

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082120\
 Data File : VD066357.D
 Acq On : 21 Aug 2020 13:14
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 21 13:30:46 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	236684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	344146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	308411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	156130	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	348073	164.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	329.68%	
35) Dibromofluoromethane	7.91	113	319296	146.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.92%	
50) Toluene-d8	10.34	98	1172744	145.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.54%	
62) 4-Bromofluorobenzene	12.63	95	404707	139.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	262985	126.116	ug/l	98
3) Chloromethane	2.21	50	201096	123.972	ug/l	96
4) Vinyl Chloride	2.34	62	212746	148.141	ug/l	99
5) Bromomethane	2.74	94	161072	169.053	ug/l	94
6) Chloroethane	2.91	64	138865	157.526	ug/l	90
7) Trichlorofluoromethane	3.27	101	589349	157.411	ug/l	98
8) Diethyl Ether	3.71	74	138439	131.044	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.10	101	291427	131.157	ug/l	95
10) Methyl Iodide	4.30	142	385757	171.810	ug/l	93
11) Tert butyl alcohol	5.22	59	88006	613.362	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	278983	133.096	ug/l	99
13) Acrolein	3.92	56	74534	443.450	ug/l	99
14) Allyl chloride	4.71	41	391681	123.343	ug/l #	83
15) Acrylonitrile	5.42	53	272591	612.328	ug/l	99
16) Acetone	4.16	43	299687	747.989	ug/l	92
17) Carbon Disulfide	4.40	76	850331	127.588	ug/l	100
18) Methyl Acetate	4.71	43	112998	111.035	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	688558	143.318	ug/l	98
20) Methylene Chloride	4.96	84	307879	142.428	ug/l	97
21) trans-1,2-Dichloroethene	5.46	96	320525	133.112	ug/l	94
22) Diisopropyl ether	6.36	45	733214	116.760	ug/l	90
23) Vinyl Acetate	6.30	43	2262484	614.991	ug/l	99
24) 1,1-Dichloroethane	6.26	63	514206	132.314	ug/l	100
25) 2-Butanone	7.21	43	333908	566.626	ug/l	98
26) 2,2-Dichloropropane	7.21	77	536784	154.109	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	353289	139.881	ug/l	99
28) Bromochloromethane	7.54	49	183746	134.617	ug/l	87
29) Tetrahydrofuran	7.56	42	196375	537.860	ug/l	91
30) Chloroform	7.70	83	590830	144.786	ug/l	94
31) Cyclohexane	7.98	56	427304	115.507	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	595385	155.611	ug/l	99
36) 1,1-Dichloropropene	8.11	75	442227	136.746	ug/l	99
37) Ethyl Acetate	7.28	43	150104	117.148	ug/l	97
38) Carbon Tetrachloride	8.09	117	582554	161.536	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	527876	135.031	ug/l	99
40) Benzene	8.34	78	1163319	129.673	ug/l	96
41) Methacrylonitrile	7.56	41	215895	286.568	ug/l #	21
42) 1,2-Dichloroethane	8.42	62	420310	159.481	ug/l	95
43) Isopropyl Acetate	8.45	43	313189	124.055	ug/l	98
44) Trichloroethene	9.11	130	379190	140.268	ug/l	100
45) 1,2-Dichloropropane	9.38	63	267990	122.141	ug/l	96
46) Dibromomethane	9.47	93	167575	138.655	ug/l	98
47) Bromodichloromethane	9.66	83	466291	145.979	ug/l	94
48) Methyl methacrylate	9.45	41	154464	119.823	ug/l #	82
49) 1,4-Dioxane	9.46	88	35711	2299.911	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	718655	554.185	ug/l	99
52) Toluene	10.40	92	799092	135.366	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	443365	146.259	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	492532	138.677	ug/l	92
55) 1,1,2-Trichloroethane	10.80	97	215903	124.062	ug/l	99
56) Ethyl methacrylate	10.66	69	272708	130.445	ug/l	94
57) 1,3-Dichloropropane	10.94	76	369458	127.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	535070	568.996	ug/l	95
59) 2-Hexanone	10.98	43	512158	562.748	ug/l	97
60) Dibromochloromethane	11.14	129	330054	137.373	ug/l	99
61) 1,2-Dibromoethane	11.24	107	219724	131.284	ug/l	97
64) Tetrachloroethene	10.87	164	333737	140.921	ug/l	97
65) Chlorobenzene	11.67	112	860723	137.477	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	350198	142.956	ug/l	96
67) Ethyl Benzene	11.74	91	1553795	143.214	ug/l	99
68) m/p-Xylenes	11.86	106	1174012	279.292	ug/l	93
69) o-Xylene	12.18	106	548867	143.539	ug/l	96
70) Styrene	12.20	104	947600	141.404	ug/l	96
71) Bromoform	12.36	173	200428	138.094	ug/l	99
73) Isopropylbenzene	12.48	105	1540582	147.820	ug/l	100
74) N-amyl acetate	12.29	43	278421	121.316	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	210749	118.589	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	307065	235.839	ug/l #	100
77) Bromobenzene	12.76	156	384142	143.184	ug/l	95
78) n-propylbenzene	12.82	91	1742005	143.791	ug/l	100
79) 2-Chlorotoluene	12.91	91	998100	144.048	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	1322172	151.694	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	77521	131.615	ug/l	86
82) 4-Chlorotoluene	13.01	91	1048932	143.405	ug/l	100
83) tert-Butylbenzene	13.23	119	1136640	148.285	ug/l	94
84) 1,2,4-Trimethylbenzene	13.27	105	1302937	149.372	ug/l	98
85) sec-Butylbenzene	13.40	105	1513011	146.198	ug/l	99
86) p-Isopropyltoluene	13.52	119	1436666	148.011	ug/l	97
87) 1,3-Dichlorobenzene	13.52	146	700595	138.944	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	708922	140.978	ug/l	99
89) n-Butylbenzene	13.85	91	1288657	148.180	ug/l	99
90) Hexachloroethane	14.11	117	286034	147.755	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	619137	138.842	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	43006	140.803	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

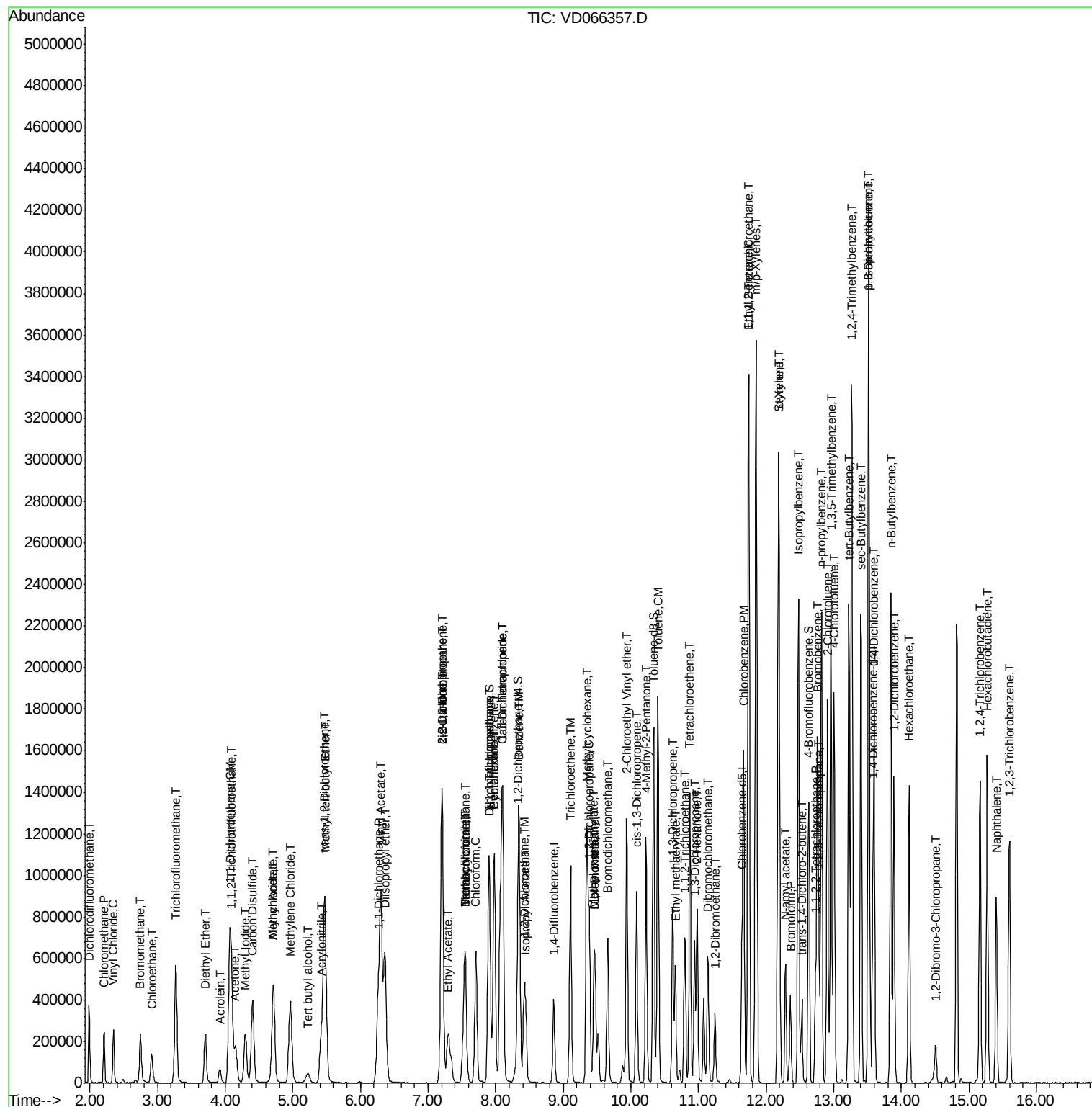
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	498029	151.551	ug/l	99
94) Hexachlorobutadiene	15.27	225	309247	159.807	ug/l	98
95) Naphthalene	15.41	128	810546	151.374	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	425733	146.755	ug/l	99

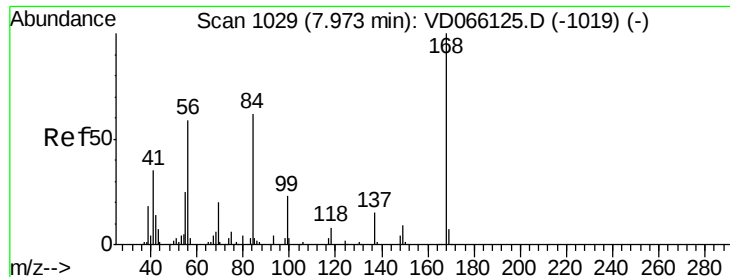
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082120\
Data File : VD066357.D
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Sample : VSTDIC150
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

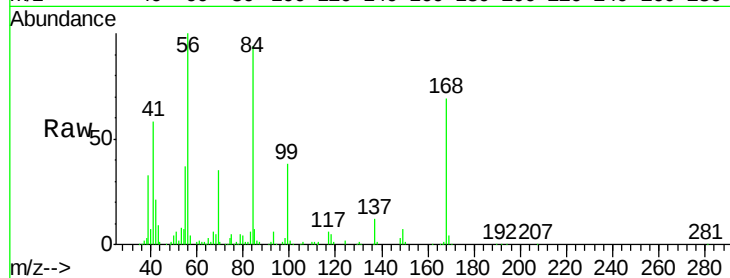
VSTDIC150

Tgt Ion:168 Resp: 236684

Ion Ratio Lower Upper

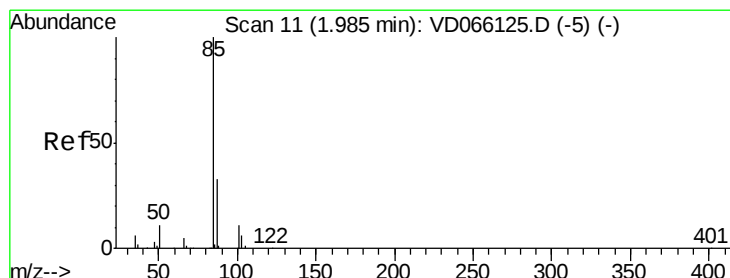
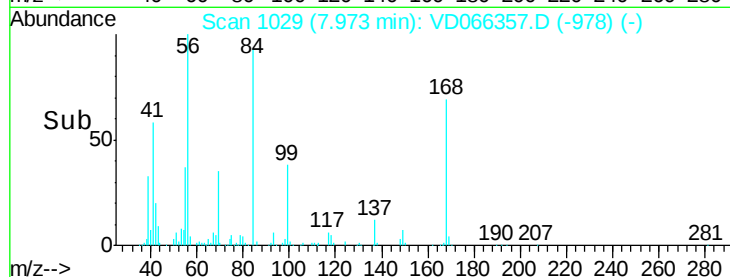
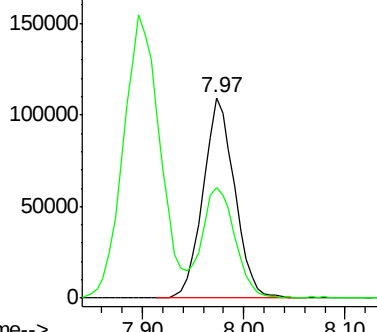
168 100

99 54.8 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 126.116 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066357.D

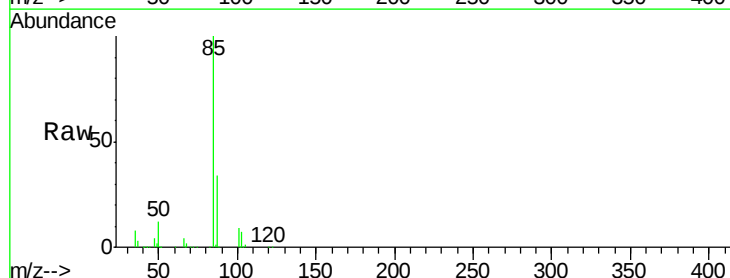
Acq: 21 Aug 2020 13:14

Tgt Ion: 85 Resp: 262985

Ion Ratio Lower Upper

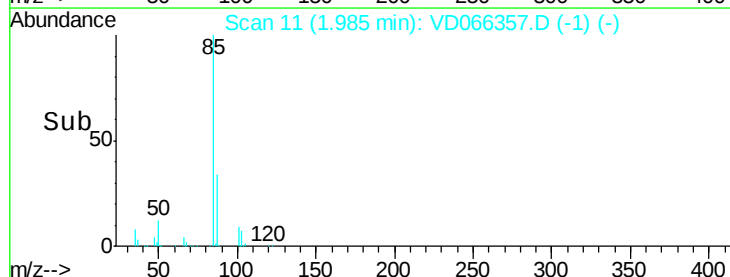
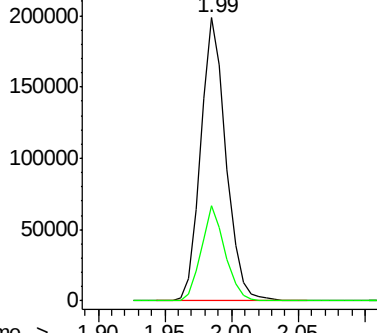
85 100

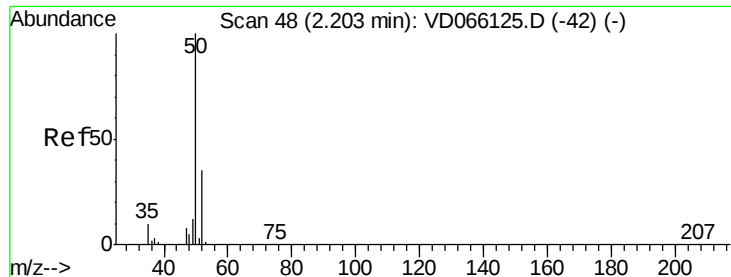
87 33.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 123.972 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

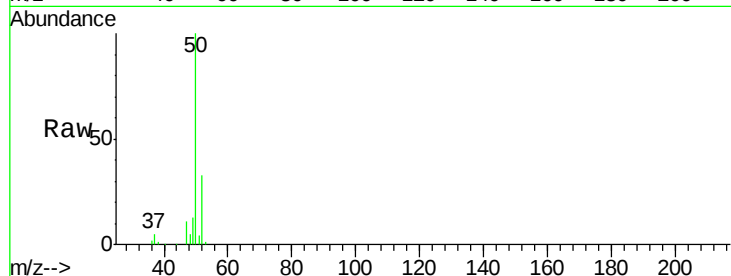
VSTDIC150

Tgt Ion: 50 Resp: 201096

Ion Ratio Lower Upper

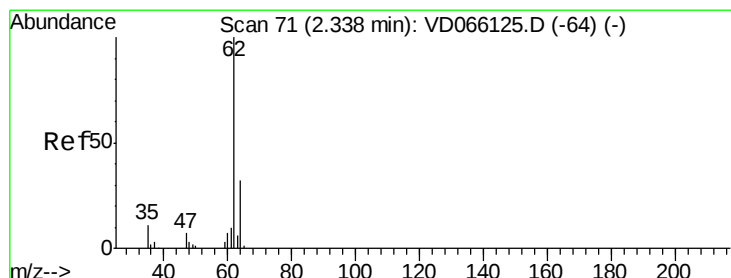
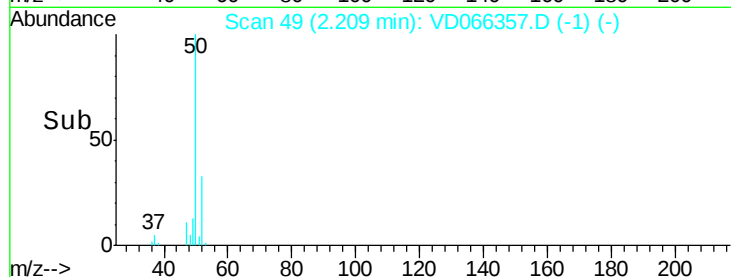
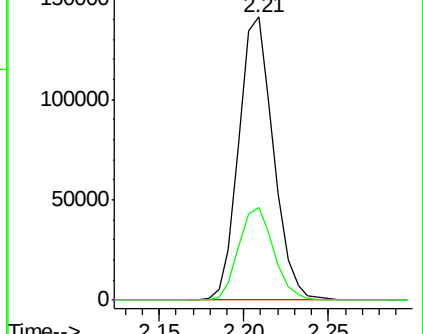
50 100

52 32.7 27.9 41.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 148.141 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066357.D

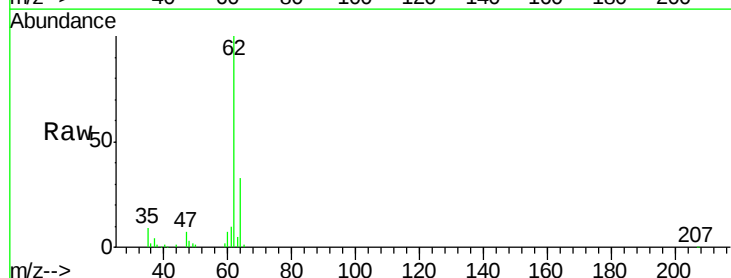
Acq: 21 Aug 2020 13:14

Tgt Ion: 62 Resp: 212746

Ion Ratio Lower Upper

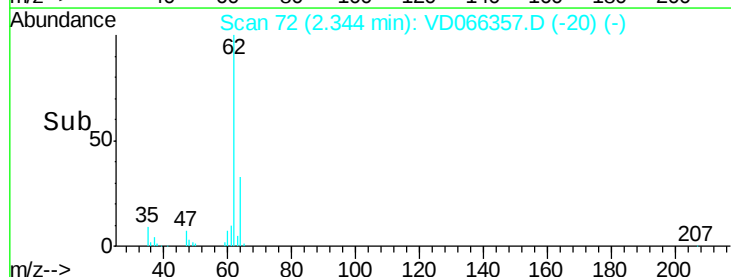
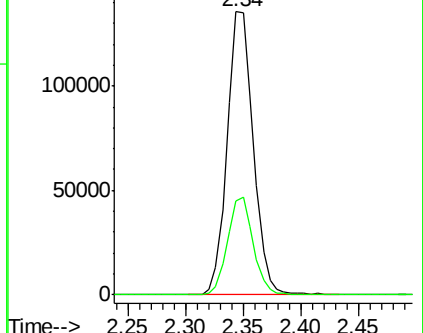
62 100

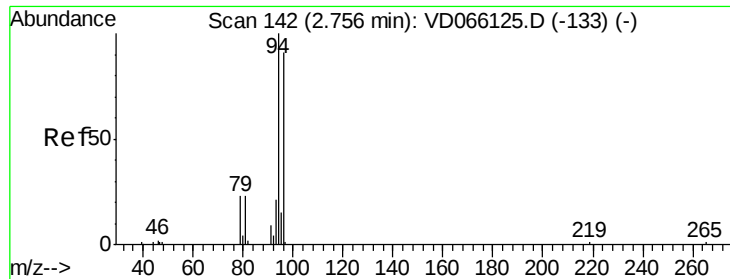
64 33.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 169.053 ug/l

RT: 2.74 min Scan# 140

Delta R.T. -0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

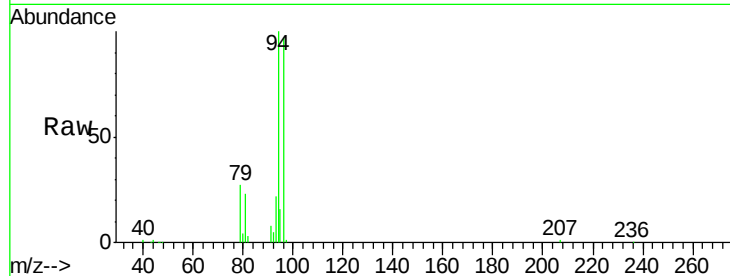
VSTDIC150

Tgt Ion: 94 Resp: 161072

Ion Ratio Lower Upper

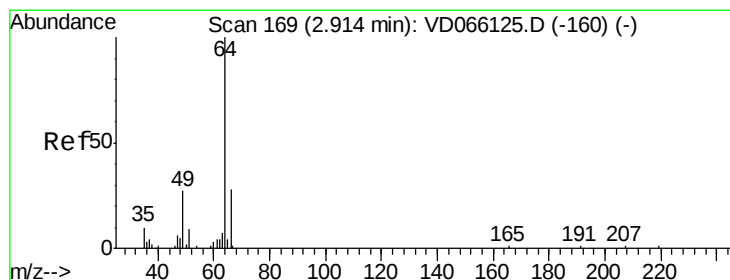
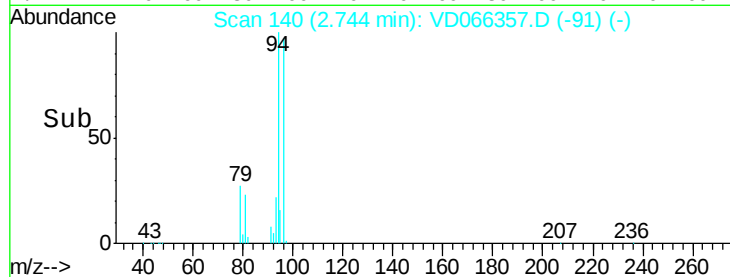
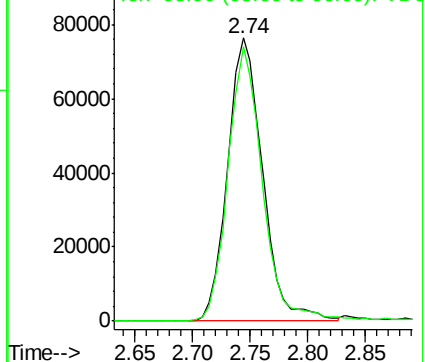
94 100

96 96.7 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: 157.526 ug/l

RT: 2.91 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD066357.D

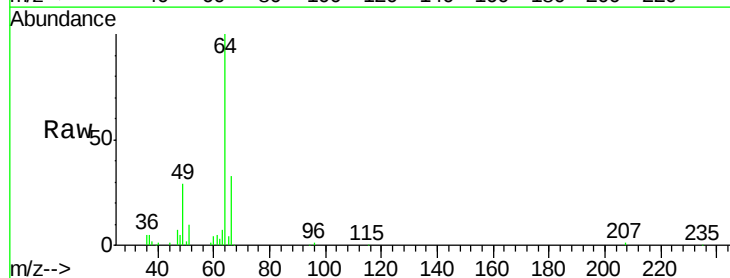
Acq: 21 Aug 2020 13:14

Tgt Ion: 64 Resp: 138865

Ion Ratio Lower Upper

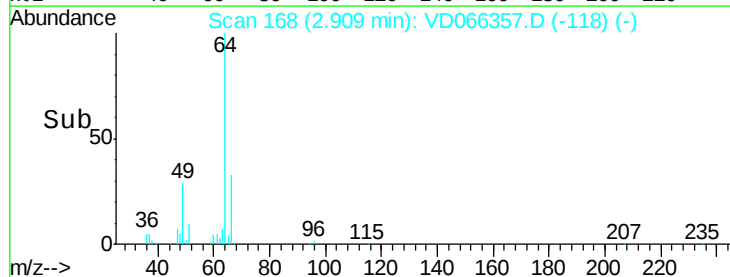
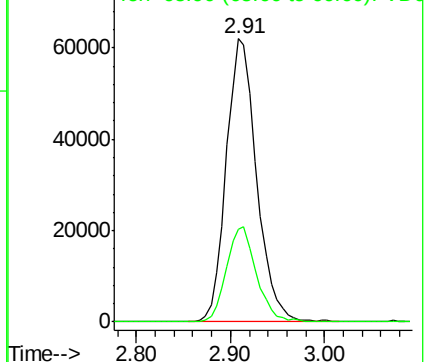
64 100

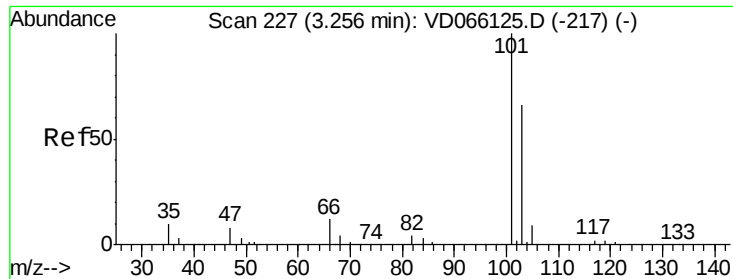
66 32.8 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



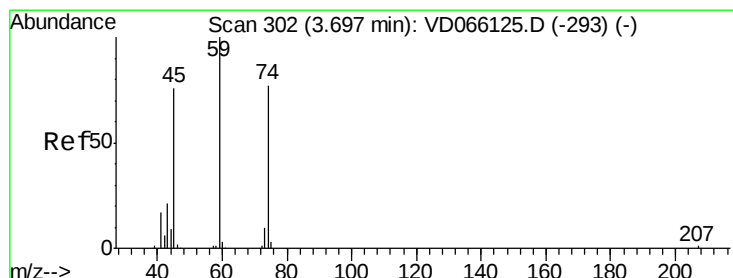
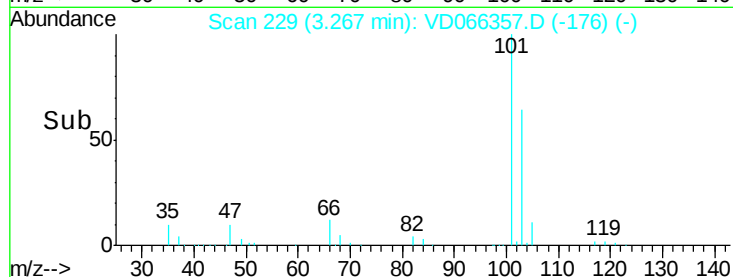
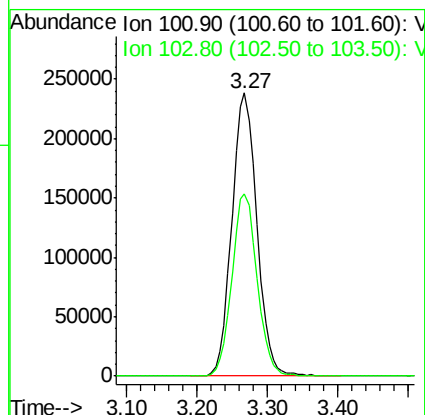
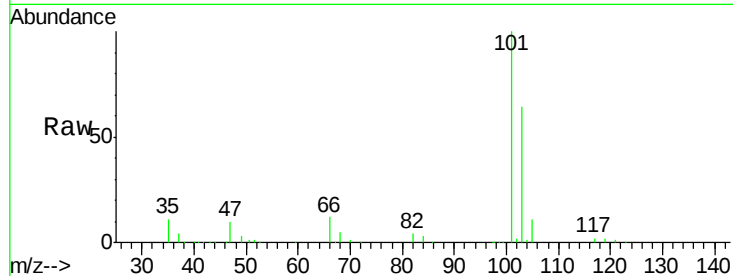


#7

Trichlorofluoromethane
Concen: 157.411 ug/l
RT: 3.27 min Scan# 229
Delta R.T. 0.01 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Instrument :
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VSTDIC150

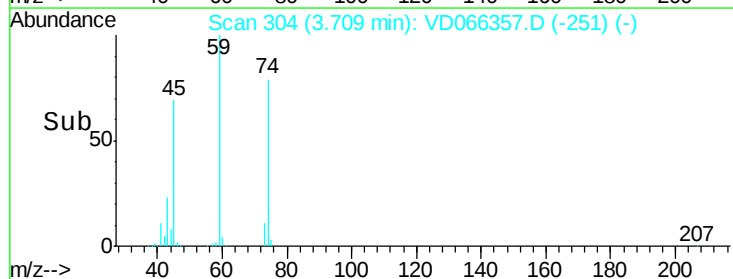
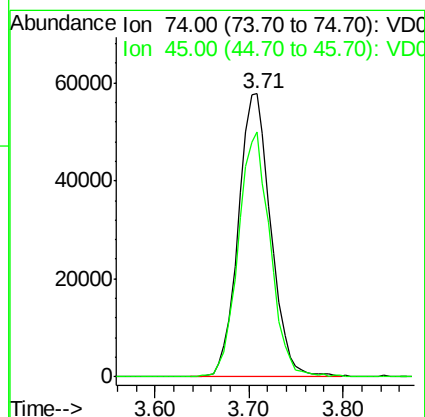
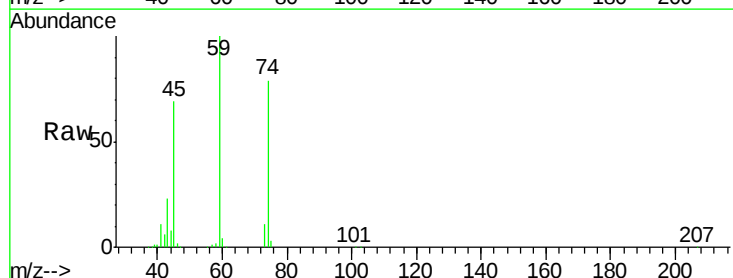
Tgt Ion:101 Resp: 589349
Ion Ratio Lower Upper
101 100
103 64.4 53.0 79.6

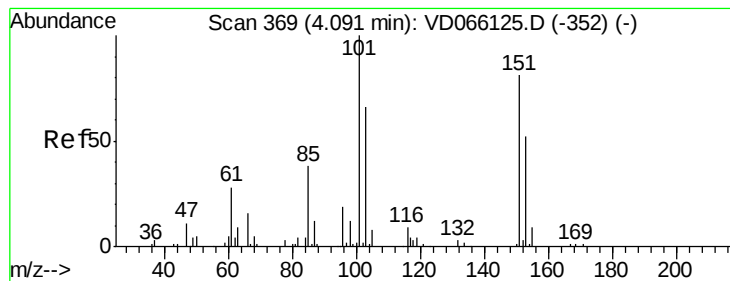


#8

Diethyl Ether
Concen: 131.044 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion: 74 Resp: 138439
Ion Ratio Lower Upper
74 100
45 84.6 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 131.157 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

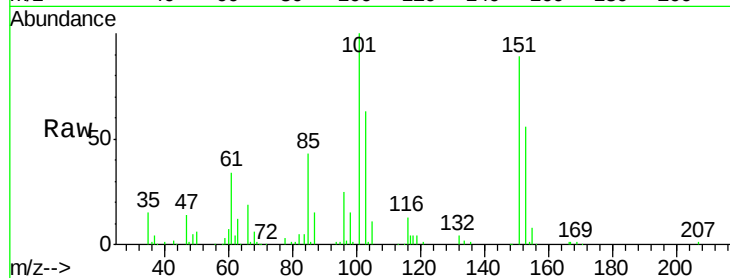
Tgt Ion:101 Resp: 291427

Ion Ratio Lower Upper

101 100

85 46.1 33.5 50.3

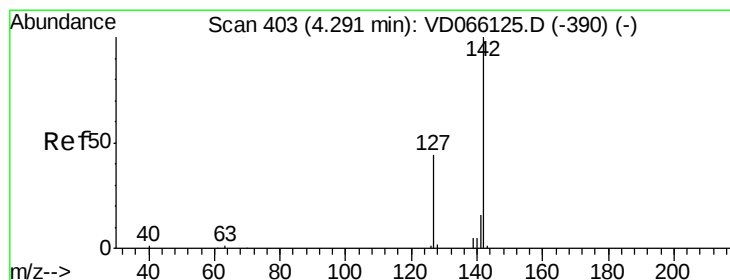
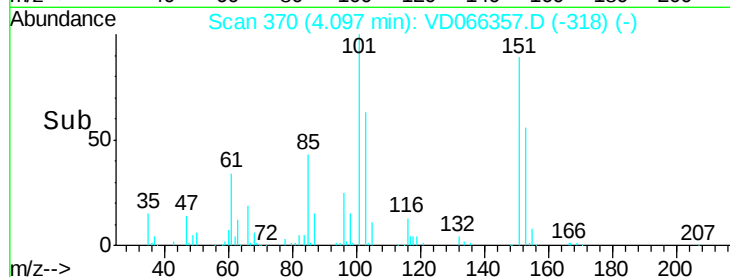
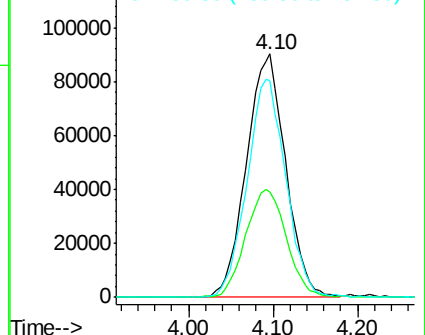
151 88.9 67.8 101.8



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: 171.810 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

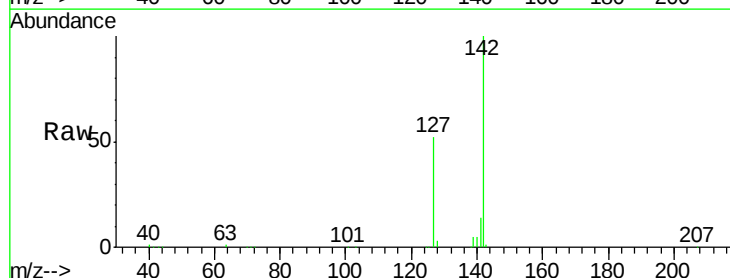
Tgt Ion:142 Resp: 385757

Ion Ratio Lower Upper

142 100

127 50.9 36.2 54.4

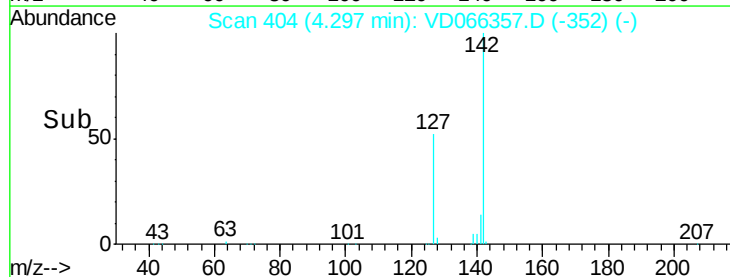
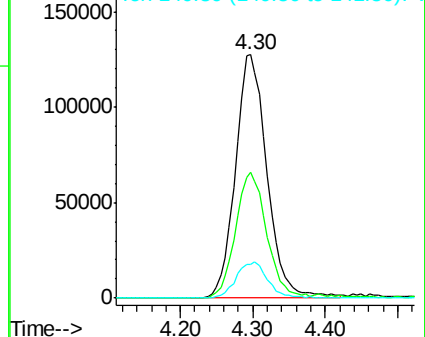
141 14.7 12.6 18.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 613.362 ug/l

RT: 5.22 min Scan# 561

Delta R.T. -0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

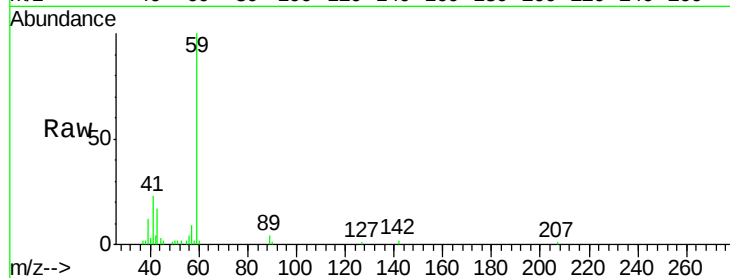
VSTDIC150

Tgt Ion: 59 Resp: 88006

Ion Ratio Lower Upper

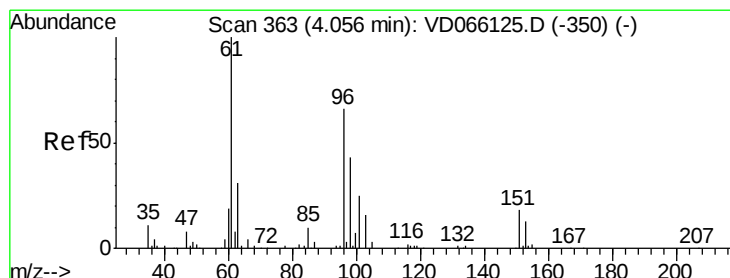
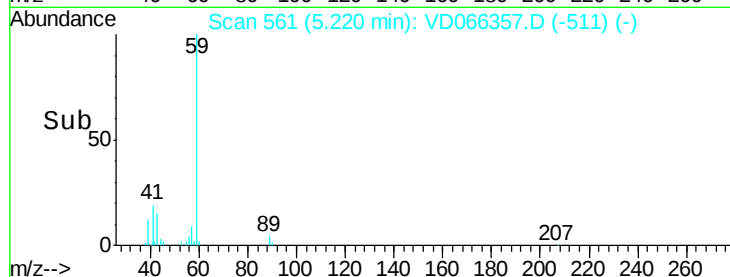
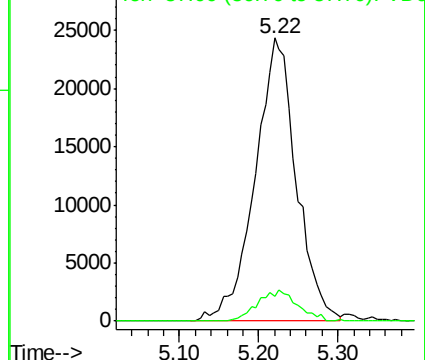
59 100

57 10.5 7.0 10.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 133.096 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

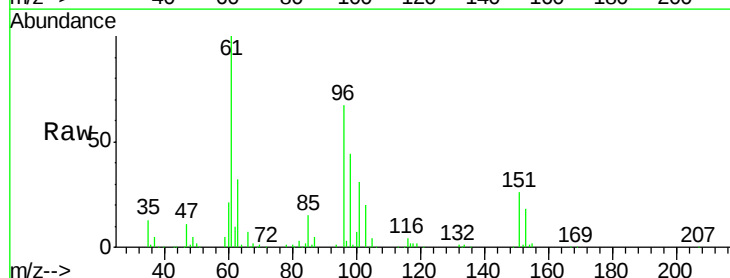
Tgt Ion: 96 Resp: 278983

Ion Ratio Lower Upper

96 100

61 150.1 121.6 182.4

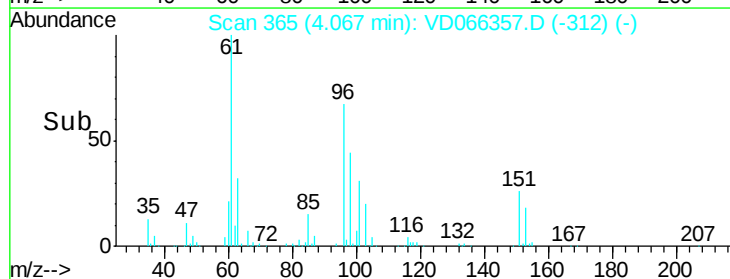
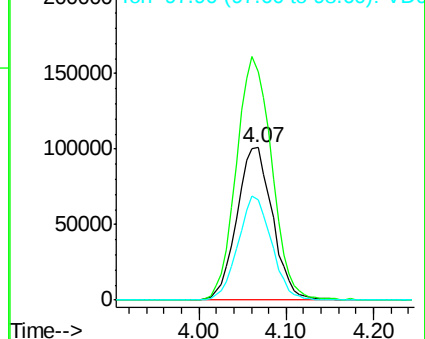
98 65.6 52.0 78.0

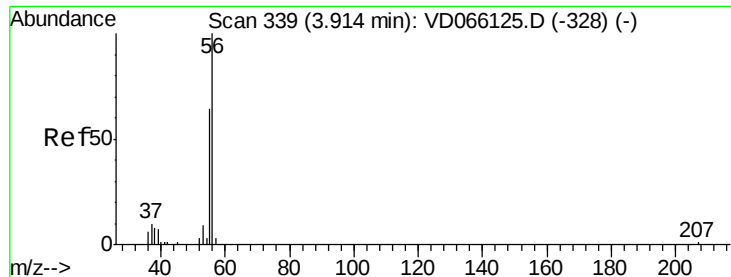


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 443.450 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

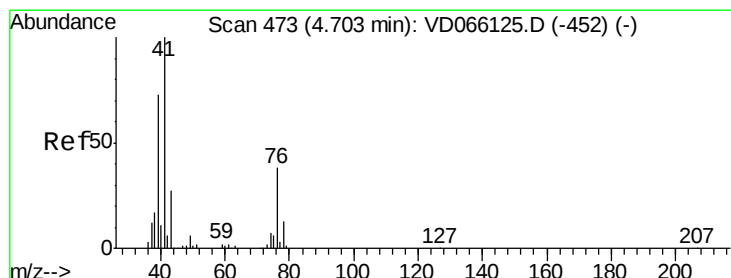
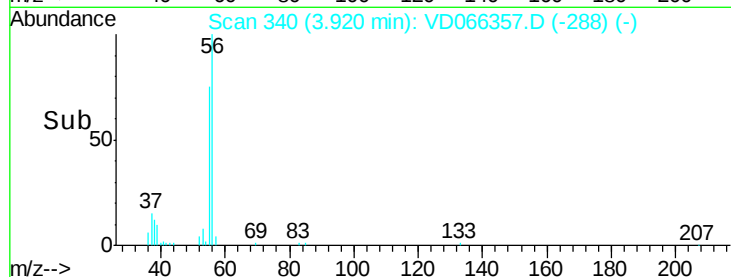
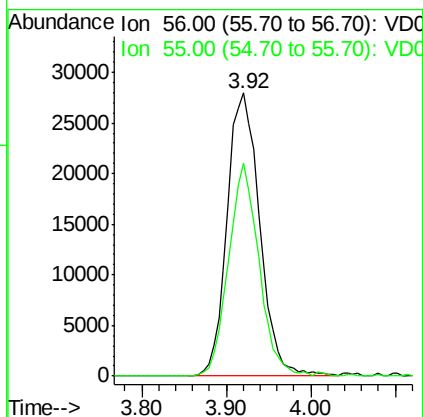
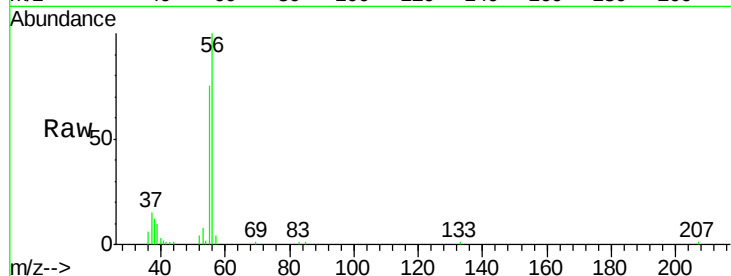
VSTDIC150

Tgt Ion: 56 Resp: 74534

Ion Ratio Lower Upper

56 100

55 70.2 56.7 85.1



#14

Allyl chloride

Concen: 123.343 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

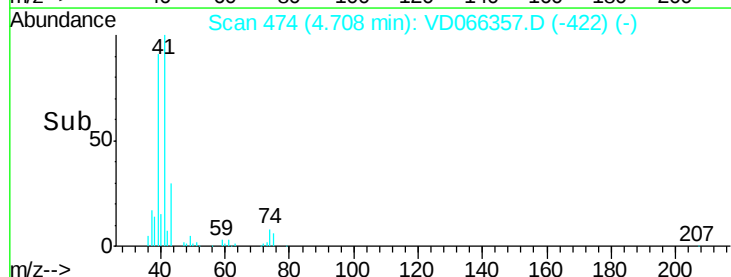
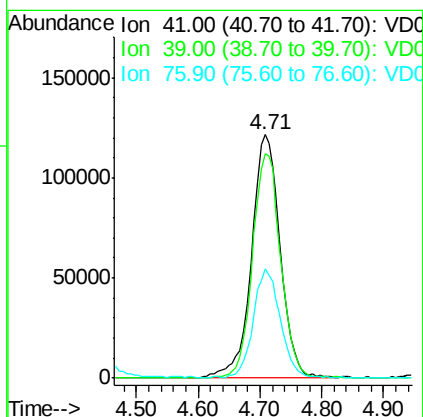
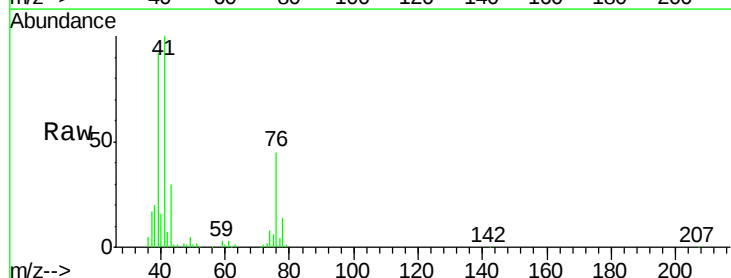
Tgt Ion: 41 Resp: 391681

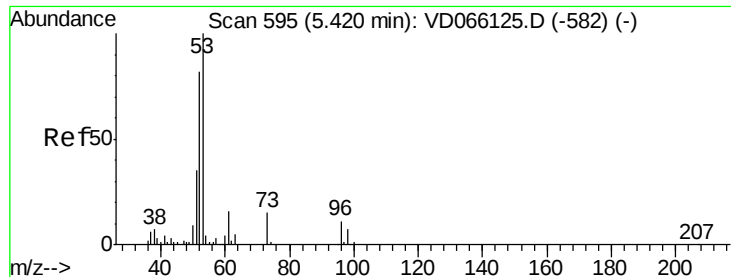
Ion Ratio Lower Upper

41 100

39 90.5 57.4 86.0#

76 41.7 30.1 45.1





#15

Acrylonitrile

Concen: 612.328 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

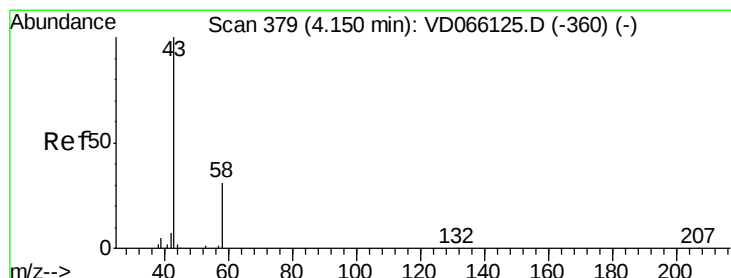
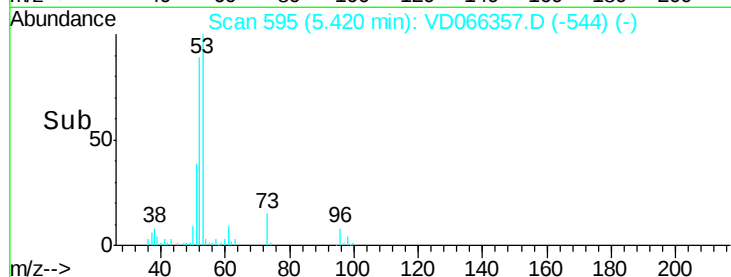
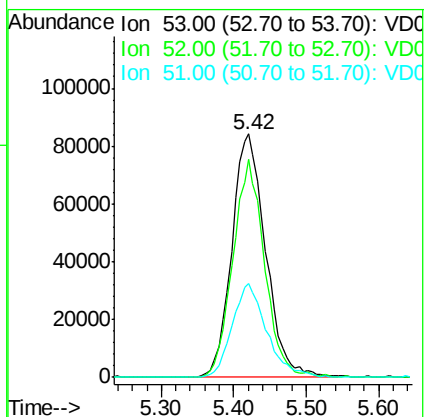
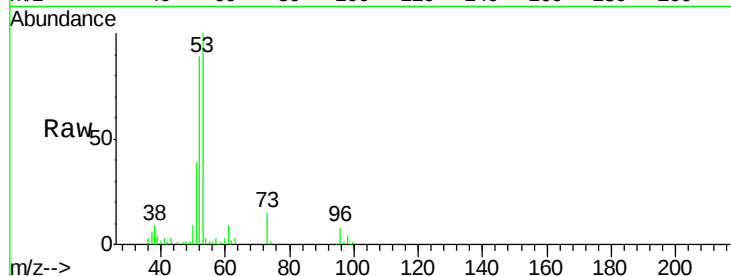
Tgt Ion: 53 Resp: 272591

Ion Ratio Lower Upper

53 100

52 83.8 66.1 99.1

51 39.5 30.8 46.2



#16

Acetone

Concen: 747.989 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066357.D

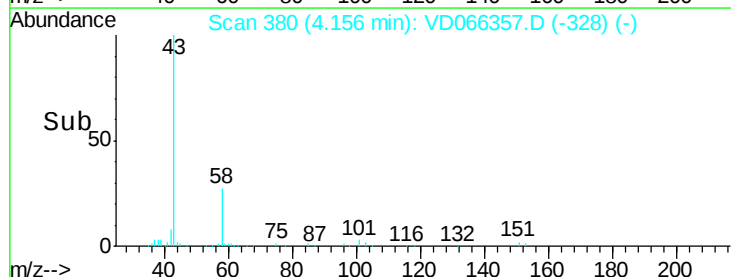
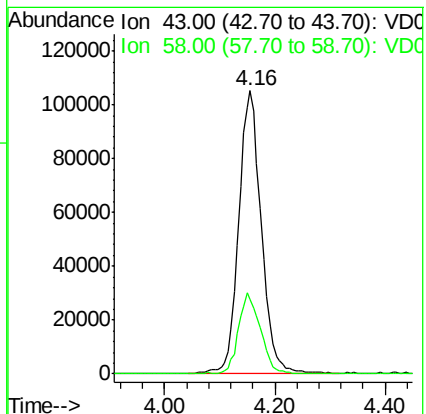
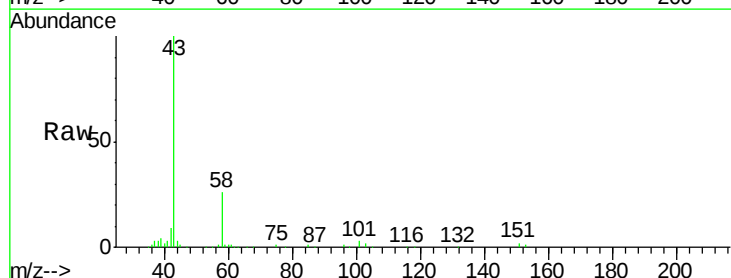
Acq: 21 Aug 2020 13:14

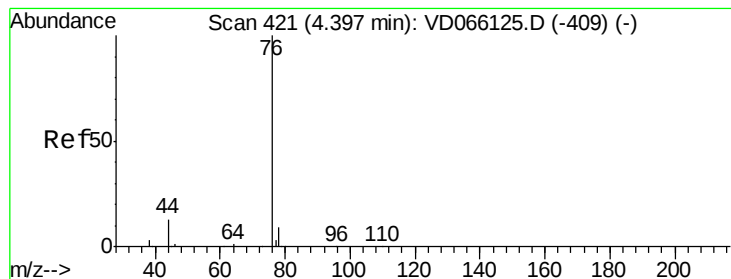
Tgt Ion: 43 Resp: 299687

Ion Ratio Lower Upper

43 100

58 26.5 24.7 37.1





#17

Carbon Disulfide

Concen: 127.588 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

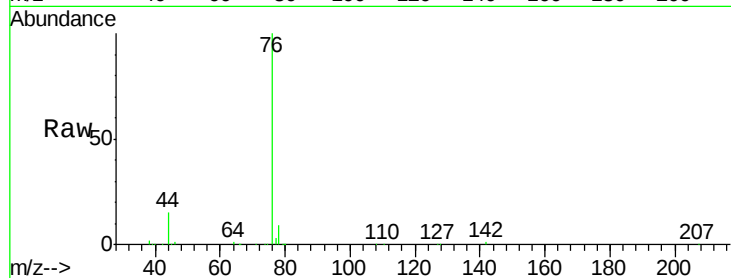
VSTDIC150

Tgt Ion: 76 Resp: 850331

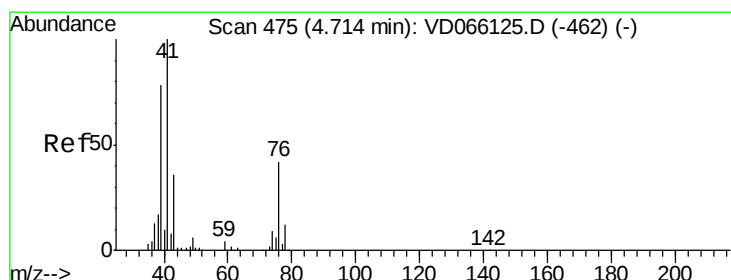
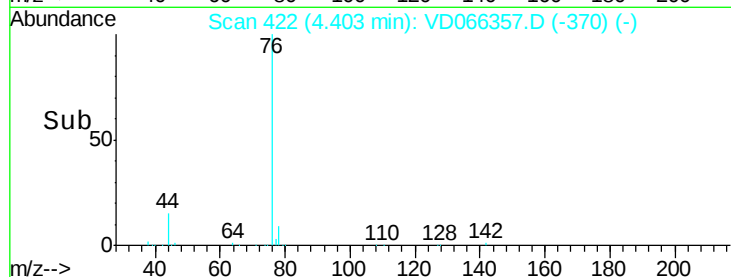
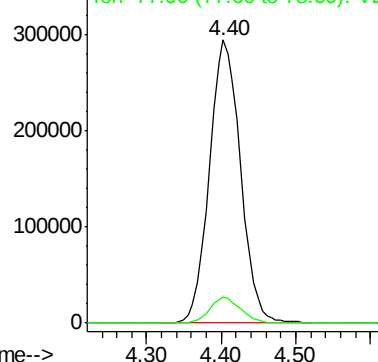
Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 111.035 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066357.D

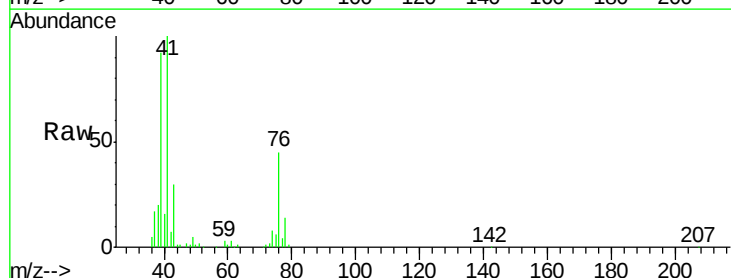
Acq: 21 Aug 2020 13:14

Tgt Ion: 43 Resp: 112998

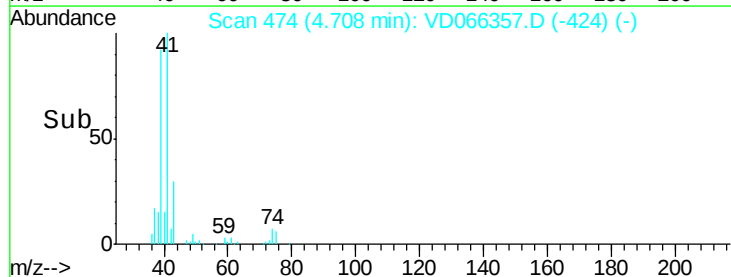
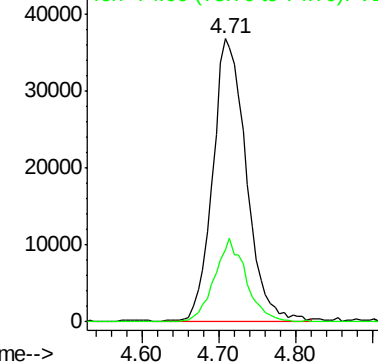
Ion Ratio Lower Upper

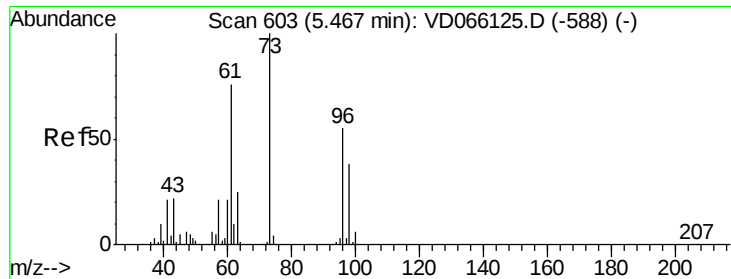
43 100

74 27.7 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC



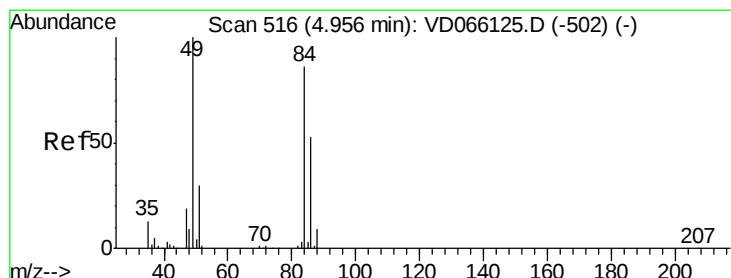
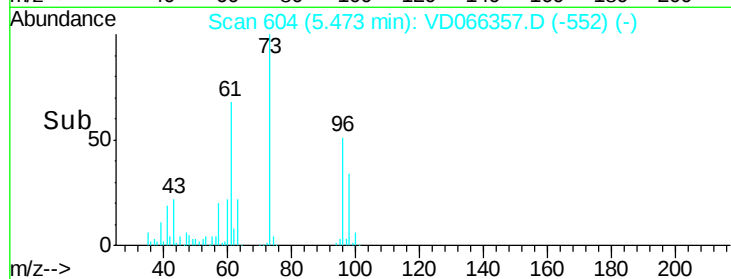
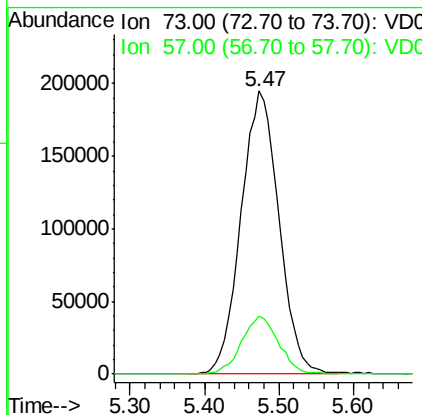
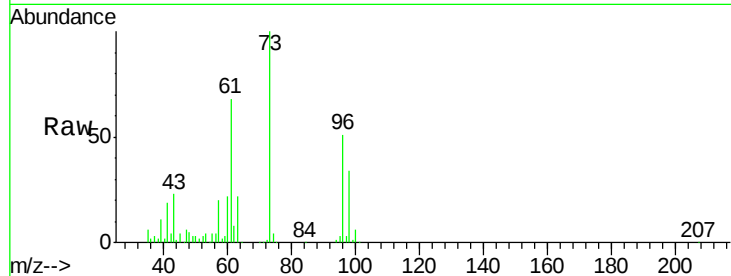


#19

Methyl tert-butyl Ether
 Concen: 143.318 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

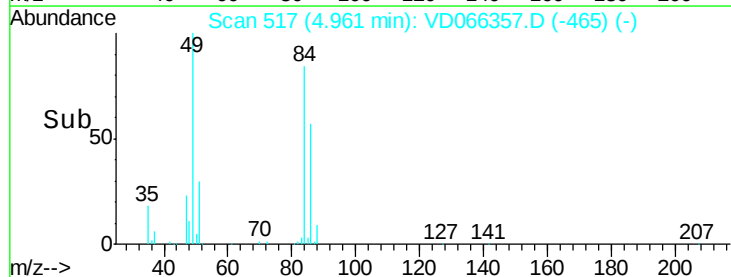
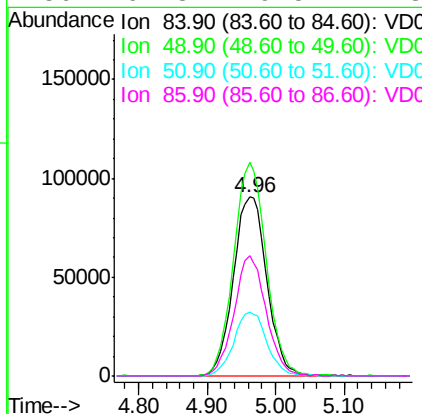
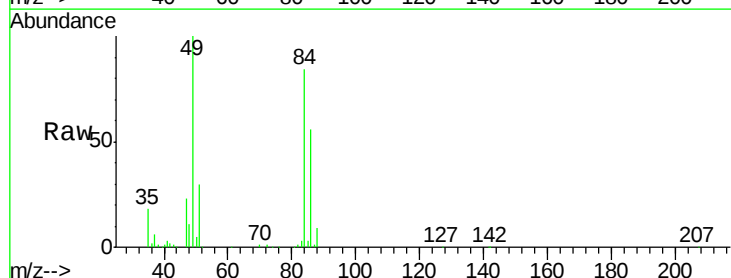
Tgt Ion: 73 Resp: 688558
 Ion Ratio Lower Upper
 73 100
 57 20.4 17.1 25.7

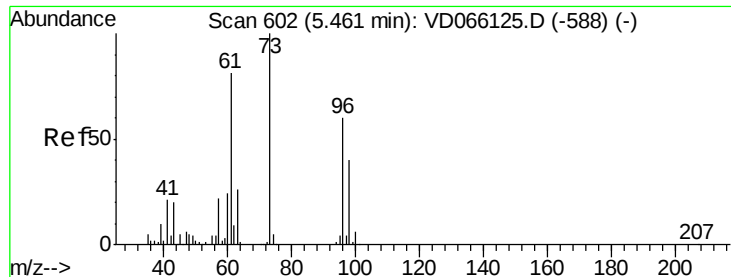


#20

Methylene Chloride
 Concen: 142.428 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion: 84 Resp: 307879
 Ion Ratio Lower Upper
 84 100
 49 119.3 93.5 140.3
 51 35.5 28.2 42.4
 86 67.3 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 133.112 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

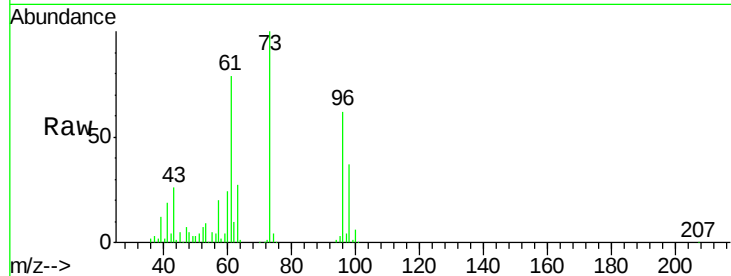
Tgt Ion: 96 Resp: 320525

Ion Ratio Lower Upper

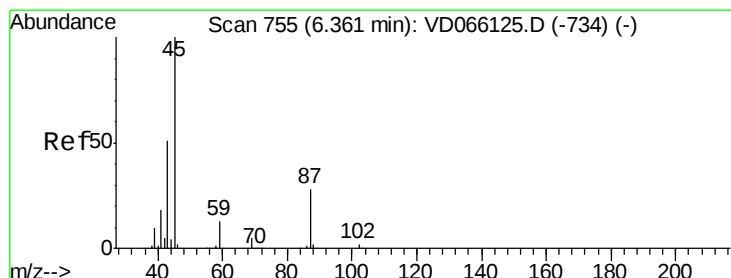
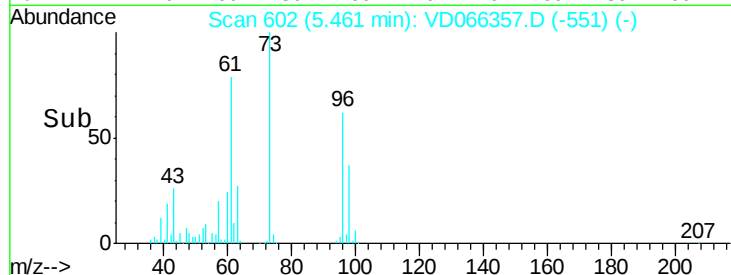
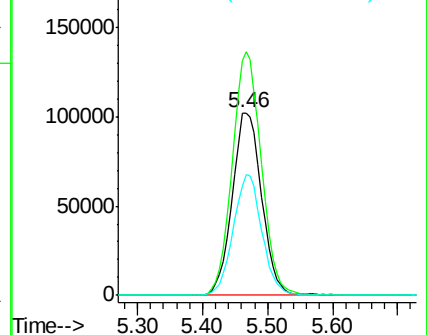
96 100

61 128.3 106.9 160.3

98 60.0 53.4 80.0



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



#22

Diisopropyl ether

Concen: 116.760 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Tgt Ion: 45 Resp: 733214

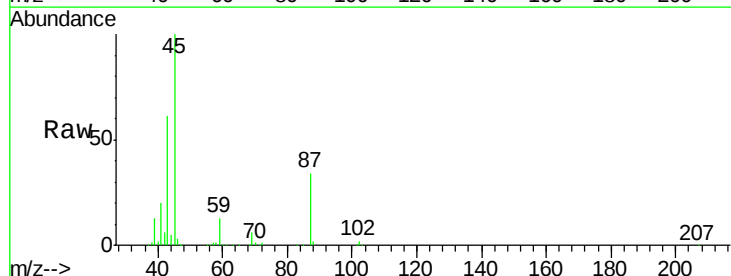
Ion Ratio Lower Upper

45 100

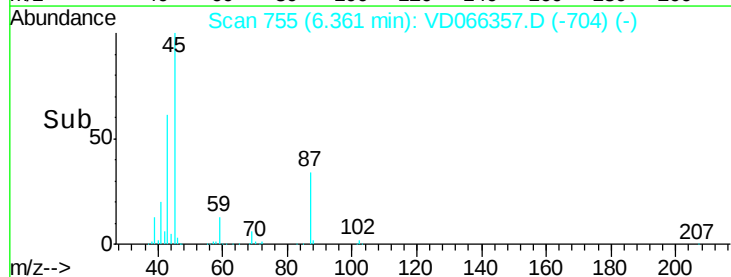
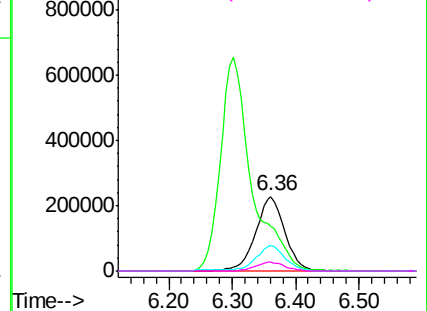
43 60.1 41.2 61.8

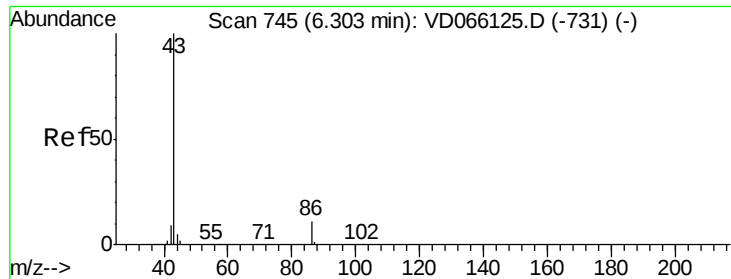
87 33.7 22.8 34.2

59 12.6 10.2 15.2



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 614.991 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

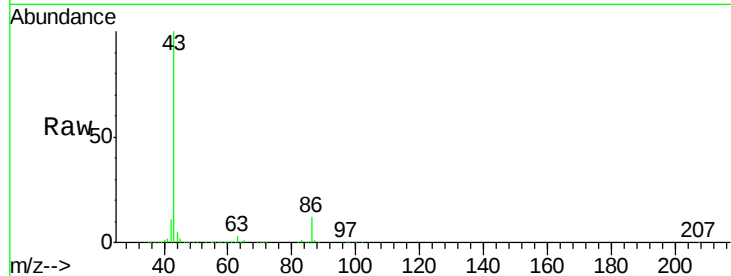
VSTDIC150

Tgt Ion: 43 Resp: 2262484

Ion Ratio Lower Upper

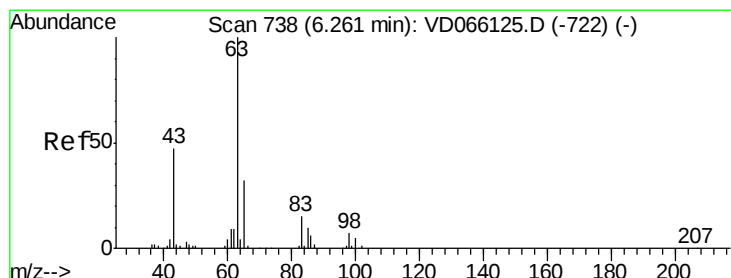
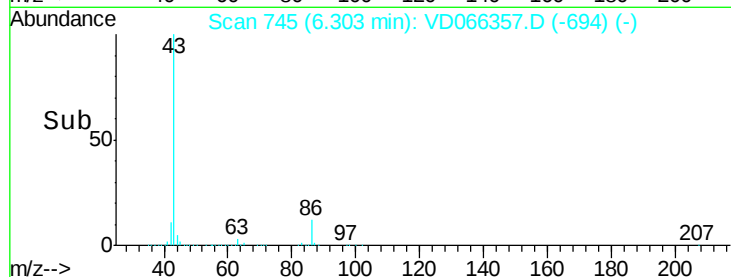
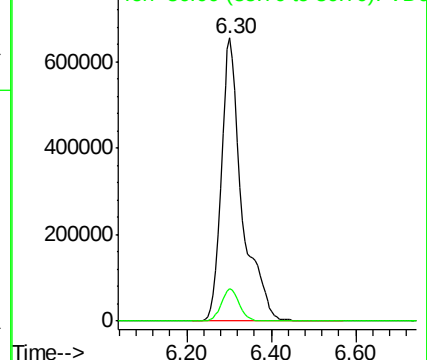
43 100

86 11.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 132.314 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

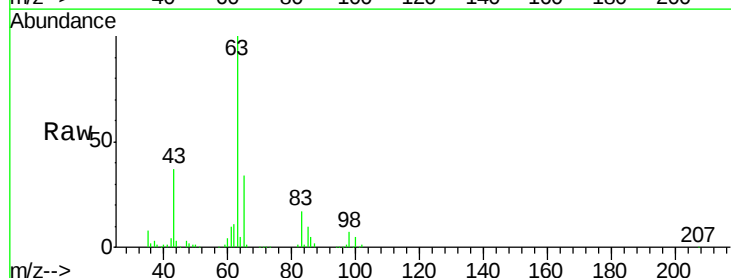
Tgt Ion: 63 Resp: 514206

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

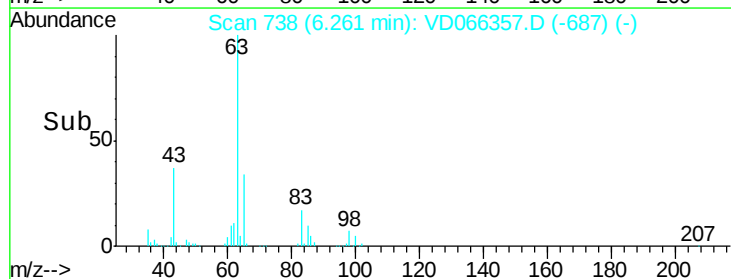
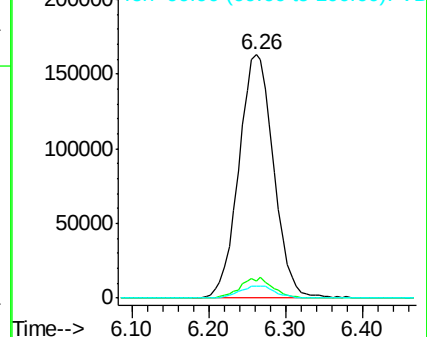
100 4.7 2.4 7.2

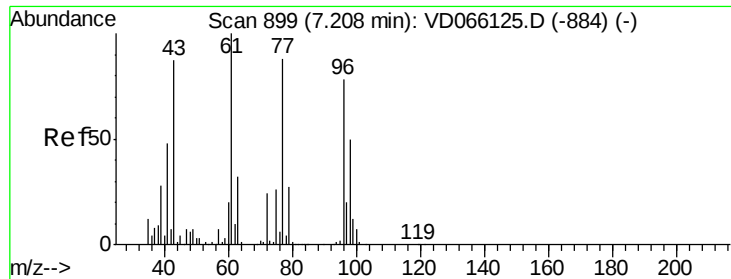


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 566.626 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

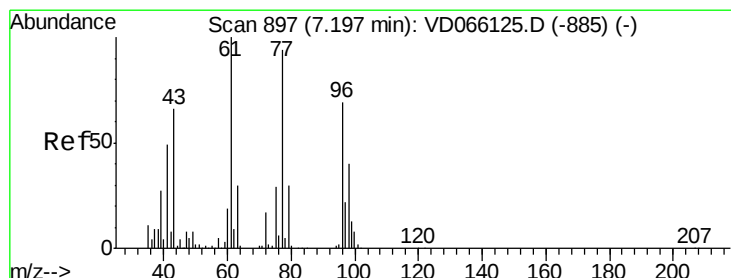
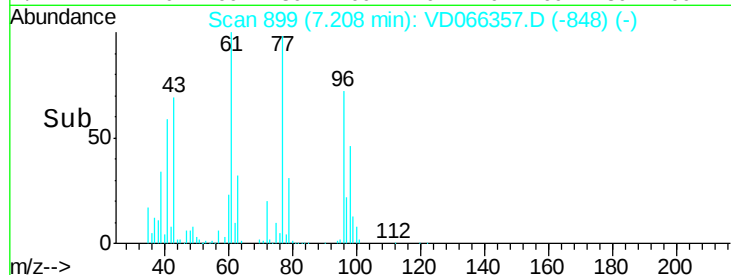
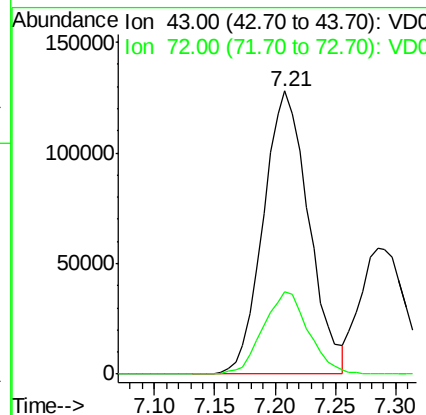
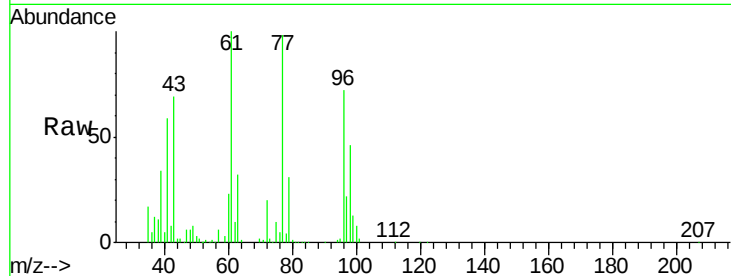
VSTDIC150

Tgt Ion: 43 Resp: 333908

Ion Ratio Lower Upper

43 100

72 29.0 22.2 33.2



#26

2,2-Dichloropropane

Concen: 154.109 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066357.D

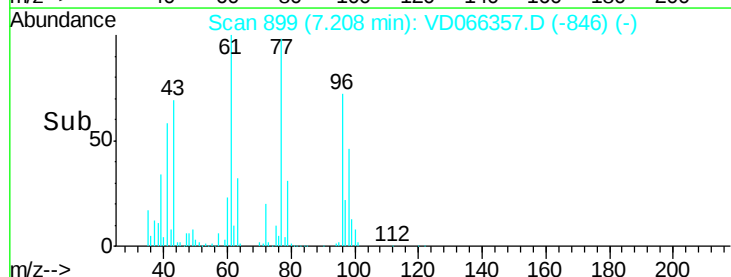
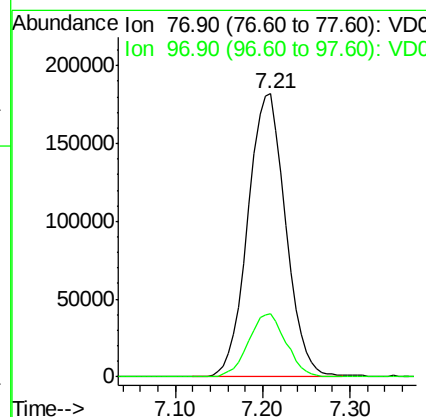
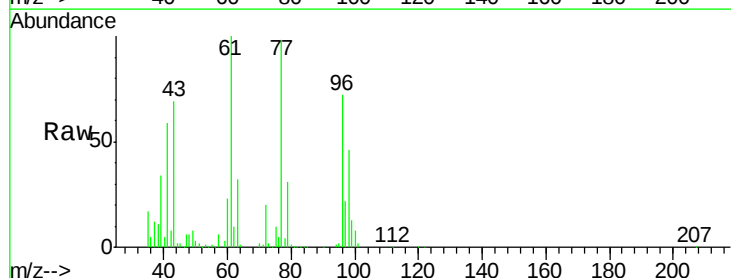
Acq: 21 Aug 2020 13:14

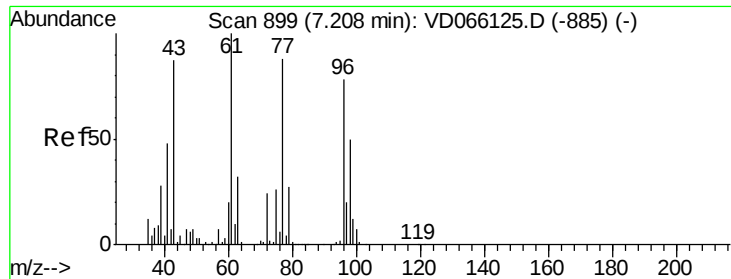
Tgt Ion: 77 Resp: 536784

Ion Ratio Lower Upper

77 100

97 22.2 11.8 35.3



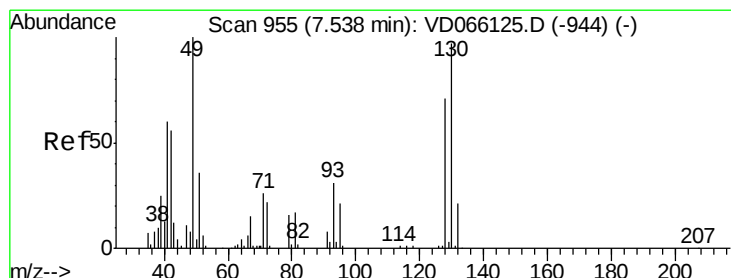
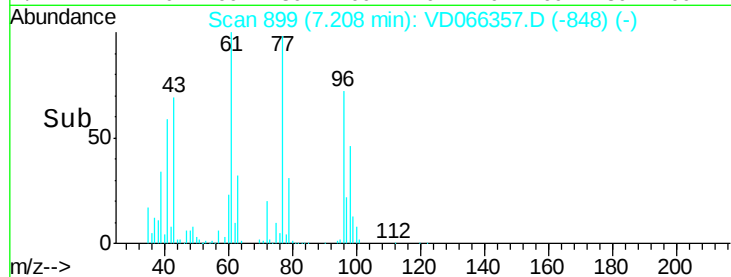
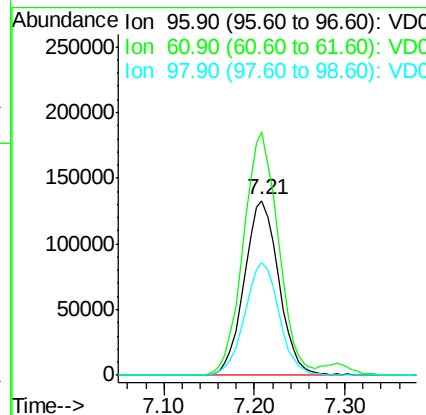
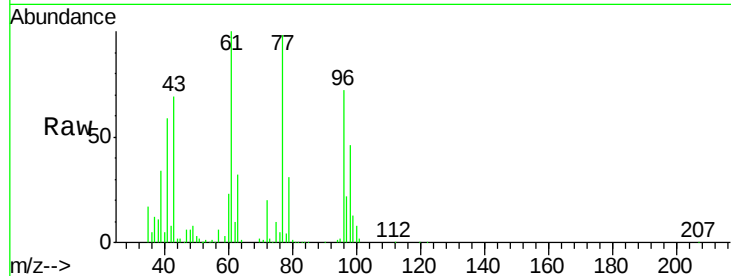


#27

cis-1,2-Dichloroethene
 Concen: 139.881 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

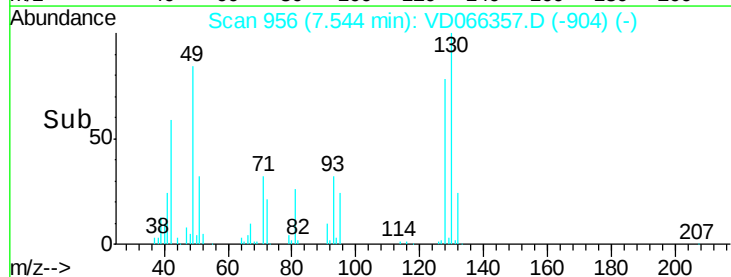
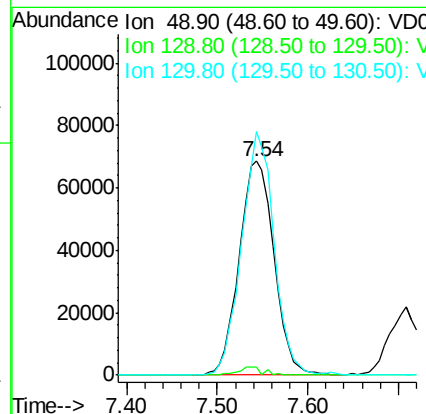
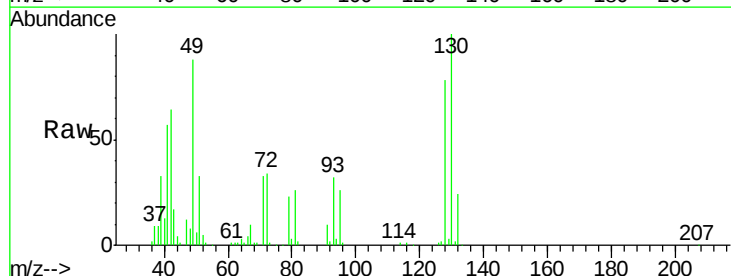
Tgt Ion	Resp	Lower	Upper
96	353289		
61	141.1	0.0	281.6
98	64.0	0.0	130.8

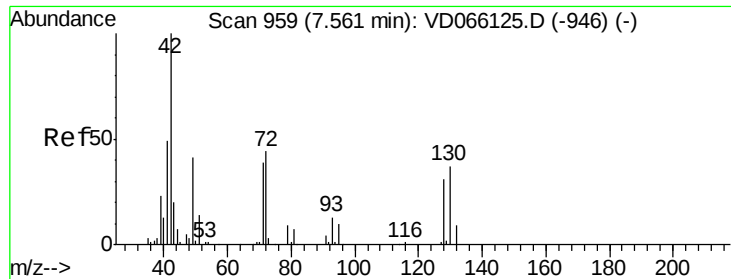


#28

Bromochloromethane
 Concen: 134.617 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion	Resp	Lower	Upper
49	183746		
129	2.6	0.0	6.0
130	105.1	73.8	110.6

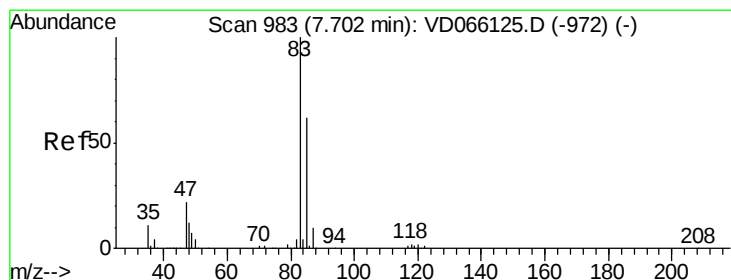
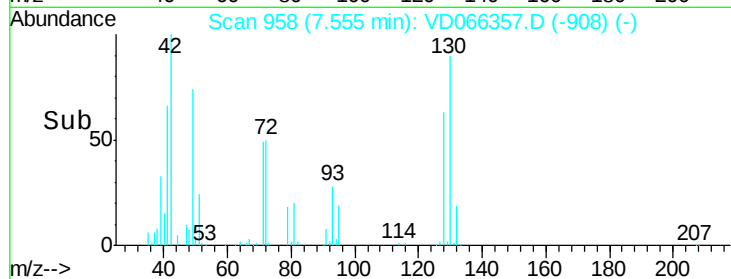
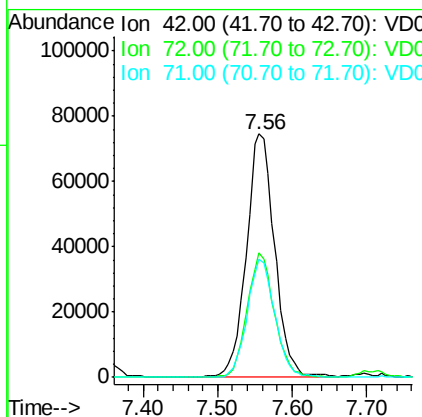
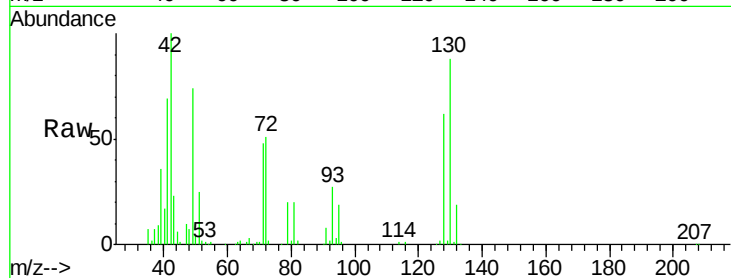




#29
Tetrahydrofuran
Concen: 537.860 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

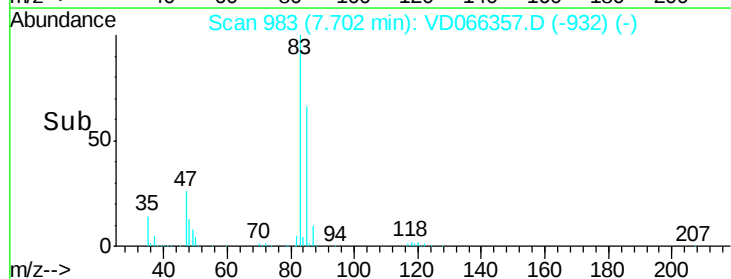
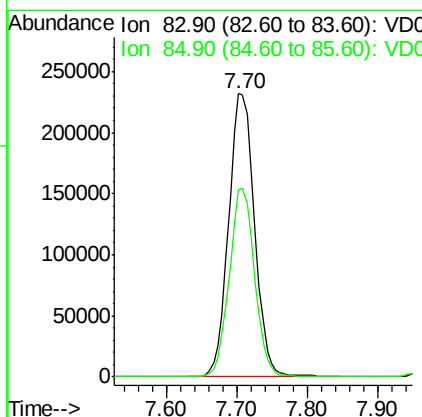
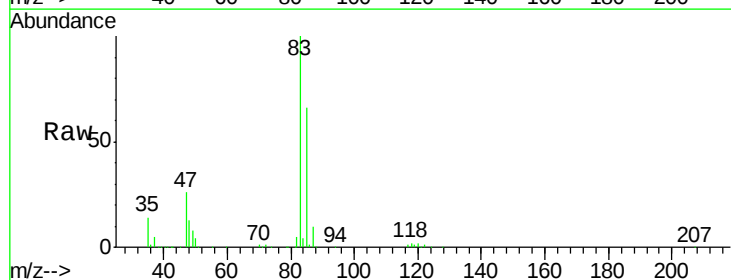
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

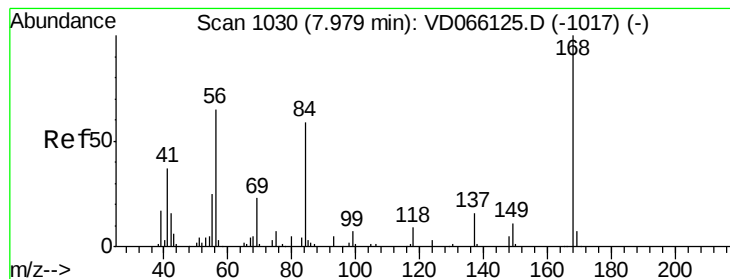
Tgt Ion: 42 Resp: 196375
Ion Ratio Lower Upper
42 100
72 49.1 34.8 52.2
71 47.4 33.5 50.3



#30
Chloroform
Concen: 144.786 ug/l
RT: 7.70 min Scan# 983
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion: 83 Resp: 590830
Ion Ratio Lower Upper
83 100
85 66.4 49.5 74.3





#31

Cyclohexane

Concen: 115.507 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

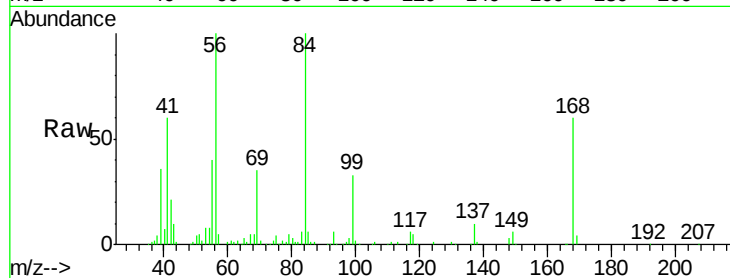
Tgt Ion: 56 Resp: 427304

Ion Ratio Lower Upper

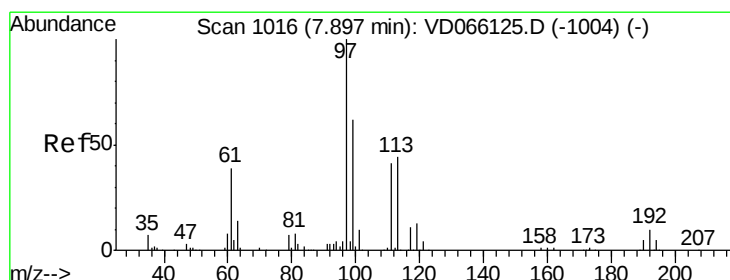
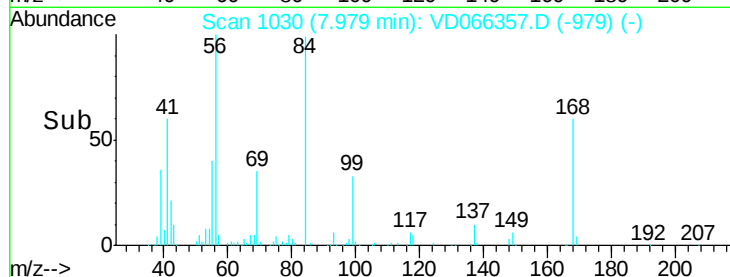
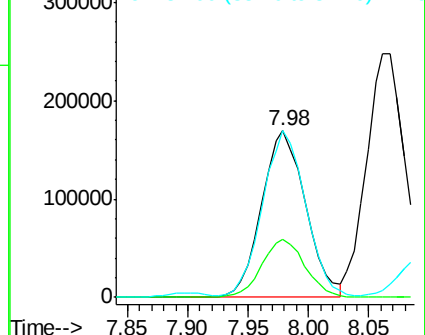
56 100

69 35.0 28.8 43.2

84 97.6 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: 155.611 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

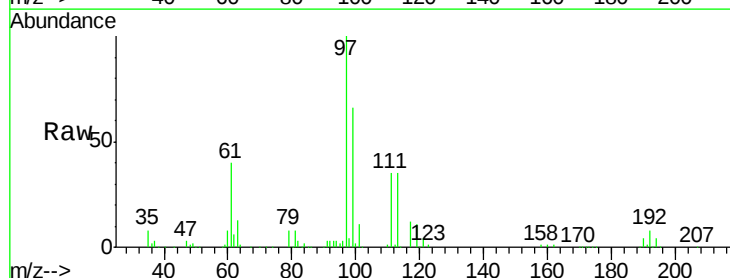
Tgt Ion: 97 Resp: 595385

Ion Ratio Lower Upper

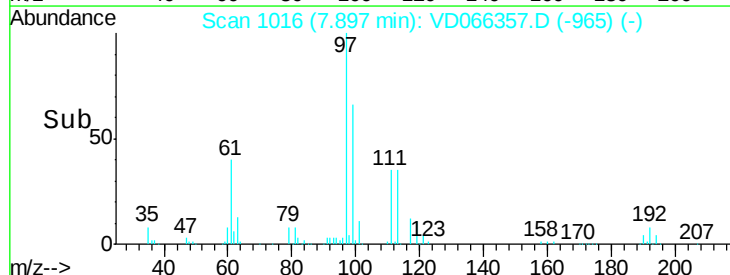
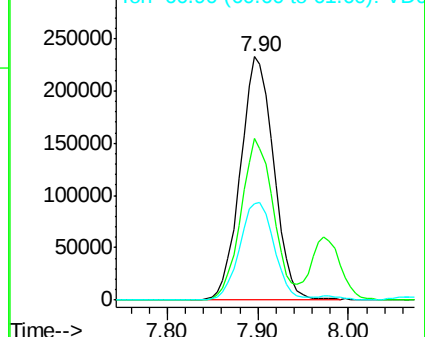
97 100

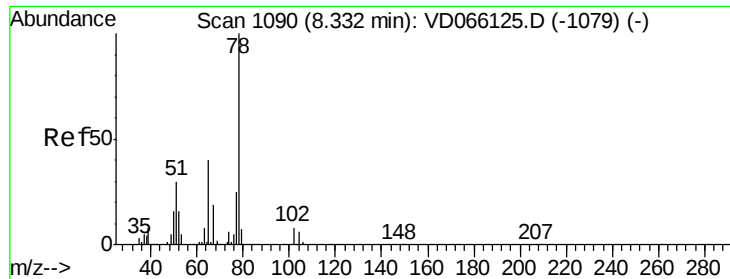
99 65.1 51.1 76.7

61 41.5 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: 164.840 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

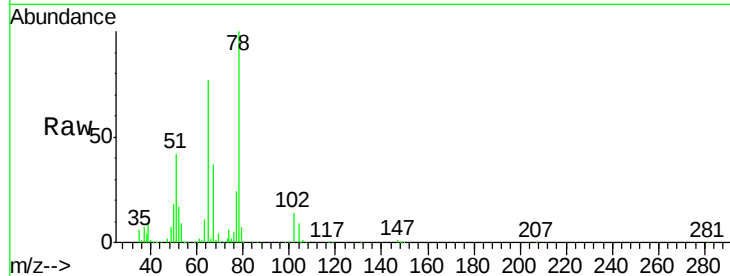
VSTDIC150

Tgt Ion: 65 Resp: 348073

Ion Ratio Lower Upper

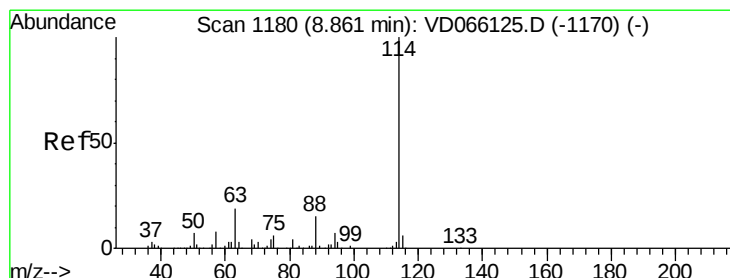
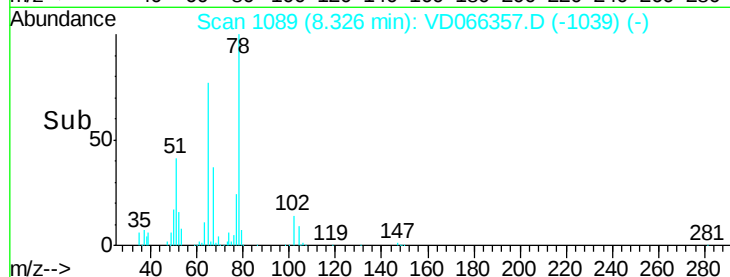
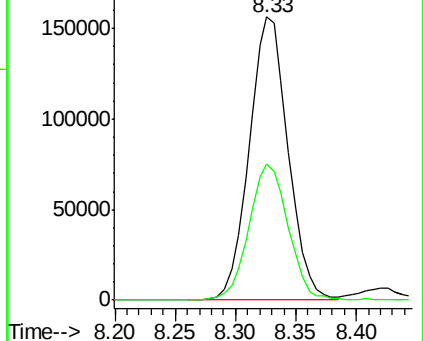
65 100

67 48.4 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: VD066357.D

Acq: 21 Aug 2020 13:14

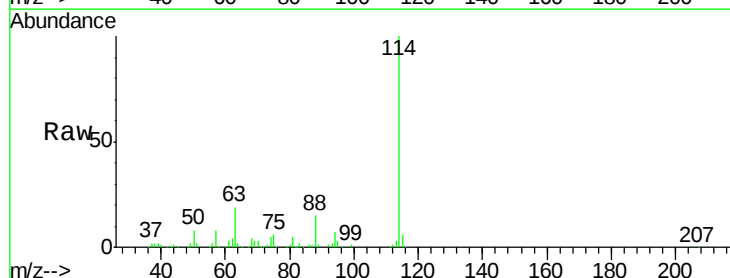
Tgt Ion: 114 Resp: 344146

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

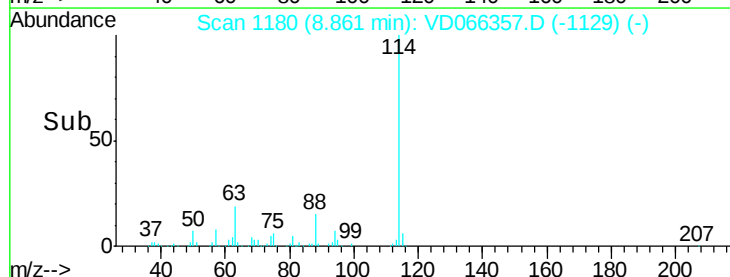
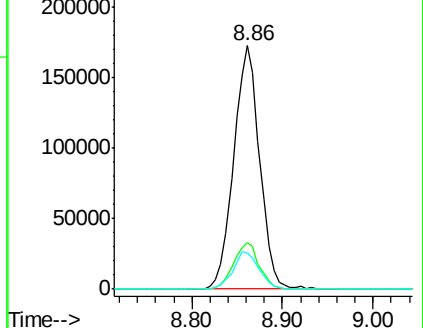
88 14.7 0.0 30.0

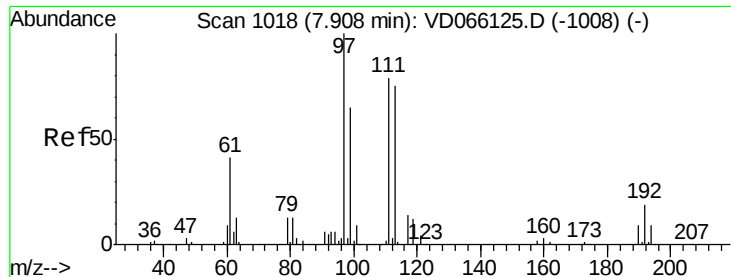


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

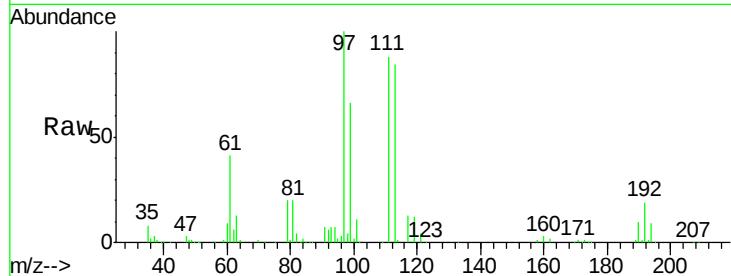




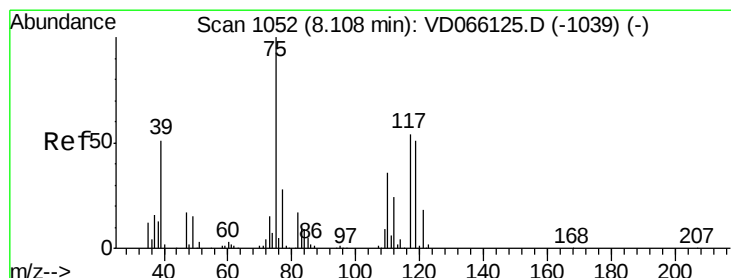
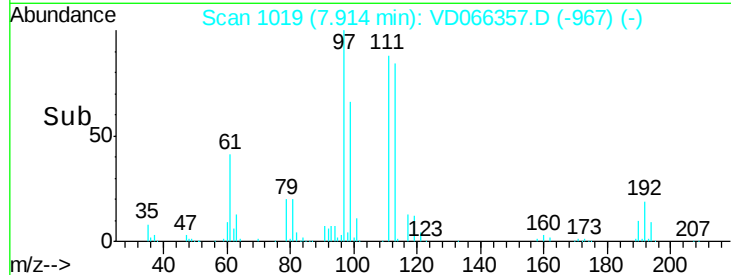
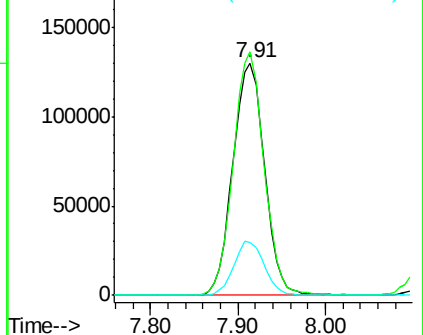
#35
 Dibromofluoromethane
 Concen: 146.457 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion: 113 Resp: 319296
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.7 121.1
 192 22.3 18.4 27.6

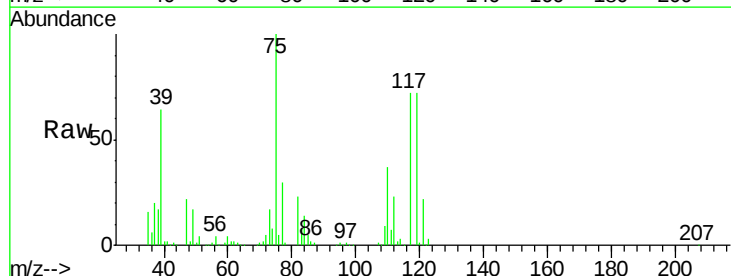


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

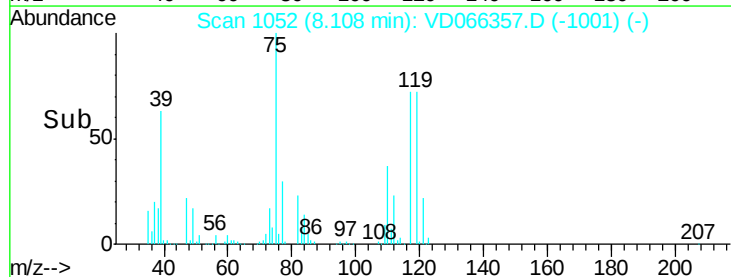
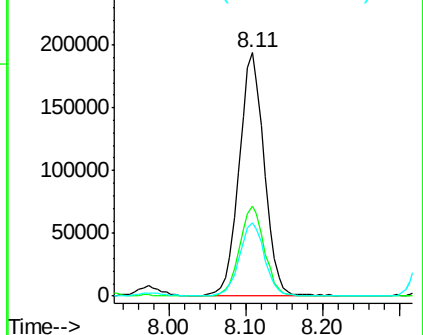


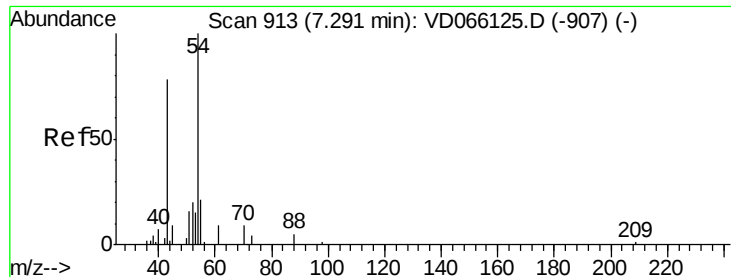
#36
 1,1-Dichloropropene
 Concen: 136.746 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion: 75 Resp: 442227
 Ion Ratio Lower Upper
 75 100
 110 36.5 18.8 56.3
 77 30.4 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC

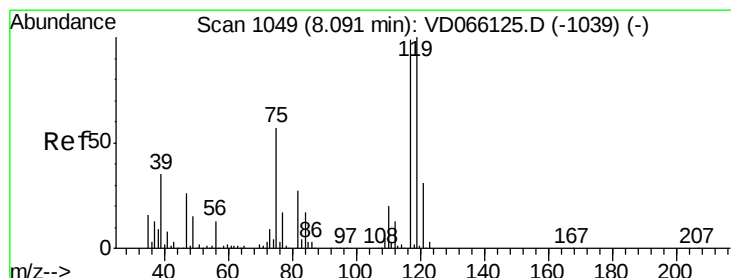
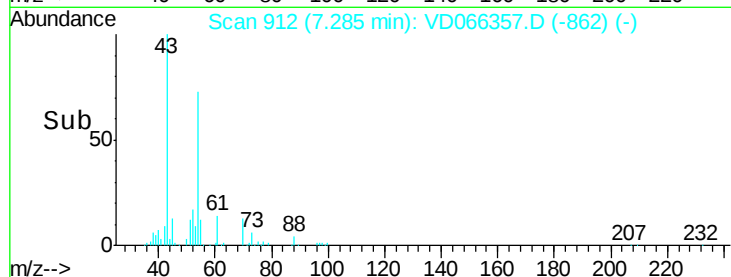
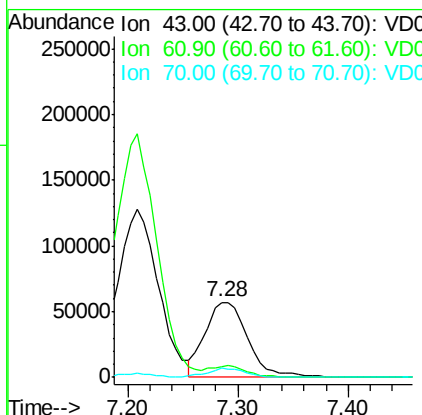
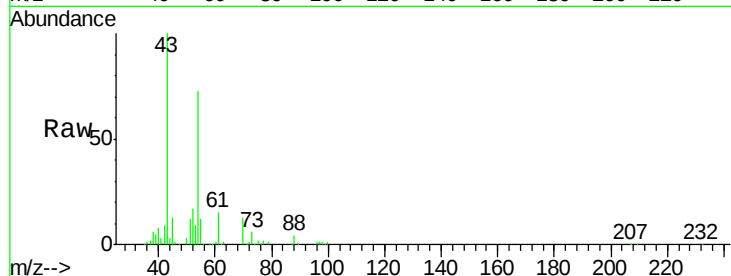




#37
 Ethyl Acetate
 Concen: 117.148 ug/l
 RT: 7.28 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

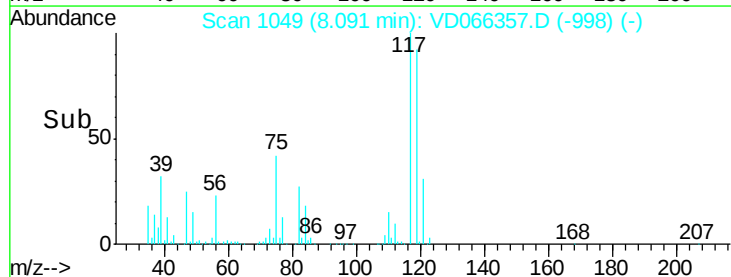
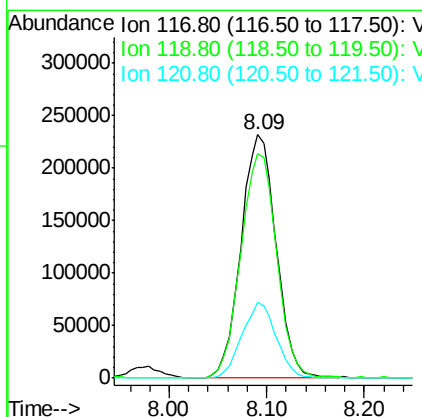
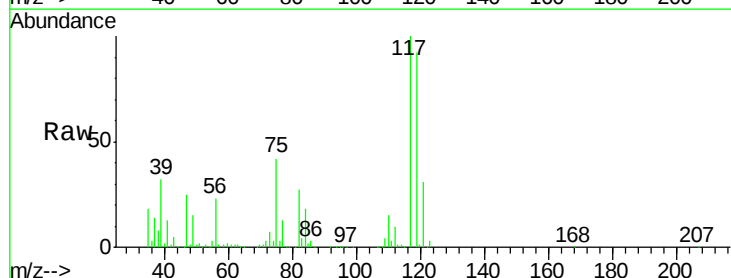
Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC150

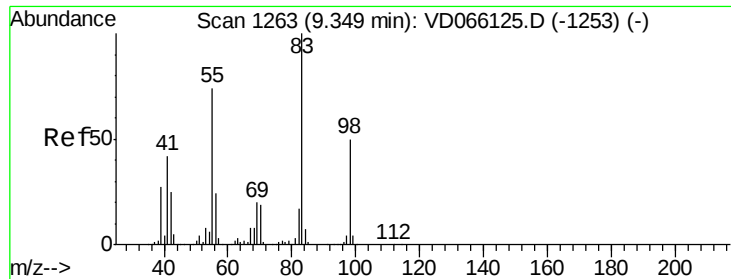
Tgt Ion: 43 Resp: 150104
 Ion Ratio Lower Upper
 43 100
 61 13.1 12.0 18.0
 70 11.5 9.7 14.5



#38
 Carbon Tetrachloride
 Concen: 161.536 ug/l
 RT: 8.09 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion: 117 Resp: 582554
 Ion Ratio Lower Upper
 117 100
 119 92.3 81.0 121.4
 121 31.5 24.8 37.2

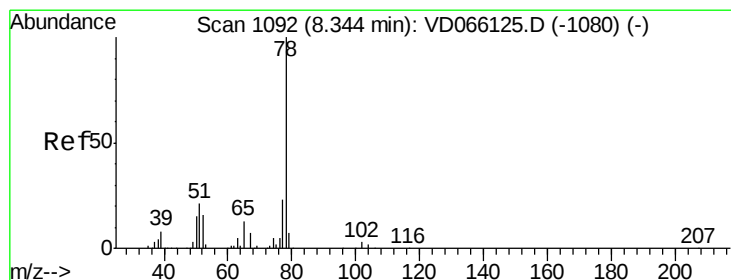
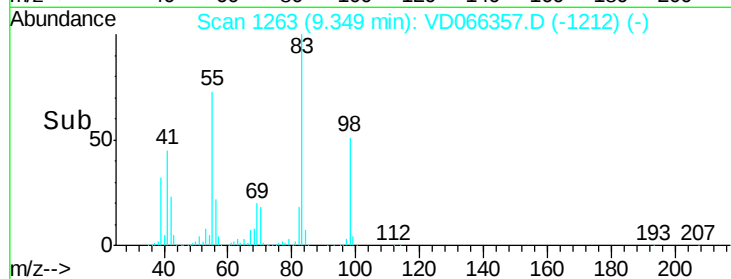
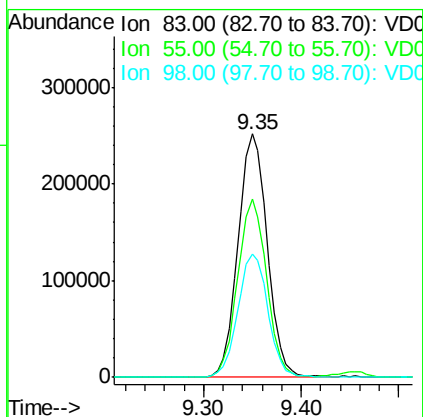
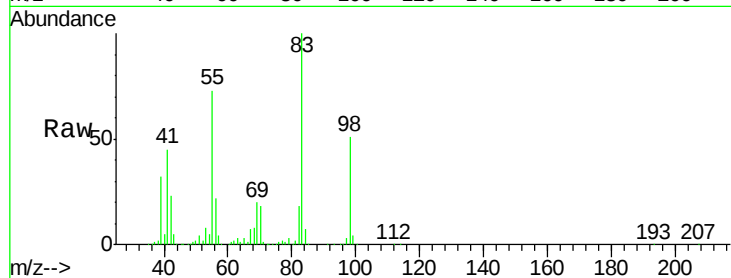




#39
Methylcyclohexane
Concen: 135.031 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

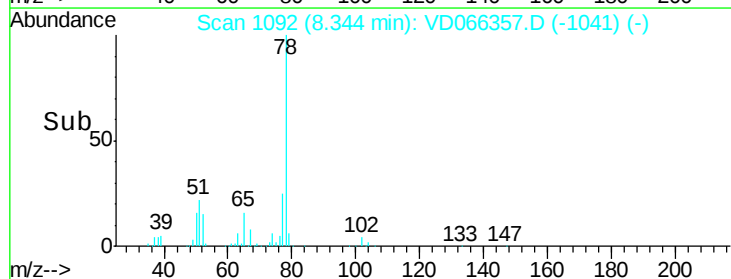
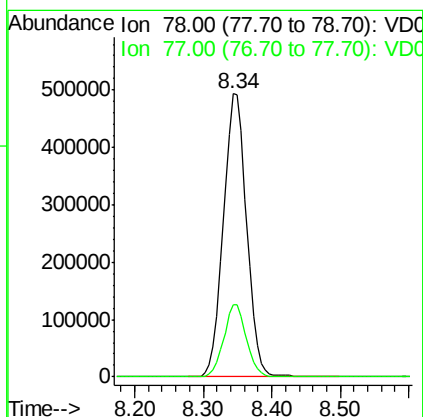
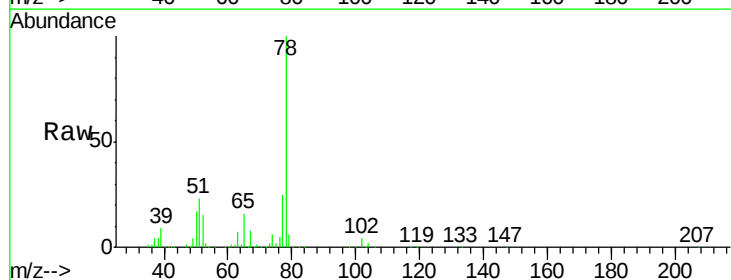
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

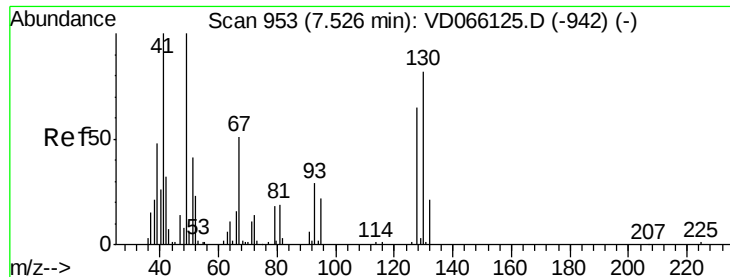
Tgt Ion: 83 Resp: 527876
Ion Ratio Lower Upper
83 100
55 73.3 59.2 88.8
98 50.7 39.8 59.6



#40
Benzene
Concen: 129.673 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion: 78 Resp: 1163319
Ion Ratio Lower Upper
78 100
77 25.3 18.6 27.8





#41

Methacrylonitrile

Concen: 286.568 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.03 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 215895

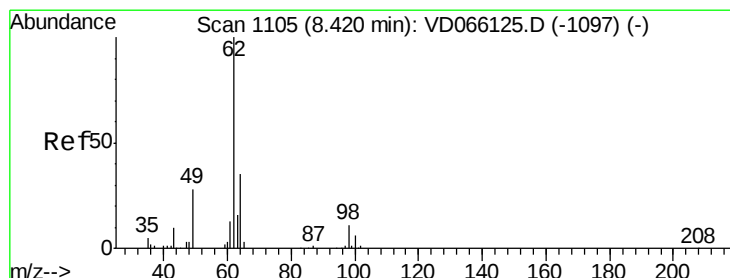
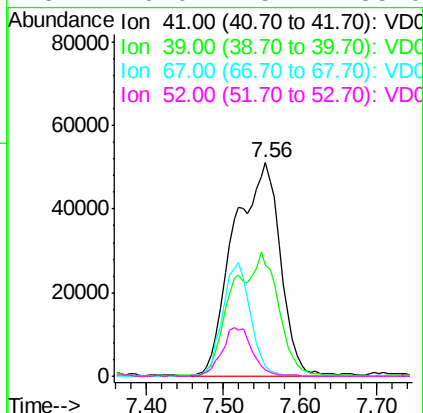
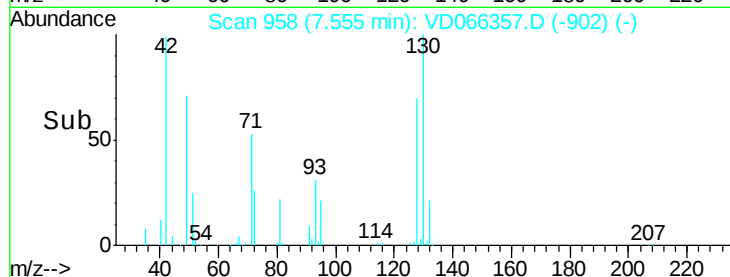
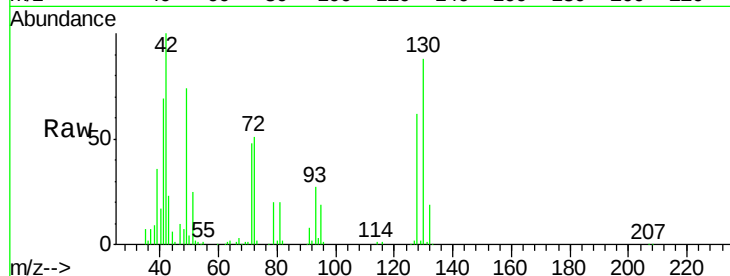
Ion Ratio Lower Upper

41 100

39 0.0 47.5 71.3#

67 0.0 59.1 88.7#

52 0.0 25.4 38.0#



#42

1,2-Dichloroethane

Concen: 159.481 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066357.D

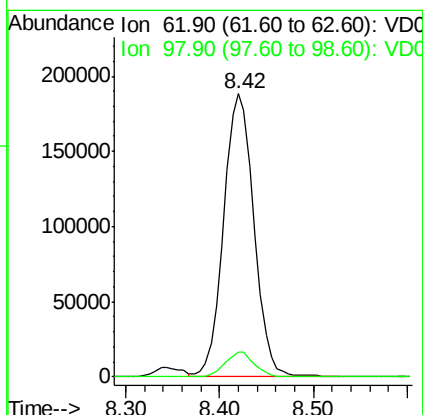
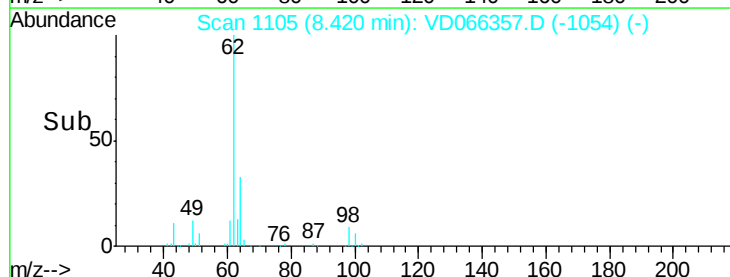
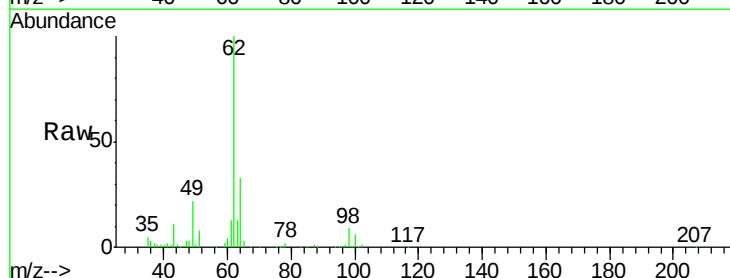
Acq: 21 Aug 2020 13:14

Tgt Ion: 62 Resp: 420310

Ion Ratio Lower Upper

62 100

98 8.5 0.0 20.4





#43

Isopropyl Acetate

Concen: 124.055 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

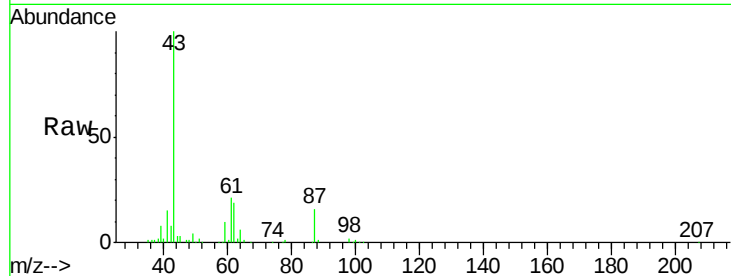
Tgt Ion: 43 Resp: 313189

Ion Ratio Lower Upper

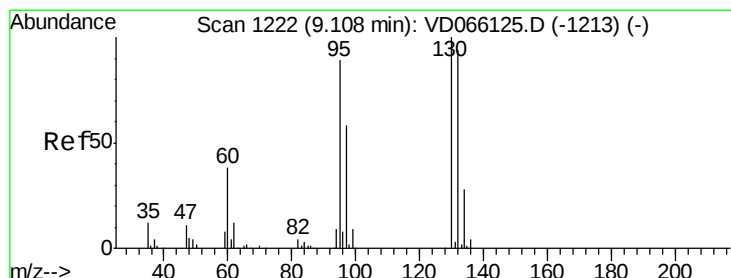
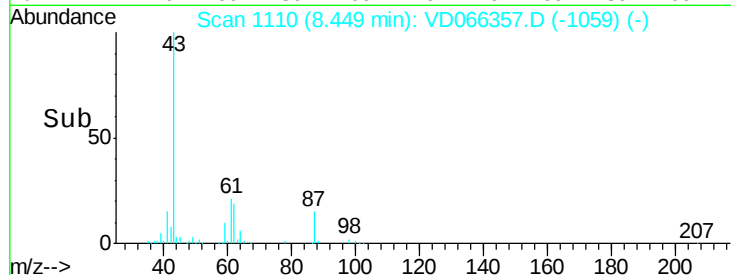
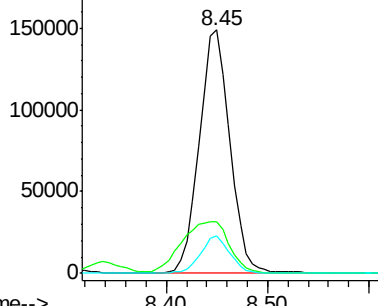
43 100

61 32.9 25.5 38.3

87 14.8 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 140.268 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066357.D

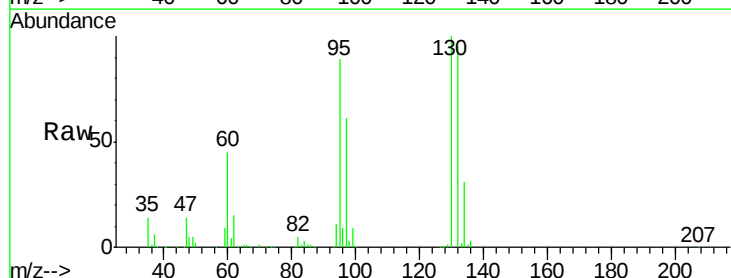
Acq: 21 Aug 2020 13:14

Tgt Ion: 130 Resp: 379190

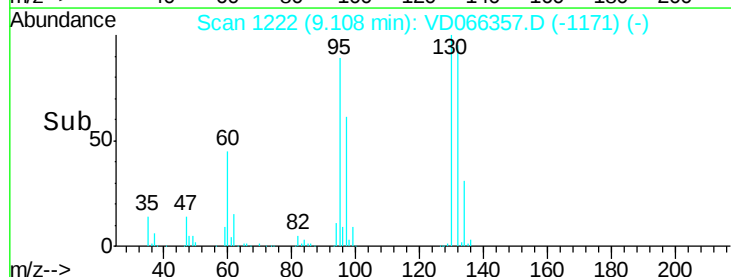
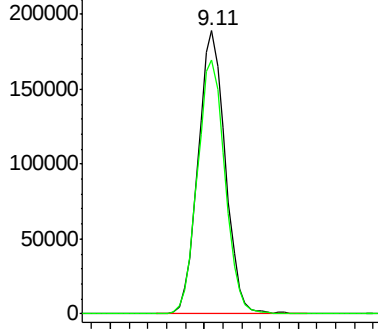
Ion Ratio Lower Upper

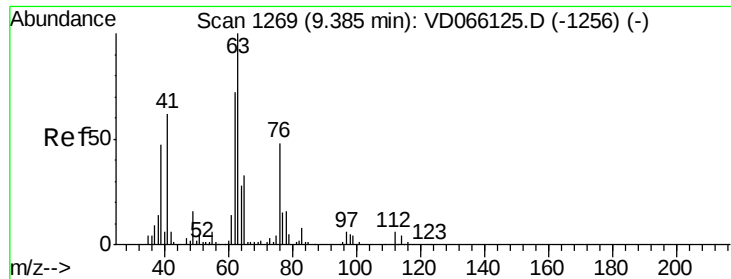
130 100

95 89.5 0.0 178.4



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





#45

1,2-Dichloropropane

Concen: 122.141 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

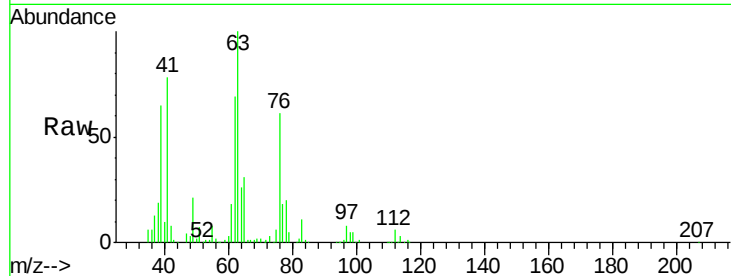
VSTDIC150

Tgt Ion: 63 Resp: 267990

Ion Ratio Lower Upper

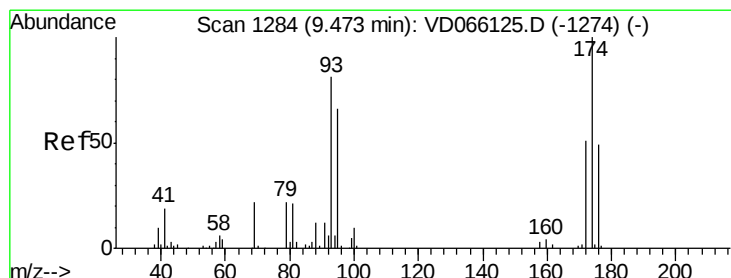
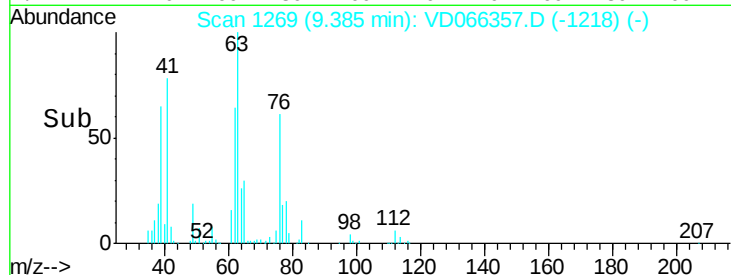
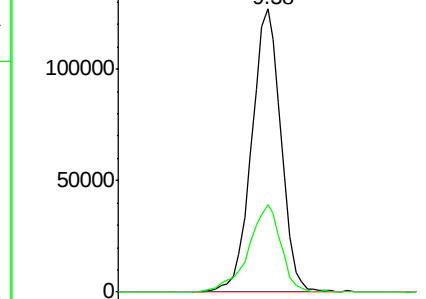
63 100

65 31.0 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 138.655 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

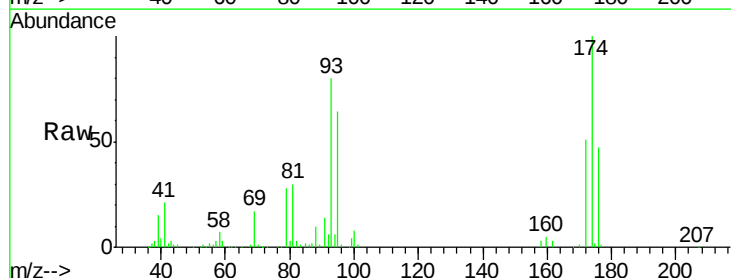
Tgt Ion: 93 Resp: 167575

Ion Ratio Lower Upper

93 100

95 80.1 65.8 98.6

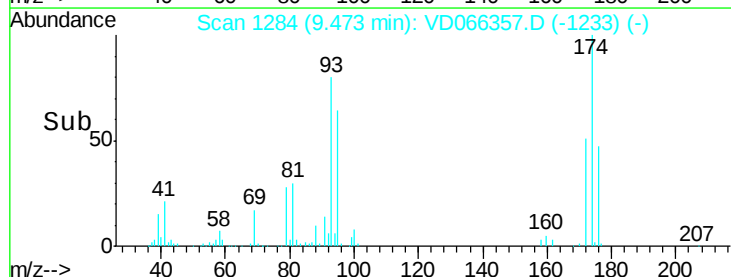
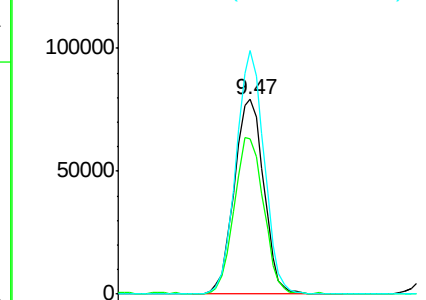
174 118.5 92.8 139.2

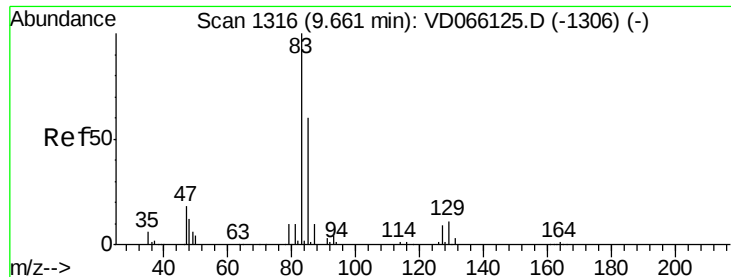


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

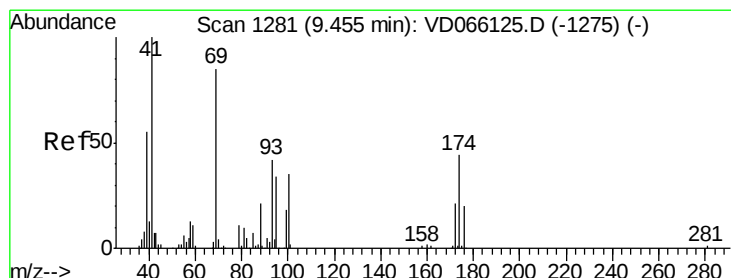
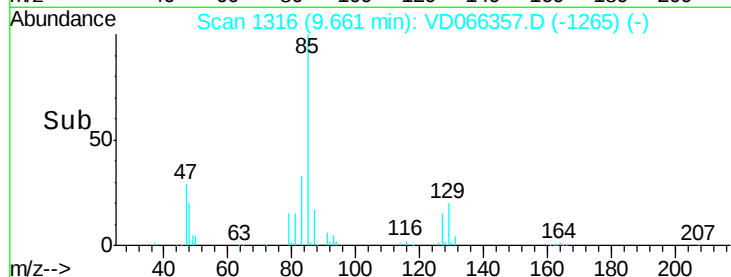
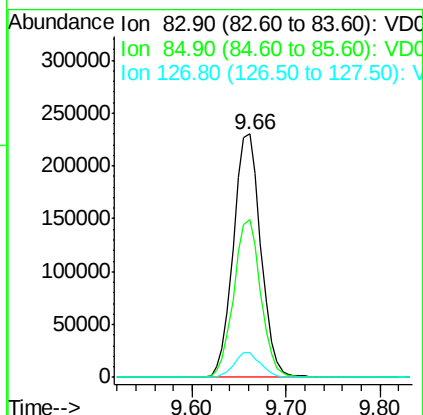
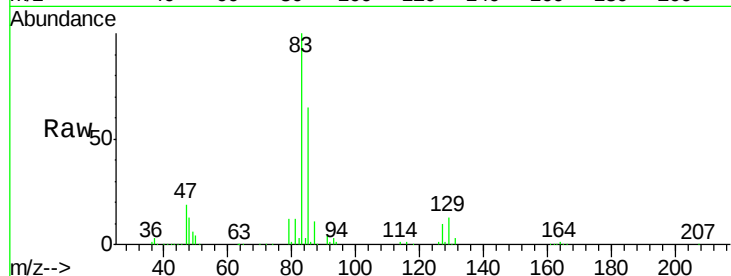




#47
Bromodichloromethane
Concen: 145.979 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

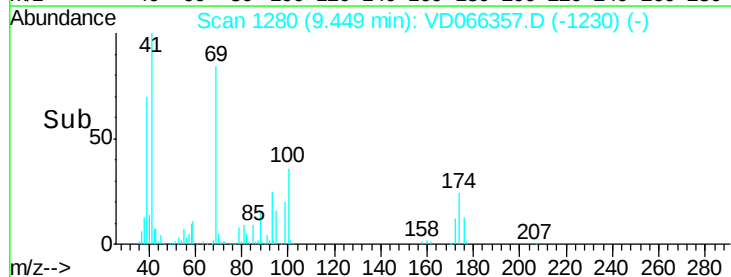
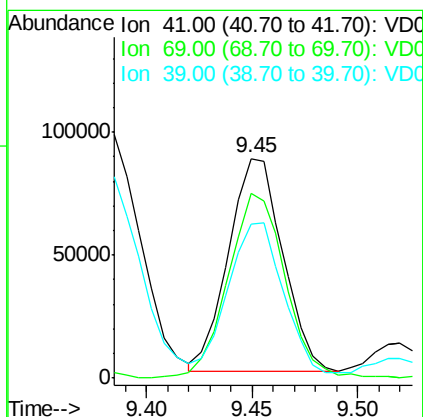
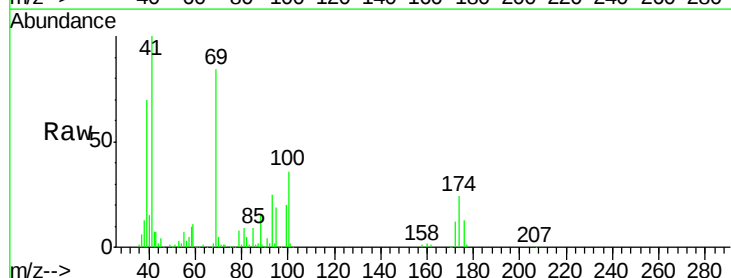
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

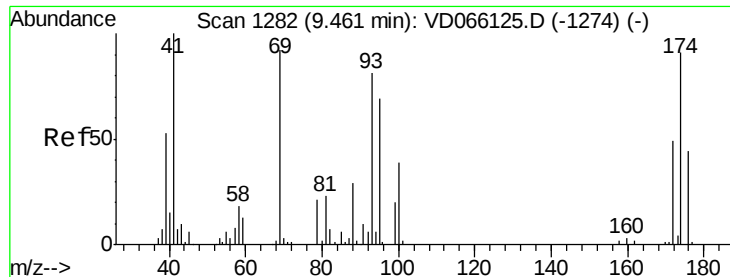
Tgt Ion: 83 Resp: 466291
Ion Ratio Lower Upper
83 100
85 65.0 48.2 72.4
127 10.0 7.3 10.9



#48
Methyl methacrylate
Concen: 119.823 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion: 41 Resp: 154464
Ion Ratio Lower Upper
41 100
69 91.5 63.9 95.9
39 70.5 42.6 64.0#

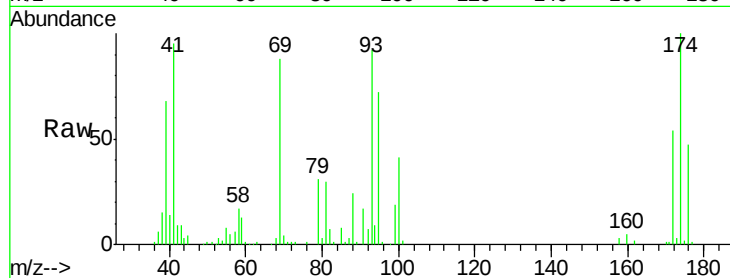




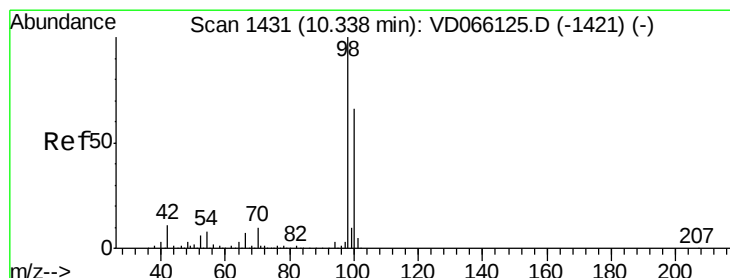
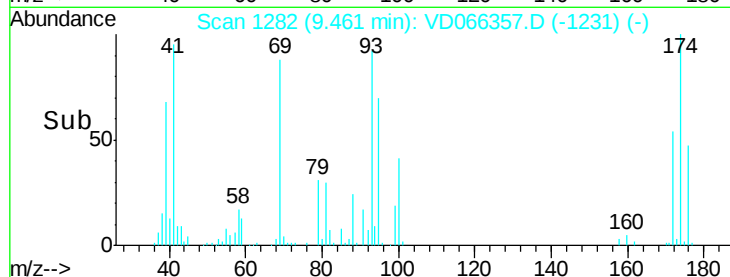
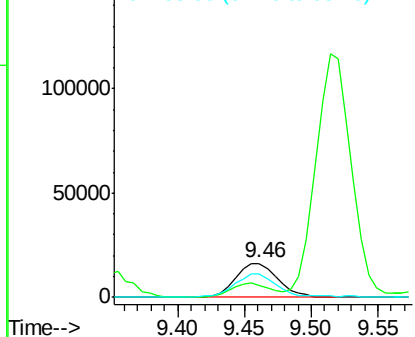
#49
 1,4-Dioxane
 Concen: 2299.911 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion: 88 Resp: 35711
 Ion Ratio Lower Upper
 88 100
 43 40.3 27.5 41.3
 58 68.0 50.2 75.4

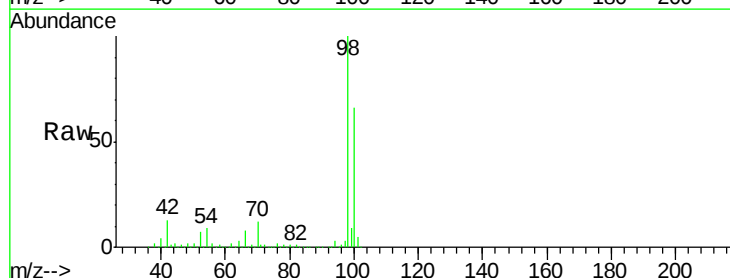


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

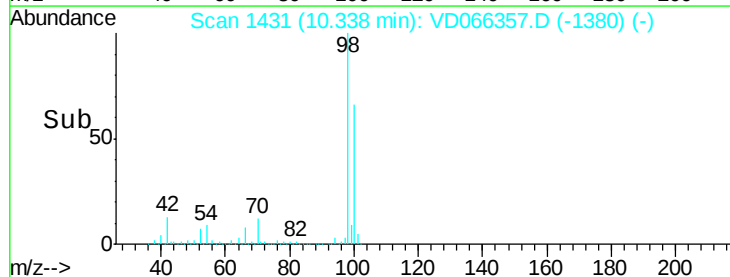
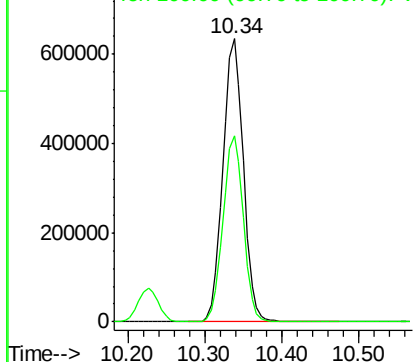


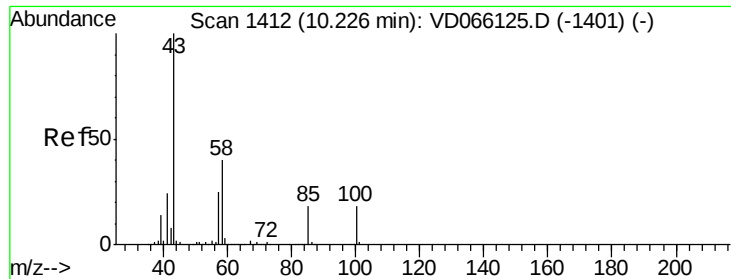
#50
 Toluene-d8
 Concen: 145.769 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion: 98 Resp: 1172744
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

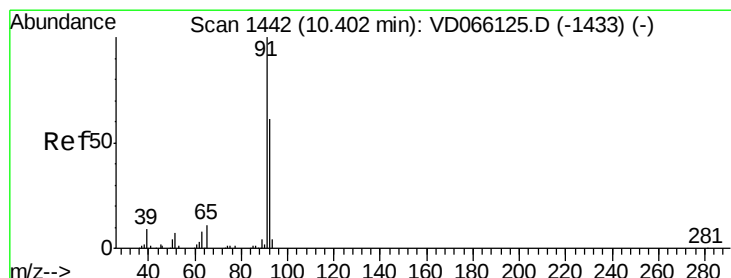
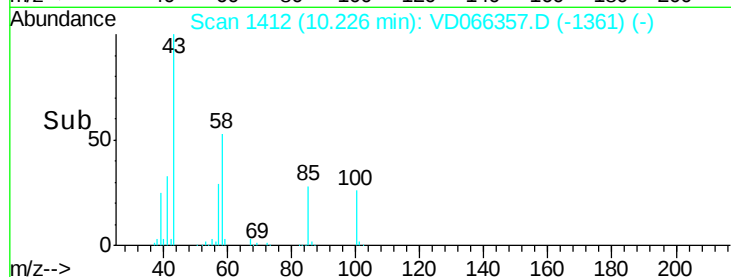
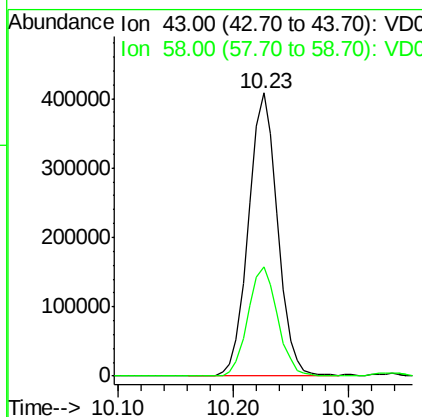
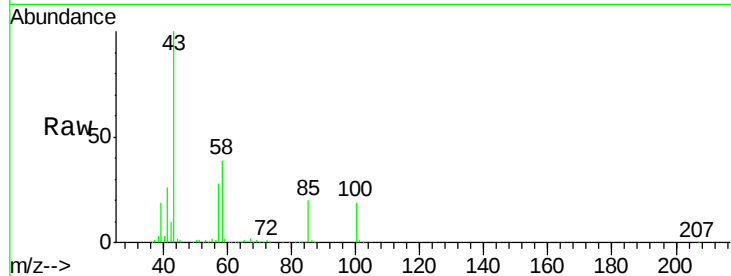




#51
 4-Methyl-2-Pentanone
 Concen: 554.185 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

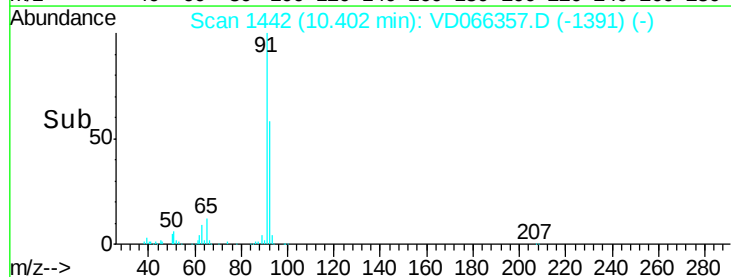
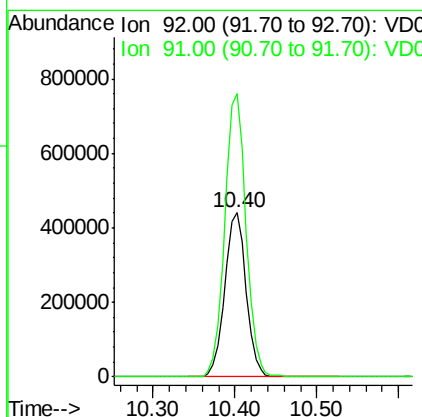
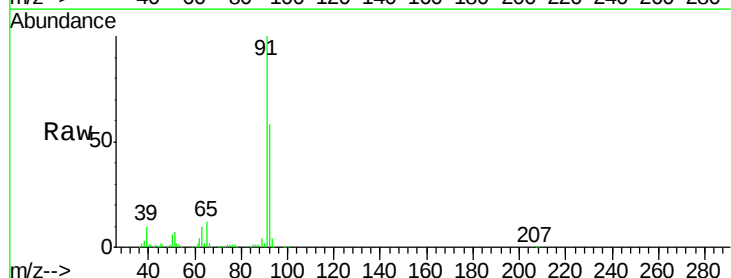
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

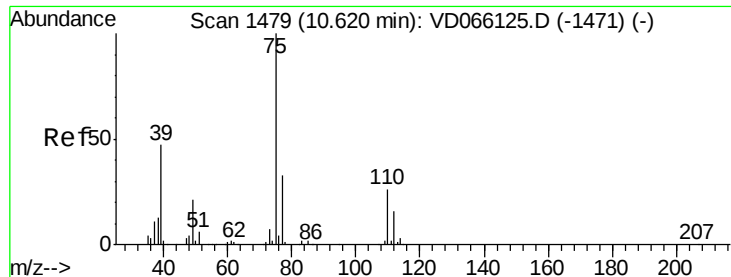
Tgt Ion: 43 Resp: 718655
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.1 46.7



#52
 Toluene
 Concen: 135.366 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion: 92 Resp: 799092
 Ion Ratio Lower Upper
 92 100
 91 172.1 135.2 202.8

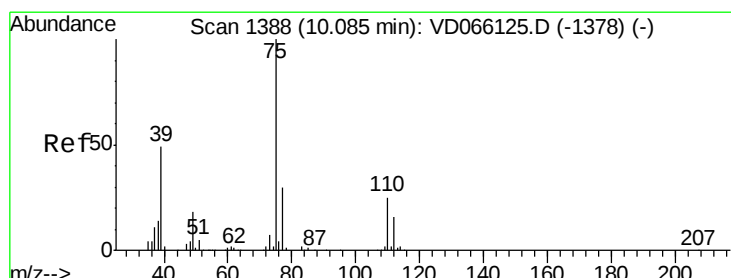
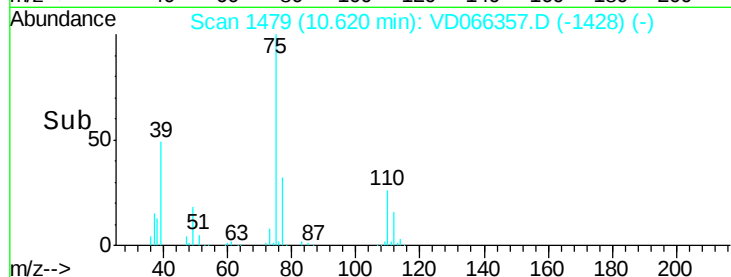
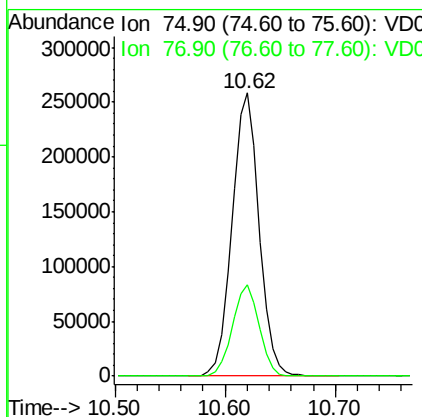
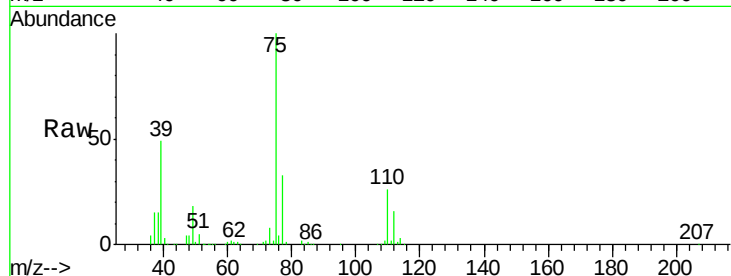




#53
 t-1,3-Dichloropropene
 Concen: 146.259 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

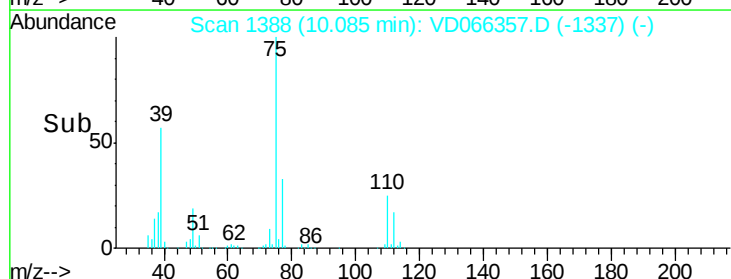
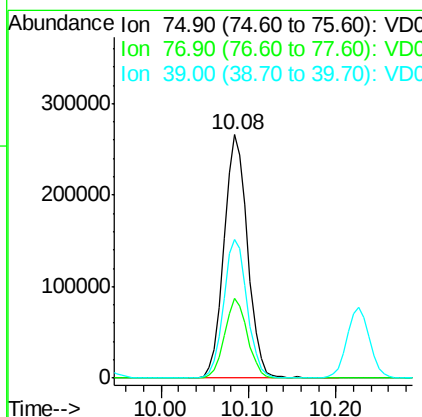
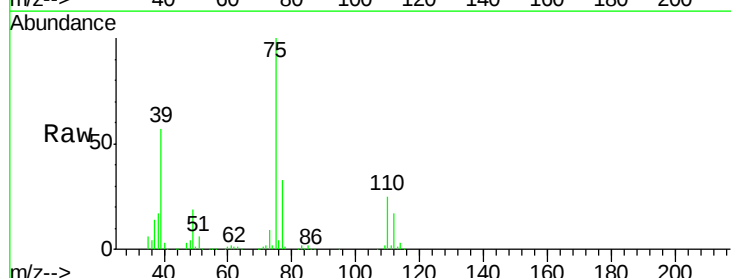
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

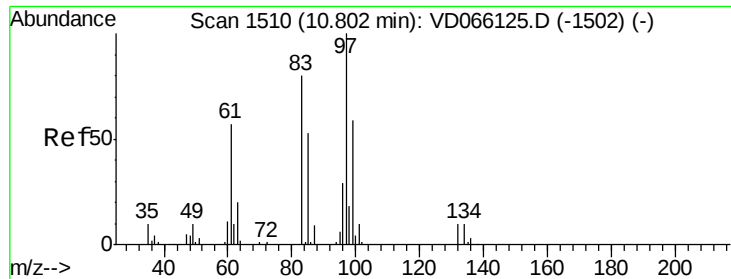
Tgt Ion: 75 Resp: 443365
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 138.677 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion: 75 Resp: 492532
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.3 36.5
 39 56.7 39.3 58.9

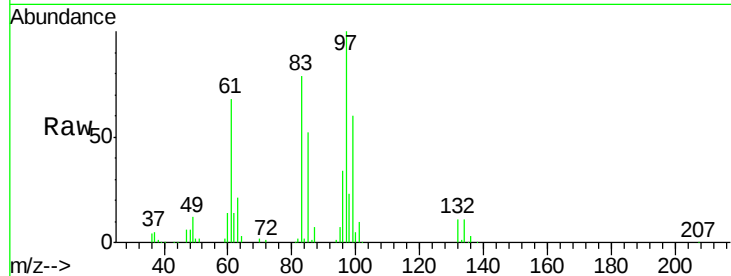




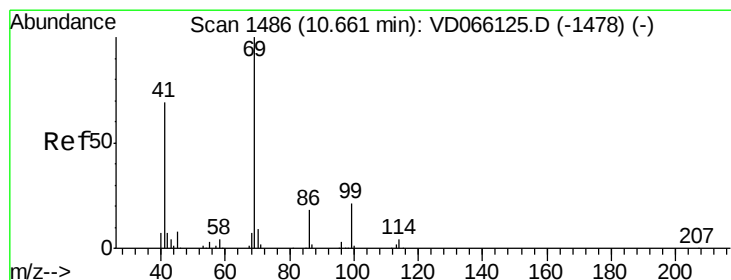
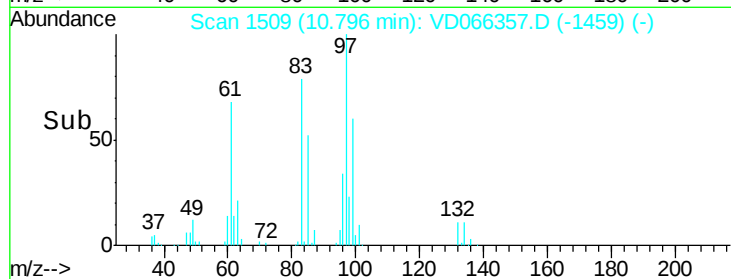
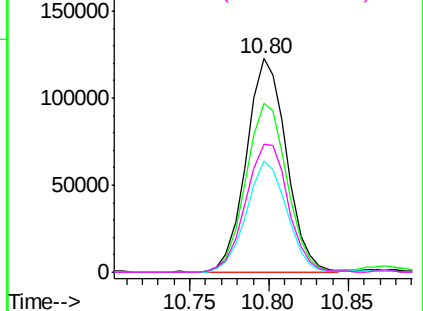
#55
 1,1,2-Trichloroethane
 Concen: 124.062 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion:	97	Resp:	215903
Ion	Ratio	Lower	Upper
97	100		
83	79.3	63.9	95.9
85	51.9	42.5	63.7
99	59.7	47.4	71.0

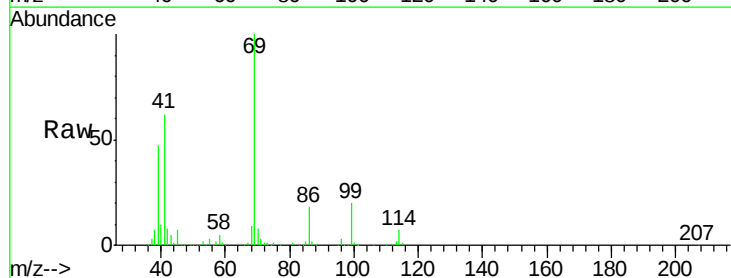


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

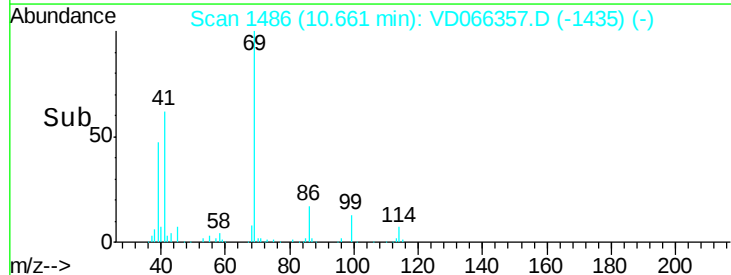
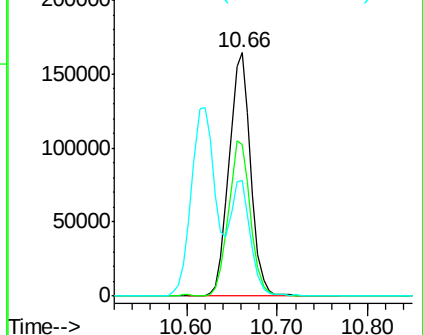


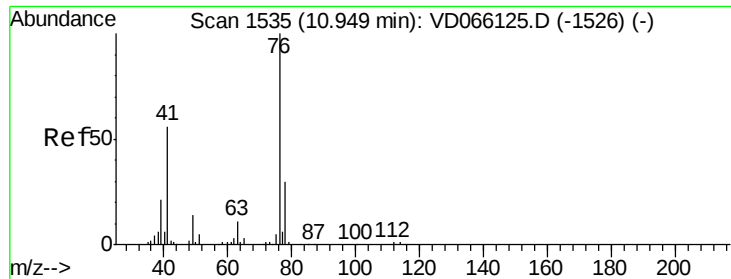
#56
 Ethyl methacrylate
 Concen: 130.445 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion:	69	Resp:	272708
Ion	Ratio	Lower	Upper
69	100		
41	64.8	54.1	81.1
39	41.9	28.6	43.0



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

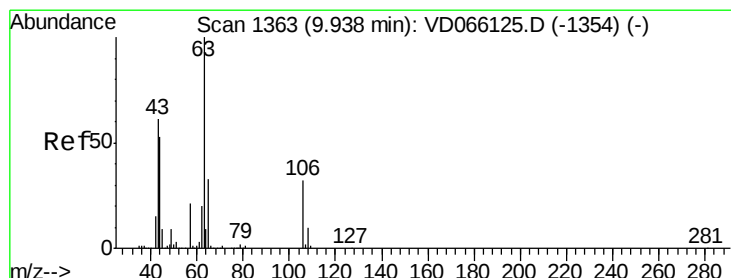
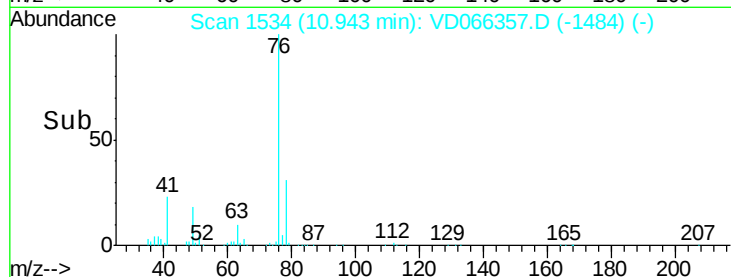
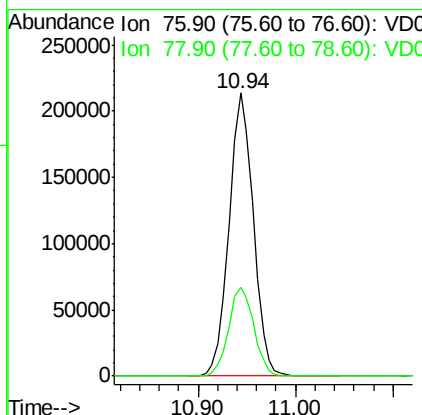
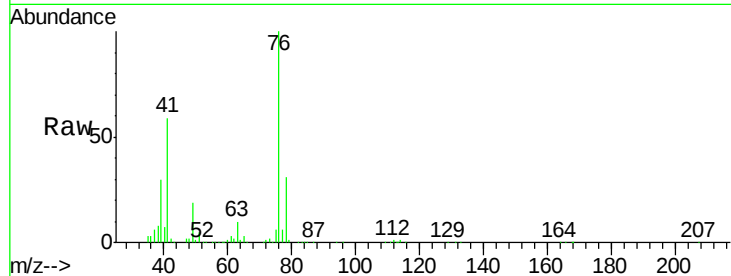




#57
 1,3-Dichloropropane
 Concen: 127.878 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

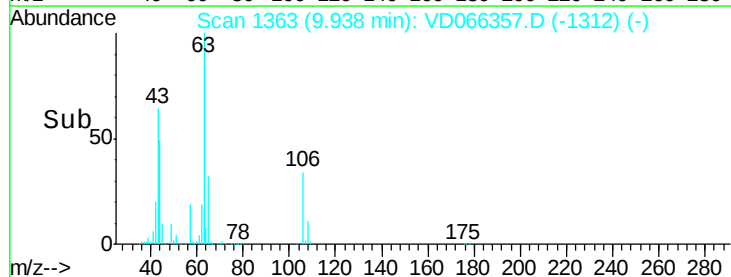
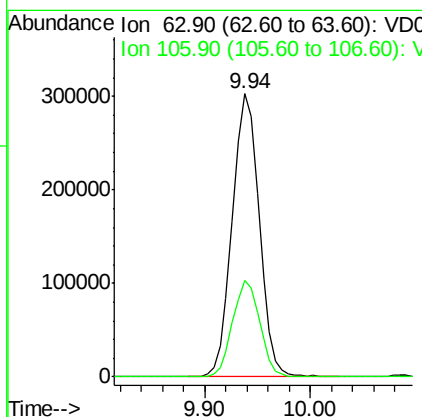
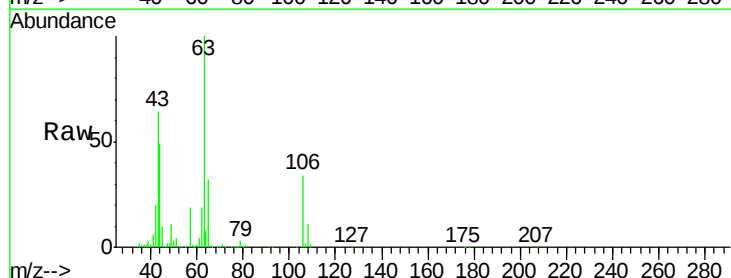
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

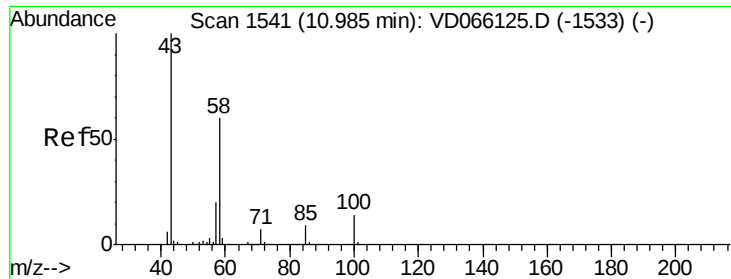
Tgt Ion: 76 Resp: 369458
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 568.996 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion: 63 Resp: 535070
 Ion Ratio Lower Upper
 63 100
 106 34.3 25.3 37.9

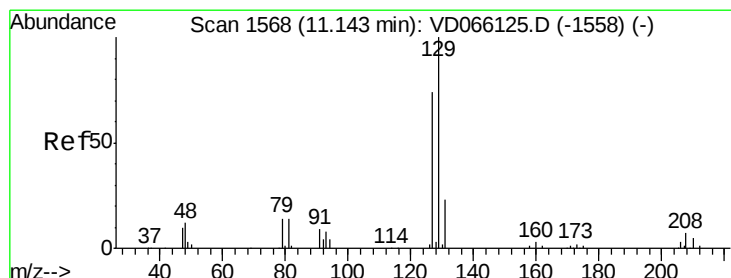
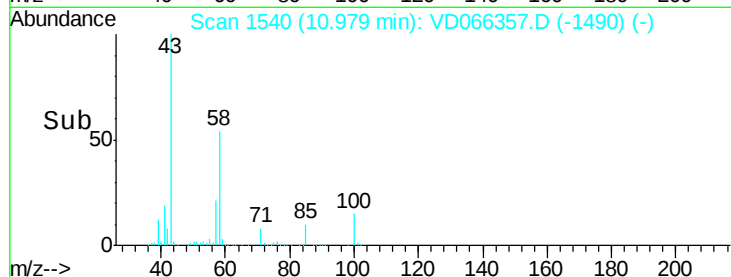
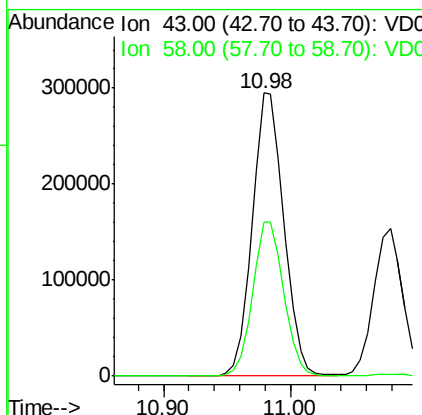
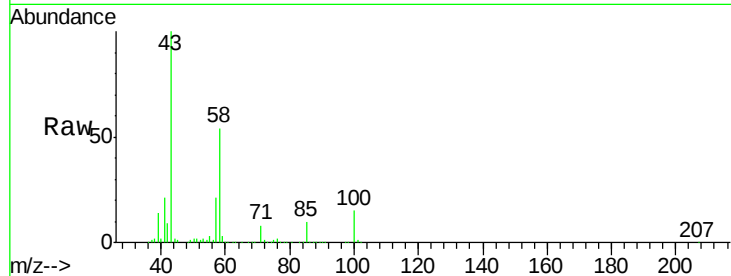




#59
2-Hexanone
Concen: 562.748 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

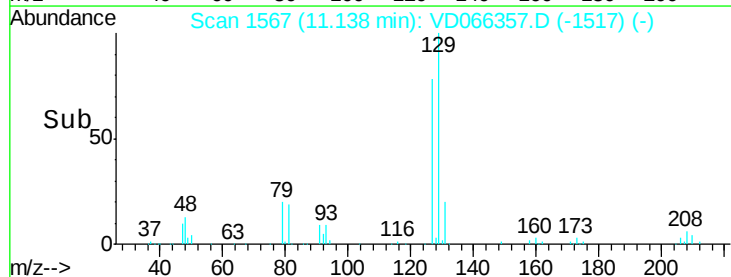
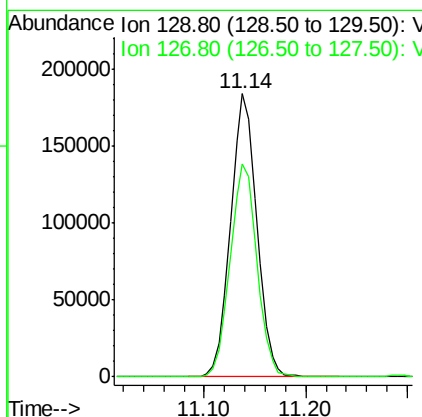
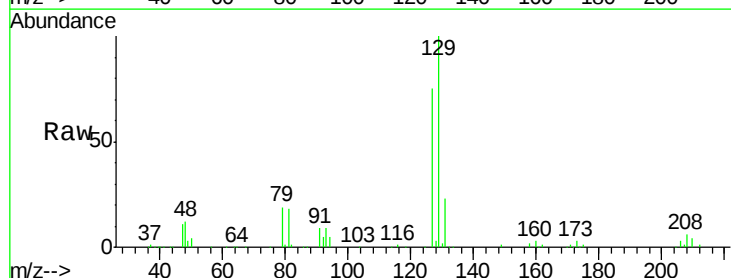
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

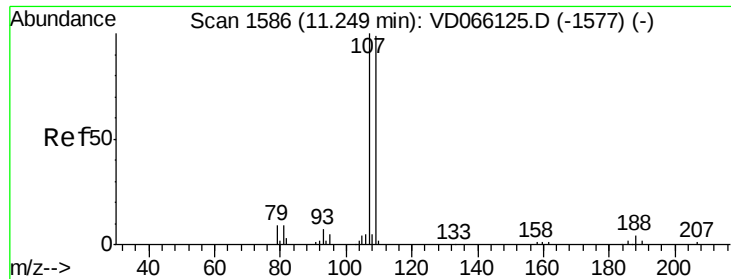
Tgt Ion: 43 Resp: 512158
Ion Ratio Lower Upper
43 100
58 53.7 27.8 83.4



#60
Dibromochloromethane
Concen: 137.373 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion: 129 Resp: 330054
Ion Ratio Lower Upper
129 100
127 76.7 38.0 114.1

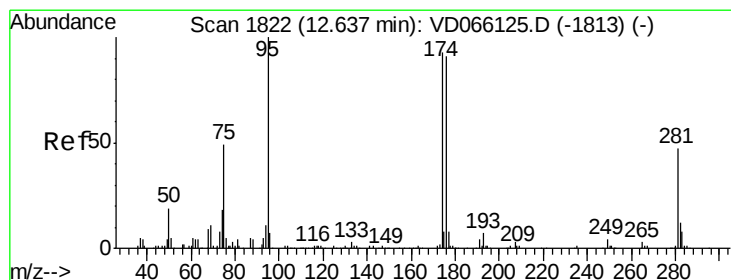
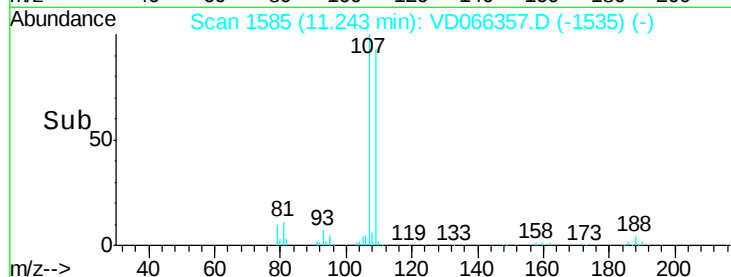
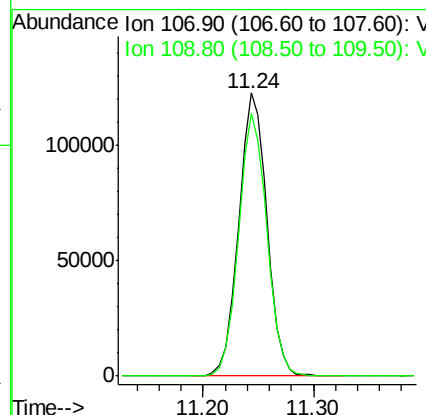
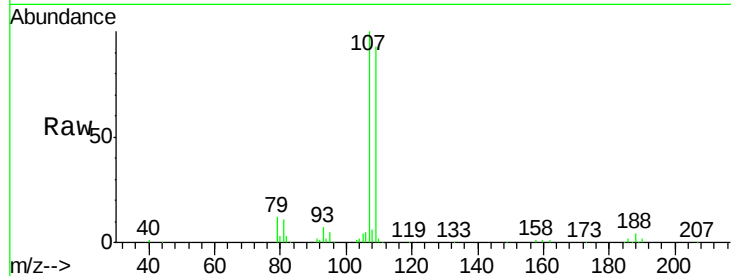




#61
 1,2-Dibromoethane
 Concen: 131.284 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

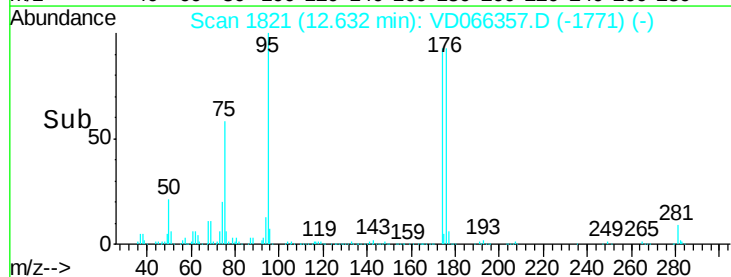
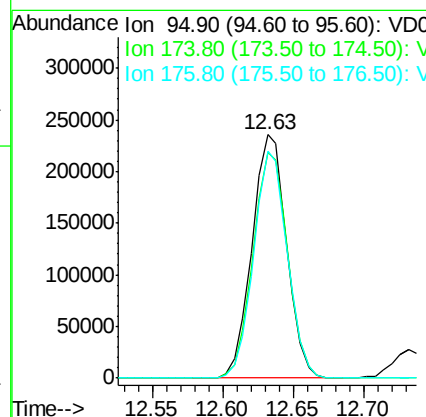
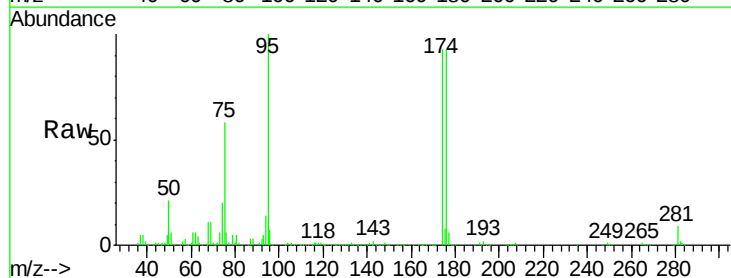
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion: 107 Resp: 219724
 Ion Ratio Lower Upper
 107 100
 109 92.7 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 139.555 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion: 95 Resp: 404707
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 180.8
 176 90.8 0.0 181.2

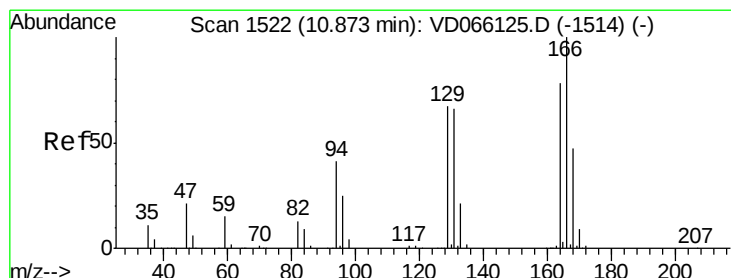
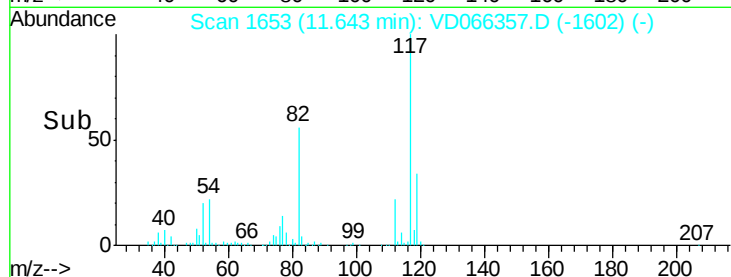
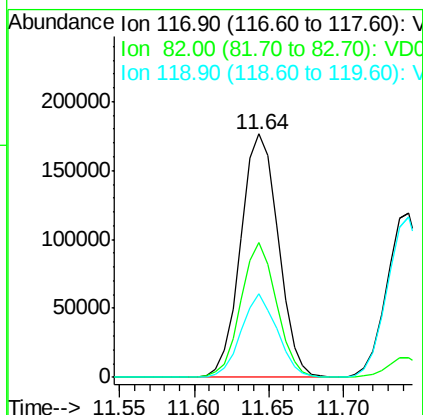
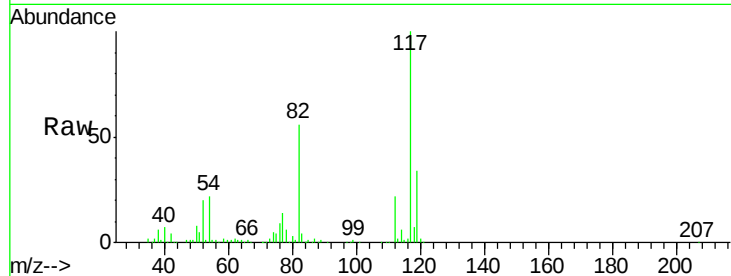




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

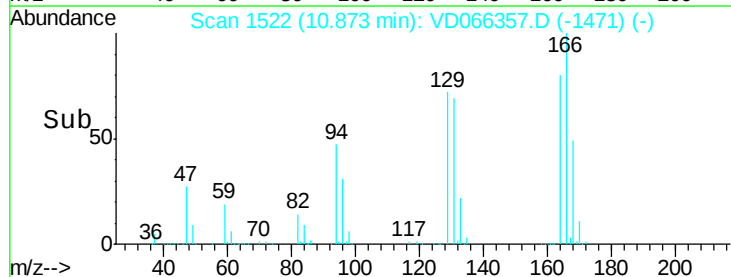
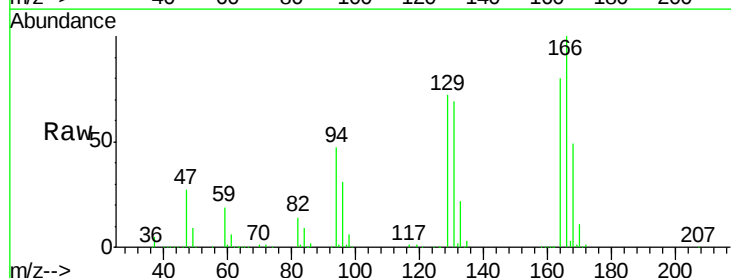
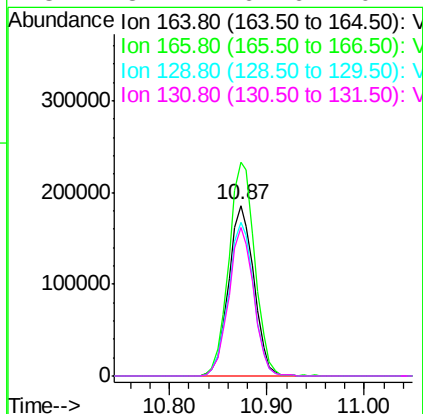
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

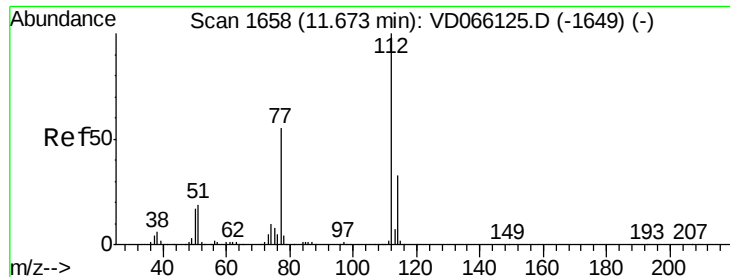
Tgt Ion:117 Resp: 308411
Ion Ratio Lower Upper
117 100
82 55.6 43.0 64.4
119 34.2 26.1 39.1



#64
Tetrachloroethene
Concen: 140.921 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion:164 Resp: 333737
Ion Ratio Lower Upper
164 100
166 125.4 101.9 152.9
129 90.0 68.1 102.1
131 87.1 67.6 101.4

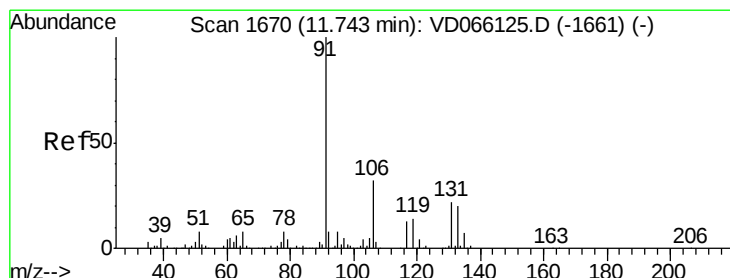
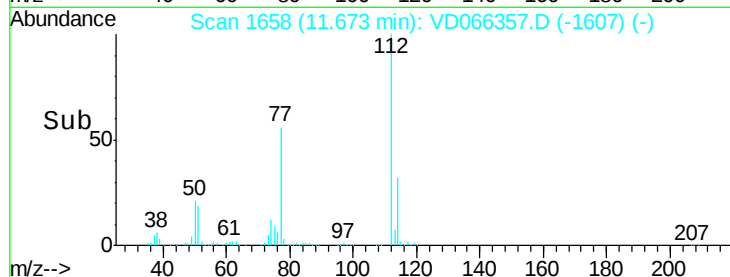
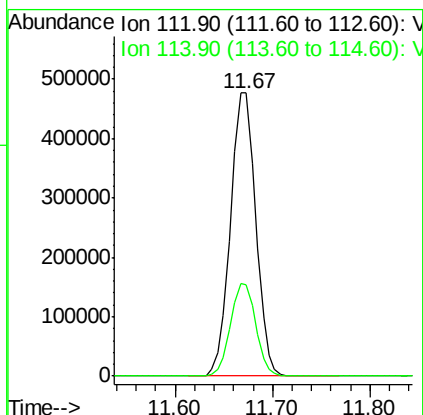
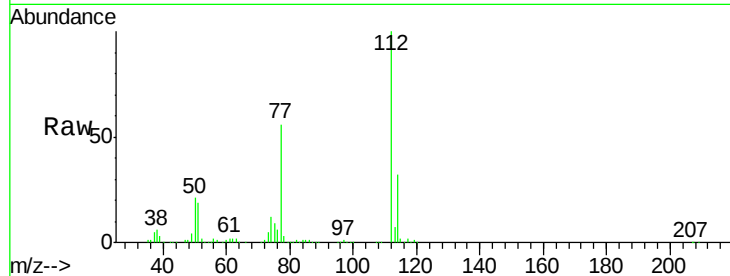




#65
Chlorobenzene
Concen: 137.477 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

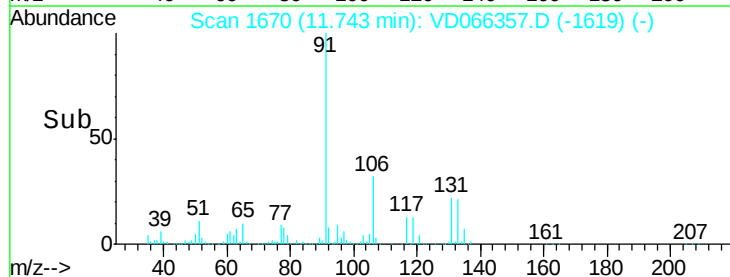
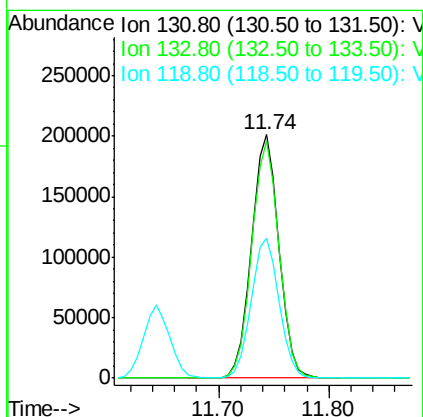
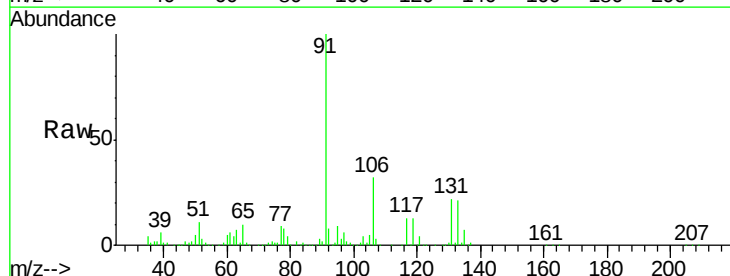
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

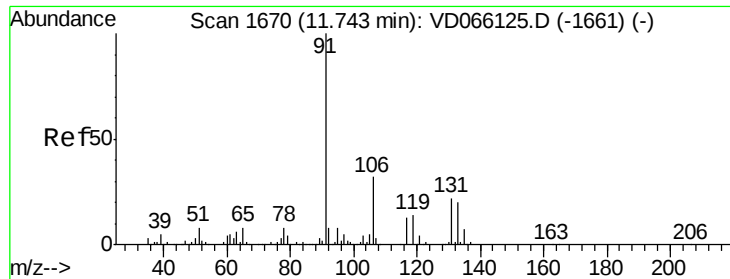
Tgt Ion:112 Resp: 860723
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 142.956 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion:131 Resp: 350198
Ion Ratio Lower Upper
131 100
133 97.5 47.1 141.4
119 58.8 31.6 94.7





#67

Ethyl Benzene

Concen: 143.214 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

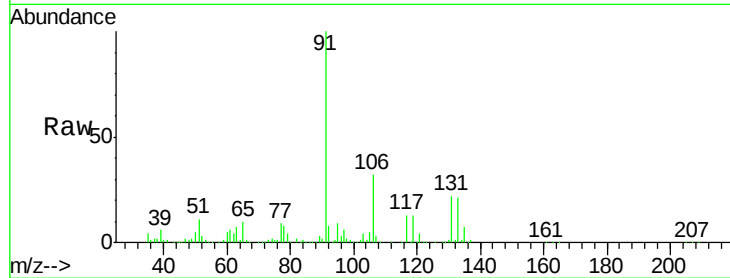
VSTDIC150

Tgt Ion: 91 Resp: 1553795

Ion Ratio Lower Upper

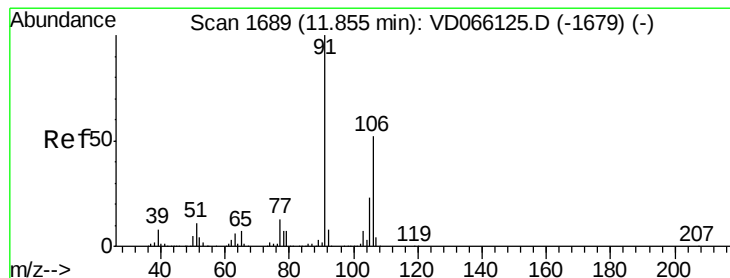
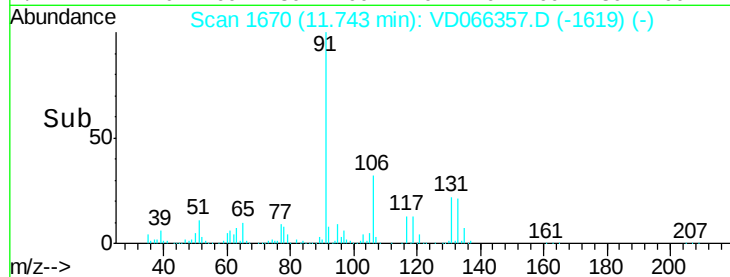
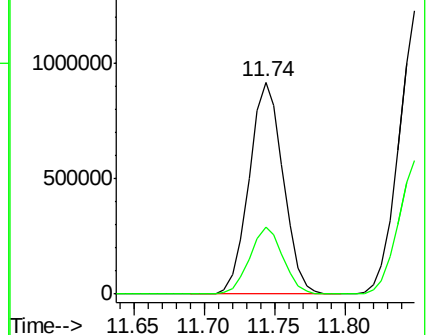
91 100

106 31.8 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 279.292 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD066357.D

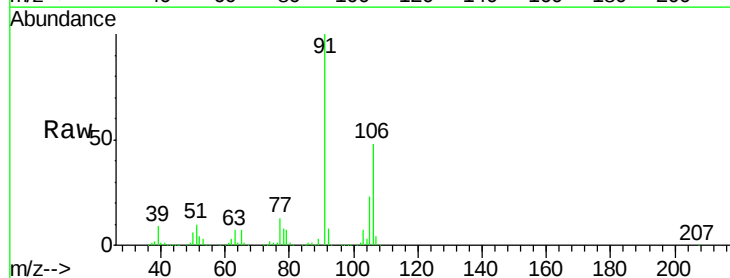
Acq: 21 Aug 2020 13:14

Tgt Ion: 106 Resp: 1174012

Ion Ratio Lower Upper

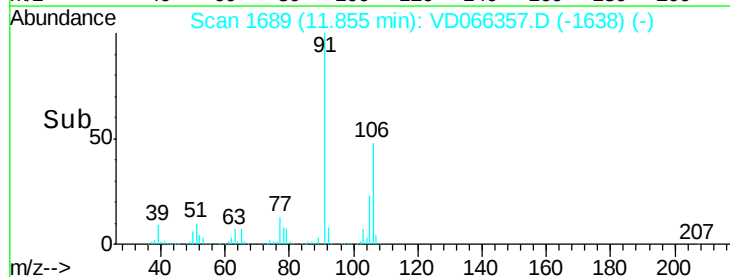
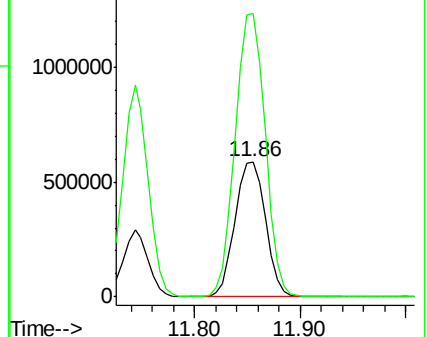
106 100

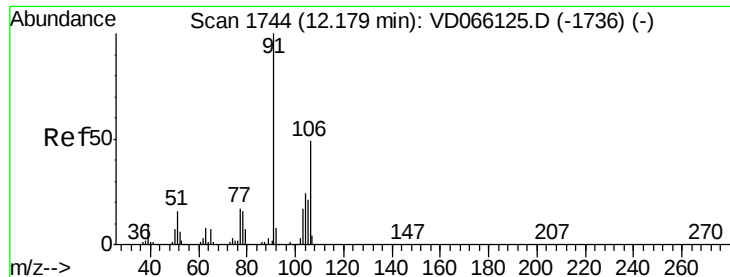
91 206.6 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

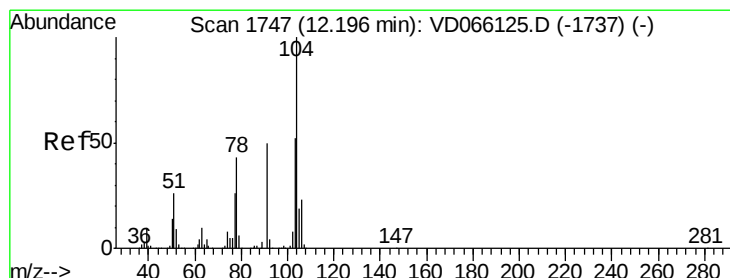
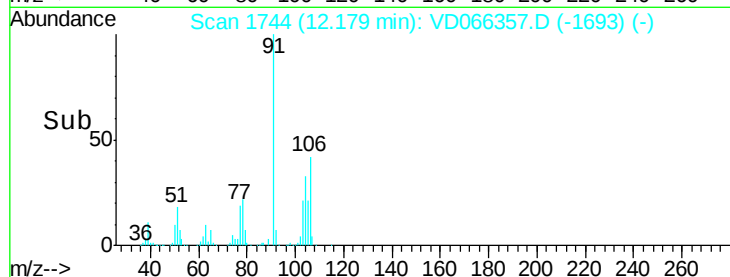
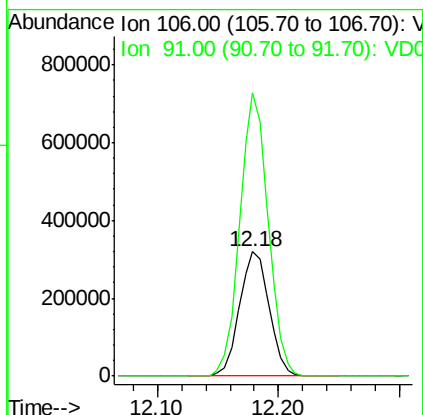
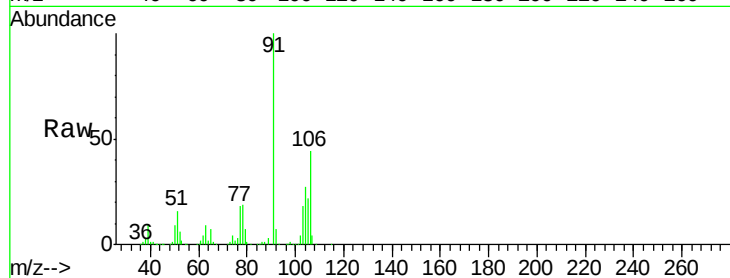




#69
o-Xylene
Concen: 143.539 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

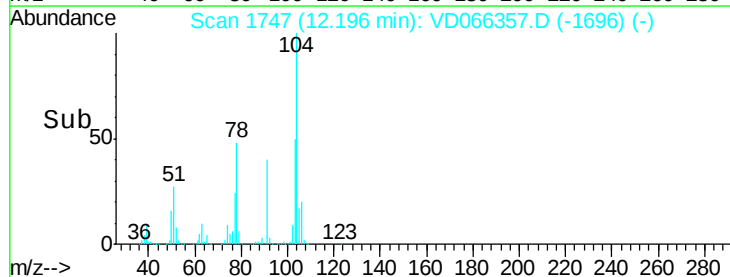
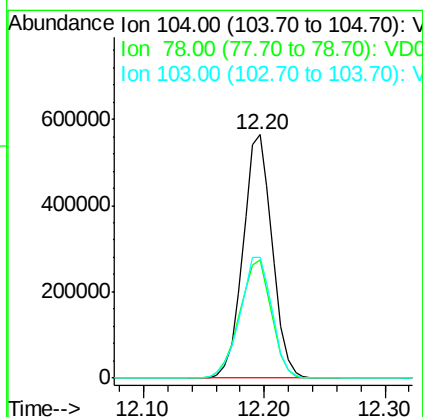
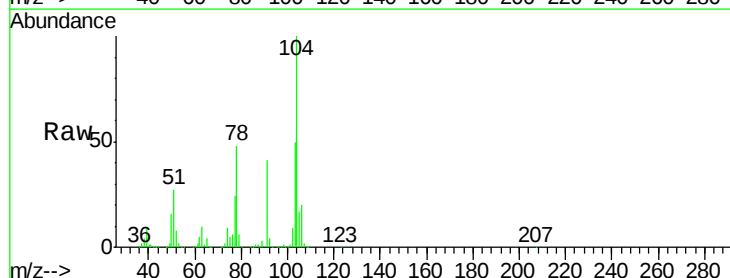
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

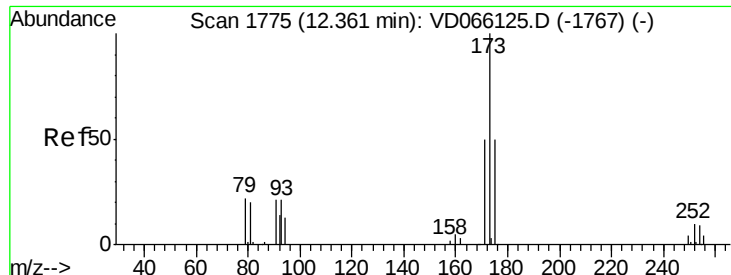
Tgt Ion:106 Resp: 548867
Ion Ratio Lower Upper
106 100
91 217.4 105.7 317.1



#70
Styrene
Concen: 141.404 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion:104 Resp: 947600
Ion Ratio Lower Upper
104 100
78 53.0 38.6 58.0
103 54.6 44.1 66.1





#71

Bromoform

Concen: 138.094 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

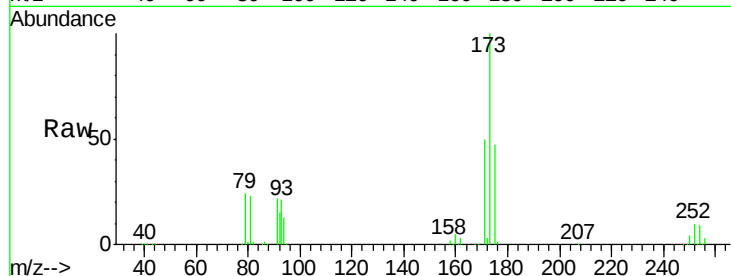
Tgt Ion:173 Resp: 200428

Ion Ratio Lower Upper

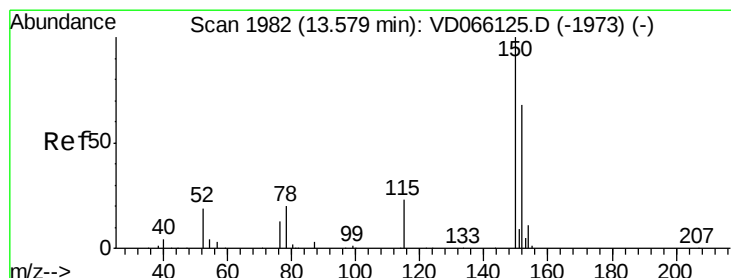
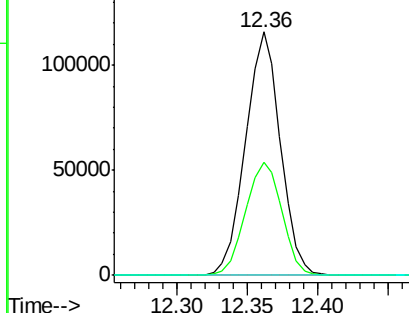
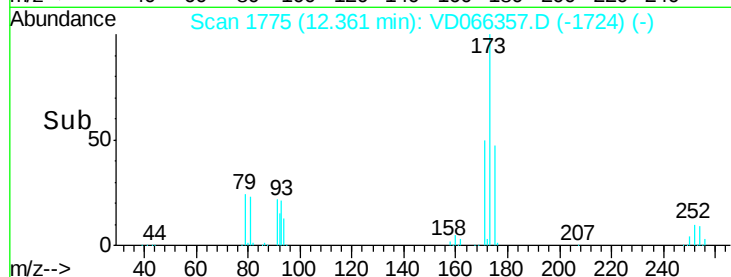
173 100

175 48.3 24.6 73.6

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

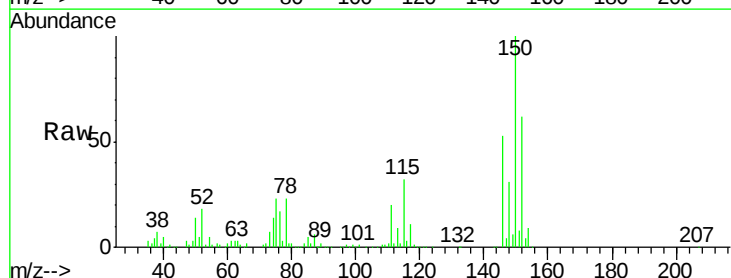
Tgt Ion:152 Resp: 156130

Ion Ratio Lower Upper

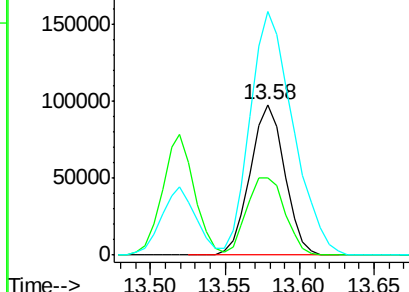
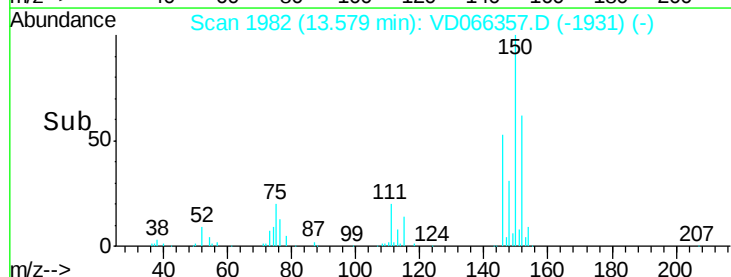
152 100

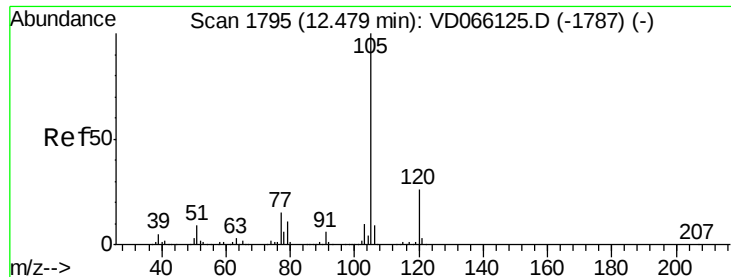
115 57.1 28.0 83.9

150 202.6 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 147.820 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

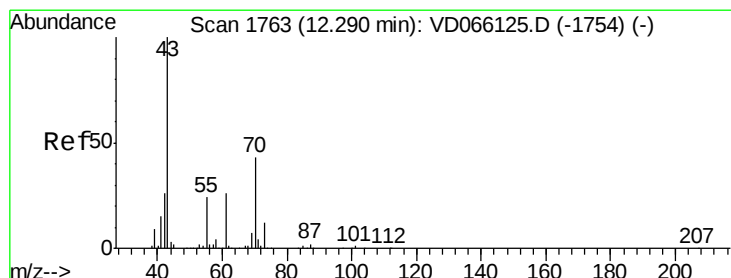
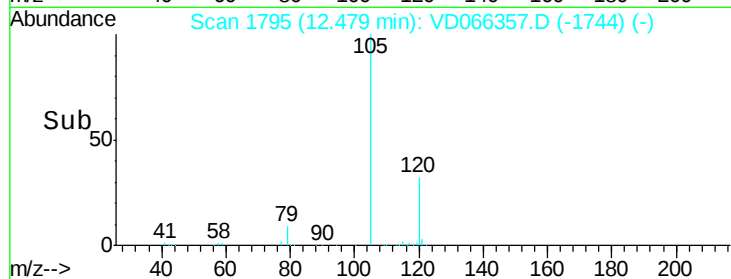
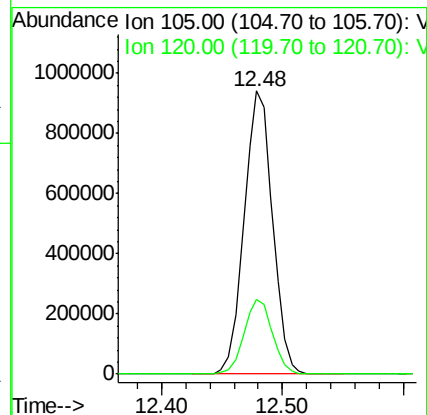
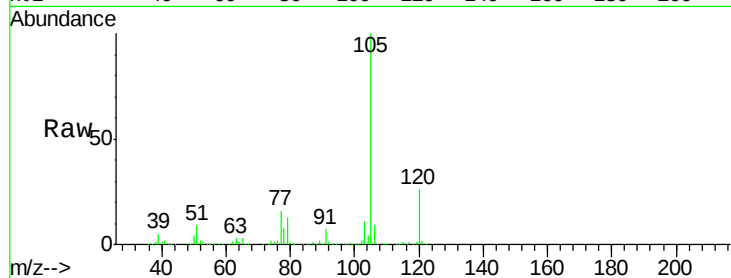
VSTDIC150

Tgt Ion:105 Resp: 1540582

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-ethyl acetate

Concen: 121.316 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Tgt Ion: 43 Resp: 278421

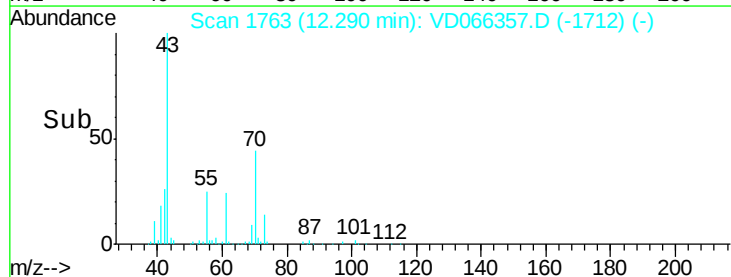
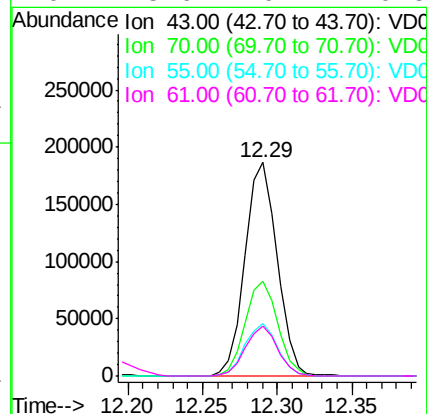
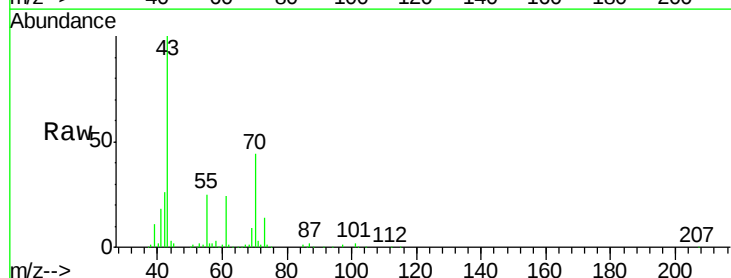
Ion Ratio Lower Upper

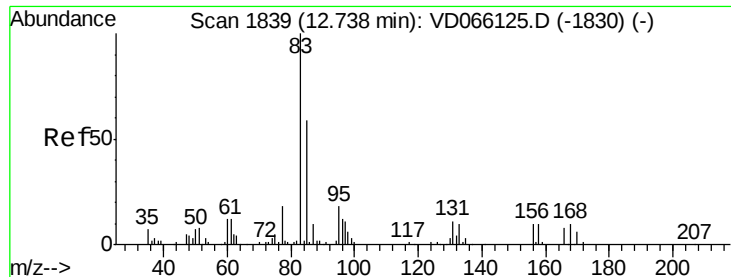
43 100

70 45.0 34.9 52.3

55 24.9 19.2 28.8

61 23.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 118.589 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

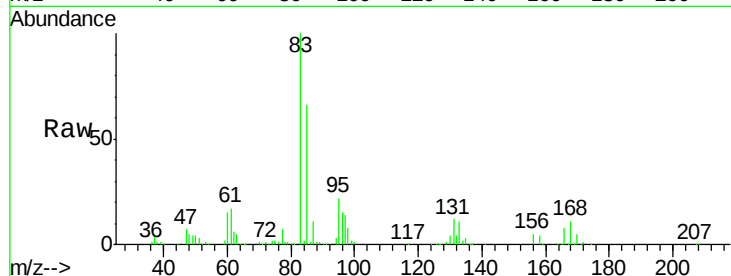
Tgt Ion: 83 Resp: 210749

Ion Ratio Lower Upper

83 100

131 13.8 6.2 18.6

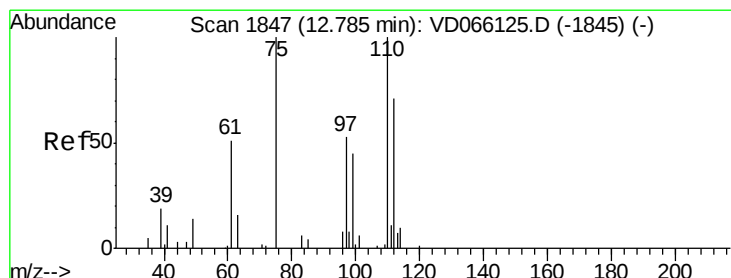
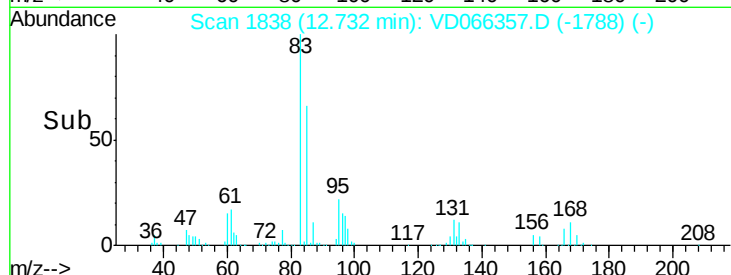
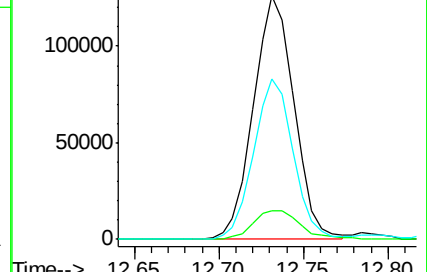
85 64.4 32.4 97.2



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: 235.839 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066357.D

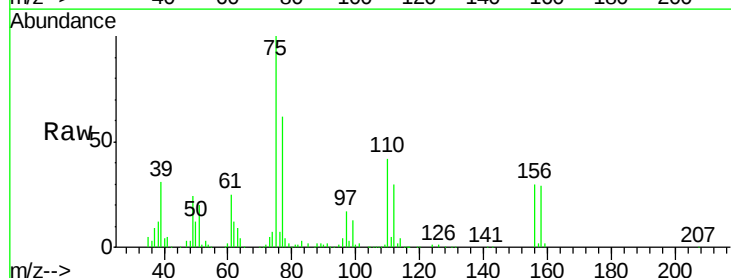
Acq: 21 Aug 2020 13:14

Tgt Ion: 75 Resp: 307065

Ion Ratio Lower Upper

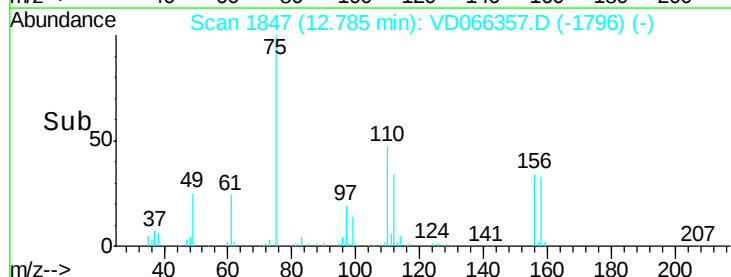
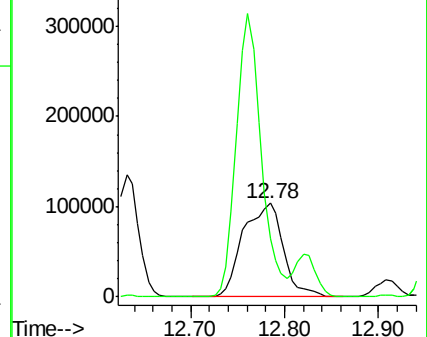
75 100

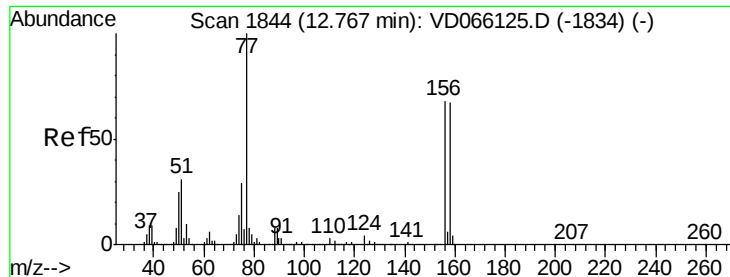
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 143.184 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

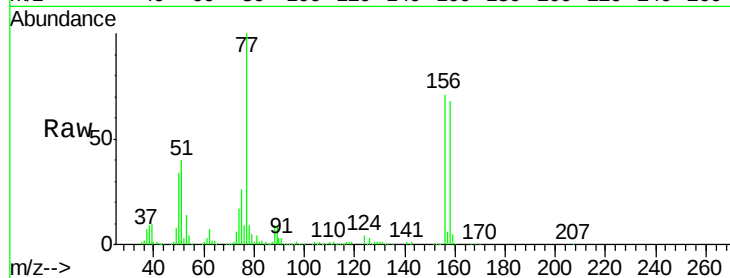
Tgt Ion:156 Resp: 384142

Ion Ratio Lower Upper

156 100

77 151.9 81.0 243.1

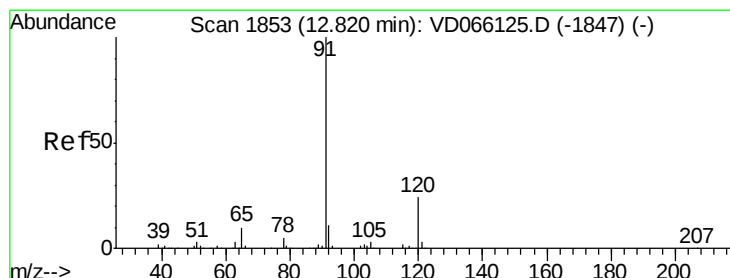
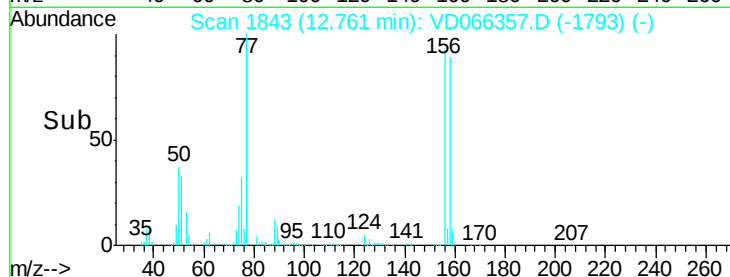
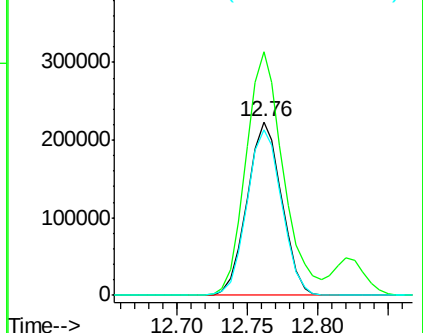
158 96.1 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 143.791 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066357.D

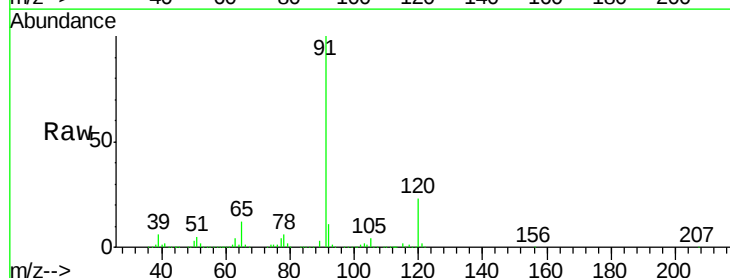
Acq: 21 Aug 2020 13:14

Tgt Ion: 91 Resp: 1742005

Ion Ratio Lower Upper

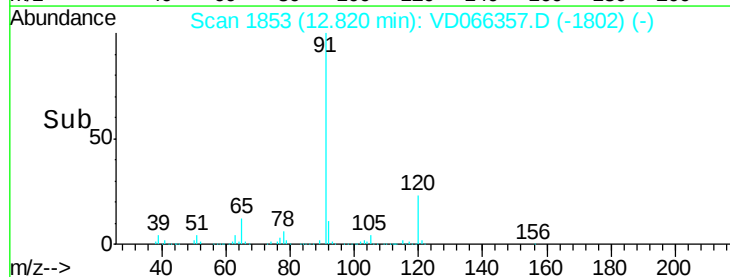
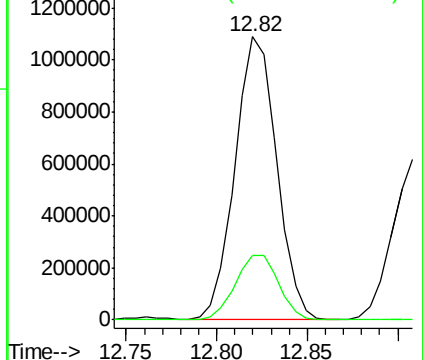
91 100

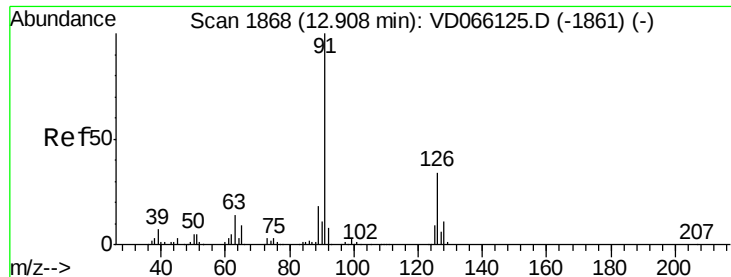
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 144.048 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

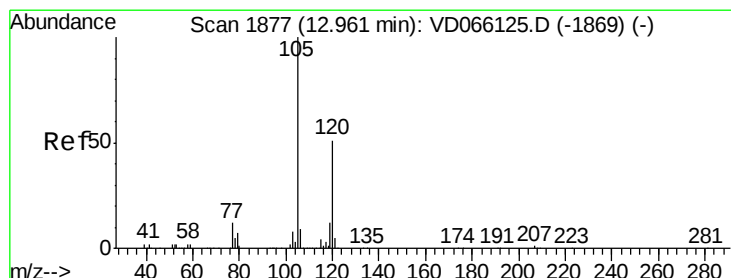
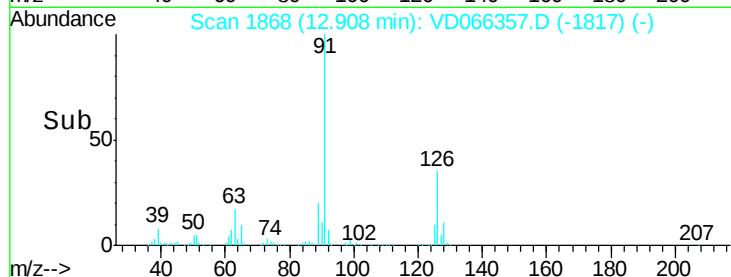
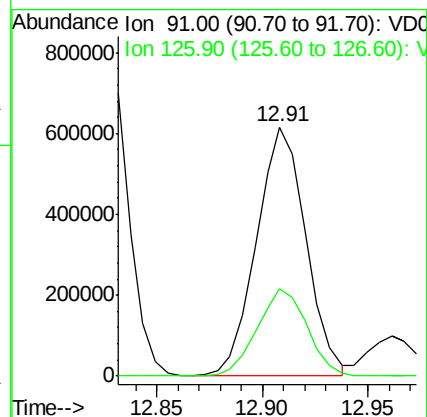
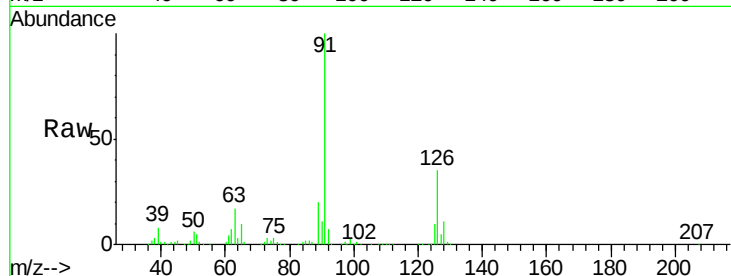
VSTDIC150

Tgt Ion: 91 Resp: 998100

Ion Ratio Lower Upper

91 100

126 35.5 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 151.694 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066357.D

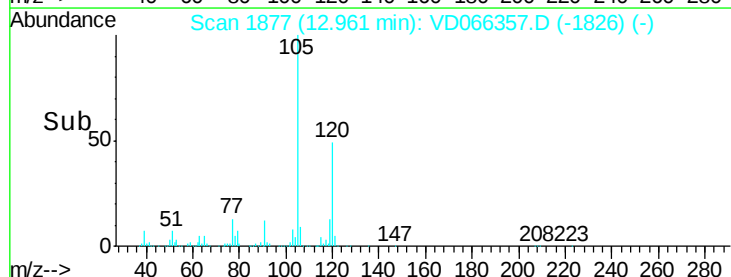
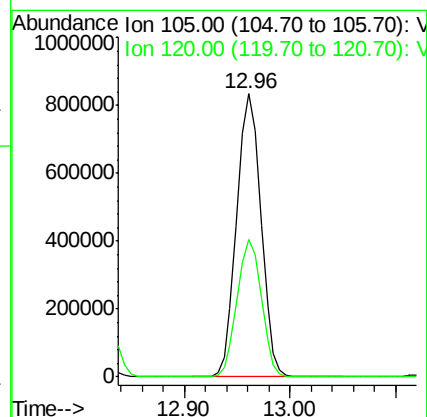
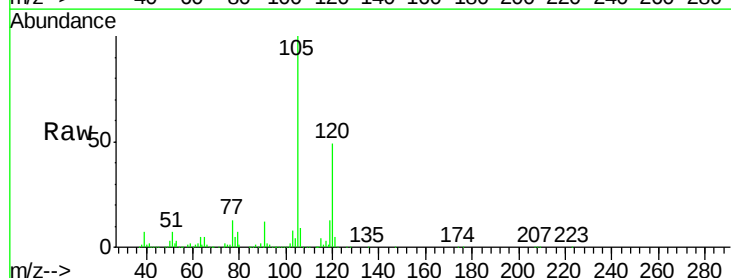
Acq: 21 Aug 2020 13:14

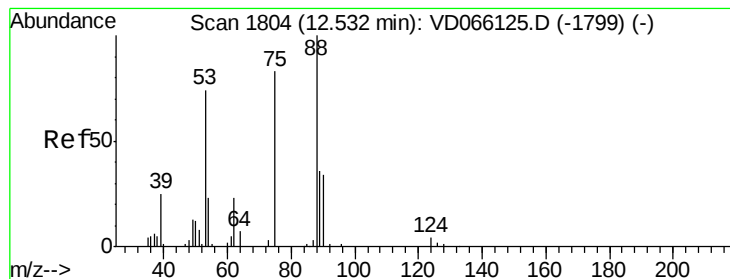
Tgt Ion: 105 Resp: 1322172

Ion Ratio Lower Upper

105 100

120 48.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 131.615 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

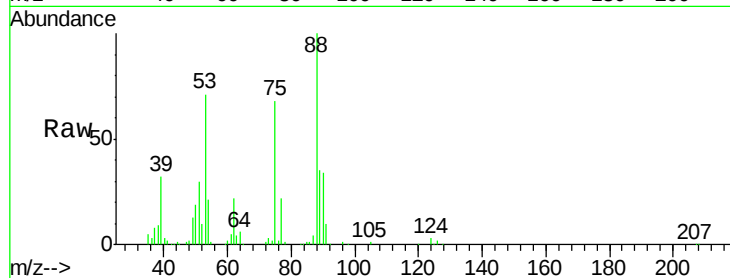
Tgt Ion: 75 Resp: 77521

Ion Ratio Lower Upper

75 100

53 107.0 73.4 110.2

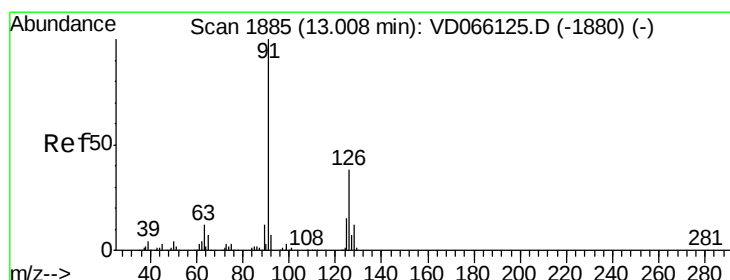
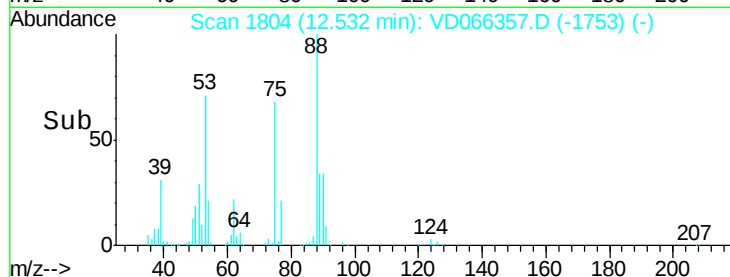
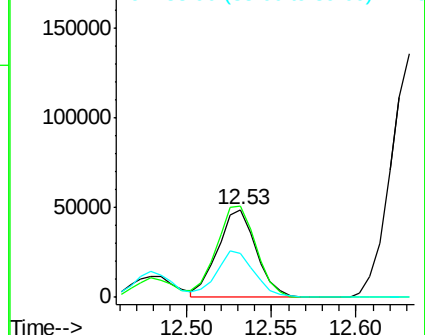
89 52.0 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 143.405 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066357.D

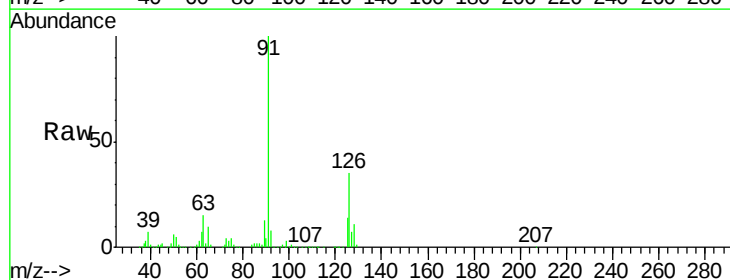
Acq: 21 Aug 2020 13:14

Tgt Ion: 91 Resp: 1048932

Ion Ratio Lower Upper

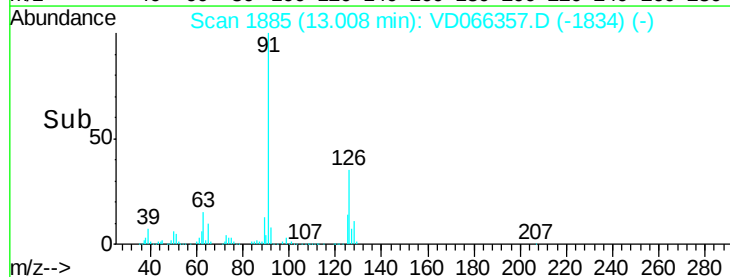
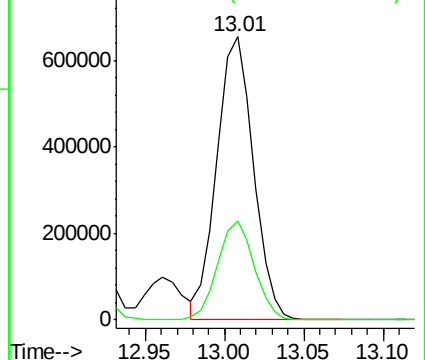
91 100

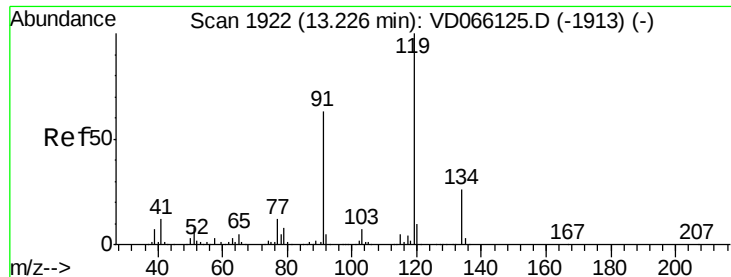
126 35.3 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

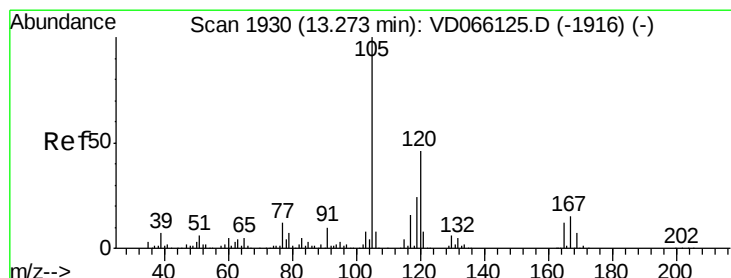
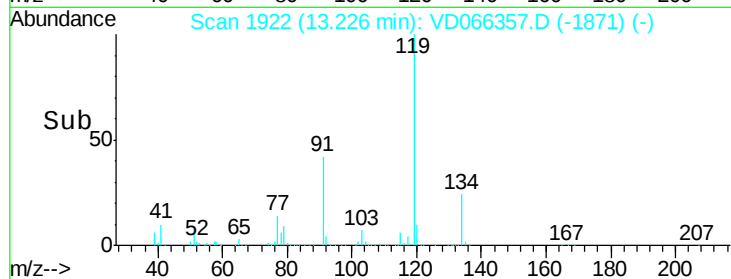
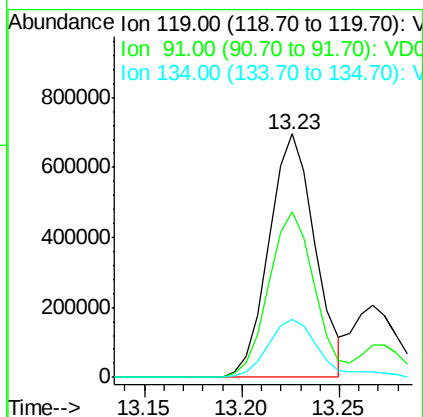
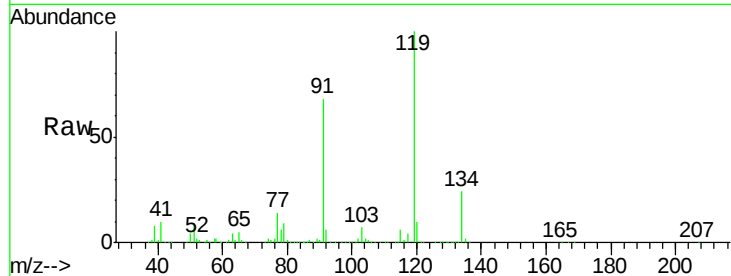




#83
 tert-Butylbenzene
 Concen: 148.285 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

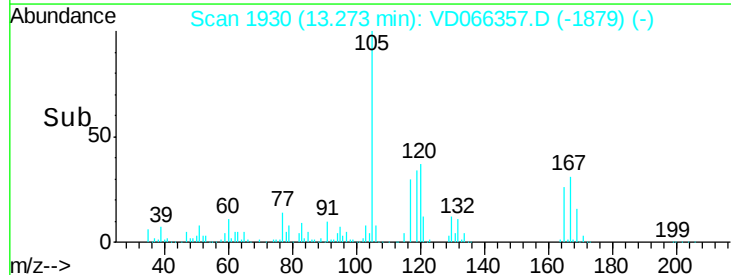
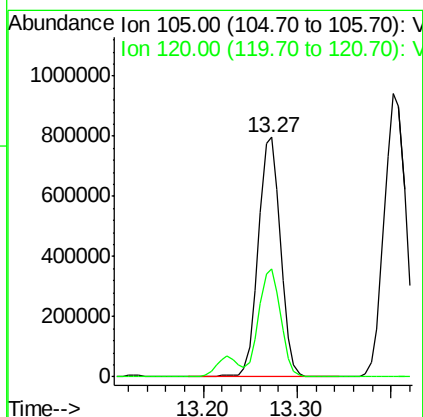
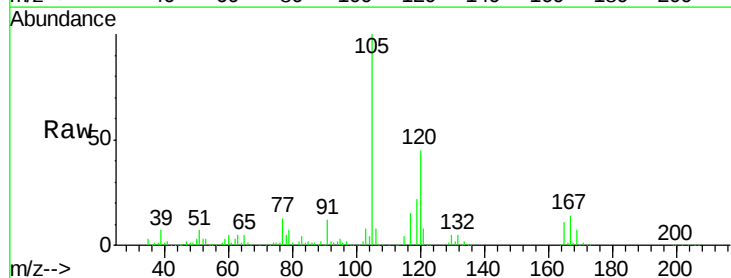
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

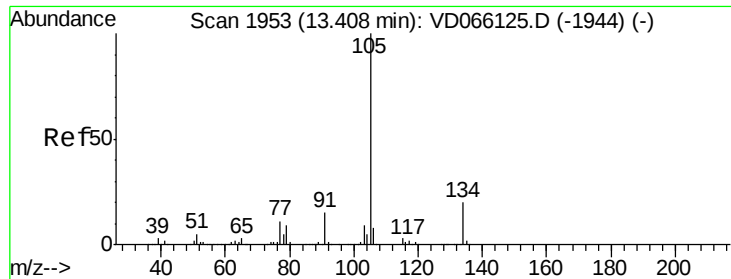
Tgt Ion:119 Resp: 1136640
 Ion Ratio Lower Upper
 119 100
 91 68.3 30.8 92.4
 134 26.9 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 149.372 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion:105 Resp: 1302937
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.1 69.2

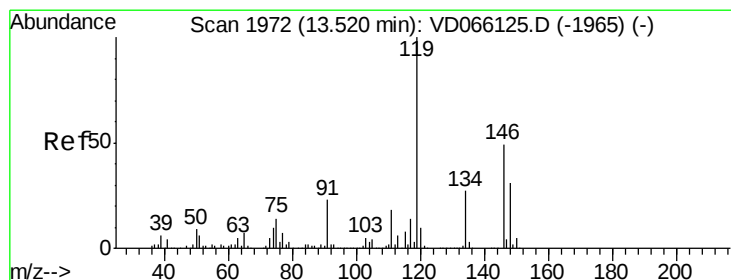
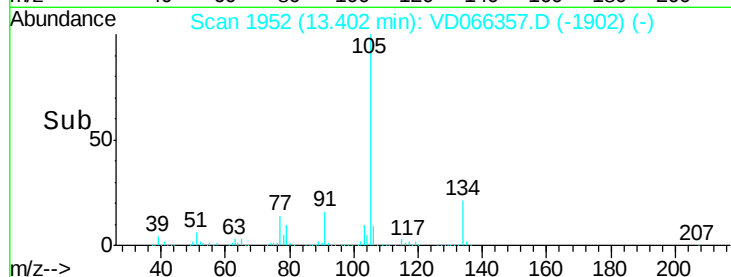
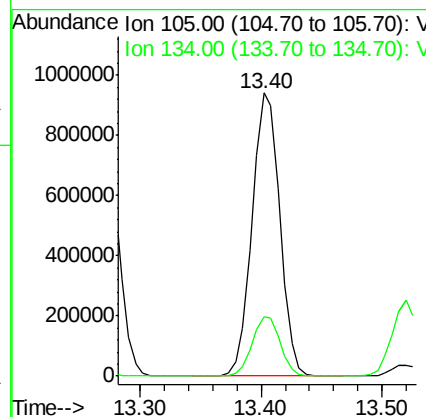
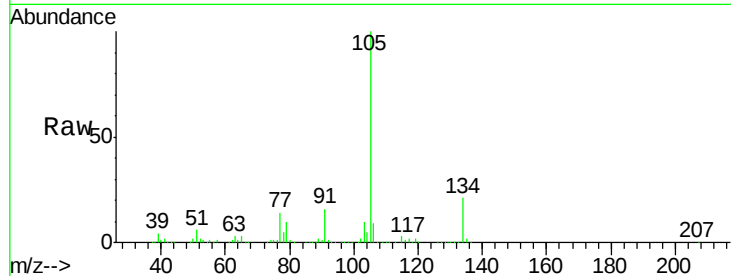




#85
 sec-Butylbenzene
 Concen: 146.198 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

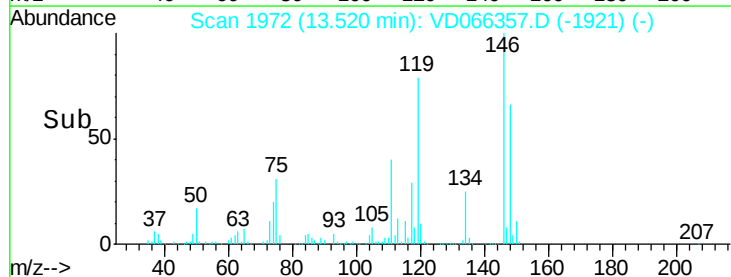
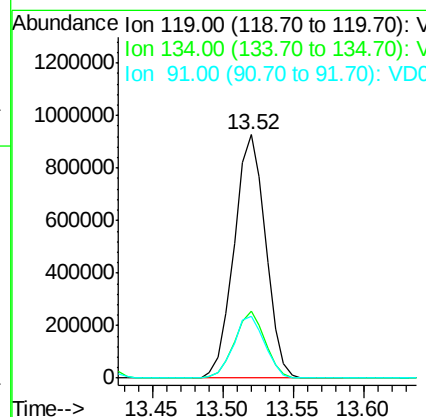
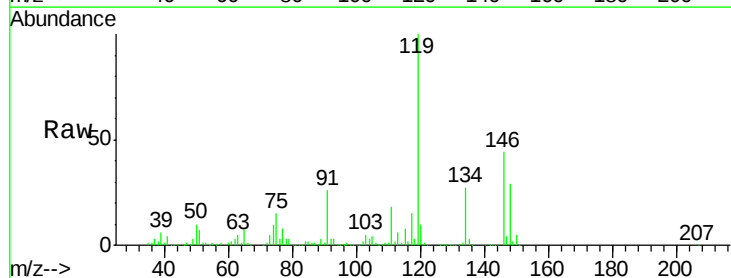
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

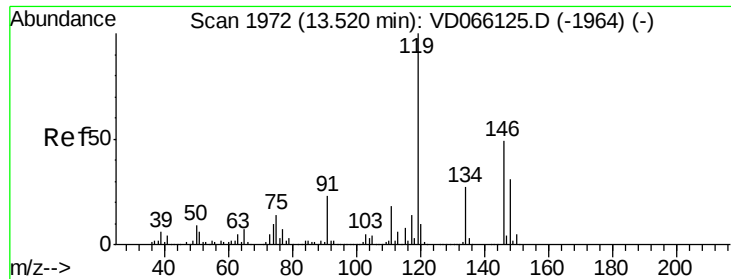
Tgt Ion:105 Resp: 1513011
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 148.011 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion:119 Resp: 1436666
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.4
 91 25.5 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 138.944 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

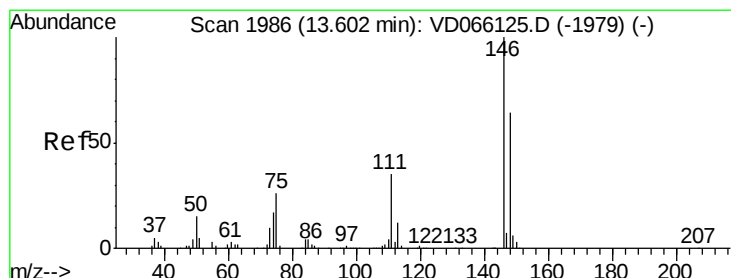
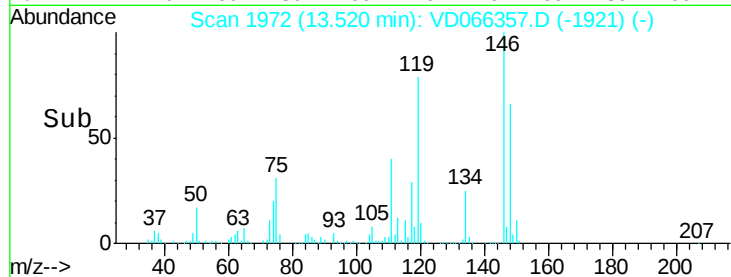
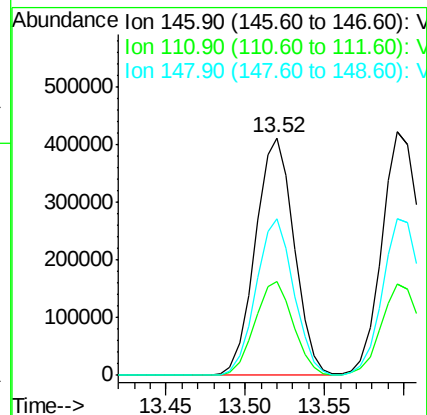
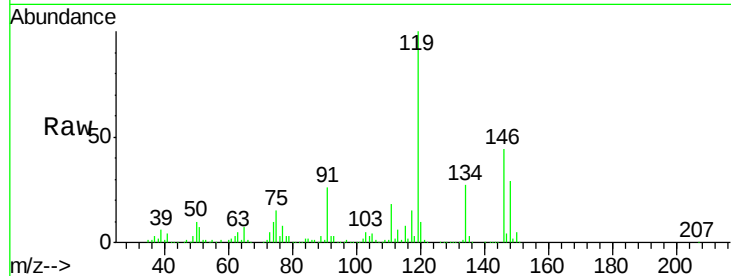
Tgt Ion:146 Resp: 700595

Ion Ratio Lower Upper

146 100

111 39.3 18.9 56.9

148 64.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 140.978 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

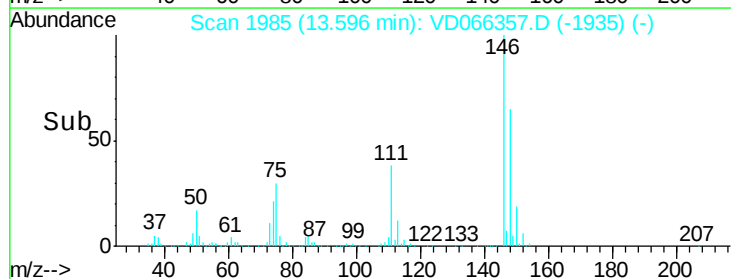
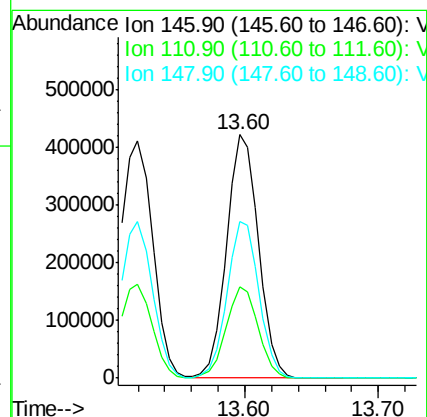
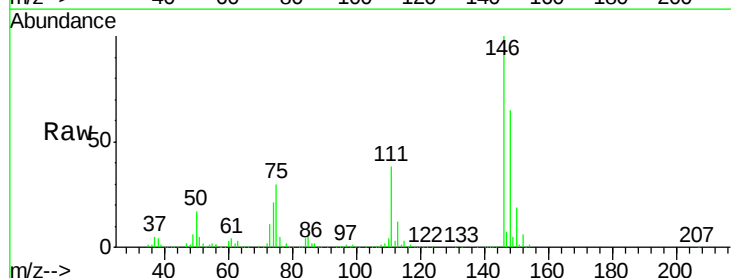
Tgt Ion:146 Resp: 708922

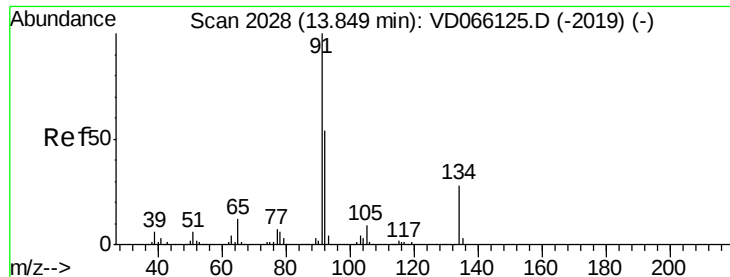
Ion Ratio Lower Upper

146 100

111 37.6 18.6 55.8

148 64.1 32.4 97.0

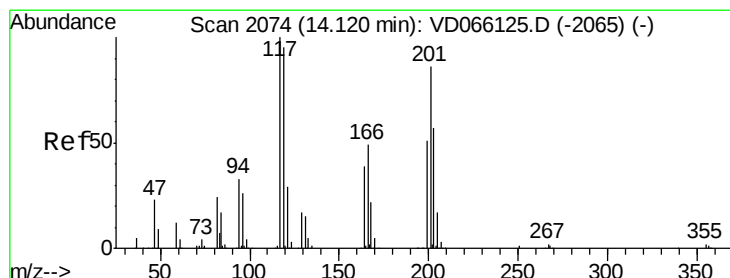
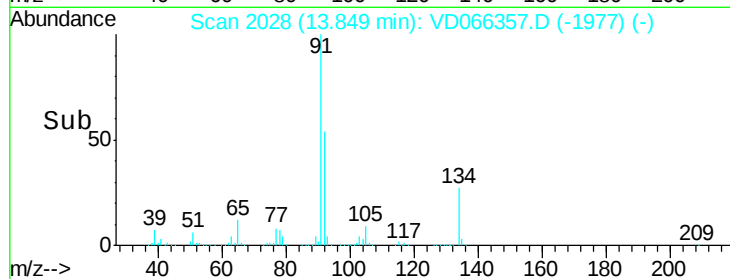
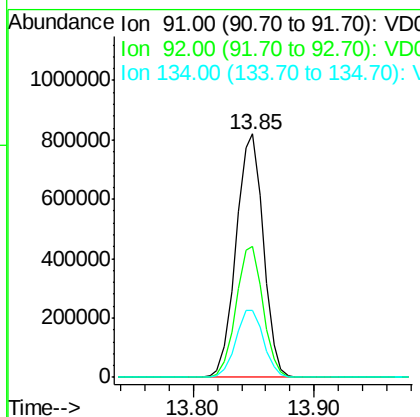
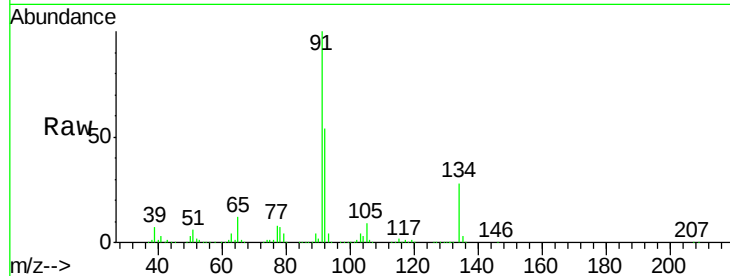




#89
n-Butylbenzene
Concen: 148.180 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

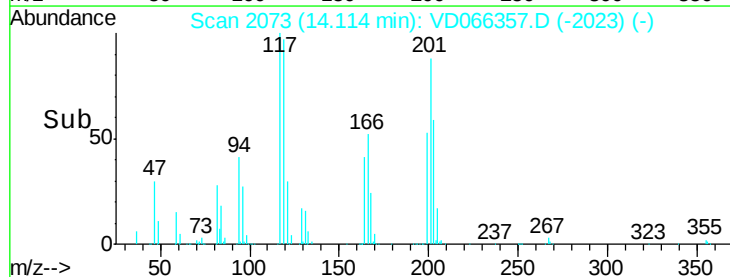
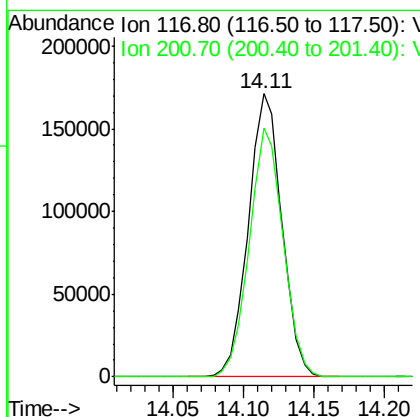
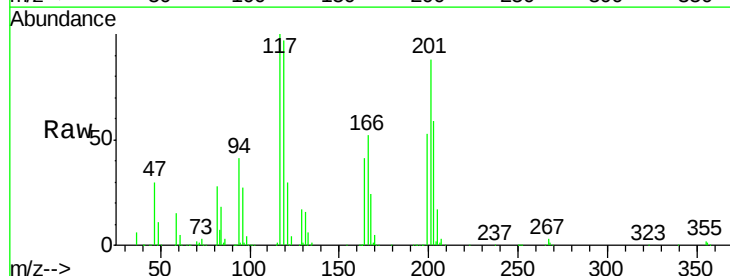
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

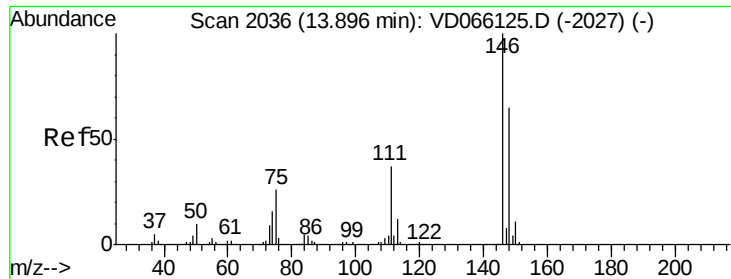
Tgt Ion: 91 Resp: 1288657
Ion Ratio Lower Upper
91 100
92 53.2 26.8 80.3
134 28.2 14.0 41.9



#90
Hexachloroethane
Concen: 147.755 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion: 117 Resp: 286034
Ion Ratio Lower Upper
117 100
201 88.5 42.7 128.1





#91

1,2-Dichlorobenzene

Concen: 138.842 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

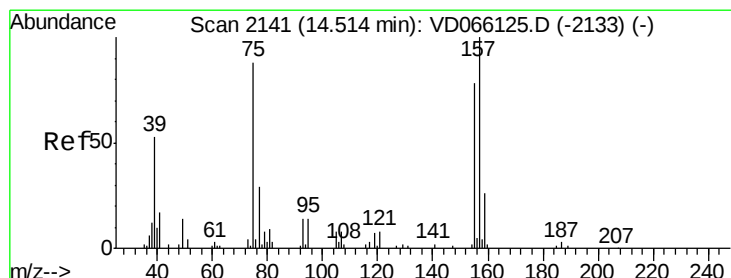
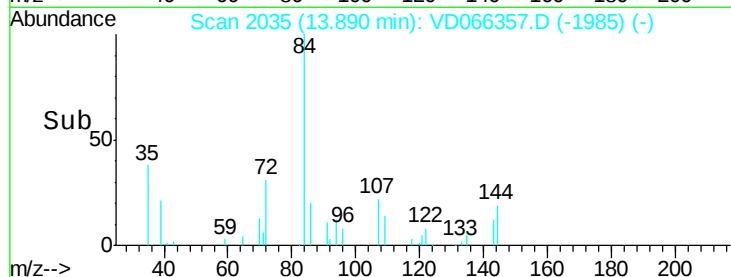
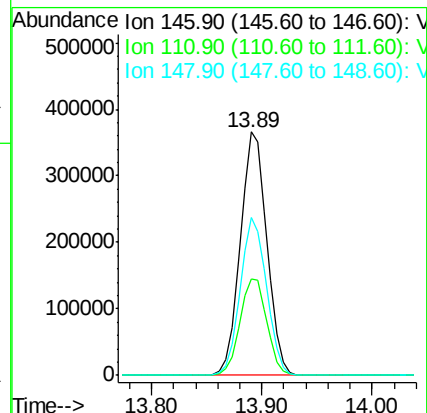
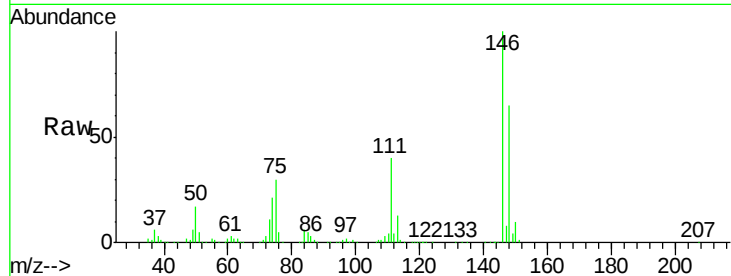
Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion:	146	Resp:	619137
Ion	Ratio	Lower	Upper
146	100		
111	40.3	18.8	56.3
148	64.2	31.9	95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 140.803 ug/l

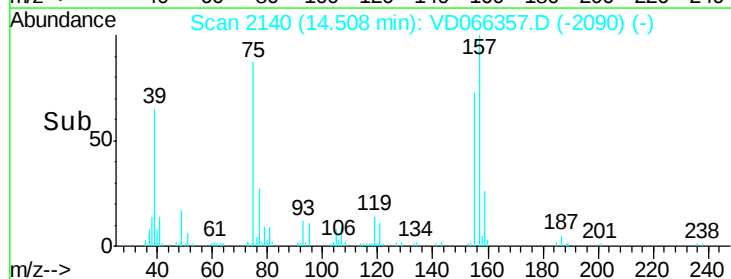
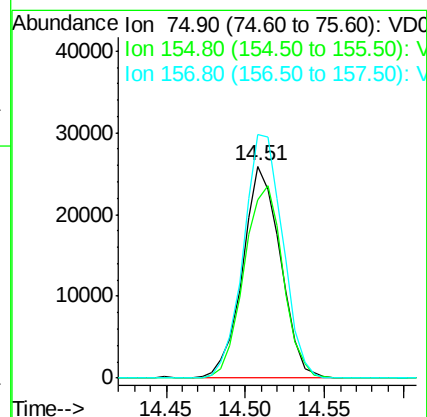
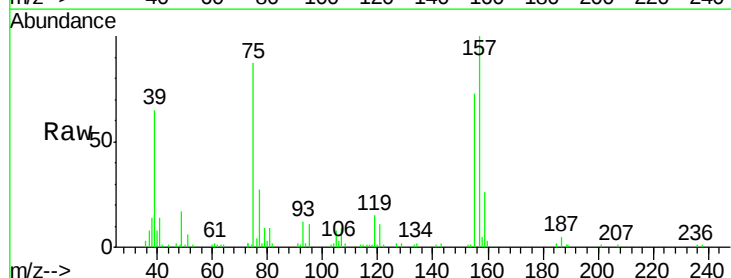
RT: 14.51 min Scan# 2140

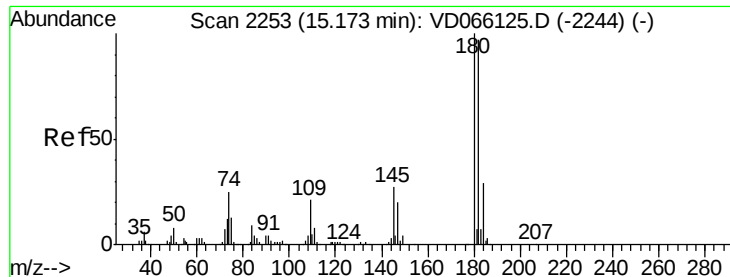
Delta R.T. -0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Tgt Ion:	75	Resp:	43006
Ion	Ratio	Lower	Upper
75	100		
155	93.3	47.7	143.1
157	119.0	62.1	186.2

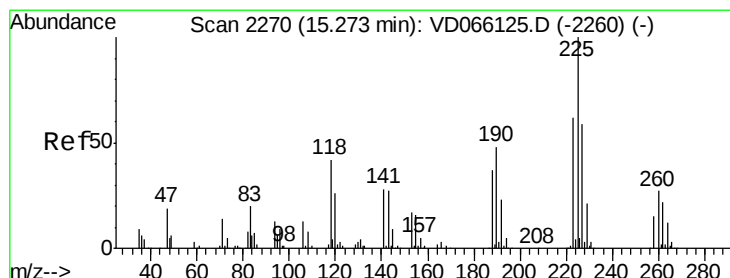
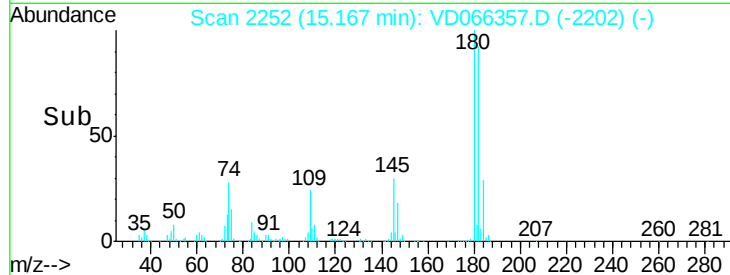
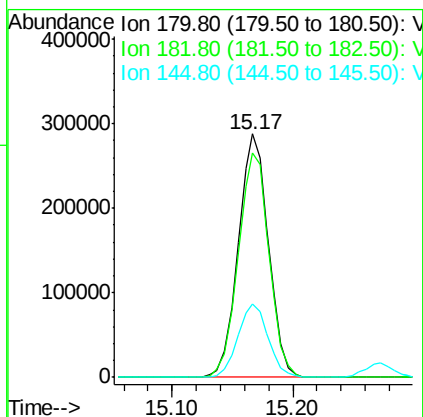
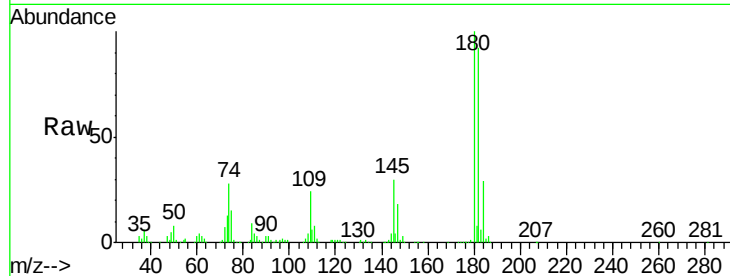




#93
 1,2,4-Trichlorobenzene
 Concen: 151.551 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

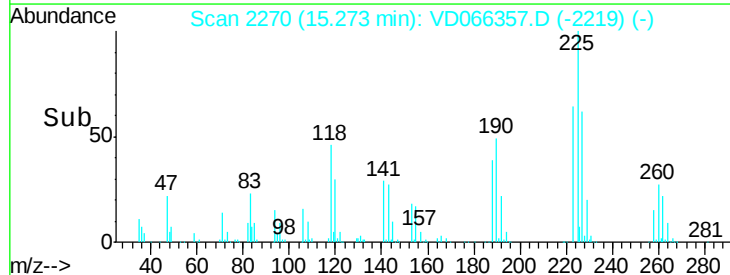
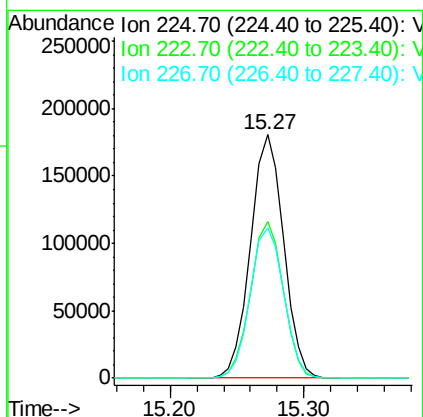
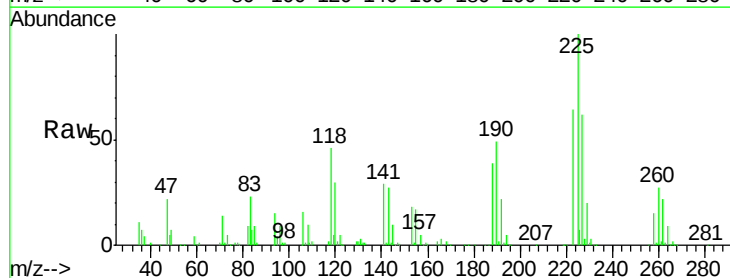
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

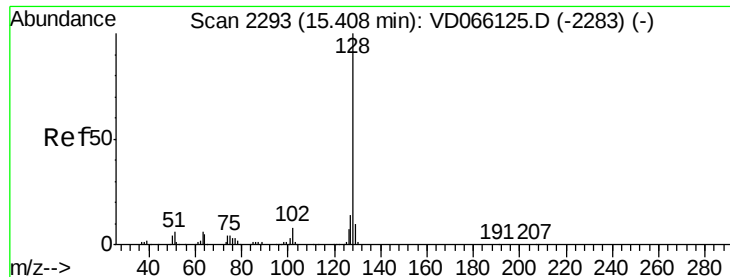
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.4	142.2
145	30.3	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 159.807 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.3	96.9
227	62.7	32.1	96.5

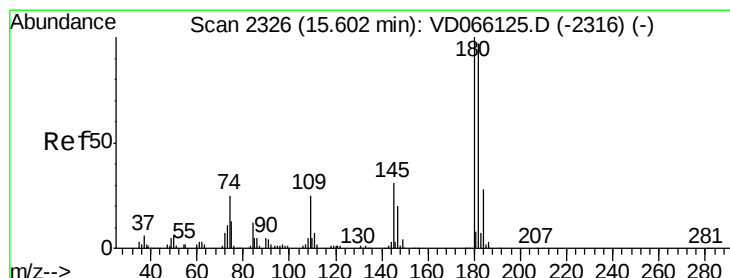
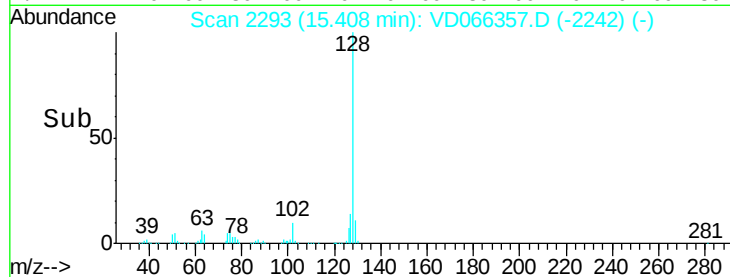
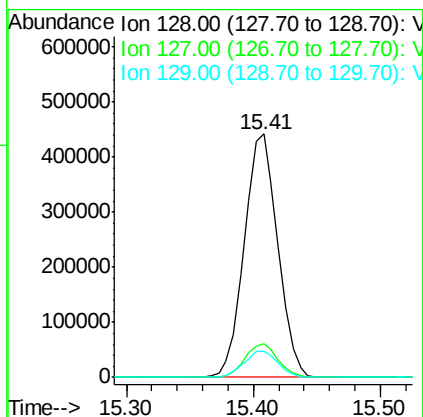
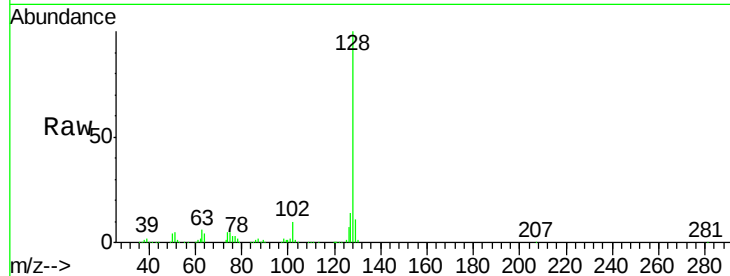




#95
Naphthalene
Concen: 151.374 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 810546
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 146.755 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion:180 Resp: 425733
Ion Ratio Lower Upper
180 100
182 94.4 47.1 141.4
145 31.9 14.9 44.9

