

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080520\
 Data File : VD066128.D
 Acq On : 05 Aug 2020 13:49
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

Quant Time: Aug 06 03:07:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	355562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	511723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	472939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	239919	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	169299	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
35) Dibromofluoromethane	7.91	113	174131	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
50) Toluene-d8	10.34	98	646304	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
62) 4-Bromofluorobenzene	12.63	95	227654	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	145459	46.434	ug/l	100
3) Chloromethane	2.20	50	114814	47.116	ug/l	97
4) Vinyl Chloride	2.34	62	107637	49.892	ug/l	98
5) Bromomethane	2.76	94	71051	49.639	ug/l	95
6) Chloroethane	2.91	64	64354	48.595	ug/l	96
7) Trichlorofluoromethane	3.26	101	278838	49.575	ug/l	99
8) Diethyl Ether	3.70	74	83483	52.603	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	168132	50.369	ug/l	99
10) Methyl Iodide	4.29	142	159314	52.099	ug/l	98
11) Tert butyl alcohol	5.22	59	60986	258.805	ug/l	99
12) 1,1-Dichloroethene	4.06	96	158277	50.264	ug/l	98
13) Acrolein	3.92	56	59665	236.300	ug/l	98
14) Allyl chloride	4.71	41	248451	52.081	ug/l	99
15) Acrylonitrile	5.42	53	178365	266.708	ug/l	98
16) Acetone	4.15	43	157968	262.452	ug/l	96
17) Carbon Disulfide	4.40	76	504919	50.431	ug/l	95
18) Methyl Acetate	4.71	43	77083	50.420	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	377916	52.361	ug/l	100
20) Methylene Chloride	4.96	84	180148	52.334	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	185649	51.322	ug/l	92
22) Diisopropyl ether	6.36	45	498845	52.879	ug/l	95
23) Vinyl Acetate	6.30	43	1486778	269.019	ug/l	100
24) 1,1-Dichloroethane	6.26	63	296040	50.707	ug/l	98
25) 2-Butanone	7.21	43	223427	252.382	ug/l	99
26) 2,2-Dichloropropane	7.20	77	265938	50.823	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	195996	51.657	ug/l	100
28) Bromochloromethane	7.55	49	106614	51.994	ug/l	99
29) Tetrahydrofuran	7.56	42	142538	259.877	ug/l	100
30) Chloroform	7.71	83	312448	50.968	ug/l	100
31) Cyclohexane	7.98	56	272087	48.959	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	290835	50.599	ug/l	99
36) 1,1-Dichloropropene	8.11	75	246412	51.244	ug/l	99
37) Ethyl Acetate	7.29	43	102373	53.732	ug/l	97
38) Carbon Tetrachloride	8.10	117	273819	51.063	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	306859	52.789	ug/l	97
40) Benzene	8.35	78	691111	51.809	ug/l	95
41) Methacrylonitrile	7.51	41	47477	42.381	ug/l #	82
42) 1,2-Dichloroethane	8.42	62	201479	51.414	ug/l	99
43) Isopropyl Acetate	8.45	43	200510	53.414	ug/l	99
44) Trichloroethene	9.11	130	207169	51.539	ug/l	89
45) 1,2-Dichloropropane	9.38	63	169454	51.940	ug/l	95
46) Dibromomethane	9.47	93	92409	51.422	ug/l	99
47) Bromodichloromethane	9.66	83	244583	51.495	ug/l	96
48) Methyl methacrylate	9.45	41	96310	50.245	ug/l	91
49) 1,4-Dioxane	9.46	88	24384	1056.141	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	506321	262.584	ug/l	99
52) Toluene	10.40	92	455746	51.921	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	238109	52.826	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	280044	53.028	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	130391	50.389	ug/l	92
56) Ethyl methacrylate	10.66	69	168920	54.340	ug/l	99
57) 1,3-Dichloropropane	10.94	76	222445	51.780	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	354307	253.388	ug/l	100
59) 2-Hexanone	10.98	43	357411	264.111	ug/l	100
60) Dibromochloromethane	11.14	129	180685	50.576	ug/l	98
61) 1,2-Dibromoethane	11.25	107	129796	52.156	ug/l	98
64) Tetrachloroethene	10.87	164	184821	50.892	ug/l	98
65) Chlorobenzene	11.67	112	501629	52.249	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	189805	50.527	ug/l	99
67) Ethyl Benzene	11.75	91	873472	52.501	ug/l	97
68) m/p-Xylenes	11.86	106	664224	103.045	ug/l	98
69) o-Xylene	12.18	106	308214	52.563	ug/l	100
70) Styrene	12.20	104	543515	52.890	ug/l	99
71) Bromoform	12.36	173	112501	50.547	ug/l #	99
73) Isopropylbenzene	12.48	105	855559	53.422	ug/l	99
74) N-amyl acetate	12.29	43	194897	55.264	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	143487	52.543	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	188972	94.450	ug/l #	100
77) Bromobenzene	12.77	156	217944	52.865	ug/l	98
78) n-propylbenzene	12.83	91	1006317	54.055	ug/l	100
79) 2-Chlorotoluene	12.91	91	561479	52.734	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	715914	53.452	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	49777	54.997	ug/l	99
82) 4-Chlorotoluene	13.01	91	592285	52.695	ug/l	100
83) tert-Butylbenzene	13.23	119	634201	53.842	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	711292	53.066	ug/l	99
85) sec-Butylbenzene	13.41	105	861133	54.149	ug/l	100
86) p-Isopropyltoluene	13.52	119	793219	53.181	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	398780	51.467	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	408728	52.894	ug/l	99
89) n-Butylbenzene	13.85	91	729514	54.589	ug/l	99
90) Hexachloroethane	14.12	117	151150	50.811	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	351797	51.339	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24258	51.684	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
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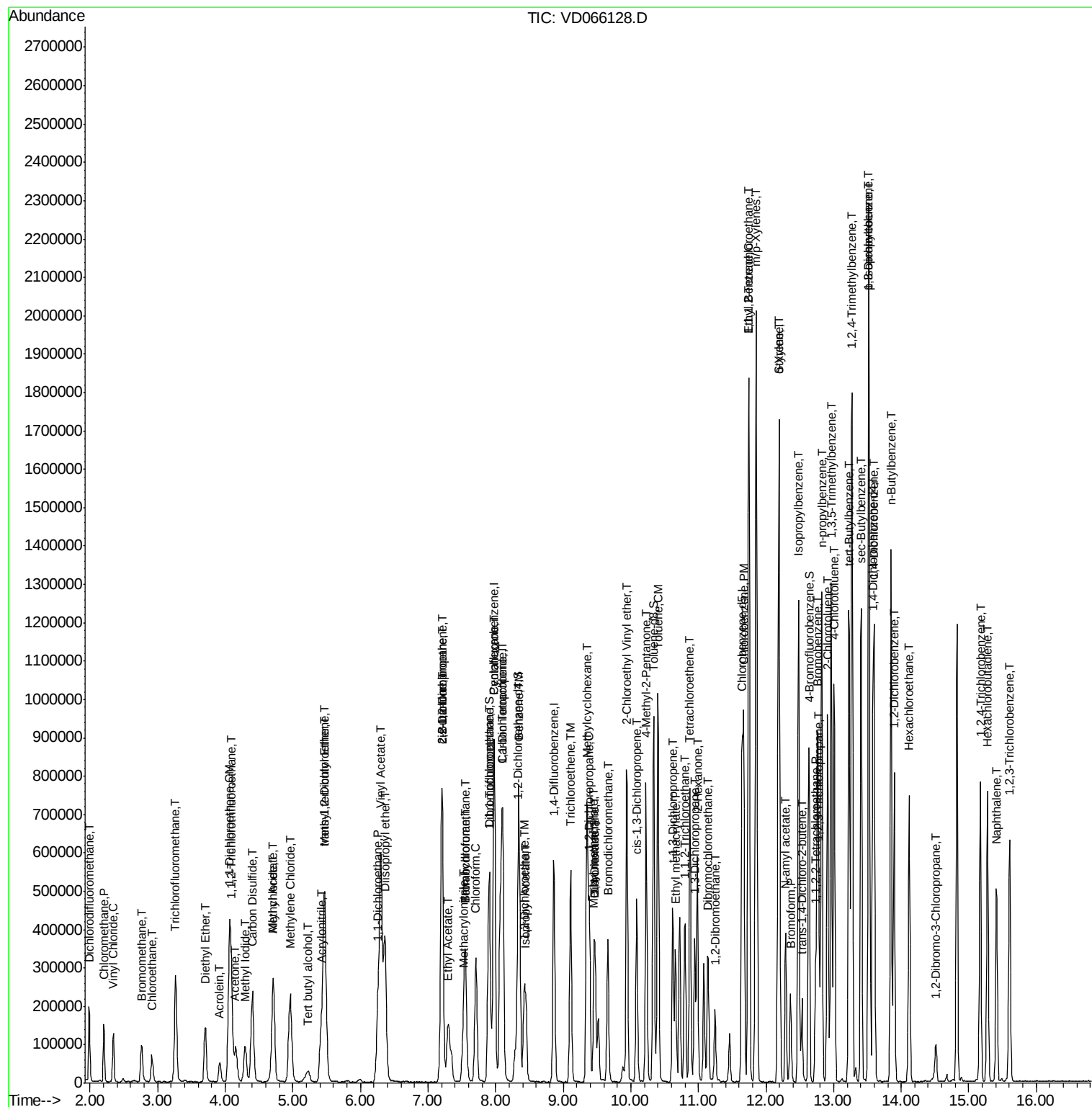
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	264200	52.319	ug/l	98
94) Hexachlorobutadiene	15.28	225	158924	53.444	ug/l	98
95) Naphthalene	15.41	128	452158	54.952	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	234230	52.543	ug/l	98

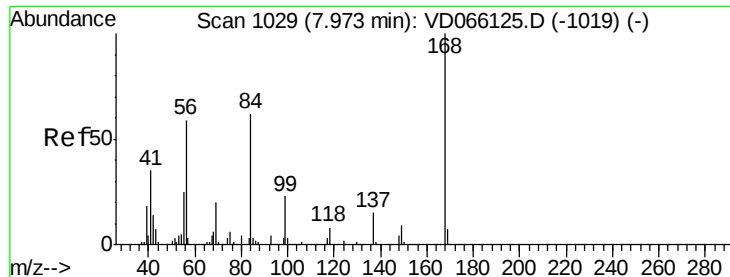
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD080520\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

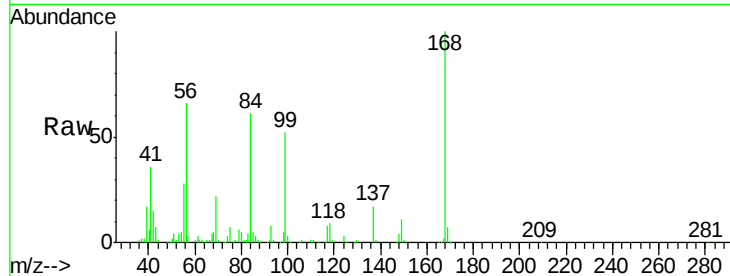
ICVVD080520

Tgt Ion:168 Resp: 355562

Ion Ratio Lower Upper

168 100

99 51.5 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

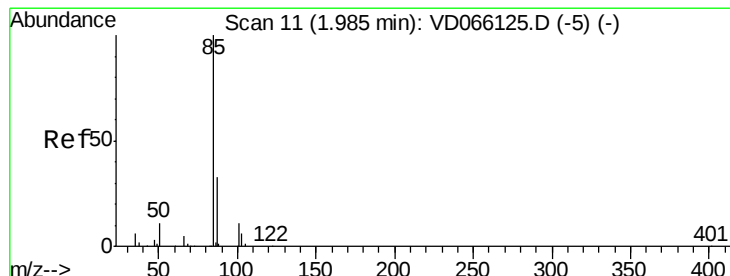
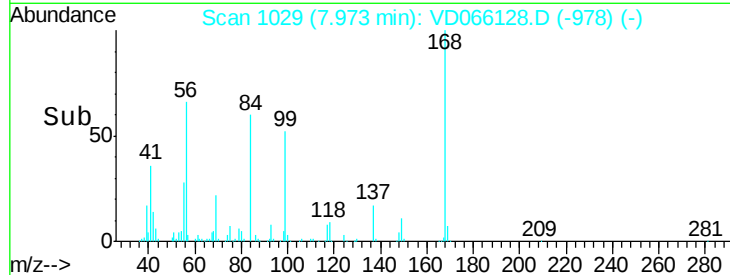
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.434 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066128.D

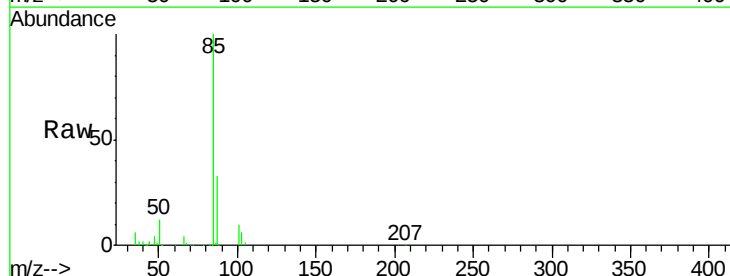
Acq: 05 Aug 2020 13:49

Tgt Ion: 85 Resp: 145459

Ion Ratio Lower Upper

85 100

87 32.6 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

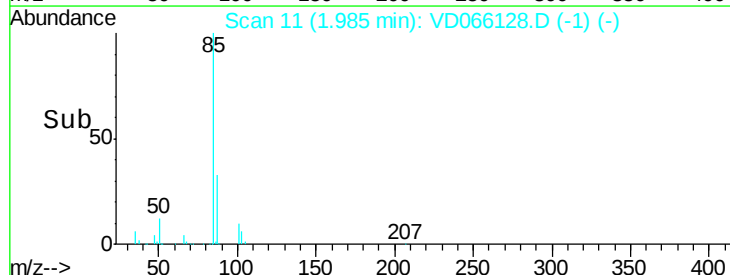
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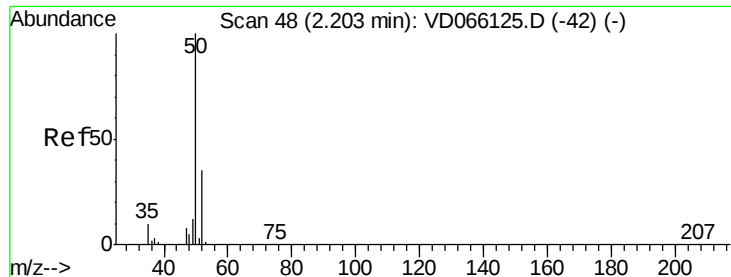
40000

20000

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Time-->





#3

Chloromethane

Concen: 47.116 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

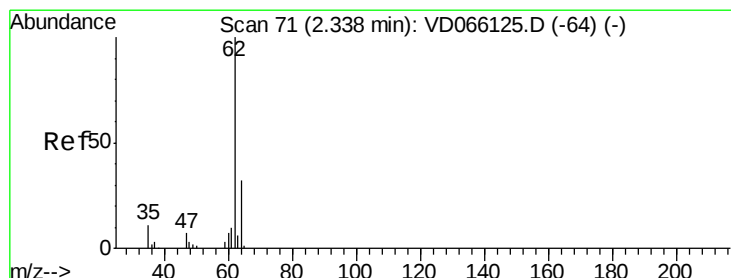
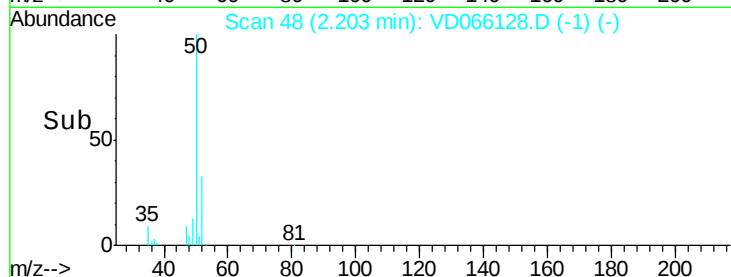
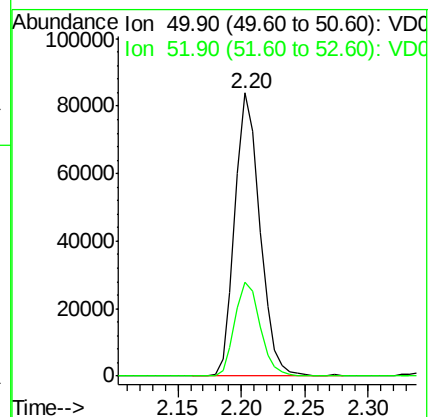
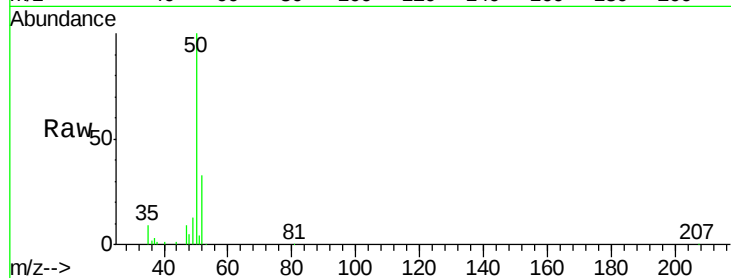
ICVVD080520

Tgt Ion: 50 Resp: 114814

Ion Ratio Lower Upper

50 100

52 33.0 27.9 41.9



#4

Vinyl Chloride

Concen: 49.892 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066128.D

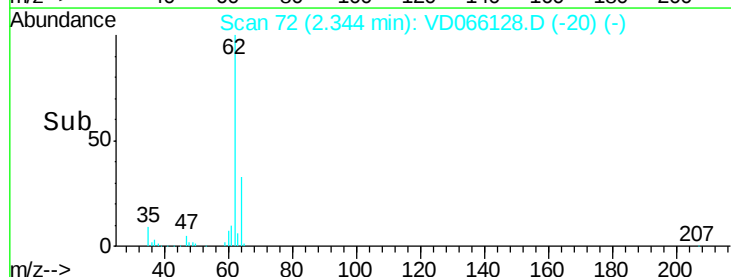
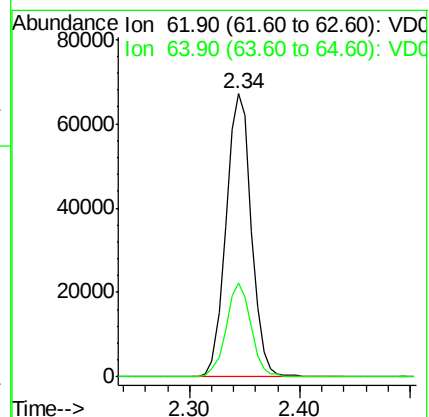
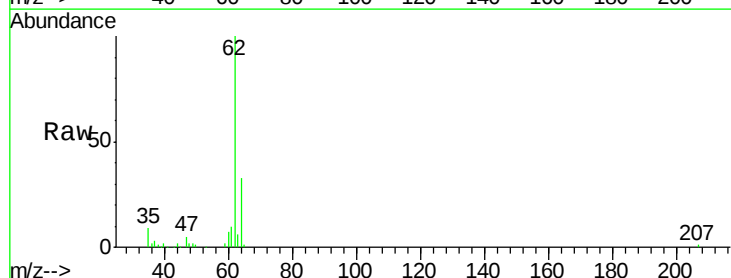
Acq: 05 Aug 2020 13:49

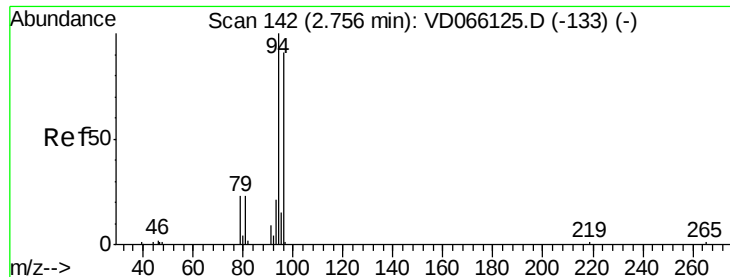
Tgt Ion: 62 Resp: 107637

Ion Ratio Lower Upper

62 100

64 33.3 25.8 38.8





#5

Bromomethane

Concen: 49.639 ug/l

RT: 2.76 min Scan# 143

Delta R.T. 0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

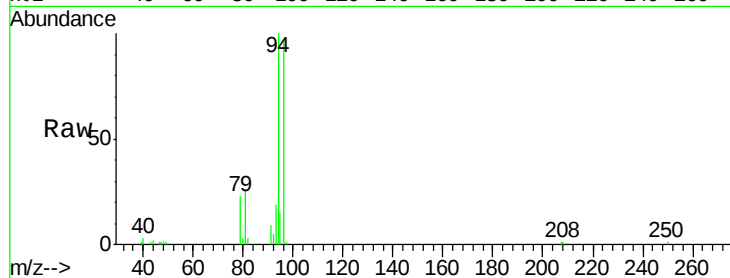
ICVVD080520

Tgt Ion: 94 Resp: 71051

Ion Ratio Lower Upper

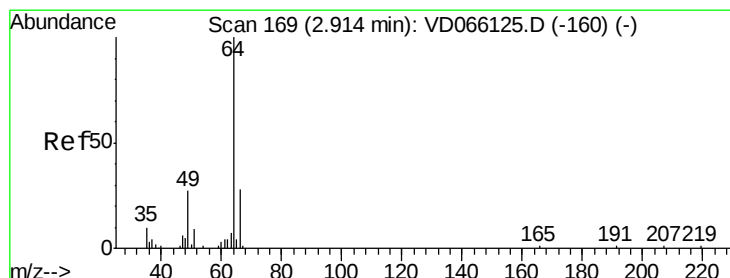
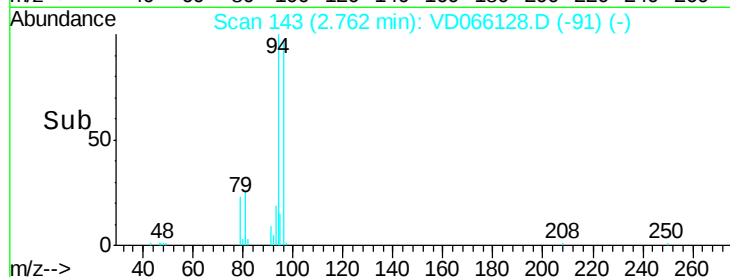
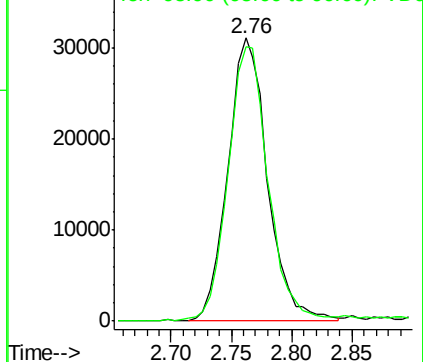
94 100

96 95.8 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.595 ug/l

RT: 2.91 min Scan# 169

Delta R.T. 0.00 min

Lab File: VD066128.D

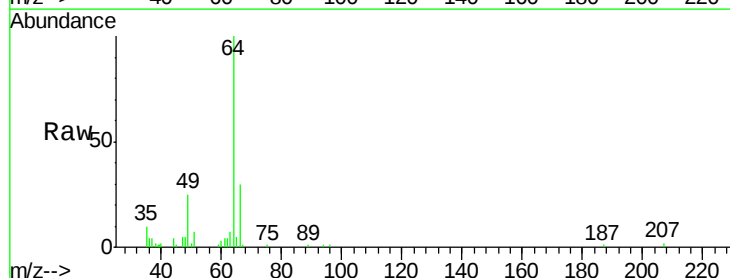
Acq: 05 Aug 2020 13:49

Tgt Ion: 64 Resp: 64354

Ion Ratio Lower Upper

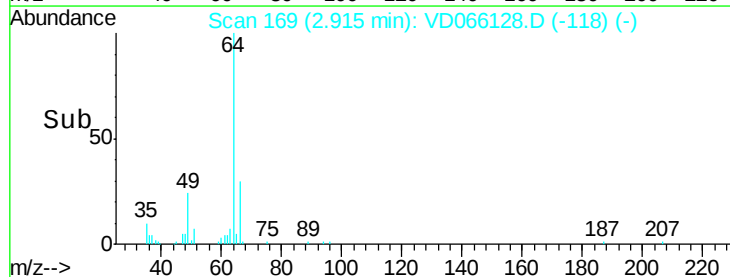
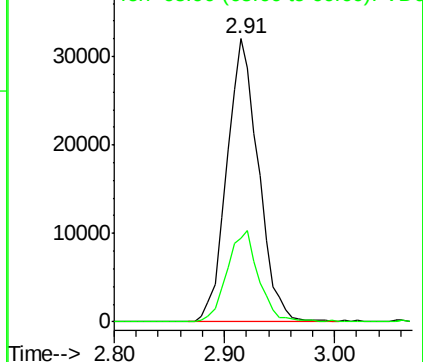
64 100

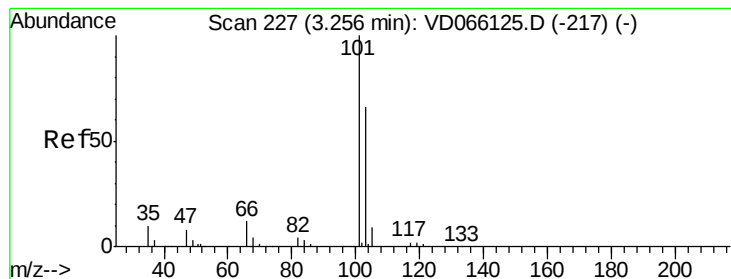
66 29.6 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



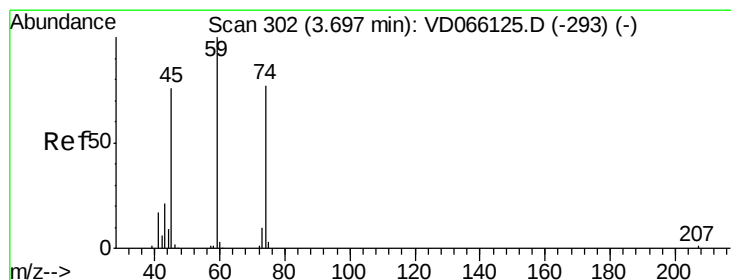
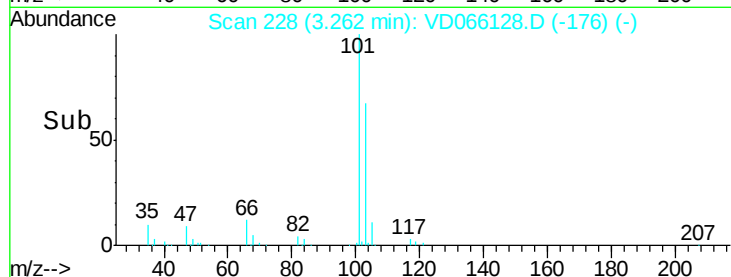
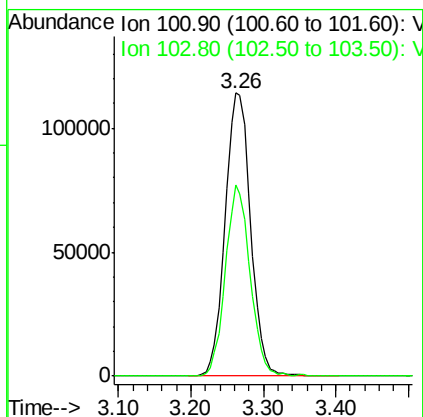
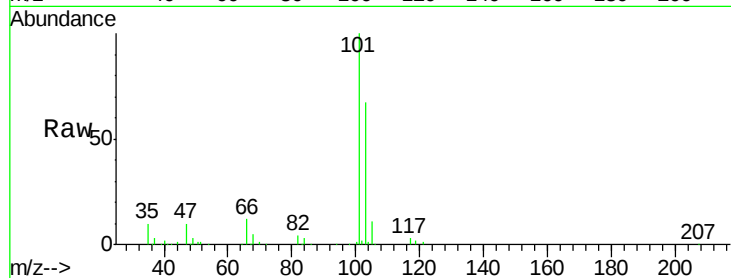


#7

Trichlorofluoromethane
Concen: 49.575 ug/l
RT: 3.26 min Scan# 228
Delta R.T. 0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
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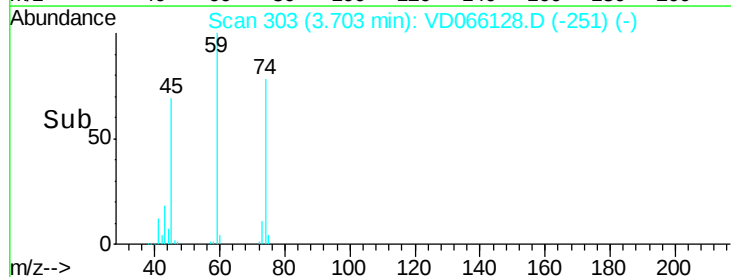
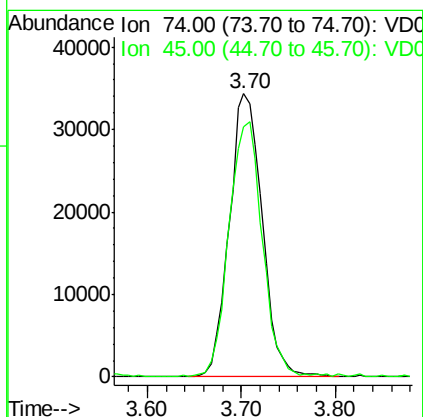
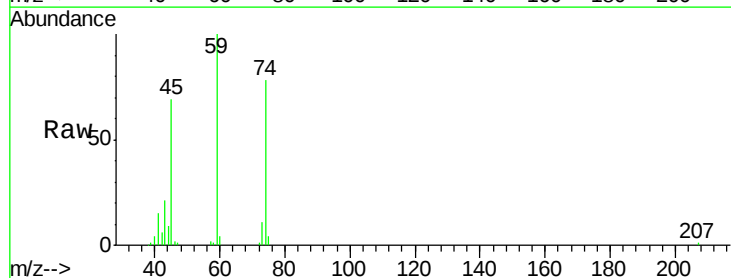
Tgt Ion:101 Resp: 278838
Ion Ratio Lower Upper
101 100
103 67.5 53.0 79.6

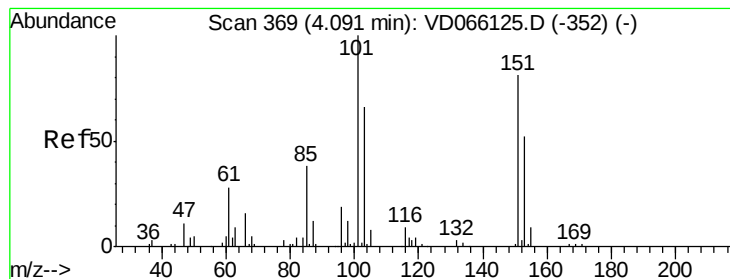


#8

Diethyl Ether
Concen: 52.603 ug/l
RT: 3.70 min Scan# 303
Delta R.T. 0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion: 74 Resp: 83483
Ion Ratio Lower Upper
74 100
45 91.5 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.369 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

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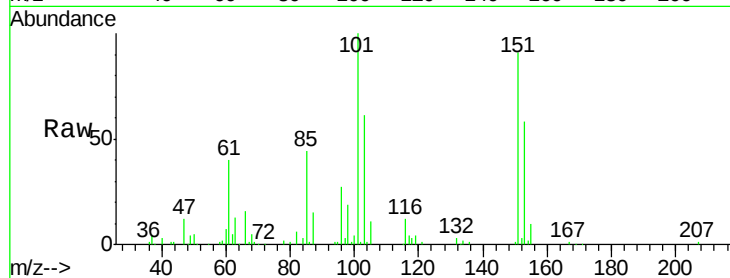
Tgt Ion:101 Resp: 168132

Ion Ratio Lower Upper

101 100

85 42.8 33.5 50.3

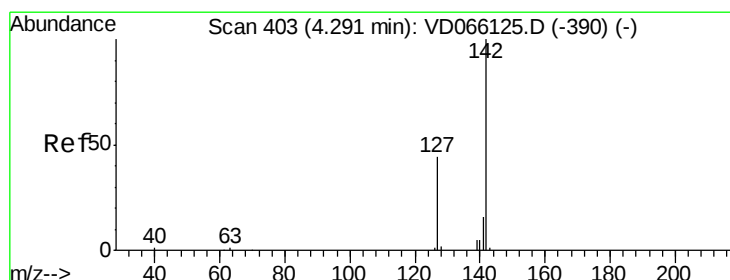
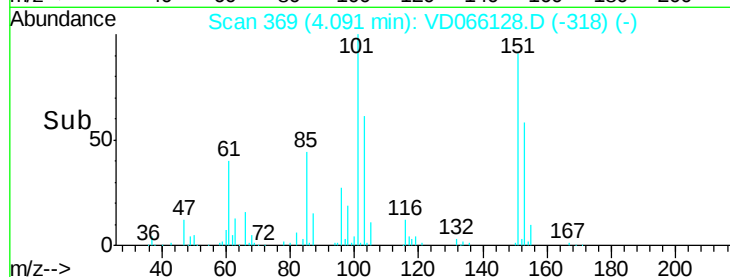
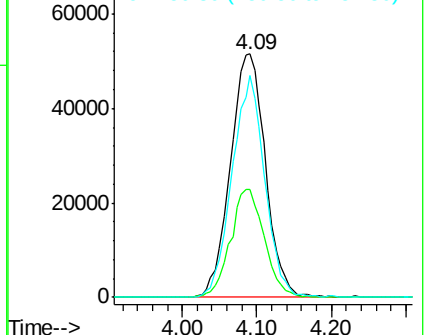
151 84.7 67.8 101.8



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: 52.099 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

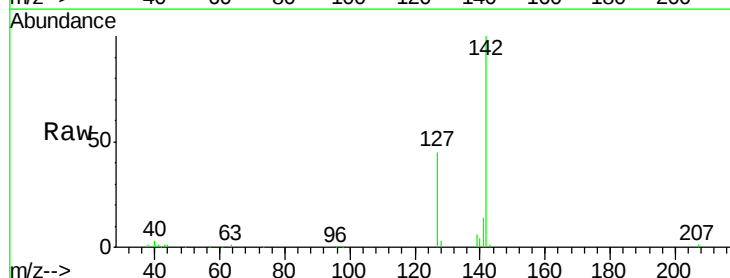
Tgt Ion:142 Resp: 159314

Ion Ratio Lower Upper

142 100

127 44.0 36.2 54.4

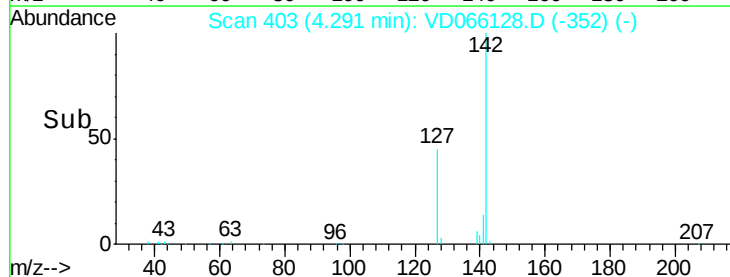
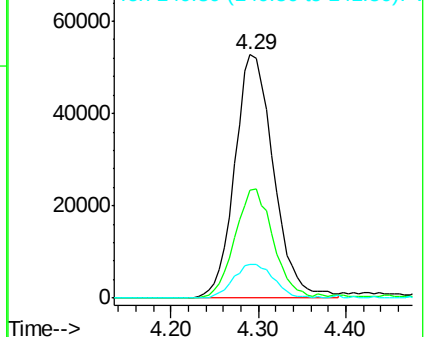
141 14.4 12.6 18.8

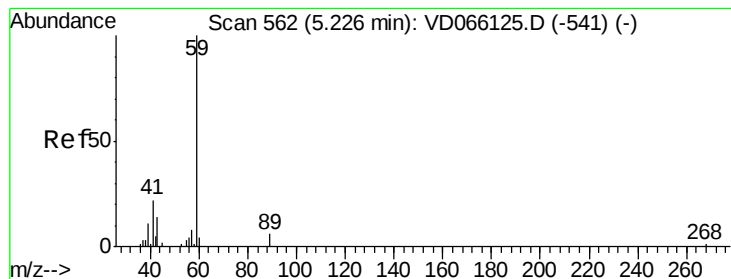


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 258.805 ug/l

RT: 5.22 min Scan# 561

Delta R.T. -0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

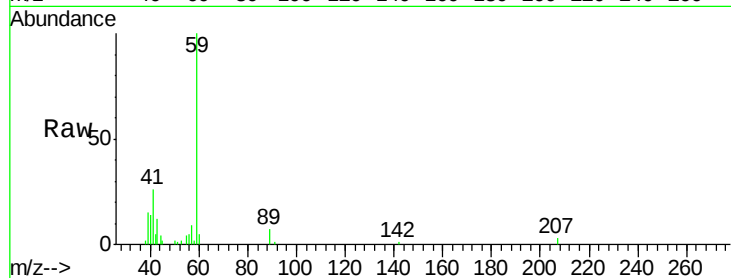
ICVVD080520

Tgt Ion: 59 Resp: 60986

Ion Ratio Lower Upper

59 100

57 8.5 7.0 10.4



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

25000

20000

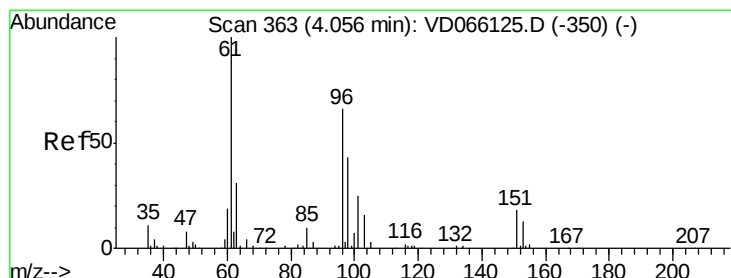
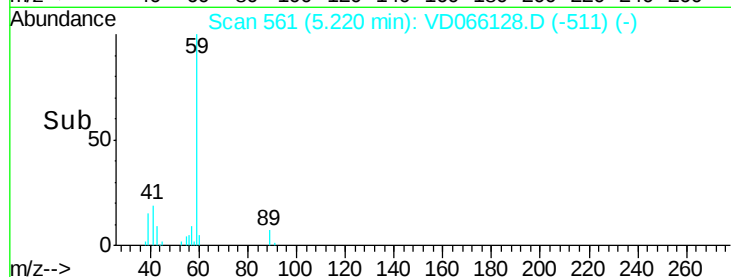
15000

10000

5000

0

Time--> 5.00 5.10 5.20 5.30 5.40



#12

1,1-Dichloroethene

Concen: 50.264 ug/l

RT: 4.06 min Scan# 363

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

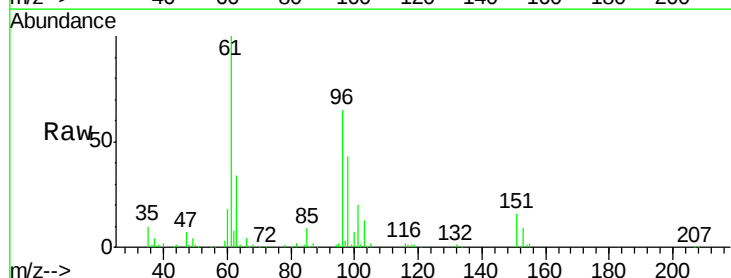
Tgt Ion: 96 Resp: 158277

Ion Ratio Lower Upper

96 100

61 154.8 121.6 182.4

98 66.4 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

120000

100000

80000

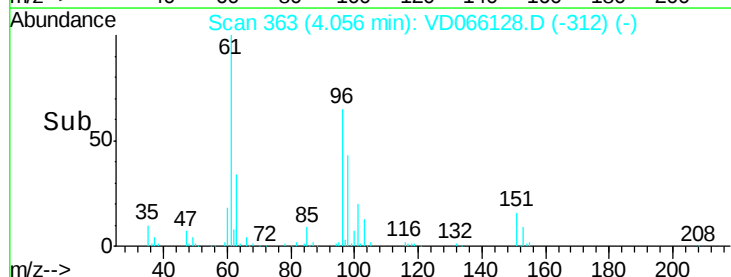
60000

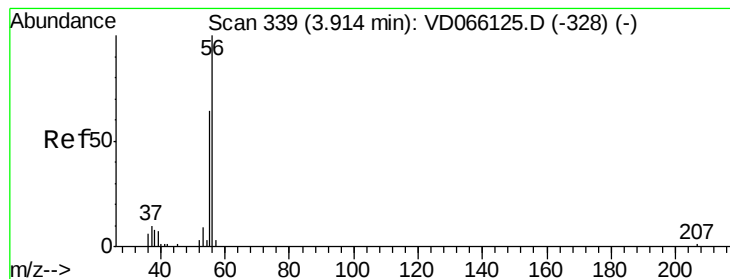
40000

20000

0

Time--> 4.00 4.10





#13

Acrolein

Concen: 236.300 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

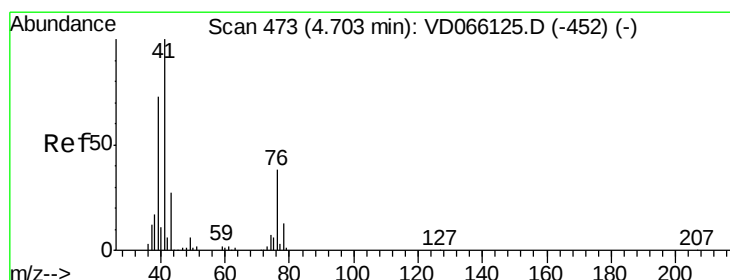
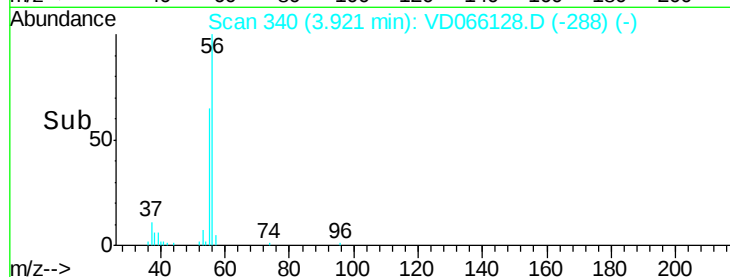
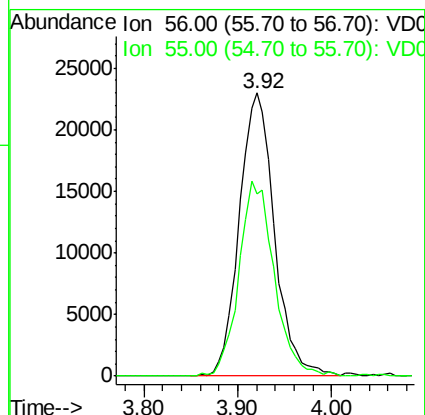
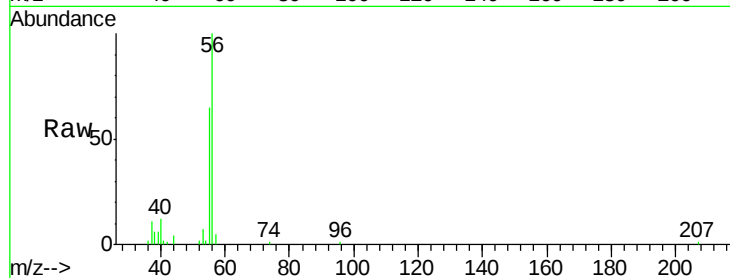
ICVVD080520

Tgt Ion: 56 Resp: 59665

Ion Ratio Lower Upper

56 100

55 69.2 56.7 85.1



#14

Allyl chloride

Concen: 52.081 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

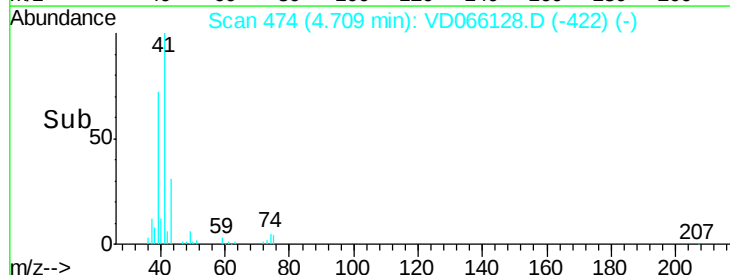
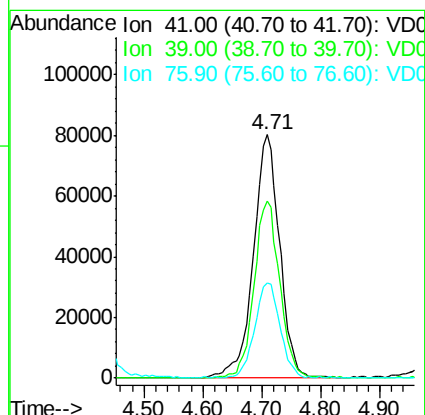
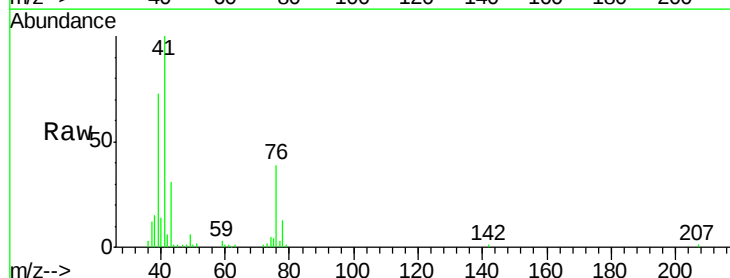
Tgt Ion: 41 Resp: 248451

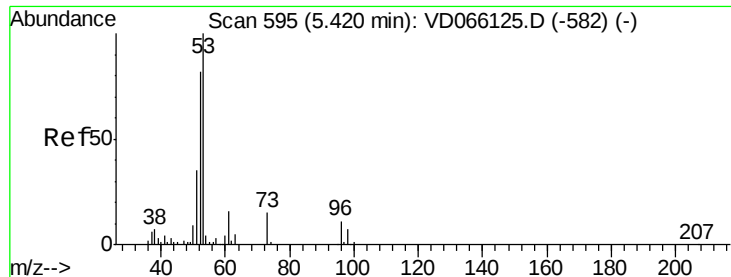
Ion Ratio Lower Upper

41 100

39 70.9 57.4 86.0

76 37.8 30.1 45.1





#15

Acrylonitrile

Concen: 266.708 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

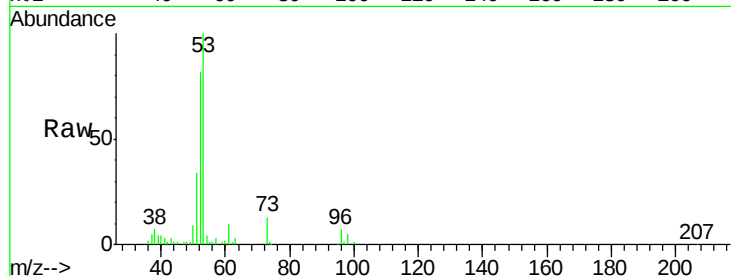
Tgt Ion: 53 Resp: 178365

Ion Ratio Lower Upper

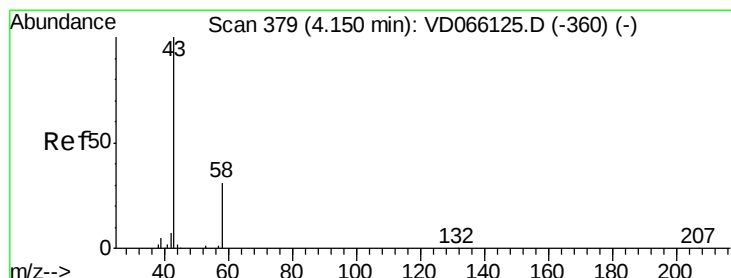
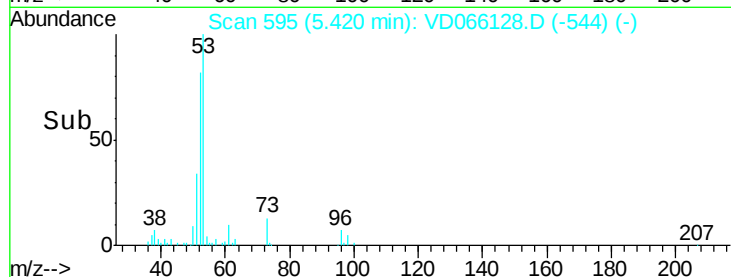
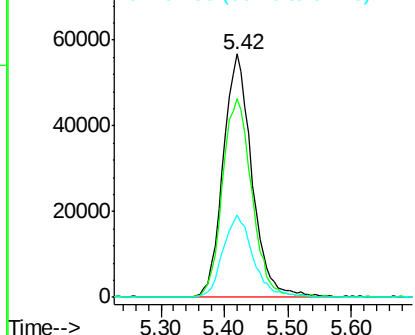
53 100

52 82.9 66.1 99.1

51 35.6 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: 262.452 ug/l

RT: 4.15 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD066128.D

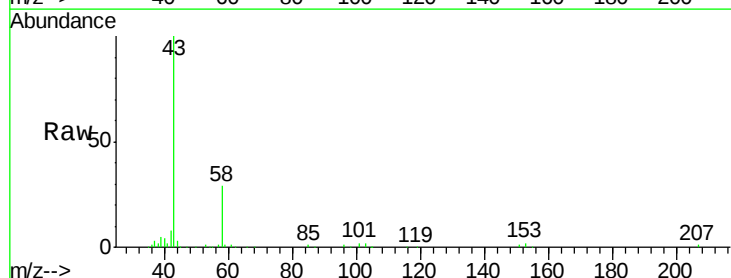
Acq: 05 Aug 2020 13:49

Tgt Ion: 43 Resp: 157968

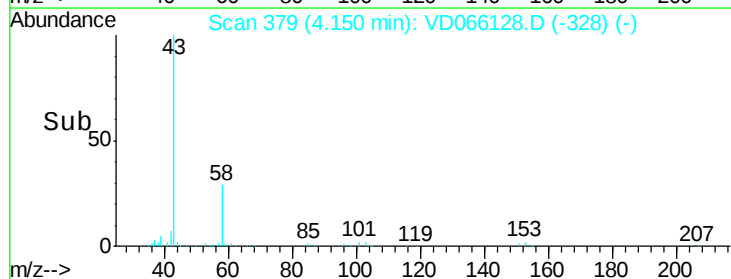
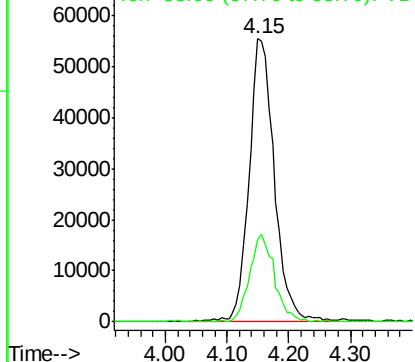
Ion Ratio Lower Upper

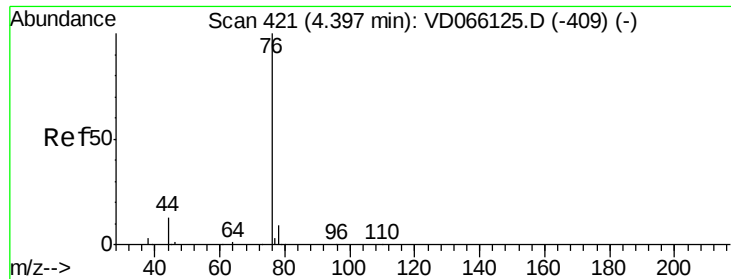
43 100

58 29.0 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: 50.431 ug/l

RT: 4.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

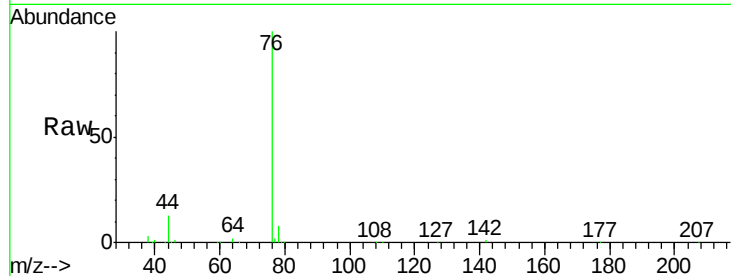
ICVVD080520

Tgt Ion: 76 Resp: 504919

Ion Ratio Lower Upper

76 100

78 7.7 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

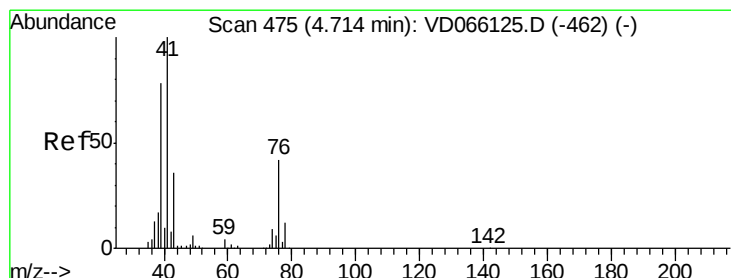
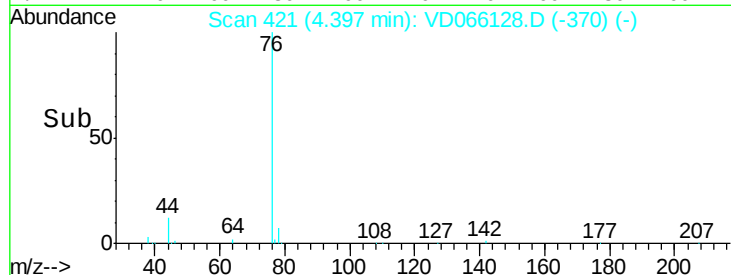
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 50.420 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066128.D

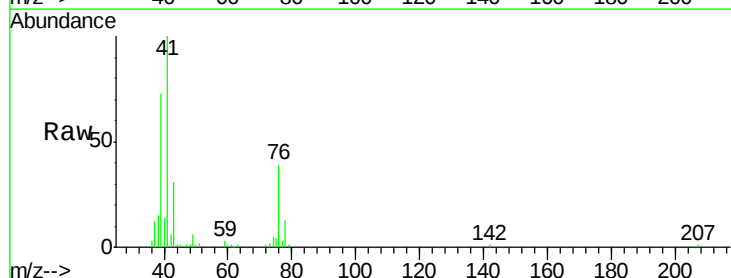
Acq: 05 Aug 2020 13:49

Tgt Ion: 43 Resp: 77083

Ion Ratio Lower Upper

43 100

74 24.4 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

25000

20000

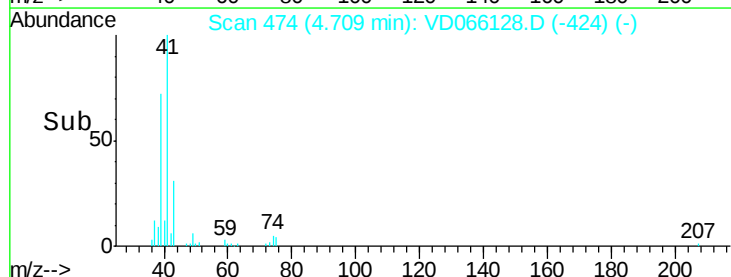
15000

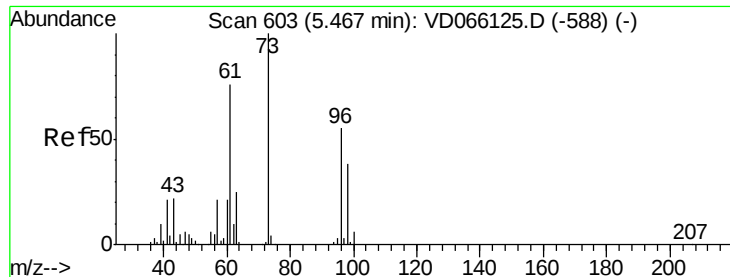
10000

5000

0

Time-->

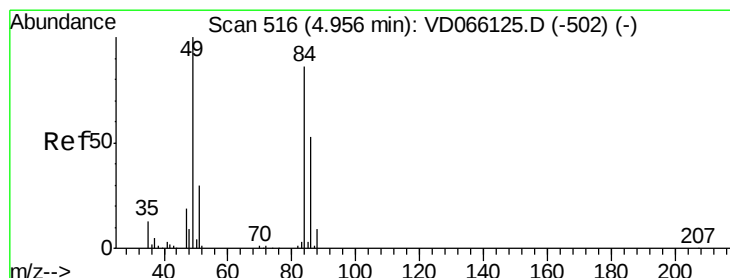
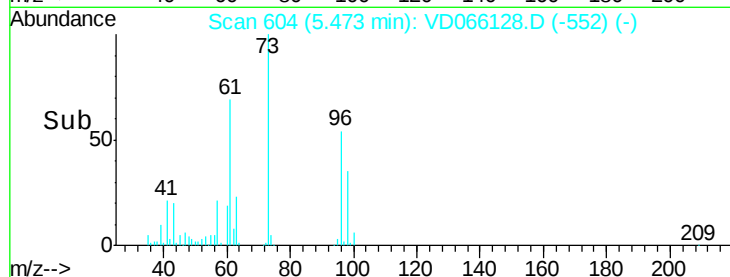
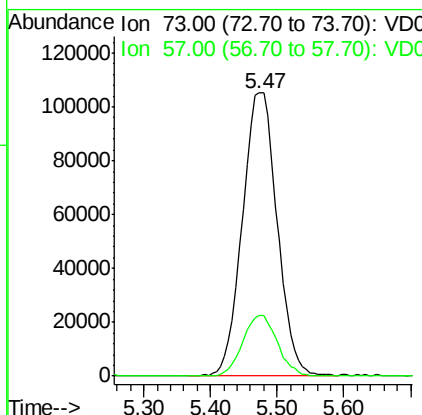
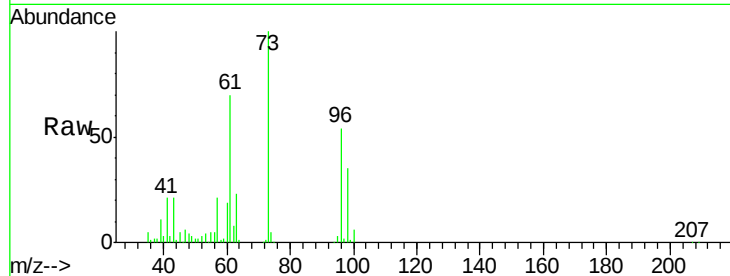




#19
Methyl tert-butyl Ether
Concen: 52.361 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

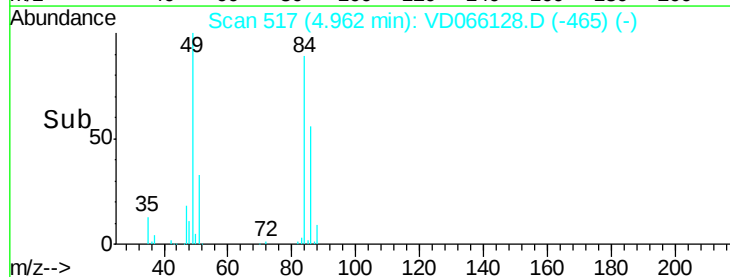
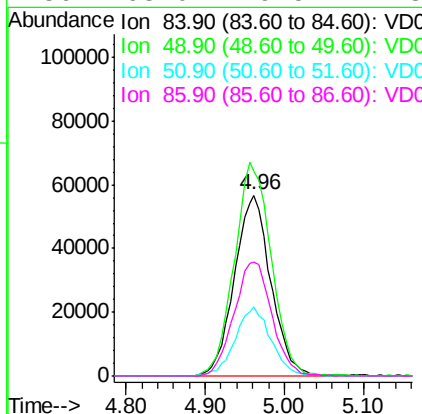
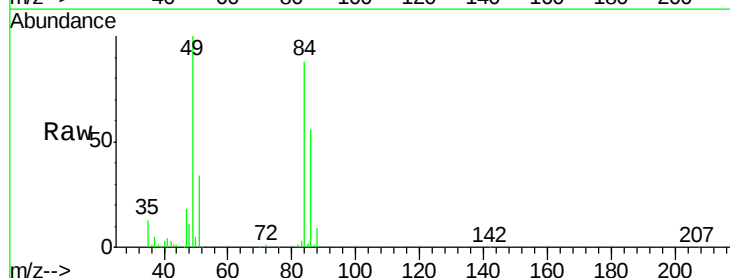
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

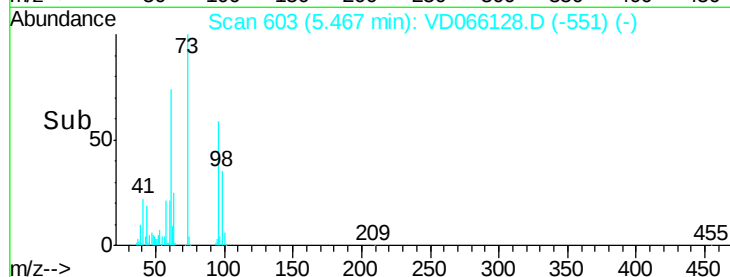
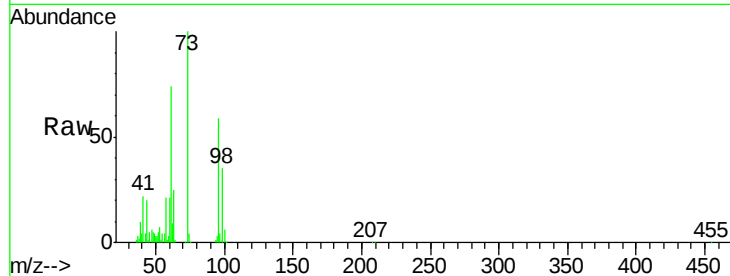
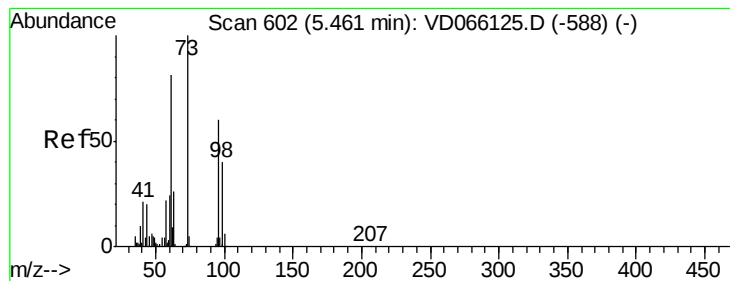
Tgt Ion: 73 Resp: 377916
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7



#20
Methylene Chloride
Concen: 52.334 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion: 84 Resp: 180148
Ion Ratio Lower Upper
84 100
49 113.2 93.5 140.3
51 38.0 28.2 42.4
86 63.0 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 51.322 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

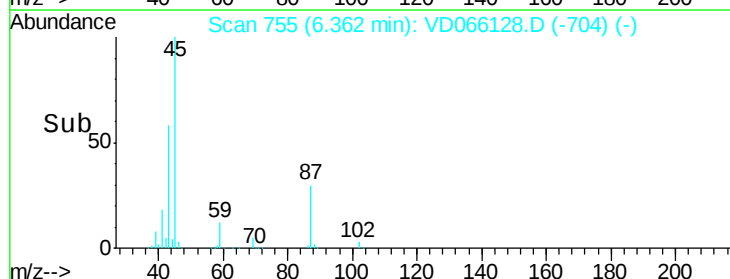
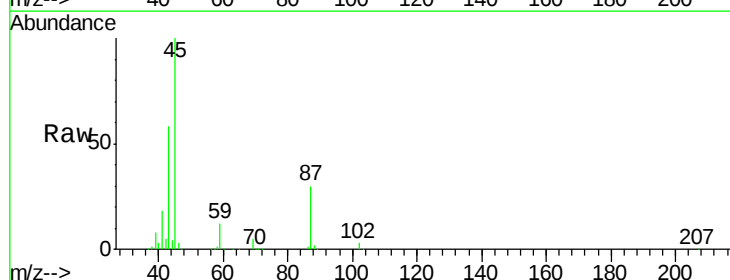
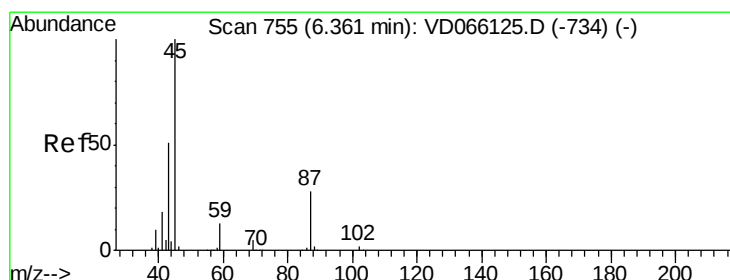
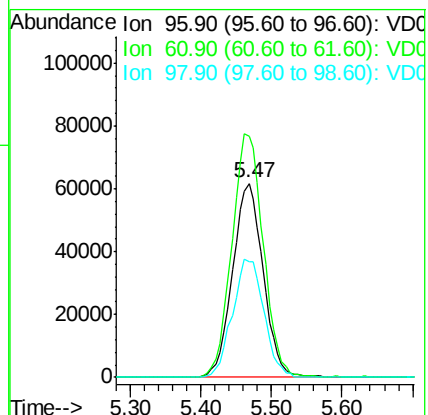
Tgt Ion: 96 Resp: 185649

Ion Ratio Lower Upper

96 100

61 124.4 106.9 160.3

98 59.4 53.4 80.0



#22

Diisopropyl ether

Concen: 52.879 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Tgt Ion: 45 Resp: 498845

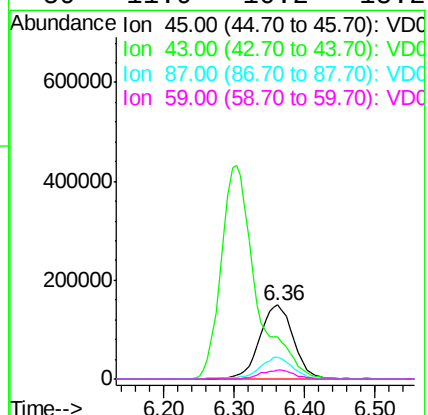
Ion Ratio Lower Upper

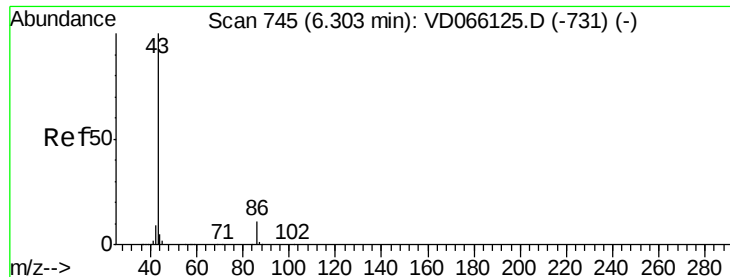
45 100

43 57.2 41.2 61.8

87 29.5 22.8 34.2

59 11.9 10.2 15.2





#23

Vinyl Acetate

Concen: 269.019 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

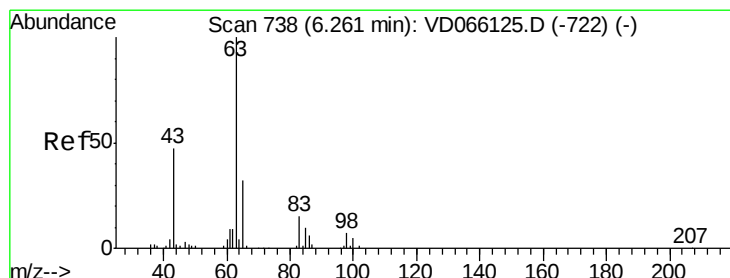
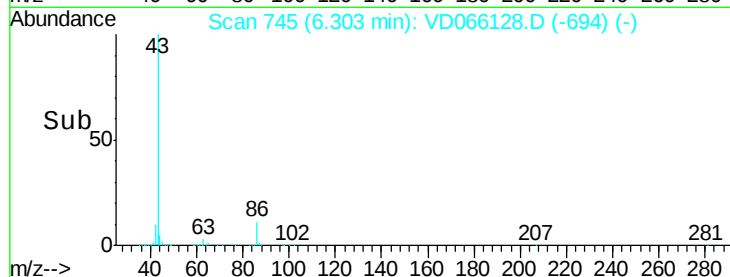
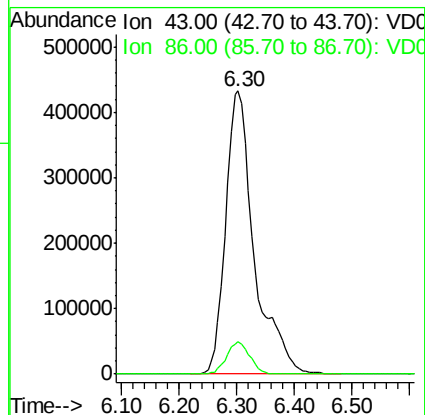
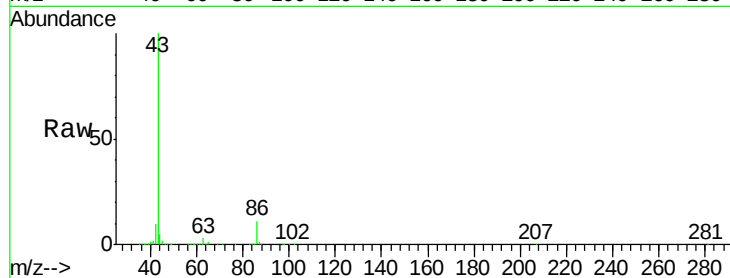
ICVVD080520

Tgt Ion: 43 Resp: 1486778

Ion Ratio Lower Upper

43 100

86 11.4 9.1 13.7



#24

1,1-Dichloroethane

Concen: 50.707 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

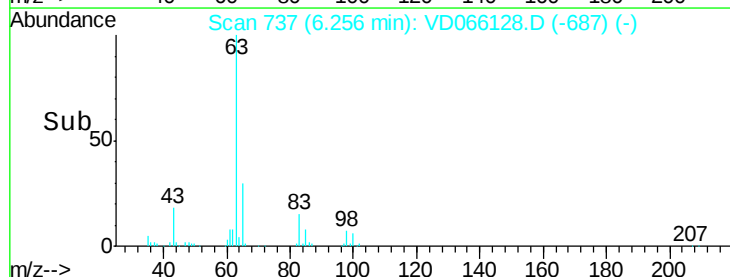
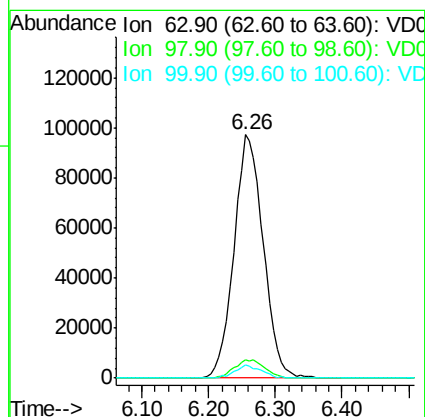
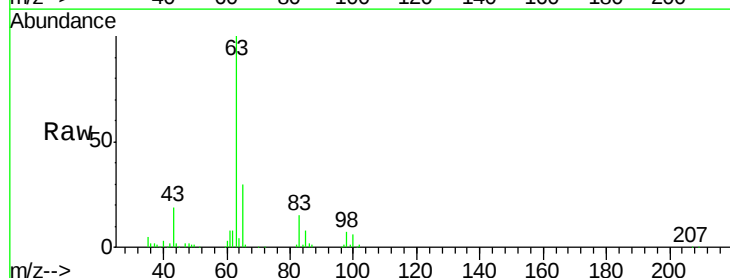
Tgt Ion: 63 Resp: 296040

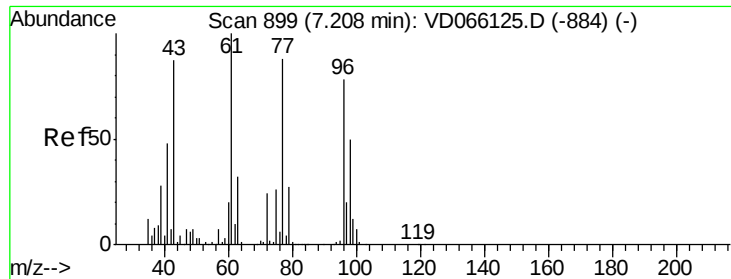
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

100 5.6 2.4 7.2





#25

2-Butanone

Concen: 252.382 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

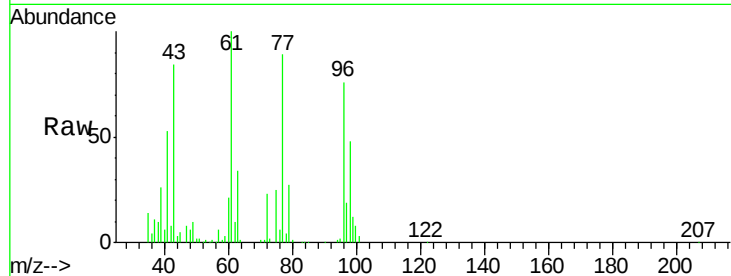
ICVVD080520

Tgt Ion: 43 Resp: 223427

Ion Ratio Lower Upper

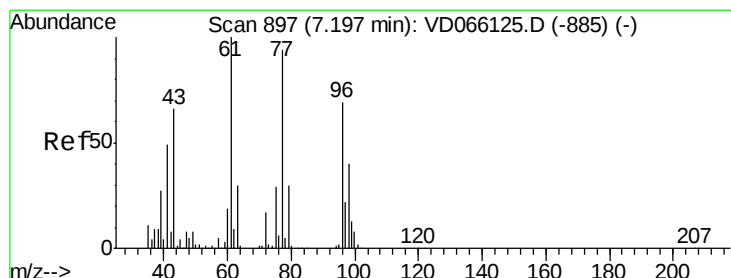
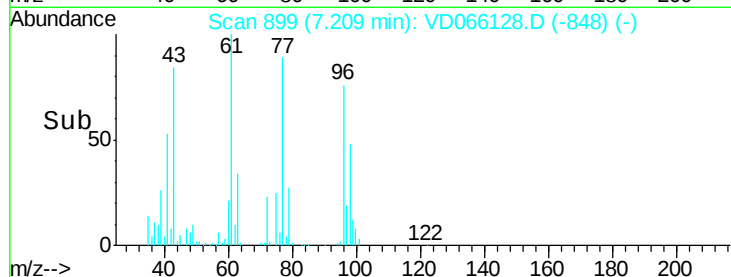
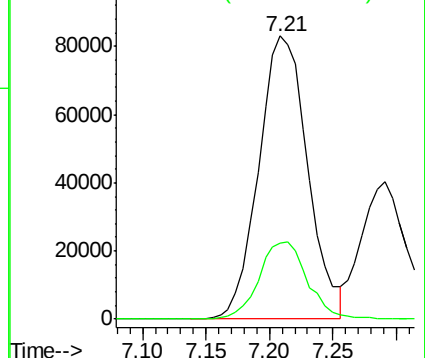
43 100

72 27.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 50.823 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066128.D

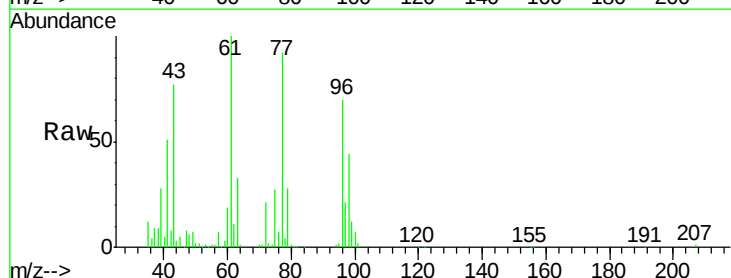
Acq: 05 Aug 2020 13:49

Tgt Ion: 77 Resp: 265938

Ion Ratio Lower Upper

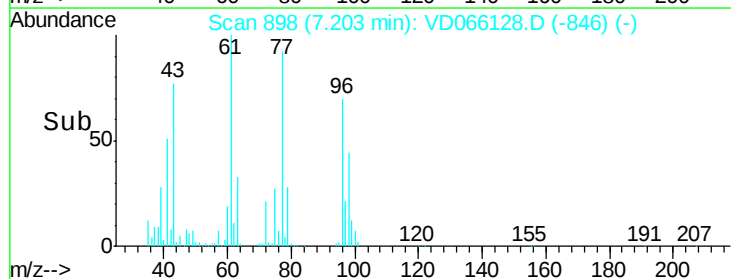
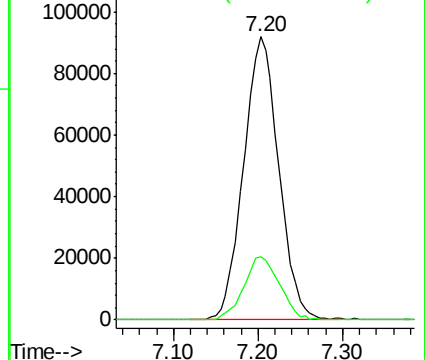
77 100

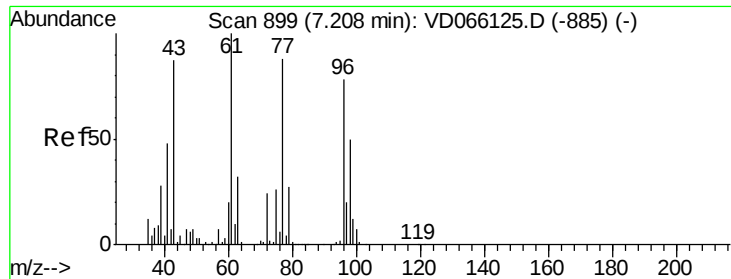
97 22.7 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



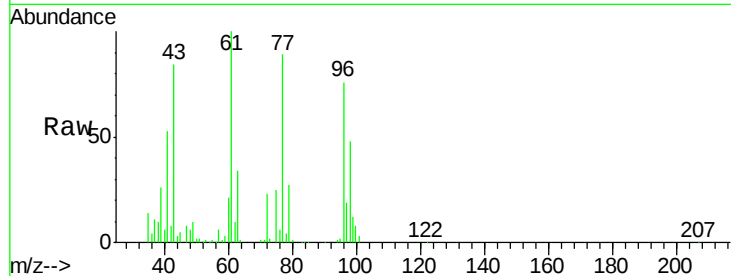


#27

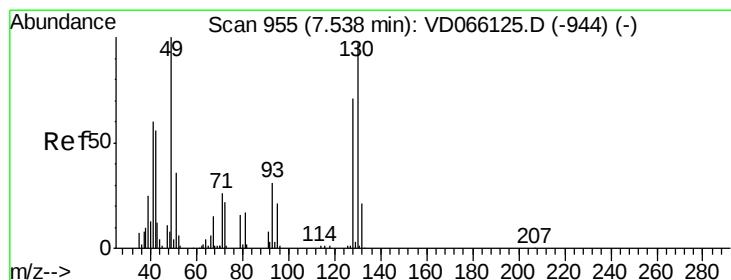
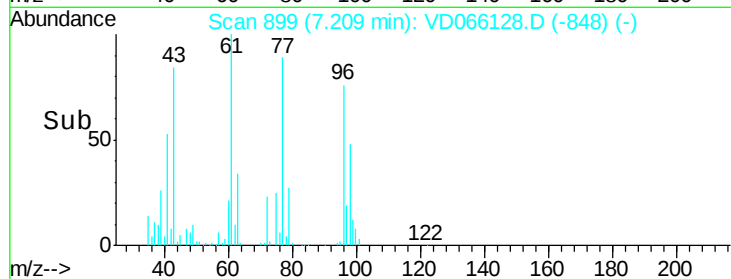
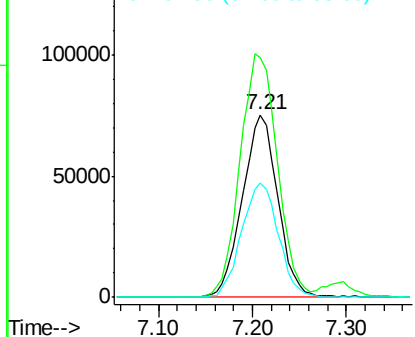
cis-1,2-Dichloroethene
 Concen: 51.657 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

Tgt Ion: 96 Resp: 195996
 Ion Ratio Lower Upper
 96 100
 61 140.7 0.0 281.6
 98 65.2 0.0 130.8



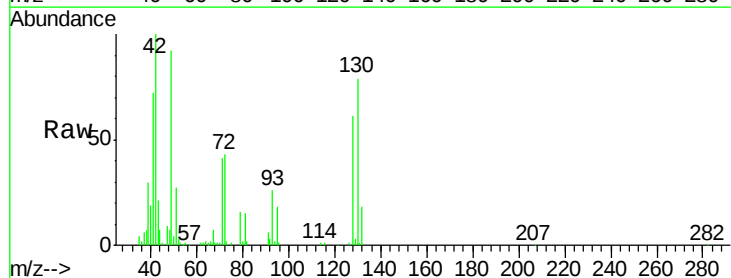
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



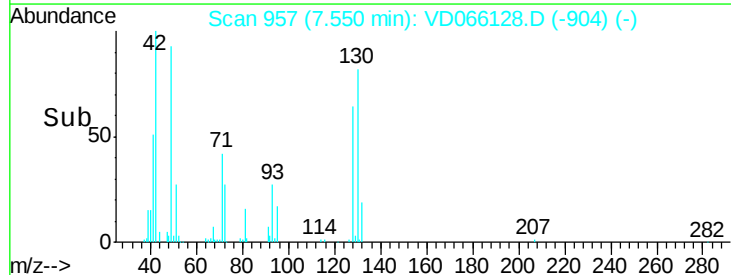
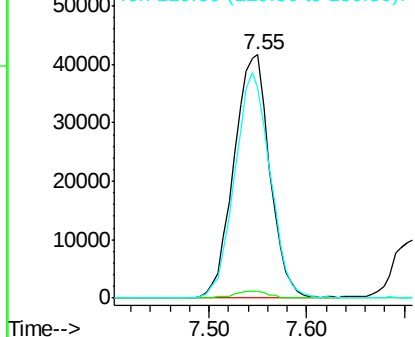
#28

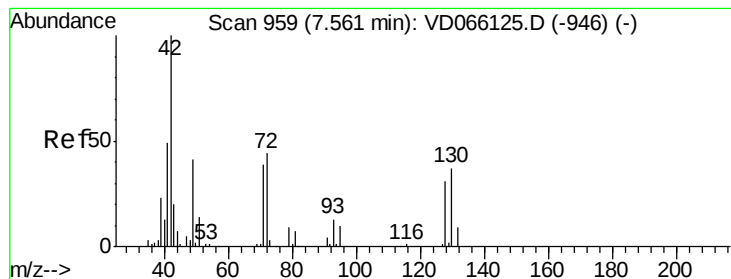
Bromochloromethane
 Concen: 51.994 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion: 49 Resp: 106614
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 6.0
 130 91.2 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: 259.877 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

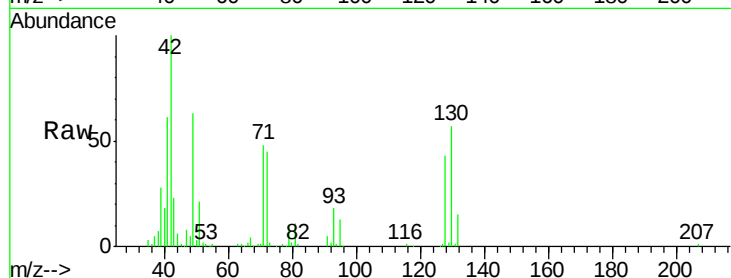
Tgt Ion: 42 Resp: 142538

Ion Ratio Lower Upper

42 100

72 43.6 34.8 52.2

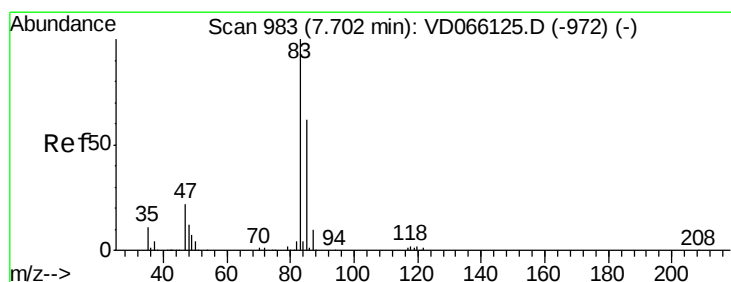
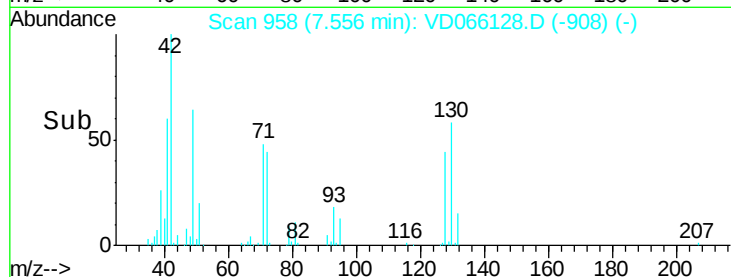
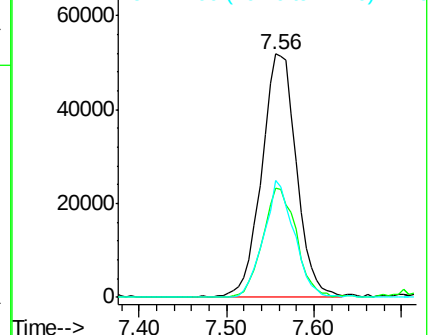
71 41.9 33.5 50.3



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: 50.968 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.01 min

Lab File: VD066128.D

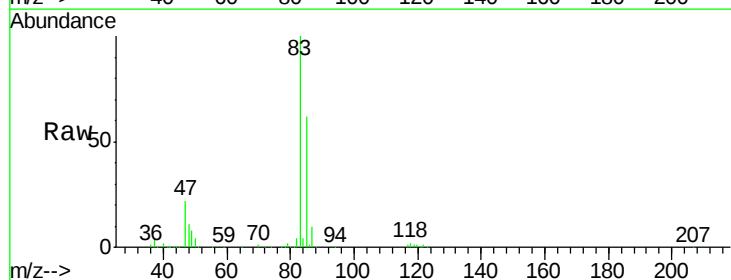
Acq: 05 Aug 2020 13:49

Tgt Ion: 83 Resp: 312448

Ion Ratio Lower Upper

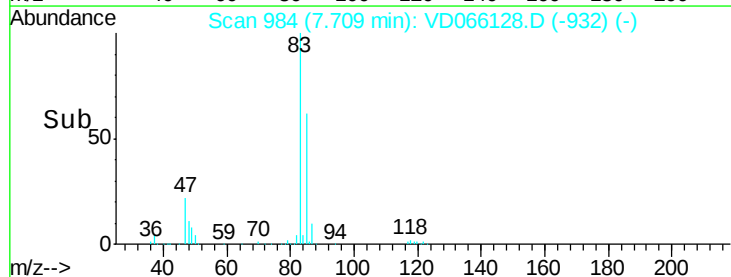
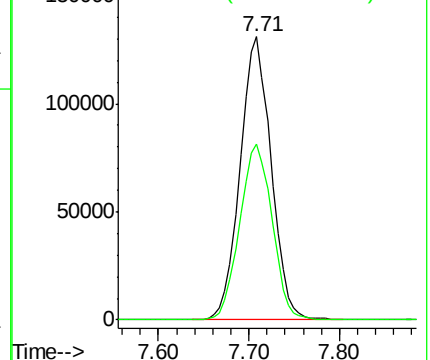
83 100

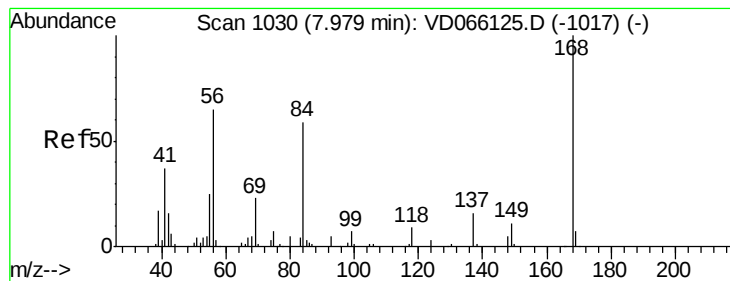
85 62.0 49.5 74.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 48.959 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

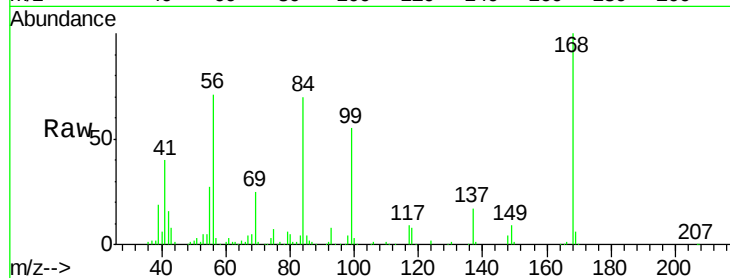
Tgt Ion: 56 Resp: 272087

Ion Ratio Lower Upper

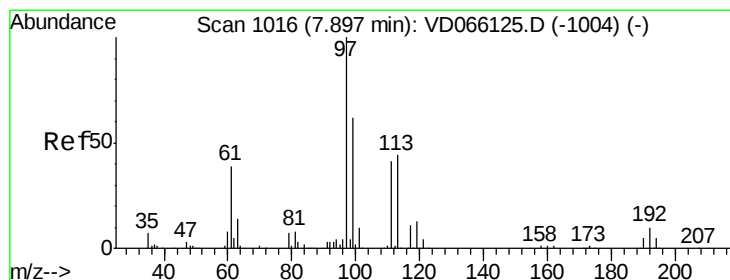
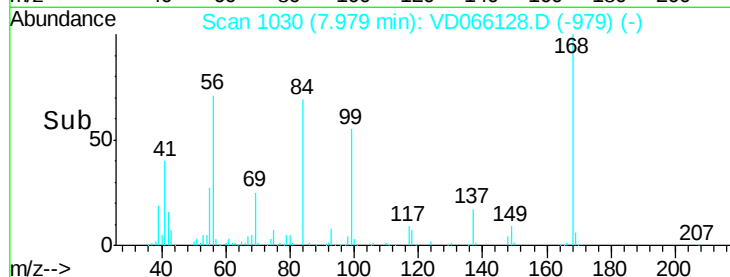
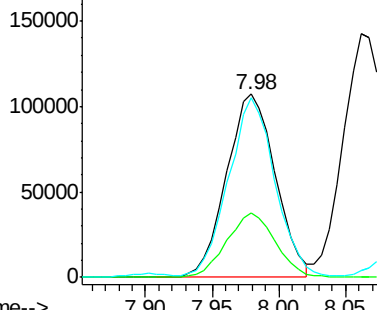
56 100

69 35.3 28.8 43.2

84 96.6 73.0 109.6



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



#32

1,1,1-Trichloroethane

Concen: 50.599 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

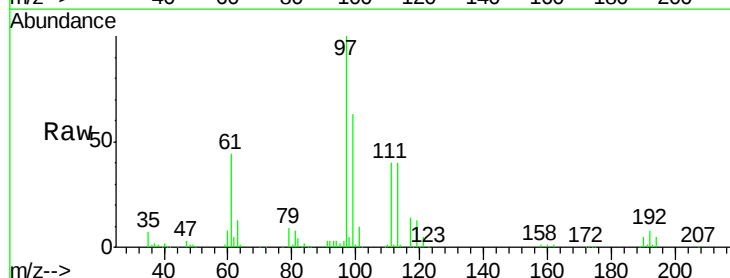
Tgt Ion: 97 Resp: 290835

Ion Ratio Lower Upper

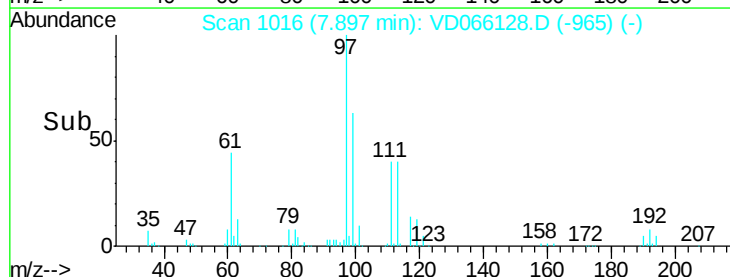
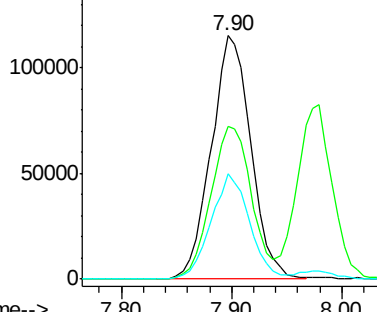
97 100

99 64.1 51.1 76.7

61 42.0 32.7 49.1



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





#33

1,2-Dichloroethane-d4

Concen: 53.370 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

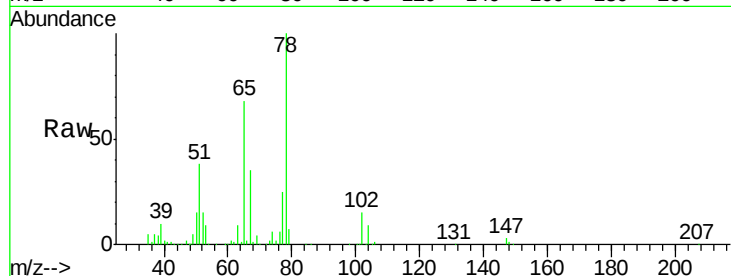
ICVVD080520

Tgt Ion: 65 Resp: 169299

Ion Ratio Lower Upper

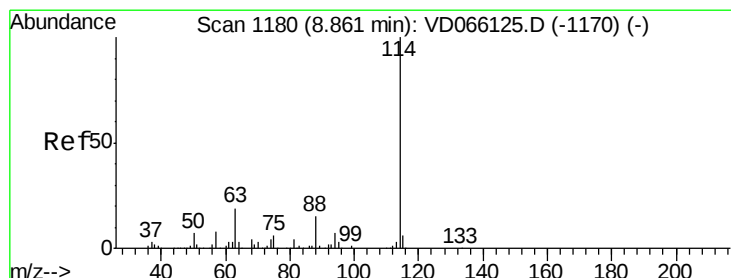
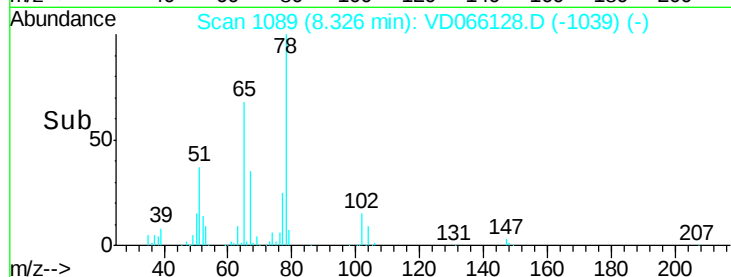
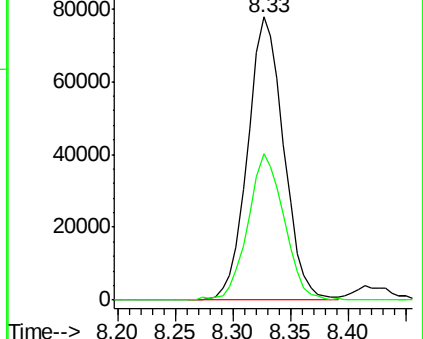
65 100

67 52.0 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: VD066128.D

Acq: 05 Aug 2020 13:49

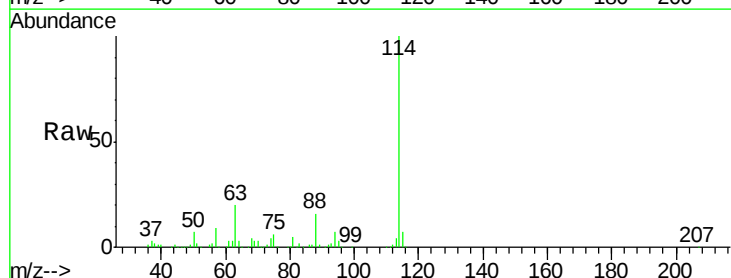
Tgt Ion: 114 Resp: 511723

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

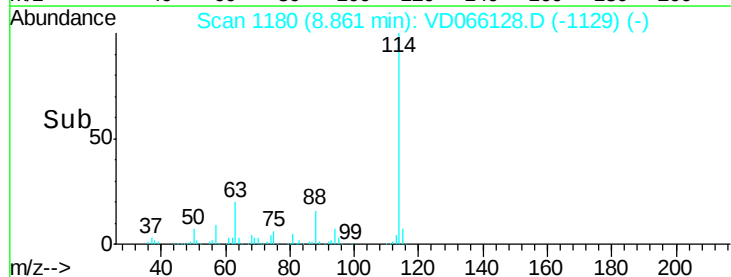
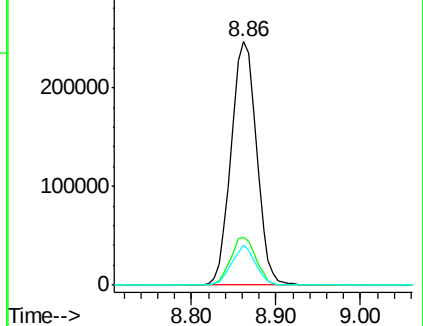
88 16.5 0.0 30.0

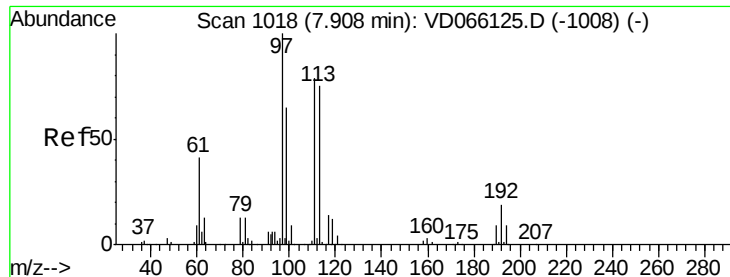


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

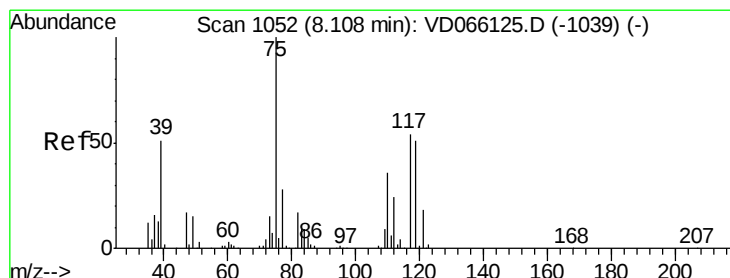
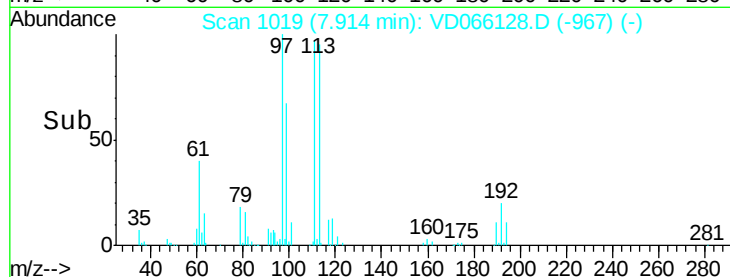
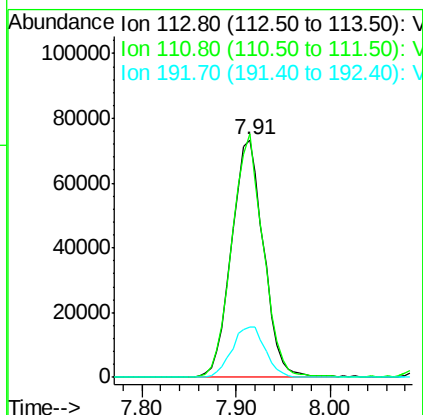
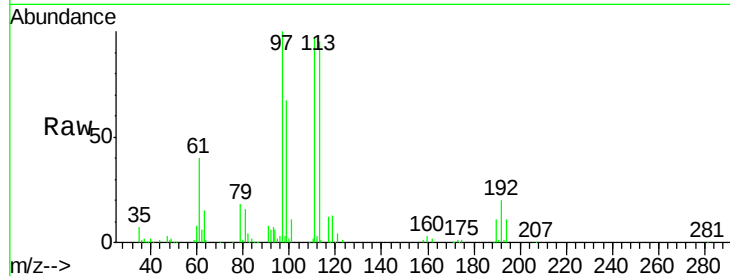




#35
 Dibromofluoromethane
 Concen: 53.716 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

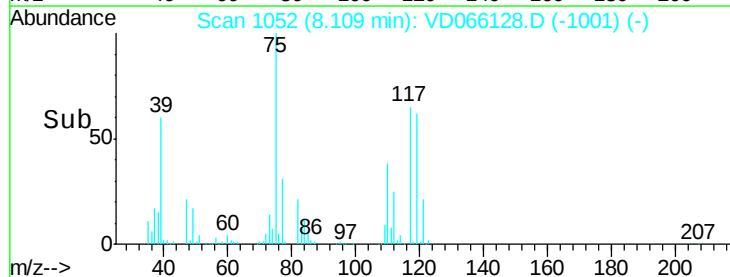
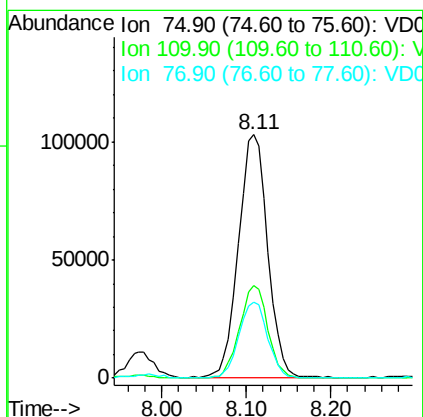
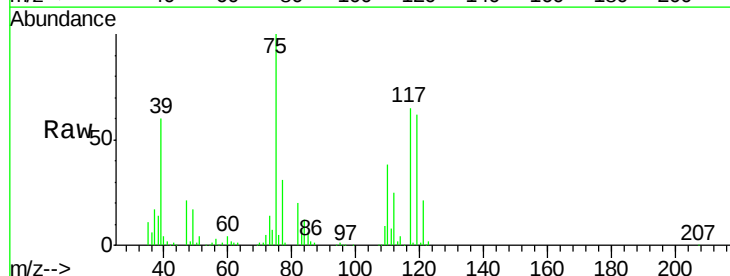
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

Tgt Ion: 113 Resp: 174131
 Ion Ratio Lower Upper
 113 100
 111 99.9 80.7 121.1
 192 22.1 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 51.244 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion: 75 Resp: 246412
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.8 56.3
 77 31.0 24.2 36.2





#37

Ethyl Acetate

Concen: 53.732 ug/l

RT: 7.29 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

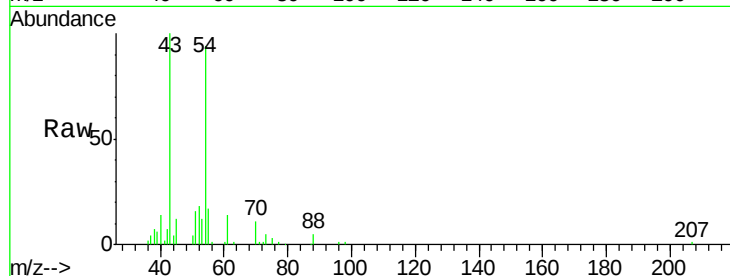
Tgt Ion: 43 Resp: 102373

Ion Ratio Lower Upper

43 100

61 14.1 12.0 18.0

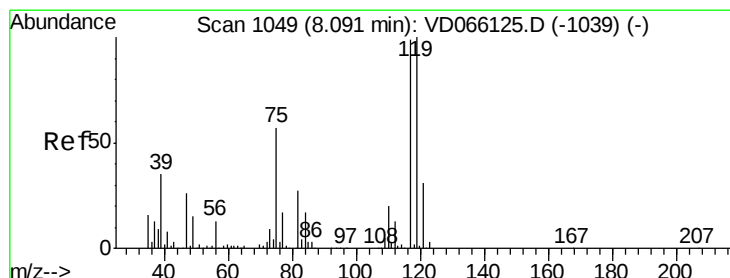
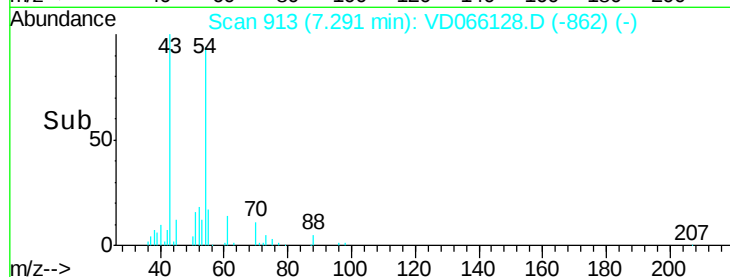
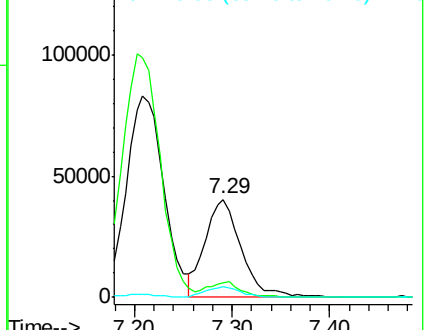
70 10.4 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 51.063 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

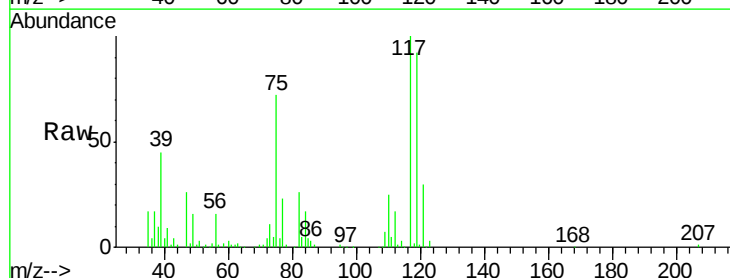
Tgt Ion: 117 Resp: 273819

Ion Ratio Lower Upper

117 100

119 92.4 81.0 121.4

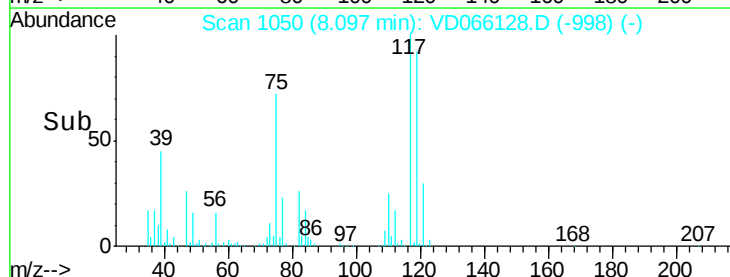
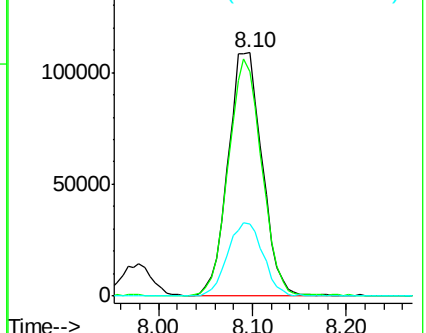
121 29.9 24.8 37.2

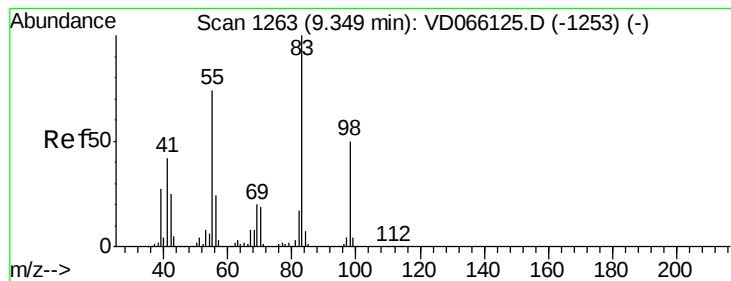


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 52.789 ug/l

RT: 9.35 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

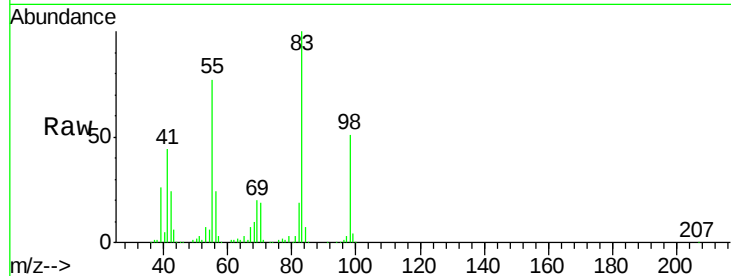
Tgt Ion: 83 Resp: 306859

Ion Ratio Lower Upper

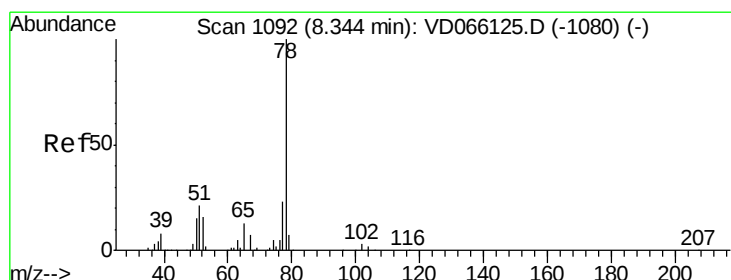
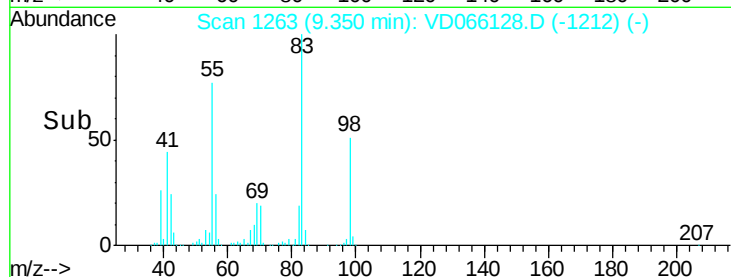
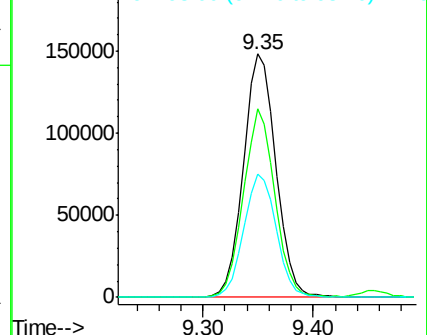
83 100

55 77.3 59.2 88.8

98 50.5 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: 51.809 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VD066128.D

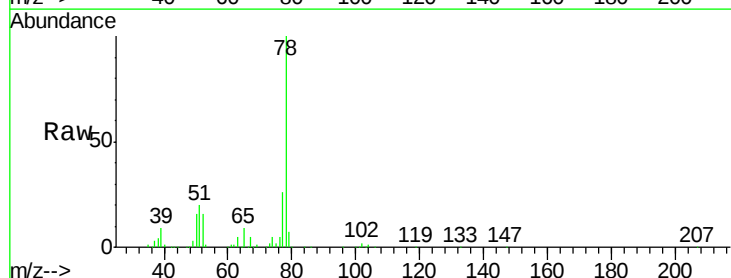
Acq: 05 Aug 2020 13:49

Tgt Ion: 78 Resp: 691111

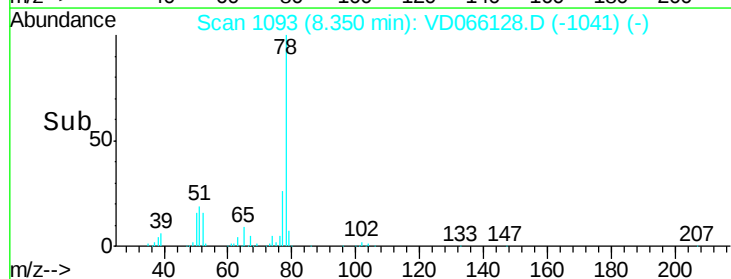
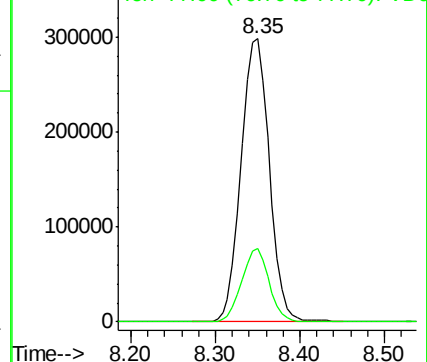
Ion Ratio Lower Upper

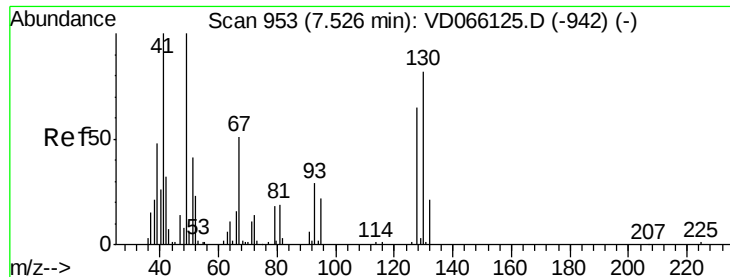
78 100

77 25.8 18.6 27.8



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

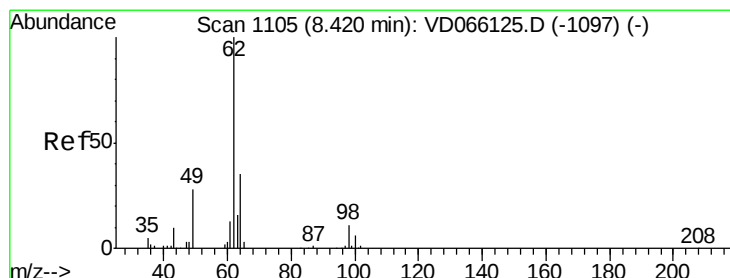
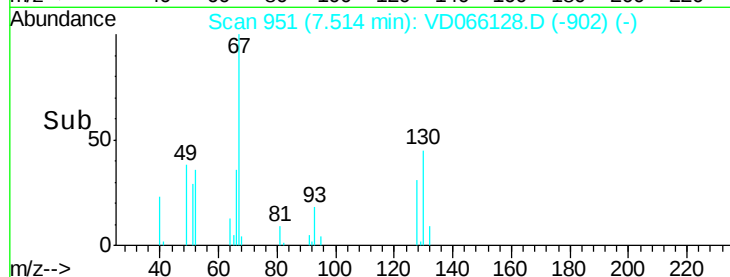
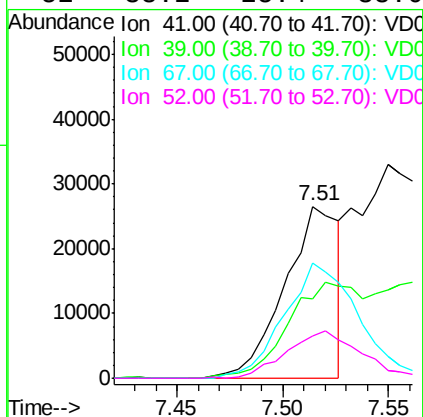
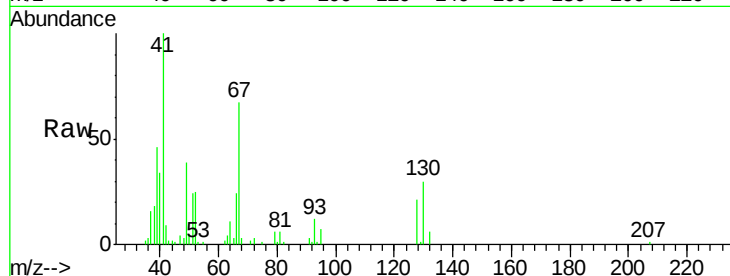




#41
Methacrylonitrile
Concen: 42.381 ug/l
RT: 7.51 min Scan# 951
Delta R.T. -0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

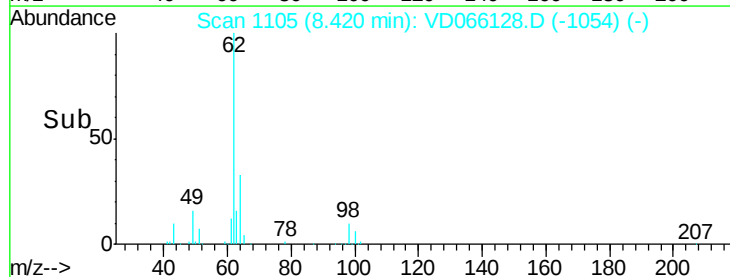
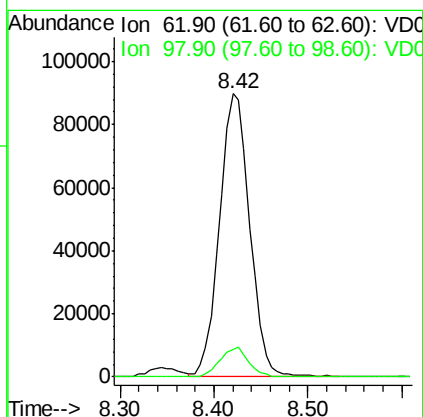
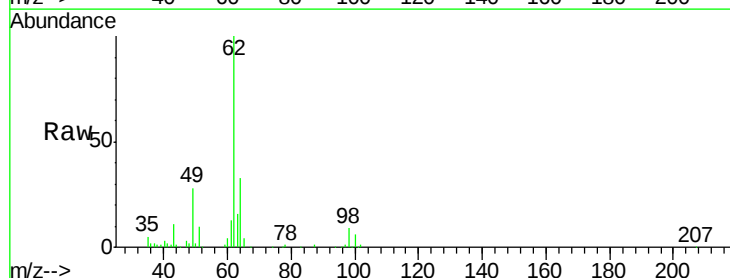
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

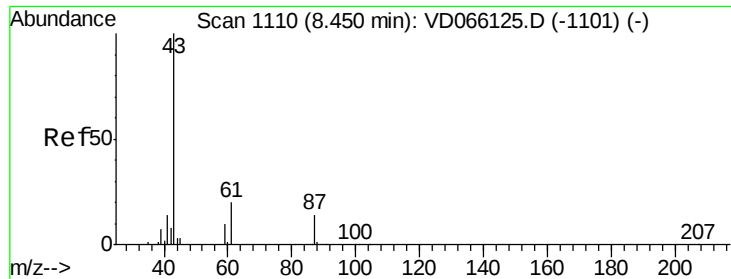
Tgt Ion: 41 Resp: 47477
Ion Ratio Lower Upper
41 100
39 74.0 47.5 71.3#
67 90.9 59.1 88.7#
52 38.2 25.4 38.0#



#42
1,2-Dichloroethane
Concen: 51.414 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion: 62 Resp: 201479
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.4

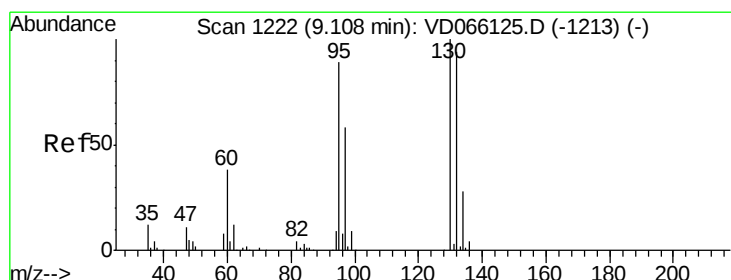
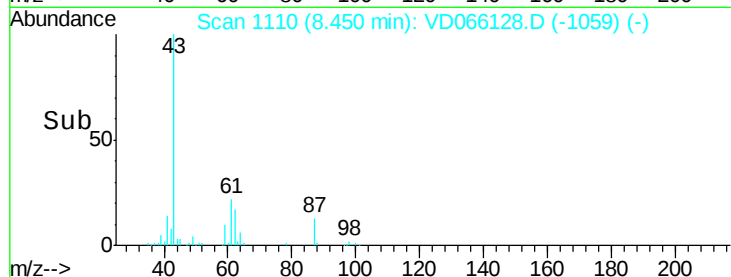
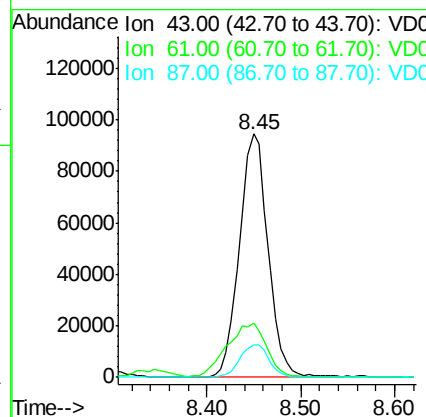
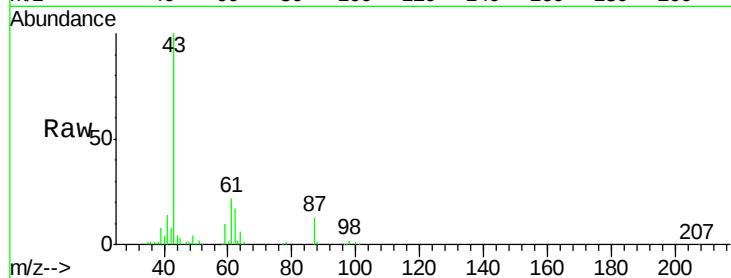




#43
Isopropyl Acetate
Concen: 53.414 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

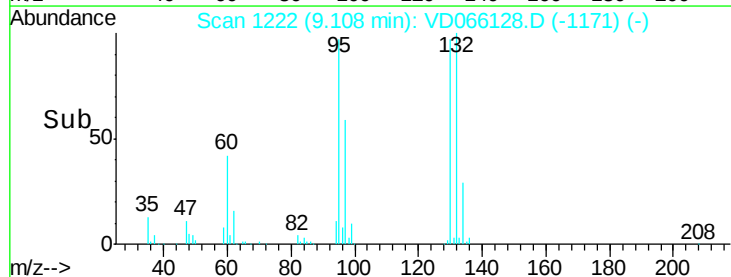
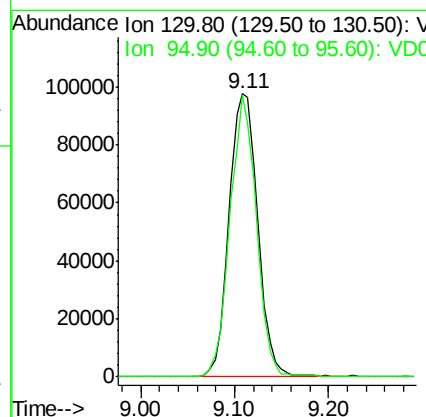
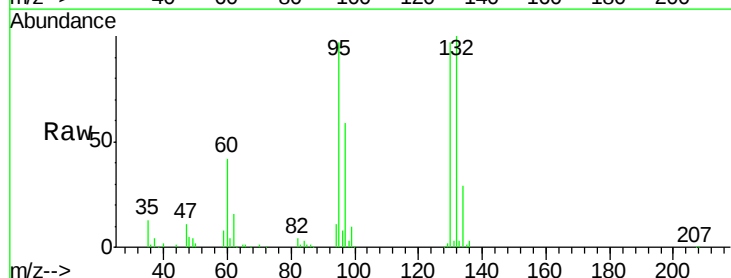
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

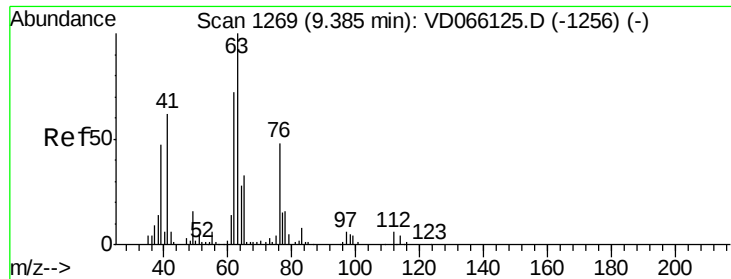
Tgt Ion: 43 Resp: 200510
Ion Ratio Lower Upper
43 100
61 31.0 25.5 38.3
87 13.7 11.2 16.8



#44
Trichloroethene
Concen: 51.539 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion: 130 Resp: 207169
Ion Ratio Lower Upper
130 100
95 99.9 0.0 178.4





#45

1,2-Dichloropropane

Concen: 51.940 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

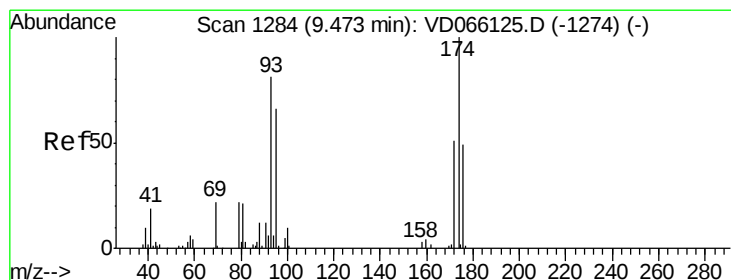
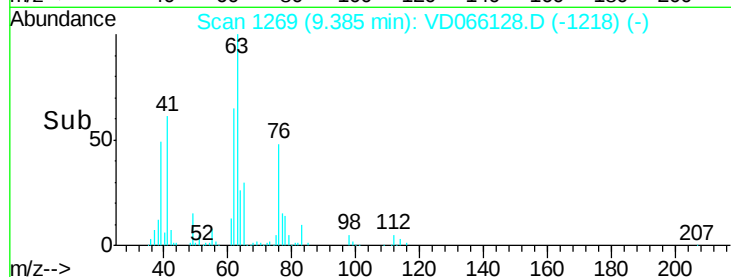
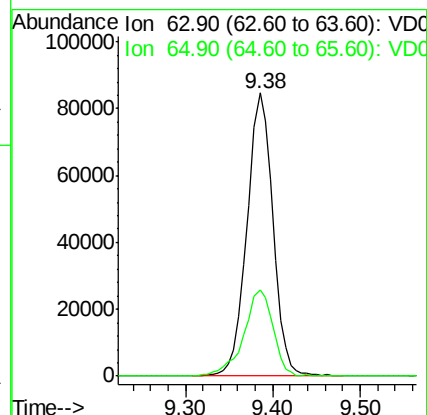
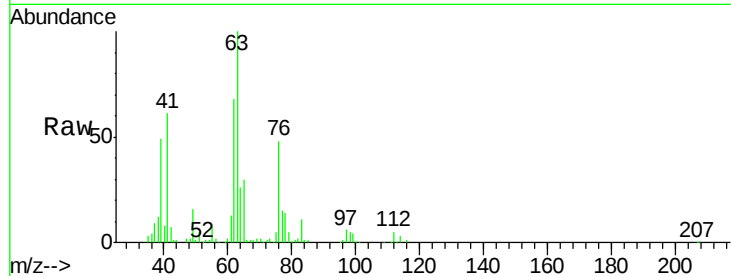
ICVVD080520

Tgt Ion: 63 Resp: 169454

Ion Ratio Lower Upper

63 100

65 30.5 26.5 39.7



#46

Dibromomethane

Concen: 51.422 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

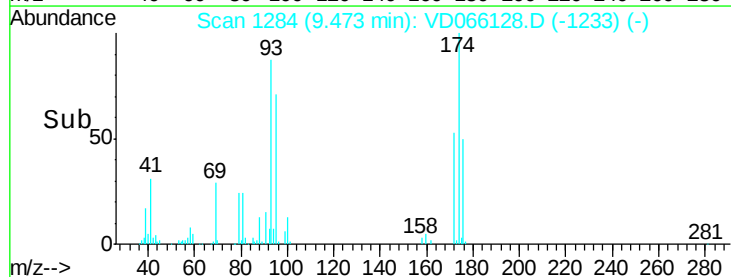
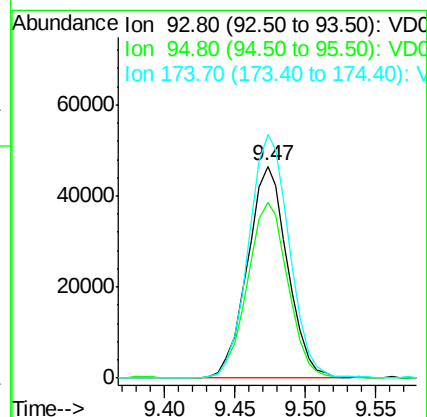
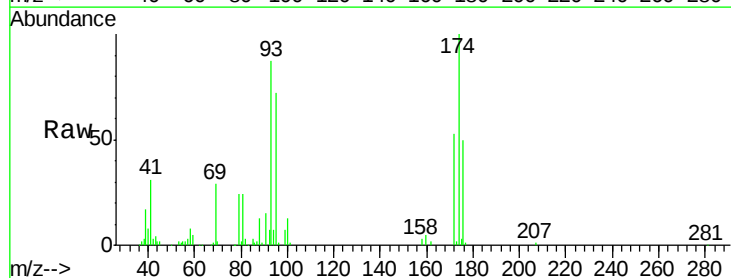
Tgt Ion: 93 Resp: 92409

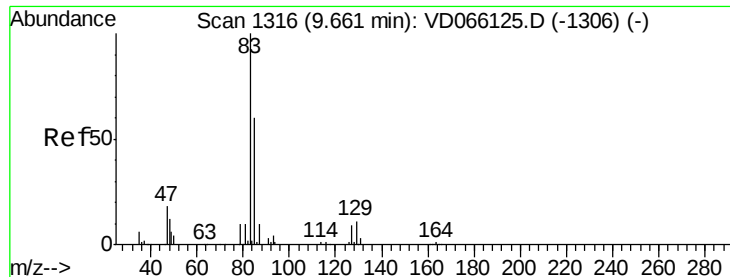
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.6

174 117.1 92.8 139.2





#47

Bromodichloromethane

Concen: 51.495 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

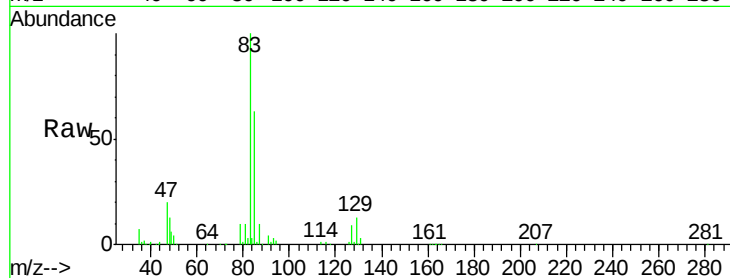
Tgt Ion: 83 Resp: 244583

Ion Ratio Lower Upper

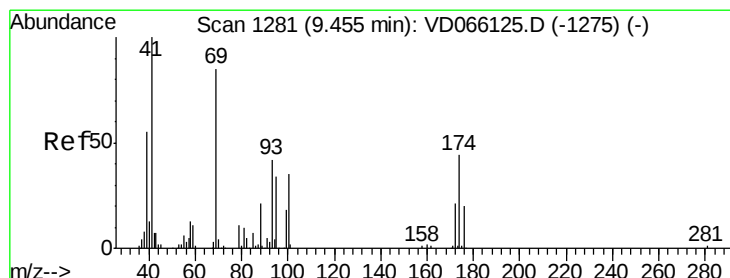
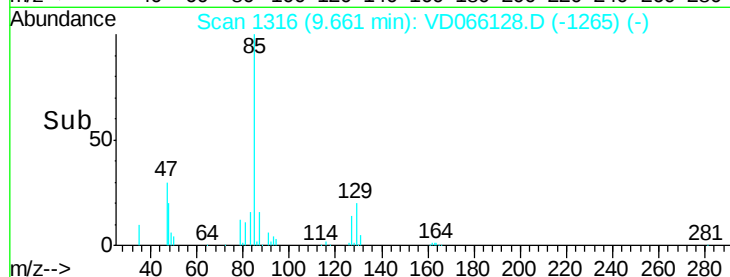
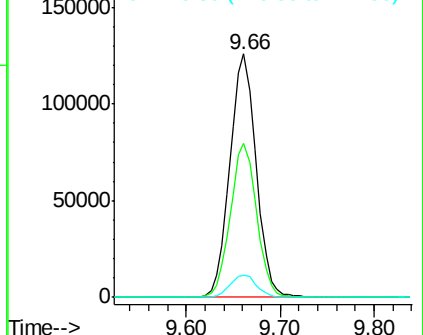
83 100

85 63.5 48.2 72.4

127 9.1 7.3 10.9



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



#48

Methyl methacrylate

Concen: 50.245 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

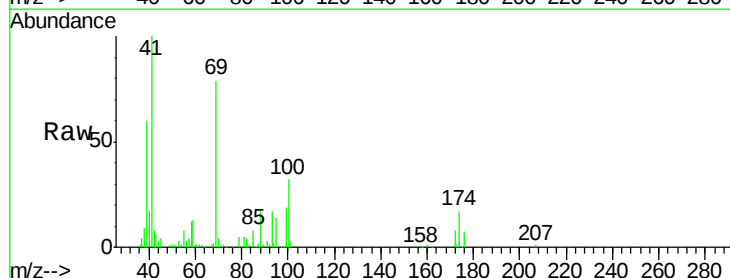
Tgt Ion: 41 Resp: 96310

Ion Ratio Lower Upper

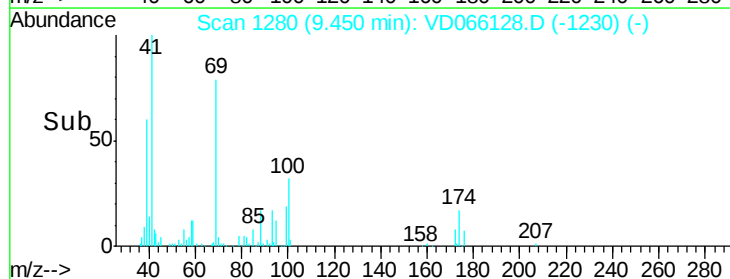
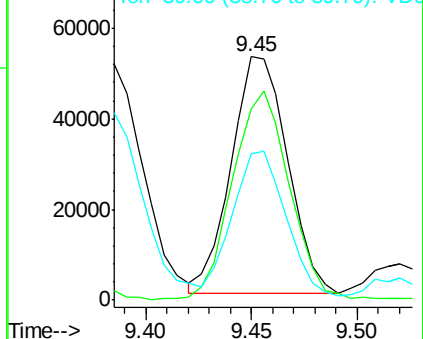
41 100

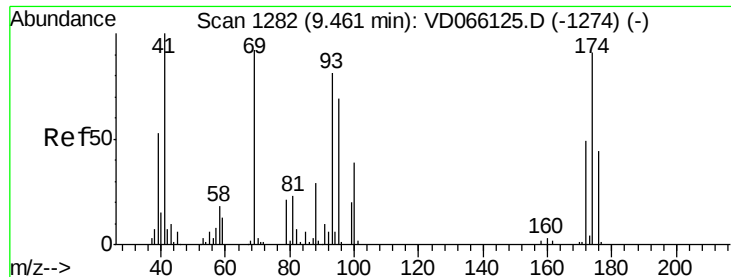
69 89.1 63.9 95.9

39 58.1 42.6 64.0



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 1056.141 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

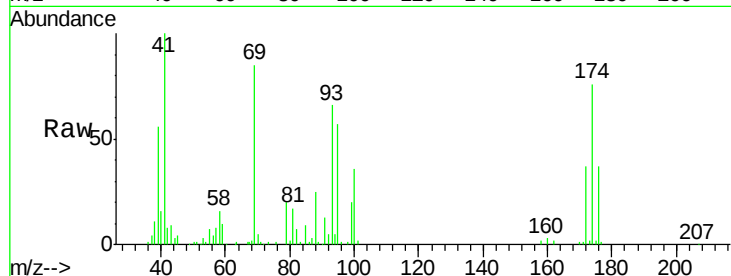
Tgt Ion: 88 Resp: 24384

Ion Ratio Lower Upper

88 100

43 33.9 27.5 41.3

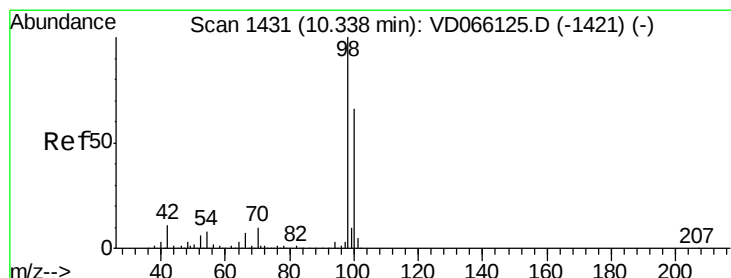
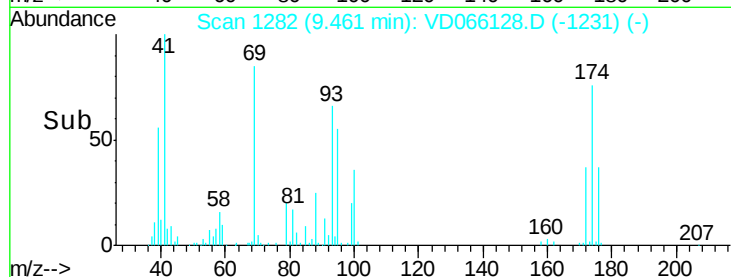
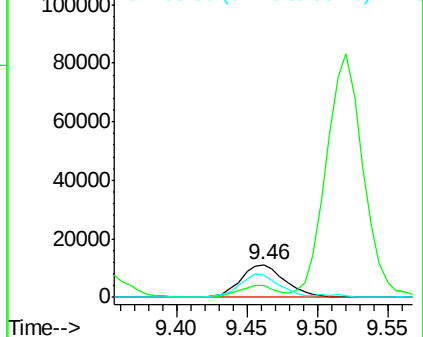
58 64.8 50.2 75.4



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: 54.027 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066128.D

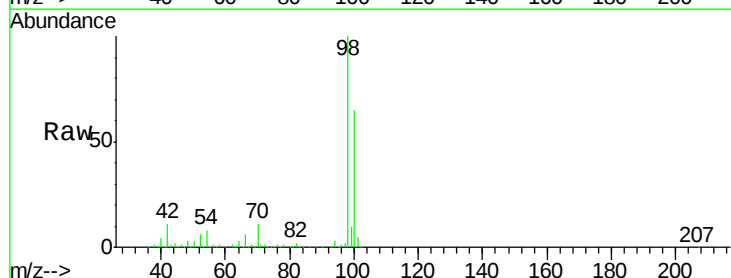
Acq: 05 Aug 2020 13:49

Tgt Ion: 98 Resp: 646304

Ion Ratio Lower Upper

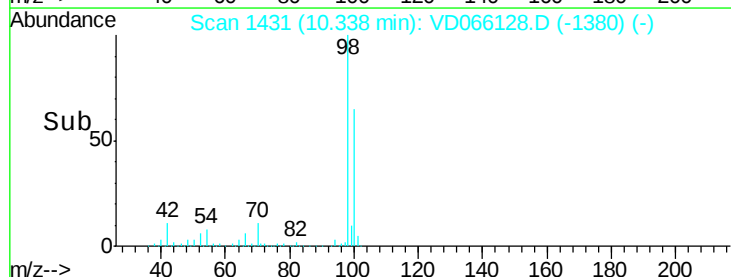
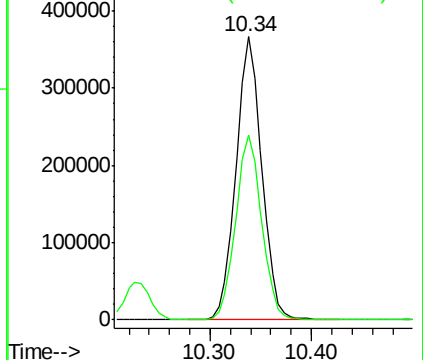
98 100

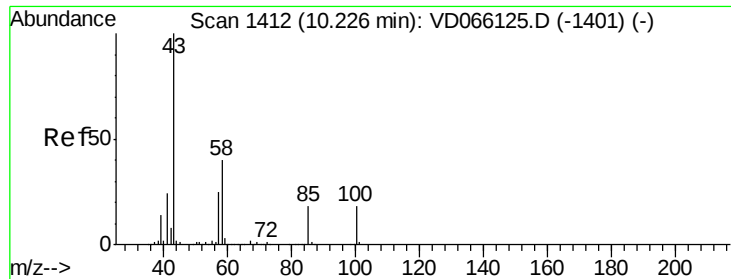
100 65.8 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

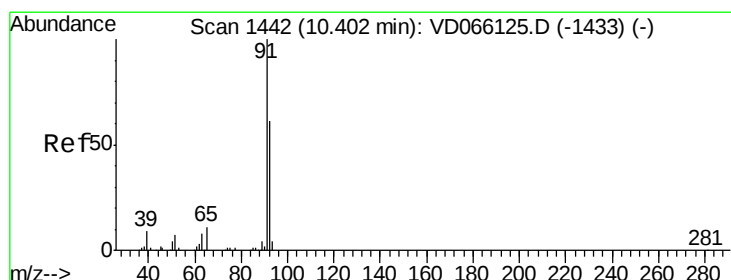
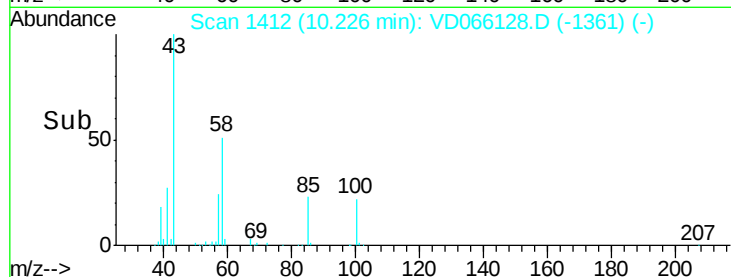
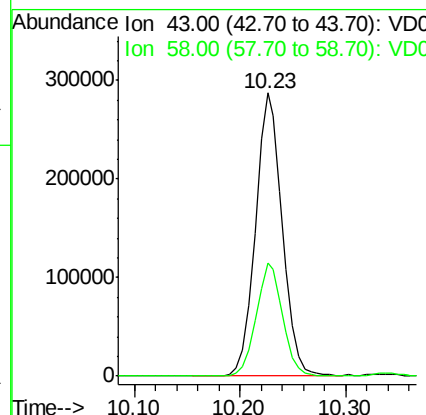
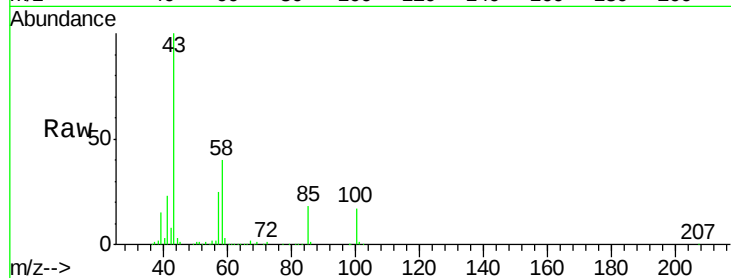




#51
 4-Methyl-2-Pentanone
 Concen: 262.584 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

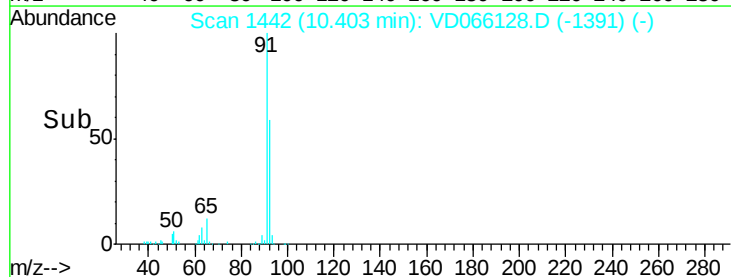
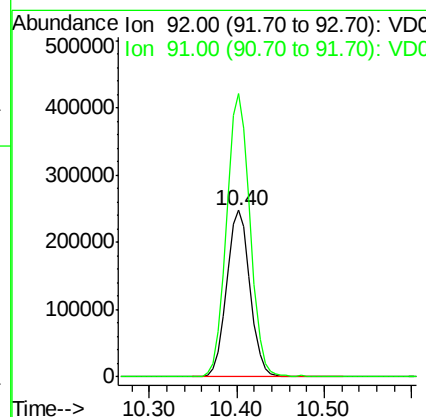
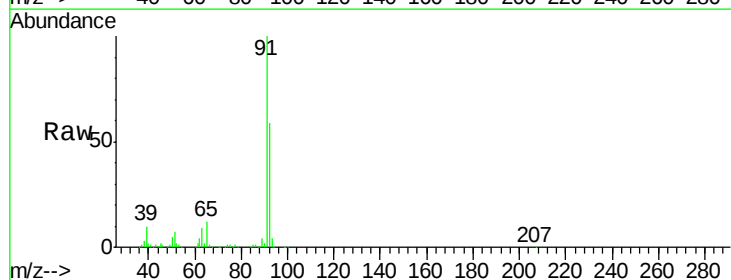
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

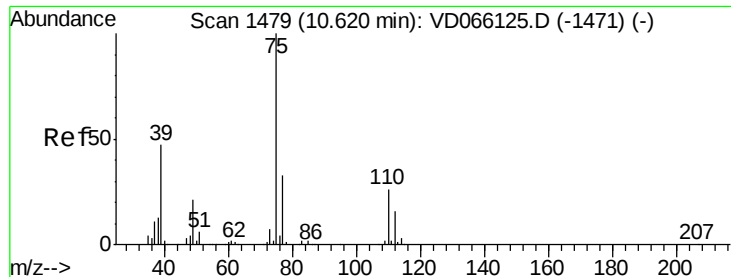
Tgt Ion: 43 Resp: 506321
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.1 46.7



#52
 Toluene
 Concen: 51.921 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion: 92 Resp: 455746
 Ion Ratio Lower Upper
 92 100
 91 170.7 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 52.826 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

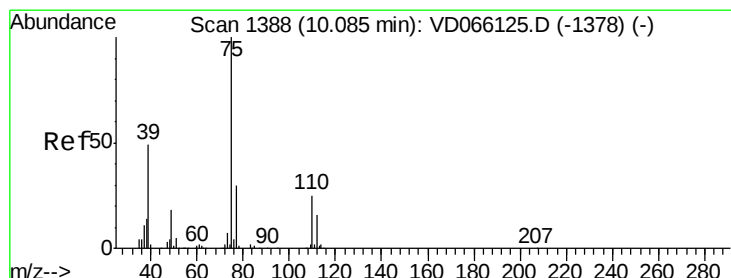
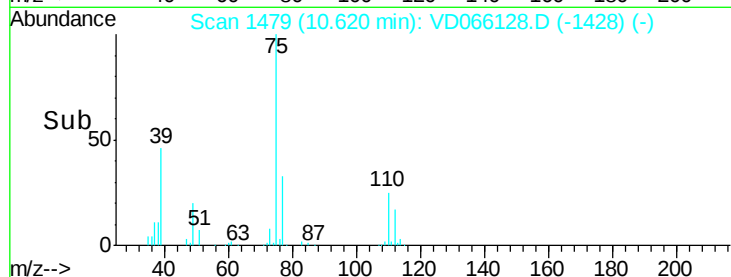
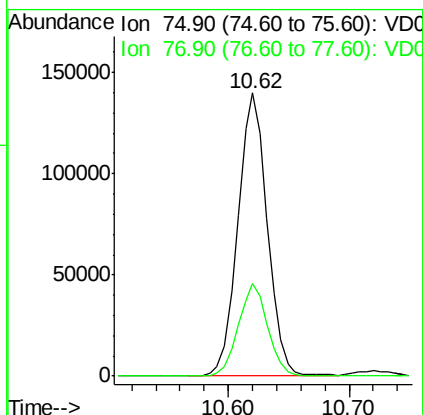
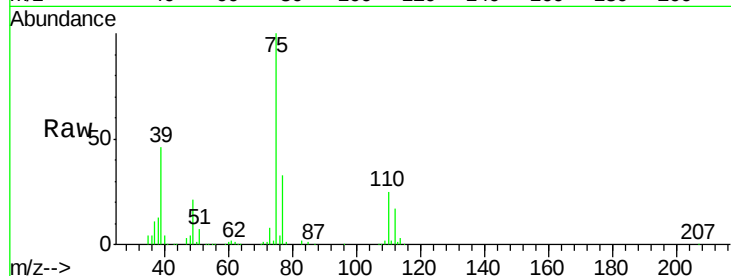
ICVVD080520

Tgt Ion: 75 Resp: 238109

Ion Ratio Lower Upper

75 100

77 32.9 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 53.028 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

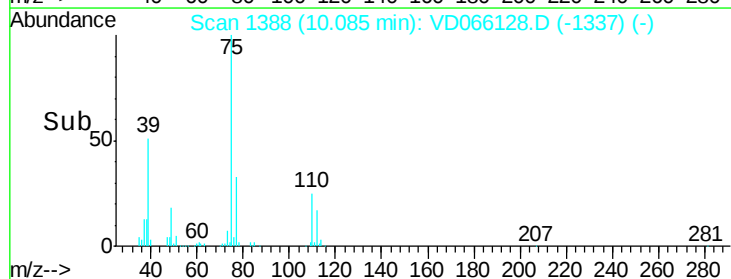
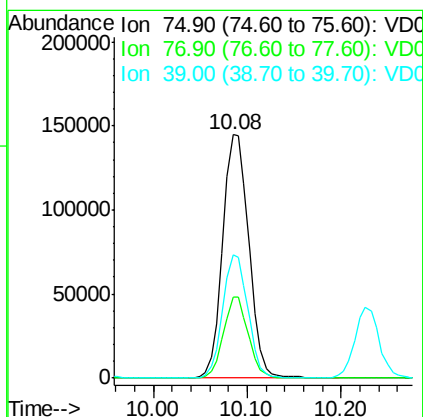
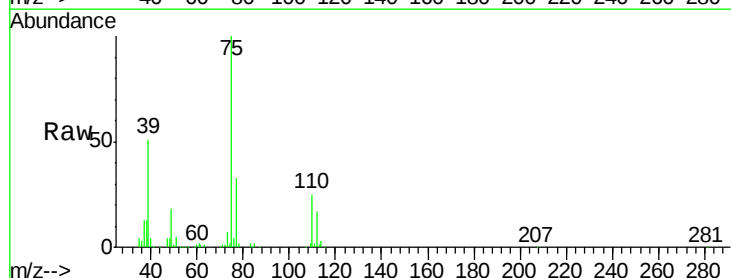
Tgt Ion: 75 Resp: 280044

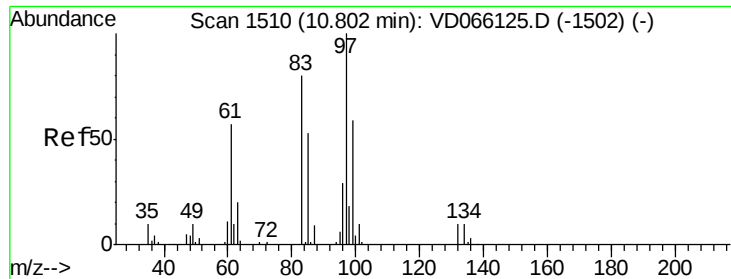
Ion Ratio Lower Upper

75 100

77 33.1 24.3 36.5

39 50.5 39.3 58.9

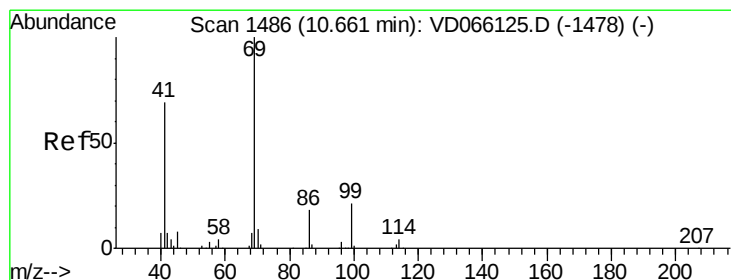
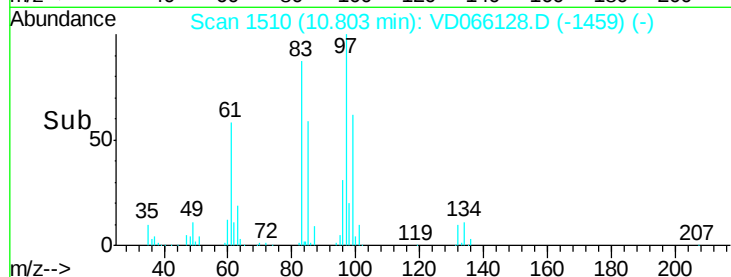
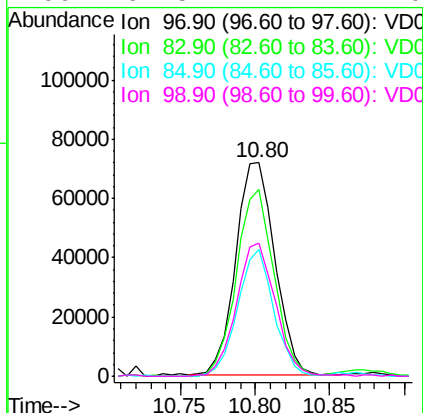
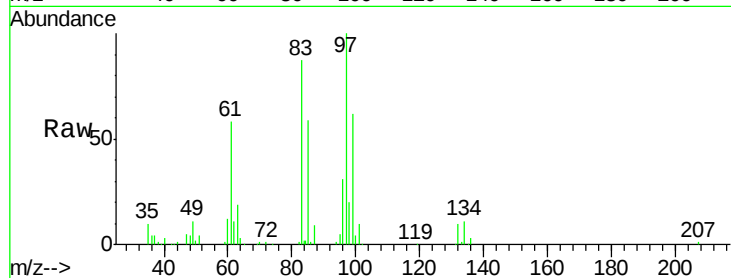




#55
 1,1,2-Trichloroethane
 Concen: 50.389 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

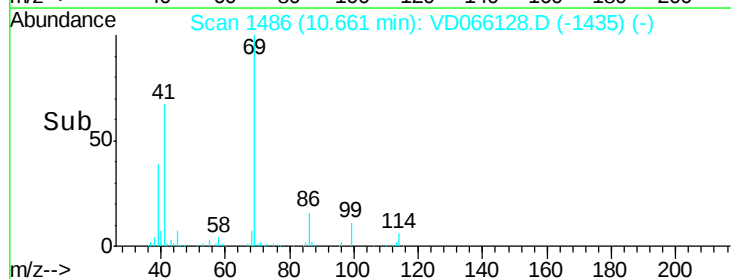
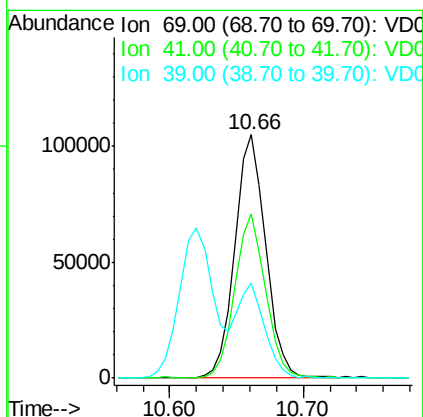
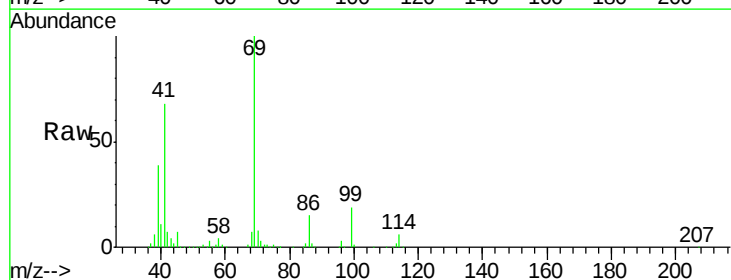
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

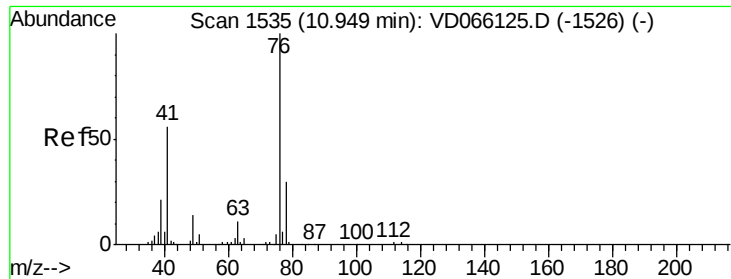
Tgt Ion:	97	Resp:	130391
Ion	Ratio	Lower	Upper
97	100		
83	88.0	63.9	95.9
85	59.5	42.5	63.7
99	62.5	47.4	71.0



#56
 Ethyl methacrylate
 Concen: 54.340 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion:	69	Resp:	168920
Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.1	81.1
39	34.9	28.6	43.0

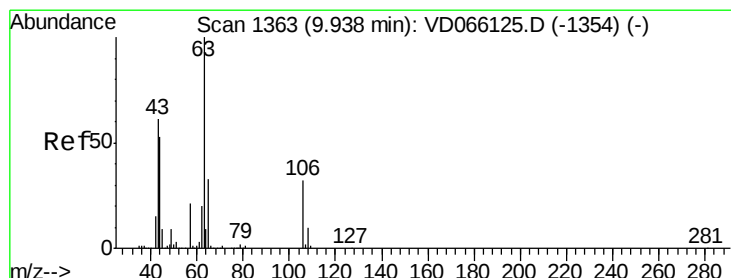
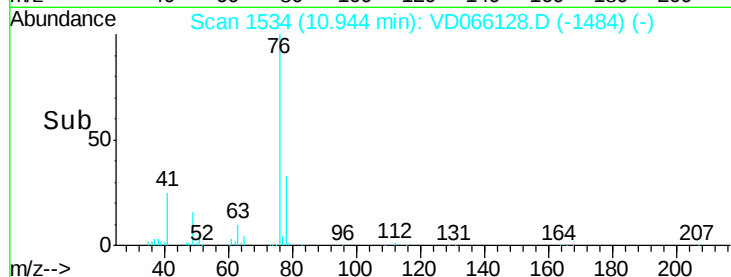
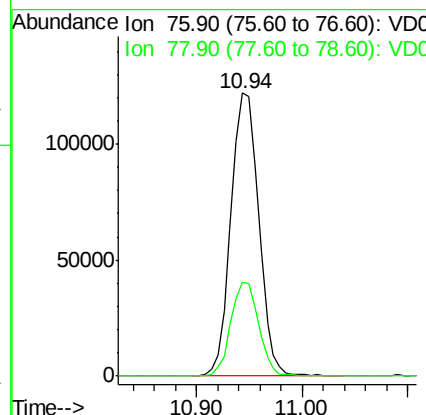
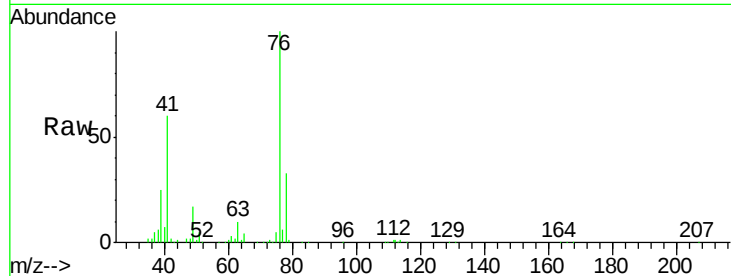




#57
 1,3-Dichloropropane
 Concen: 51.780 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

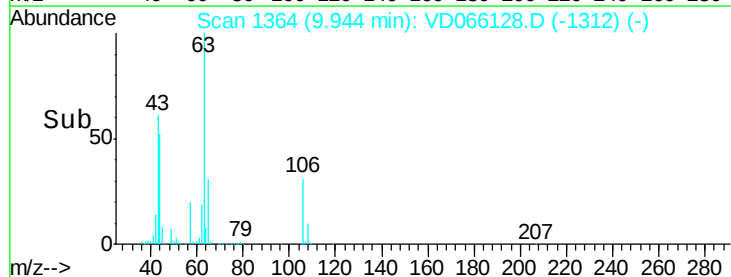
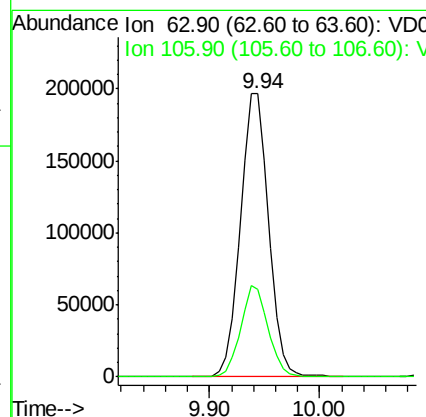
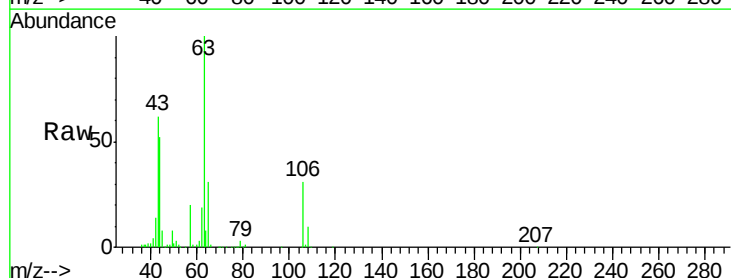
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

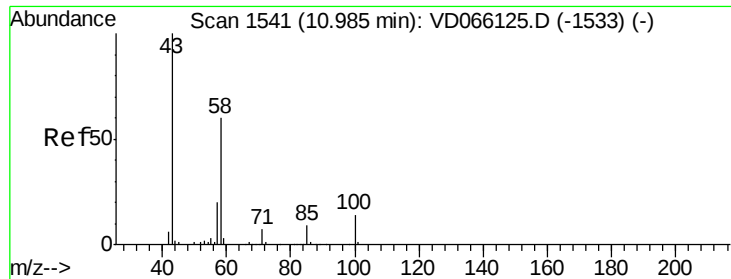
Tgt Ion: 76 Resp: 222445
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.388 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion: 63 Resp: 354307
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.3 37.9

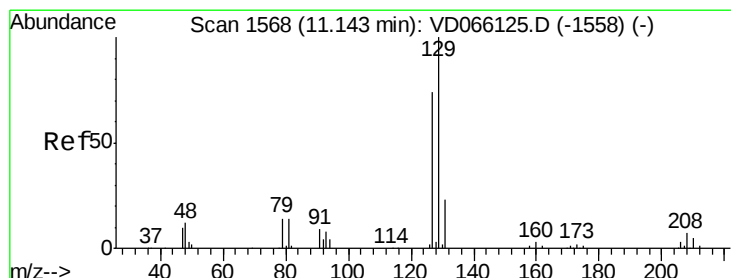
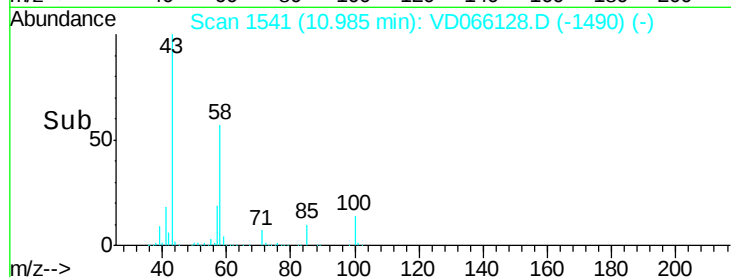
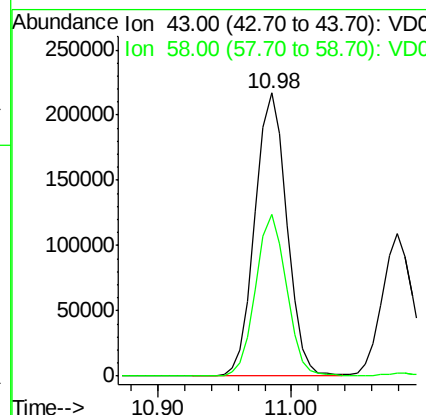
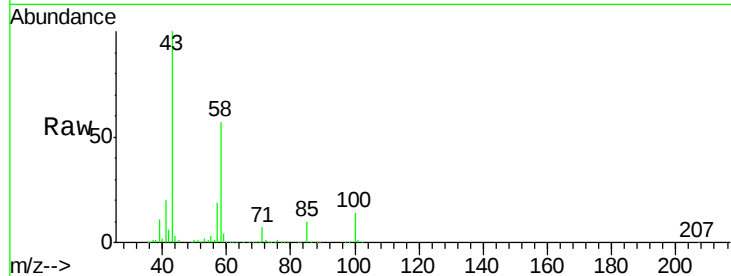




#59
2-Hexanone
Concen: 264.111 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

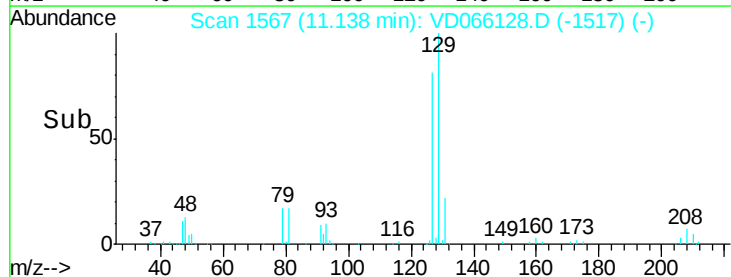
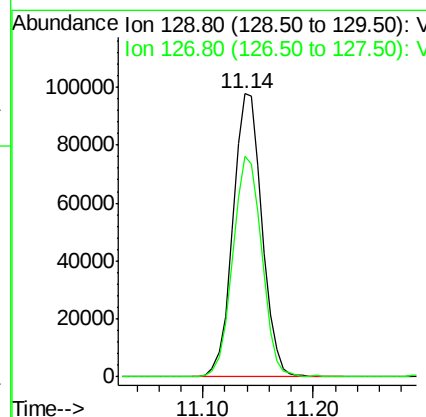
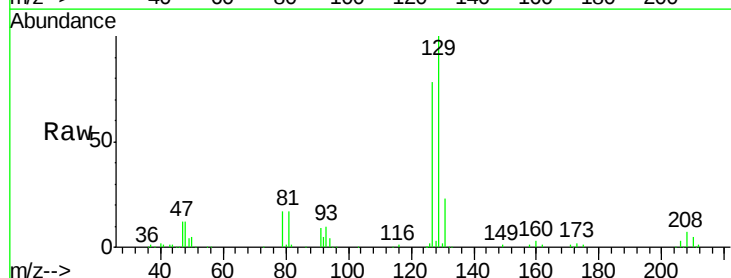
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

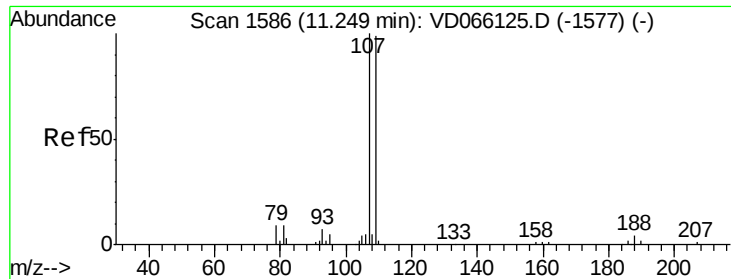
Tgt Ion: 43 Resp: 357411
Ion Ratio Lower Upper
43 100
58 55.5 27.8 83.4



#60
Dibromochloromethane
Concen: 50.576 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion: 129 Resp: 180685
Ion Ratio Lower Upper
129 100
127 77.9 38.0 114.1

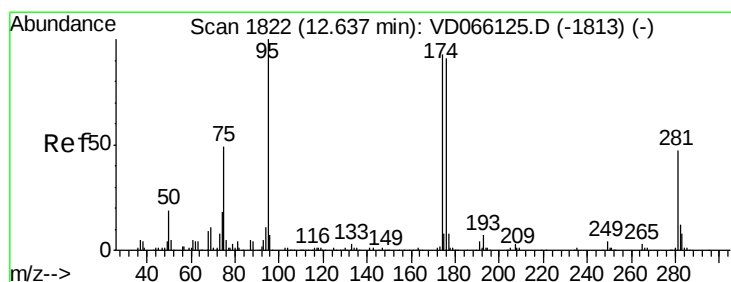
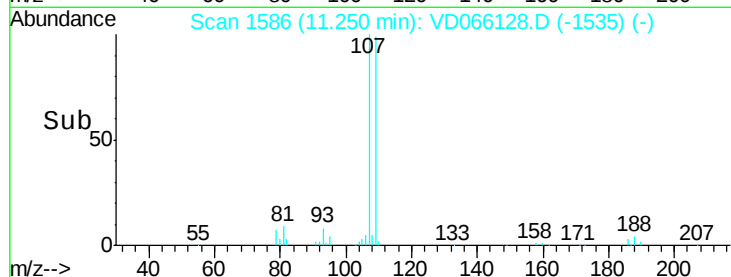
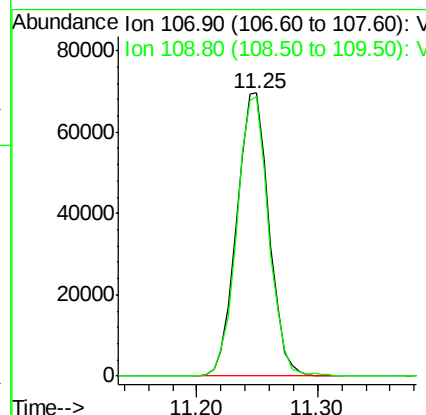
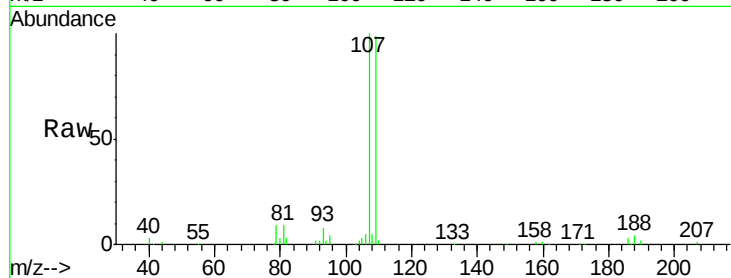




#61
 1,2-Dibromoethane
 Concen: 52.156 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

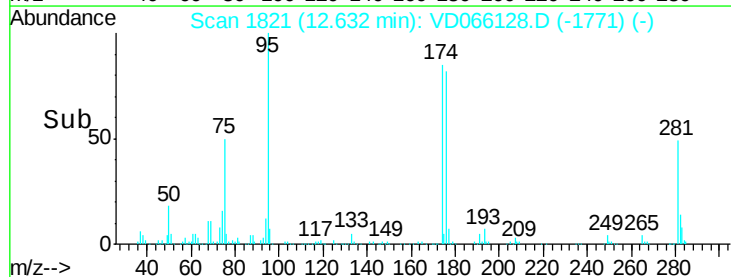
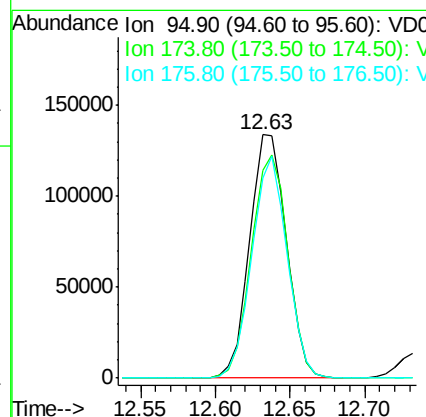
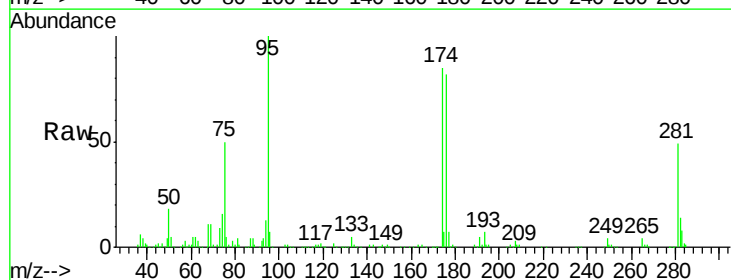
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

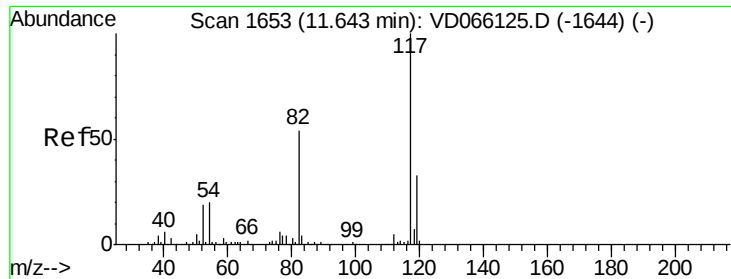
Tgt Ion: 107 Resp: 129796
 Ion Ratio Lower Upper
 107 100
 109 97.1 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 52.794 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion: 95 Resp: 227654
 Ion Ratio Lower Upper
 95 100
 174 90.8 0.0 180.8
 176 87.1 0.0 181.2

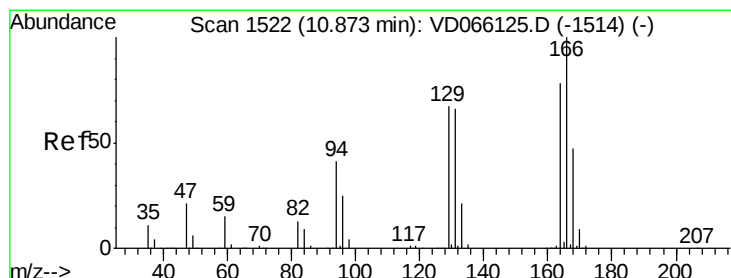
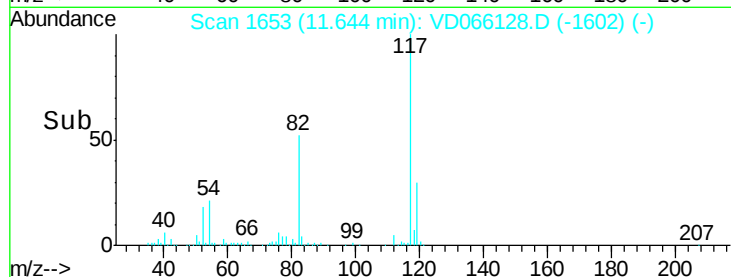
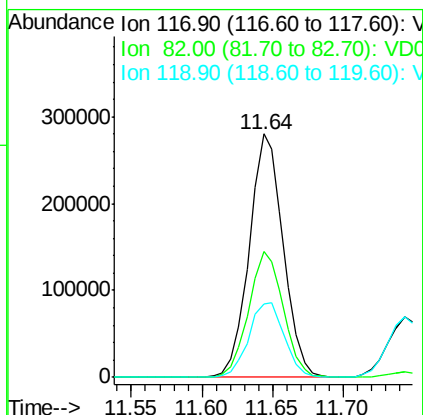
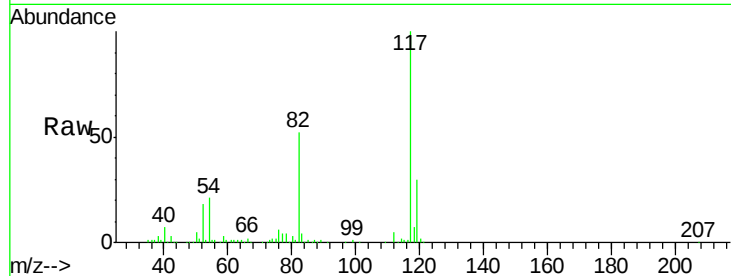




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

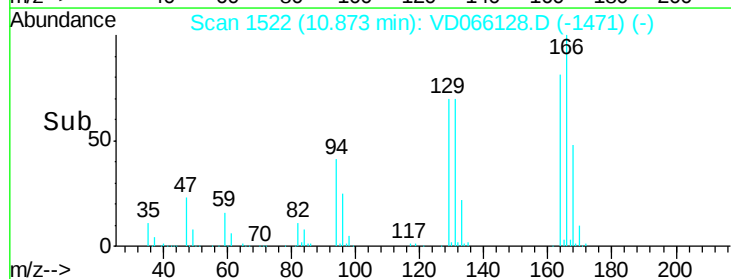
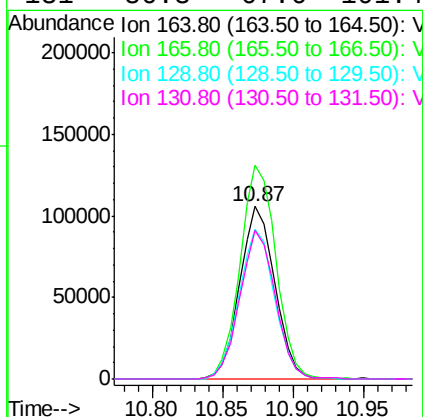
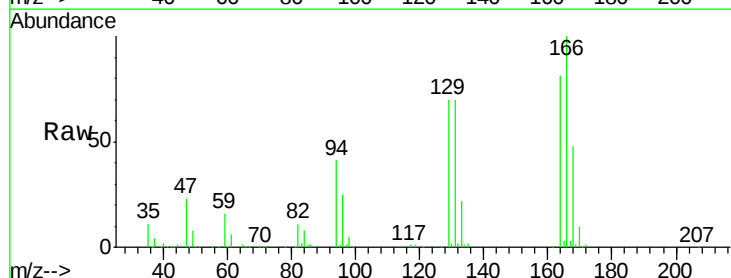
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

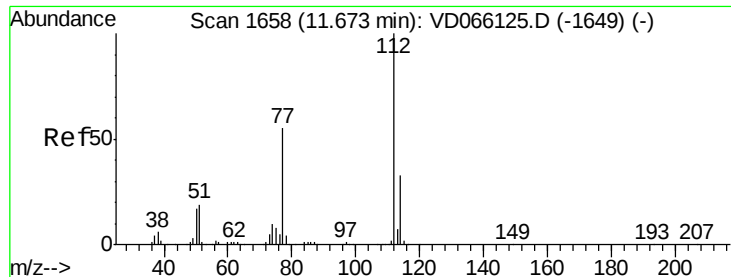
Tgt Ion:117 Resp: 472939
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 30.2 26.1 39.1



#64
Tetrachloroethene
Concen: 50.892 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion:164 Resp: 184821
Ion Ratio Lower Upper
164 100
166 123.9 101.9 152.9
129 87.1 68.1 102.1
131 86.3 67.6 101.4

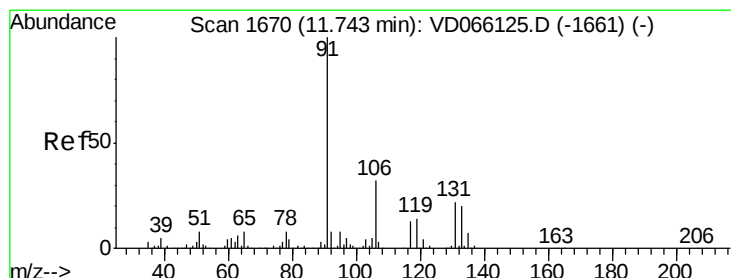
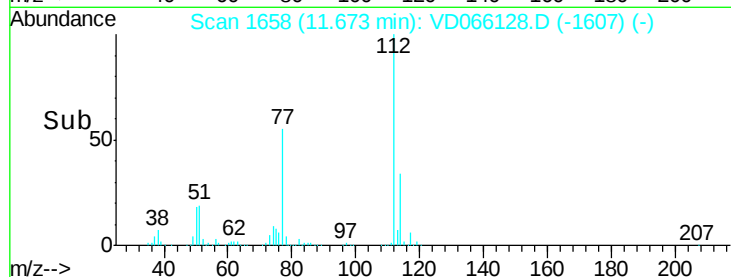
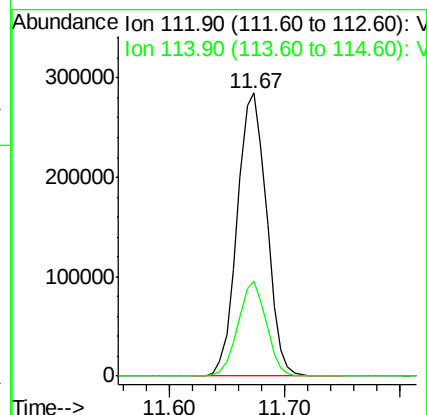
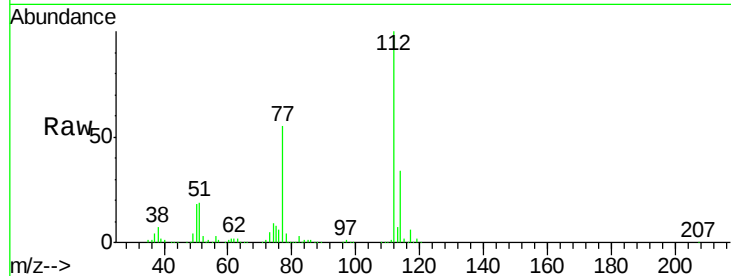




#65
Chlorobenzene
Concen: 52.249 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

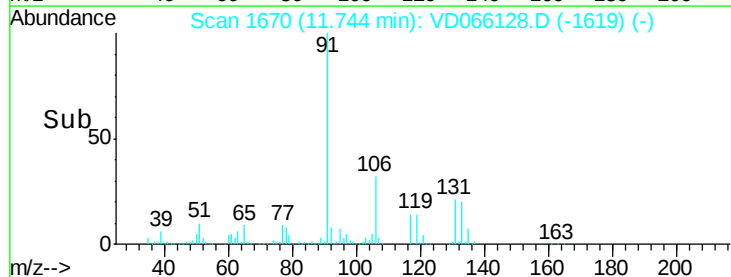
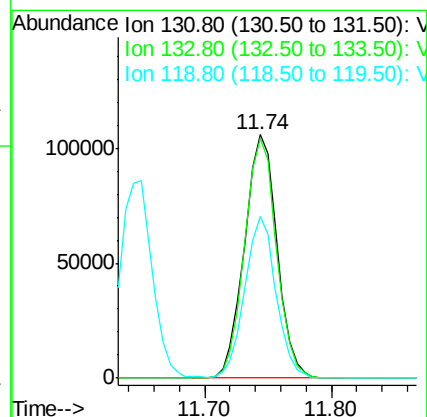
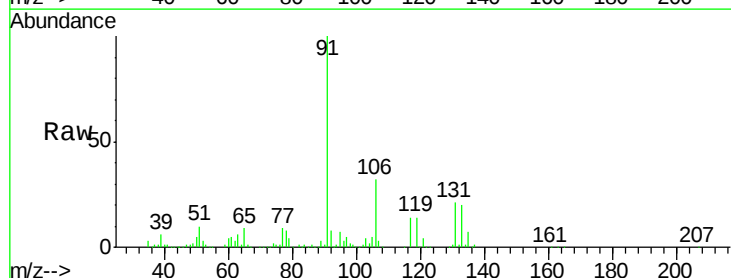
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

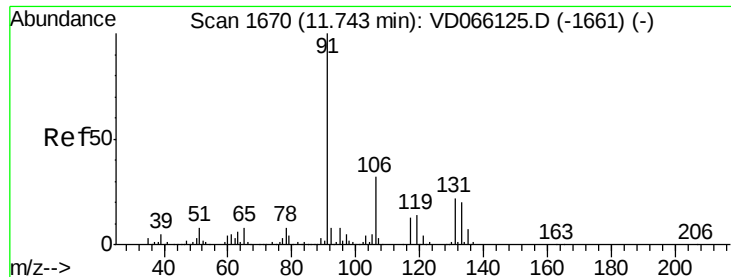
Tgt Ion:112 Resp: 501629
Ion Ratio Lower Upper
112 100
114 33.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.527 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion:131 Resp: 189805
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 63.6 31.6 94.7





#67

Ethyl Benzene

Concen: 52.501 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

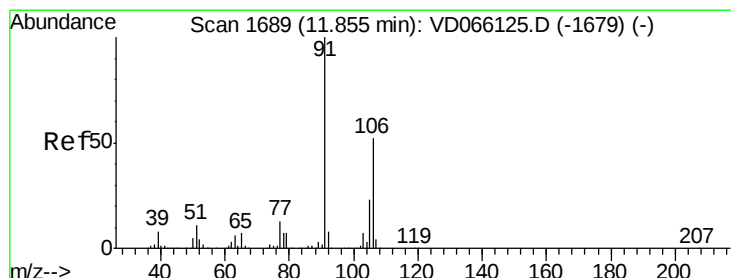
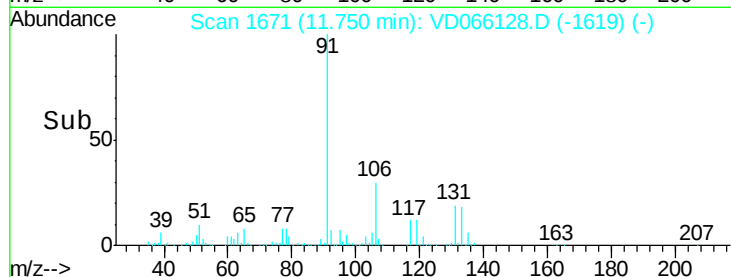
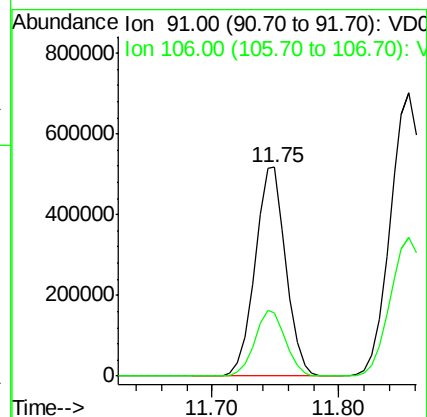
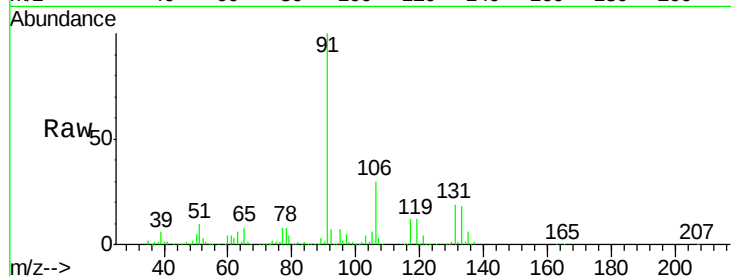
ICVVD080520

Tgt Ion: 91 Resp: 873472

Ion Ratio Lower Upper

91 100

106 30.5 25.7 38.5



#68

m/p-Xylenes

Concen: 103.045 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD066128.D

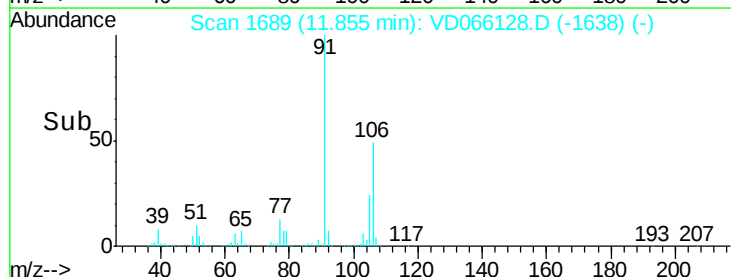
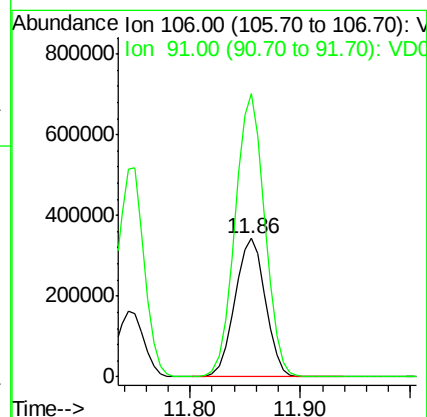
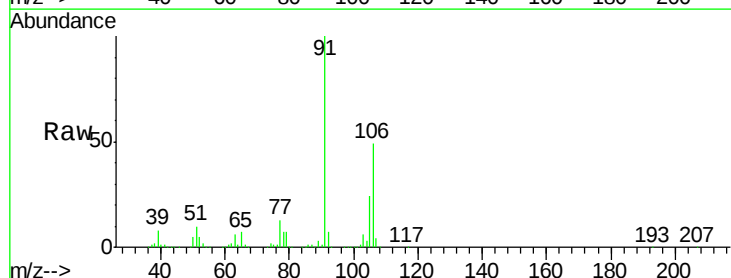
Acq: 05 Aug 2020 13:49

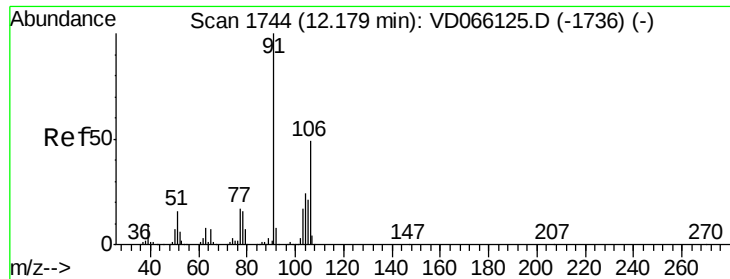
Tgt Ion: 106 Resp: 664224

Ion Ratio Lower Upper

106 100

91 199.1 156.6 235.0

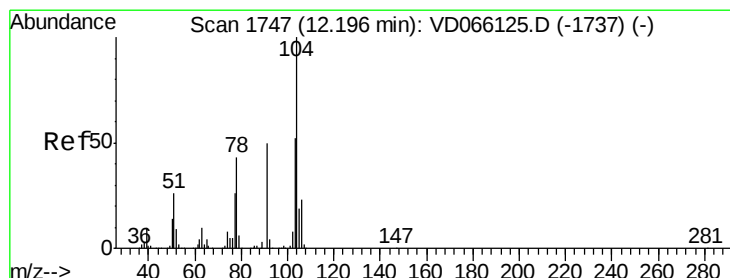
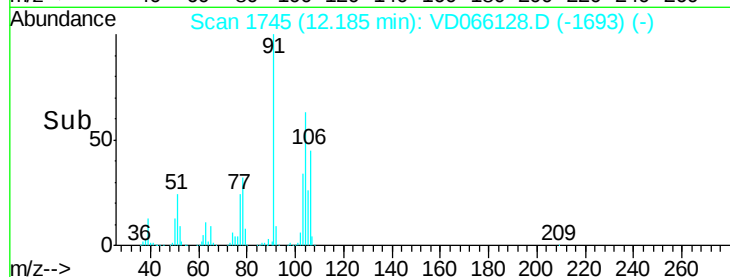
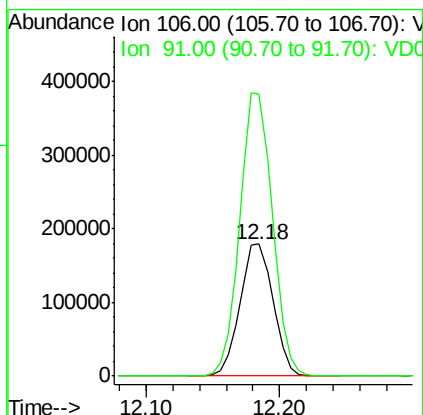
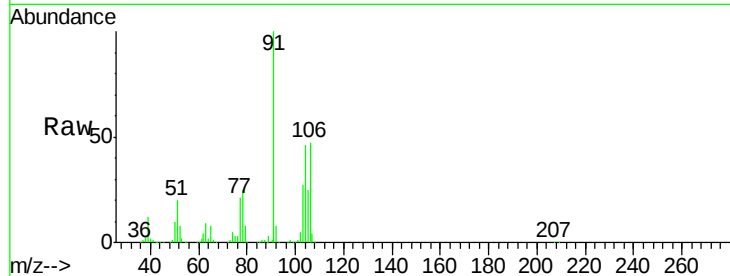




#69
o-Xylene
Concen: 52.563 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

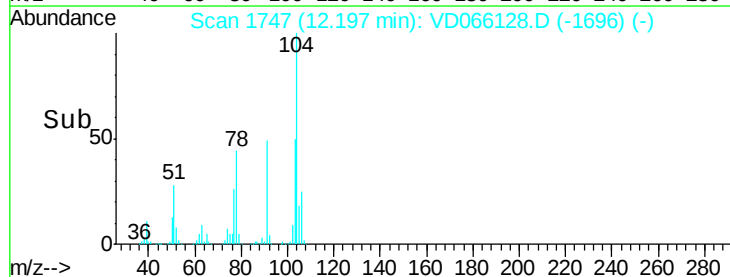
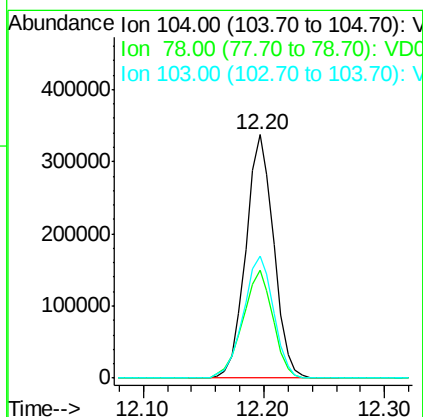
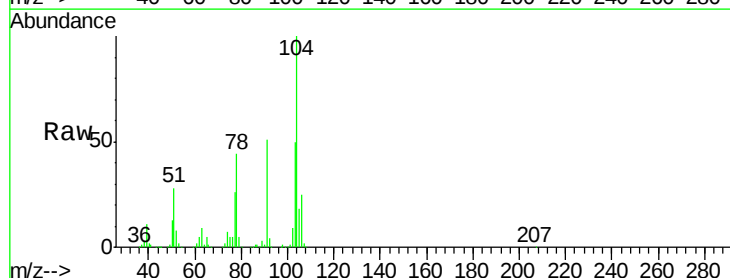
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

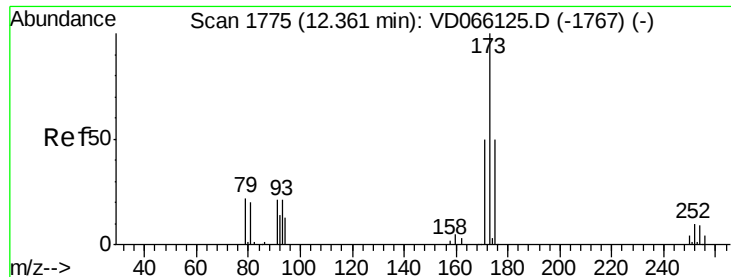
Tgt Ion:106 Resp: 308214
Ion Ratio Lower Upper
106 100
91 210.9 105.7 317.1



#70
Styrene
Concen: 52.890 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion:104 Resp: 543515
Ion Ratio Lower Upper
104 100
78 48.2 38.6 58.0
103 54.4 44.1 66.1





#71

Bromoform

Concen: 50.547 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

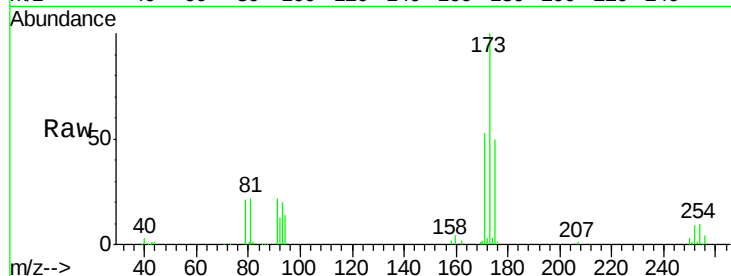
Tgt Ion:173 Resp: 112501

Ion Ratio Lower Upper

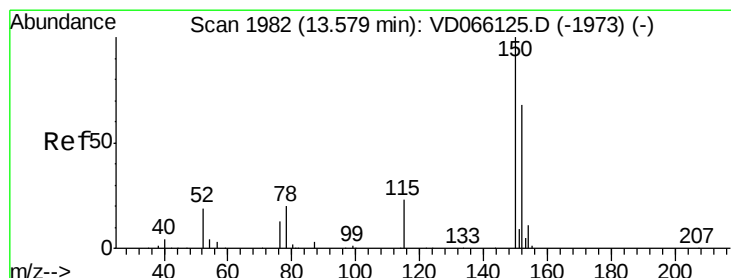
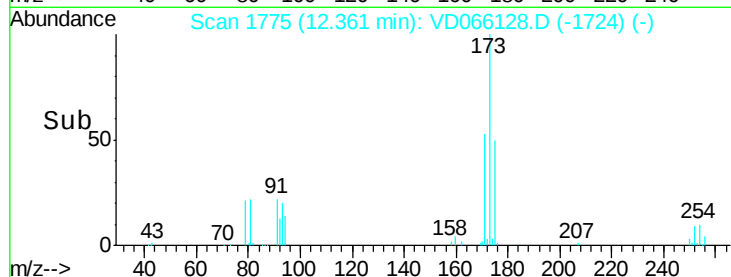
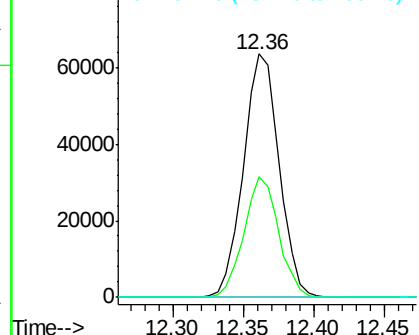
173 100

175 48.4 24.6 73.6

254 0.1 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: VD066128.D

Acq: 05 Aug 2020 13:49

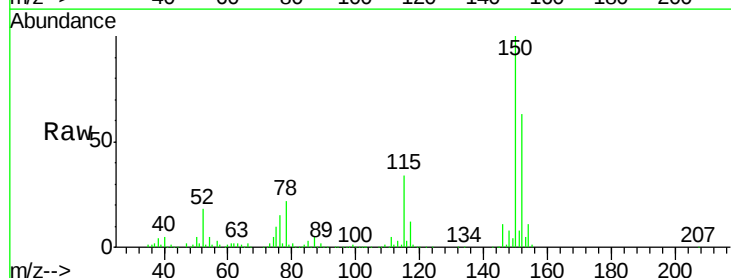
Tgt Ion:152 Resp: 239919

Ion Ratio Lower Upper

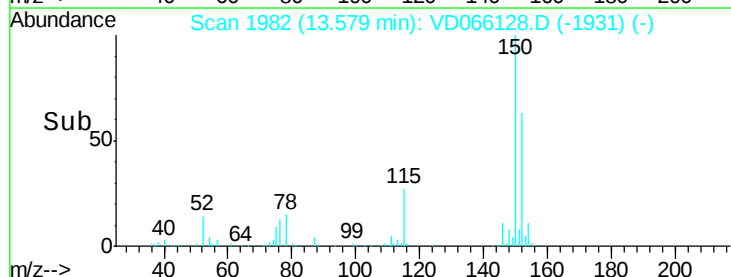
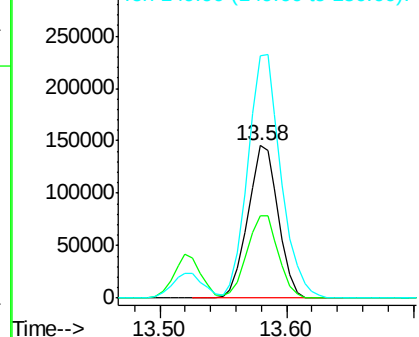
152 100

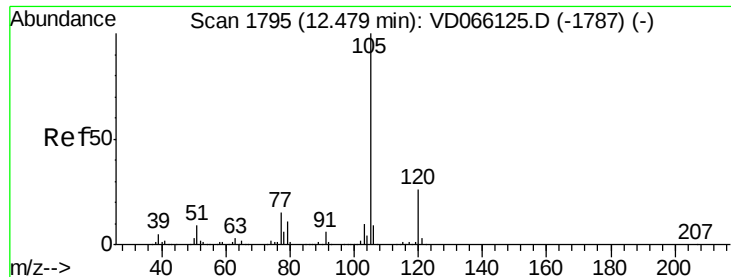
115 56.0 28.0 83.9

150 175.1 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: 53.422 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

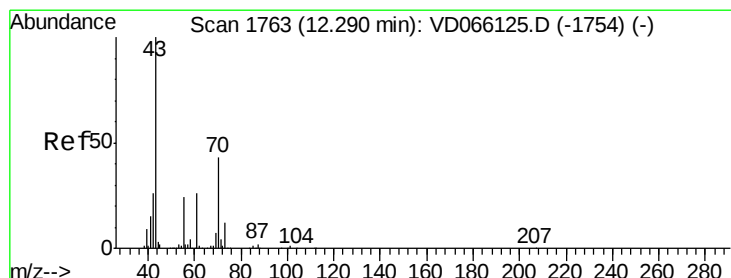
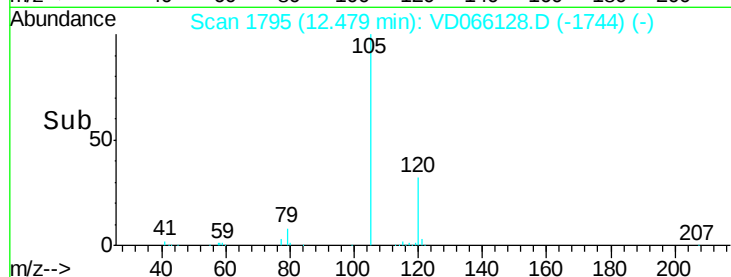
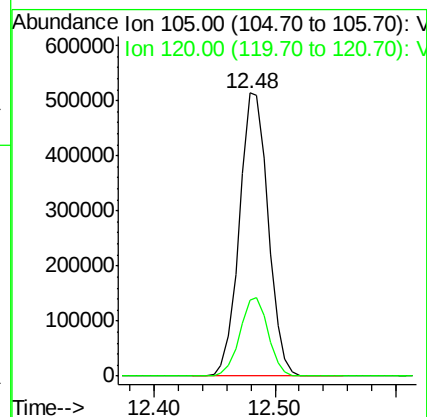
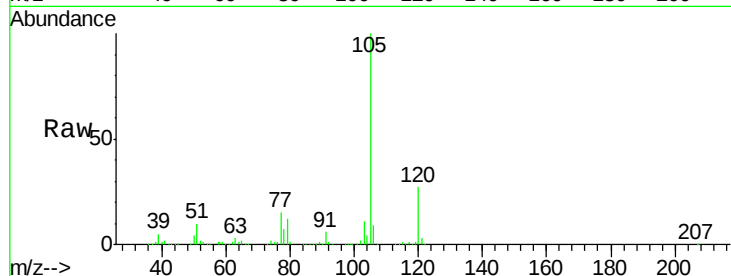
ICVVD080520

Tgt Ion: 105 Resp: 855559

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



#74

N-ethyl acetate

Concen: 55.264 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Tgt Ion: 43 Resp: 194897

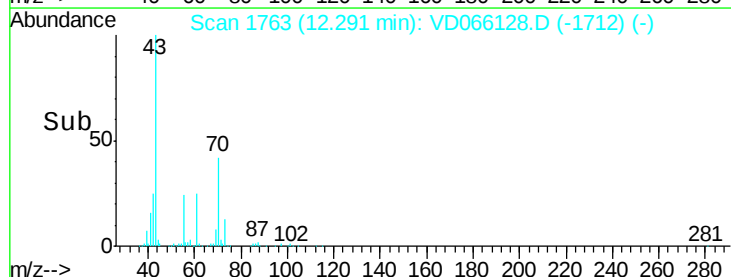
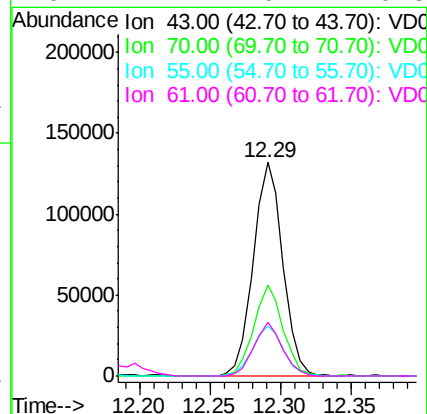
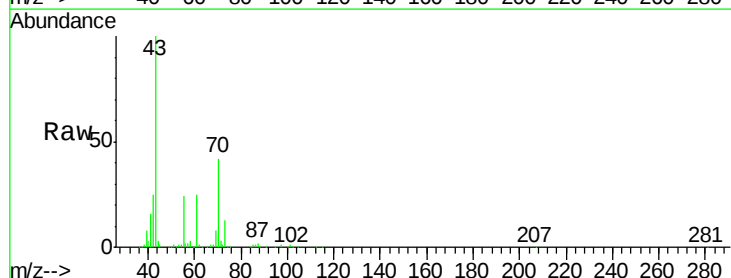
Ion Ratio Lower Upper

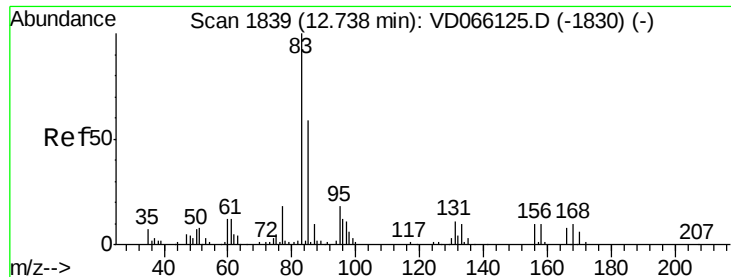
43 100

70 42.0 34.9 52.3

55 24.5 19.2 28.8

61 24.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.543 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

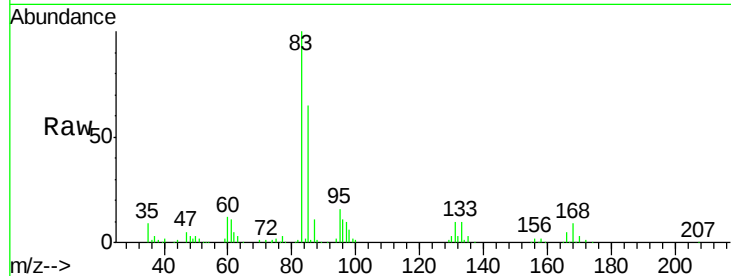
Tgt Ion: 83 Resp: 143487

Ion Ratio Lower Upper

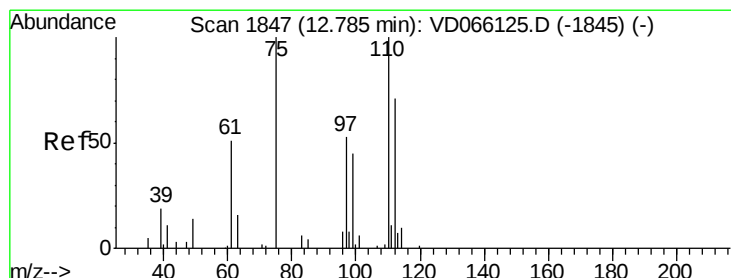
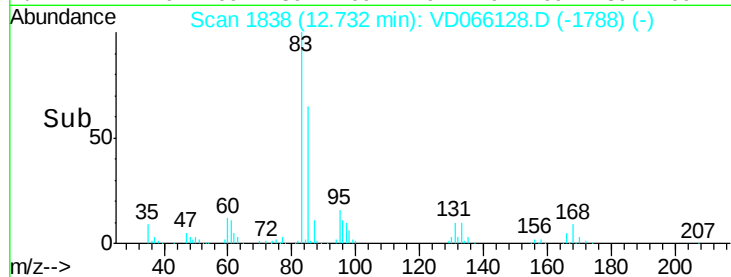
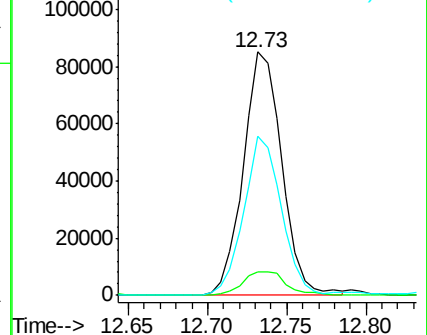
83 100

131 11.0 6.2 18.6

85 63.8 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: 94.450 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066128.D

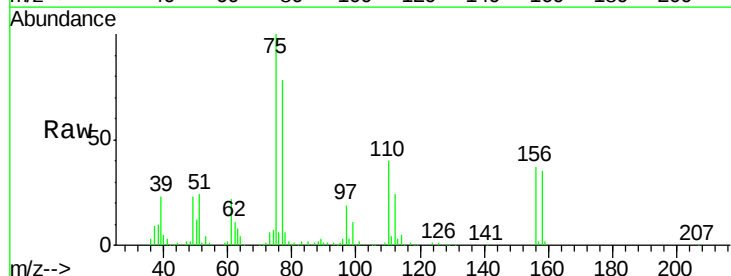
Acq: 05 Aug 2020 13:49

Tgt Ion: 75 Resp: 188972

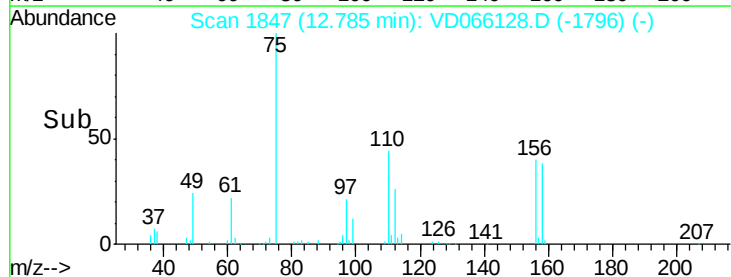
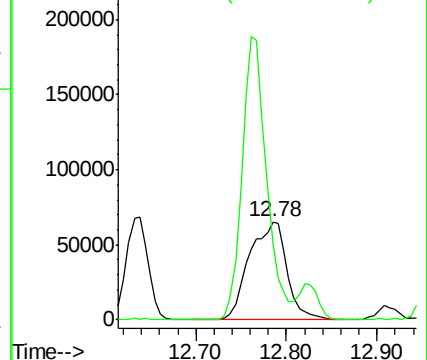
Ion Ratio Lower Upper

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: 52.865 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

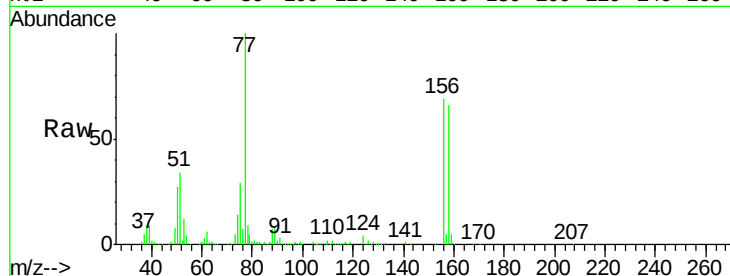
Tgt Ion:156 Resp: 217944

Ion Ratio Lower Upper

156 100

77 164.2 81.0 243.1

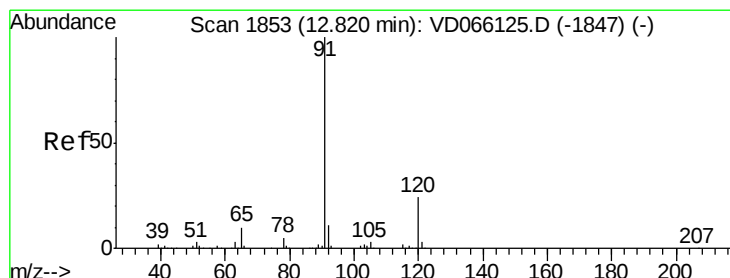
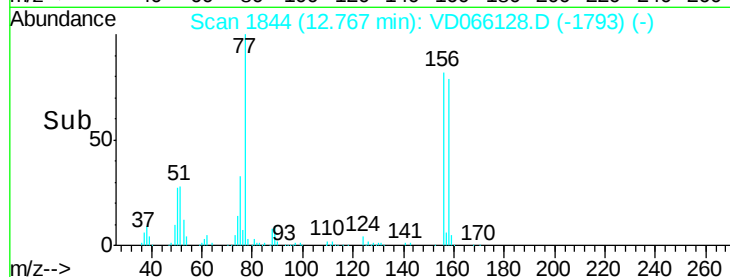
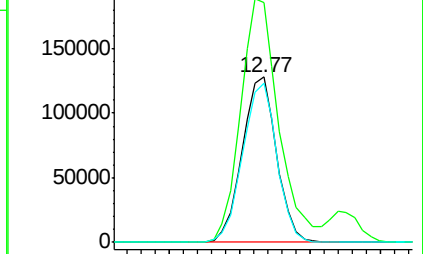
158 95.9 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.055 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD066128.D

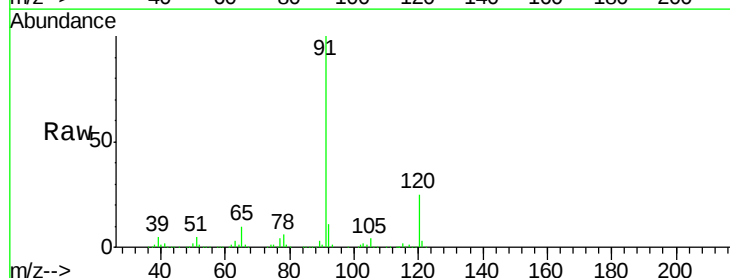
Acq: 05 Aug 2020 13:49

Tgt Ion: 91 Resp: 1006317

Ion Ratio Lower Upper

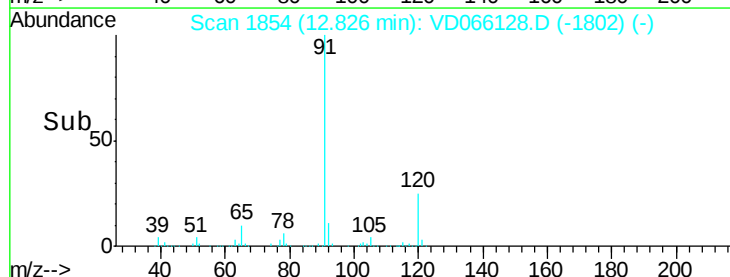
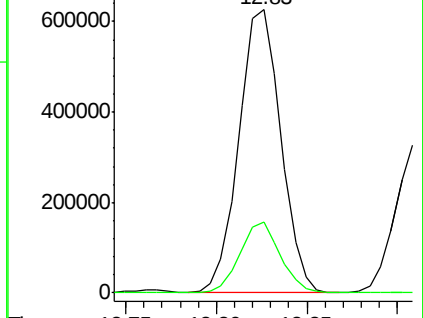
91 100

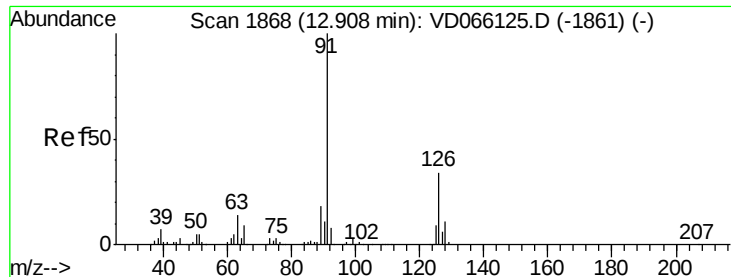
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.734 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

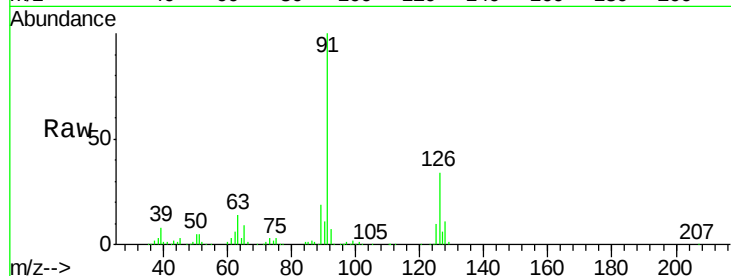
ICVVD080520

Tgt Ion: 91 Resp: 561479

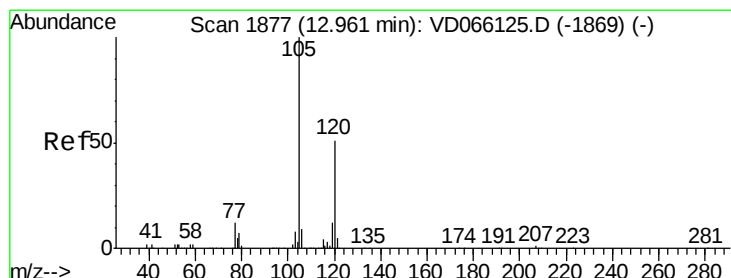
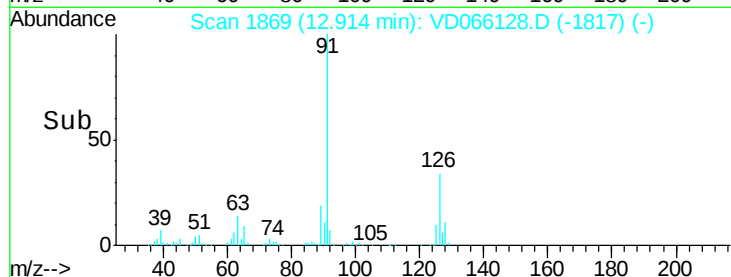
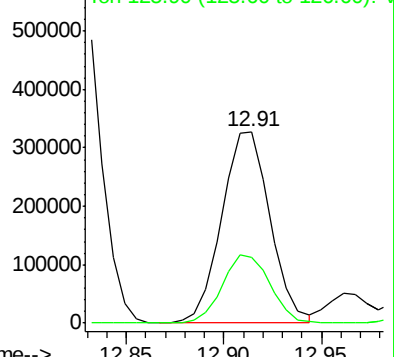
Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066128.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.452 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD066128.D

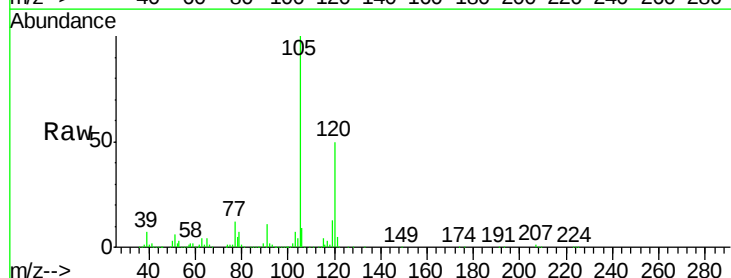
Acq: 05 Aug 2020 13:49

Tgt Ion: 105 Resp: 715914

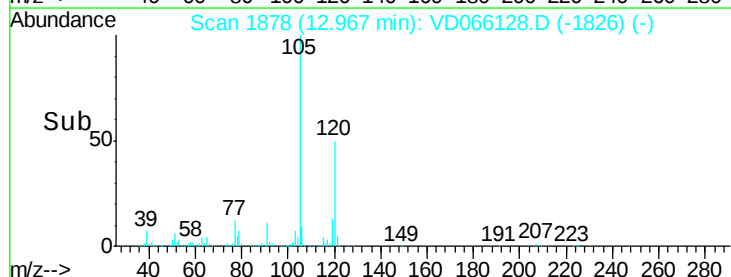
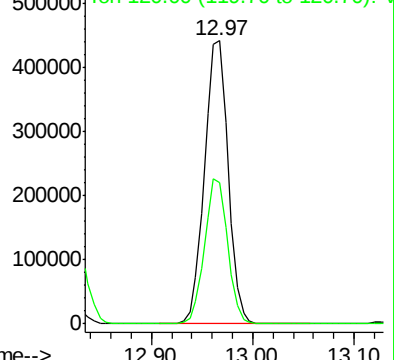
Ion Ratio Lower Upper

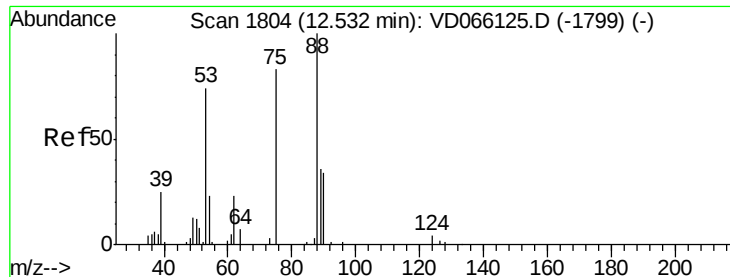
105 100

120 50.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VD066128.D (-1826) (-)

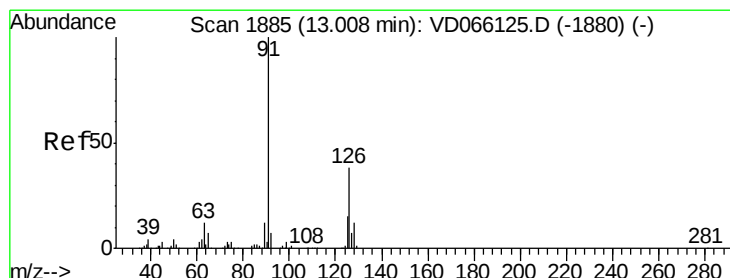
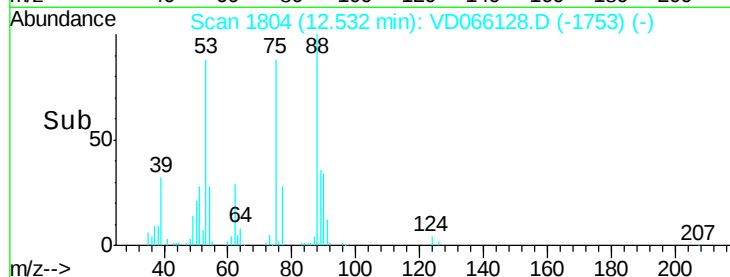
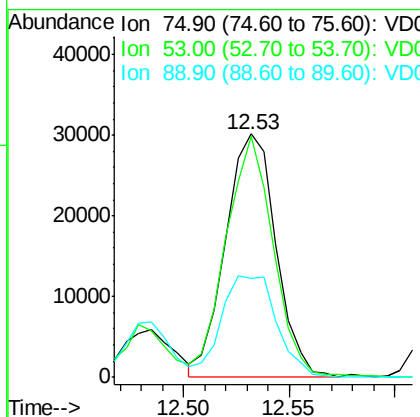
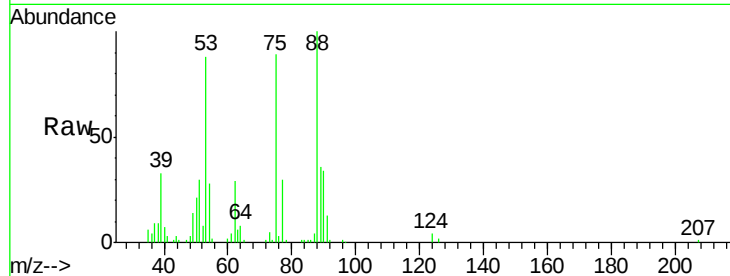




#81
trans-1,4-Dichloro-2-butene
Concen: 54.997 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

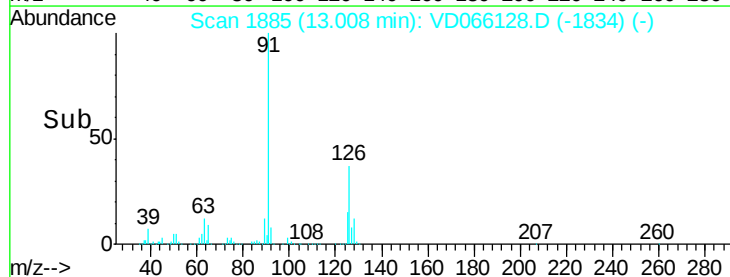
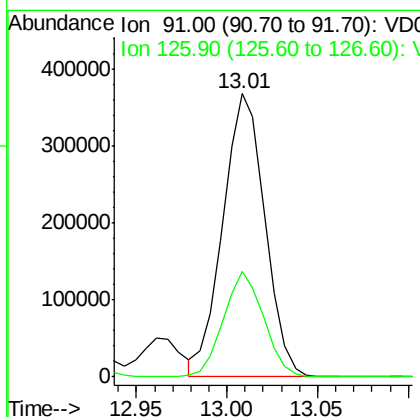
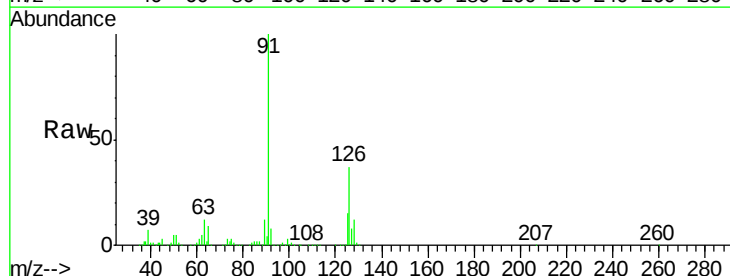
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

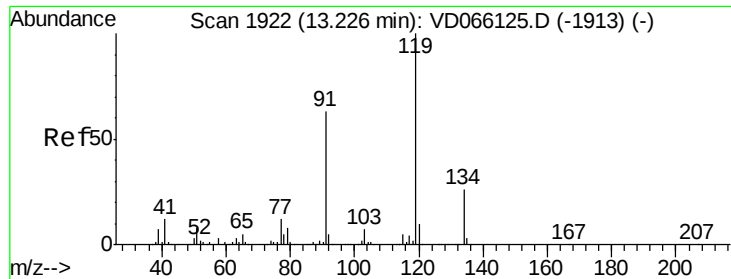
Tgt Ion: 75 Resp: 49777
Ion Ratio Lower Upper
75 100
53 93.1 73.4 110.2
89 46.0 36.6 55.0



#82
4-Chlorotoluene
Concen: 52.695 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion: 91 Resp: 592285
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.3

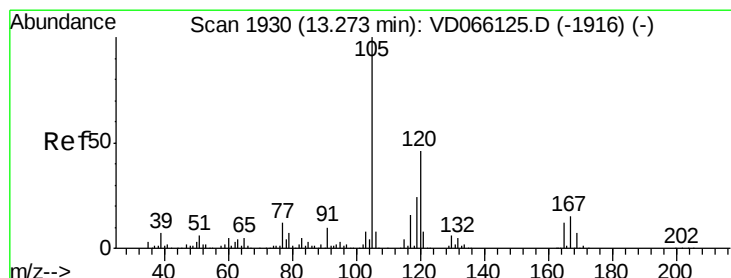
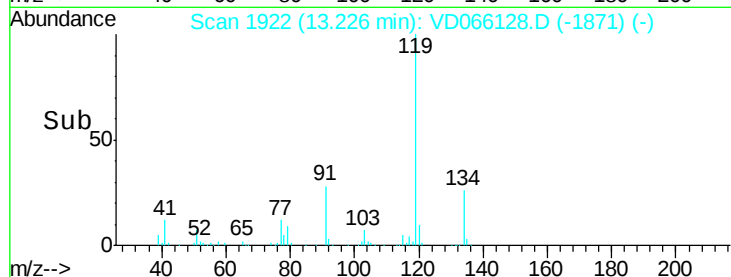
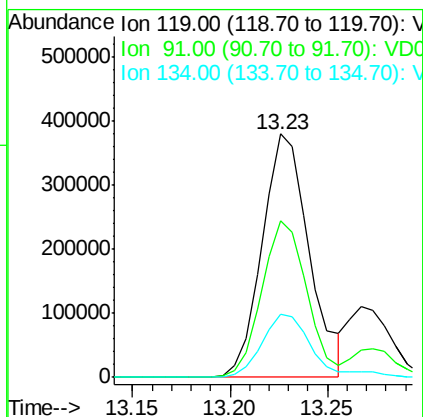
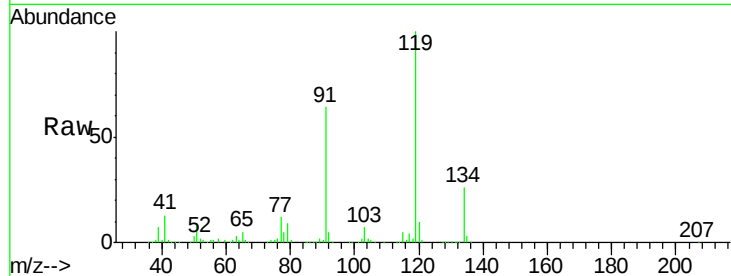




#83
 tert-Butylbenzene
 Concen: 53.842 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

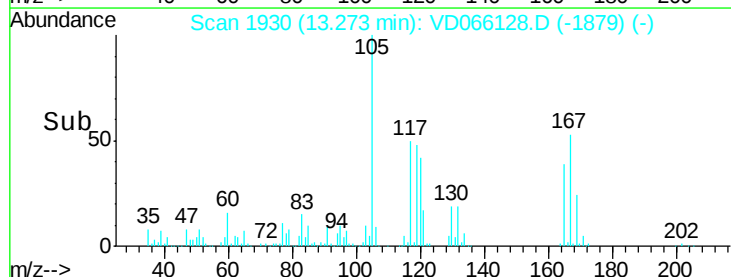
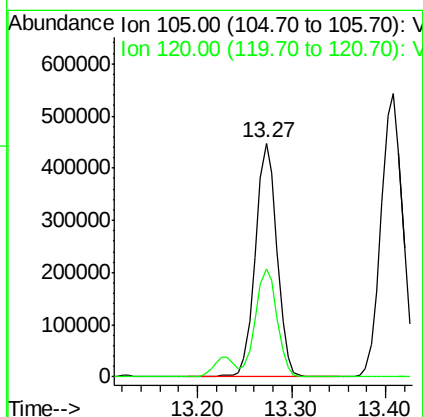
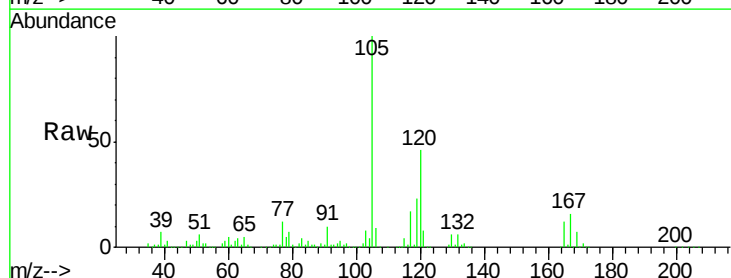
Instrument :
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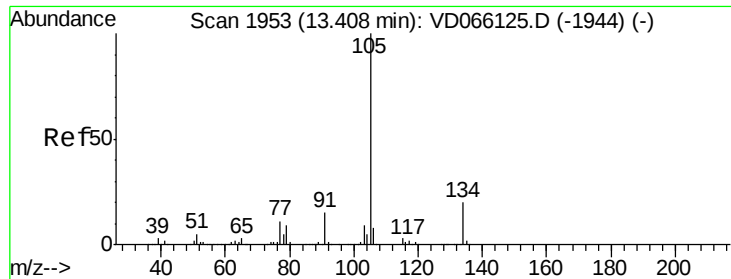
Tgt Ion:119 Resp: 634201
 Ion Ratio Lower Upper
 119 100
 91 61.5 30.8 92.4
 134 27.6 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 53.066 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion:105 Resp: 711292
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.1 69.2

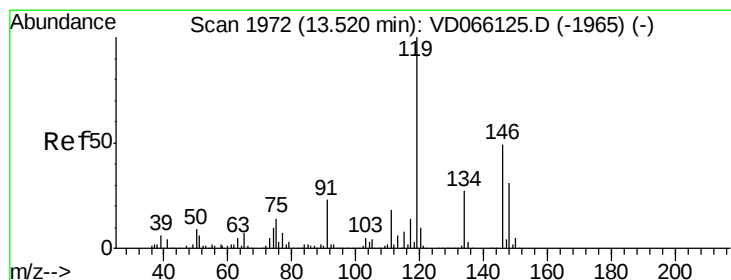
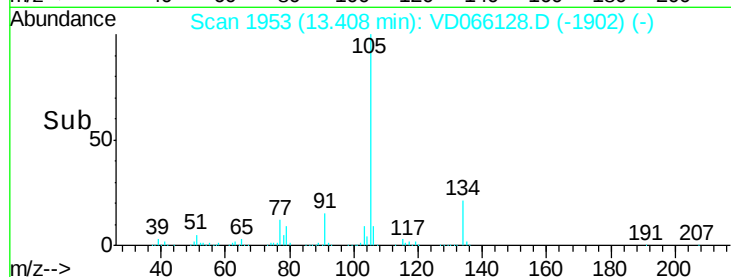
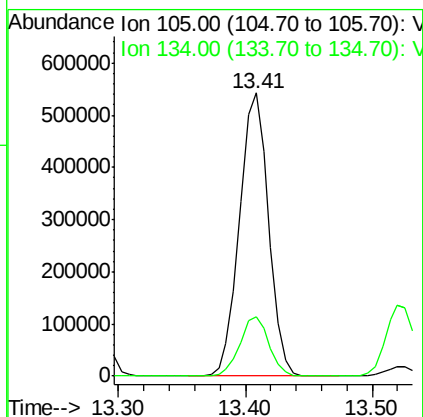
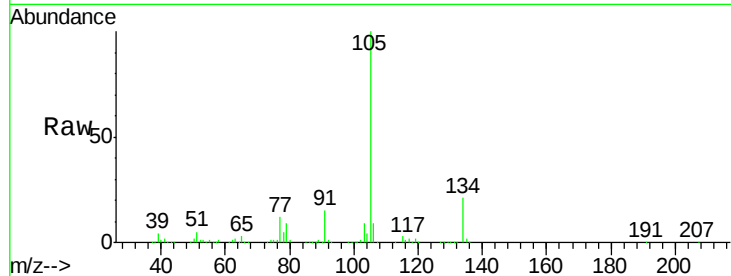




#85
 sec-Butylbenzene
 Concen: 54.149 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

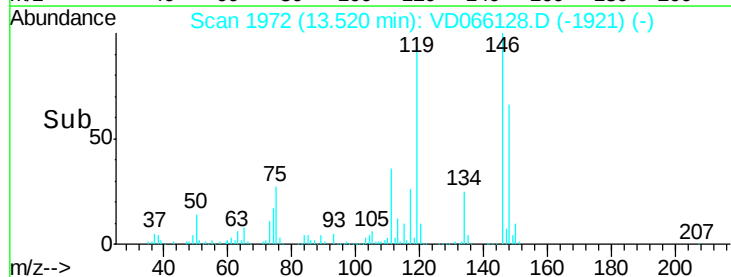
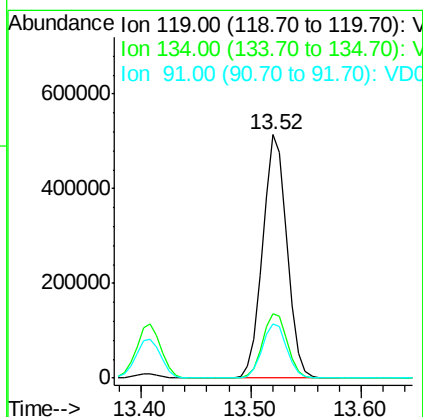
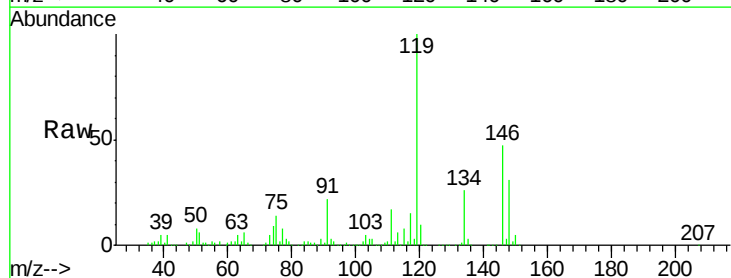
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

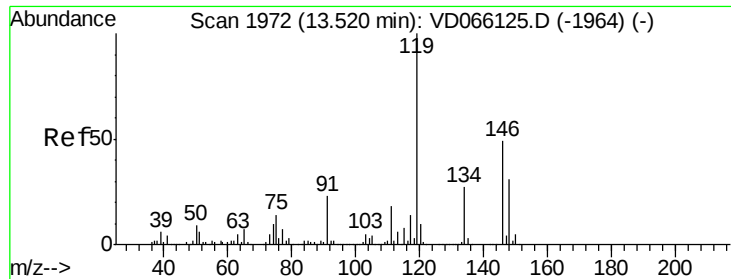
Tgt Ion:105 Resp: 861133
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 53.181 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion:119 Resp: 793219
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.4
 91 22.8 11.2 33.5

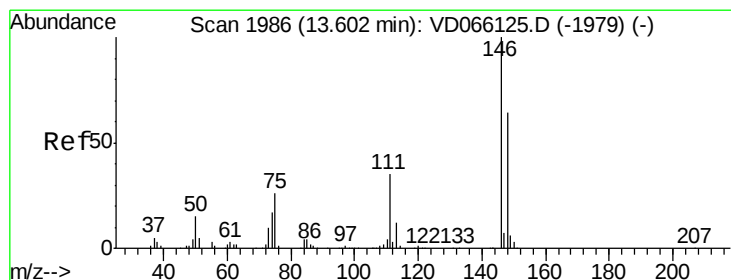
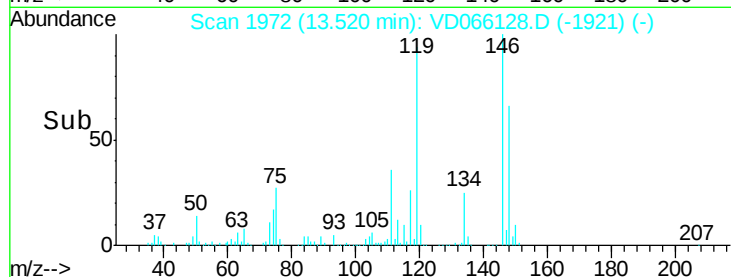
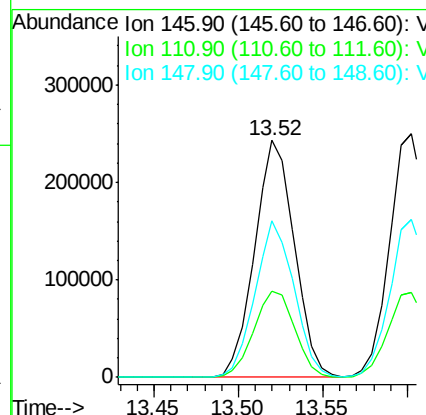
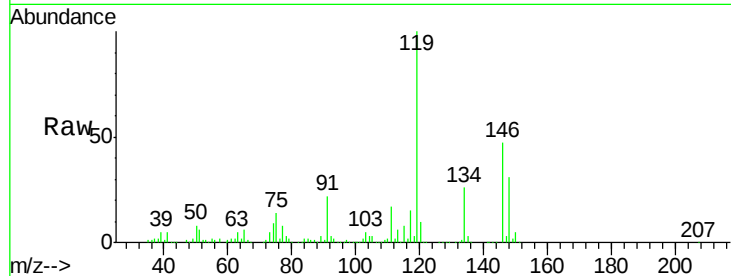




#87
 1,3-Dichlorobenzene
 Concen: 51.467 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

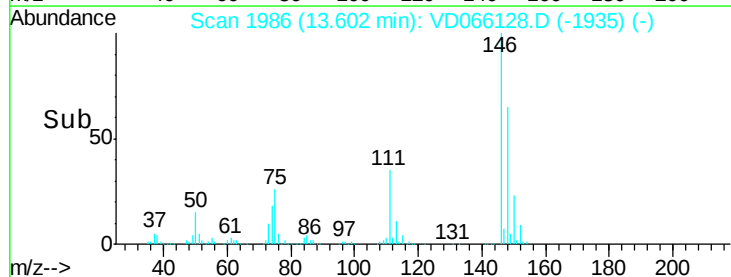
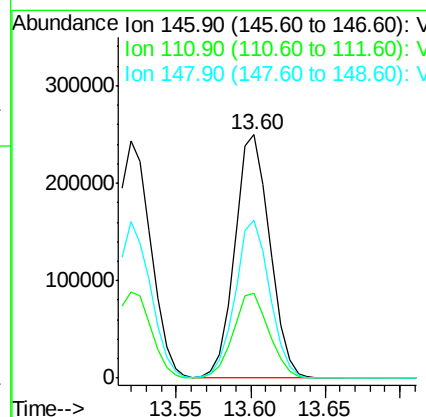
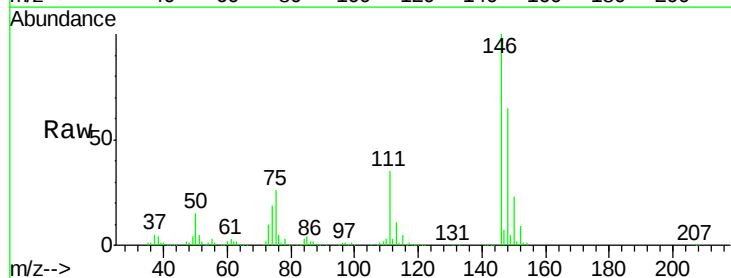
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

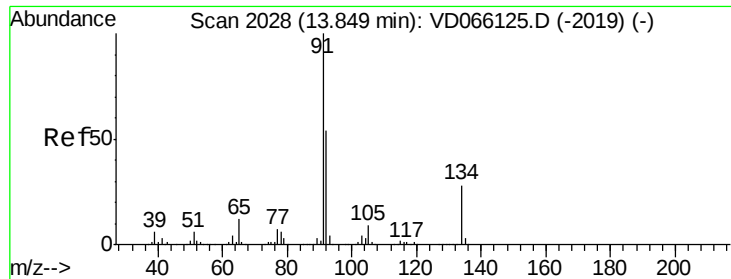
Tgt Ion:146 Resp: 398780
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.9
 148 64.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 52.894 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion:146 Resp: 408728
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.6 55.8
 148 63.9 32.4 97.0

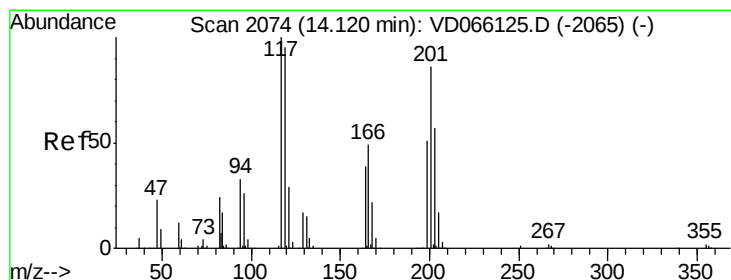
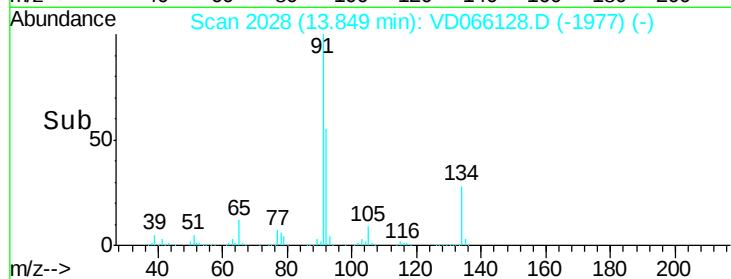
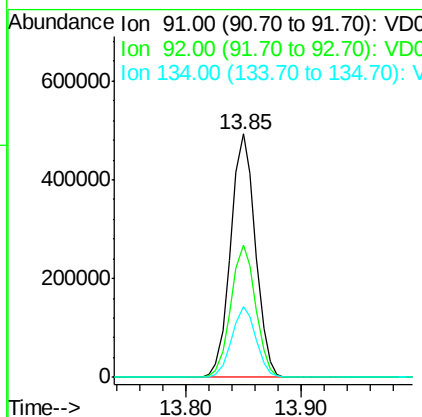
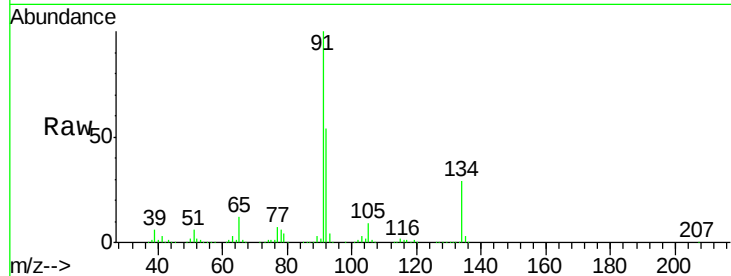




#89
n-Butylbenzene
Concen: 54.589 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

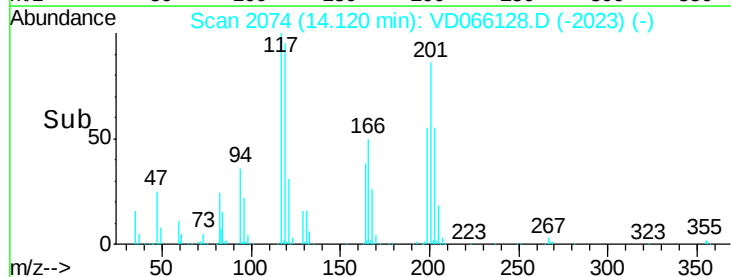
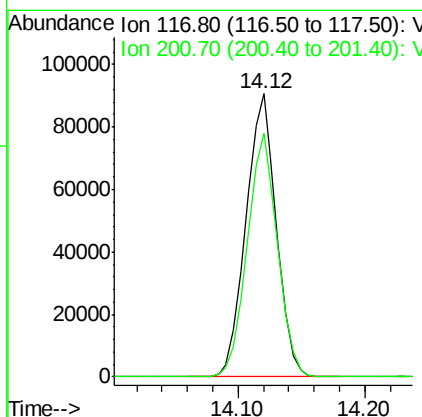
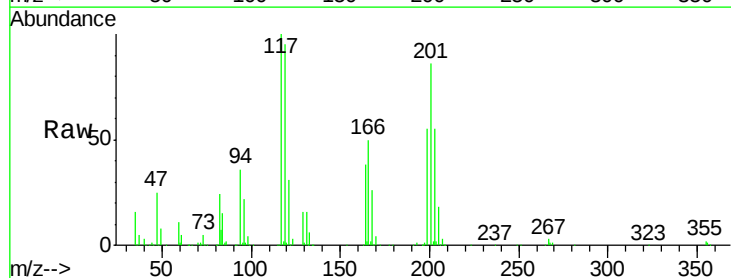
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ClientSampleId :
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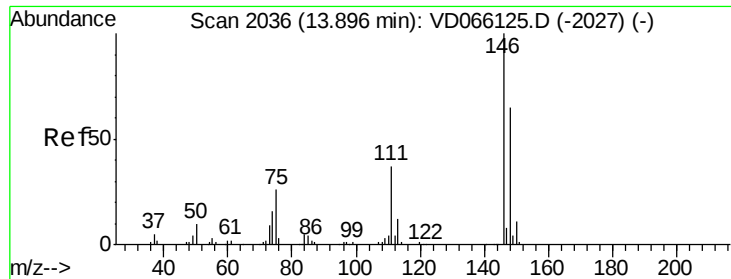
Tgt Ion: 91 Resp: 729514
Ion Ratio Lower Upper
91 100
92 54.4 26.8 80.3
134 28.4 14.0 41.9



#90
Hexachloroethane
Concen: 50.811 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion: 117 Resp: 151150
Ion Ratio Lower Upper
117 100
201 85.4 42.7 128.1

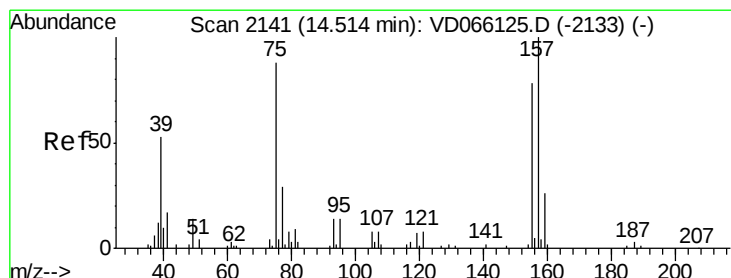
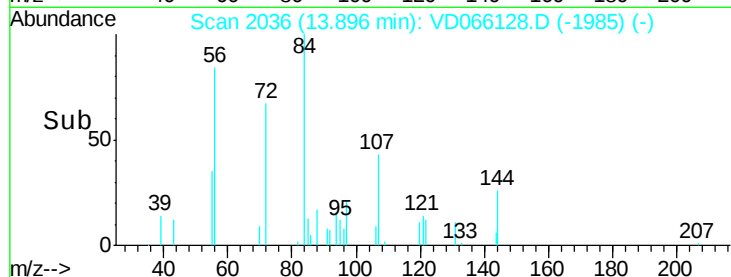
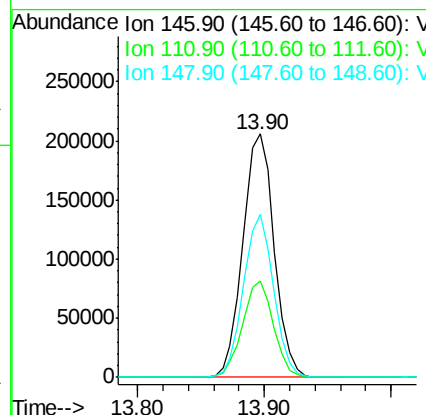
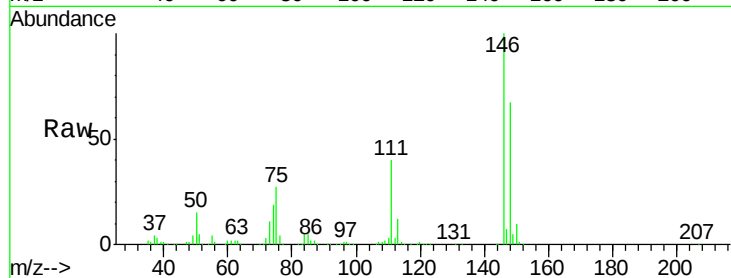




#91
 1,2-Dichlorobenzene
 Concen: 51.339 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

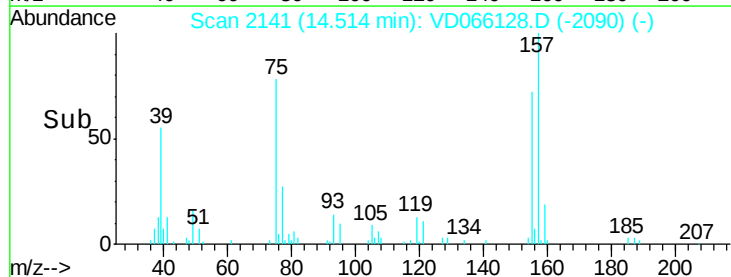
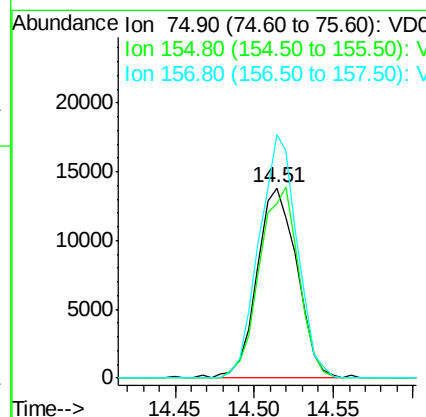
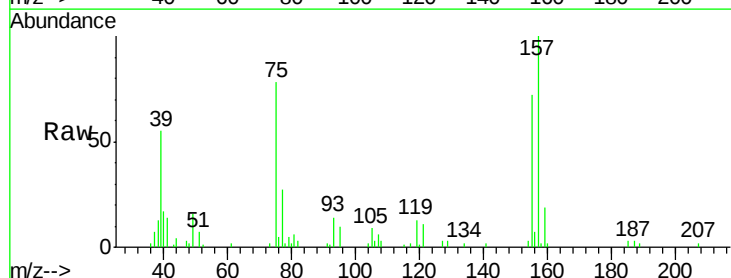
Instrument :
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 ClientSampleID :
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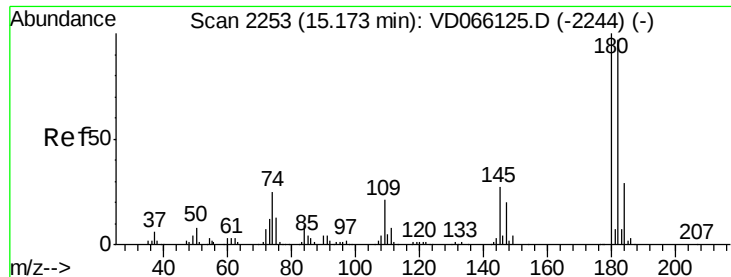
Tgt Ion:146 Resp: 351797
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.8 56.3
 148 64.4 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.684 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion: 75 Resp: 24258
 Ion Ratio Lower Upper
 75 100
 155 98.7 47.7 143.1
 157 122.0 62.1 186.2

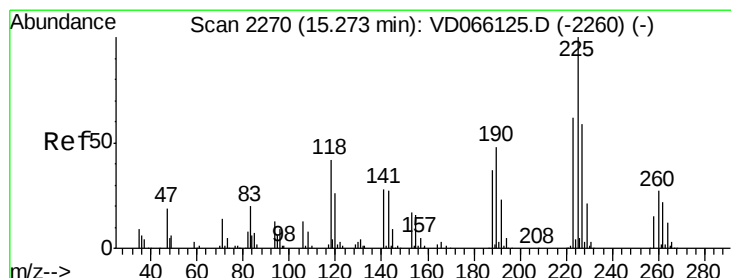
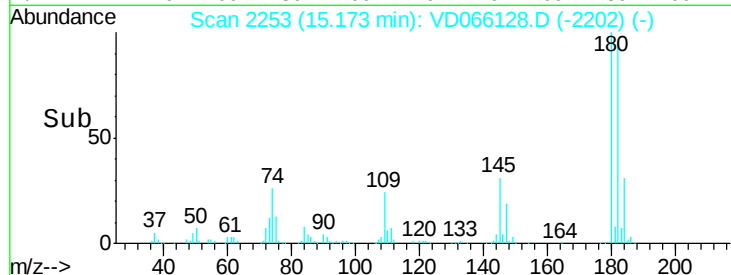
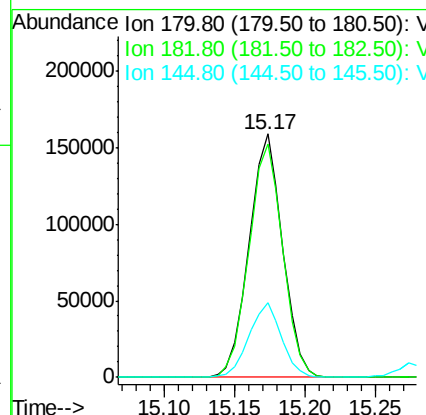
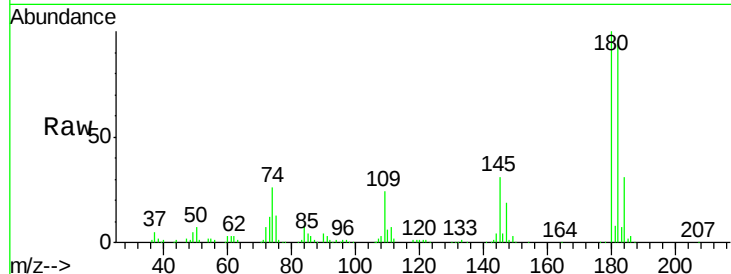




#93
 1,2,4-Trichlorobenzene
 Concen: 52.319 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

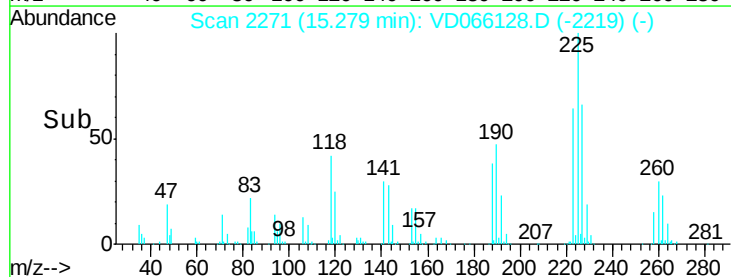
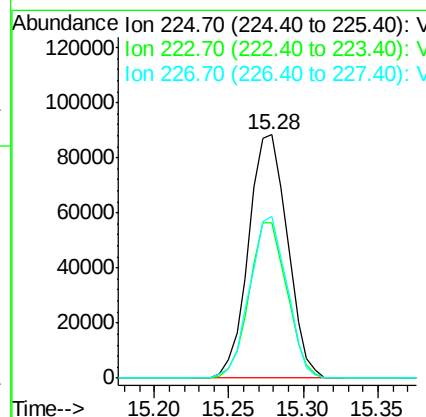
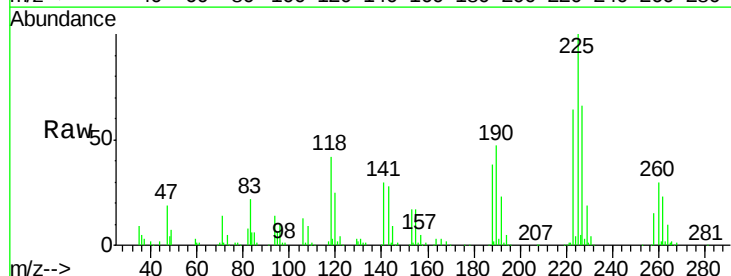
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

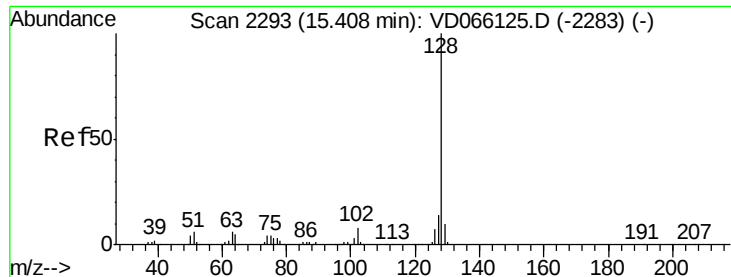
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.4	142.2
145	29.7	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 53.444 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	32.3	96.9
227	63.3	32.1	96.5

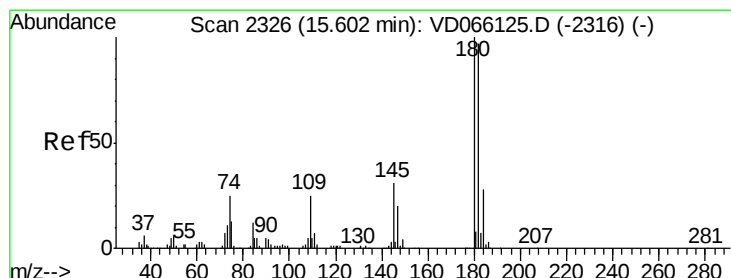
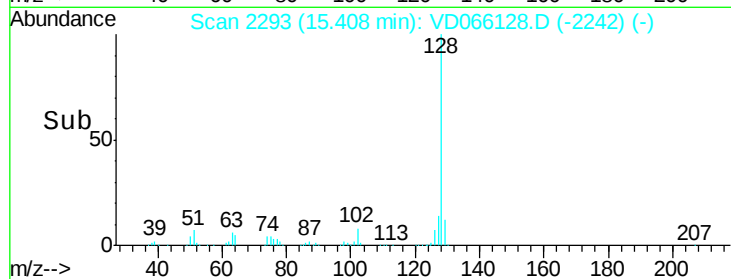
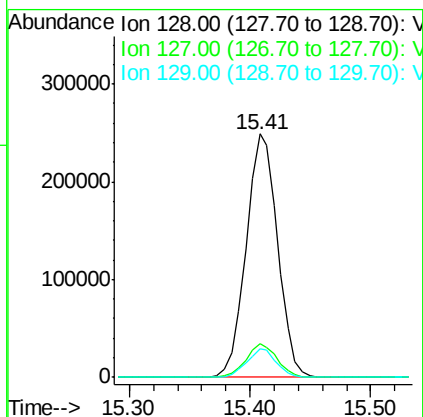
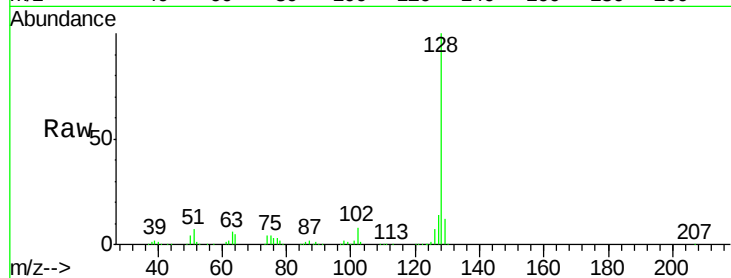




#95
Naphthalene
Concen: 54.952 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	11.0	16.4
129	11.0	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.543 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.1	141.4
145	32.1	14.9	44.9

