

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080520\
 Data File : VD066125.D
 Acq On : 05 Aug 2020 11:58
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 05 13:35:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:31:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	362030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	517323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	479874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	247454	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	162248	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	7.91	113	168739	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	10.34	98	631320	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.64	95	221443	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	140646	41.797	ug/l	100
3) Chloromethane	2.20	50	107789	40.708	ug/l	100
4) Vinyl Chloride	2.34	62	99554	43.929	ug/l	100
5) Bromomethane	2.76	94	68963	44.502	ug/l	100
6) Chloroethane	2.91	64	61107	43.287	ug/l	100
7) Trichlorofluoromethane	3.26	101	264177	44.751	ug/l	100
8) Diethyl Ether	3.70	74	77685	48.222	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	160807	46.065	ug/l	100
10) Methyl Iodide	4.29	142	130770	61.008	ug/l	100
11) Tert butyl alcohol	5.23	59	56991	147.995	ug/l	100
12) 1,1-Dichloroethene	4.06	96	151988	46.389	ug/l	100
13) Acrolein	3.91	56	57768	220.829	ug/l	100
14) Allyl chloride	4.70	41	234743	47.737	ug/l	100
15) Acrylonitrile	5.42	53	165061	243.677	ug/l	100
16) Acetone	4.15	43	154604	248.424	ug/l	100
17) Carbon Disulfide	4.40	76	481408	46.155	ug/l	100
18) Methyl Acetate	4.71	43	70238	44.004	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	354462	48.292	ug/l	100
20) Methylene Chloride	4.96	84	176498	38.451	ug/l	100
21) trans-1,2-Dichloroethene	5.46	96	174383	46.240	ug/l	100
22) Diisopropyl ether	6.36	45	467271	48.082	ug/l	100
23) Vinyl Acetate	6.30	43	1398526	248.666	ug/l	100
24) 1,1-Dichloroethane	6.26	63	283497	46.761	ug/l	100
25) 2-Butanone	7.21	43	213339	231.709	ug/l	100
26) 2,2-Dichloropropane	7.20	77	249655	44.983	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	187038	47.924	ug/l	100
28) Bromochloromethane	7.54	49	104199	49.178	ug/l	100
29) Tetrahydrofuran	7.56	42	137932	246.466	ug/l	100
30) Chloroform	7.70	83	297410	46.610	ug/l	100
31) Cyclohexane	7.98	56	255907	43.290	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	281312	47.116	ug/l	100
36) 1,1-Dichloropropene	8.11	75	238257	47.716	ug/l	100
37) Ethyl Acetate	7.29	43	90453	46.681	ug/l	100
38) Carbon Tetrachloride	8.09	117	258666	46.597	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	289022	48.778	ug/l	100
40) Benzene	8.34	78	650540	46.949	ug/l	100
41) Methacrylonitrile	7.53	41	53740	48.670	ug/l	100
42) 1,2-Dichloroethane	8.42	62	191149	47.233	ug/l	100
43) Isopropyl Acetate	8.45	43	182296	48.143	ug/l	100
44) Trichloroethene	9.11	130	196045	47.348	ug/l	100
45) 1,2-Dichloropropane	9.38	63	158579	47.274	ug/l	100
46) Dibromomethane	9.47	93	90703	49.178	ug/l	100
47) Bromodichloromethane	9.66	83	234060	47.992	ug/l	100
48) Methyl methacrylate	9.46	41	99301	49.790	ug/l	100
49) 1,4-Dioxane	9.46	88	23128	977.757	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	480258	243.392	ug/l	100
52) Toluene	10.40	92	439765	48.492	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	225593	49.373	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	263769	49.378	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	125226	46.591	ug/l	100
56) Ethyl methacrylate	10.66	69	159746	51.812	ug/l	100
57) 1,3-Dichloropropane	10.95	76	213883	48.390	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	360638	257.093	ug/l	100
59) 2-Hexanone	10.98	43	340012	246.417	ug/l	100
60) Dibromochloromethane	11.14	129	177631	48.275	ug/l	100
61) 1,2-Dibromoethane	11.25	107	124086	48.687	ug/l	100
64) Tetrachloroethene	10.87	164	175754	46.728	ug/l	100
65) Chlorobenzene	11.67	112	470348	47.226	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	184597	47.146	ug/l	100
67) Ethyl Benzene	11.74	91	821890	48.086	ug/l	100
68) m/p-Xylenes	11.86	106	646582	97.272	ug/l	100
69) o-Xylene	12.18	106	293480	49.068	ug/l	100
70) Styrene	12.20	104	518571	49.217	ug/l	100
71) Bromoform	12.36	173	108908	47.276	ug/l	100
73) Isopropylbenzene	12.48	105	822217	49.367	ug/l	100
74) N-amyl acetate	12.29	43	185272	51.707	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	133244	46.132	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	176445	86.122	ug/l #	100
77) Bromobenzene	12.77	156	208577	48.232	ug/l	100
78) n-propylbenzene	12.82	91	948654	48.761	ug/l	100
79) 2-Chlorotoluene	12.91	91	544952	48.846	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	693839	49.731	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	46268	49.446	ug/l	100
82) 4-Chlorotoluene	13.01	91	574725	48.633	ug/l	100
83) tert-Butylbenzene	13.23	119	614436	50.311	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	695686	49.582	ug/l	100
85) sec-Butylbenzene	13.41	105	820454	49.543	ug/l	100
86) p-Isopropyltoluene	13.52	119	765817	49.168	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	385631	46.869	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	387988	47.463	ug/l	100
89) n-Butylbenzene	13.85	91	693757	50.222	ug/l	100
90) Hexachloroethane	14.12	117	147305	47.336	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	342199	47.159	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	22550	45.870	ug/l	100

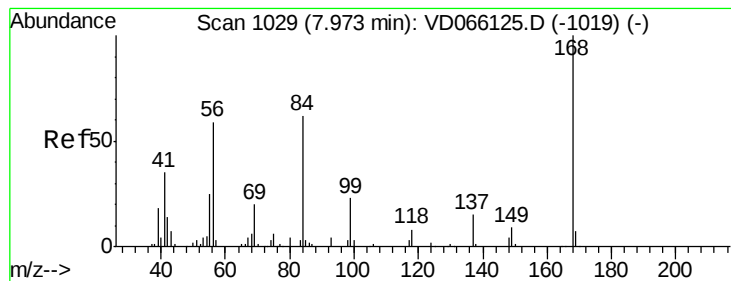
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD080520\
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:31:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	258923	49.719	ug/l	100
94) Hexachlorobutadiene	15.27	225	149085	48.209	ug/l	100
95) Naphthalene	15.41	128	435767	53.040	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	229315	49.725	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

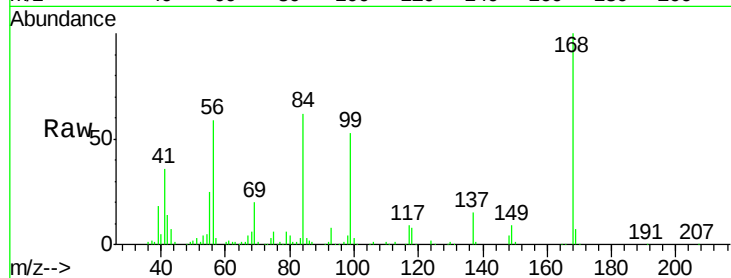
VSTDICCC050

Tgt Ion:168 Resp: 362030

Ion Ratio Lower Upper

168 100

99 52.8 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

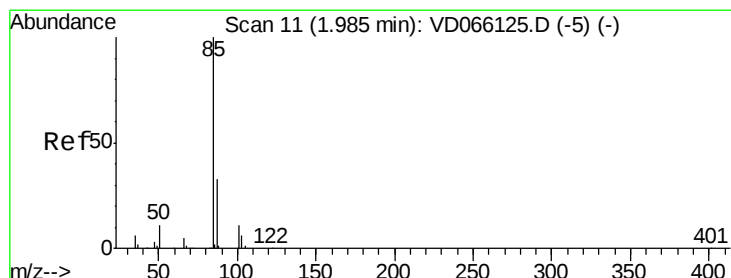
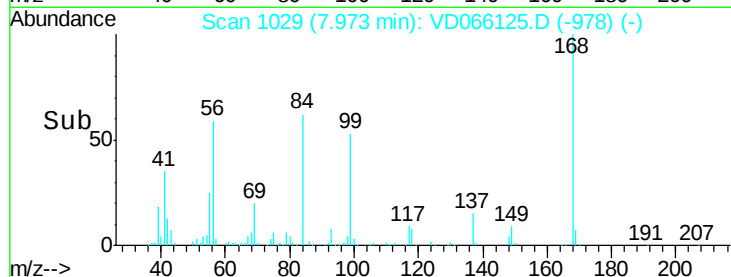
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 41.797 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066125.D

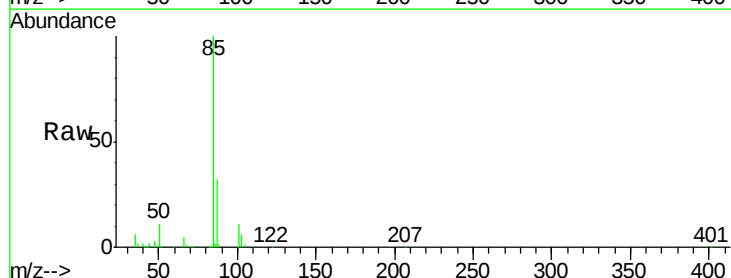
Acq: 05 Aug 2020 11:58

Tgt Ion: 85 Resp: 140646

Ion Ratio Lower Upper

85 100

87 32.5 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

120000

100000

80000

60000

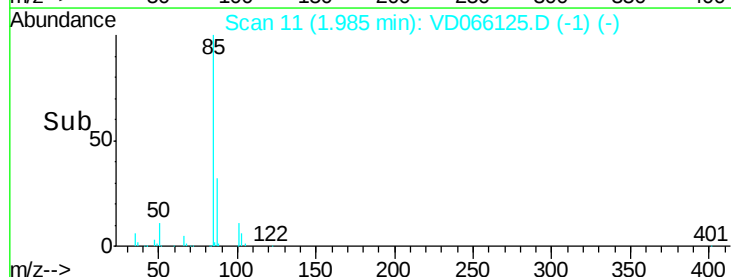
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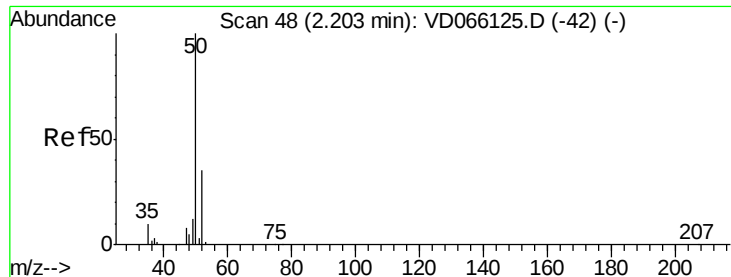
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 40.708 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

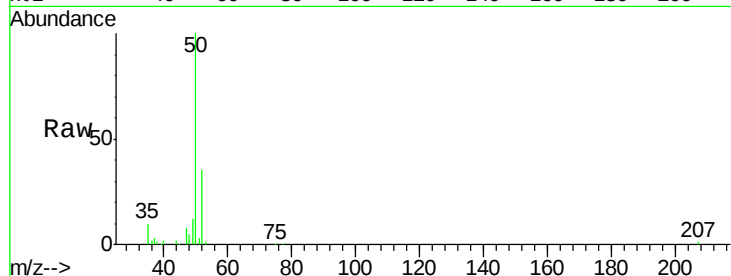
VSTDICCC050

Tgt Ion: 50 Resp: 107789

Ion Ratio Lower Upper

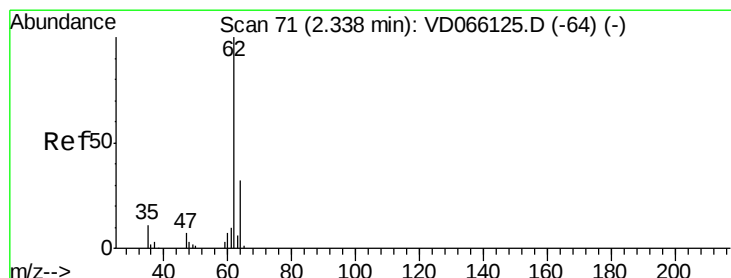
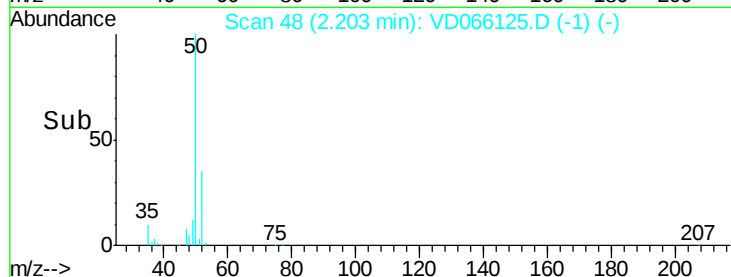
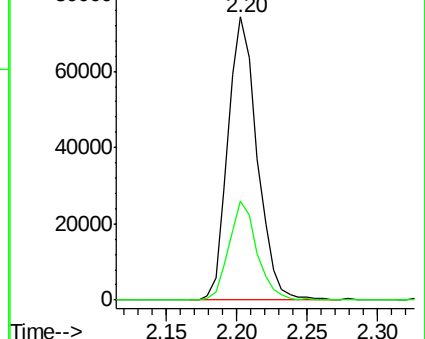
50 100

52 34.9 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: 43.929 ug/l

RT: 2.34 min Scan# 71

Delta R.T. 0.00 min

Lab File: VD066125.D

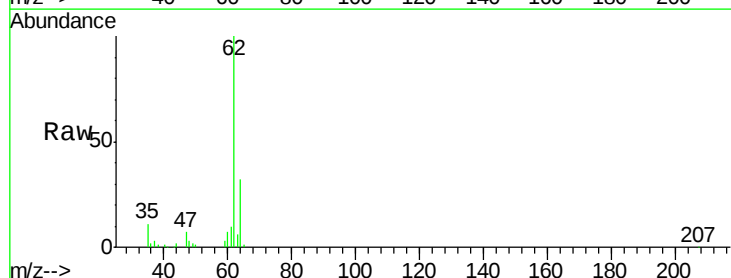
Acq: 05 Aug 2020 11:58

Tgt Ion: 62 Resp: 99554

Ion Ratio Lower Upper

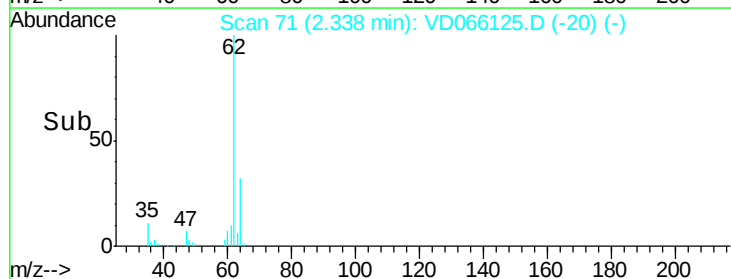
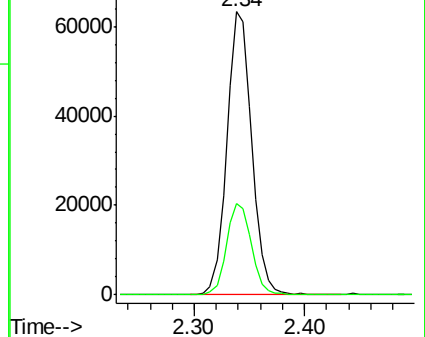
62 100

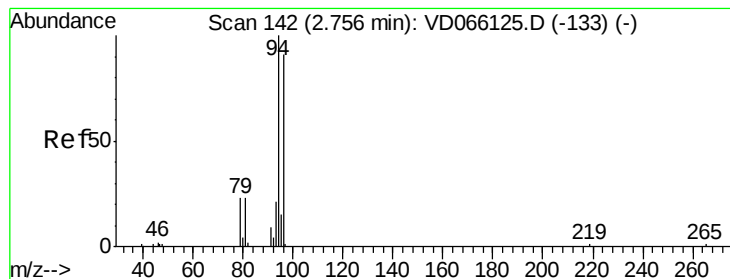
64 32.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 44.502 ug/l

RT: 2.76 min Scan# 142

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

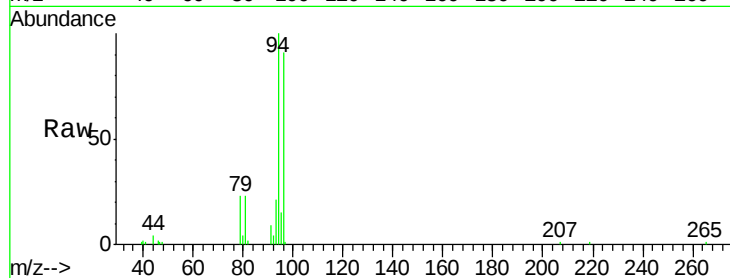
VSTDICCC050

Tgt Ion: 94 Resp: 68963

Ion Ratio Lower Upper

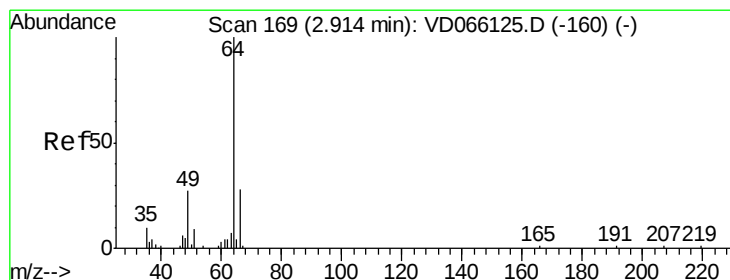
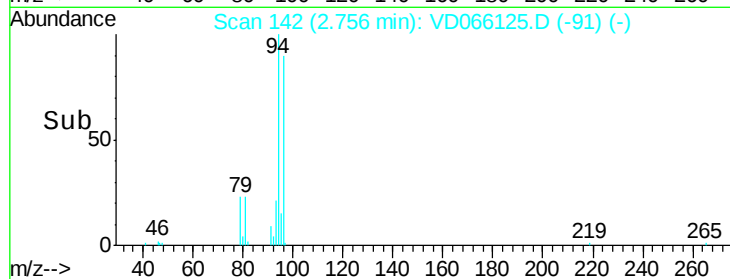
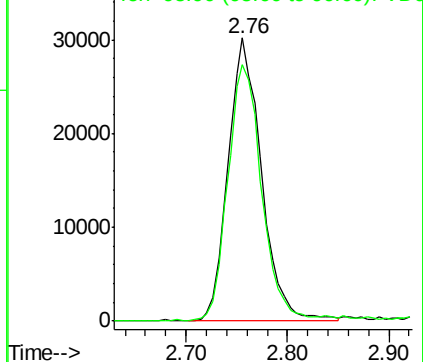
94 100

96 90.8 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 43.287 ug/l

RT: 2.91 min Scan# 169

Delta R.T. 0.00 min

Lab File: VD066125.D

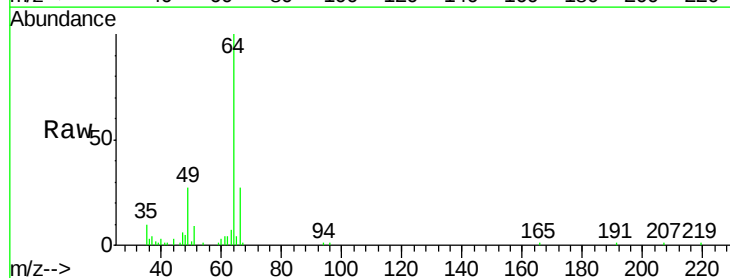
Acq: 05 Aug 2020 11:58

Tgt Ion: 64 Resp: 61107

Ion Ratio Lower Upper

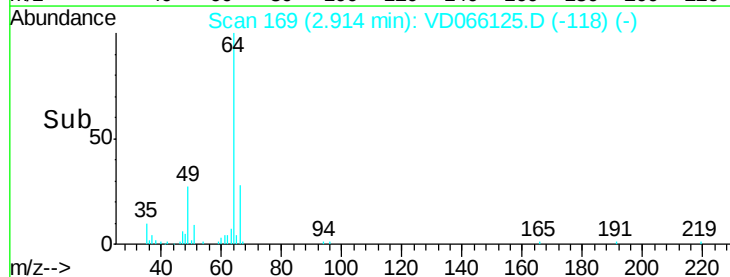
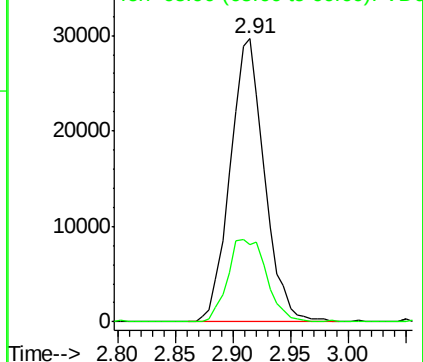
64 100

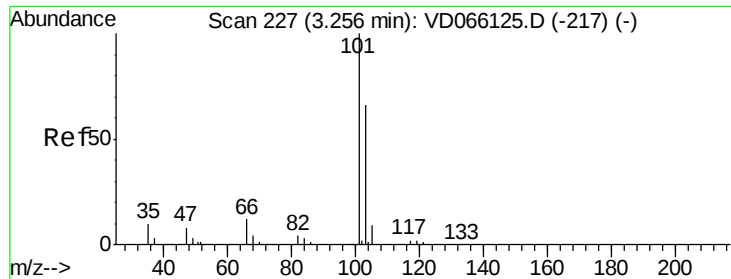
66 27.5 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



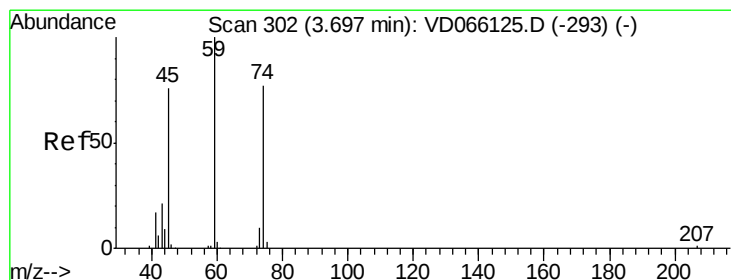
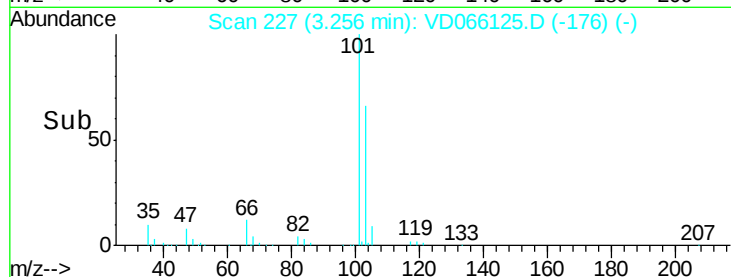
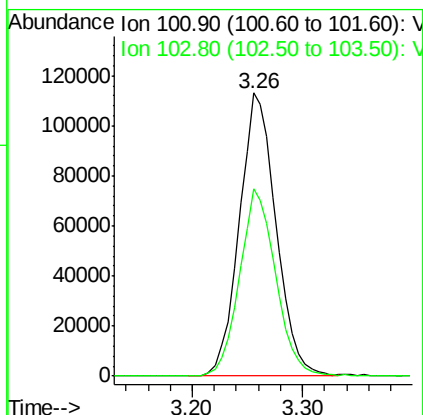
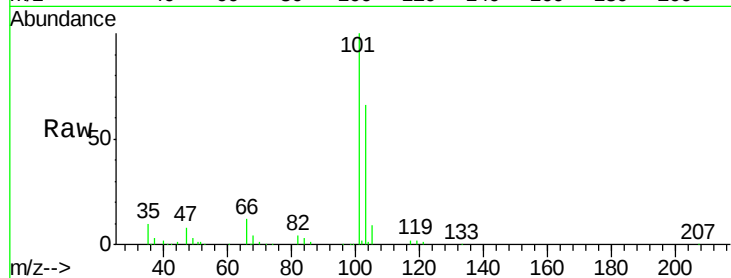


#7

Trichlorofluoromethane
Concen: 44.751 ug/l
RT: 3.26 min Scan# 227
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Instrument :
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ClientSampleId :
VSTDICCC050

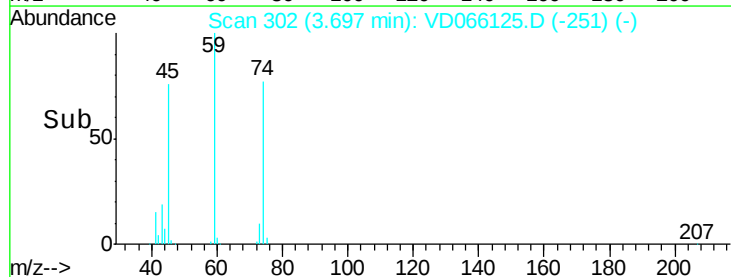
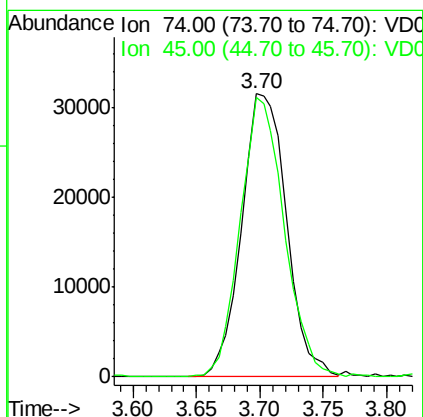
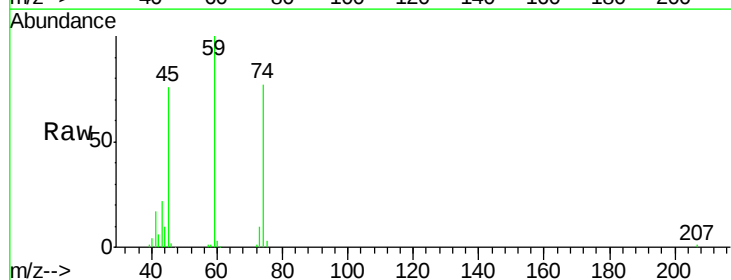
Tgt Ion:101 Resp: 264177
Ion Ratio Lower Upper
101 100
103 66.3 53.0 79.6

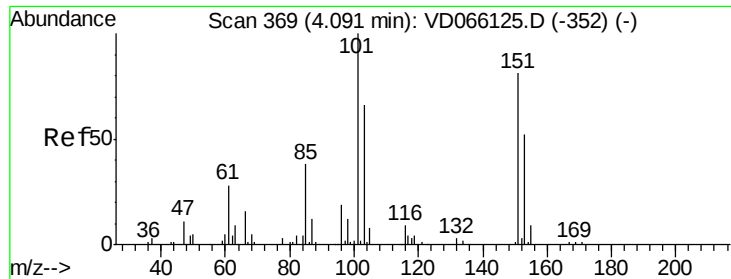


#8

Diethyl Ether
Concen: 48.222 ug/l
RT: 3.70 min Scan# 302
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Tgt Ion: 74 Resp: 77685
Ion Ratio Lower Upper
74 100
45 96.8 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.065 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

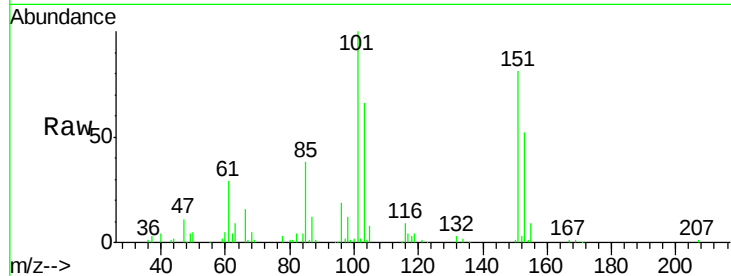
Tgt Ion:101 Resp: 160807

Ion Ratio Lower Upper

101 100

85 41.9 33.5 50.3

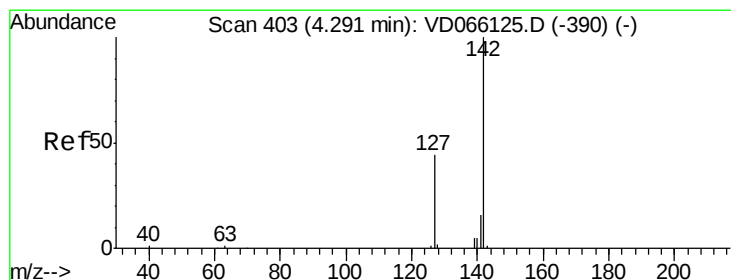
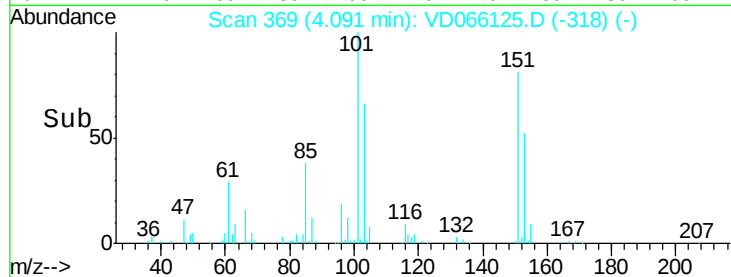
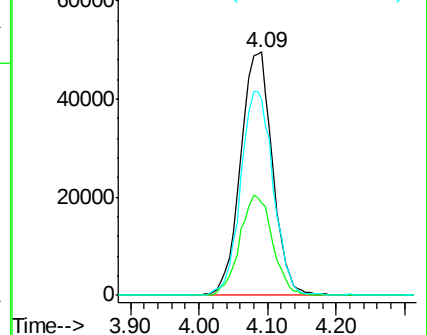
151 84.8 67.8 101.8



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: 61.008 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

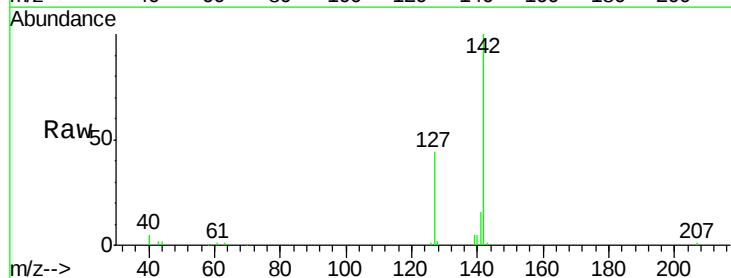
Tgt Ion:142 Resp: 130770

Ion Ratio Lower Upper

142 100

127 45.3 36.2 54.4

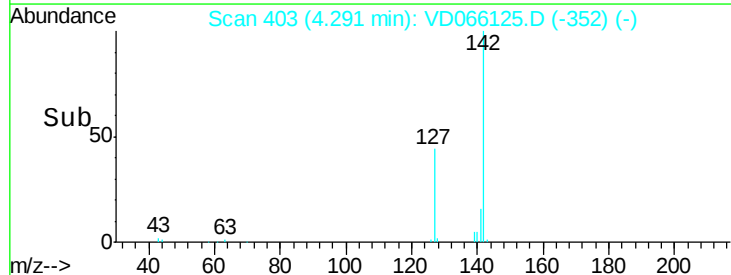
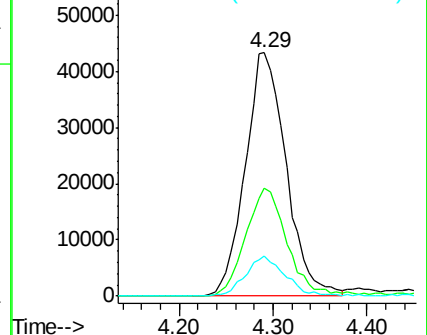
141 15.7 12.6 18.8

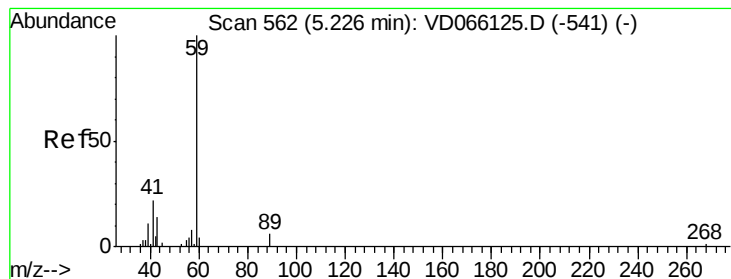


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 147.995 ug/l

RT: 5.23 min Scan# 562

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

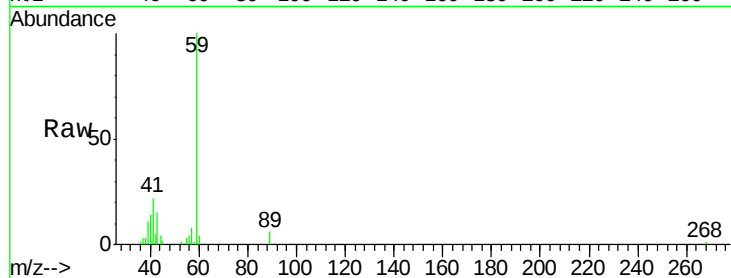
VSTDICCC050

Tgt Ion: 59 Resp: 56991

Ion Ratio Lower Upper

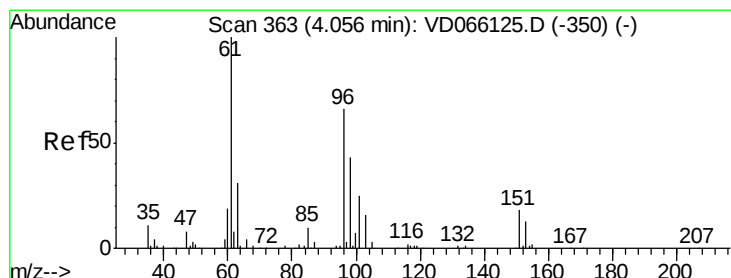
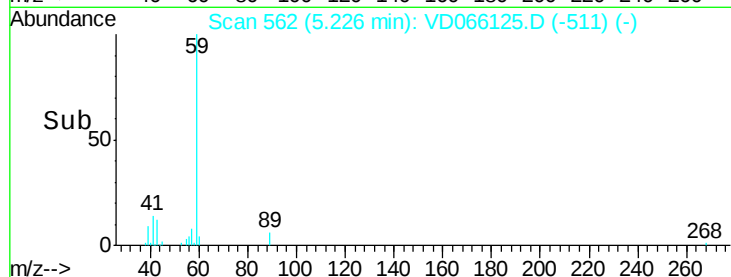
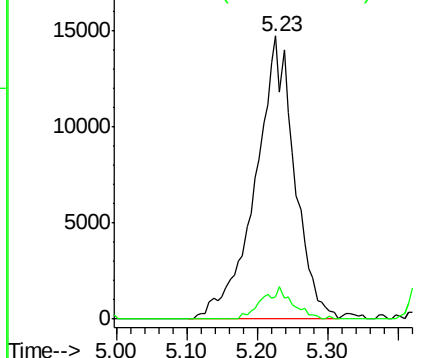
59 100

57 8.7 7.0 10.4



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 46.389 ug/l

RT: 4.06 min Scan# 363

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

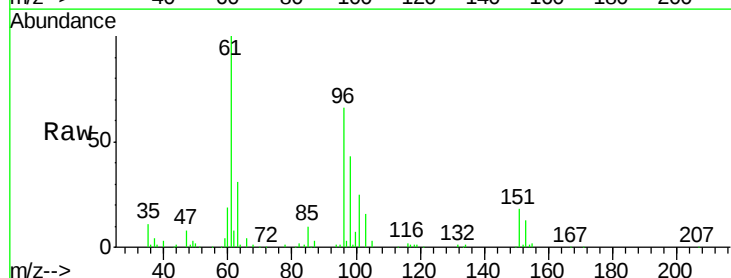
Tgt Ion: 96 Resp: 151988

Ion Ratio Lower Upper

96 100

61 152.0 121.6 182.4

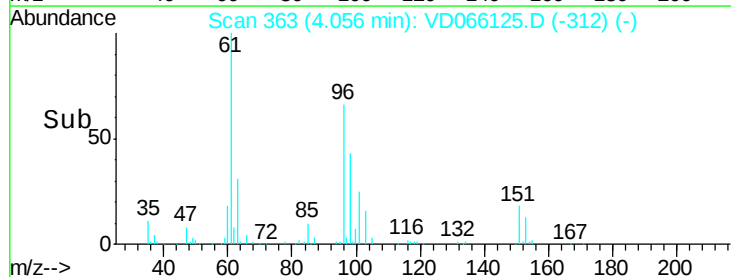
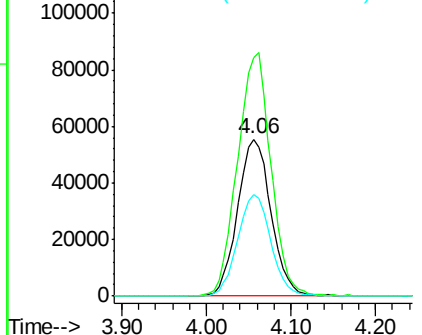
98 65.0 52.0 78.0

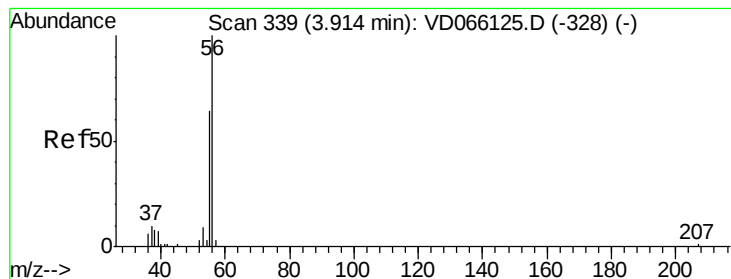


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 220.829 ug/l

RT: 3.91 min Scan# 339

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

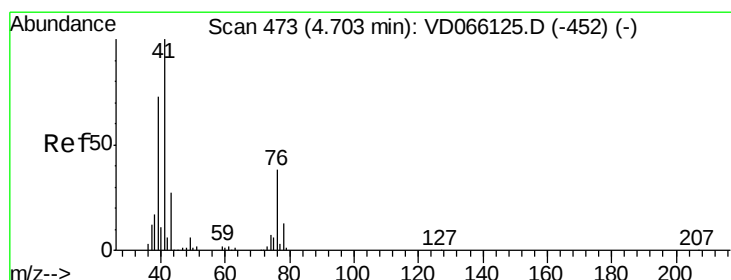
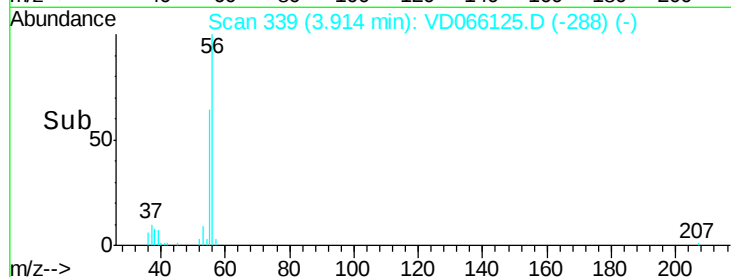
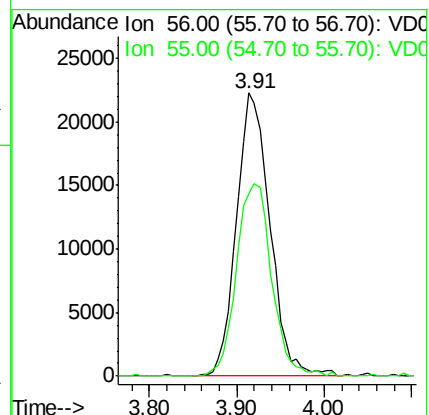
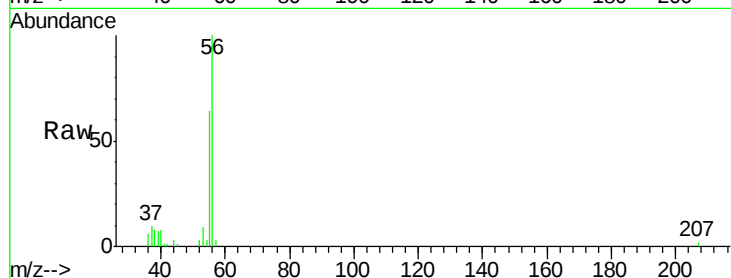
VSTDICCC050

Tgt Ion: 56 Resp: 57768

Ion Ratio Lower Upper

56 100

55 70.9 56.7 85.1



#14

Allyl chloride

Concen: 47.737 ug/l

RT: 4.70 min Scan# 473

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

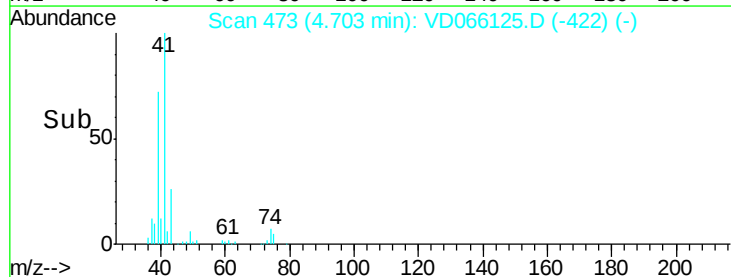
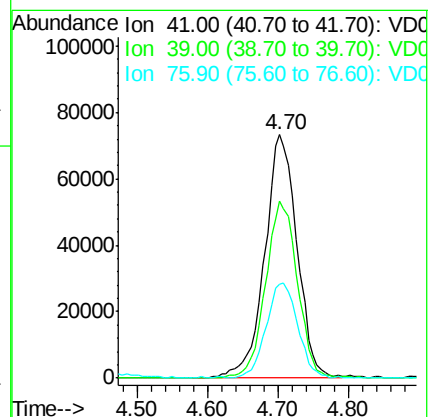
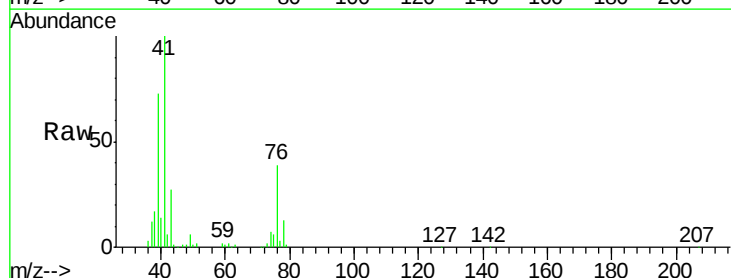
Tgt Ion: 41 Resp: 234743

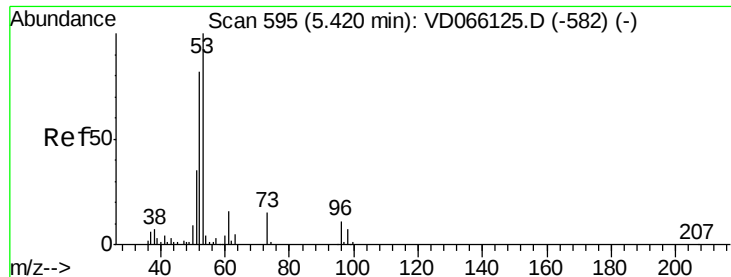
Ion Ratio Lower Upper

41 100

39 71.7 57.4 86.0

76 37.6 30.1 45.1





#15

Acrylonitrile

Concen: 243.677 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

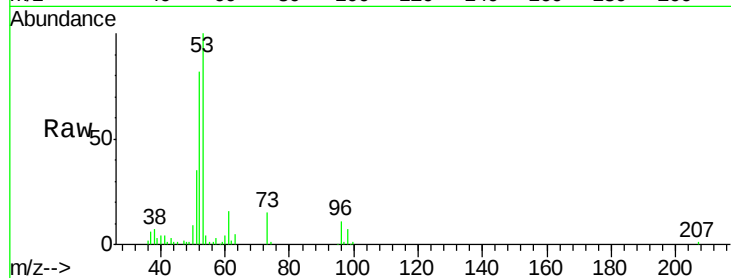
Tgt Ion: 53 Resp: 165061

Ion Ratio Lower Upper

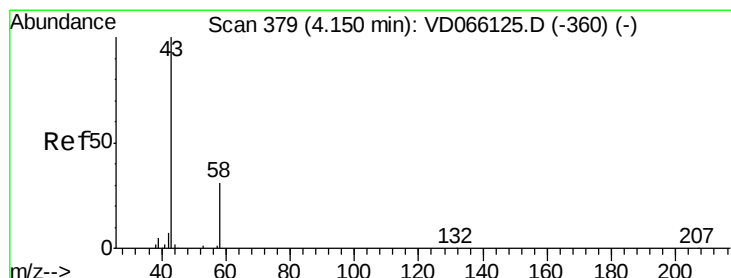
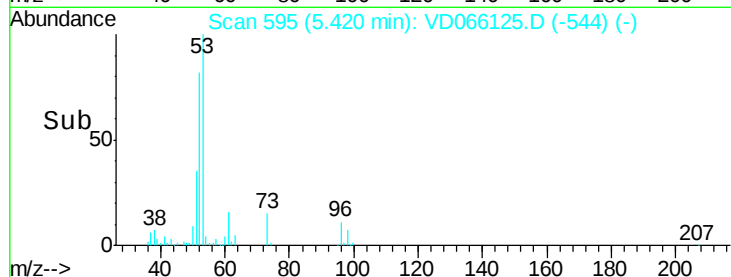
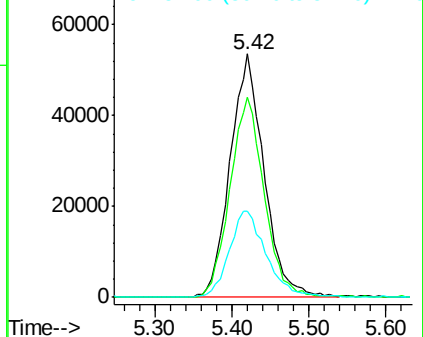
53 100

52 82.6 66.1 99.1

51 38.5 30.8 46.2



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



#16

Acetone

Concen: 248.424 ug/l

RT: 4.15 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD066125.D

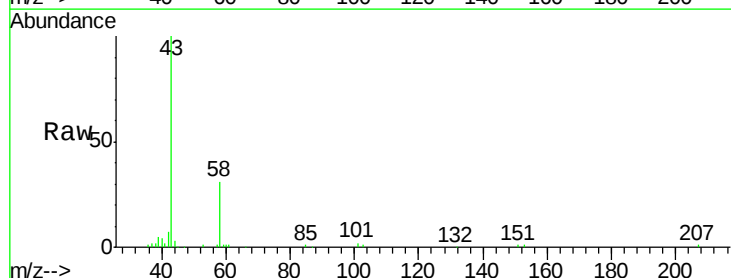
Acq: 05 Aug 2020 11:58

Tgt Ion: 43 Resp: 154604

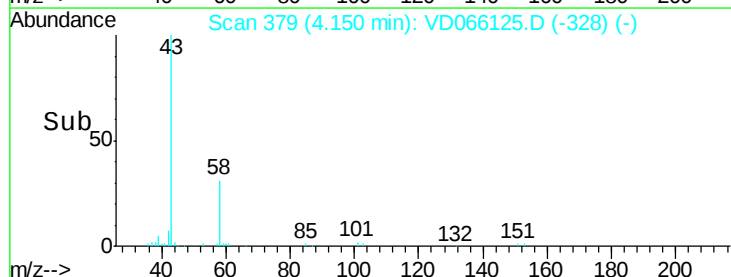
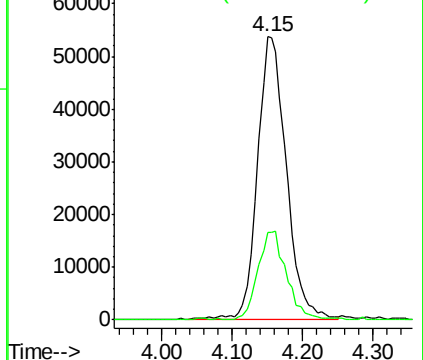
Ion Ratio Lower Upper

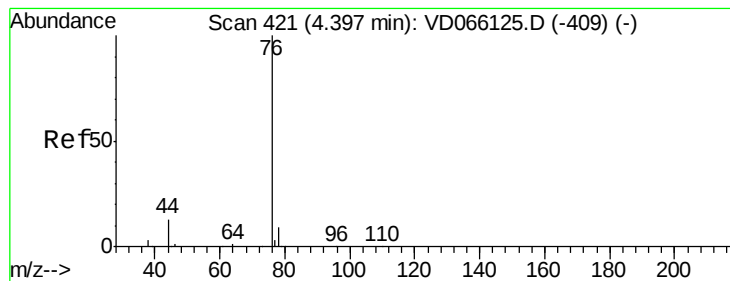
43 100

58 30.9 24.7 37.1



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





#17

Carbon Disulfide

Concen: 46.155 ug/l

RT: 4.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

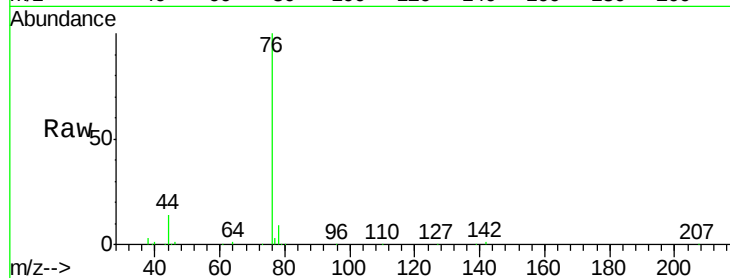
VSTDICCC050

Tgt Ion: 76 Resp: 481408

Ion Ratio Lower Upper

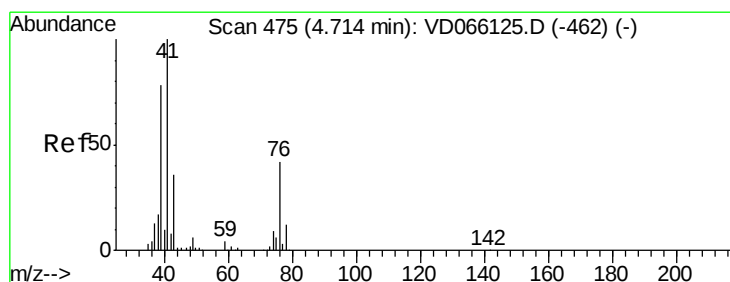
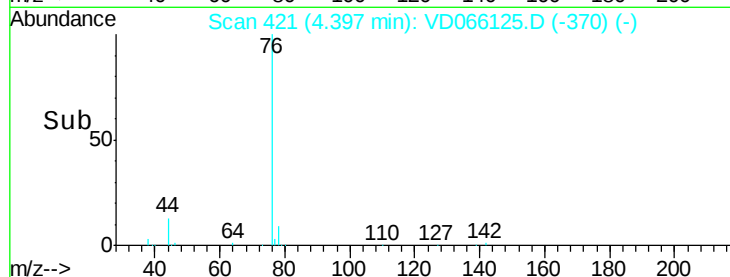
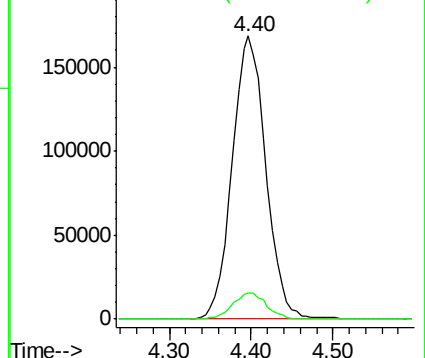
76 100

78 9.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 44.004 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066125.D

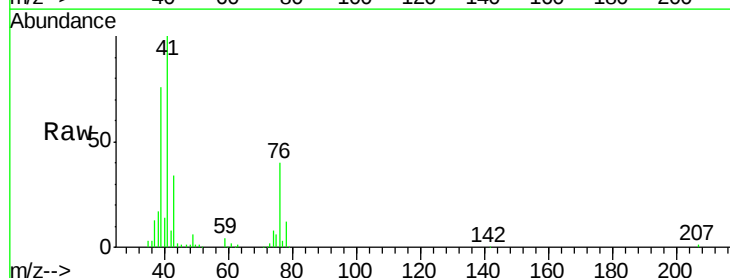
Acq: 05 Aug 2020 11:58

Tgt Ion: 43 Resp: 70238

Ion Ratio Lower Upper

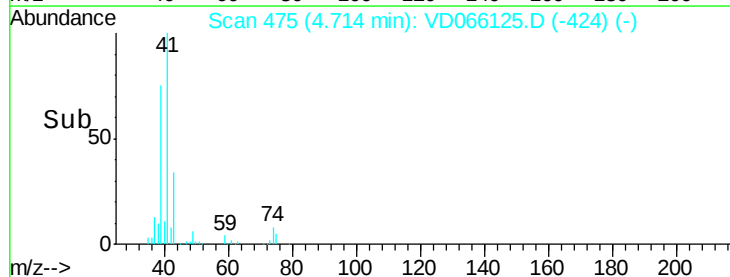
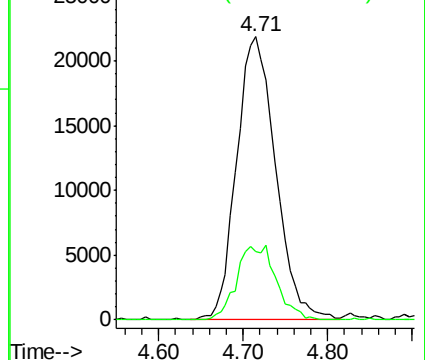
43 100

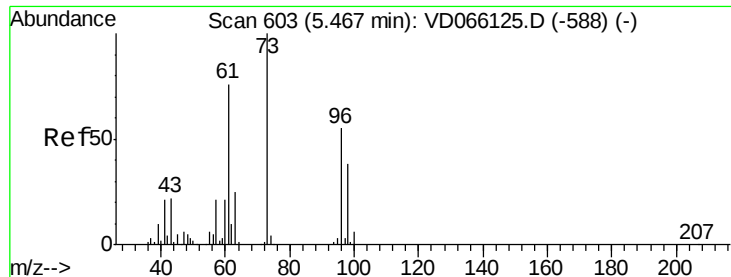
74 26.5 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

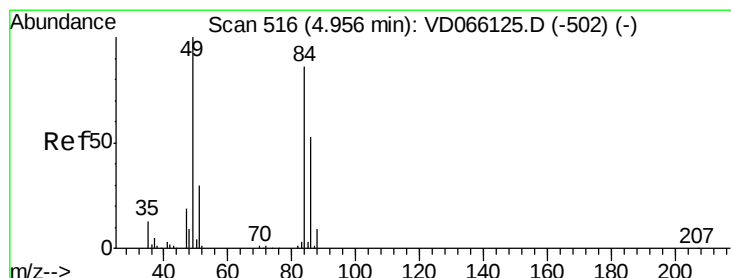
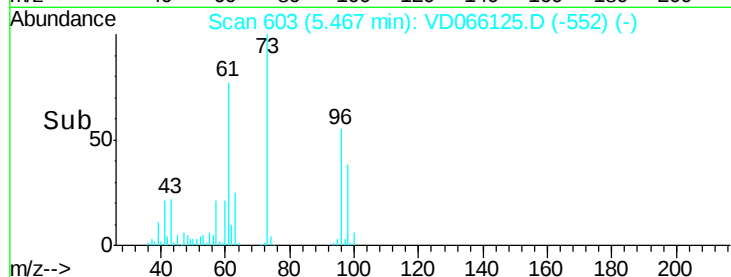
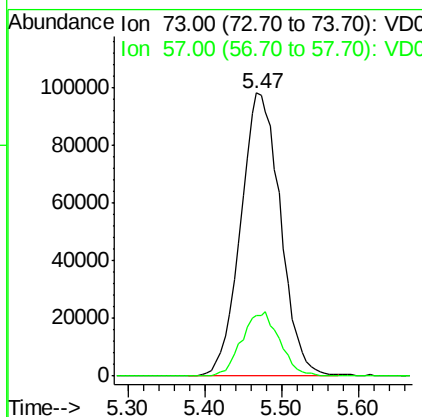
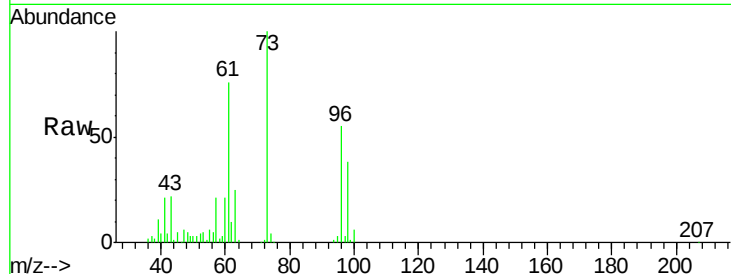




#19
Methyl tert-butyl Ether
Concen: 48.292 ug/l
RT: 5.47 min Scan# 603
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

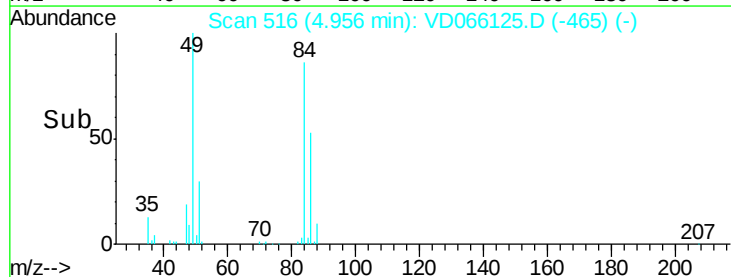
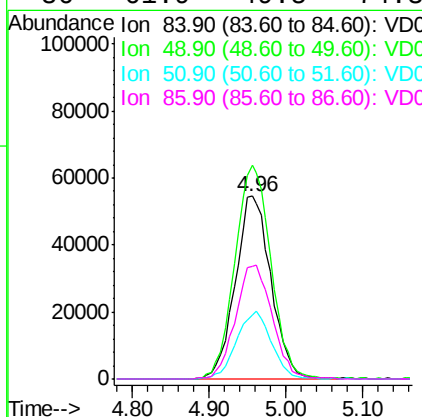
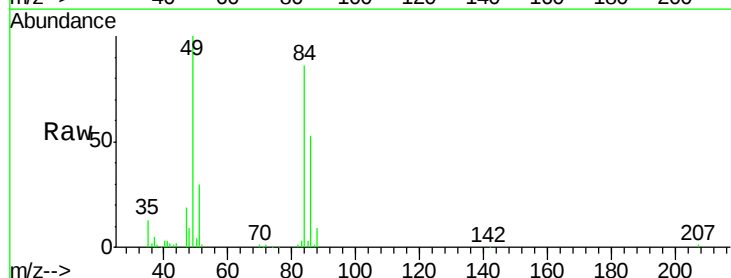
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

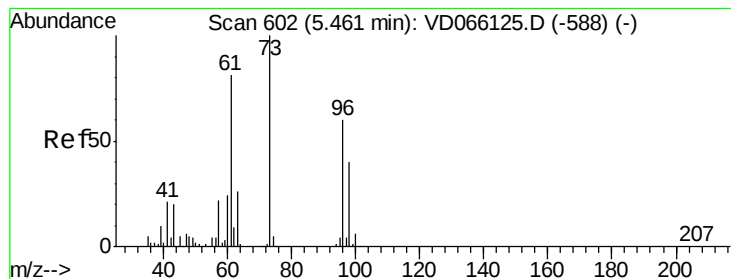
Tgt Ion: 73 Resp: 354462
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7



#20
Methylene Chloride
Concen: 38.451 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Tgt Ion: 84 Resp: 176498
Ion Ratio Lower Upper
84 100
49 116.9 93.5 140.3
51 35.3 28.2 42.4
86 61.9 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 46.240 ug/l

RT: 5.46 min Scan# 602

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

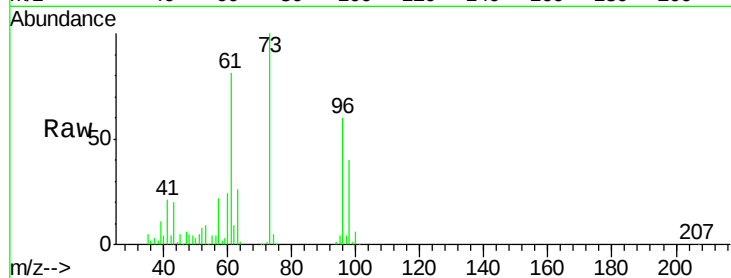
Tgt Ion: 96 Resp: 174383

Ion Ratio Lower Upper

96 100

61 133.6 106.9 160.3

98 66.7 53.4 80.0

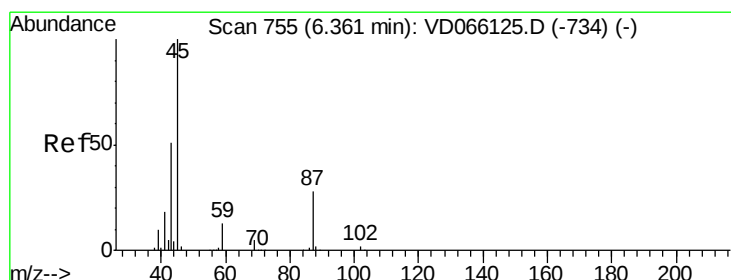
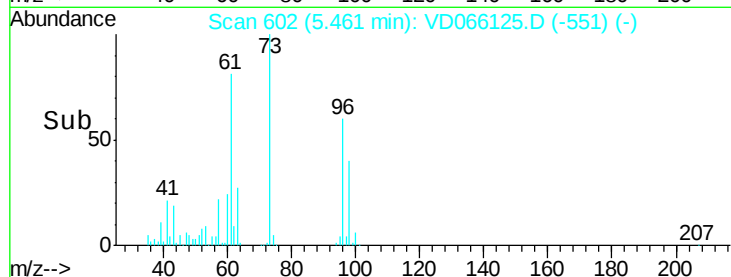
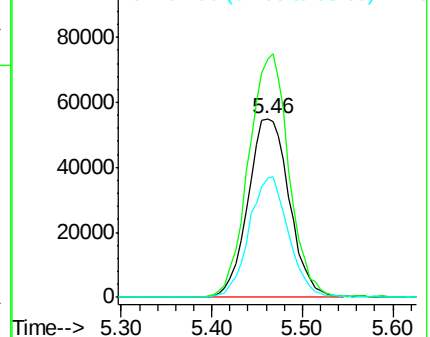


Abundance

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: 48.082 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Tgt Ion: 45 Resp: 467271

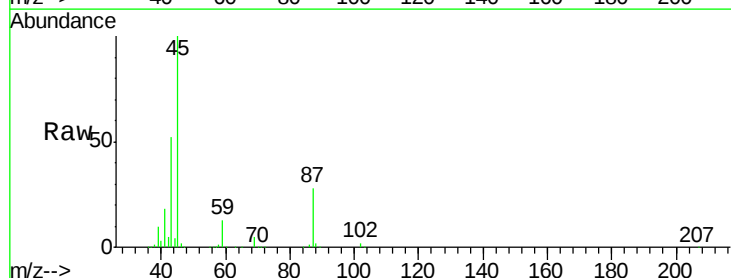
Ion Ratio Lower Upper

45 100

43 51.5 41.2 61.8

87 28.5 22.8 34.2

59 12.7 10.2 15.2



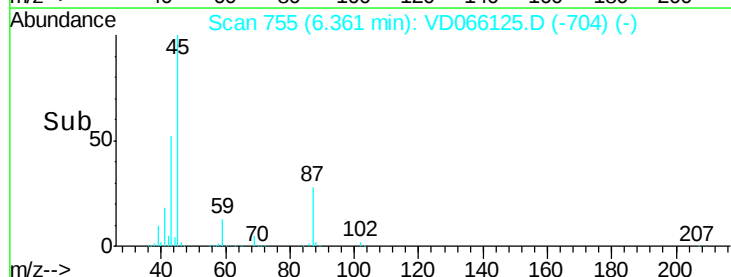
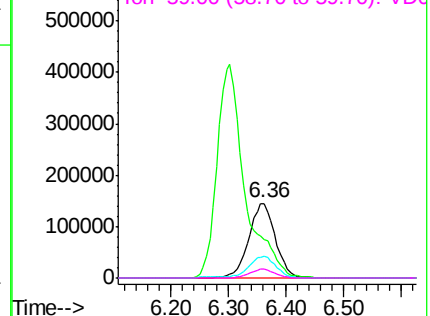
Abundance

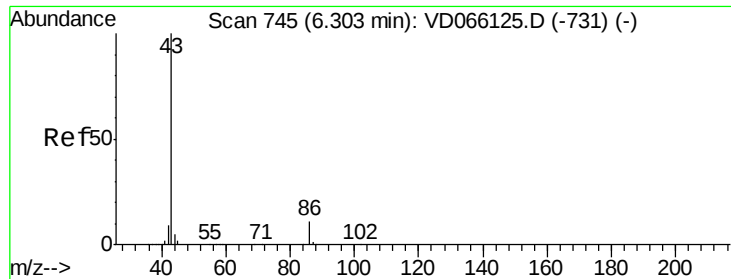
Ion 45.00 (44.70 to 45.70): VDC

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: 248.666 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

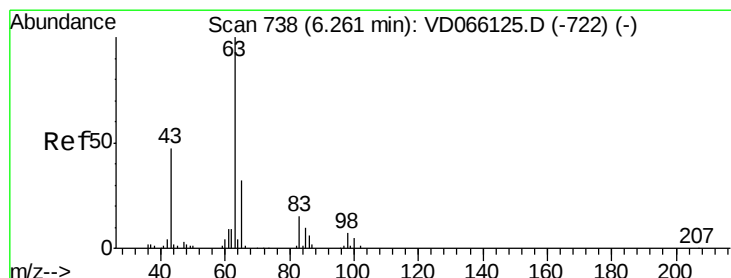
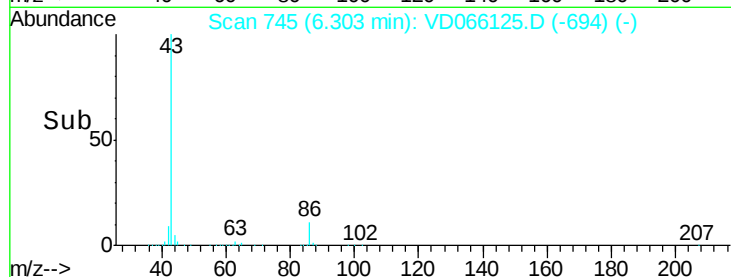
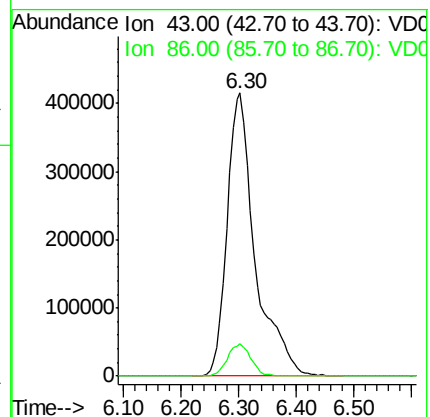
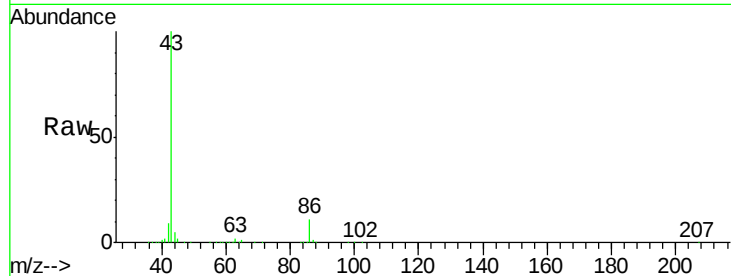
VSTDICCC050

Tgt Ion: 43 Resp: 1398526

Ion Ratio Lower Upper

43 100

86 11.4 9.1 13.7



#24

1,1-Dichloroethane

Concen: 46.761 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

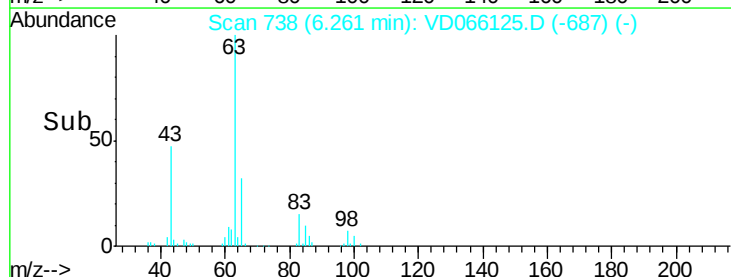
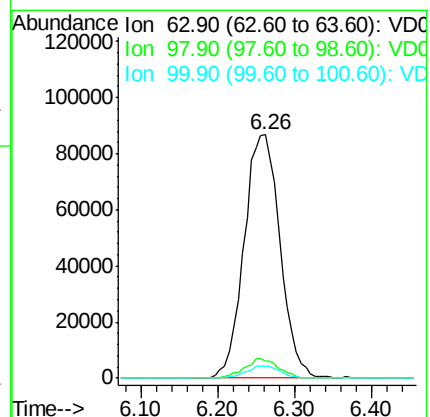
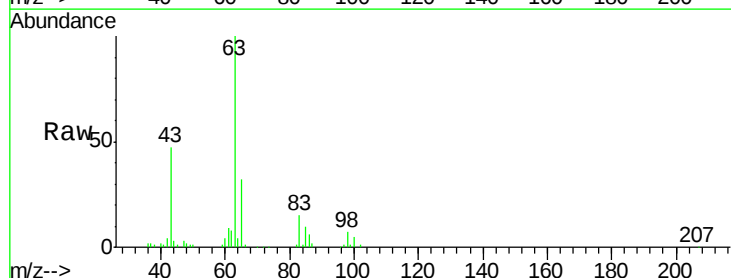
Tgt Ion: 63 Resp: 283497

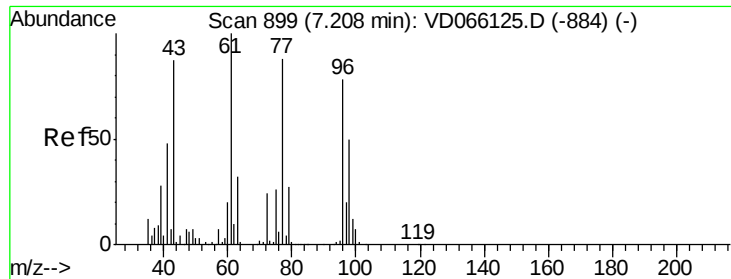
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 231.709 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

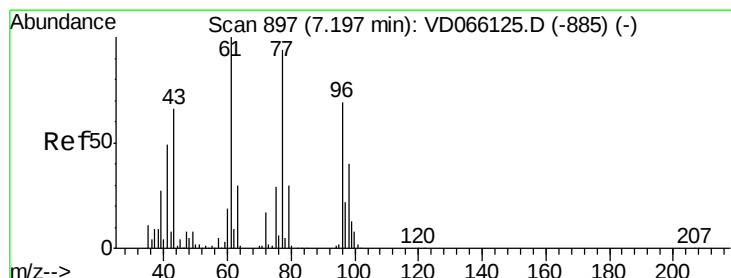
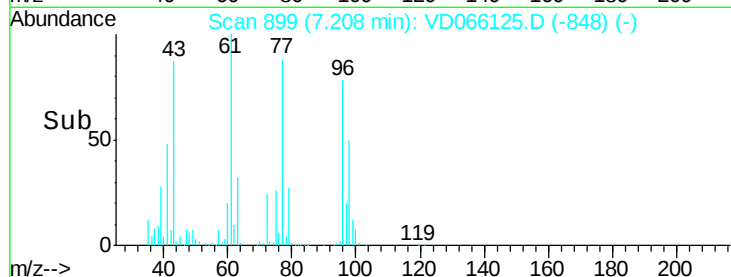
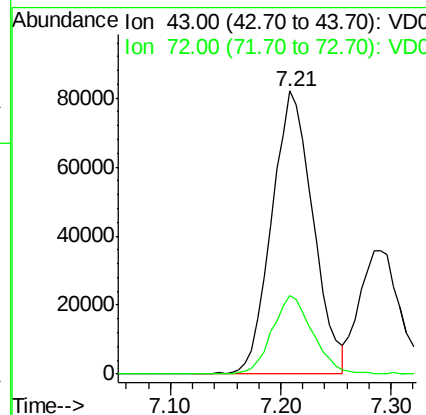
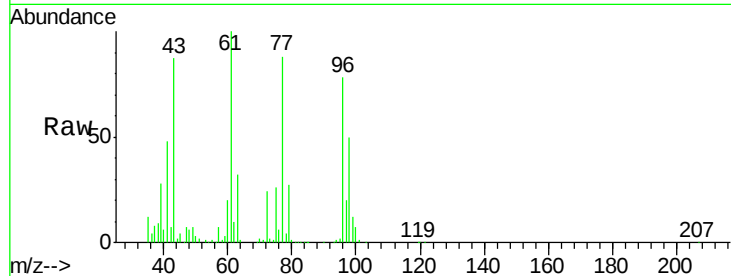
VSTDICCC050

Tgt Ion: 43 Resp: 213339

Ion Ratio Lower Upper

43 100

72 27.7 22.2 33.2



#26

2,2-Dichloropropane

Concen: 44.983 ug/l

RT: 7.20 min Scan# 897

Delta R.T. 0.00 min

Lab File: VD066125.D

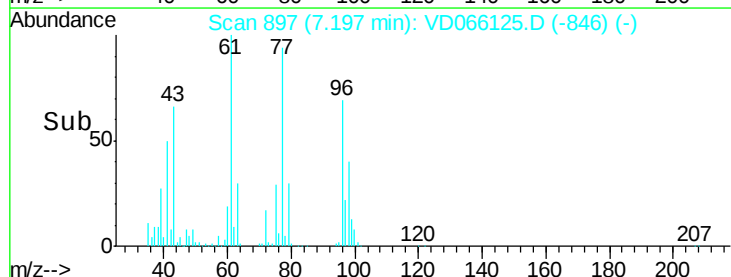
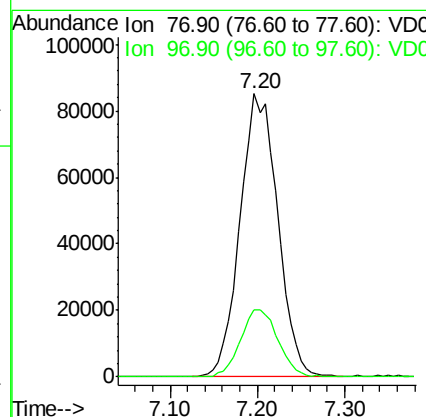
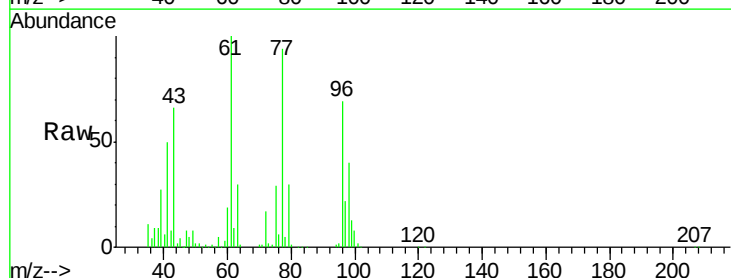
Acq: 05 Aug 2020 11:58

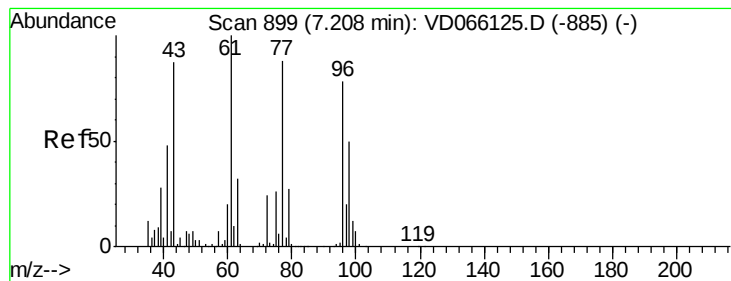
Tgt Ion: 77 Resp: 249655

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3



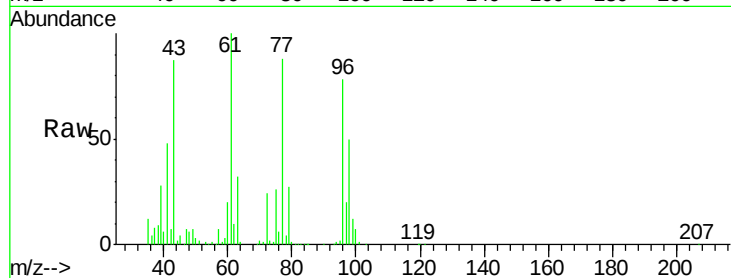


#27

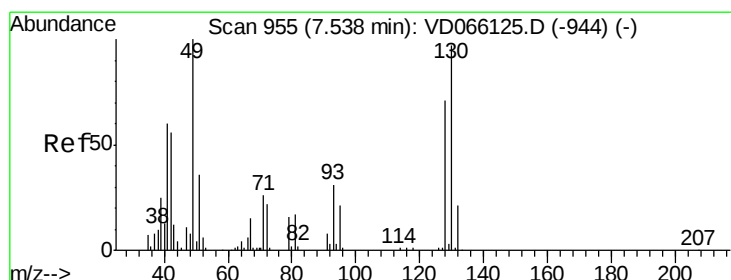
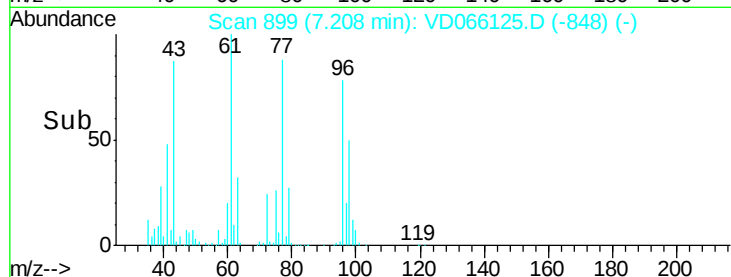
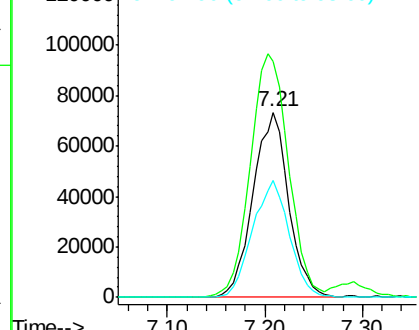
cis-1,2-Dichloroethene
Concen: 47.924 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 187038
Ion Ratio Lower Upper
96 100
61 140.8 0.0 281.6
98 65.4 0.0 130.8



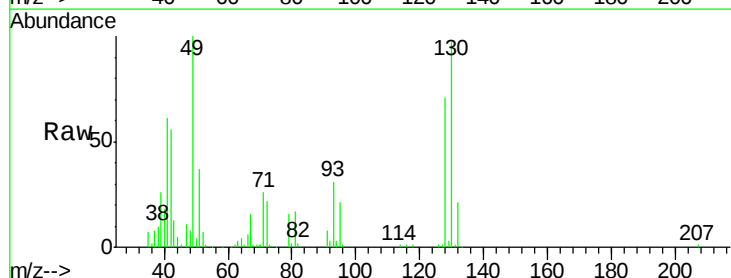
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



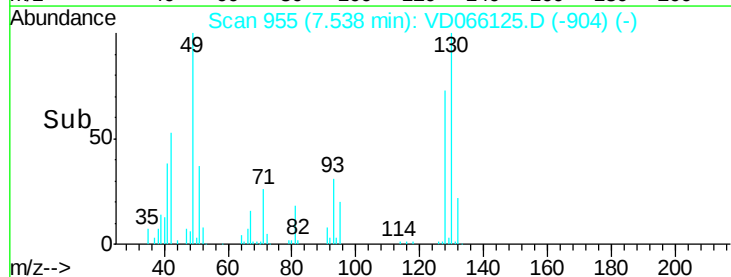
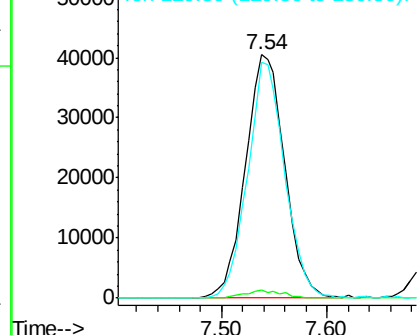
#28

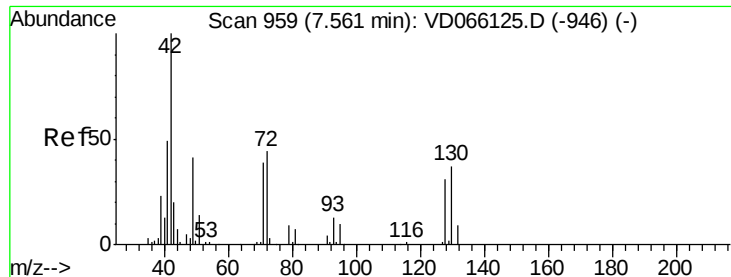
Bromochloromethane
Concen: 49.178 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Tgt Ion: 49 Resp: 104199
Ion Ratio Lower Upper
49 100
129 3.0 0.0 6.0
130 92.2 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

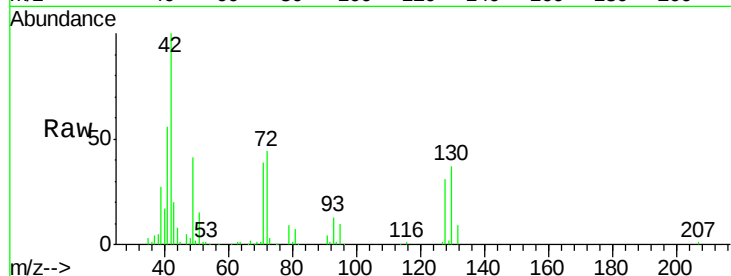




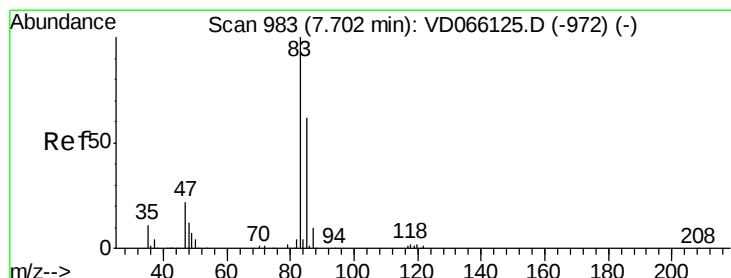
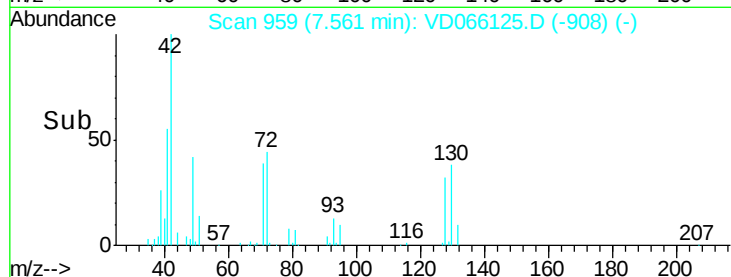
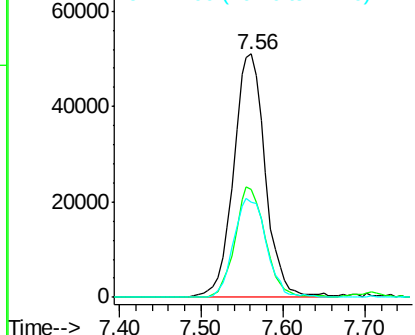
#29
Tetrahydrofuran
Concen: 246.466 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 137932
Ion Ratio Lower Upper
42 100
72 43.5 34.8 52.2
71 41.9 33.5 50.3

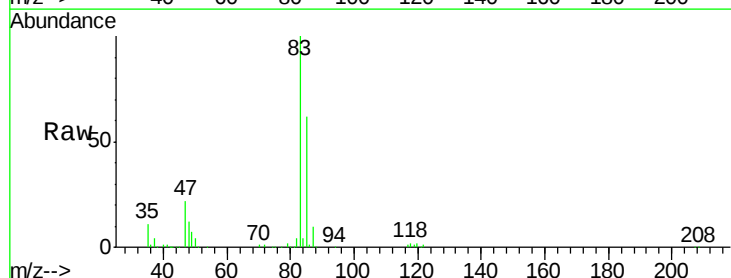


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

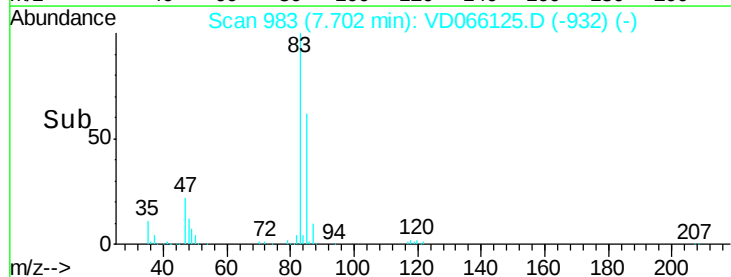
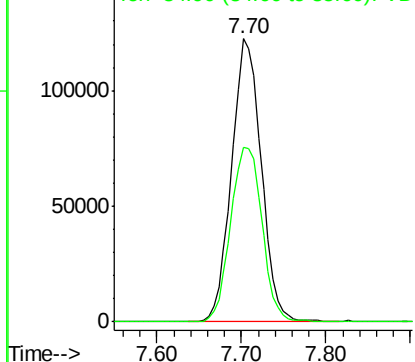


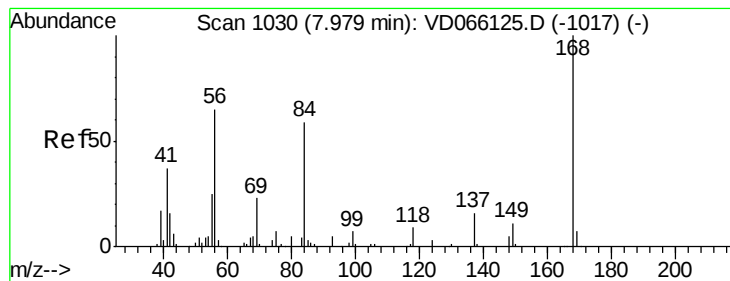
#30
Chloroform
Concen: 46.610 ug/l
RT: 7.70 min Scan# 983
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Tgt Ion: 83 Resp: 297410
Ion Ratio Lower Upper
83 100
85 61.9 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: 43.290 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

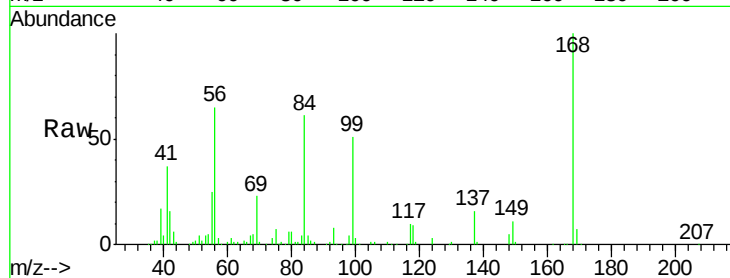
Tgt Ion: 56 Resp: 255907

Ion Ratio Lower Upper

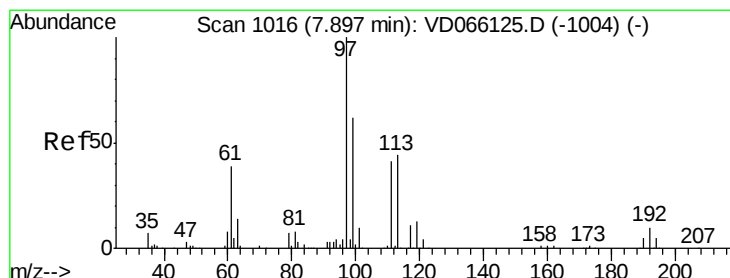
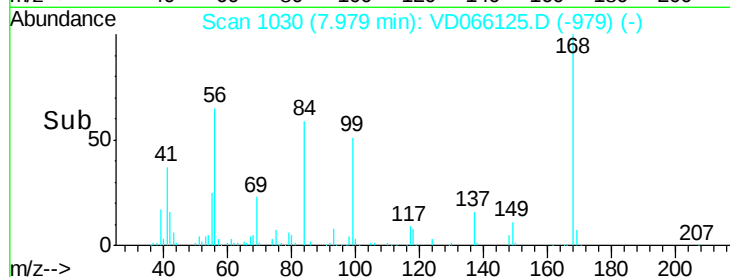
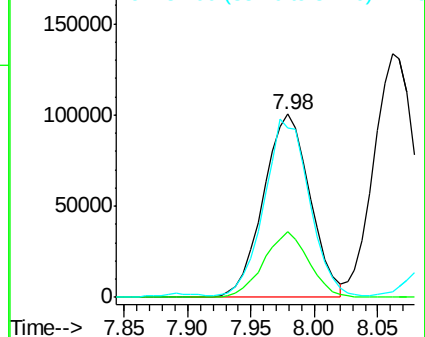
56 100

69 36.0 28.8 43.2

84 91.3 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: 47.116 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

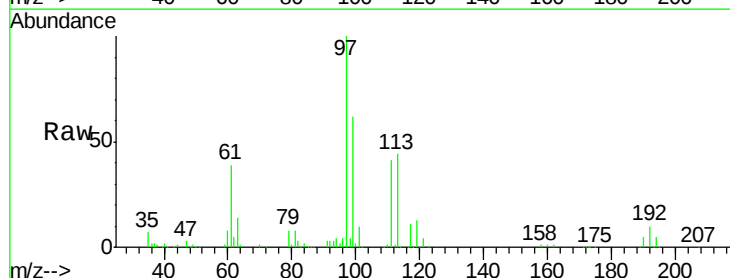
Tgt Ion: 97 Resp: 281312

Ion Ratio Lower Upper

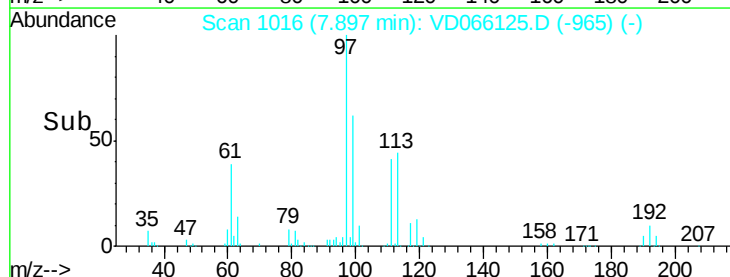
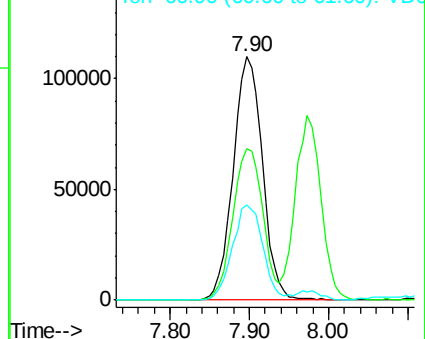
97 100

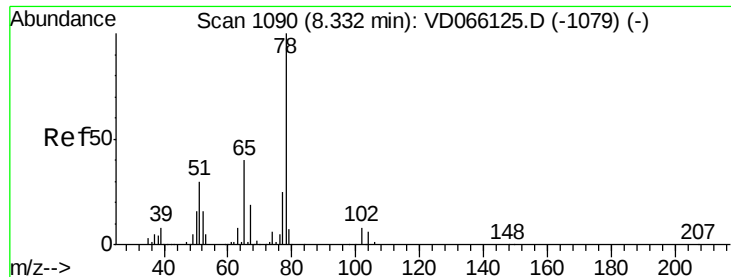
99 63.9 51.1 76.7

61 40.9 32.7 49.1



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





#33

1,2-Dichloroethane-d4

Concen: 50.130 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

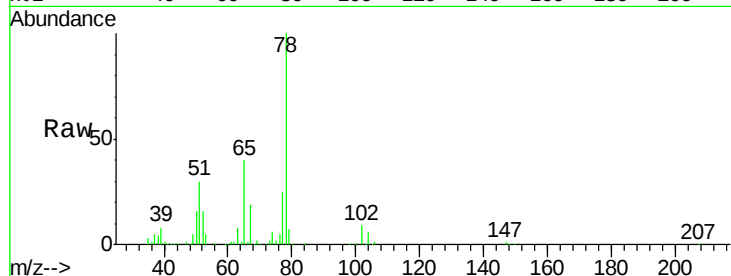
VSTDICCC050

Tgt Ion: 65 Resp: 162248

Ion Ratio Lower Upper

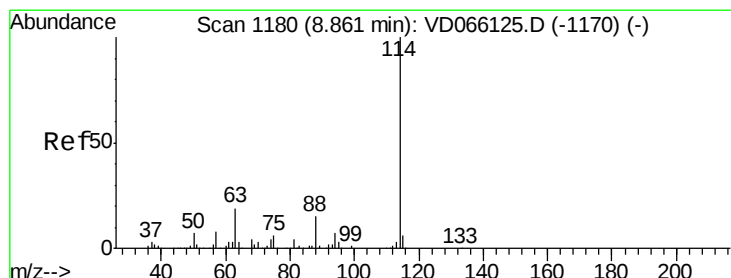
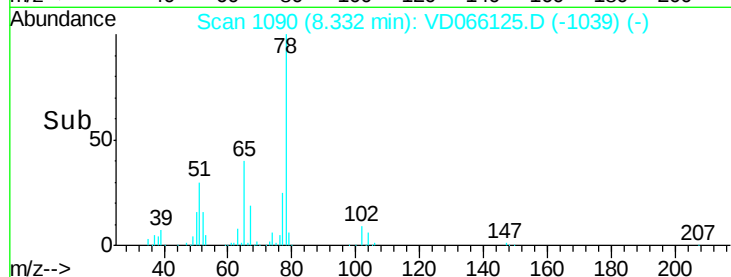
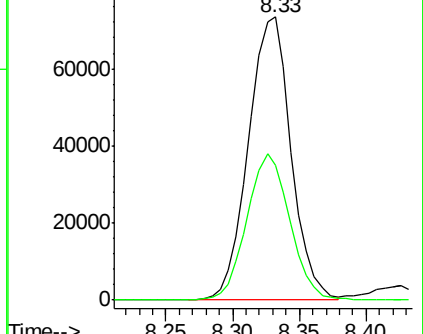
65 100

67 52.3 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# 1180

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

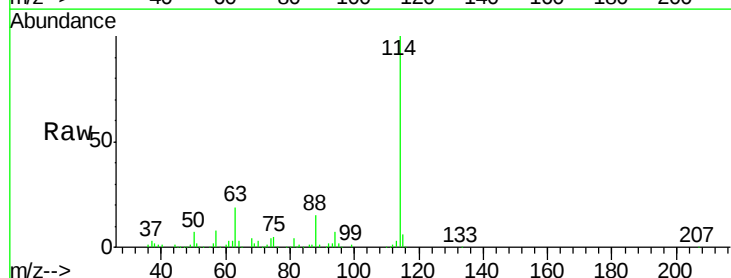
Tgt Ion: 114 Resp: 517323

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

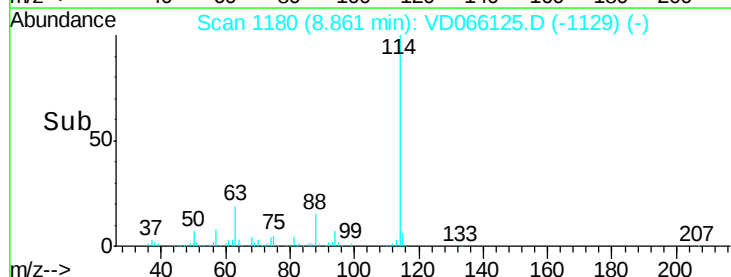
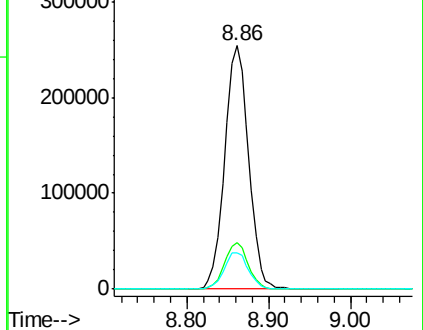
88 15.0 0.0 30.0

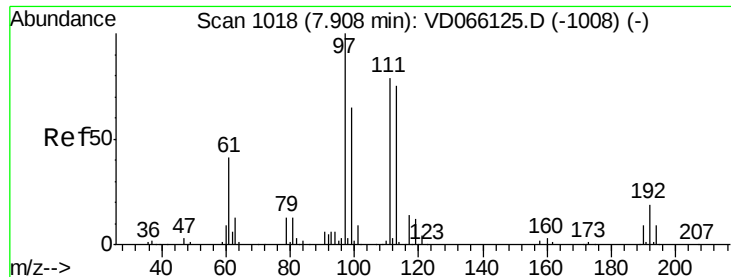


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

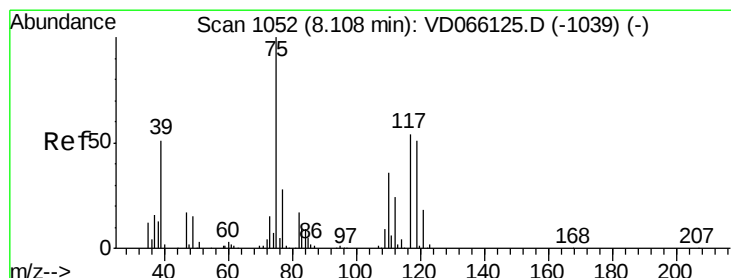
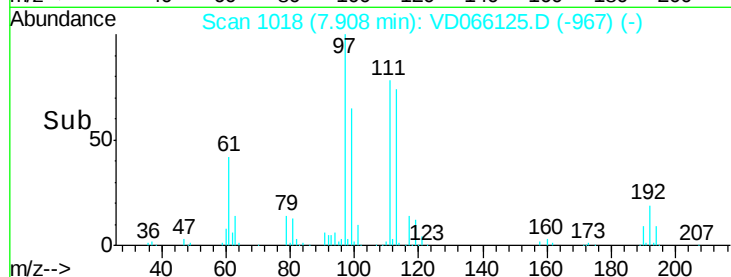
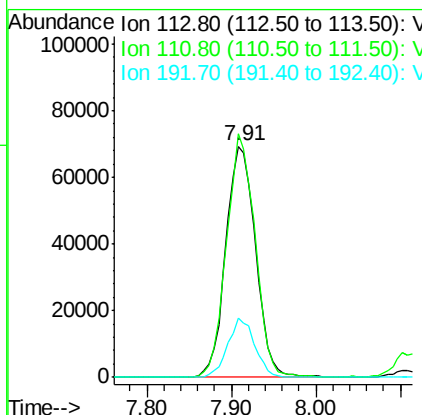
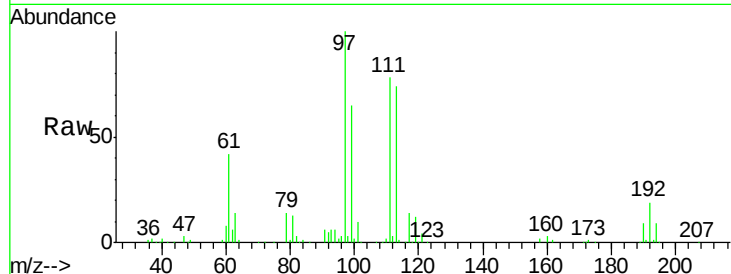




#35
 Dibromofluoromethane
 Concen: 51.020 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

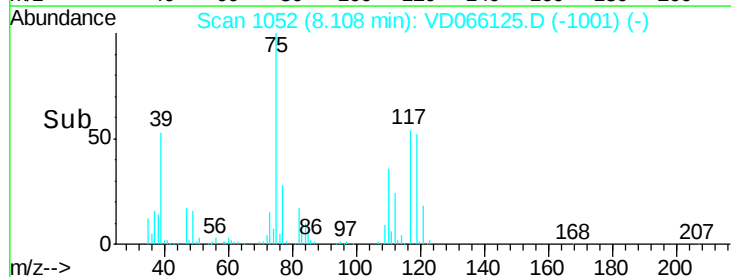
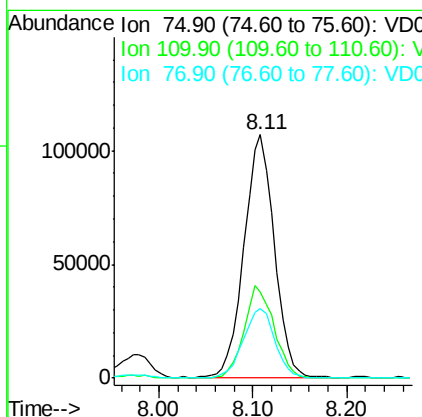
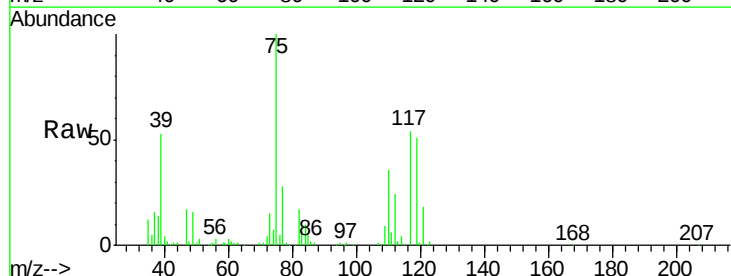
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

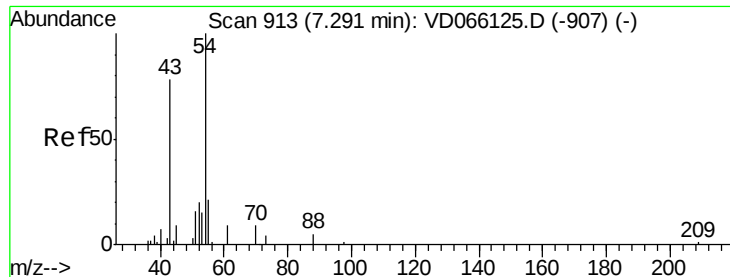
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	80.7	121.1
192	23.0	18.4	27.6



#36
 1,1-Dichloropropene
 Concen: 47.716 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.8	56.3
77	30.2	24.2	36.2

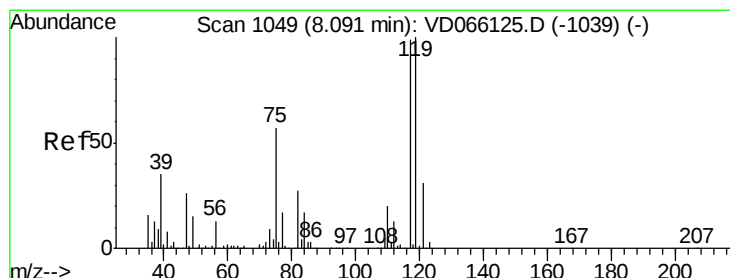
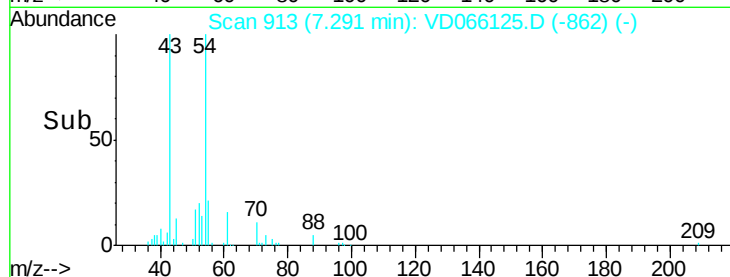
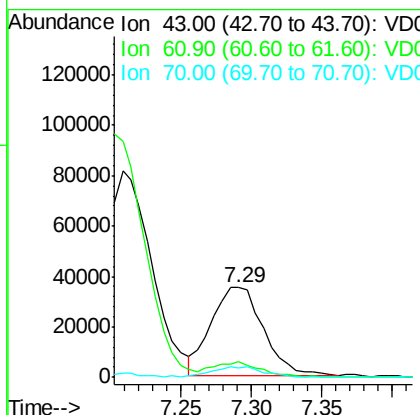
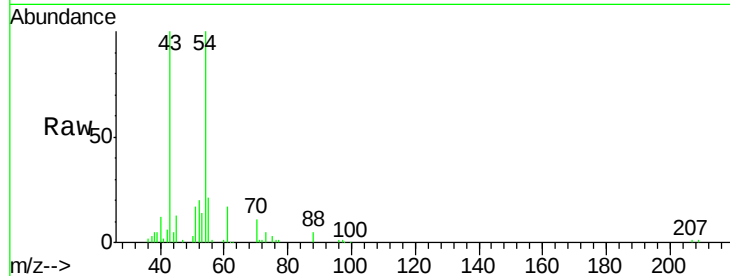




#37
Ethyl Acetate
Concen: 46.681 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

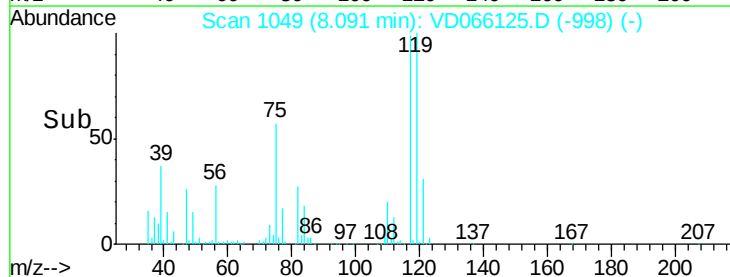
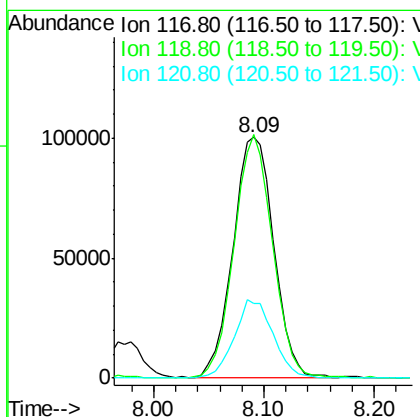
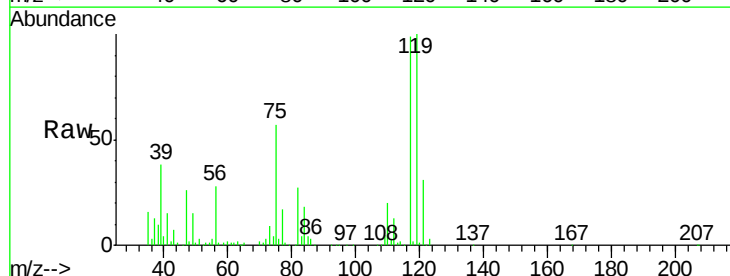
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

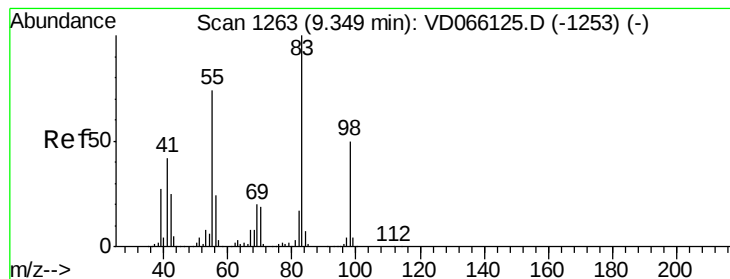
Tgt Ion: 43 Resp: 90453
Ion Ratio Lower Upper
43 100
61 15.0 12.0 18.0
70 12.1 9.7 14.5



#38
Carbon Tetrachloride
Concen: 46.597 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Tgt Ion: 117 Resp: 258666
Ion Ratio Lower Upper
117 100
119 101.2 81.0 121.4
121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 48.778 ug/l

RT: 9.35 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

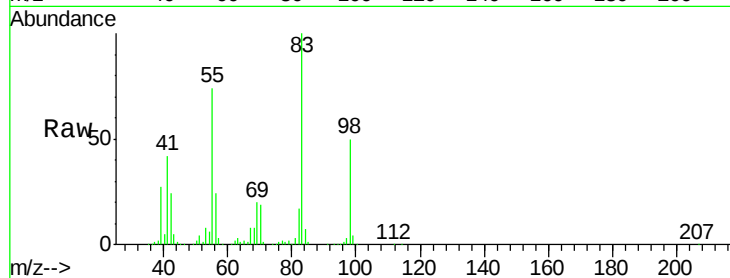
Tgt Ion: 83 Resp: 289022

Ion Ratio Lower Upper

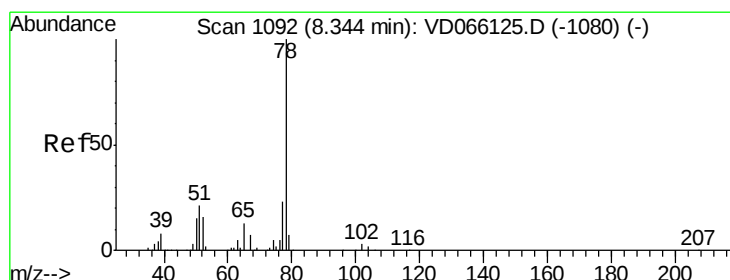
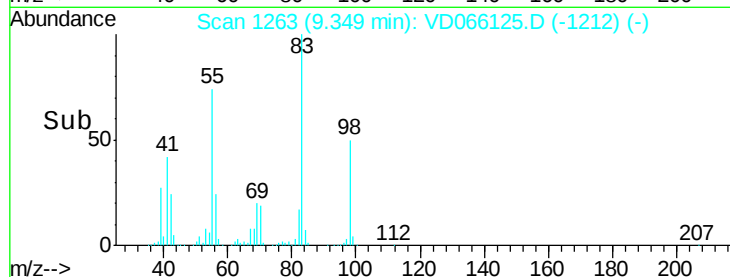
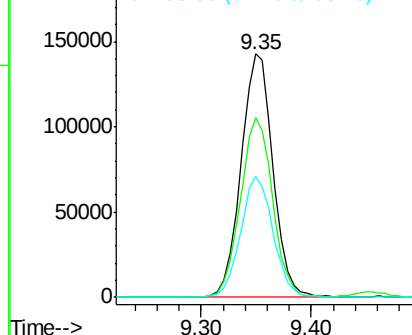
83 100

55 74.0 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: 46.949 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VD066125.D

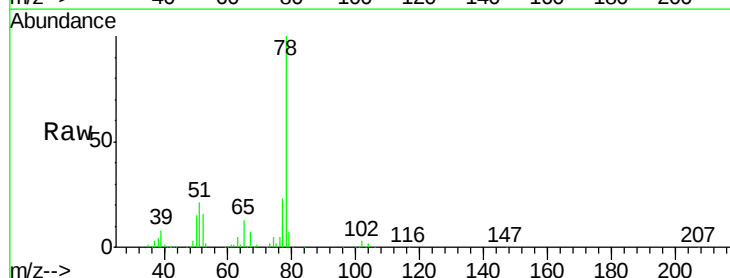
Acq: 05 Aug 2020 11:58

Tgt Ion: 78 Resp: 650540

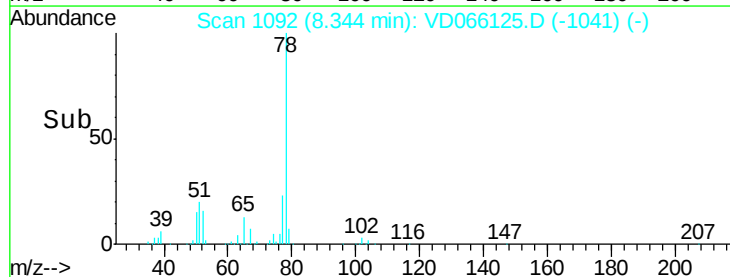
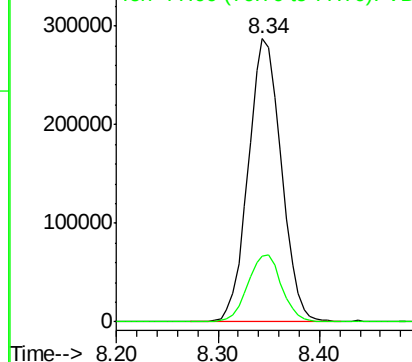
Ion Ratio Lower Upper

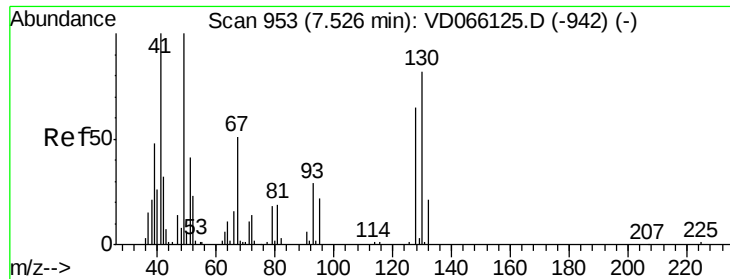
78 100

77 23.2 18.6 27.8



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

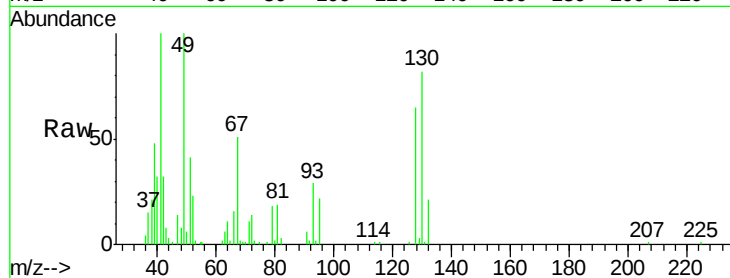




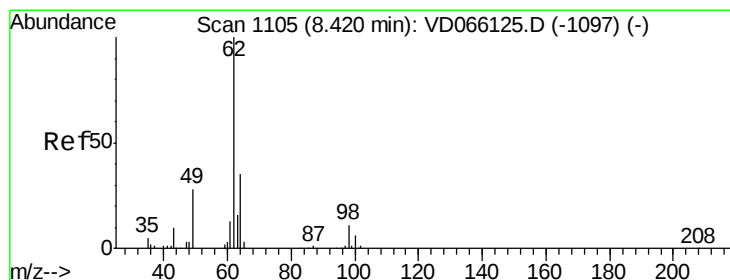
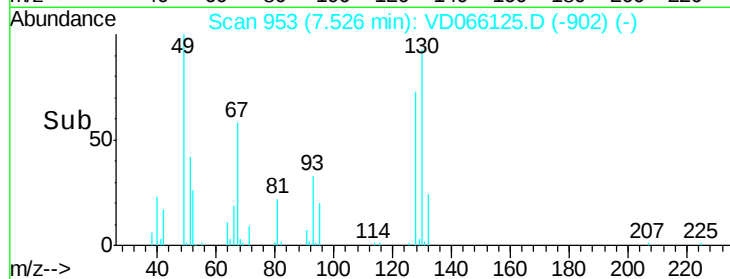
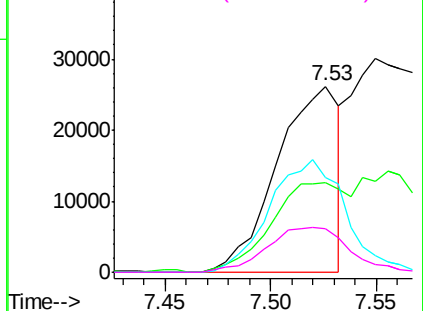
#41
Methacrylonitrile
Concen: 48.670 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	53740
Ion	Ratio	Lower	Upper
41	100		
39	59.4	47.5	71.3
67	73.9	59.1	88.7
52	31.7	25.4	38.0

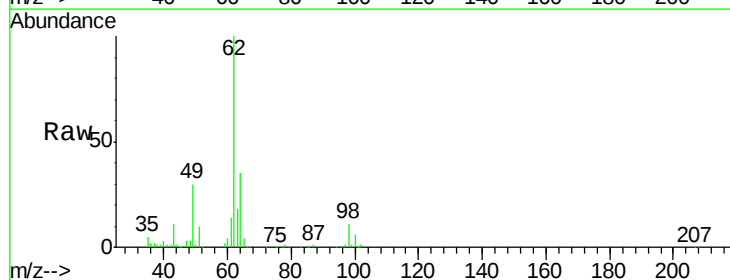


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

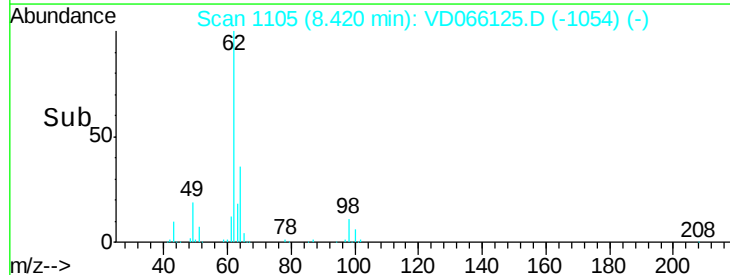
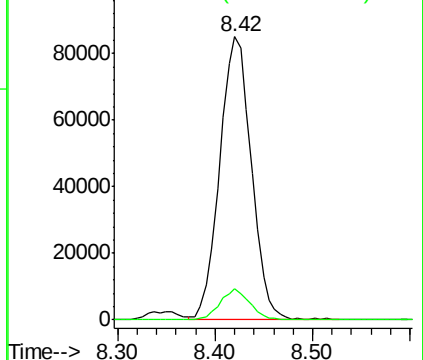


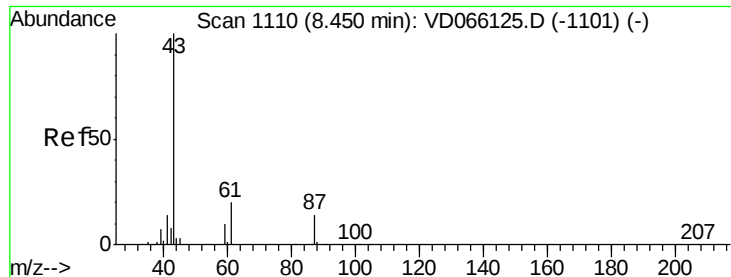
#42
1,2-Dichloroethane
Concen: 47.233 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Tgt Ion:	62	Resp:	191149
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





#43

Isopropyl Acetate

Concen: 48.143 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

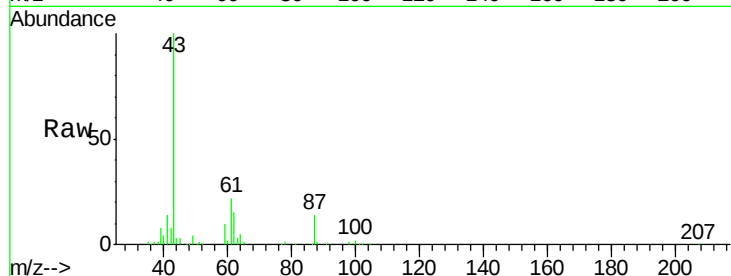
Tgt Ion: 43 Resp: 182296

Ion Ratio Lower Upper

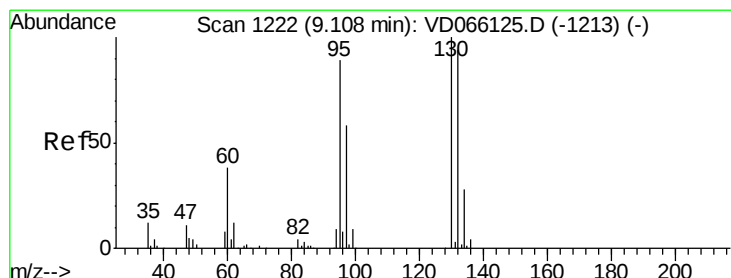
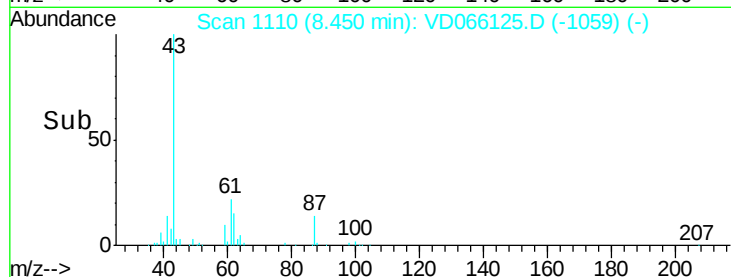
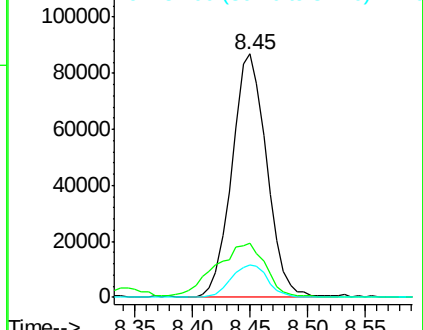
43 100

61 31.9 25.5 38.3

87 14.0 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: 47.348 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066125.D

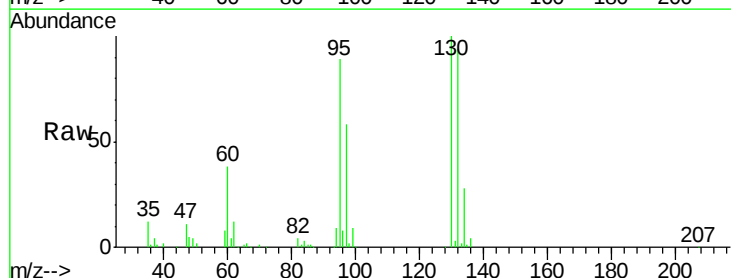
Acq: 05 Aug 2020 11:58

Tgt Ion: 130 Resp: 196045

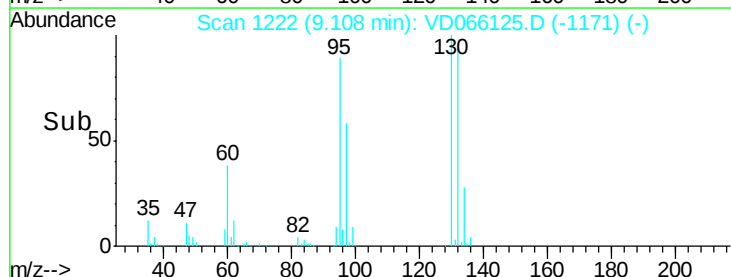
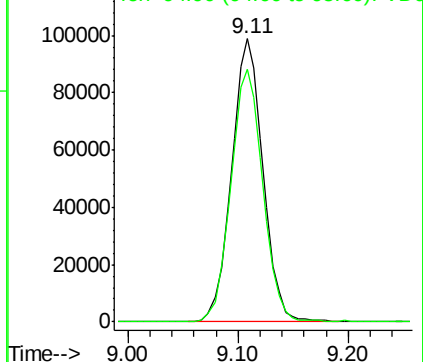
Ion Ratio Lower Upper

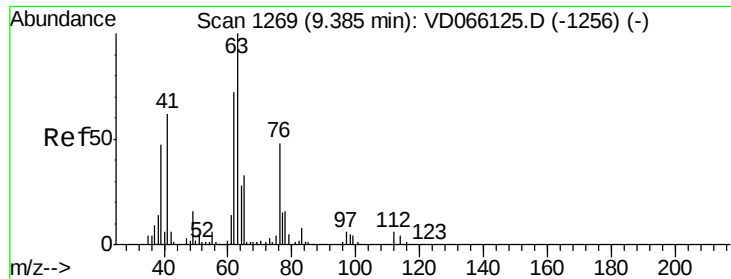
130 100

95 89.2 0.0 178.4



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

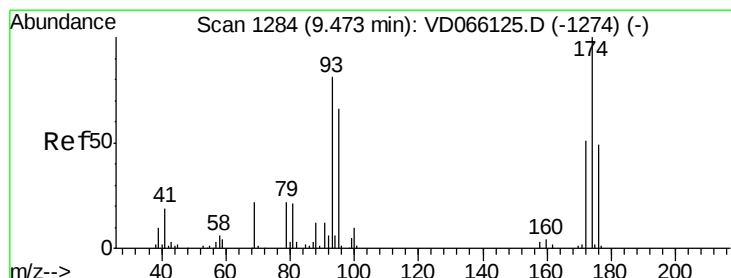
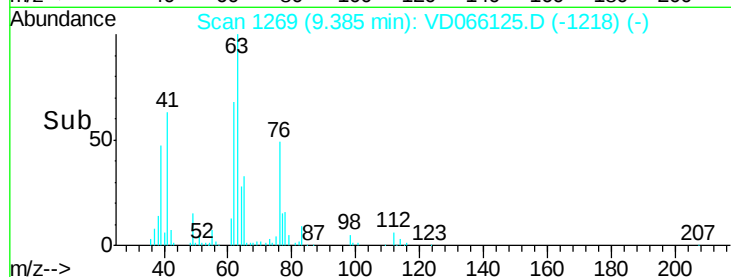
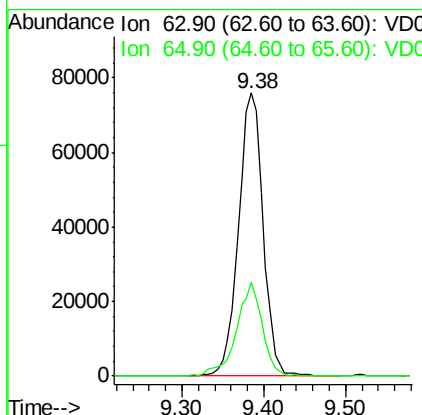
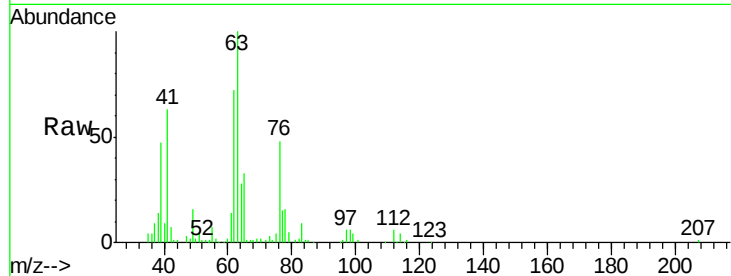




#45
 1,2-Dichloropropane
 Concen: 47.274 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

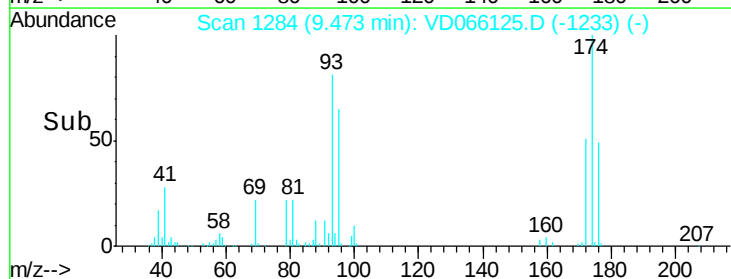
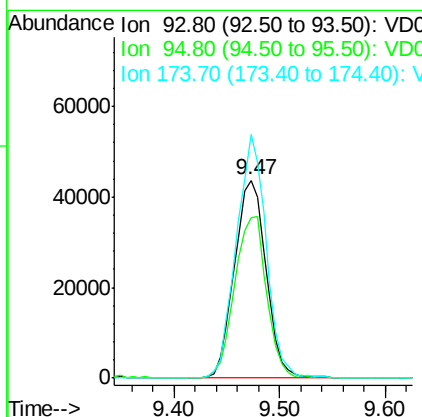
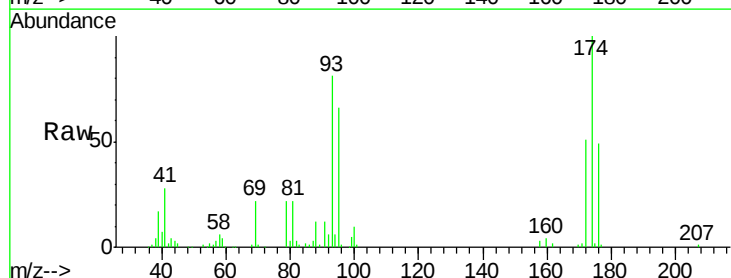
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

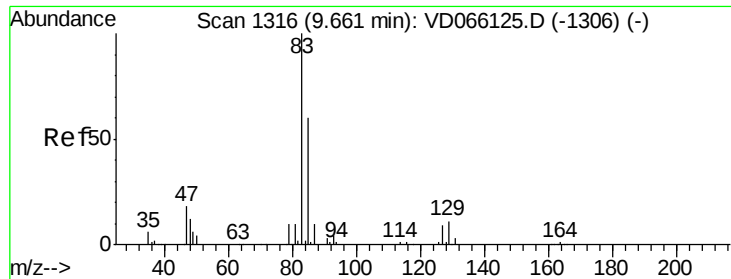
Tgt Ion: 63 Resp: 158579
 Ion Ratio Lower Upper
 63 100
 65 33.1 26.5 39.7



#46
 Dibromomethane
 Concen: 49.178 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

Tgt Ion: 93 Resp: 90703
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.8 98.6
 174 116.0 92.8 139.2

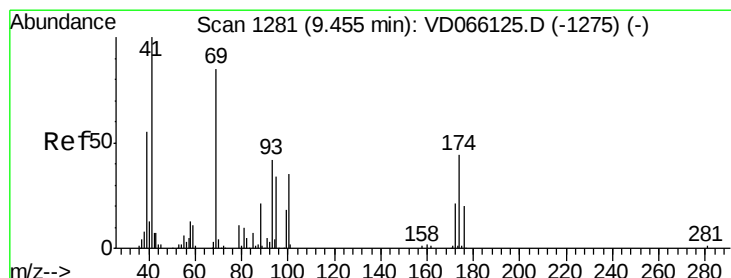
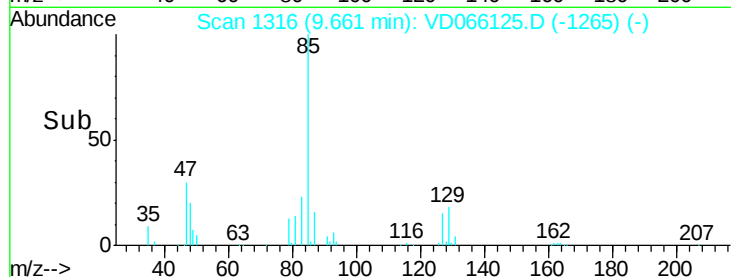
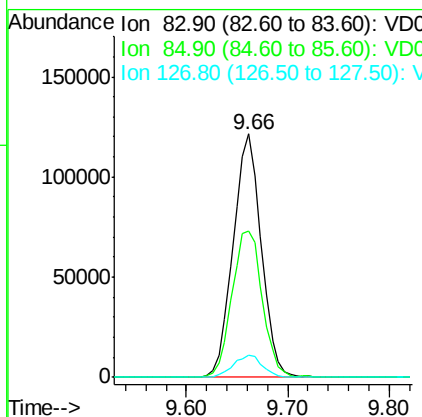
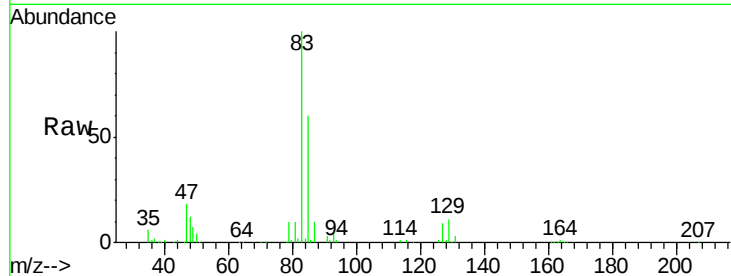




#47
 Bromodichloromethane
 Concen: 47.992 ug/l
 RT: 9.66 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

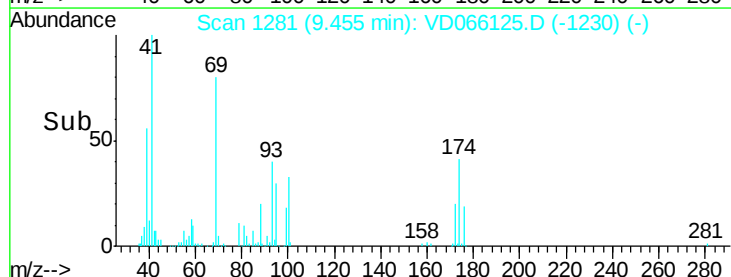
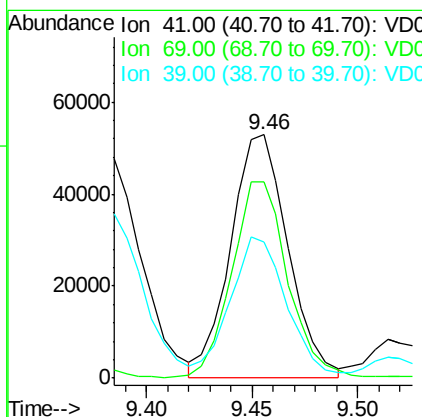
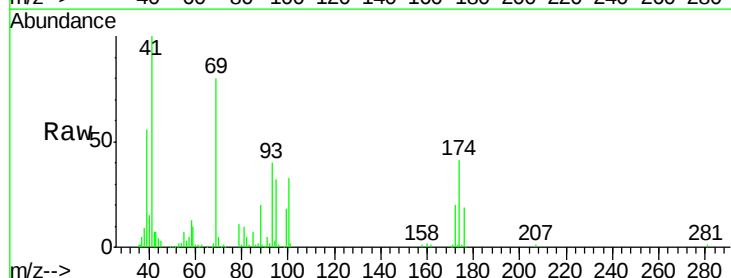
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

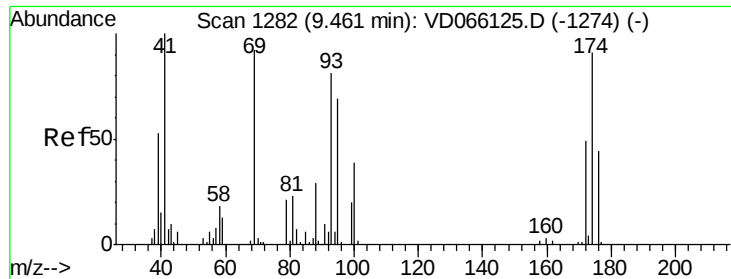
Tgt Ion: 83 Resp: 234060
 Ion Ratio Lower Upper
 83 100
 85 60.3 48.2 72.4
 127 9.1 7.3 10.9



#48
 Methyl methacrylate
 Concen: 49.790 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

Tgt Ion: 41 Resp: 99301
 Ion Ratio Lower Upper
 41 100
 69 79.9 63.9 95.9
 39 53.3 42.6 64.0





#49

1,4-Dioxane

Concen: 977.757 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

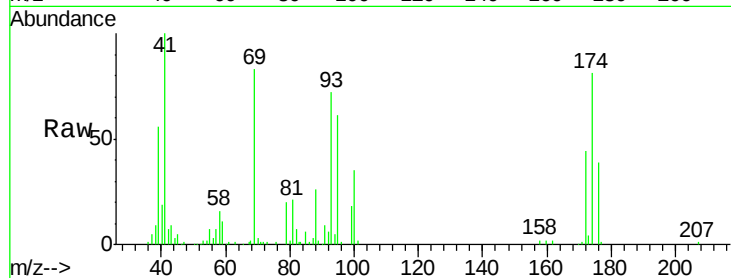
Tgt Ion: 88 Resp: 23128

Ion Ratio Lower Upper

88 100

43 34.4 27.5 41.3

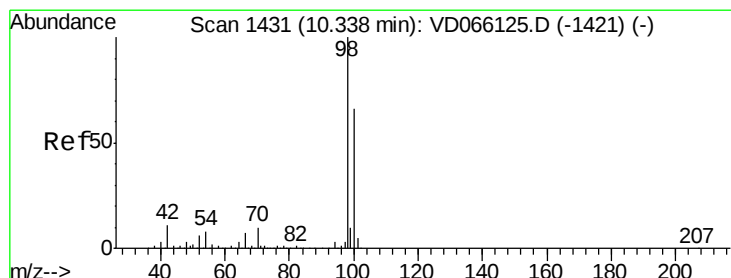
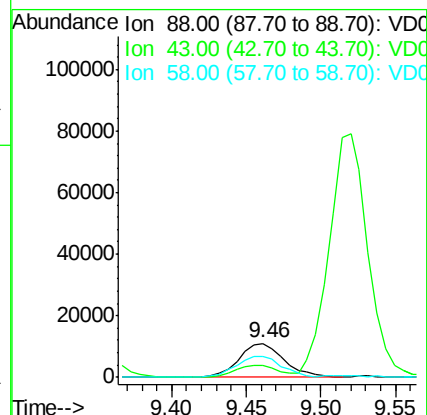
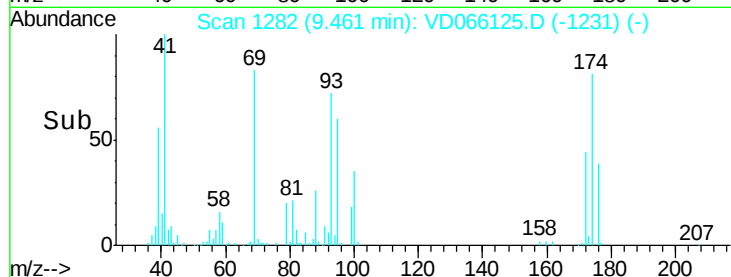
58 62.8 50.2 75.4



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 52.275 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066125.D

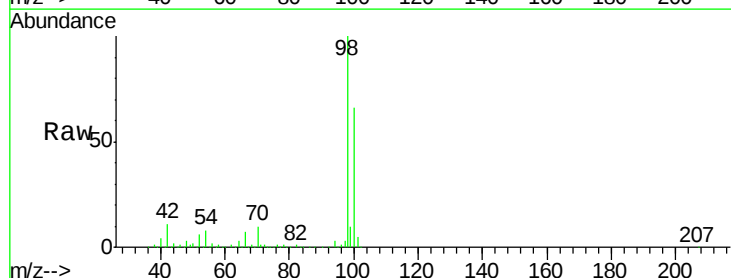
Acq: 05 Aug 2020 11:58

Tgt Ion: 98 Resp: 631320

Ion Ratio Lower Upper

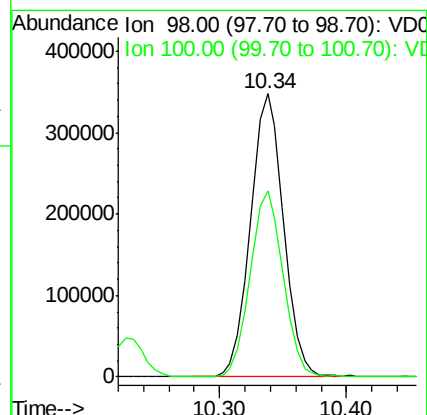
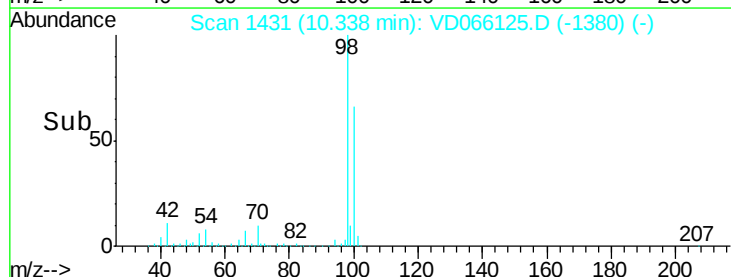
98 100

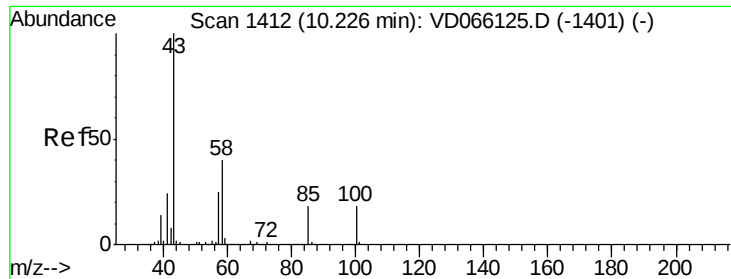
100 65.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

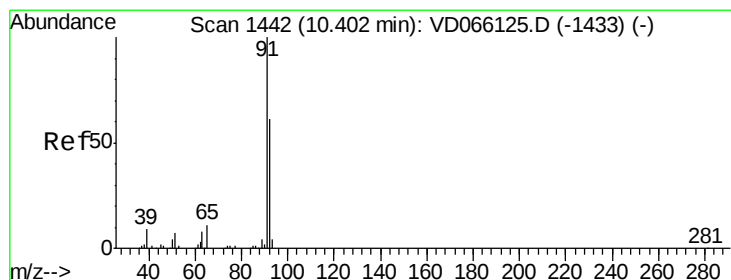
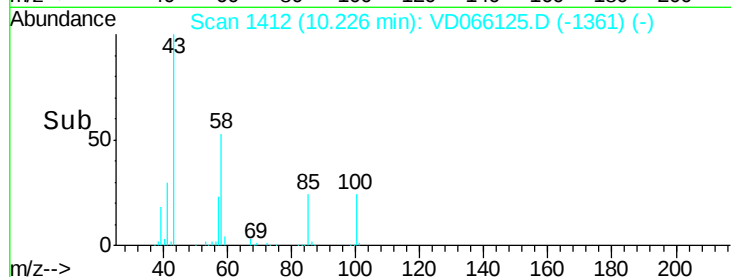
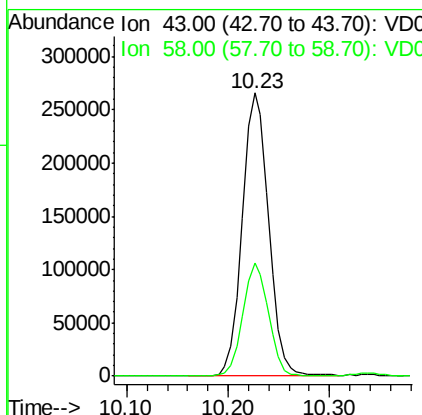
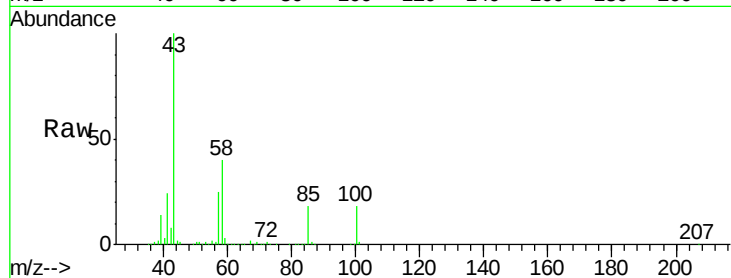




#51
 4-Methyl-2-Pentanone
 Concen: 243.392 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

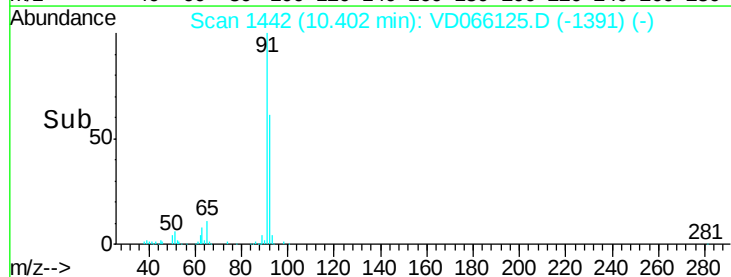
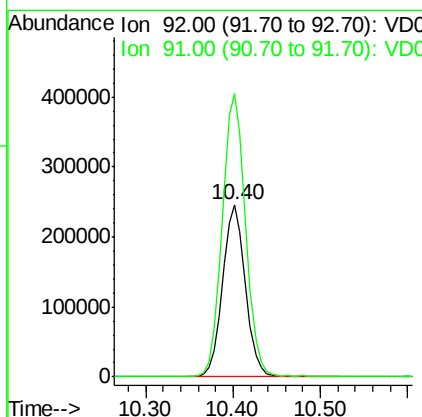
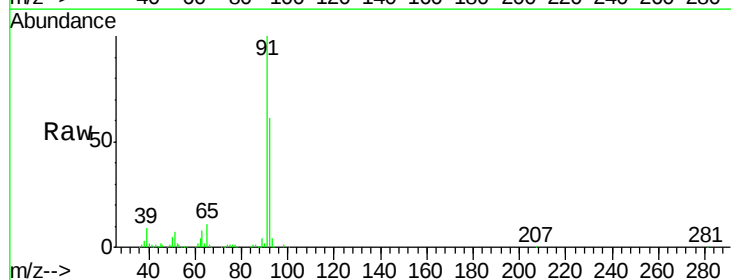
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

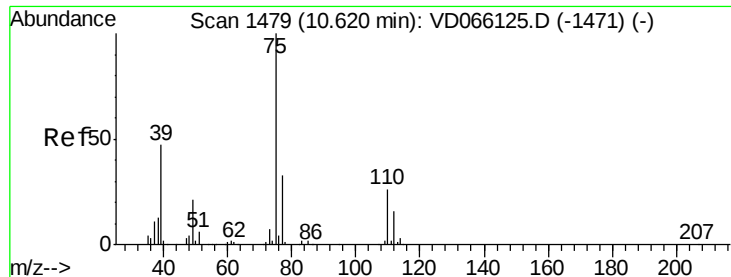
Tgt Ion: 43 Resp: 480258
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.1 46.7



#52
 Toluene
 Concen: 48.492 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

Tgt Ion: 92 Resp: 439765
 Ion Ratio Lower Upper
 92 100
 91 169.0 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 49.373 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

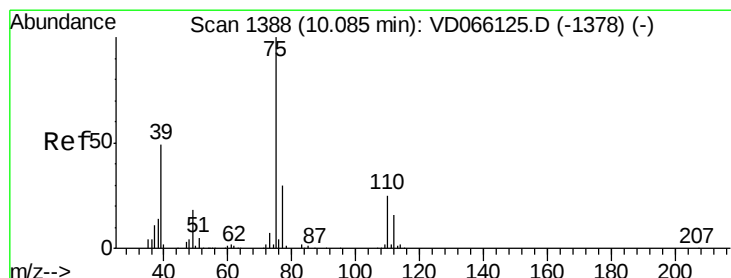
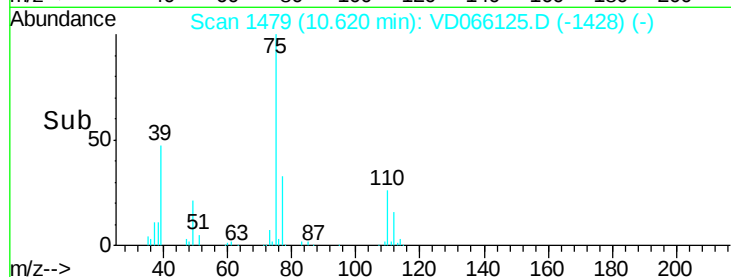
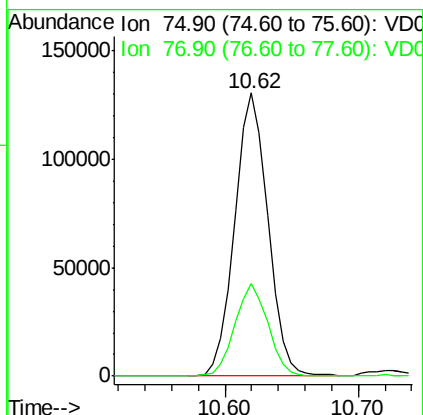
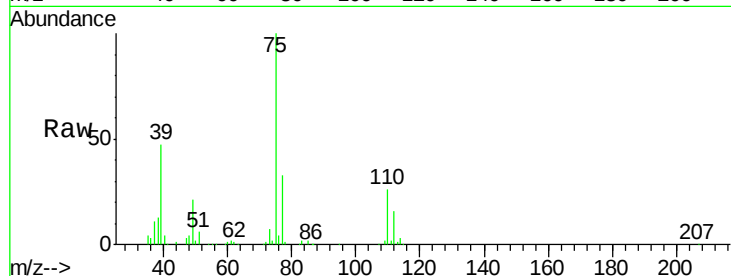
VSTDICCC050

Tgt Ion: 75 Resp: 225593

Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 49.378 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

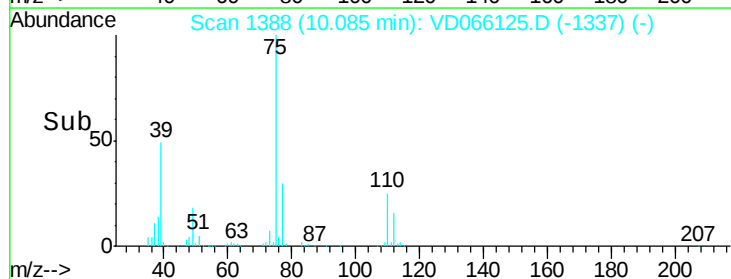
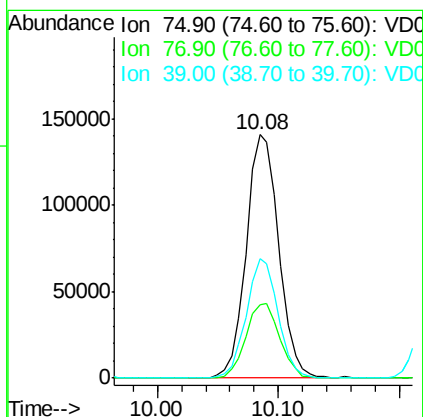
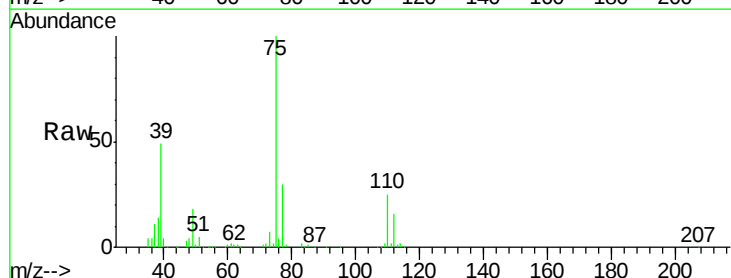
Tgt Ion: 75 Resp: 263769

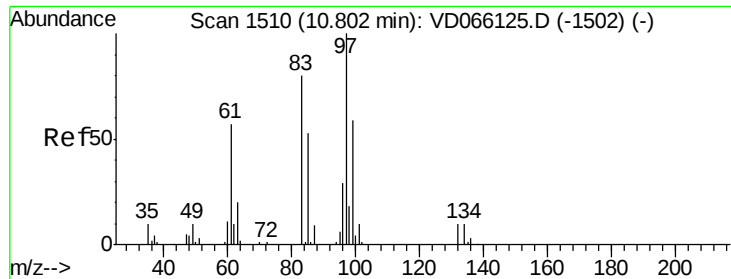
Ion Ratio Lower Upper

75 100

77 30.4 24.3 36.5

39 49.1 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 46.591 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 125226

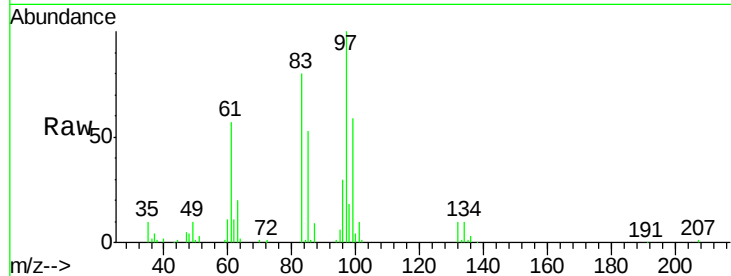
Ion Ratio Lower Upper

97 100

83 79.9 63.9 95.9

85 53.1 42.5 63.7

99 59.2 47.4 71.0

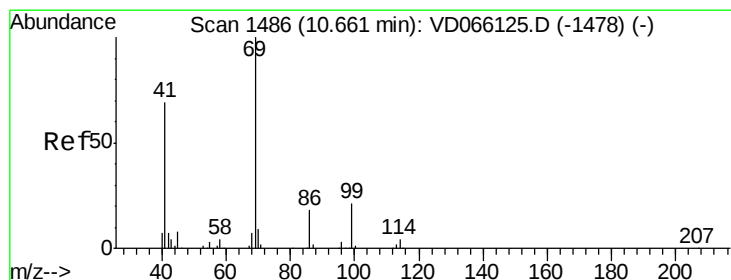
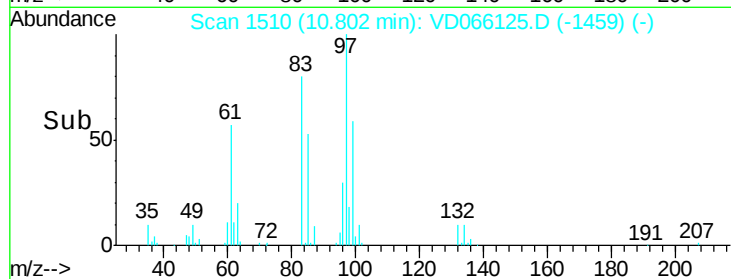
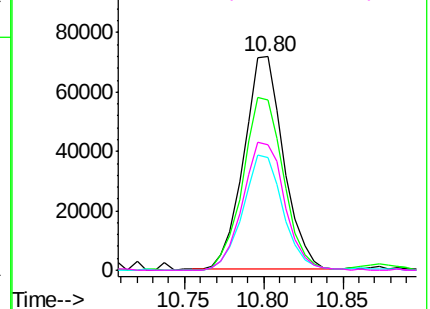


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 51.812 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

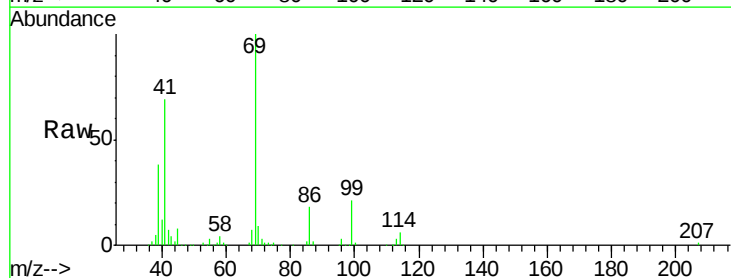
Tgt Ion: 69 Resp: 159746

Ion Ratio Lower Upper

69 100

41 67.6 54.1 81.1

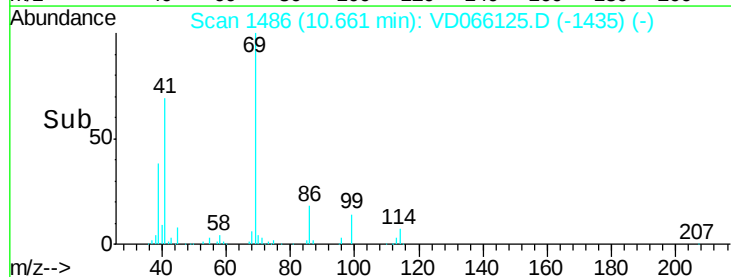
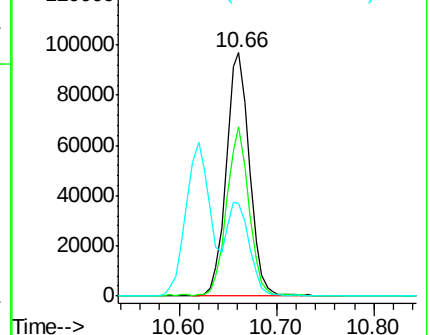
39 35.8 28.6 43.0

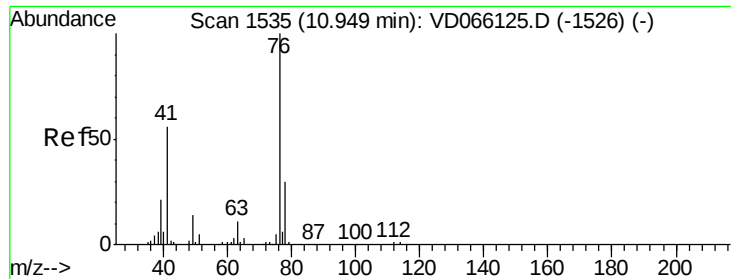


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

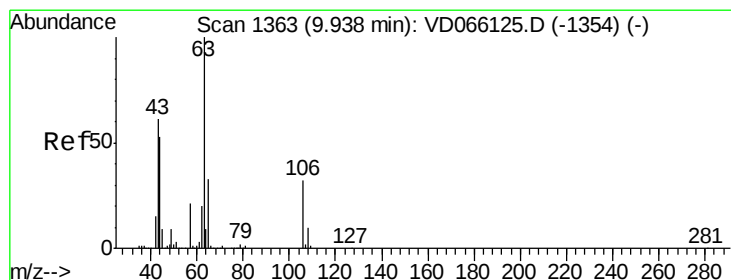
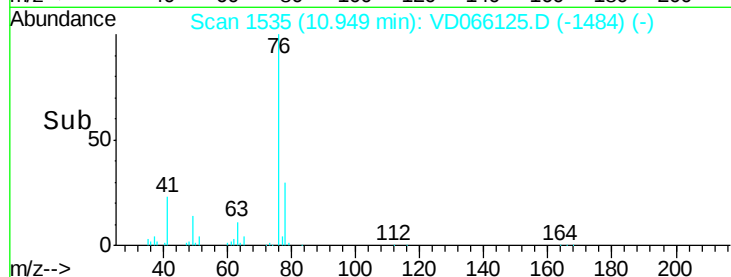
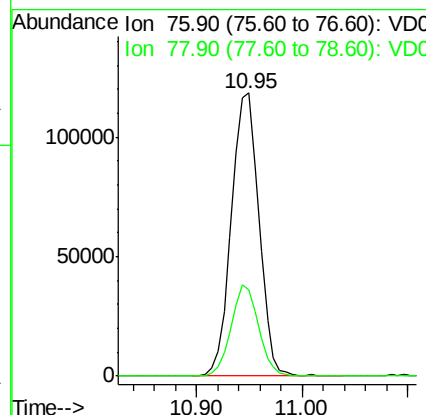
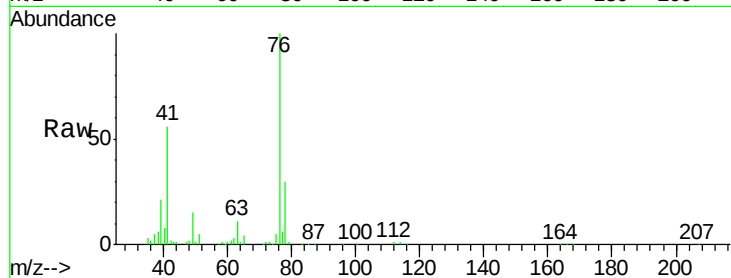




#57
 1,3-Dichloropropane
 Concen: 48.390 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

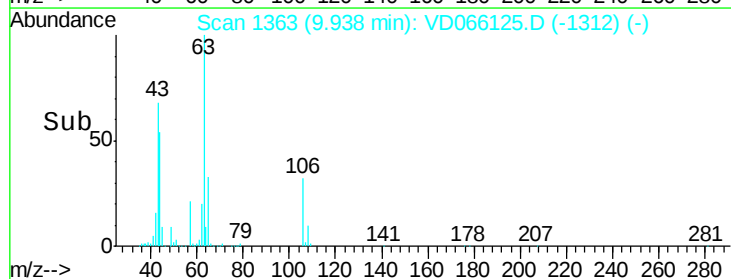
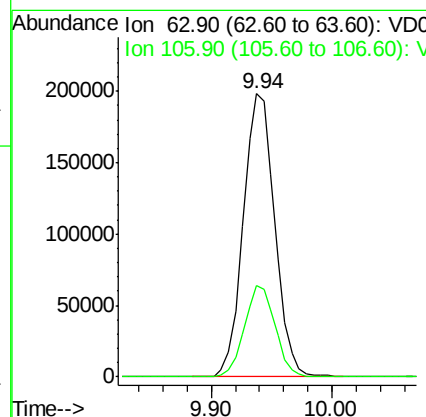
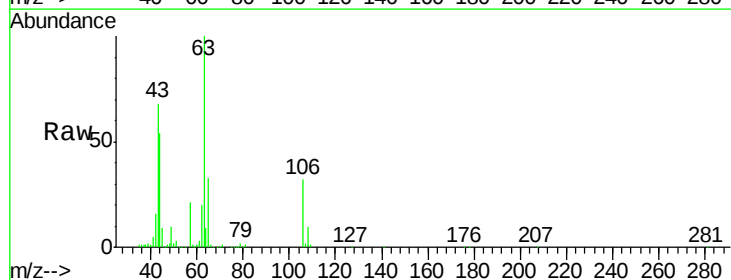
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

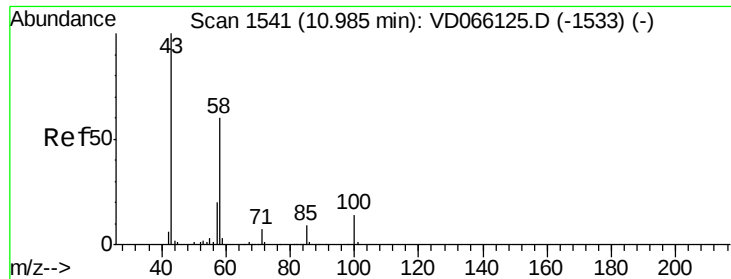
Tgt Ion: 76 Resp: 213883
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.093 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

Tgt Ion: 63 Resp: 360638
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.3 37.9

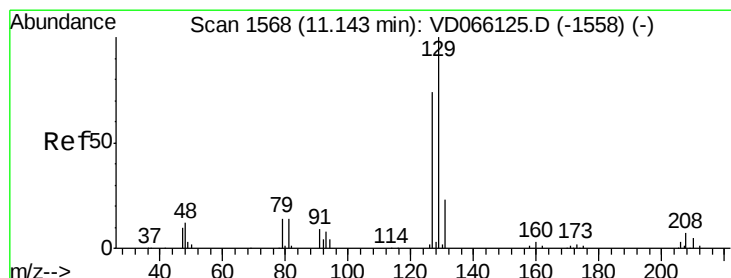
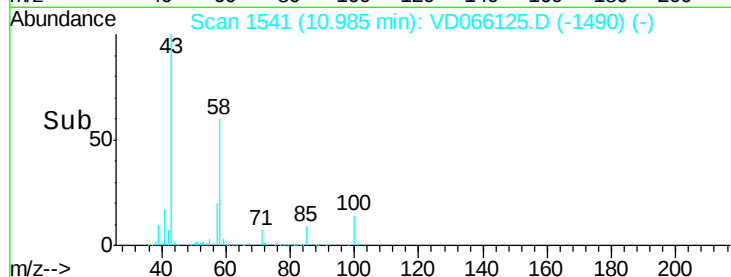
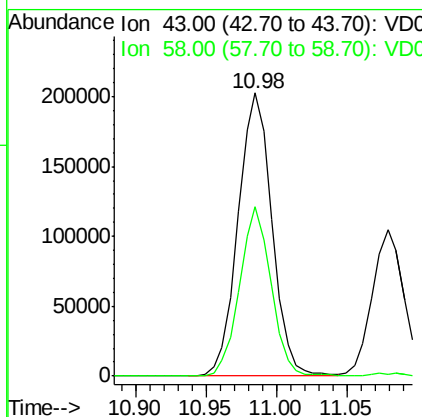
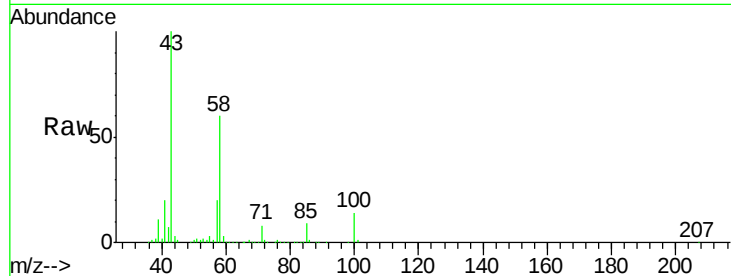




#59
2-Hexanone
Concen: 246.417 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

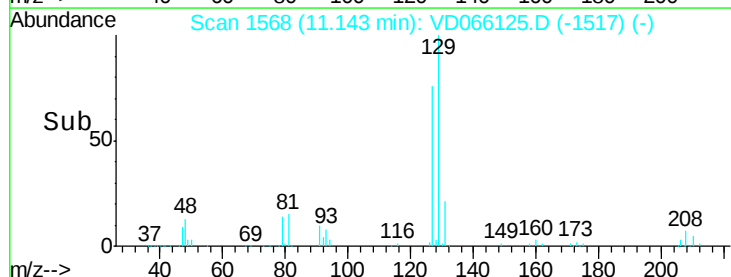
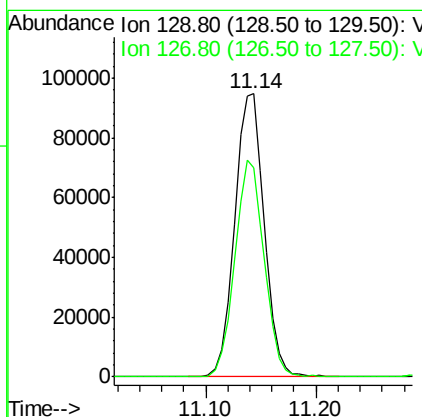
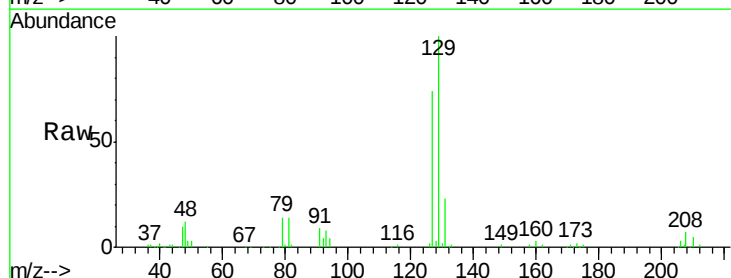
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

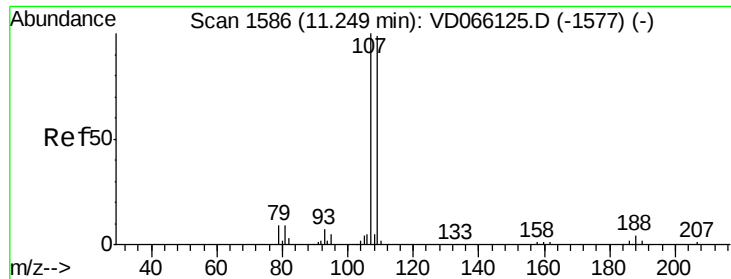
Tgt Ion: 43 Resp: 340012
Ion Ratio Lower Upper
43 100
58 55.6 27.8 83.4



#60
Dibromochloromethane
Concen: 48.275 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Tgt Ion: 129 Resp: 177631
Ion Ratio Lower Upper
129 100
127 76.1 38.0 114.1

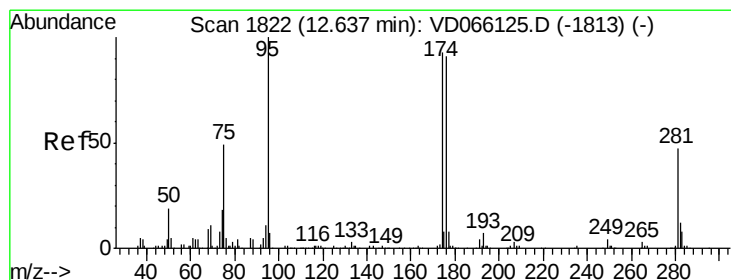
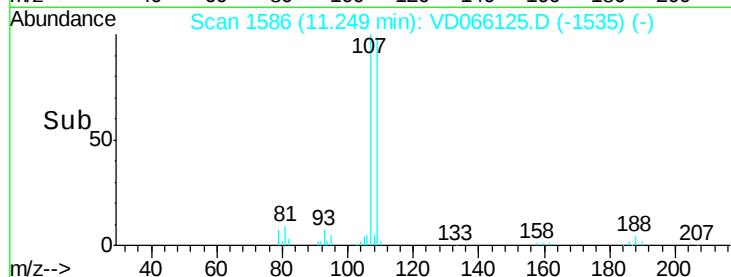
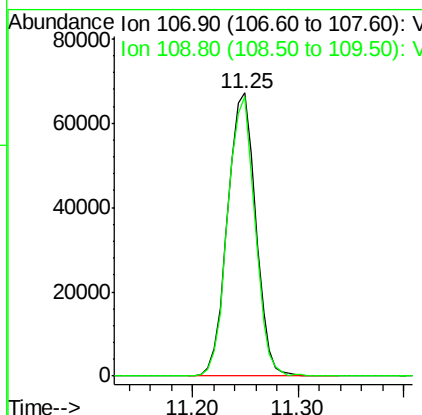
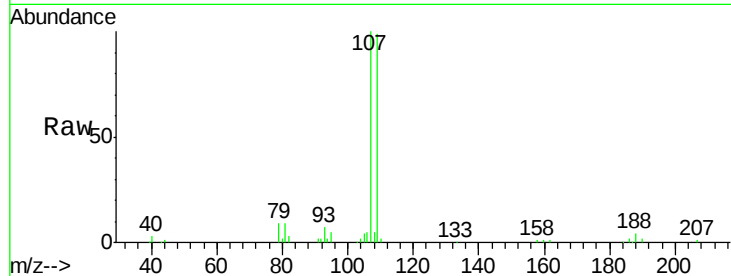




#61
 1,2-Dibromoethane
 Concen: 48.687 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

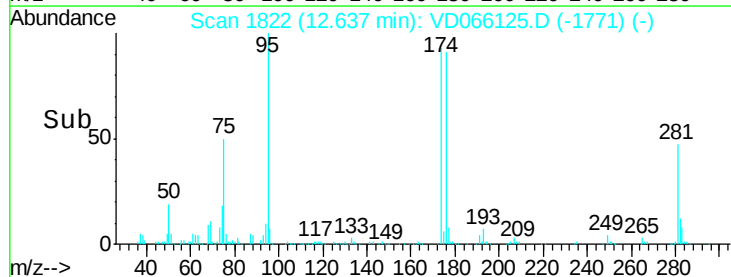
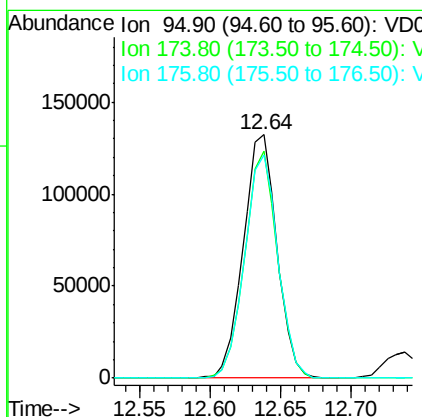
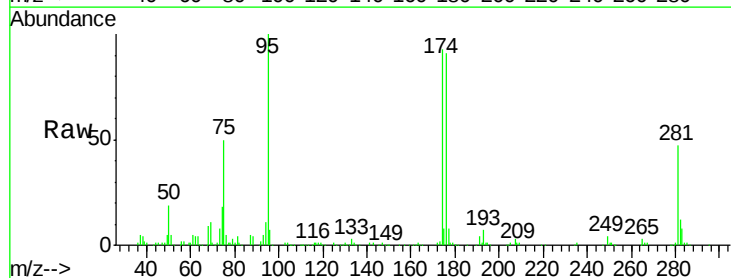
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

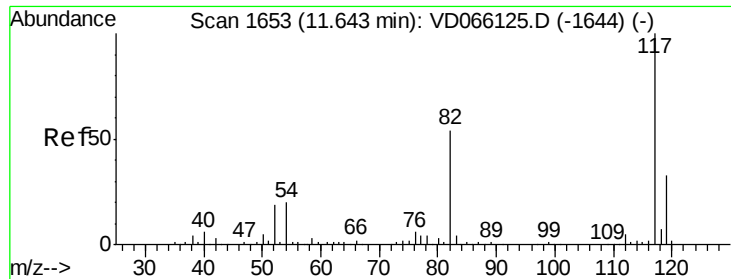
Tgt Ion: 107 Resp: 124086
 Ion Ratio Lower Upper
 107 100
 109 95.6 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 50.433 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

Tgt Ion: 95 Resp: 221443
 Ion Ratio Lower Upper
 95 100
 174 90.4 0.0 180.8
 176 90.6 0.0 181.2

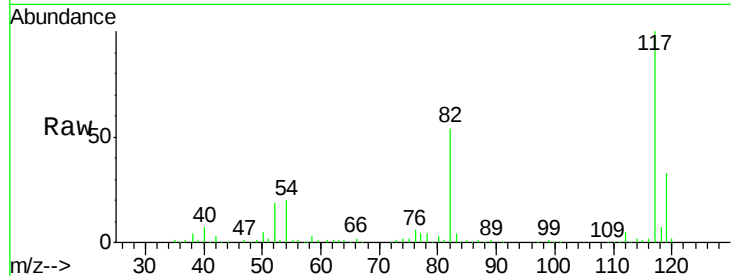




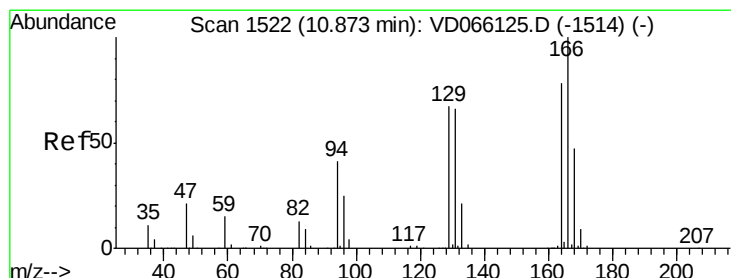
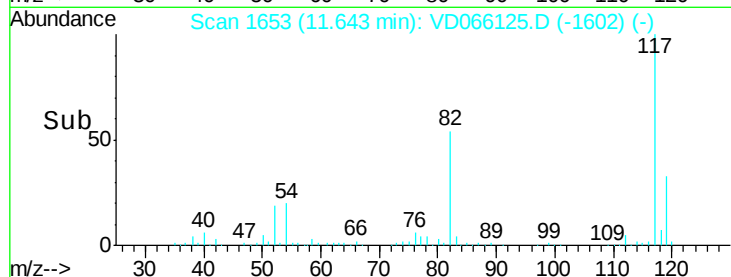
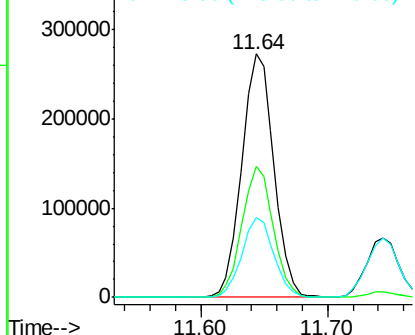
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 479874
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.6 26.1 39.1

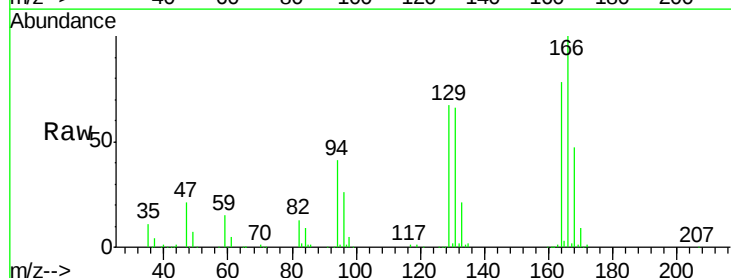


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

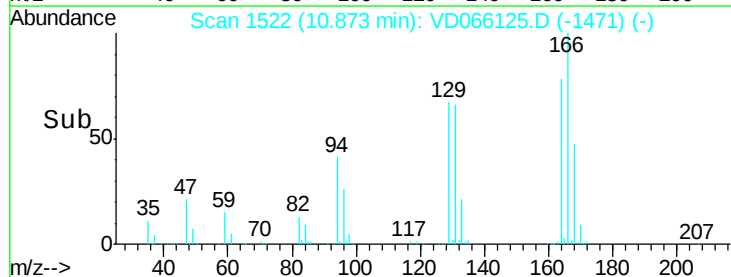
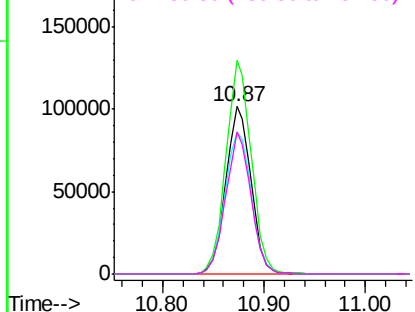


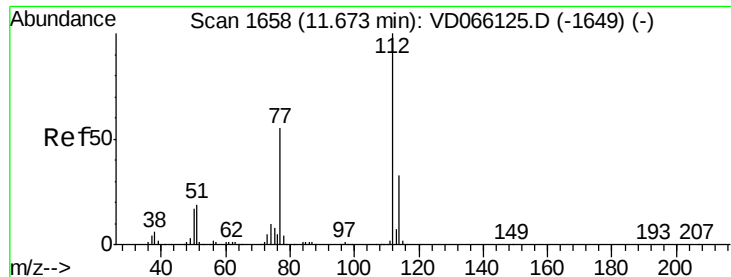
#64
Tetrachloroethene
Concen: 46.728 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Tgt Ion:164 Resp: 175754
Ion Ratio Lower Upper
164 100
166 127.4 101.9 152.9
129 85.1 68.1 102.1
131 84.5 67.6 101.4



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

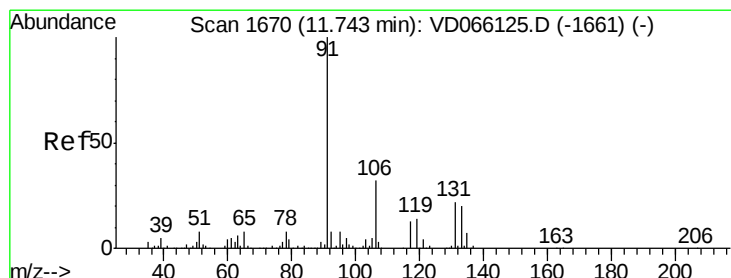
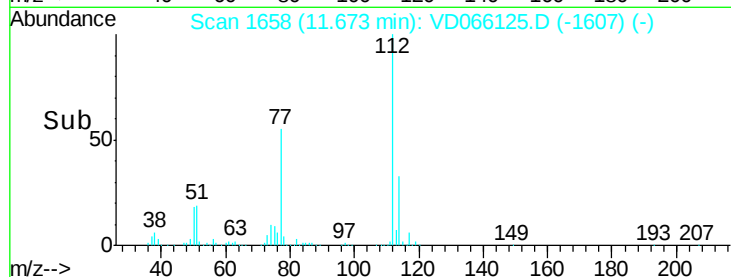
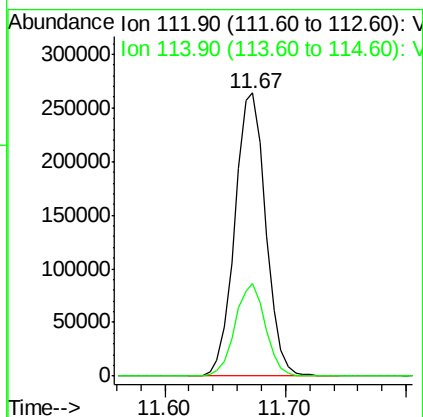
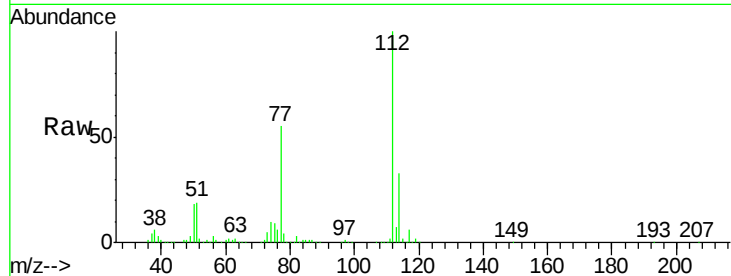




#65
Chlorobenzene
Concen: 47.226 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

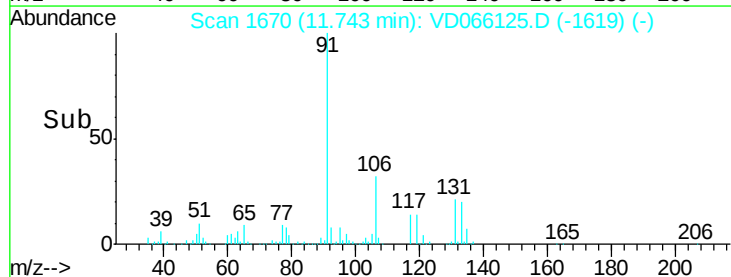
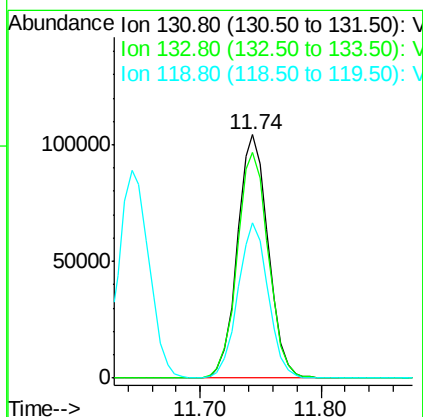
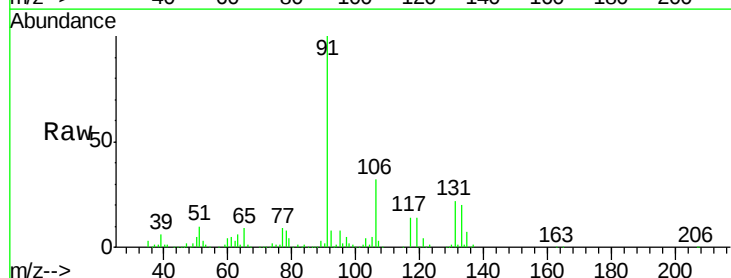
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

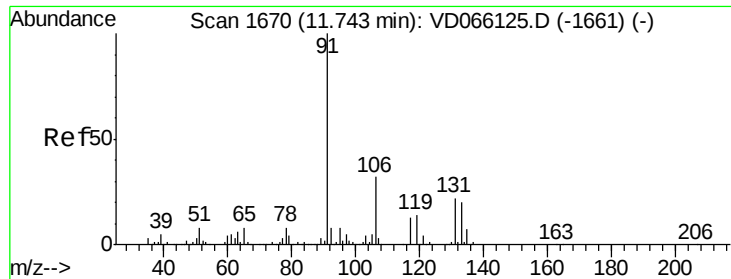
Tgt Ion:112 Resp: 470348
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 47.146 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Tgt Ion:131 Resp: 184597
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.4
119 63.1 31.6 94.7

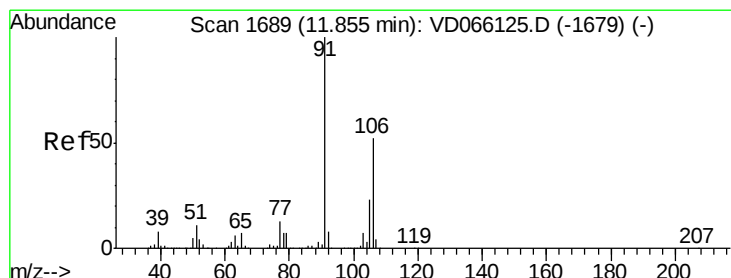
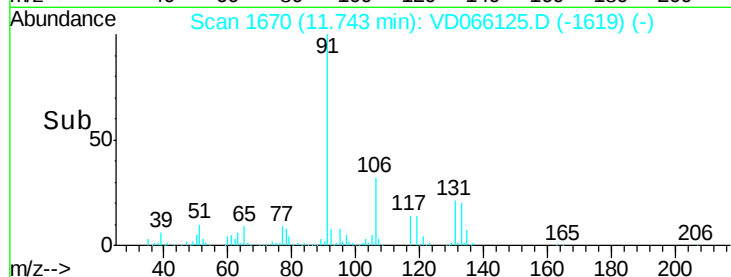
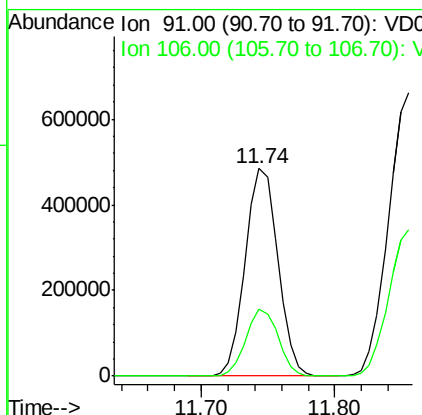
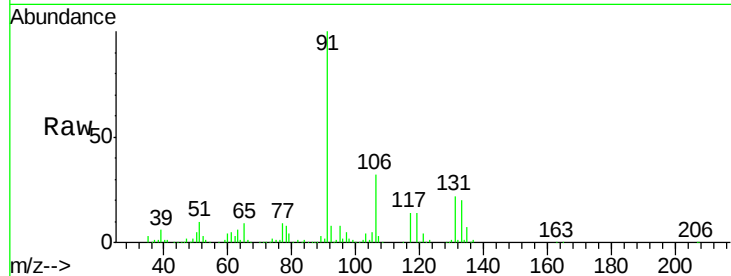




#67
Ethyl Benzene
Concen: 48.086 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

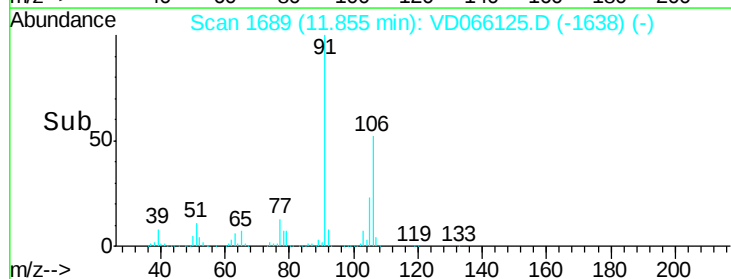
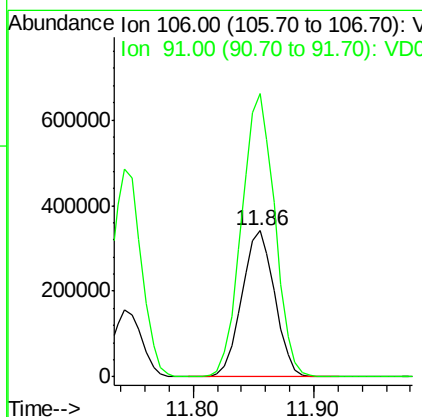
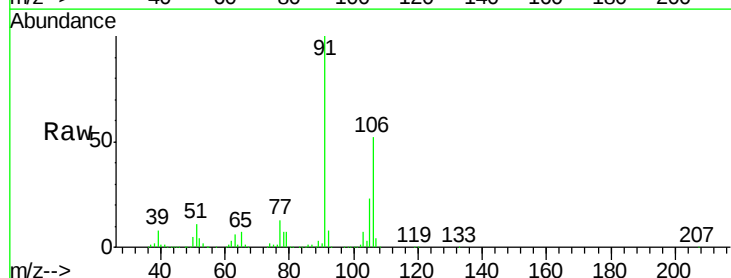
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

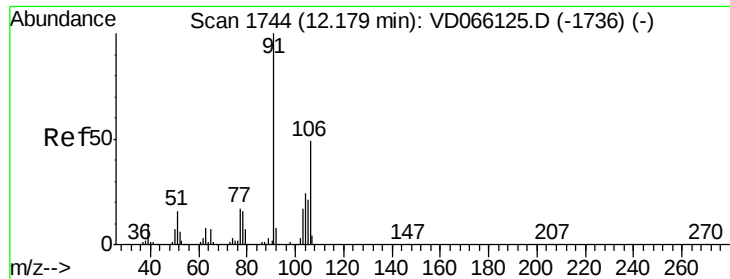
Tgt Ion: 91 Resp: 821890
Ion Ratio Lower Upper
91 100
106 32.1 25.7 38.5



#68
m/p-Xylenes
Concen: 97.272 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Tgt Ion: 106 Resp: 646582
Ion Ratio Lower Upper
106 100
91 195.8 156.6 235.0

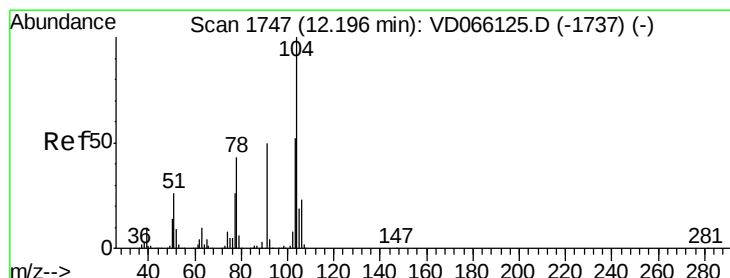
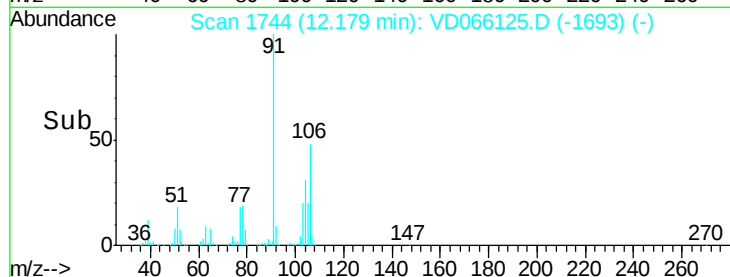
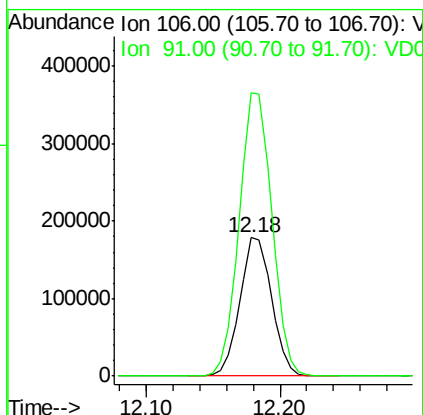
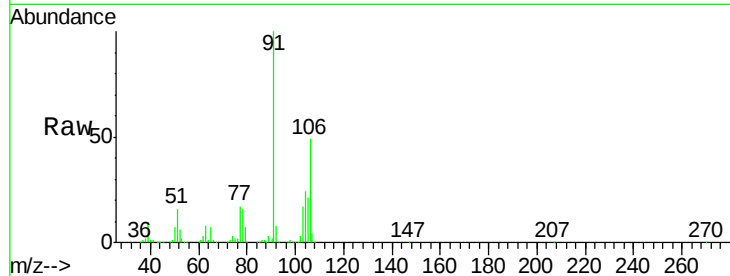




#69
o-Xylene
Concen: 49.068 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

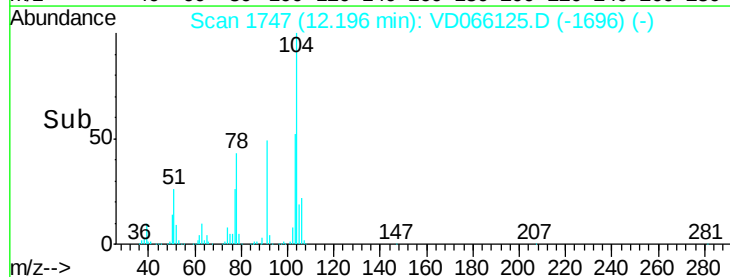
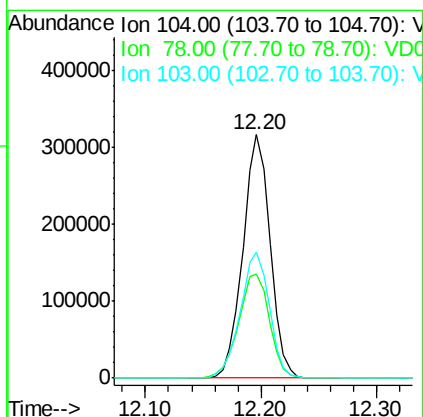
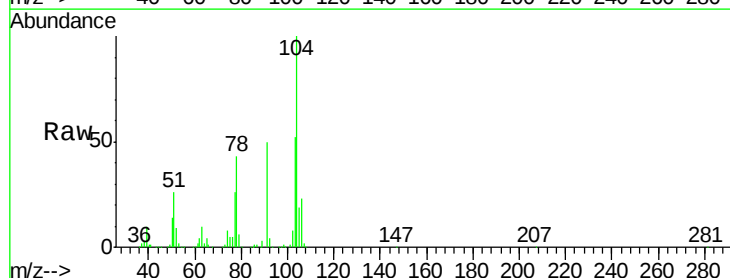
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

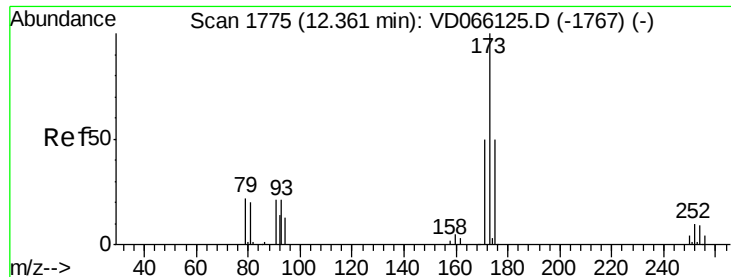
Tgt Ion:106 Resp: 293480
Ion Ratio Lower Upper
106 100
91 211.4 105.7 317.1



#70
Styrene
Concen: 49.217 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Tgt Ion:104 Resp: 518571
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 55.1 44.1 66.1

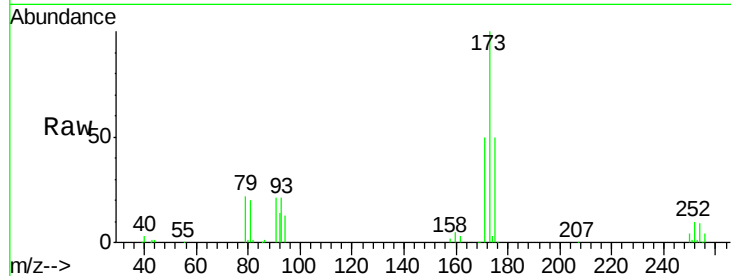




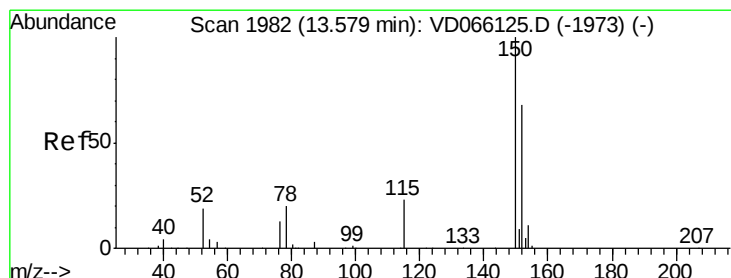
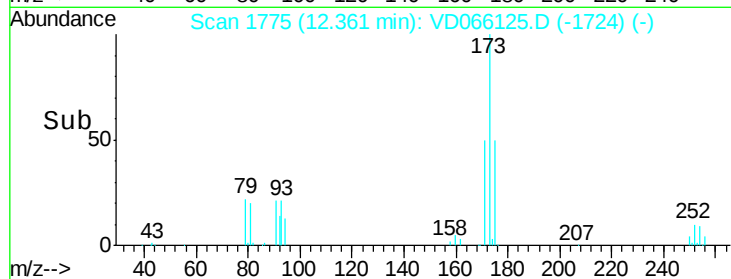
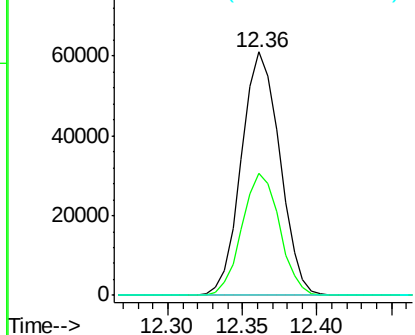
#71
Bromoform
Concen: 47.276 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 108908
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.6
254 0.2 0.2 0.2

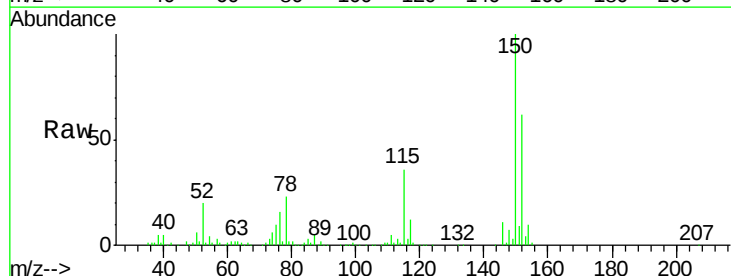


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

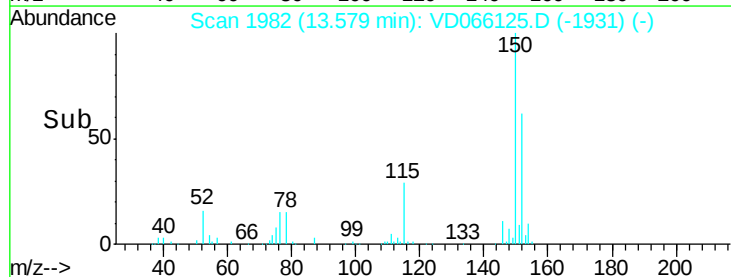
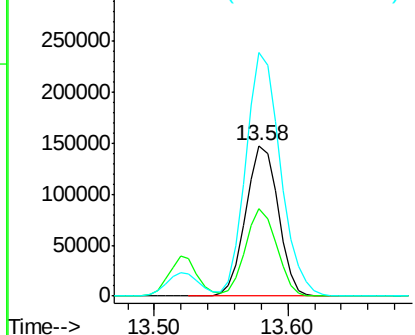


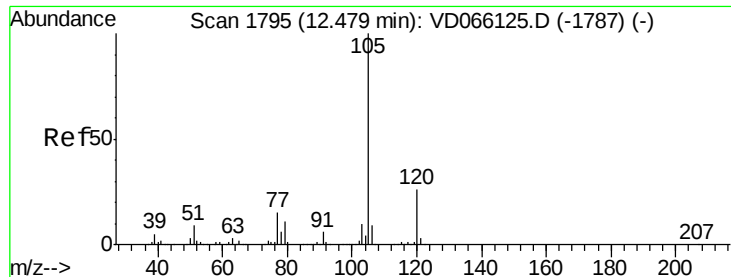
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Tgt Ion:152 Resp: 247454
Ion Ratio Lower Upper
152 100
115 55.9 28.0 83.9
150 173.2 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: 49.367 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

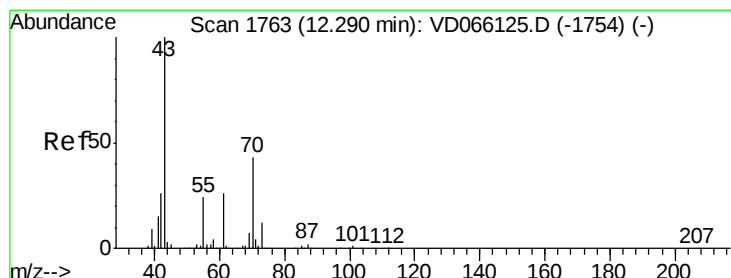
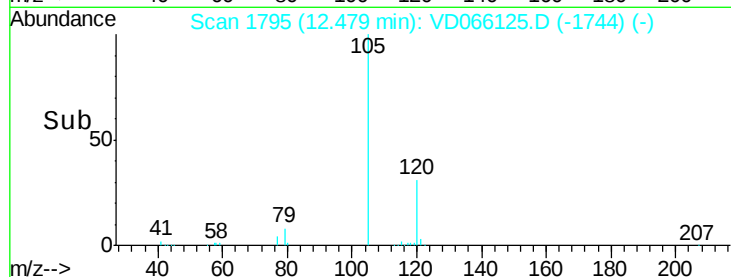
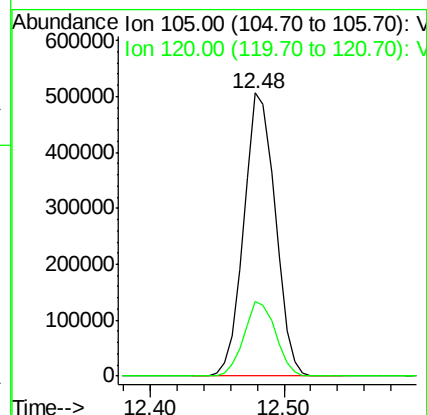
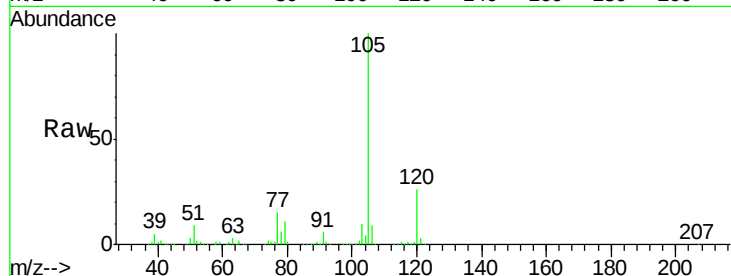
VSTDICCC050

Tgt Ion: 105 Resp: 822217

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 51.707 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Tgt Ion: 43 Resp: 185272

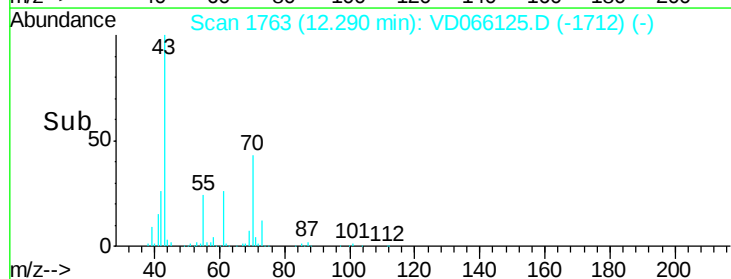
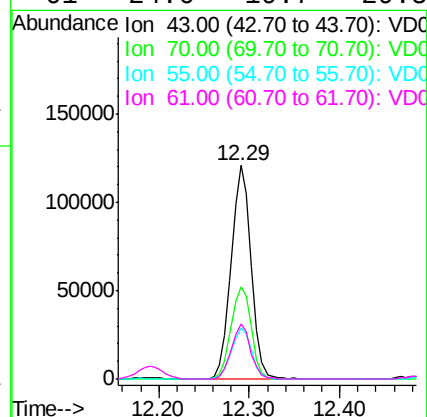
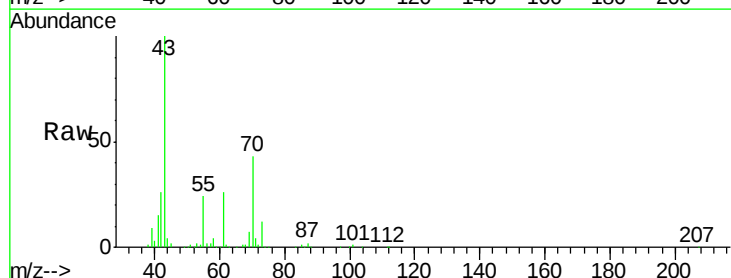
Ion Ratio Lower Upper

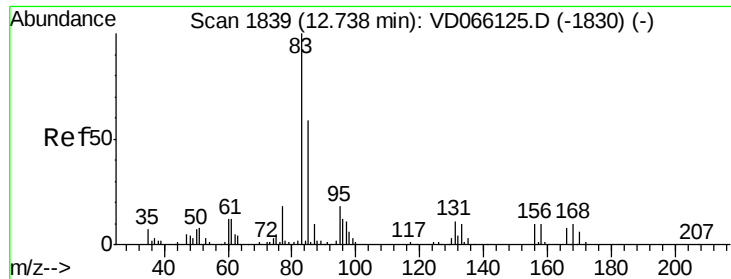
43 100

70 43.6 34.9 52.3

55 24.0 19.2 28.8

61 24.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.132 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

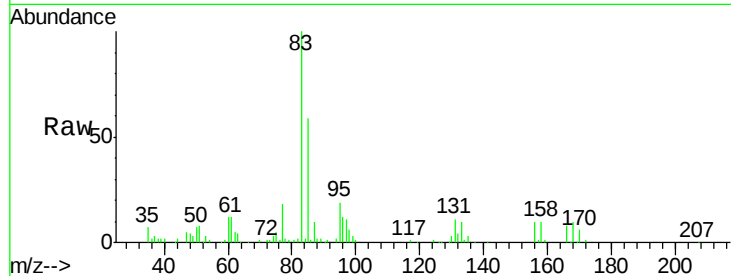
Tgt Ion: 83 Resp: 133244

Ion Ratio Lower Upper

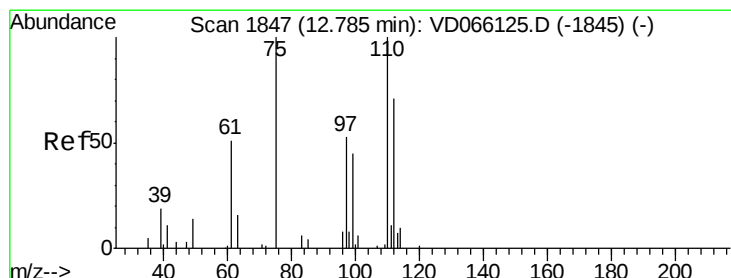
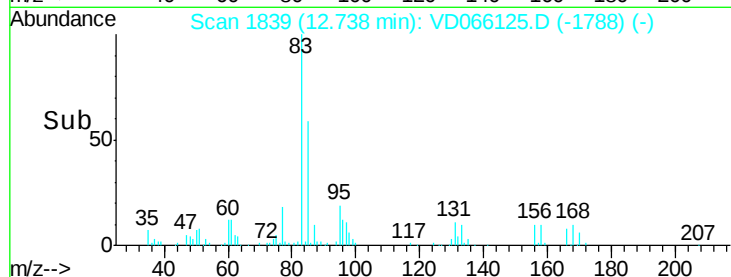
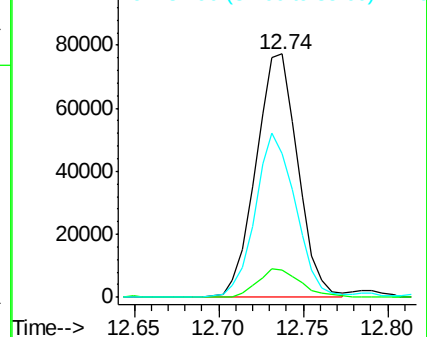
83 100

131 12.4 6.2 18.6

85 64.8 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: 86.122 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066125.D

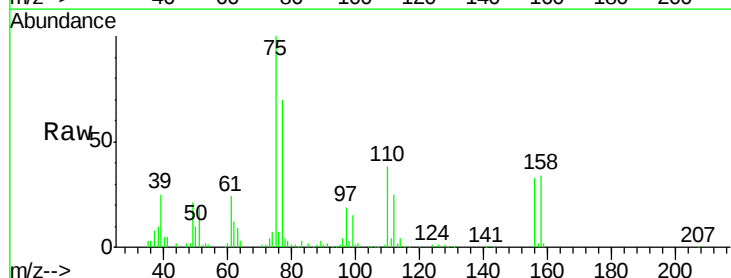
Acq: 05 Aug 2020 11:58

Tgt Ion: 75 Resp: 176445

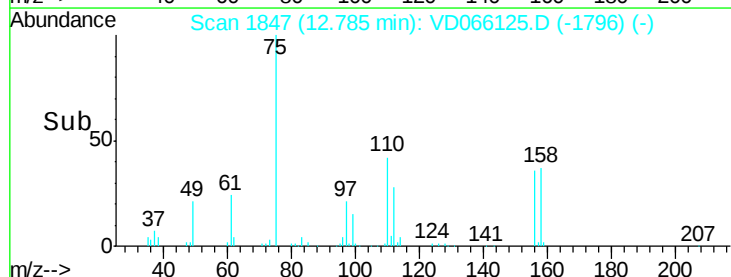
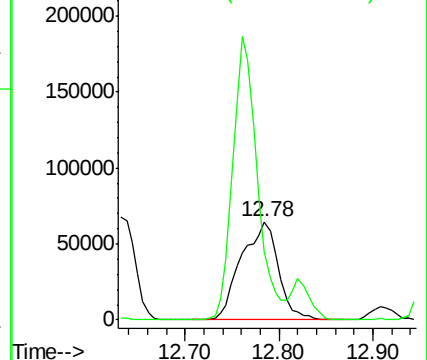
Ion Ratio Lower Upper

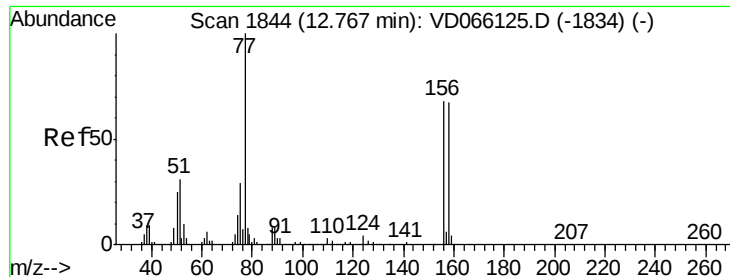
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 48.232 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

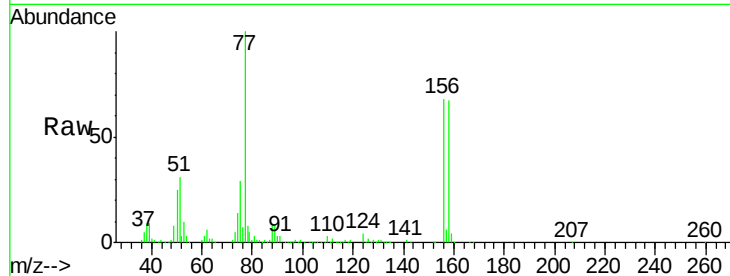
Tgt Ion: 156 Resp: 208577

Ion Ratio Lower Upper

156 100

77 162.1 81.0 243.1

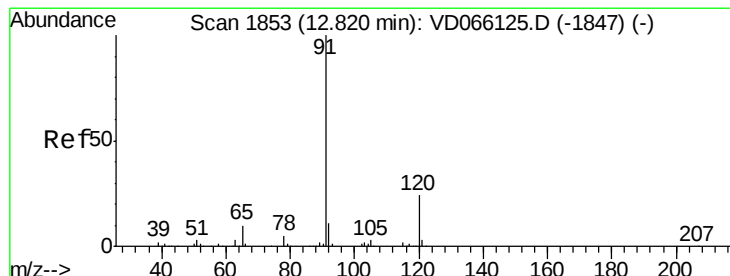
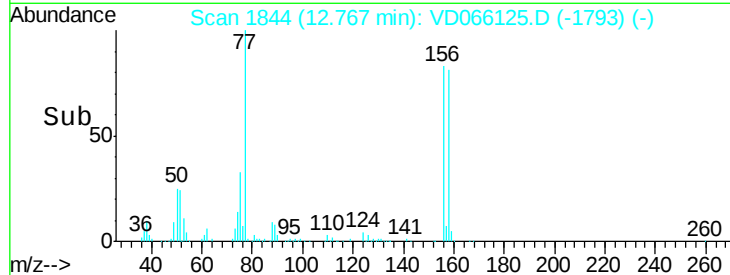
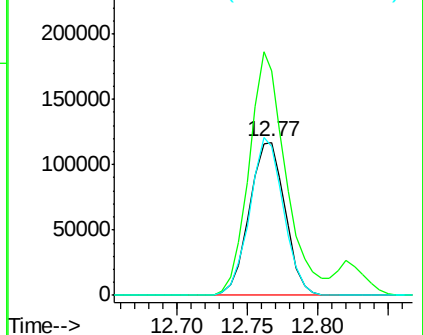
158 97.5 48.8 146.3



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: 48.761 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066125.D

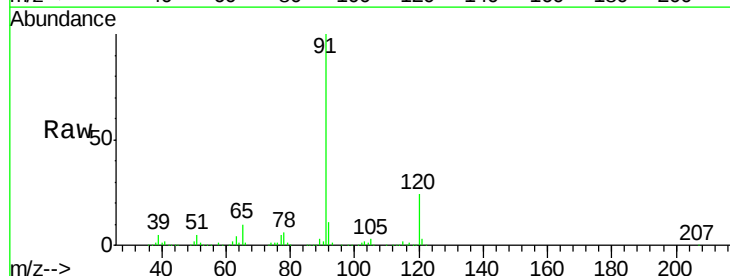
Acq: 05 Aug 2020 11:58

Tgt Ion: 91 Resp: 948654

Ion Ratio Lower Upper

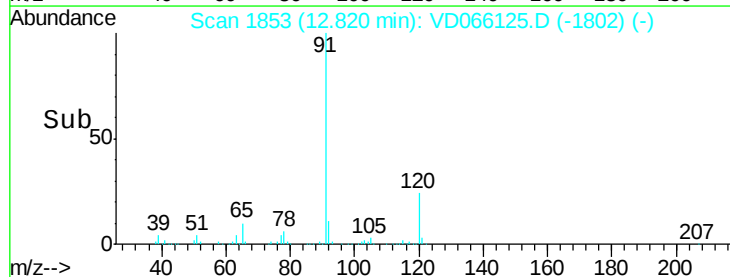
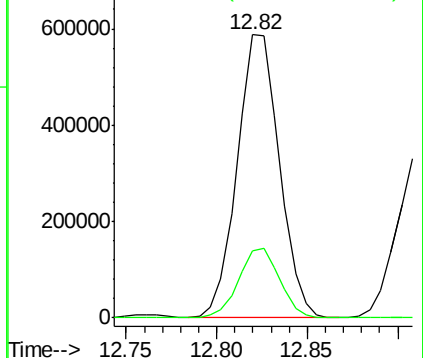
91 100

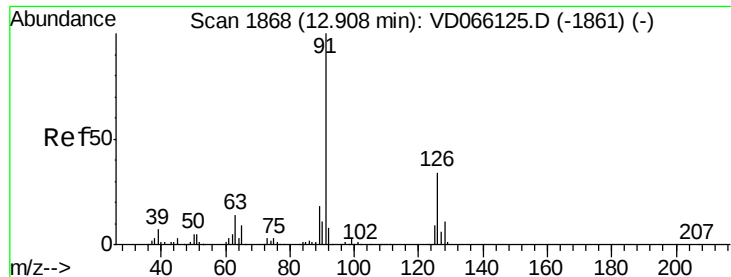
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

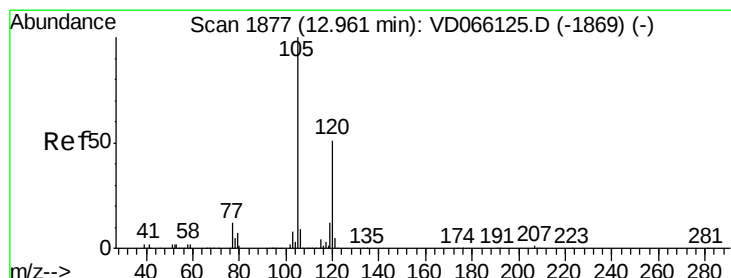
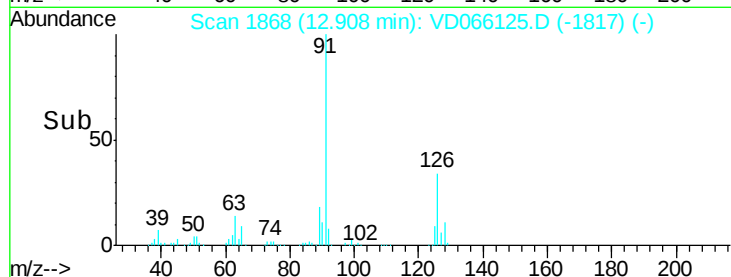
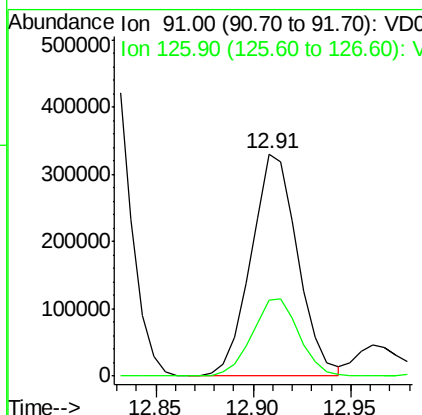
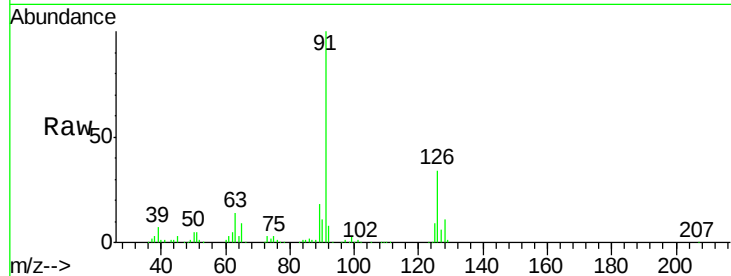




#79
 2-Chlorotoluene
 Concen: 48.846 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

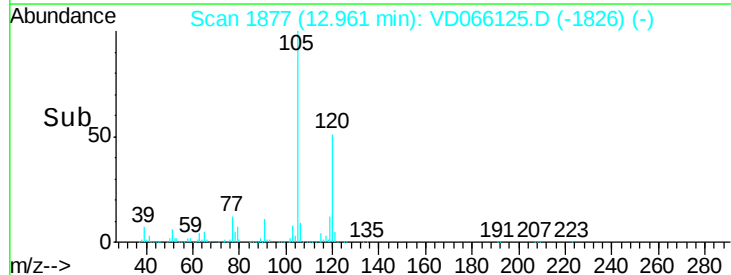
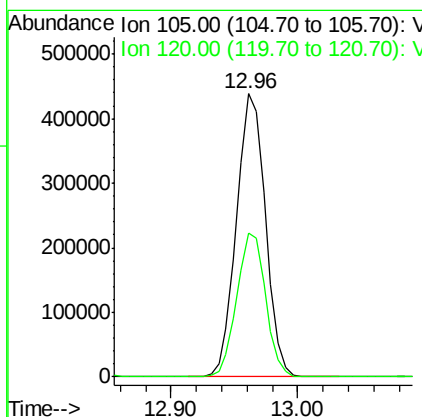
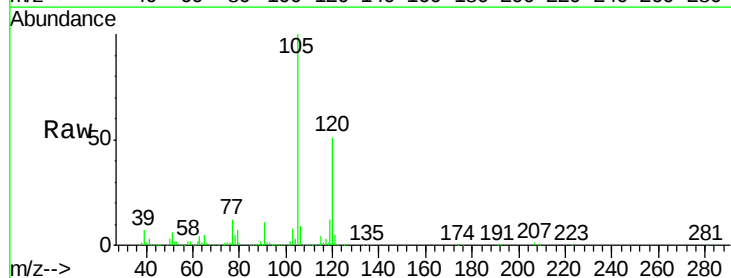
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

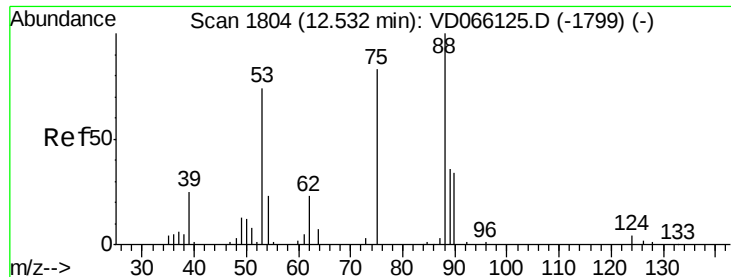
Tgt Ion: 91 Resp: 544952
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 49.731 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

Tgt Ion: 105 Resp: 693839
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.3 75.8

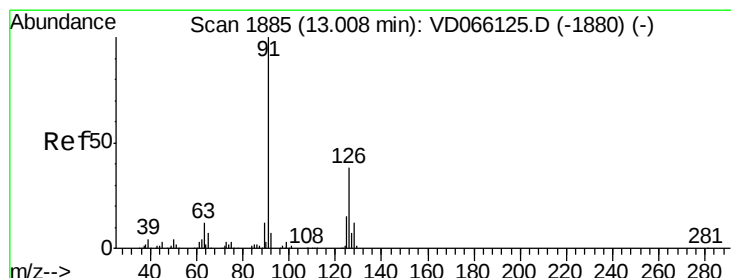
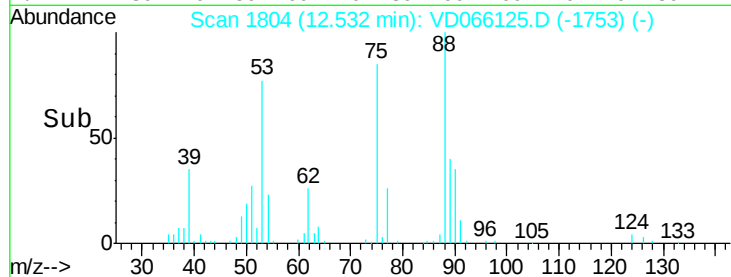
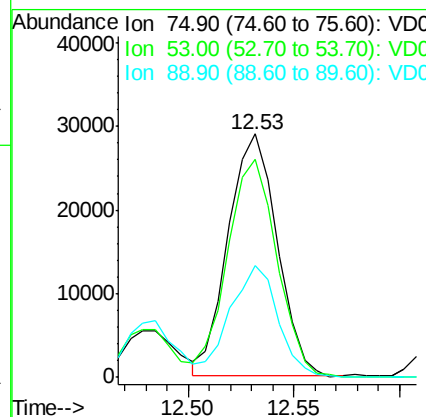
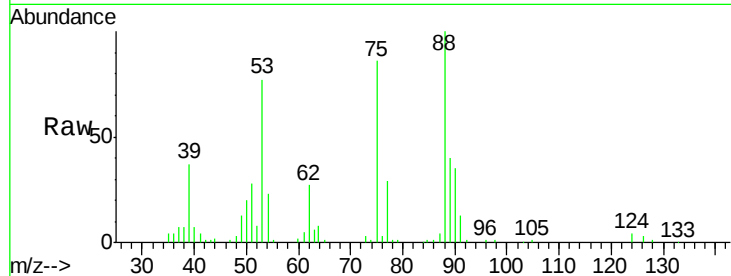




#81
trans-1,4-Dichloro-2-butene
Concen: 49.446 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

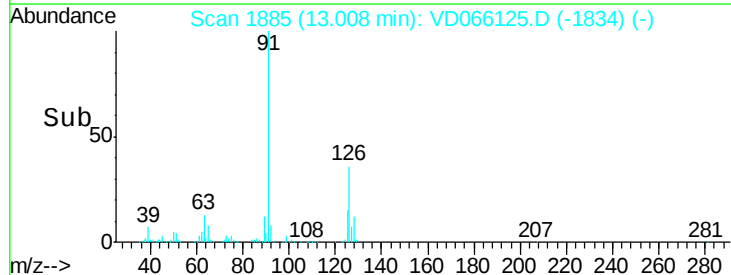
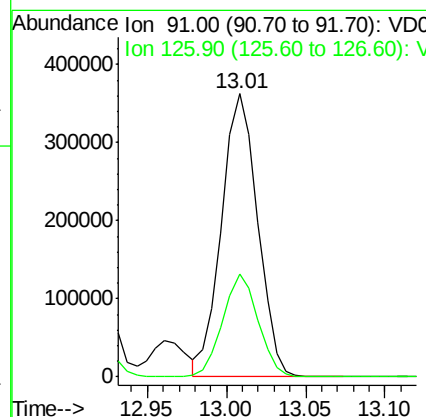
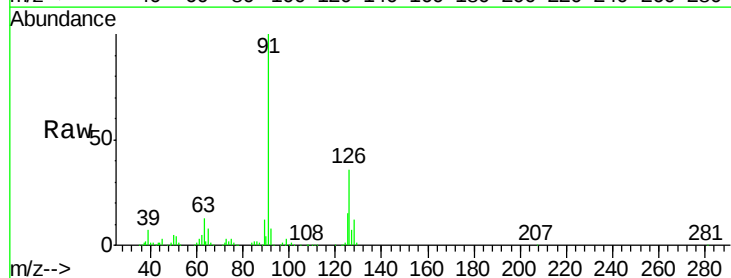
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

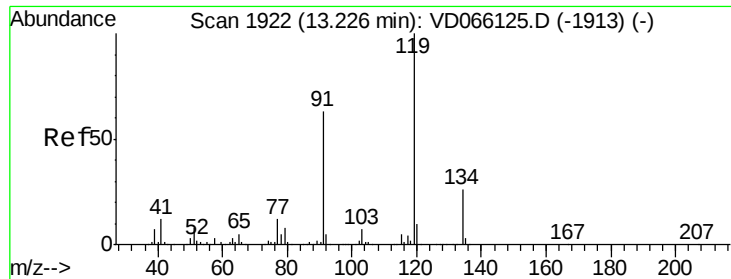
Tgt Ion: 75 Resp: 46268
Ion Ratio Lower Upper
75 100
53 91.8 73.4 110.2
89 45.8 36.6 55.0



#82
4-Chlorotoluene
Concen: 48.633 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Tgt Ion: 91 Resp: 574725
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.3

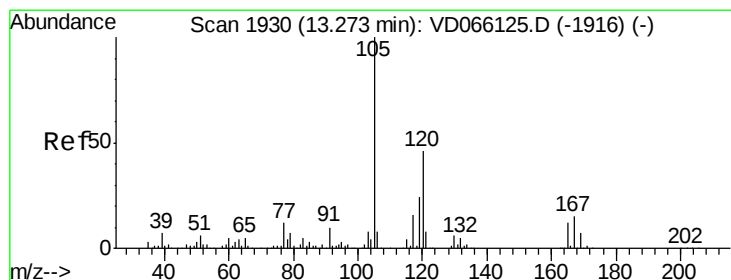
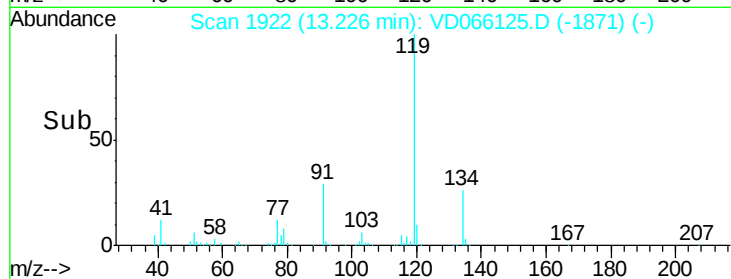
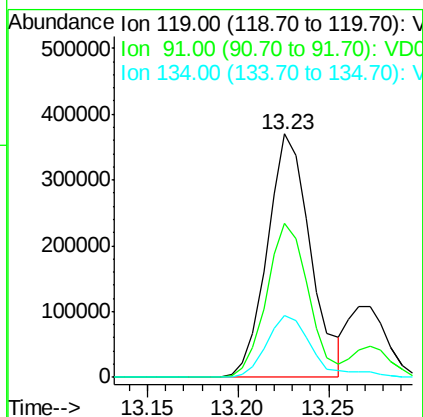
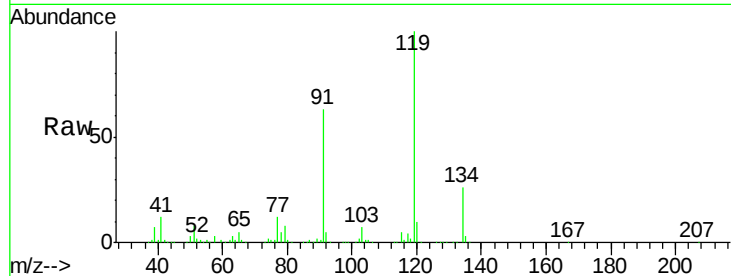




#83
 tert-Butylbenzene
 Concen: 50.311 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

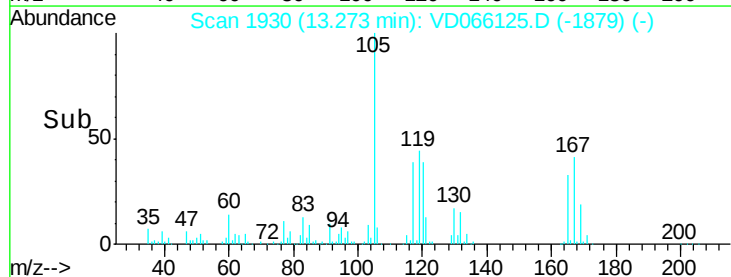
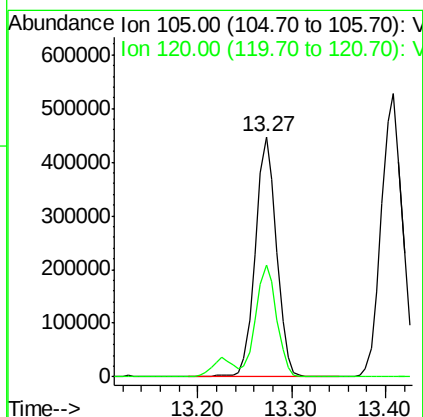
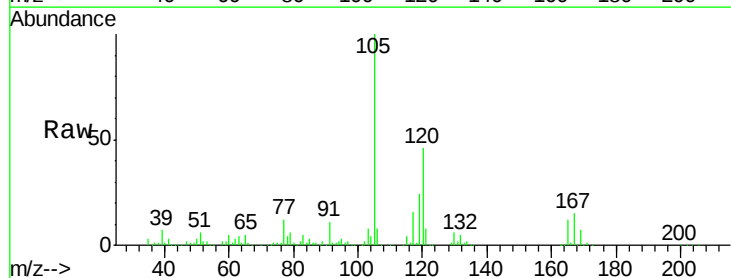
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

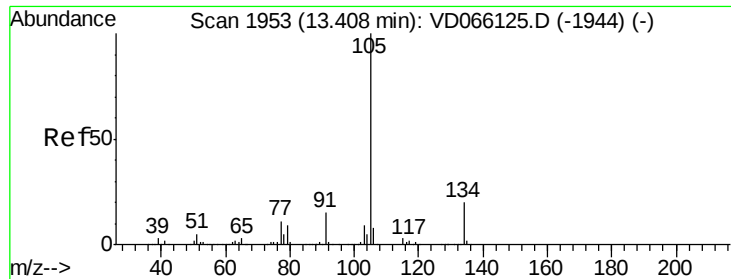
Tgt Ion:119 Resp: 614436
 Ion Ratio Lower Upper
 119 100
 91 61.6 30.8 92.4
 134 27.2 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 49.582 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

Tgt Ion:105 Resp: 695686
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 49.543 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

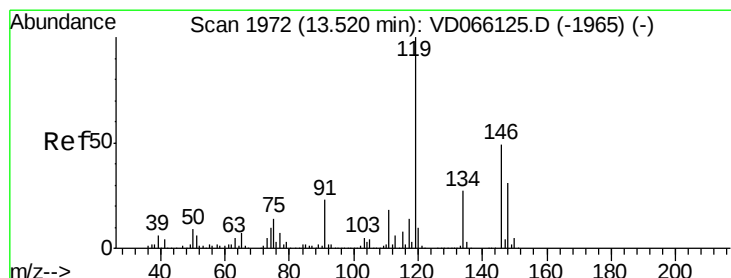
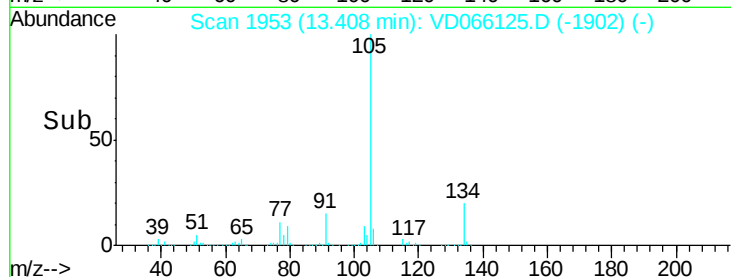
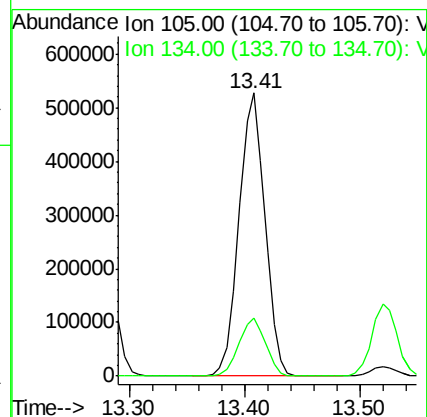
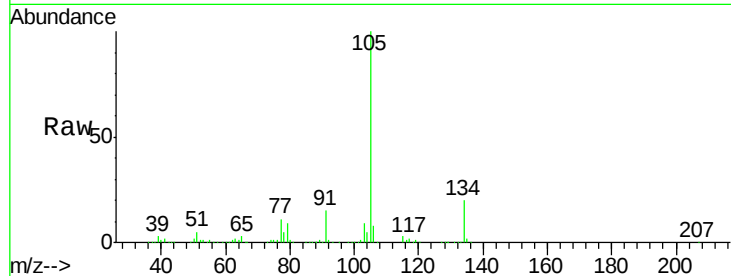
VSTDICCC050

Tgt Ion:105 Resp: 820454

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.4



#86

p-Isopropyltoluene

Concen: 49.168 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

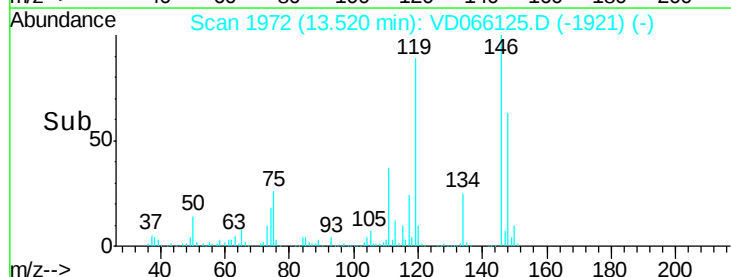
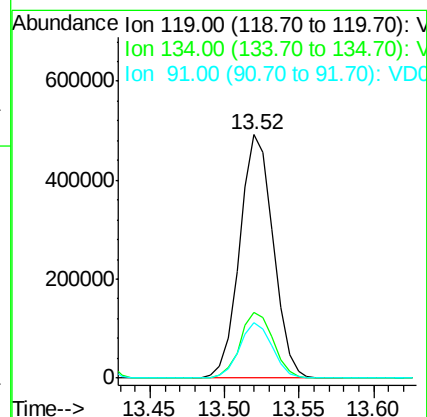
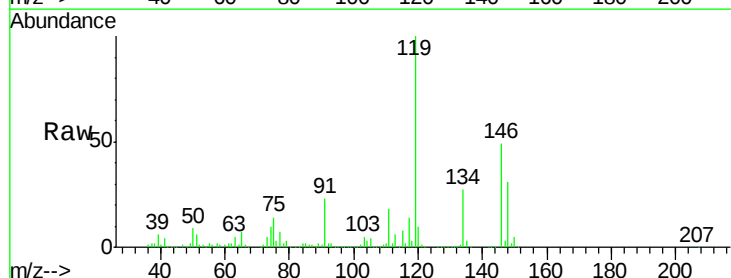
Tgt Ion:119 Resp: 765817

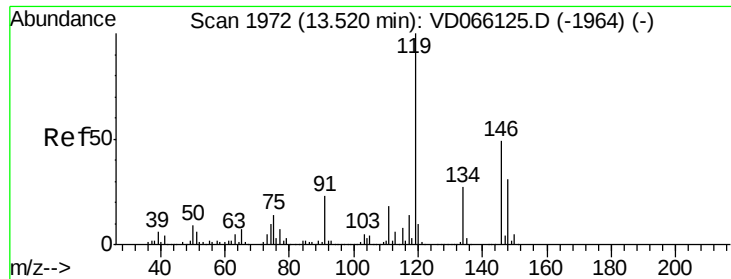
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.3 11.2 33.5

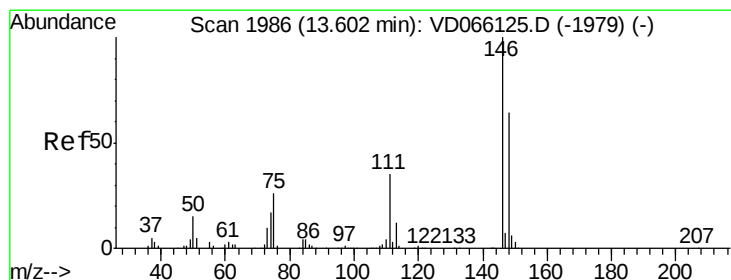
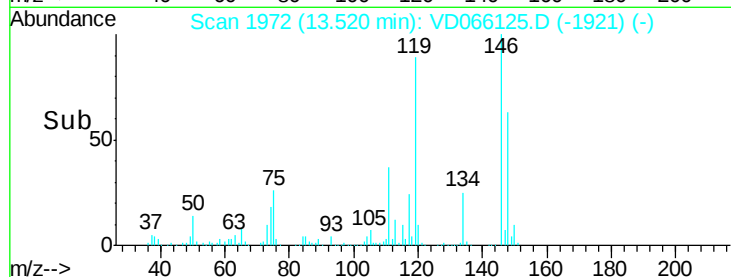
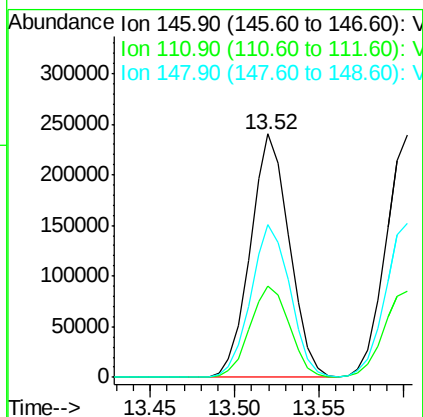
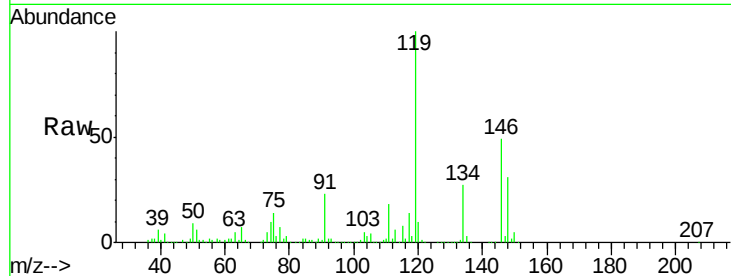




#87
 1,3-Dichlorobenzene
 Concen: 46.869 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

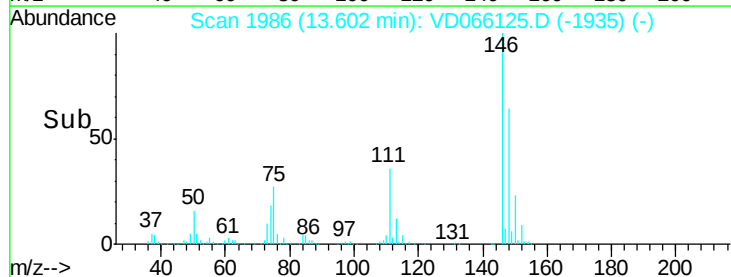
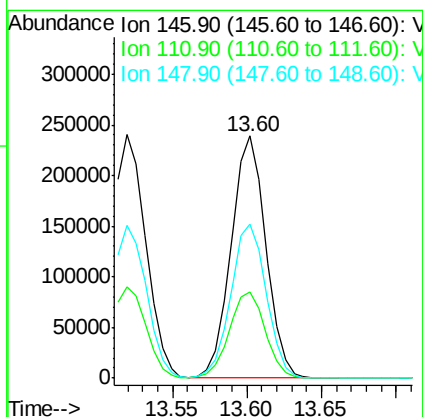
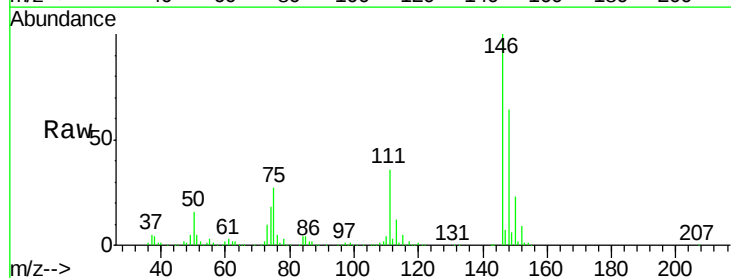
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

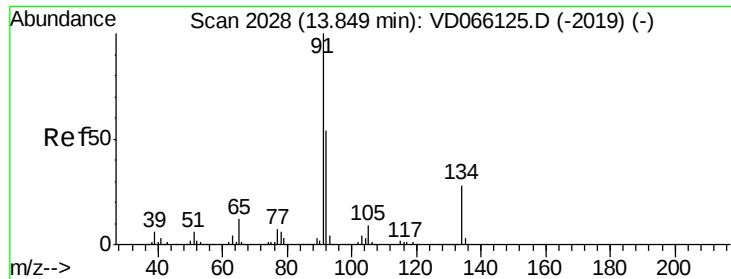
Tgt Ion:146 Resp: 385631
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.463 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

Tgt Ion:146 Resp: 387988
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 64.7 32.4 97.0

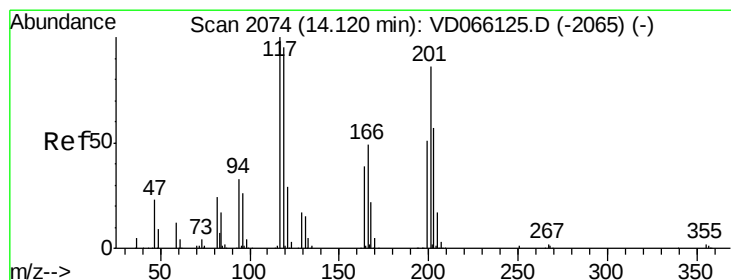
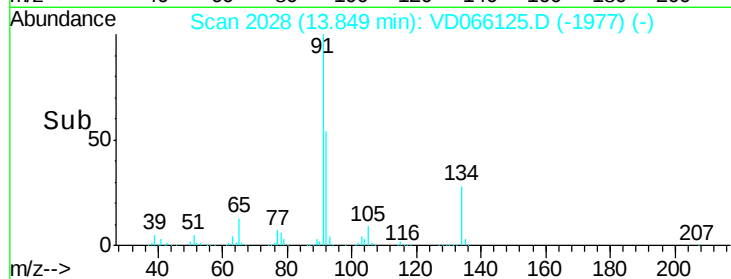
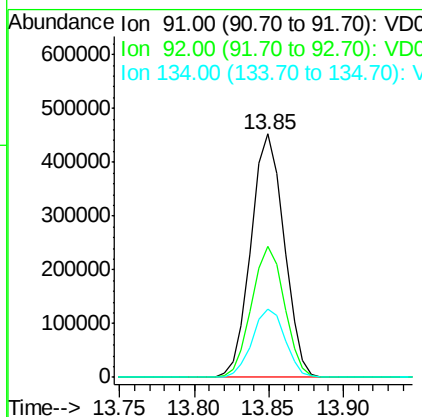
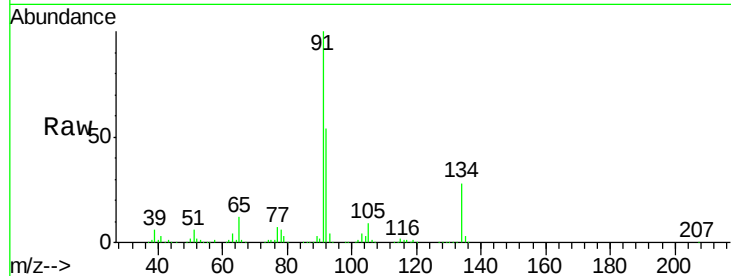




#89
n-Butylbenzene
Concen: 50.222 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

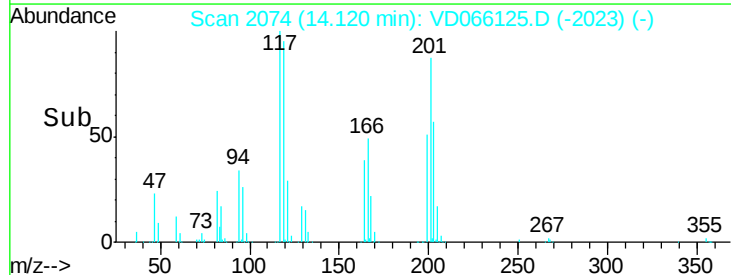
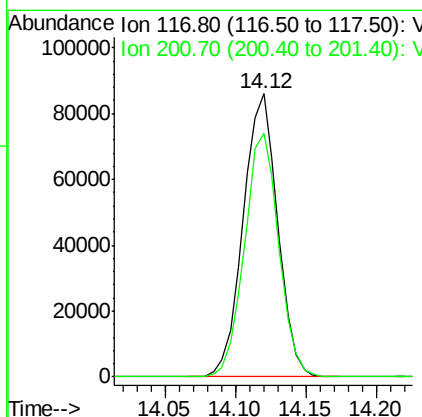
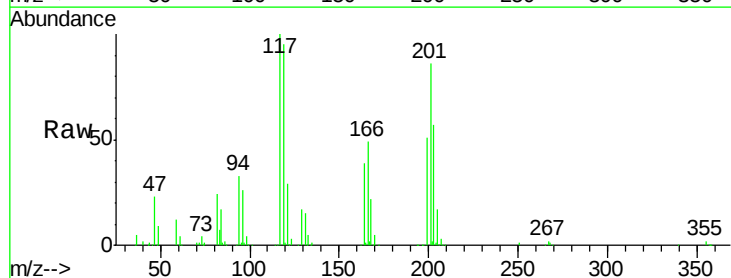
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

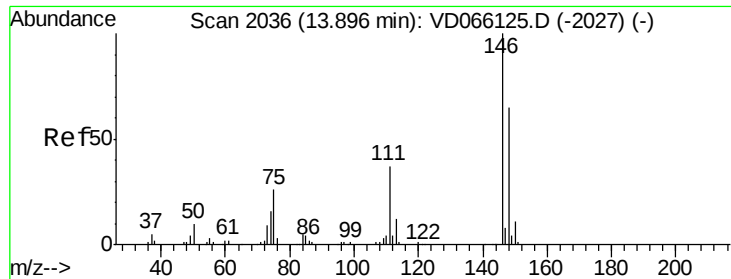
Tgt Ion: 91 Resp: 693757
Ion Ratio Lower Upper
91 100
92 53.5 26.8 80.3
134 27.9 14.0 41.9



#90
Hexachloroethane
Concen: 47.336 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD066125.D
Acq: 05 Aug 2020 11:58

Tgt Ion: 117 Resp: 147305
Ion Ratio Lower Upper
117 100
201 85.4 42.7 128.1

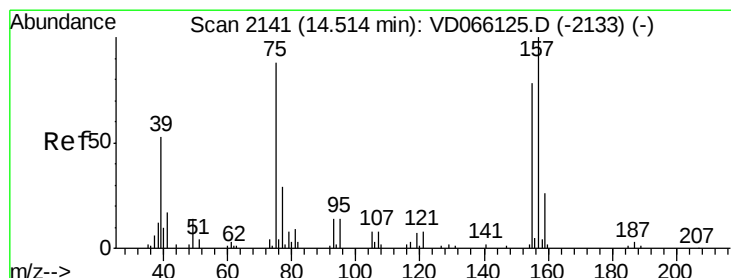
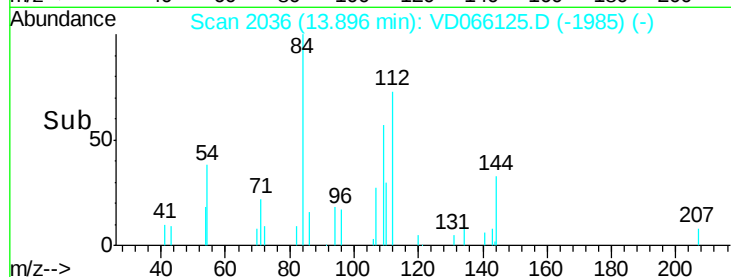
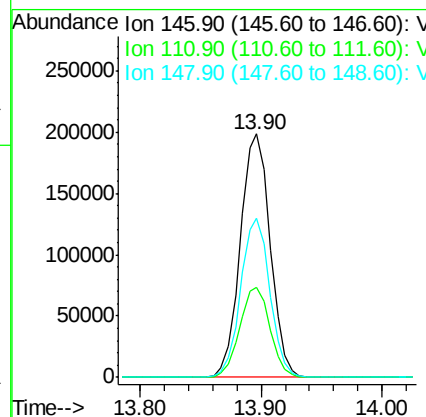
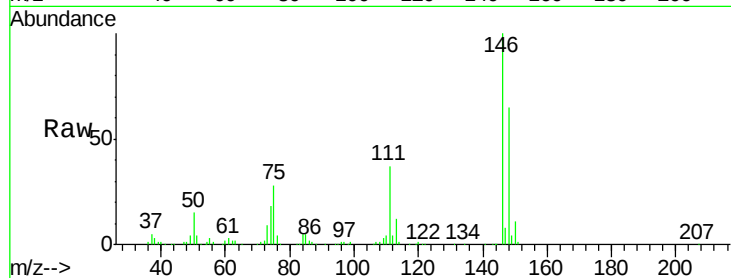




#91
 1,2-Dichlorobenzene
 Concen: 47.159 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

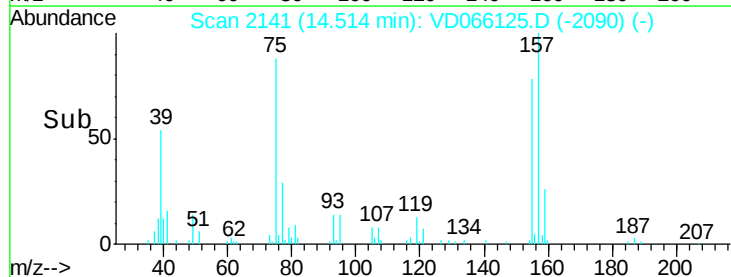
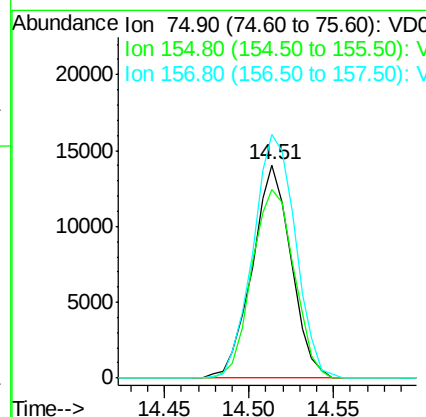
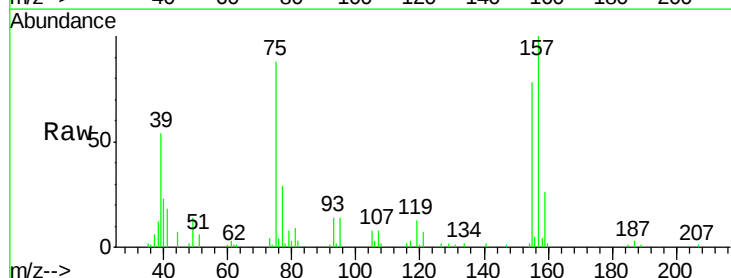
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

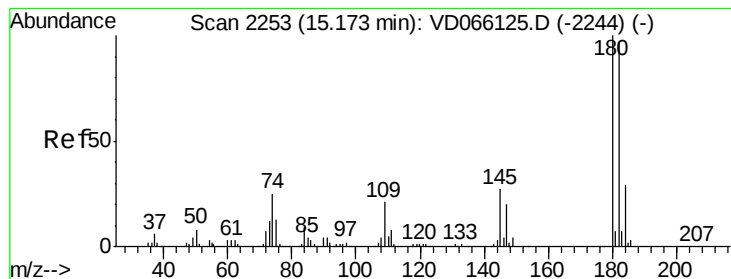
Tgt Ion: 146 Resp: 342199
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.8 56.3
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.870 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066125.D
 Acq: 05 Aug 2020 11:58

Tgt Ion: 75 Resp: 22550
 Ion Ratio Lower Upper
 75 100
 155 95.4 47.7 143.1
 157 124.1 62.1 186.2





#93

1,2,4-Trichlorobenzene

Concen: 49.719 ug/l

RT: 15.17 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

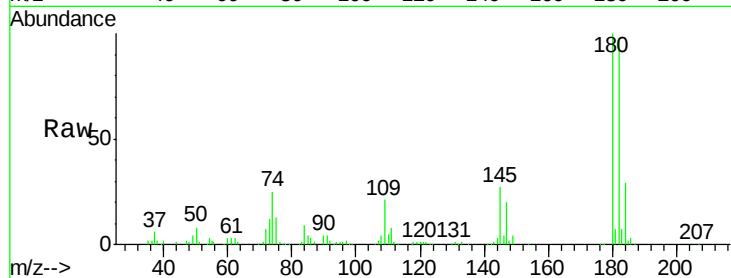
Tgt Ion:180 Resp: 258923

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.2

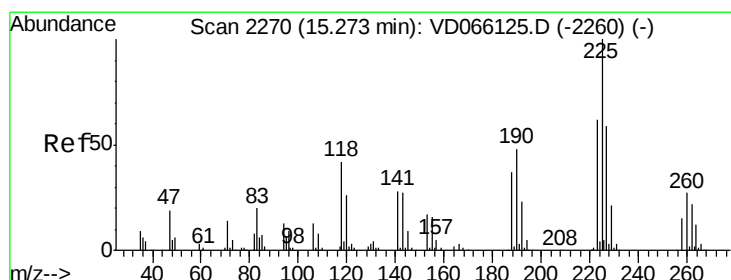
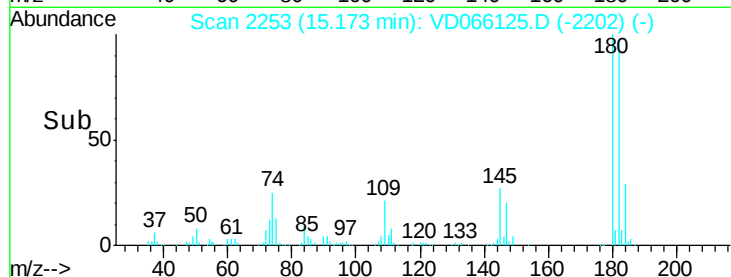
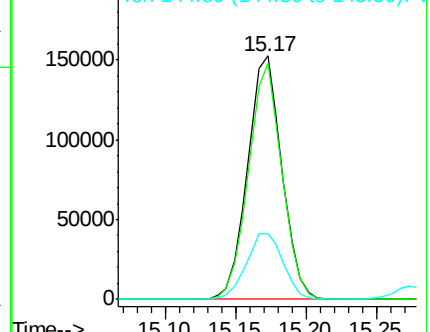
145 29.1 14.5 43.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 48.209 ug/l

RT: 15.27 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

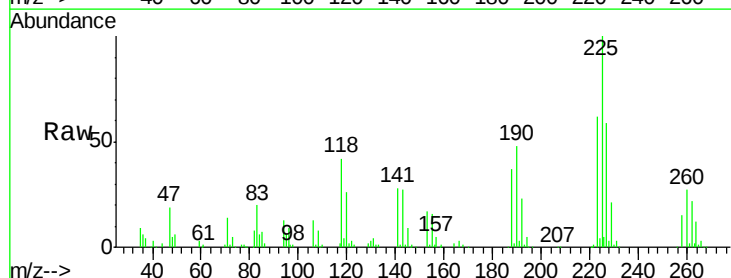
Tgt Ion:225 Resp: 149085

Ion Ratio Lower Upper

225 100

223 64.6 32.3 96.9

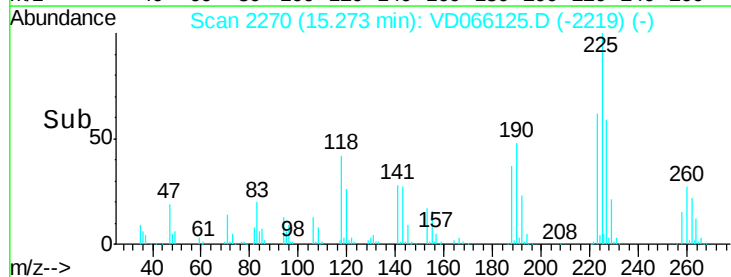
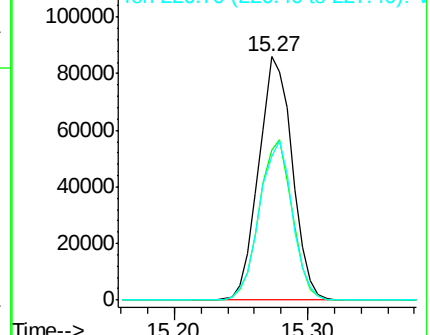
227 64.3 32.1 96.5

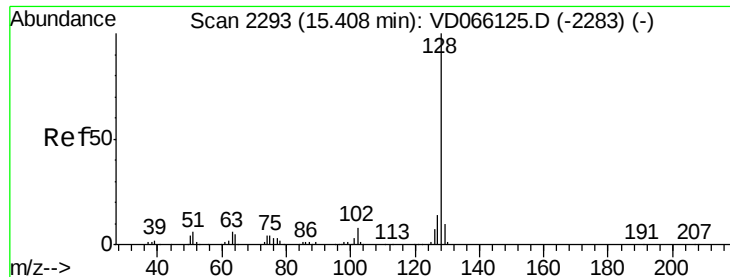


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.040 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

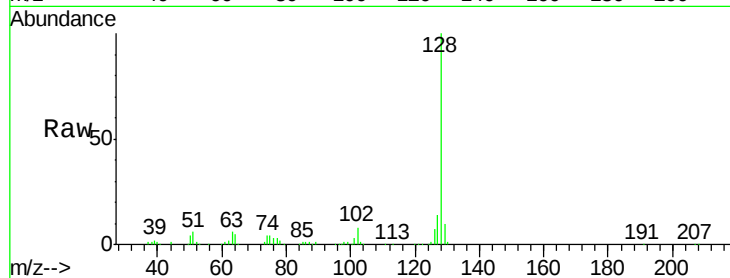
Tgt Ion:128 Resp: 435767

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

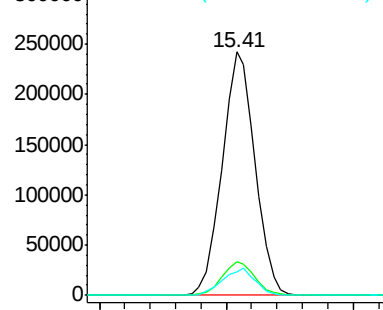
129 11.0 8.8 13.2



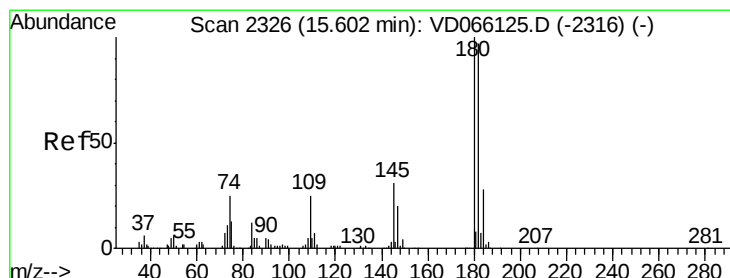
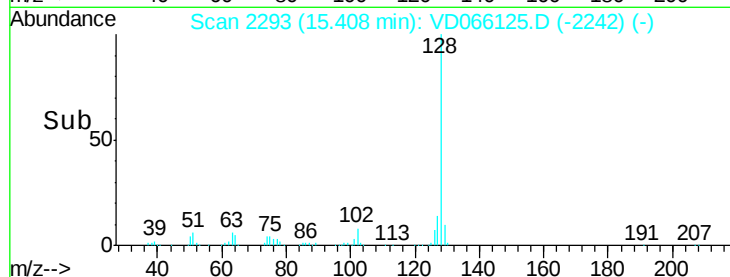
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 15.30 15.40 15.50



#96

1,2,3-Trichlorobenzene

Concen: 49.725 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066125.D

Acq: 05 Aug 2020 11:58

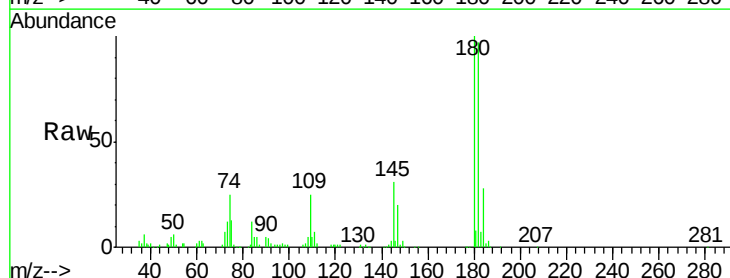
Tgt Ion:180 Resp: 229315

Ion Ratio Lower Upper

180 100

182 94.3 47.1 141.4

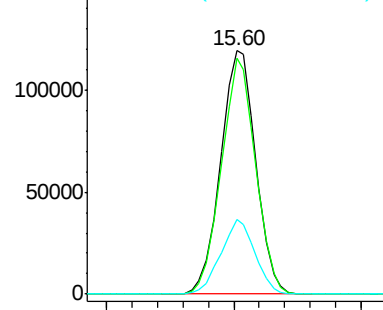
145 29.9 14.9 44.9



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



Time--> 15.50 15.60

