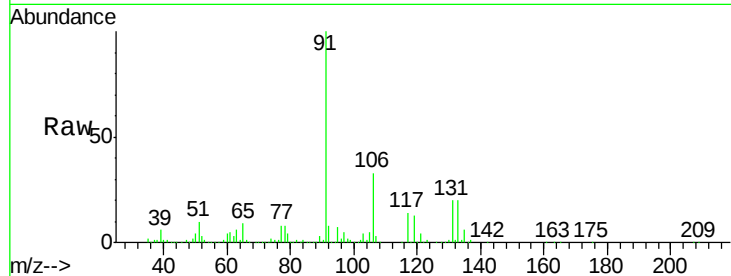
VSTDCCC050EC

Tot Ion: 91 Resp: 831484

Ion Ratio Lower Upper

91 100

106 33.2 25.7 38.5



#68

m/p-Xylenes

Concen: 99.785 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD066177.D

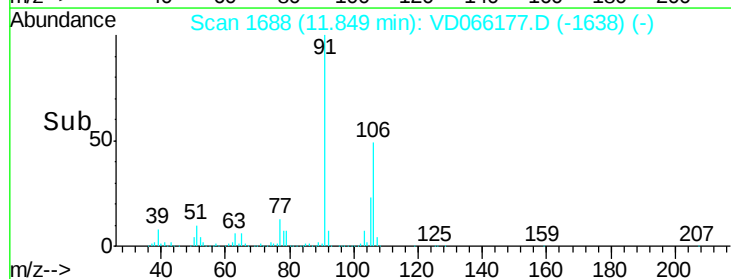
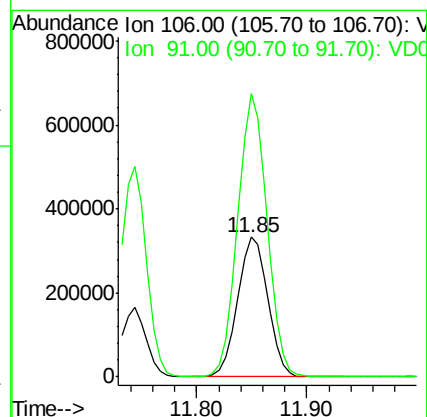
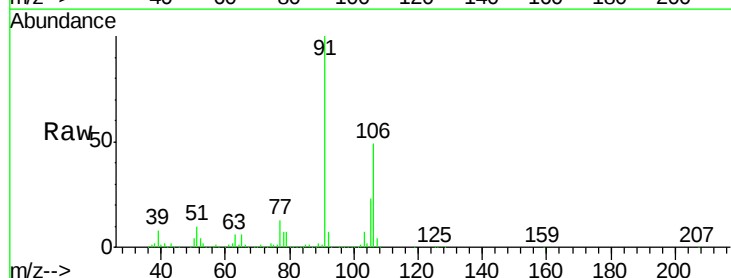
Acq: 10 Aug 2020 21:35

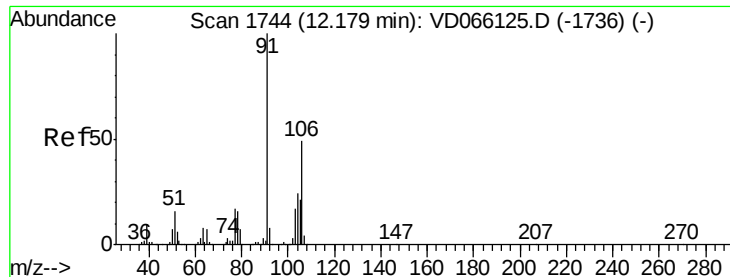
Tgt Ion: 106 Resp: 638262

Ion Ratio Lower Upper

106 100

91 197.5 156.6 235.0

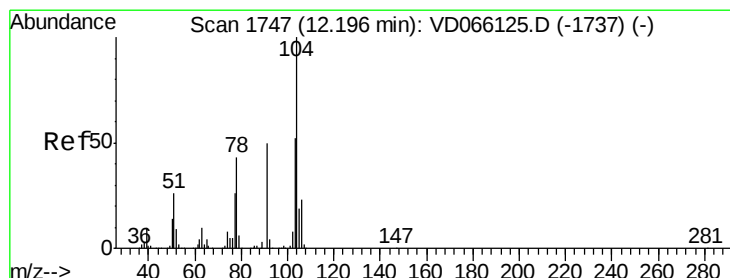
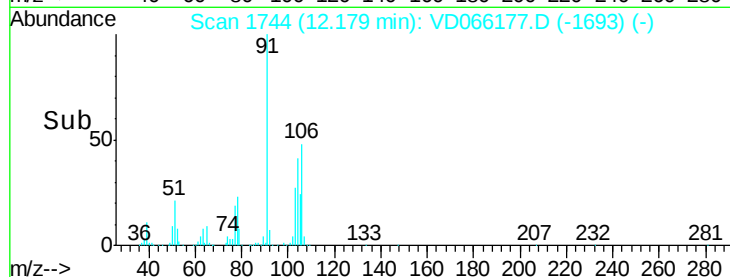
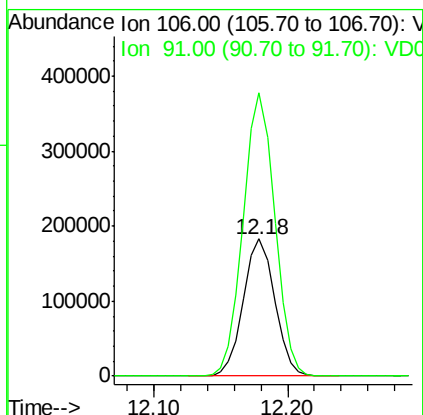
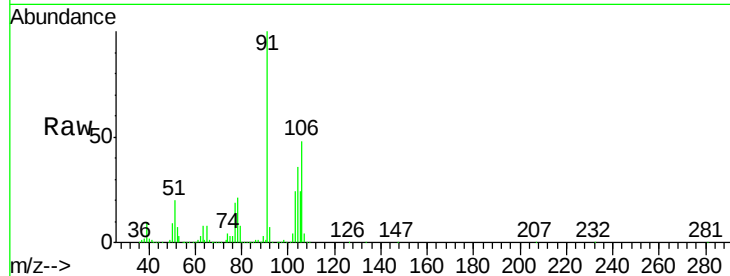




#69
o-Xylene
Concen: 51.320 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

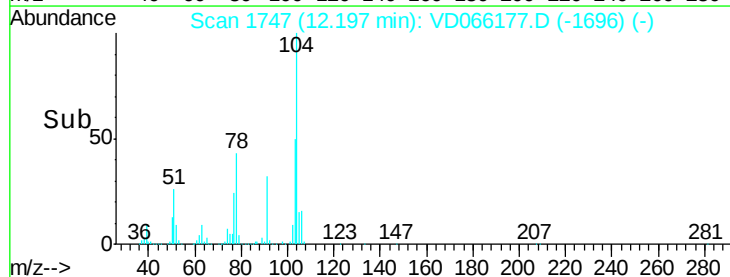
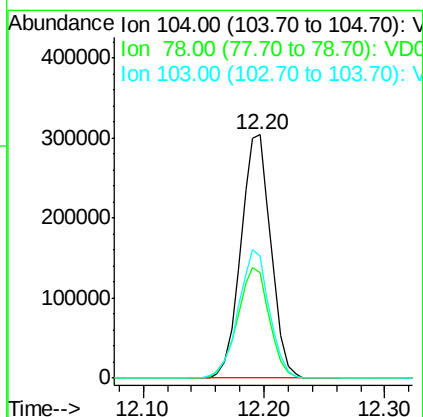
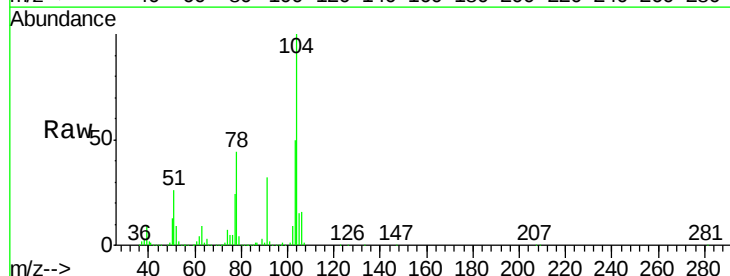
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

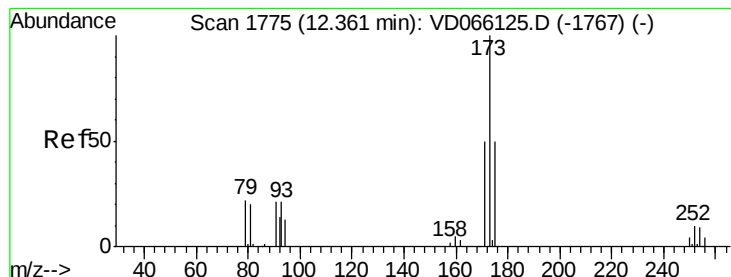
Tot Ion:106 Resp: 298610
Ion Ratio Lower Upper
106 100
91 207.4 105.7 317.1



#70
Styrene
Concen: 51.585 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion:104 Resp: 526024
Ion Ratio Lower Upper
104 100
78 48.2 38.6 58.0
103 54.2 44.1 66.1





#71

Bromoform

Concen: 48.613 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

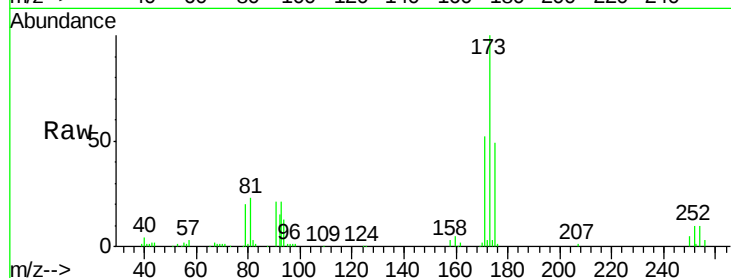
Tot Ion:173 Resp: 107364

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.6

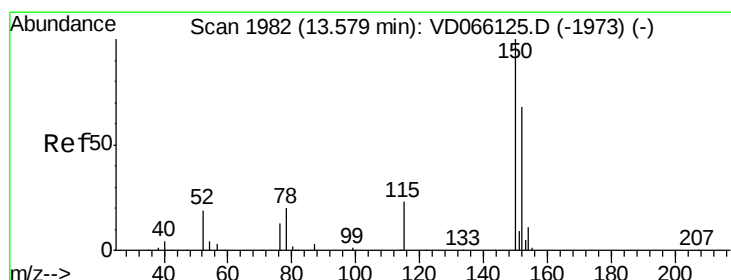
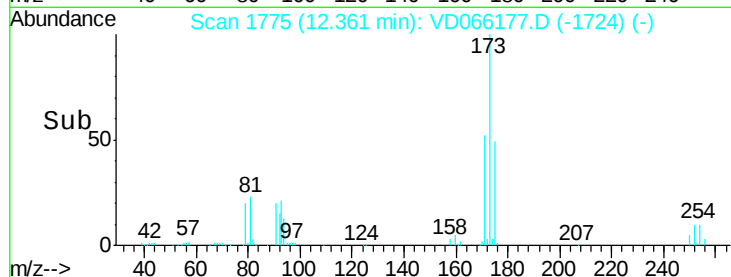
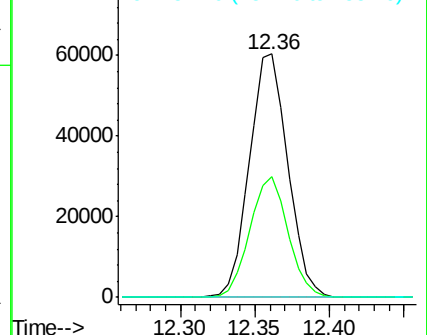
254 0.0 0.2 0.2#



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: VD066177.D

Acq: 10 Aug 2020 21:35

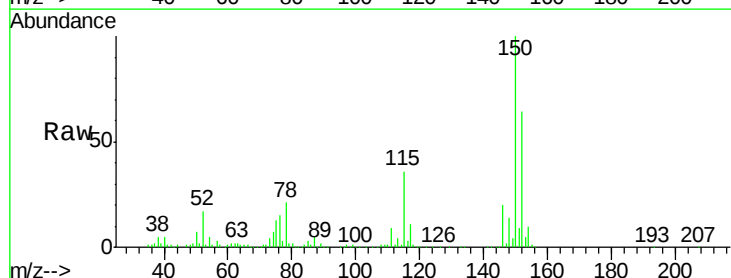
Tgt Ion:152 Resp: 235795

Ion Ratio Lower Upper

152 100

115 56.1 28.0 83.9

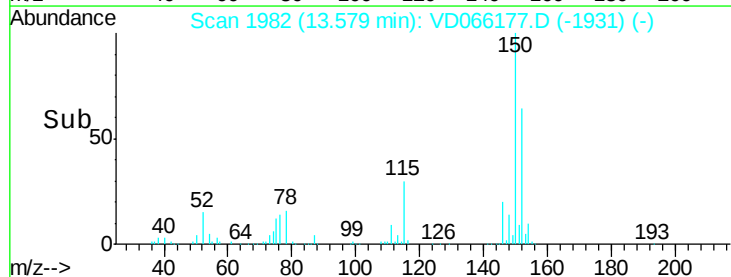
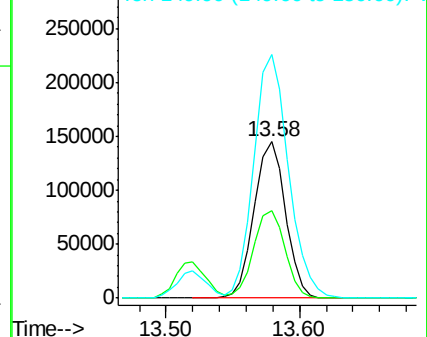
150 171.7 0.0 346.4

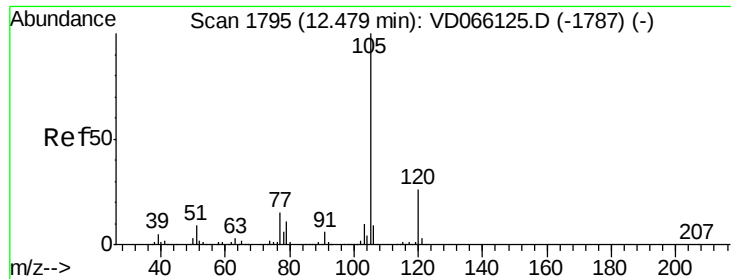


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.824 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

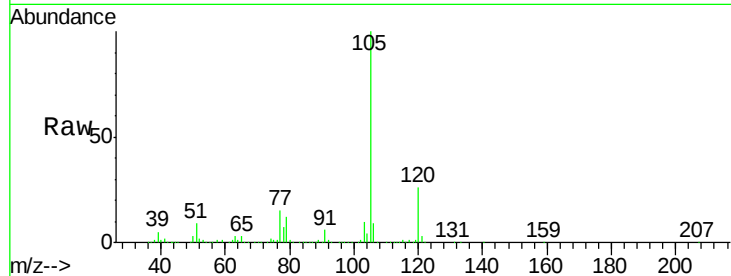
VSTDCCC050EC

Tot Ion:105 Resp: 799970

Ion Ratio Lower Upper

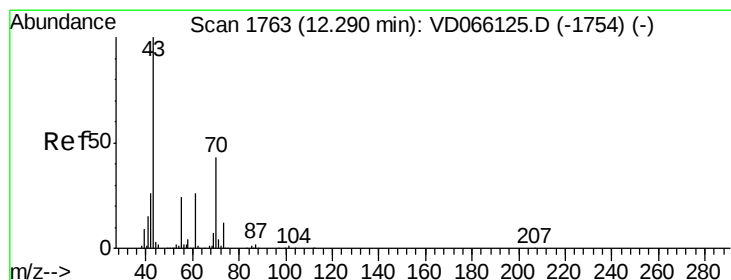
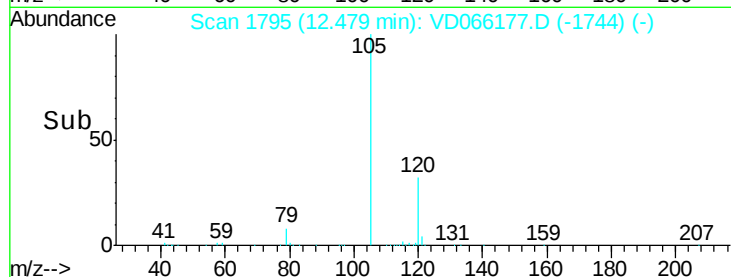
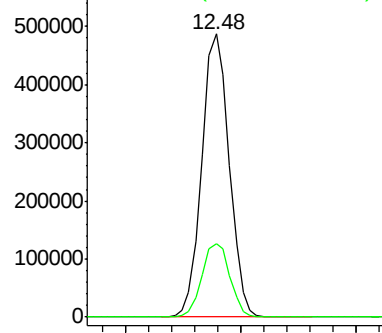
105 100

120 26.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.311 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Tgt Ion: 43 Resp: 195176

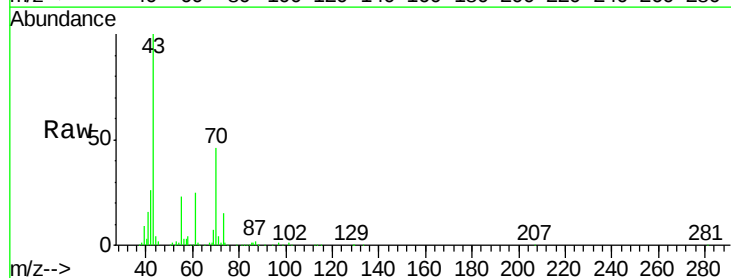
Ion Ratio Lower Upper

43 100

70 43.7 34.9 52.3

55 24.2 19.2 28.8

61 23.5 19.7 29.5

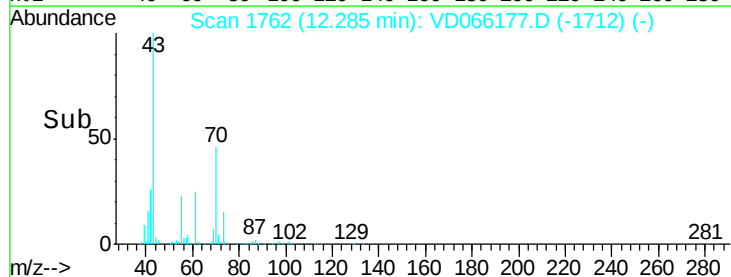
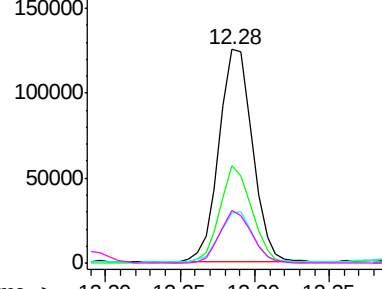


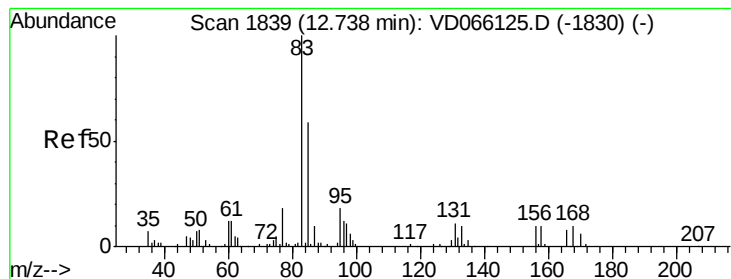
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 54.373 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

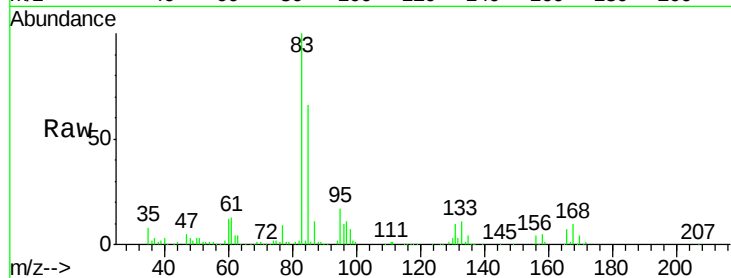
Tot Ion: 83 Resp: 145932

Ion Ratio Lower Upper

83 100

131 10.9 6.2 18.6

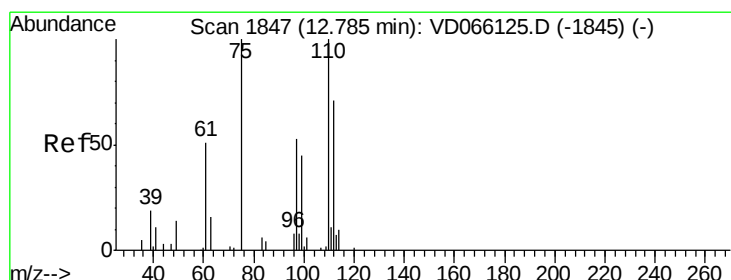
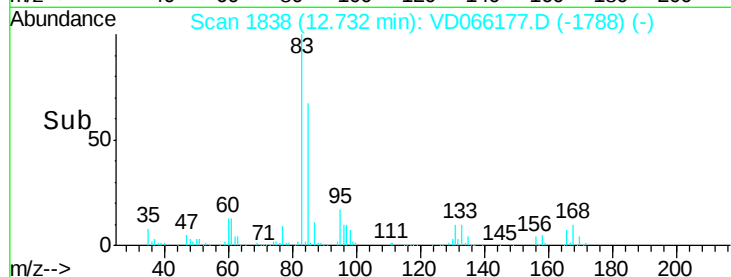
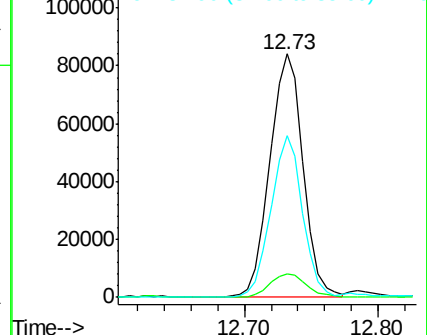
85 62.9 32.4 97.2



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: 93.432 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066177.D

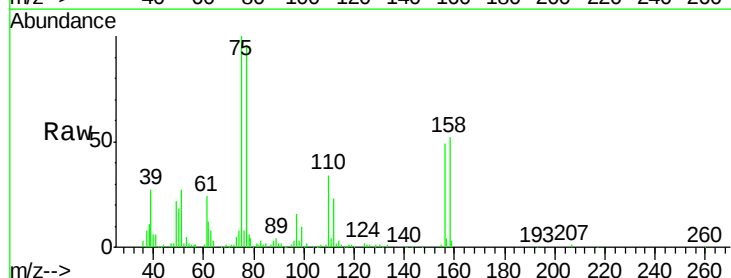
Acq: 10 Aug 2020 21:35

Tgt Ion: 75 Resp: 183722

Ion Ratio Lower Upper

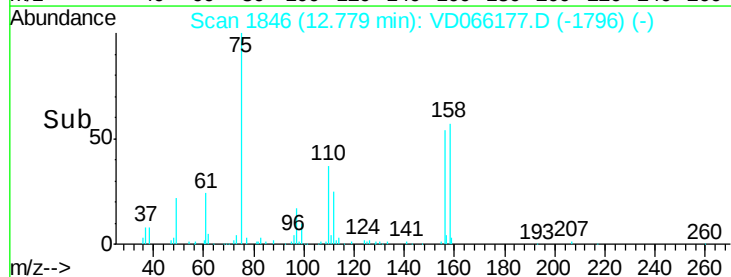
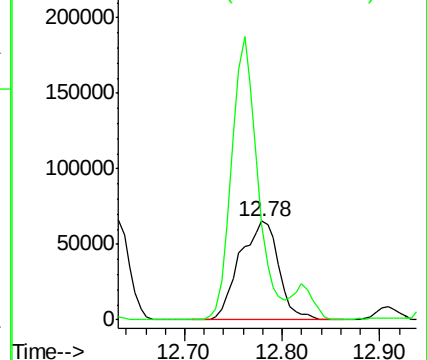
75 100

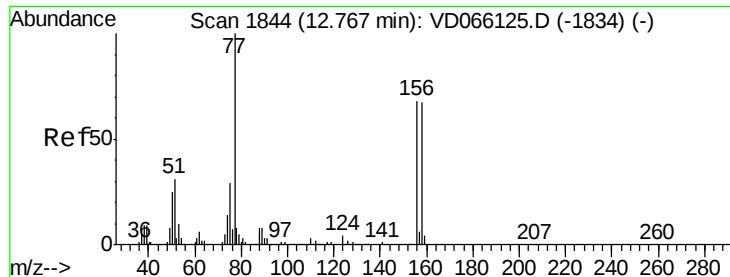
77 189.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

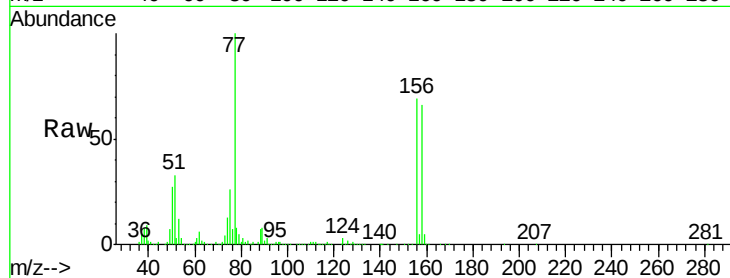




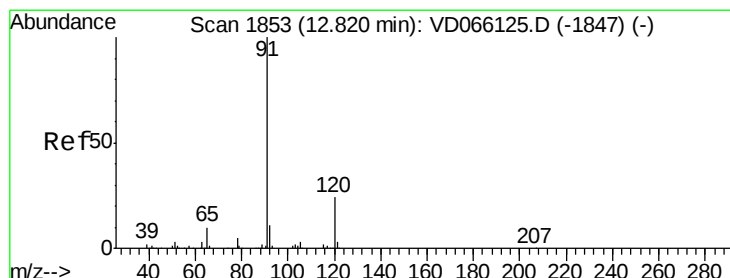
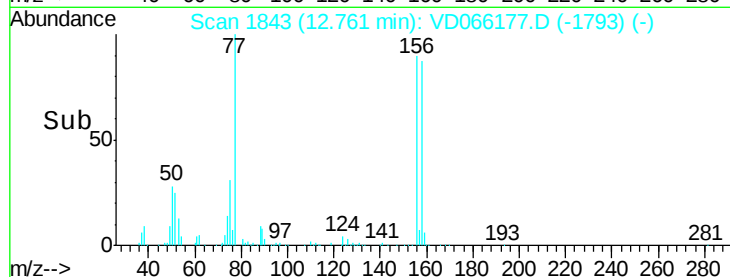
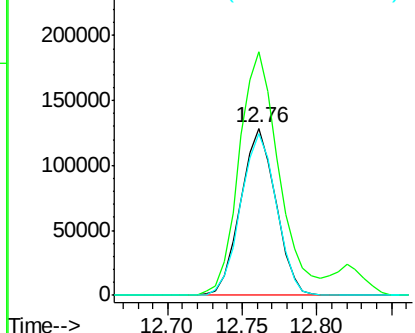
#77
Bromobenzene
Concen: 52.090 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:156 Resp: 211055
Ion Ratio Lower Upper
156 100
77 165.1 81.0 243.1
158 97.8 48.8 146.3

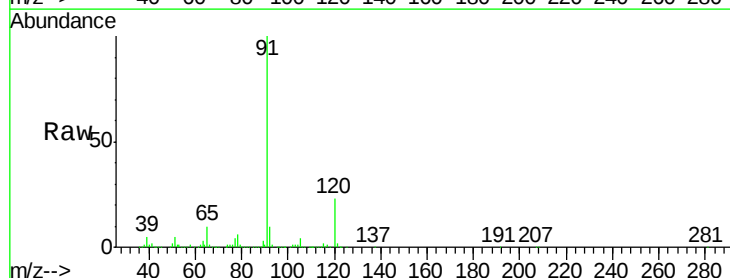


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

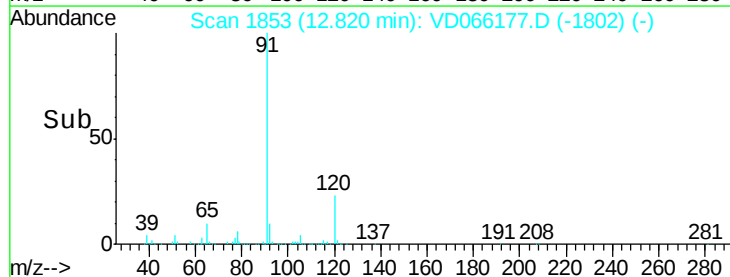
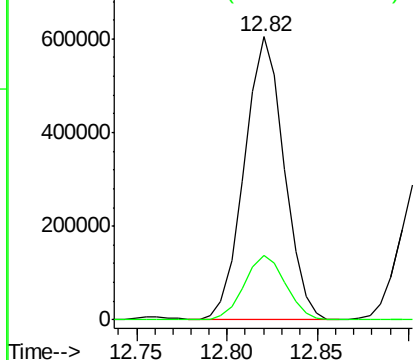


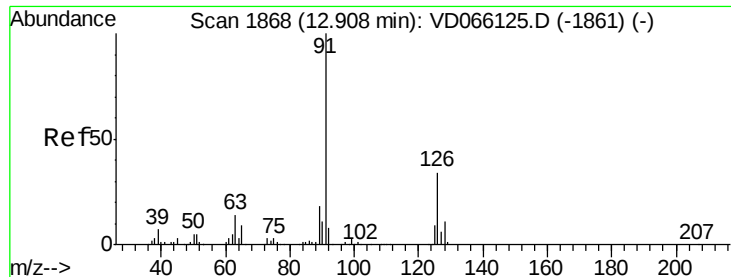
#78
n-propylbenzene
Concen: 50.364 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion: 91 Resp: 921486
Ion Ratio Lower Upper
91 100
120 23.9 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: 51.571 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

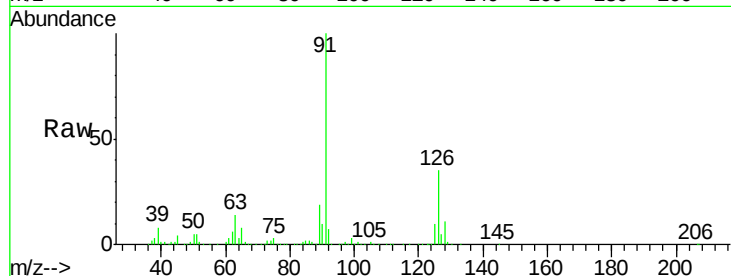
VSTDCCC050EC

Tot Ion: 91 Resp: 539661

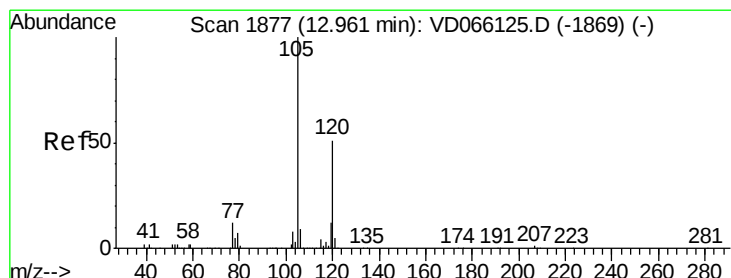
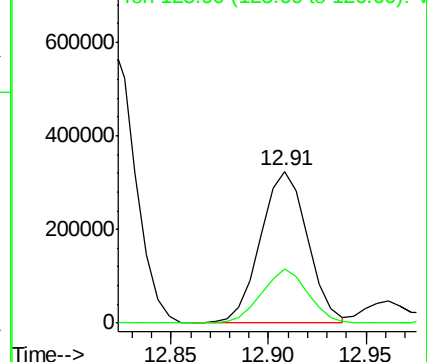
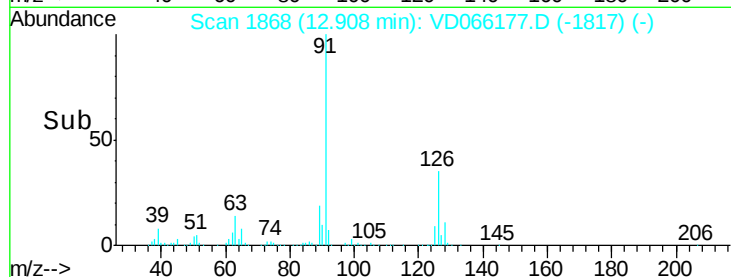
Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066177.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.396 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066177.D

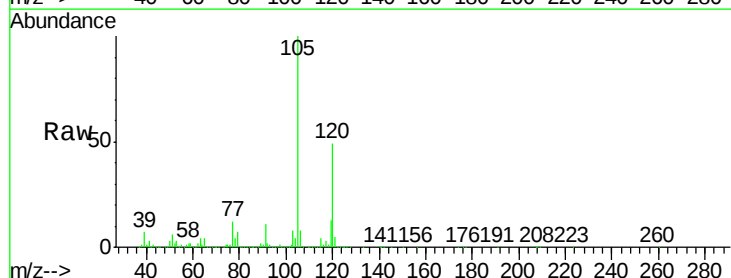
Acq: 10 Aug 2020 21:35

Tgt Ion: 105 Resp: 689704

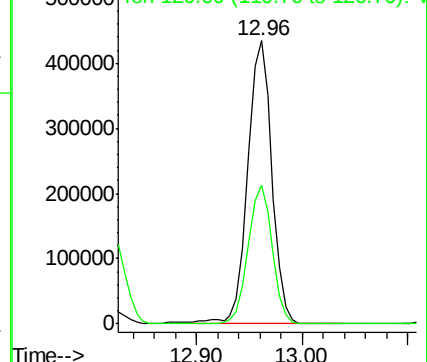
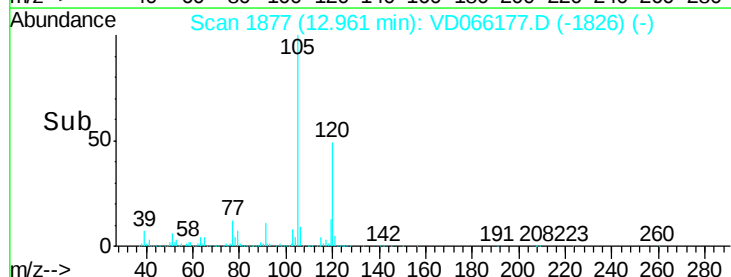
Ion Ratio Lower Upper

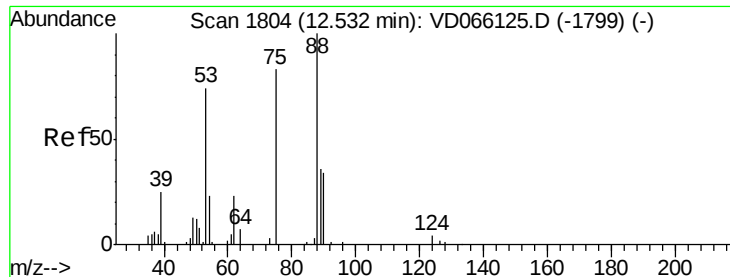
105 100

120 49.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VD066177.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.859 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

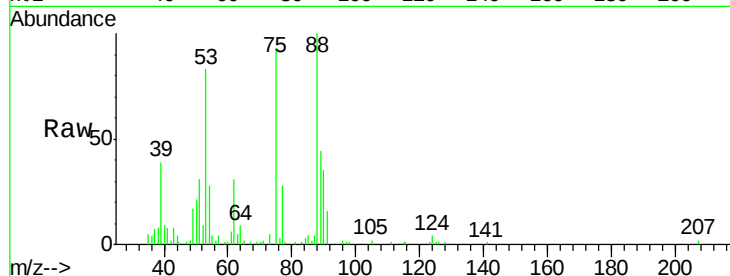
Tot Ion: 75 Resp: 45241

Ion Ratio Lower Upper

75 100

53 95.8 73.4 110.2

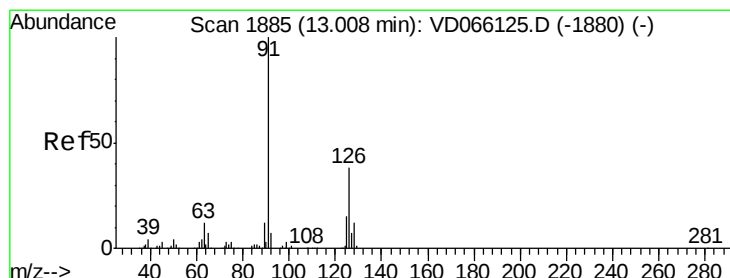
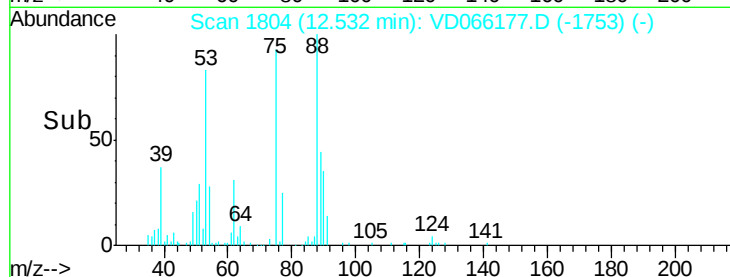
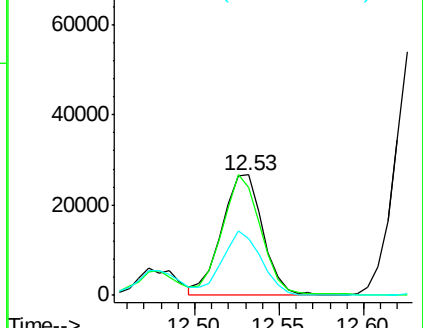
89 49.8 36.6 55.0



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: 50.967 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066177.D

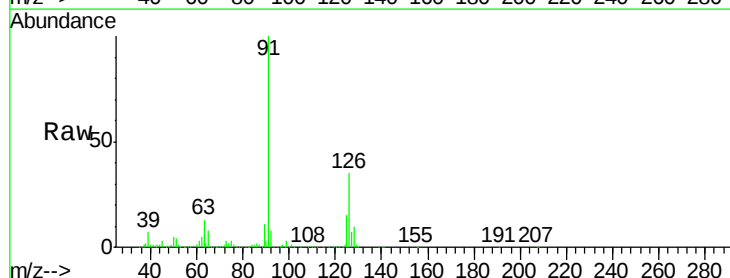
Acq: 10 Aug 2020 21:35

Tgt Ion: 91 Resp: 563010

Ion Ratio Lower Upper

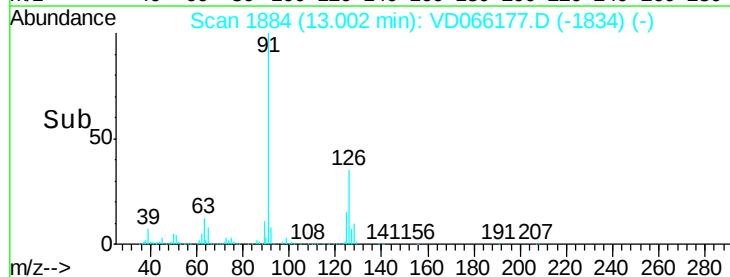
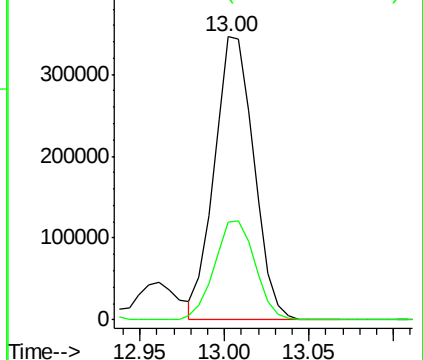
91 100

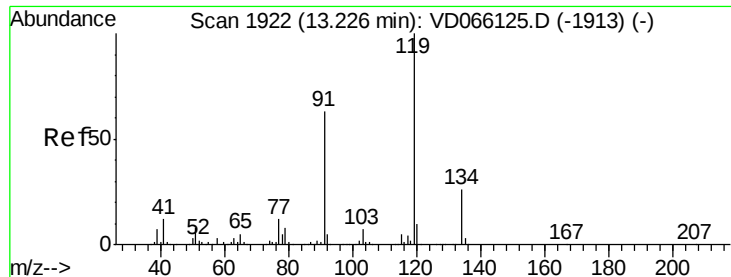
126 36.1 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

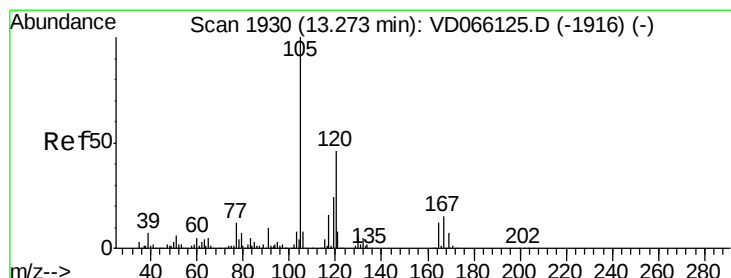
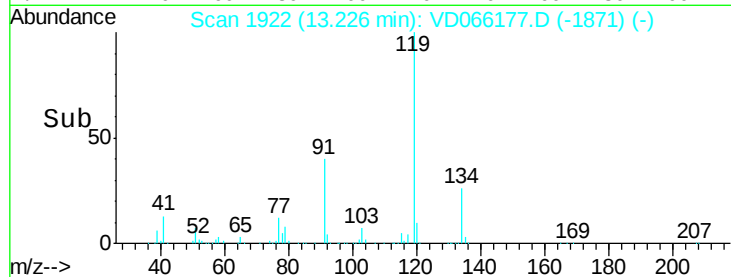
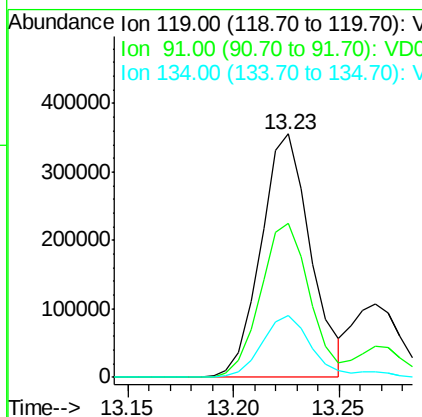
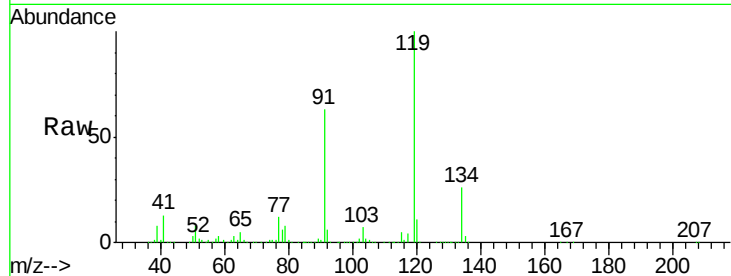




#83
tert-Butylbenzene
Concen: 50.170 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

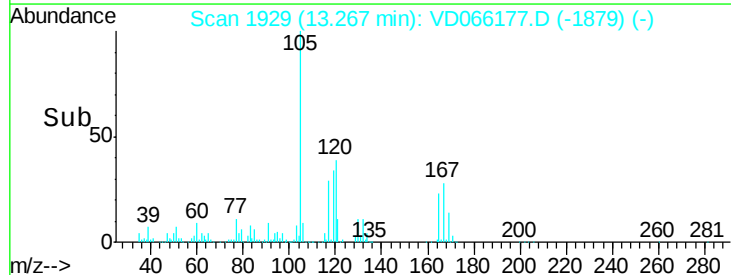
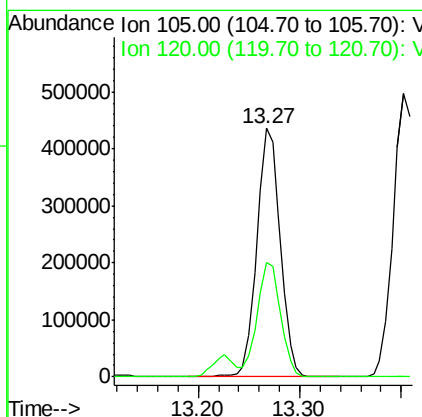
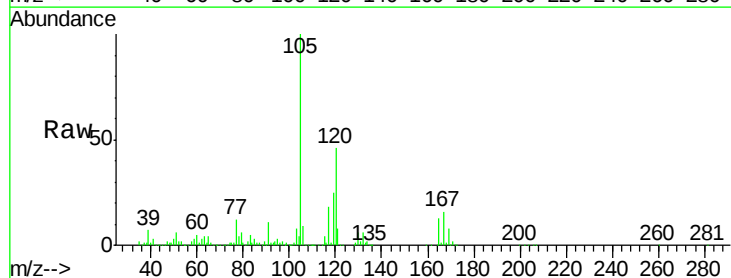
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

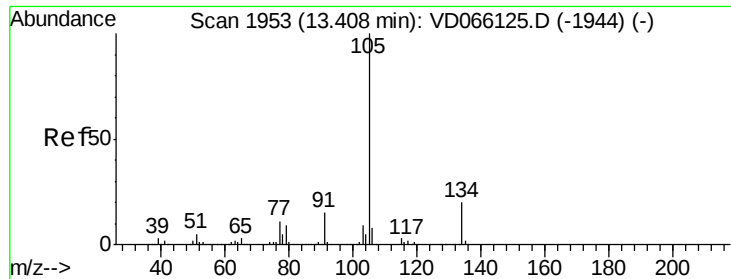
Tot Ion:119 Resp: 580790
Ion Ratio Lower Upper
119 100
91 62.6 30.8 92.4
134 26.9 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 52.875 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion:105 Resp: 696551
Ion Ratio Lower Upper
105 100
120 45.9 23.1 69.2





#85

sec-Butylbenzene

Concen: 49.891 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

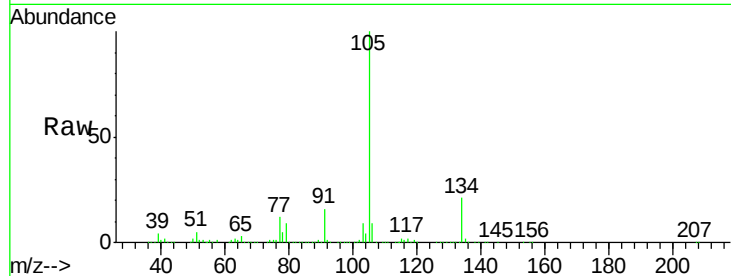
VSTDCCC050EC

Tot Ion:105 Resp: 779779

Ion Ratio Lower Upper

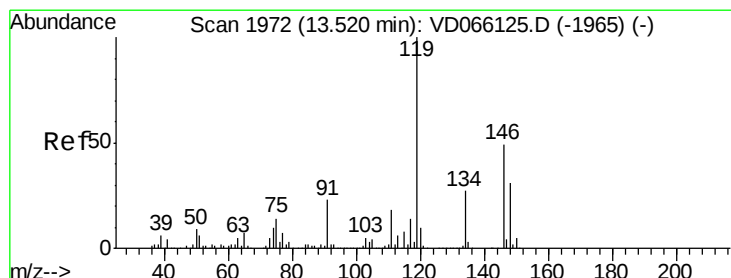
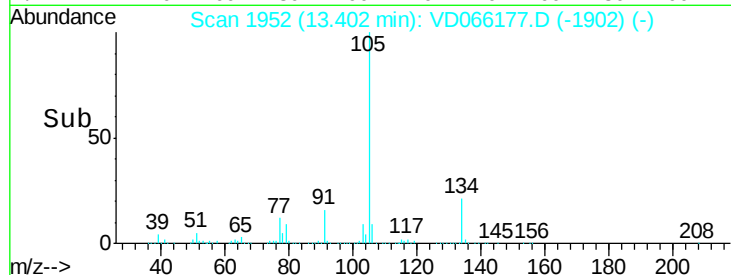
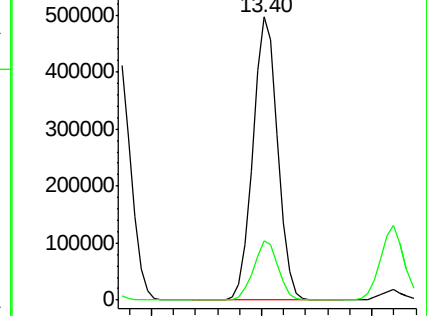
105 100

134 20.8 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.476 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

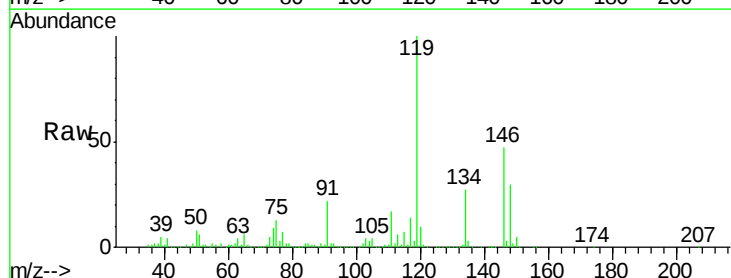
Tgt Ion:119 Resp: 725271

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

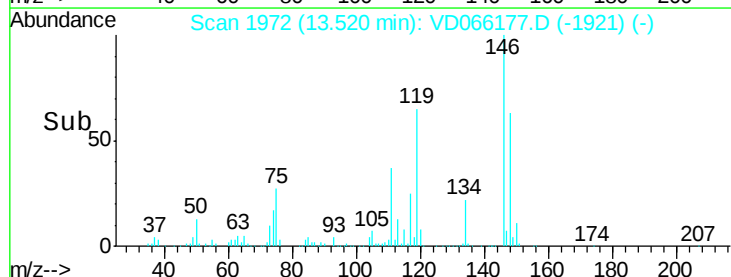
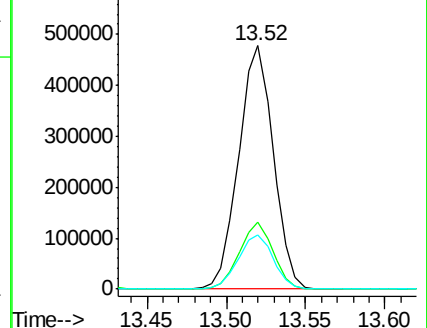
91 22.3 11.2 33.5

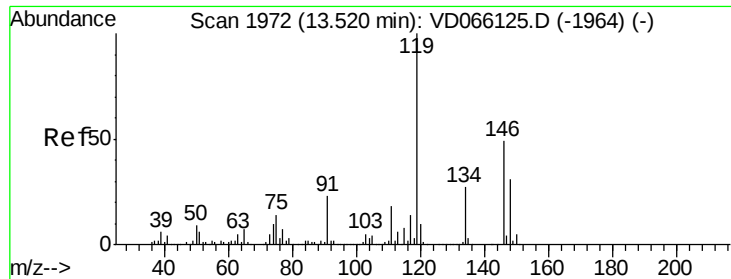


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.140 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

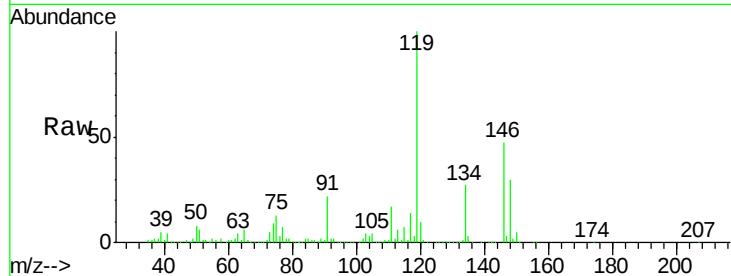
Tot Ion:146 Resp: 381825

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.9

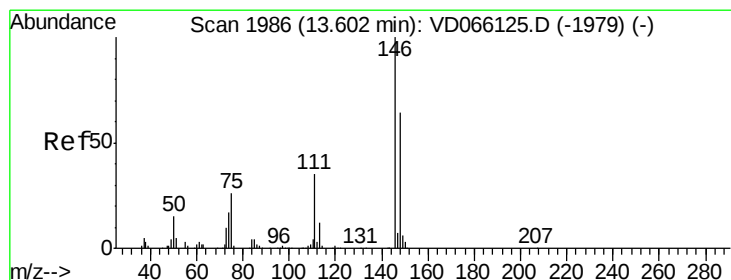
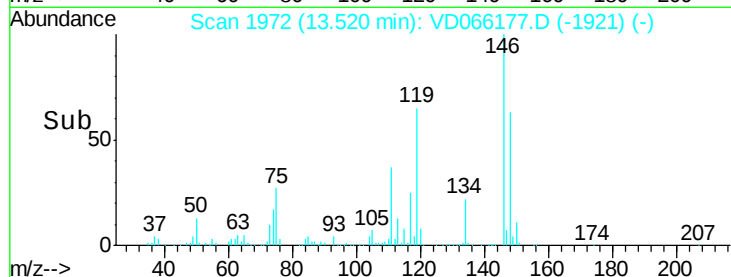
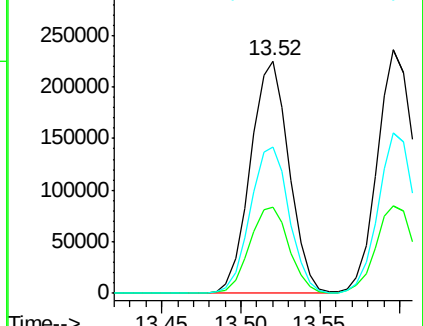
148 63.3 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.095 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

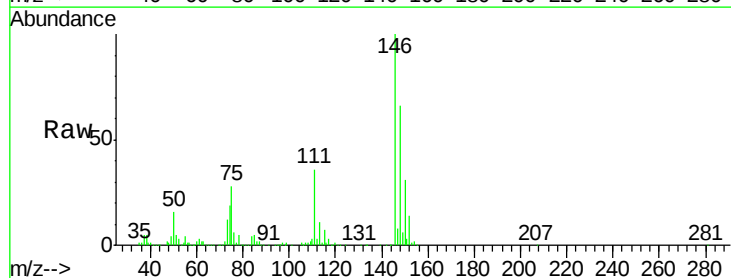
Tgt Ion:146 Resp: 380443

Ion Ratio Lower Upper

146 100

111 37.2 18.6 55.8

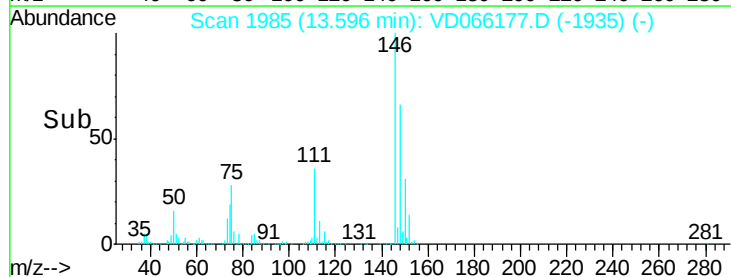
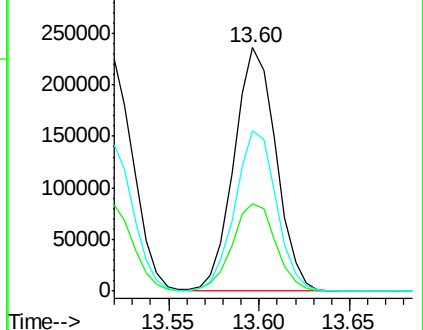
148 64.9 32.4 97.0

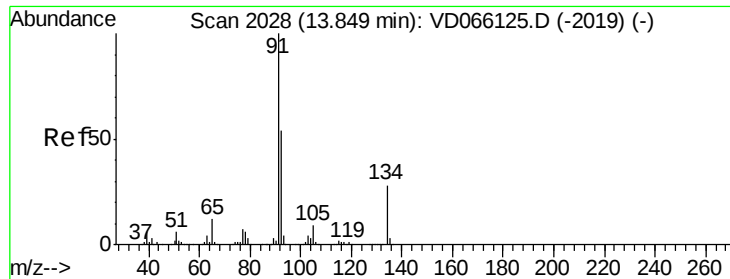


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

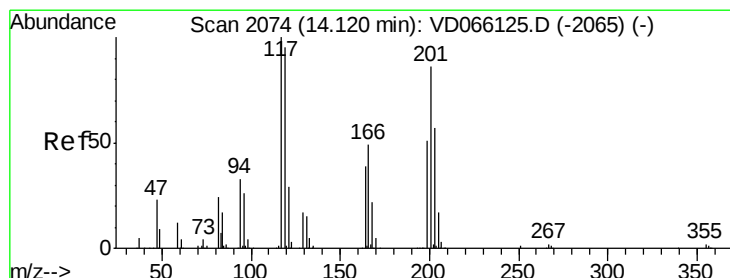
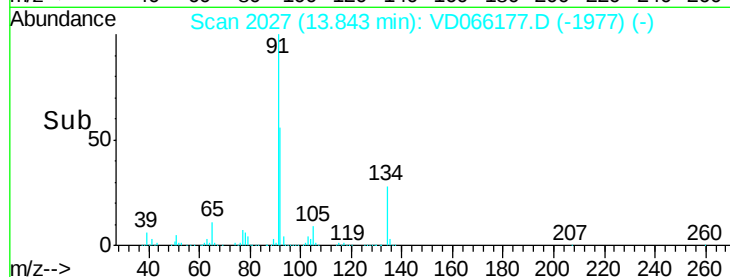
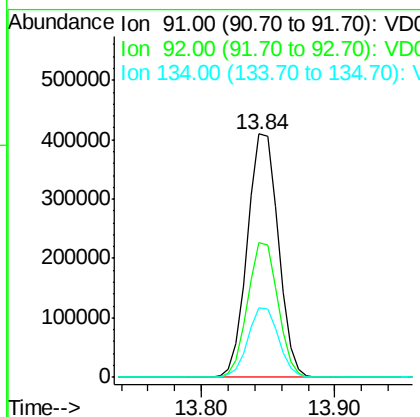
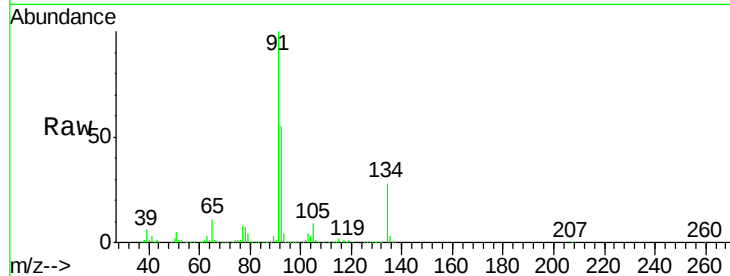




#89
n-Butylbenzene
Concen: 49.570 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

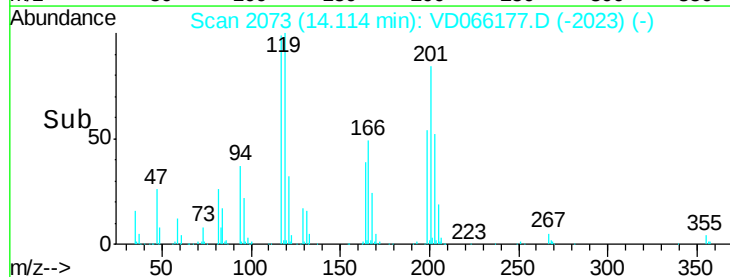
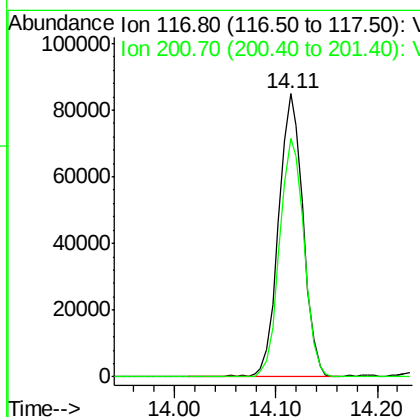
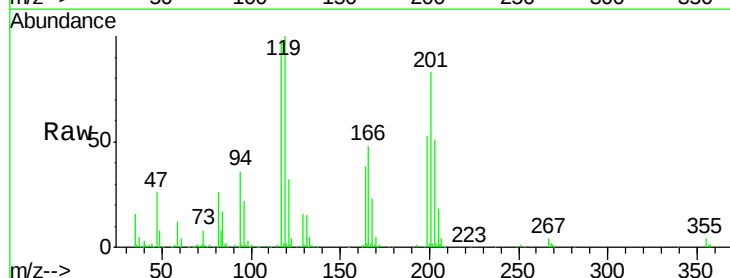
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

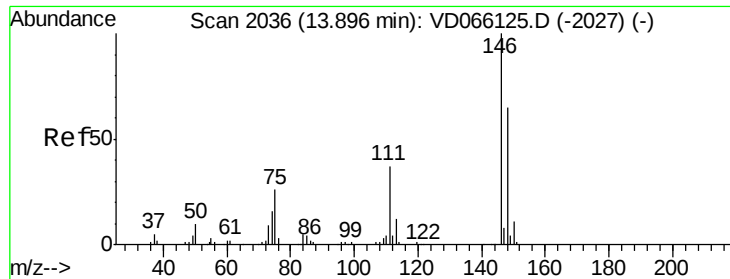
Tot Ion: 91 Resp: 651047
Ion Ratio Lower Upper
91 100
92 54.2 26.8 80.3
134 28.2 14.0 41.9



#90
Hexachloroethane
Concen: 49.112 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion: 117 Resp: 143587
Ion Ratio Lower Upper
117 100
201 84.1 42.7 128.1

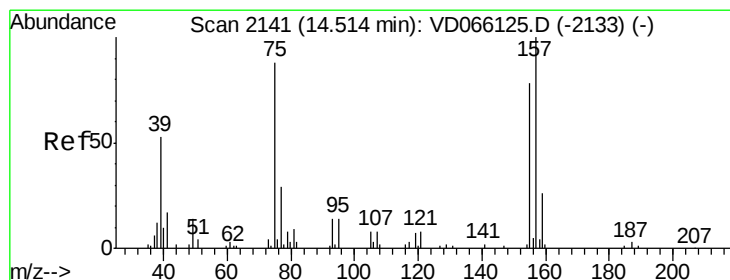
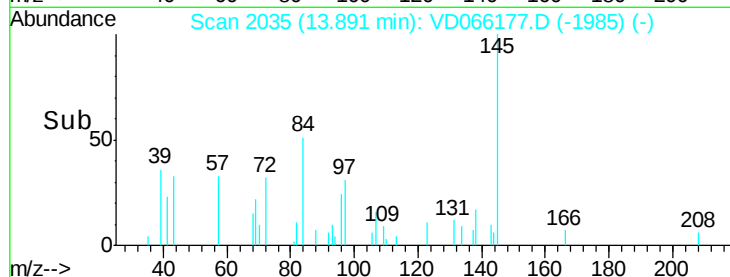
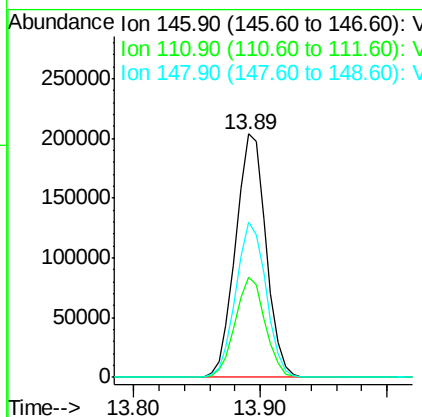
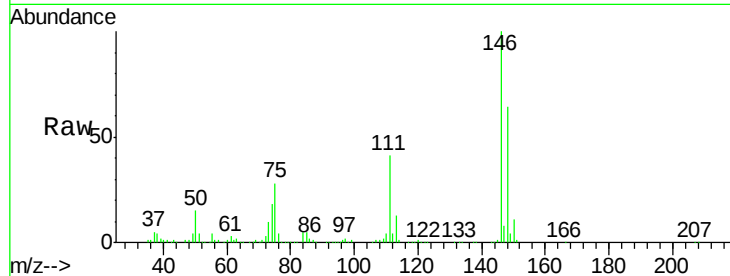




#91
 1,2-Dichlorobenzene
 Concen: 50.244 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

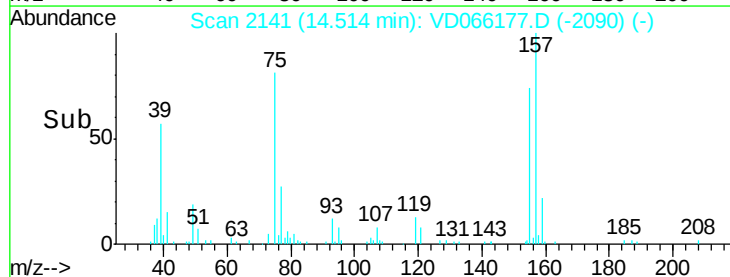
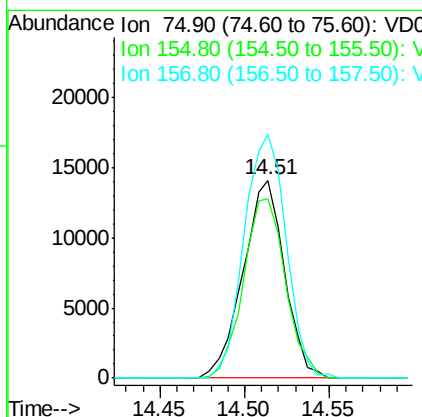
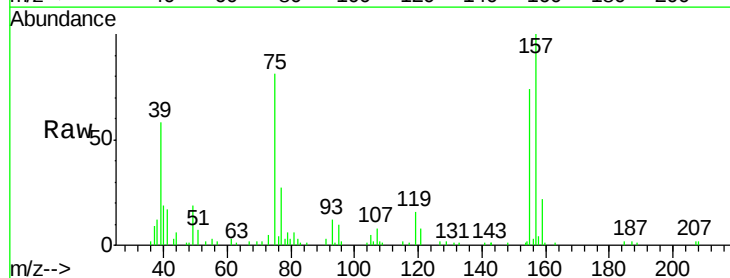
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

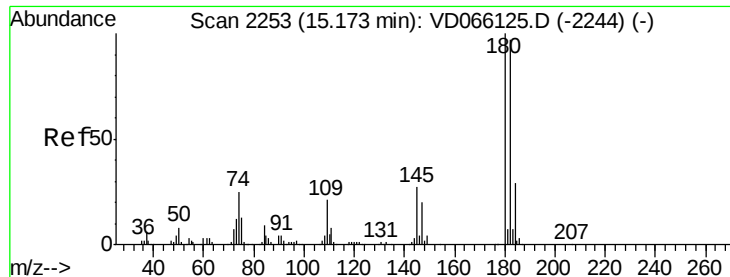
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	18.8	56.3
148	63.4	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.192 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.1	47.7	143.1
157	124.8	62.1	186.2

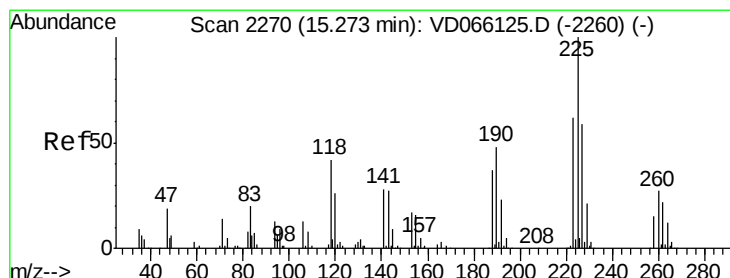
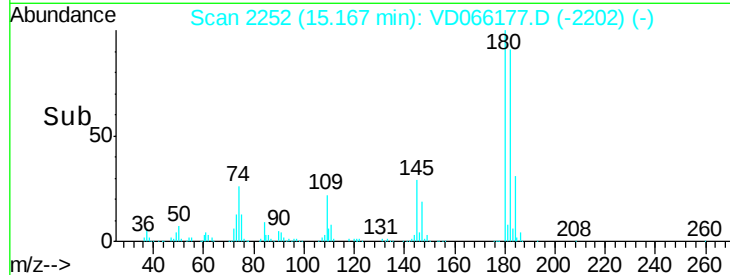
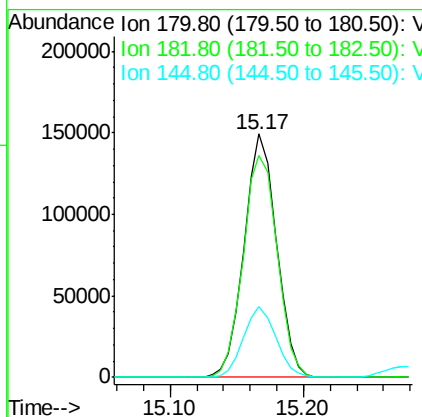
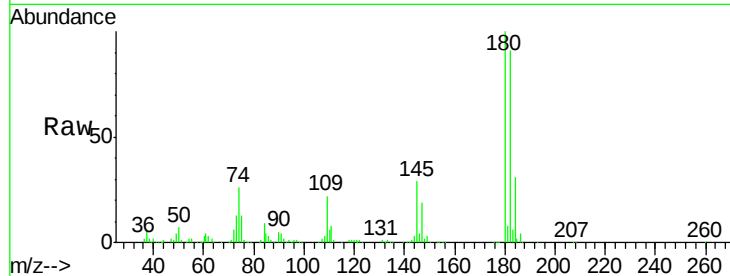




#93
 1,2,4-Trichlorobenzene
 Concen: 50.370 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

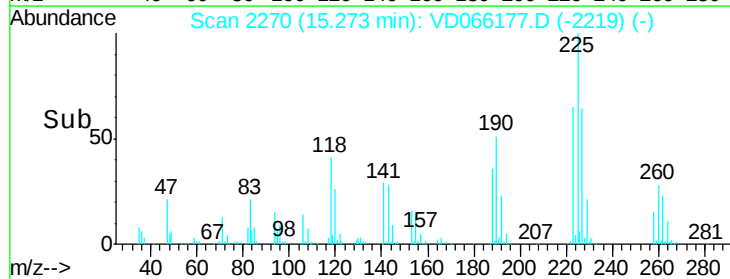
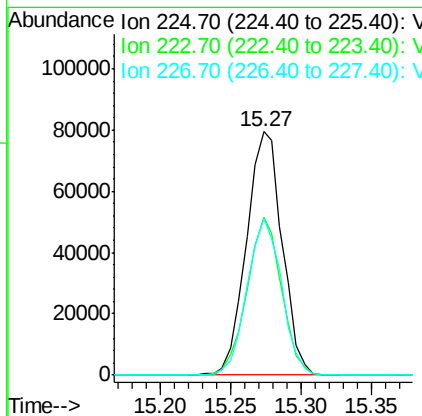
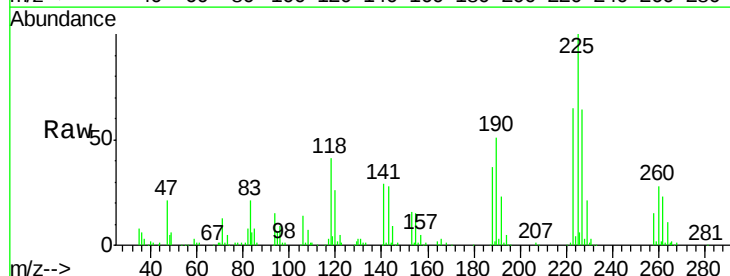
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

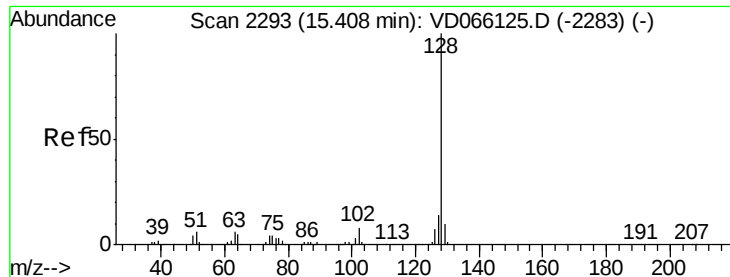
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.4	142.2
145	29.3	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 48.152 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.3	96.9
227	62.5	32.1	96.5





#95

Naphthalene

Concen: 55.969 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

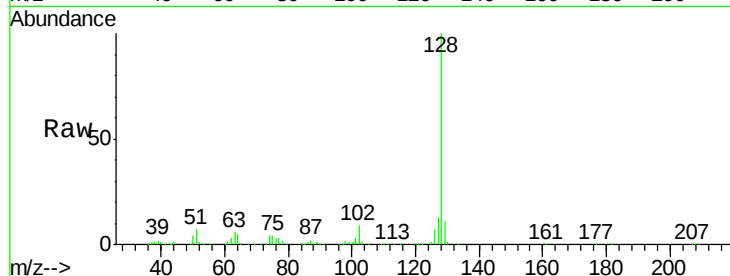
Tot Ion:128 Resp: 452607

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

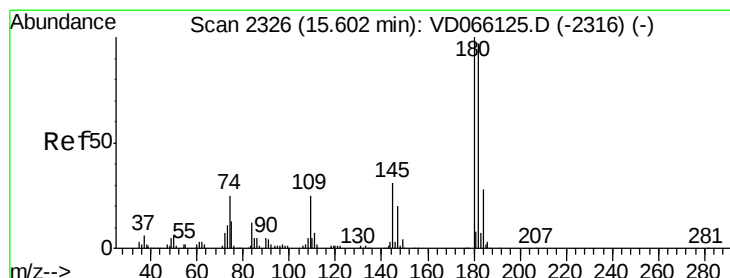
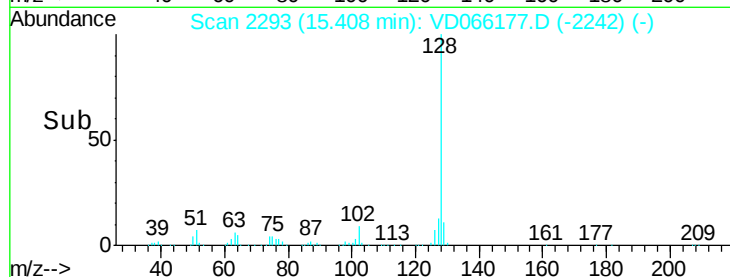
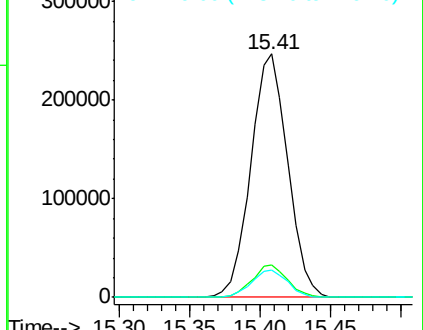
129 11.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.128 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

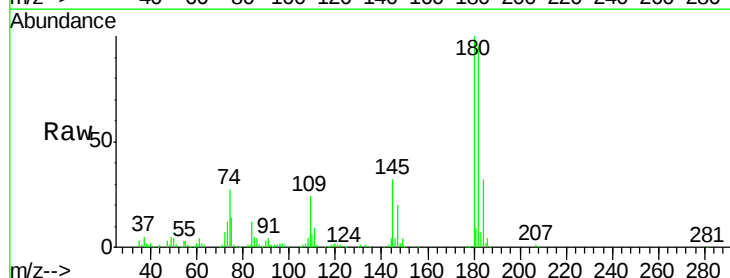
Tgt Ion:180 Resp: 219622

Ion Ratio Lower Upper

180 100

182 96.4 47.1 141.4

145 32.2 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

