

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091520\
 Data File : VD066696.D
 Acq On : 15 Sep 2020 13:55
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Sep 15 16:20:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:17:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	400488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	674854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	603885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	274135	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	42496	9.95	ug/l	0.00
Spiked Amount			Recovery	=	19.90%	
35) Dibromofluoromethane	7.91	113	40762	9.85	ug/l	0.00
Spiked Amount			Recovery	=	19.70%	
50) Toluene-d8	10.34	98	135931	9.22	ug/l	0.00
Spiked Amount			Recovery	=	18.44%	
62) 4-Bromofluorobenzene	12.63	95	50887	10.00	ug/l	0.00
Spiked Amount			Recovery	=	20.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	40091	11.976	ug/l	95
3) Chloromethane	2.21	50	50394	11.563	ug/l	94
4) Vinyl Chloride	2.35	62	52731	11.561	ug/l	99
5) Bromomethane	2.77	94	38194	11.804	ug/l	94
6) Chloroethane	2.93	64	32316	11.373	ug/l #	83
7) Trichlorofluoromethane	3.27	101	88193	11.195	ug/l	97
8) Diethyl Ether	3.71	74	20845	10.566	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.10	101	48743	11.258	ug/l	98
10) Methyl Iodide	4.30	142	39676	9.658	ug/l #	97
11) Tert butyl alcohol	5.19	59	13652	31.668	ug/l #	76
12) 1,1-Dichloroethene	4.06	96	44839	11.189	ug/l	95
13) Acrolein	3.92	56	16140	53.557	ug/l	97
14) Allyl chloride	4.71	41	68907	10.707	ug/l	98
15) Acrylonitrile	5.42	53	46219	53.482	ug/l	99
16) Acetone	4.16	43	48971	56.279	ug/l	99
17) Carbon Disulfide	4.41	76	142128	11.287	ug/l	96
18) Methyl Acetate	4.71	43	20782	9.894	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	91640	10.267	ug/l	93
20) Methylene Chloride	4.97	84	70169	11.906	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	50470	10.810	ug/l	92
22) Diisopropyl ether	6.36	45	138929	10.624	ug/l #	97
23) Vinyl Acetate	6.31	43	372364	51.192	ug/l	98
24) 1,1-Dichloroethane	6.26	63	89570	10.794	ug/l	94
25) 2-Butanone	7.21	43	60827	53.684	ug/l	97
26) 2,2-Dichloropropane	7.21	77	81398	10.608	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	53707	10.515	ug/l	95
28) Bromochloromethane	7.54	49	34200	11.034	ug/l	98
29) Tetrahydrofuran	7.56	42	35593	51.343	ug/l	99
30) Chloroform	7.71	83	96881	10.970	ug/l	96
31) Cyclohexane	7.98	56	83904	11.116	ug/l #	83
32) 1,1,1-Trichloroethane	7.90	97	87110	10.779	ug/l	99
36) 1,1-Dichloropropene	8.11	75	72788	10.491	ug/l	99
37) Ethyl Acetate	7.29	43	29036	11.054	ug/l #	92
38) Carbon Tetrachloride	8.10	117	76703	10.410	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	81774	10.304	ug/l	92
40) Benzene	8.35	78	196715	10.480	ug/l	96
41) Methacrylonitrile	7.52	41	13533	10.641	ug/l #	62
42) 1,2-Dichloroethane	8.43	62	61809	10.628	ug/l	99
43) Isopropyl Acetate	8.44	43	50734	10.262	ug/l	100
44) Trichloroethene	9.11	130	53353	10.630	ug/l	94
45) 1,2-Dichloropropane	9.38	63	48676	10.489	ug/l	91
46) Dibromomethane	9.47	93	25844	10.135	ug/l	94
47) Bromodichloromethane	9.66	83	72594	10.447	ug/l #	99
48) Methyl methacrylate	9.45	41	26215	10.424	ug/l	96
49) 1,4-Dioxane	9.47	88	5559	203.508	ug/l #	80
51) 4-Methyl-2-Pentanone	10.23	43	132694	52.131	ug/l	96
52) Toluene	10.40	92	121764	10.126	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	61476	9.904	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	73119	9.917	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	35103	10.441	ug/l	95
56) Ethyl methacrylate	10.66	69	36752	9.633	ug/l	95
57) 1,3-Dichloropropane	10.94	76	60478	10.250	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	93491	55.793	ug/l	99
59) 2-Hexanone	10.98	43	84317	49.300	ug/l	98
60) Dibromochloromethane	11.14	129	44910	10.251	ug/l	95
61) 1,2-Dibromoethane	11.24	107	33937	10.523	ug/l	99
64) Tetrachloroethene	10.87	164	44958	10.906	ug/l	95
65) Chlorobenzene	11.67	112	130059	10.402	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	46340	10.045	ug/l	99
67) Ethyl Benzene	11.74	91	226109	9.984	ug/l	96
68) m/p-Xylenes	11.86	106	171511	20.038	ug/l	99
69) o-Xylene	12.18	106	74144	9.802	ug/l	99
70) Styrene	12.20	104	130444	9.798	ug/l	98
71) Bromoform	12.36	173	24210	10.457	ug/l #	100
73) Isopropylbenzene	12.48	105	204005	9.969	ug/l	99
74) N-amyl acetate	12.29	43	43657	10.113	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	37286	10.722	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	47956	20.670	ug/l #	100
77) Bromobenzene	12.76	156	48857	10.358	ug/l	92
78) n-propylbenzene	12.82	91	251380	10.077	ug/l	99
79) 2-Chlorotoluene	12.91	91	146172	10.362	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	173786	10.043	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	11858	10.906	ug/l	93
82) 4-Chlorotoluene	13.01	91	155282	10.411	ug/l	99
83) tert-Butylbenzene	13.23	119	140411	9.845	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	170345	9.851	ug/l	100
85) sec-Butylbenzene	13.40	105	207897	10.168	ug/l	98
86) p-Isopropyltoluene	13.52	119	186692	10.044	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	94305	10.421	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	95791	10.630	ug/l	97
89) n-Butylbenzene	13.84	91	176424	9.982	ug/l	97
90) Hexachloroethane	14.11	117	39771	10.415	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	81120	10.462	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5796	10.311	ug/l	91

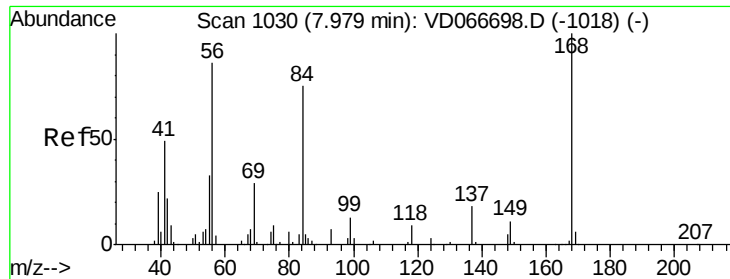
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD091520\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	46755	9.970	ug/l	97
94) Hexachlorobutadiene	15.27	225	28692	10.155	ug/l	98
95) Naphthalene	15.40	128	76471	9.333	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	40715	9.939	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

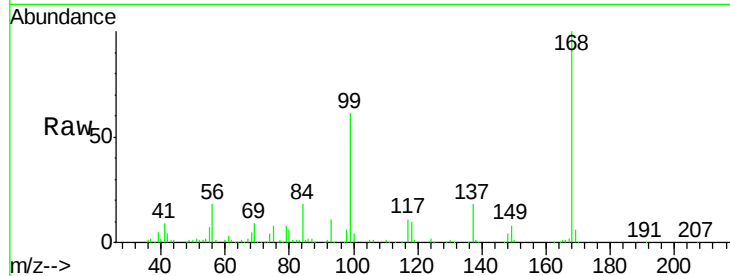
VSTDIC010

Tgt Ion:168 Resp: 400488

Ion Ratio Lower Upper

168 100

99 60.7 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

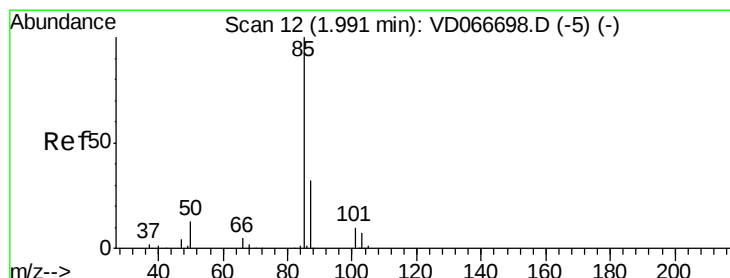
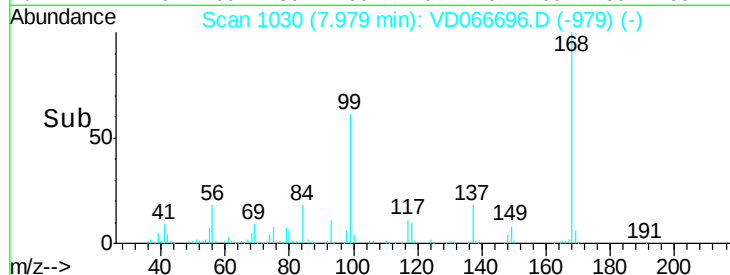
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 11.976 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD066696.D

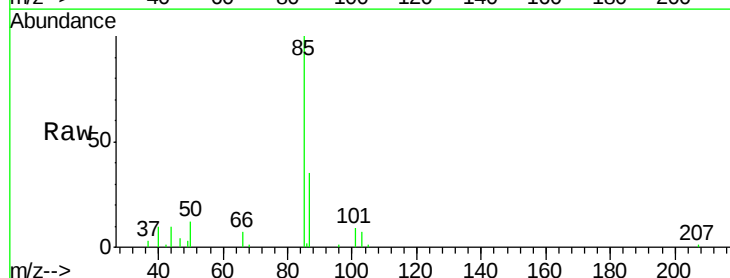
Acq: 15 Sep 2020 13:55

Tgt Ion: 85 Resp: 40091

Ion Ratio Lower Upper

85 100

87 34.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

30000

25000

20000

15000

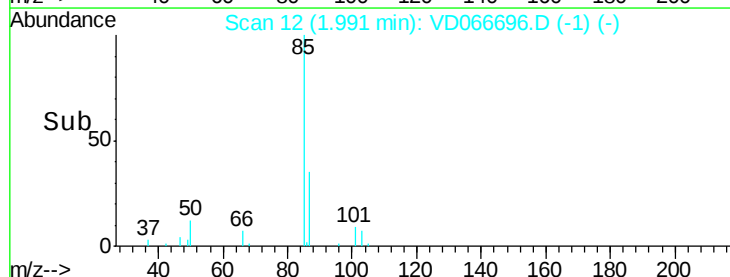
10000

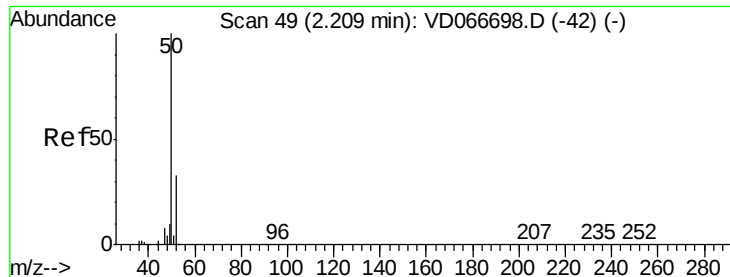
5000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 11.563 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

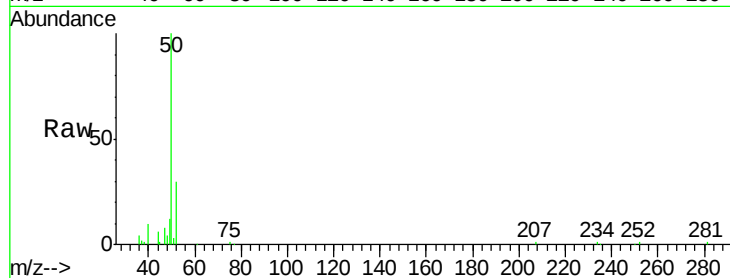
VSTDIC010

Tgt Ion: 50 Resp: 50394

Ion Ratio Lower Upper

50 100

52 30.2 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

40000

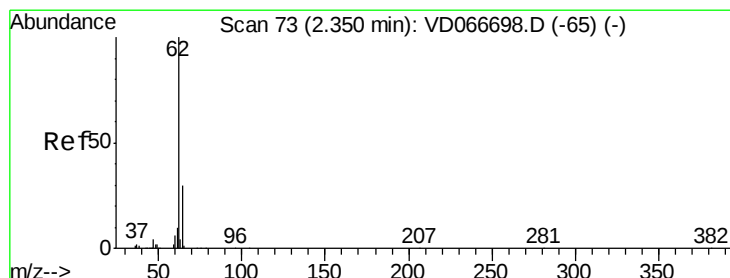
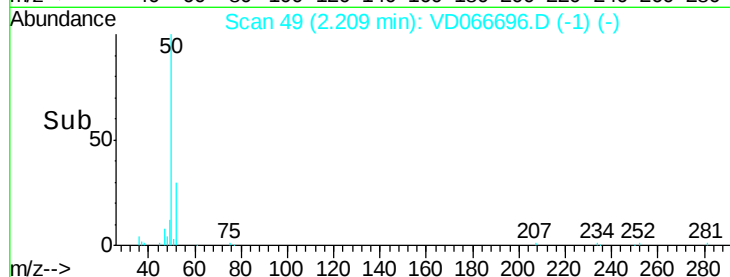
30000

20000

10000

0

Time--> 2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 11.561 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066696.D

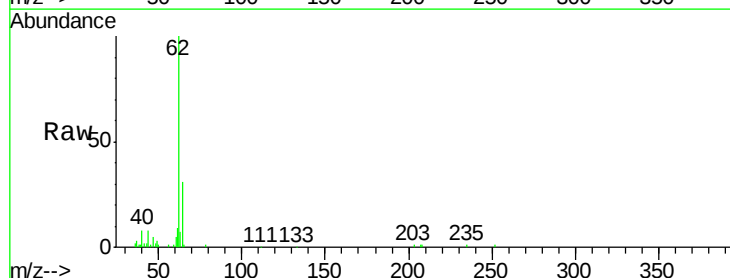
Acq: 15 Sep 2020 13:55

Tgt Ion: 62 Resp: 52731

Ion Ratio Lower Upper

62 100

64 31.0 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

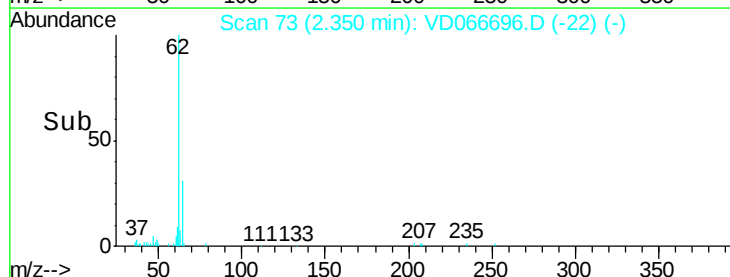
30000

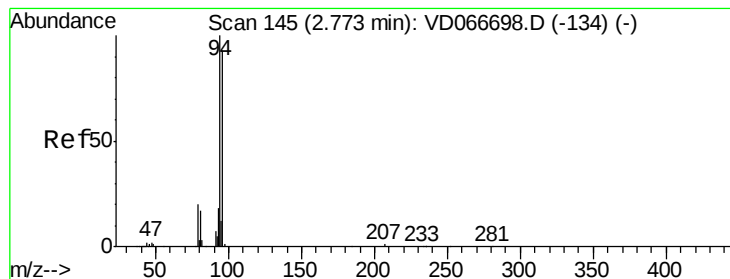
20000

10000

0

Time--> 2.30 2.35 2.40





#5

Bromomethane

Concen: 11.804 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

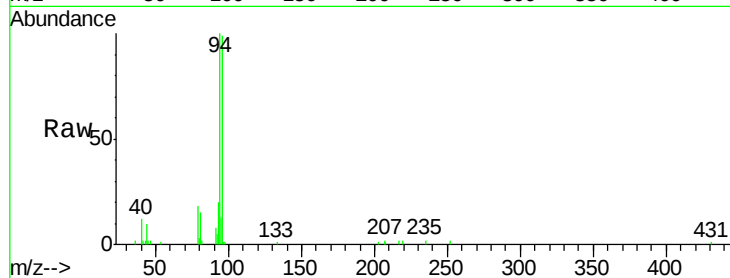
VSTDIC010

Tgt Ion: 94 Resp: 38194

Ion Ratio Lower Upper

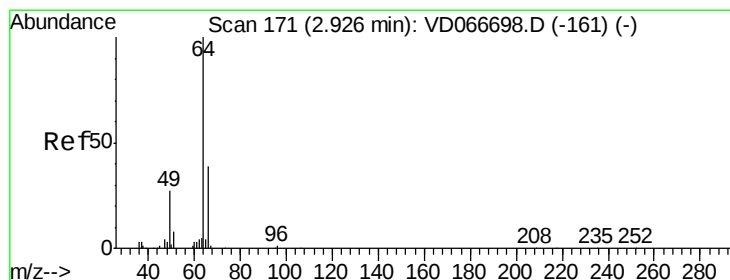
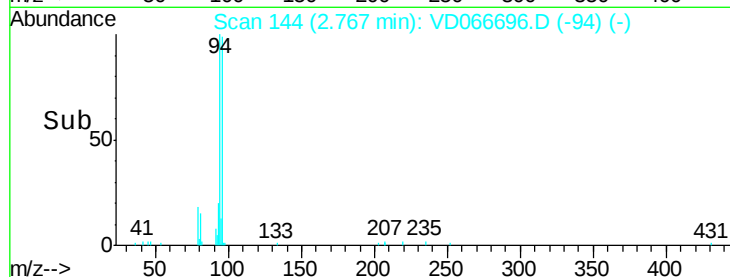
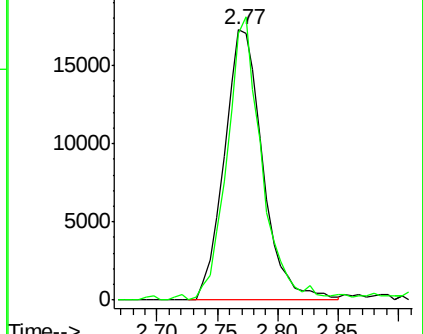
94 100

96 99.0 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 11.373 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD066696.D

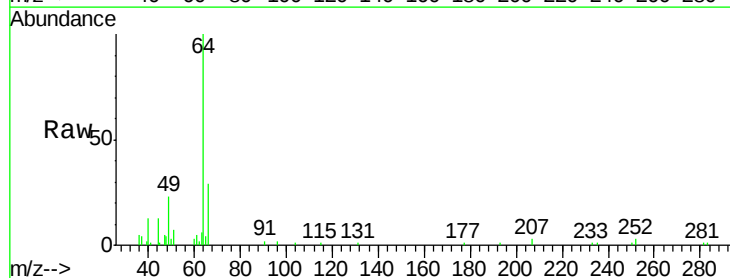
Acq: 15 Sep 2020 13:55

Tgt Ion: 64 Resp: 32316

Ion Ratio Lower Upper

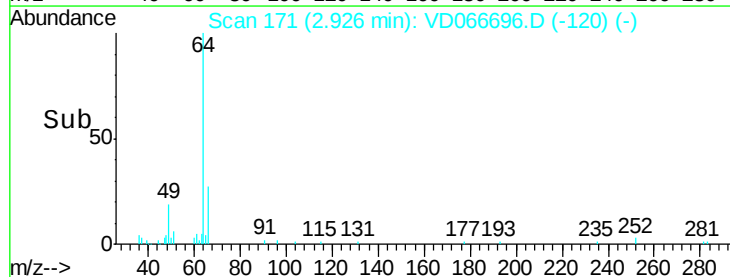
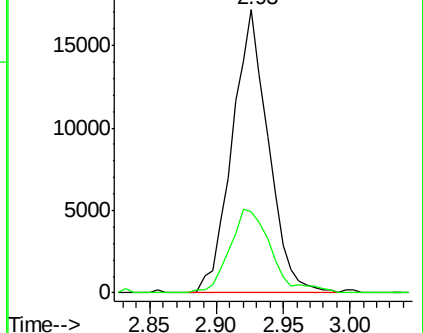
64 100

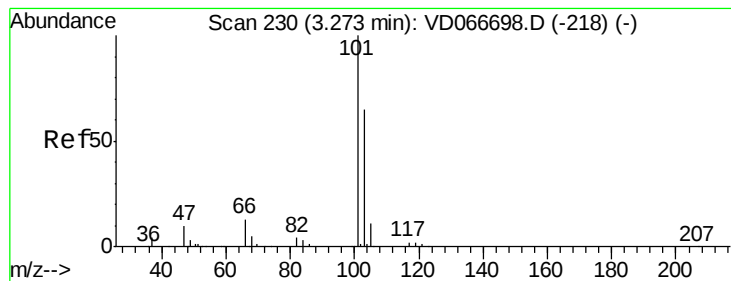
66 28.5 30.9 46.3#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 11.195 ug/l

RT: 3.27 min Scan# 230

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

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ClientSampleId :

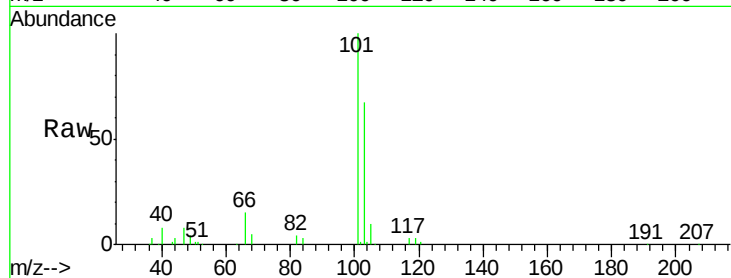
VSTDIC010

Tgt Ion:101 Resp: 88193

Ion Ratio Lower Upper

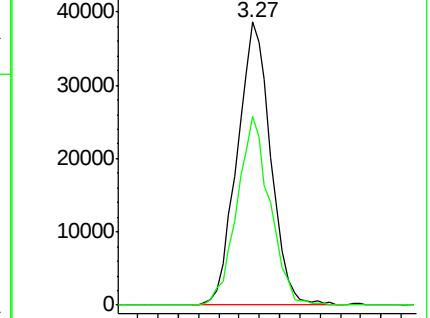
101 100

103 66.8 51.8 77.8

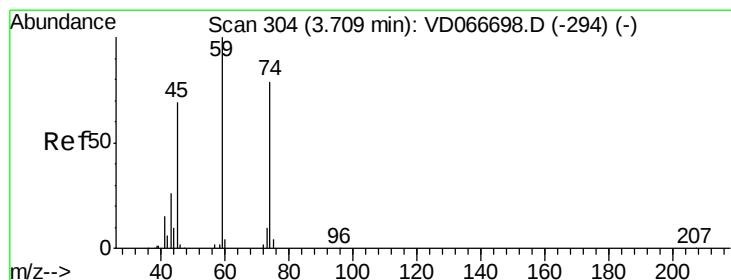
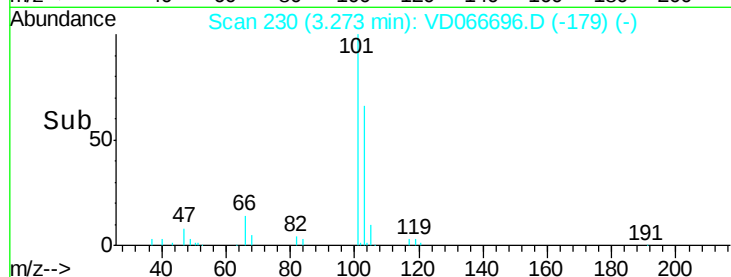


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



Time-->



#8

Diethyl Ether

Concen: 10.566 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD066696.D

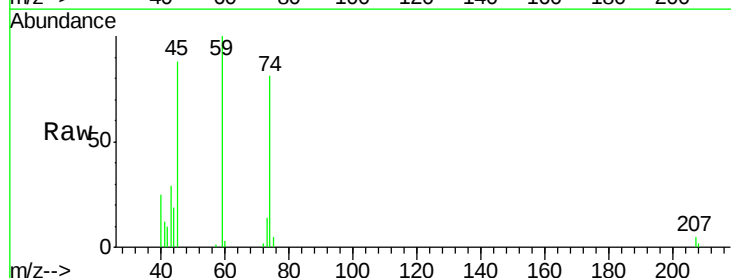
Acq: 15 Sep 2020 13:55

Tgt Ion: 74 Resp: 20845

Ion Ratio Lower Upper

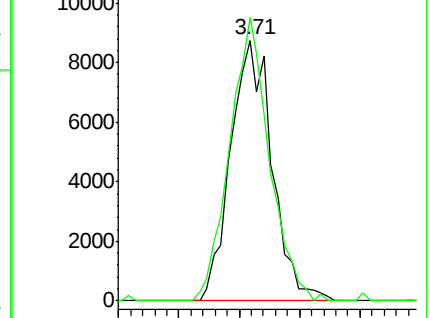
74 100

45 104.3 48.0 144.0

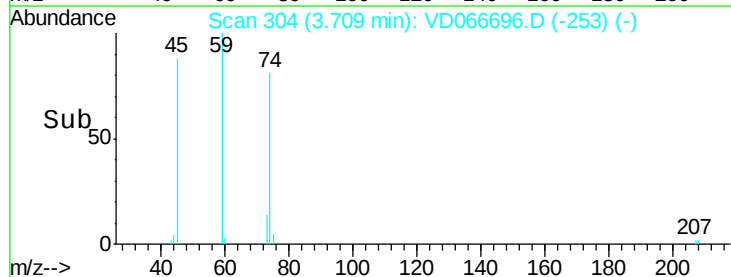


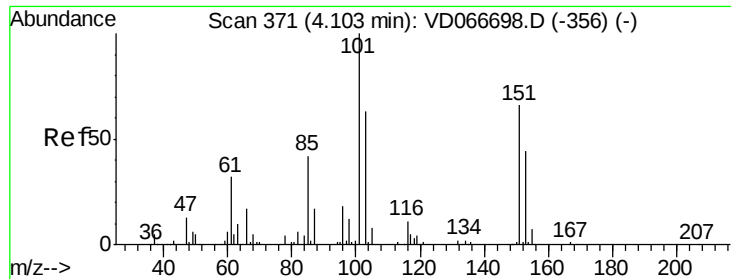
Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.258 ug/l

RT: 4.10 min Scan# 371

Delta R.T. -0.00 min

Lab File: VD066696.D

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ClientSampleId :

VSTDIC010

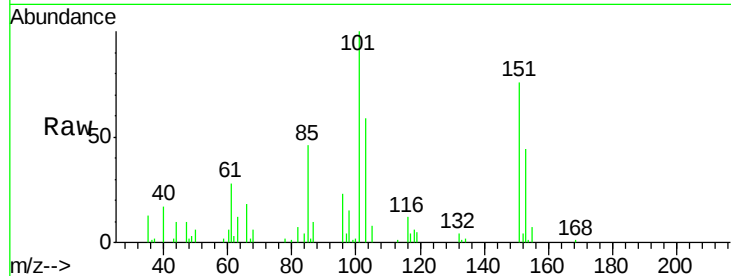
Tgt Ion:101 Resp: 48743

Ion Ratio Lower Upper

101 100

85 45.7 36.3 54.5

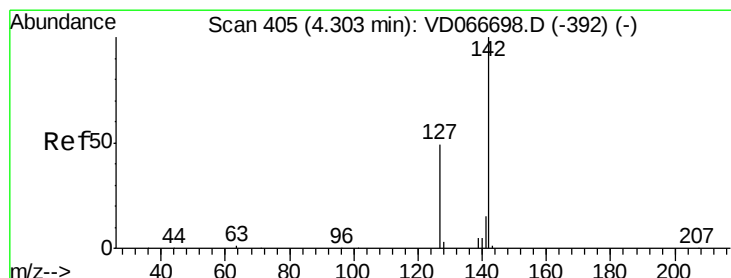
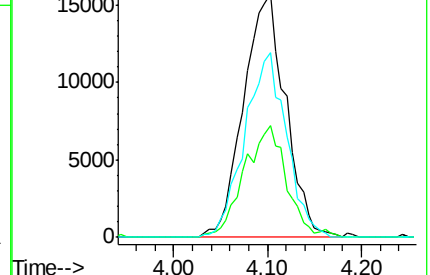
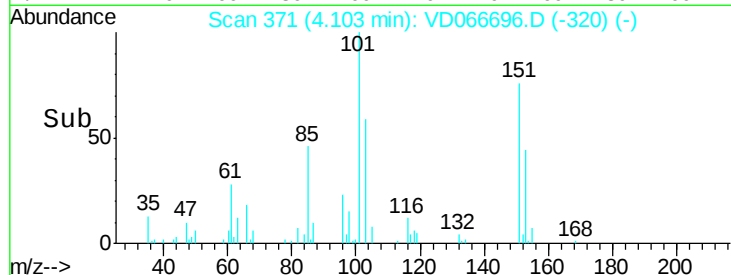
151 75.5 58.0 87.0



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: 9.658 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

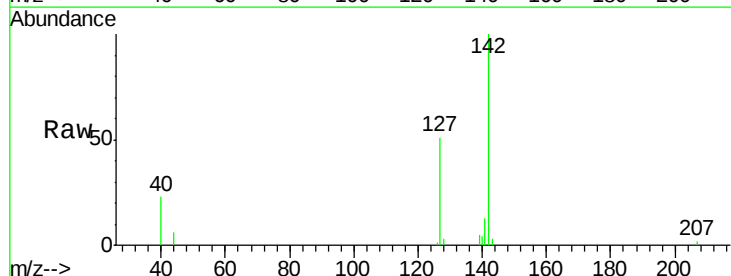
Tgt Ion:142 Resp: 39676

Ion Ratio Lower Upper

142 100

127 48.4 39.0 58.4

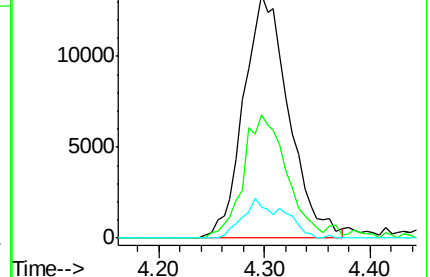
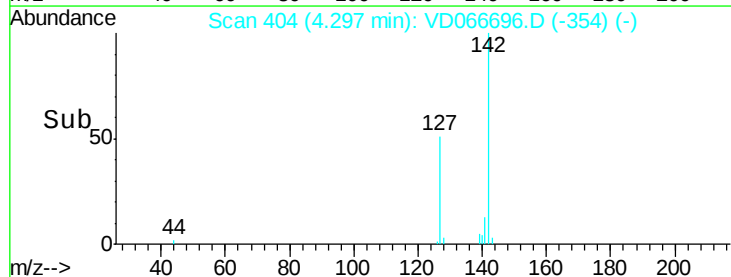
141 9.6 11.7 17.5#

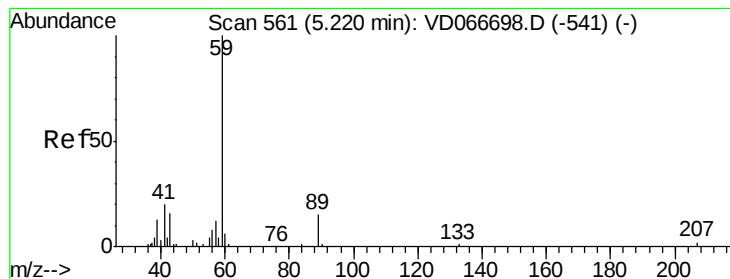


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 31.668 ug/l

RT: 5.19 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

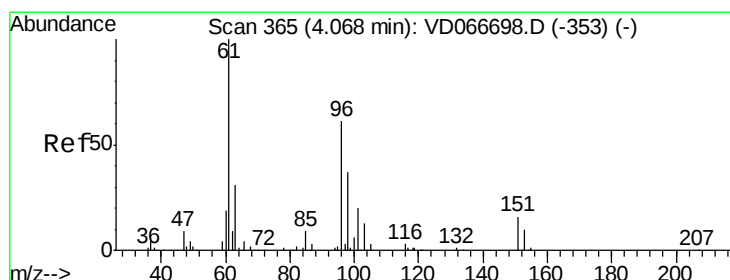
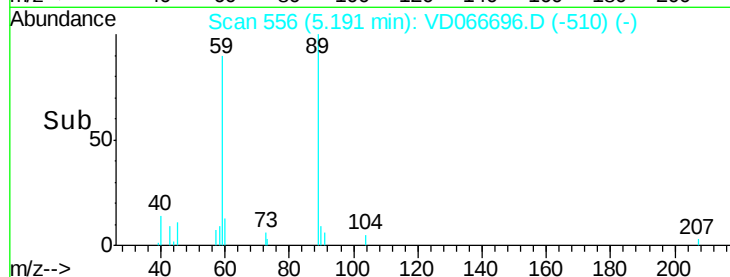
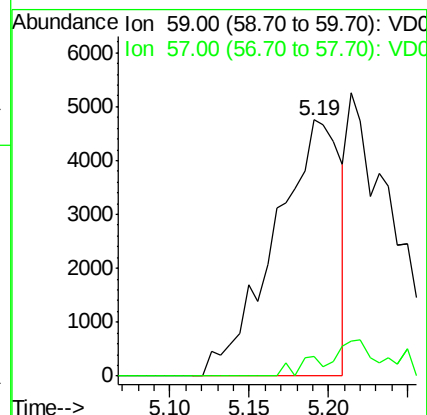
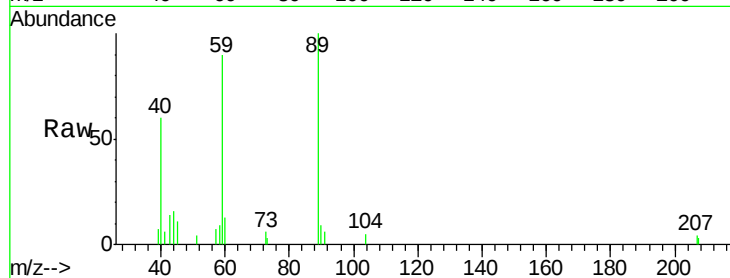
VSTDIC010

Tgt Ion: 59 Resp: 13652

Ion Ratio Lower Upper

59 100

57 0.0 6.7 10.1#



#12

1,1-Dichloroethene

Concen: 11.189 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

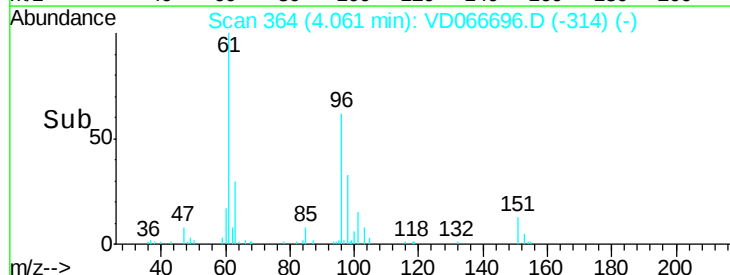
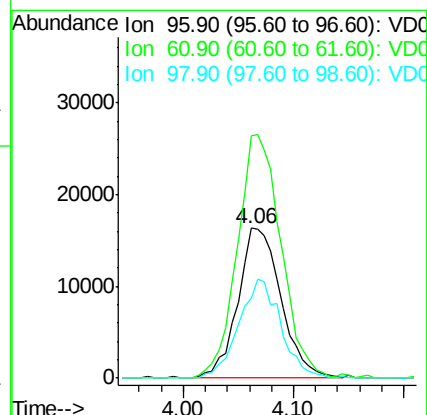
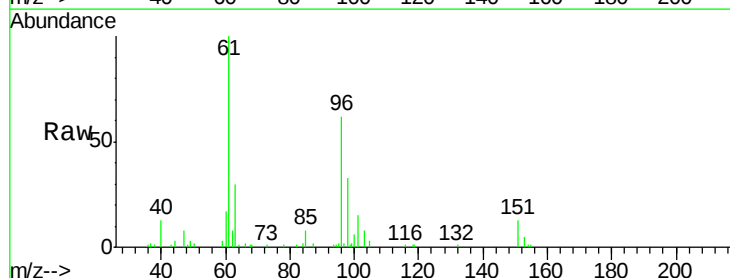
Tgt Ion: 96 Resp: 44839

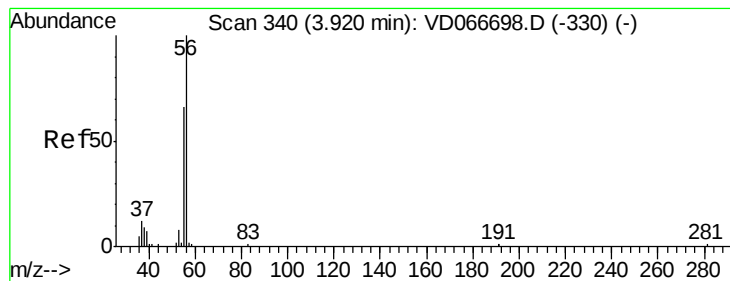
Ion Ratio Lower Upper

96 100

61 161.6 131.9 197.9

98 53.6 49.1 73.7





#13

Acrolein

Concen: 53.557 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

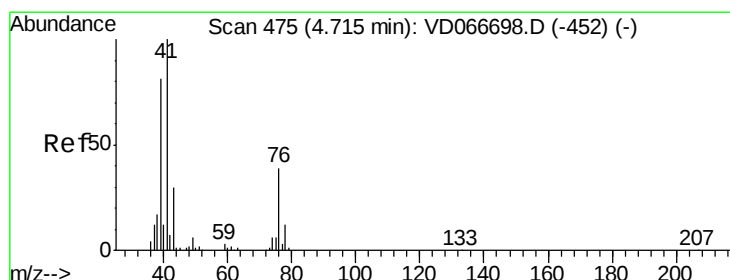
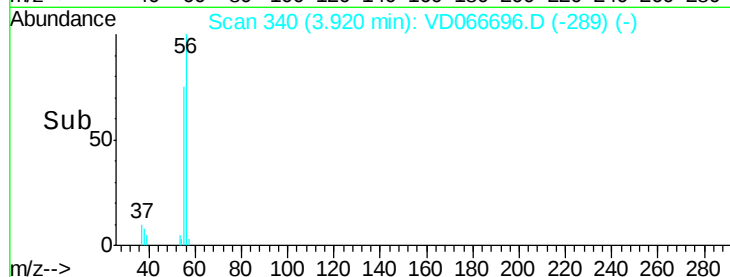
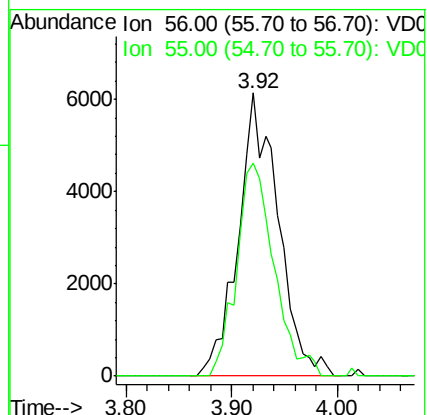
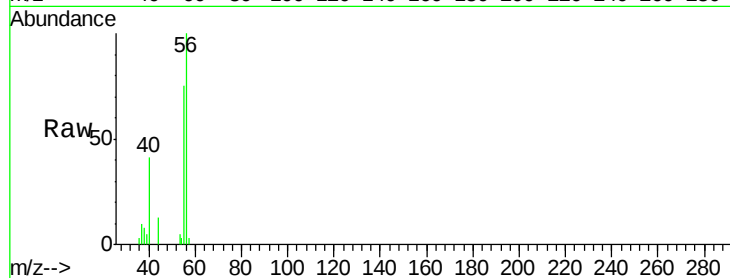
VSTDIC010

Tgt Ion: 56 Resp: 16140

Ion Ratio Lower Upper

56 100

55 70.8 54.7 82.1



#14

Allyl chloride

Concen: 10.707 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

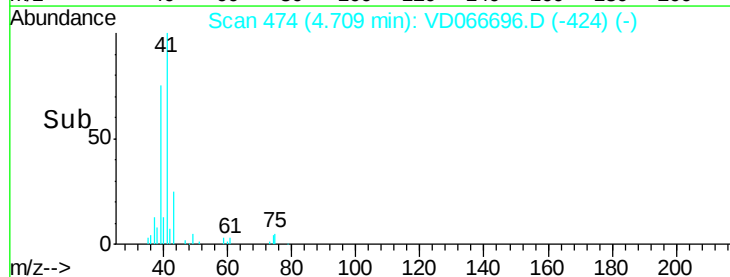
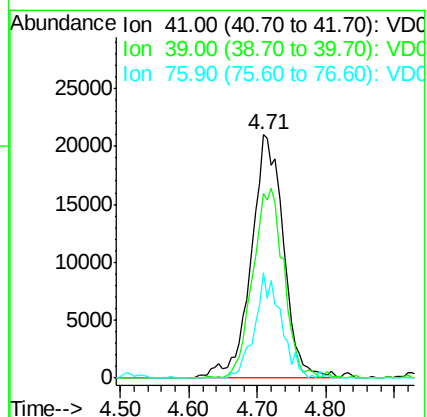
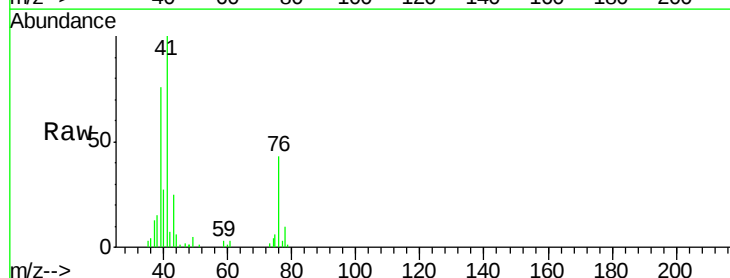
Tgt Ion: 41 Resp: 68907

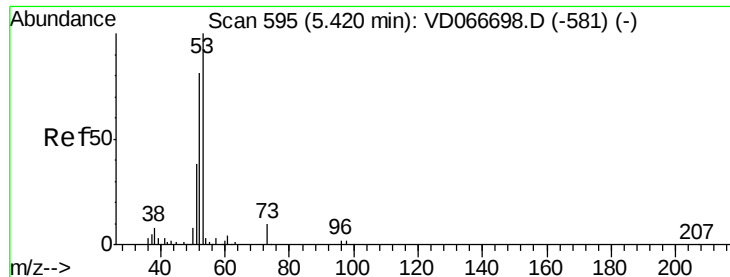
Ion Ratio Lower Upper

41 100

39 74.3 60.6 90.8

76 35.0 29.2 43.8





#15

Acrylonitrile

Concen: 53.482 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

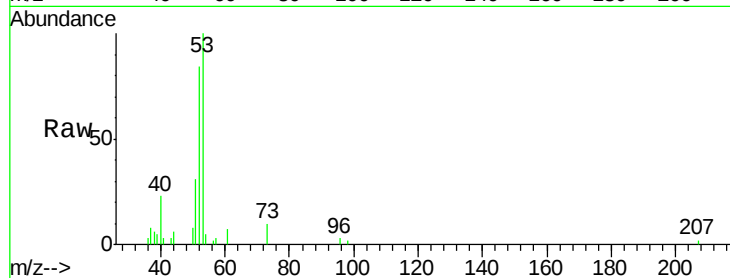
Tgt Ion: 53 Resp: 46219

Ion Ratio Lower Upper

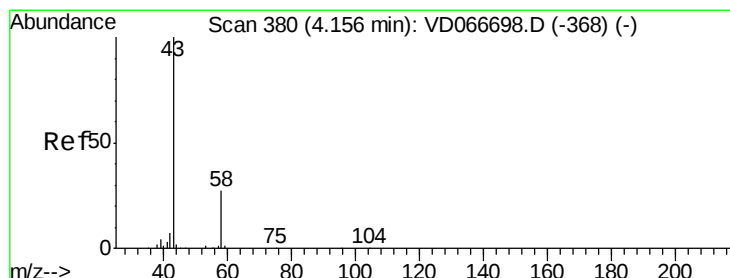
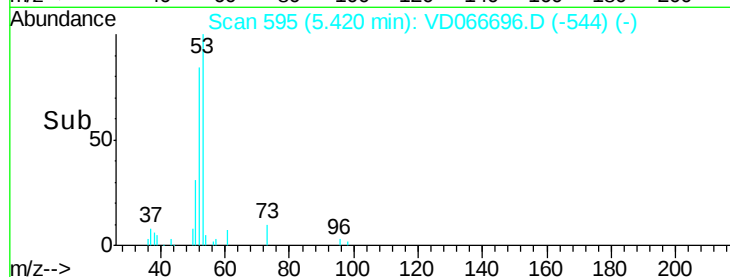
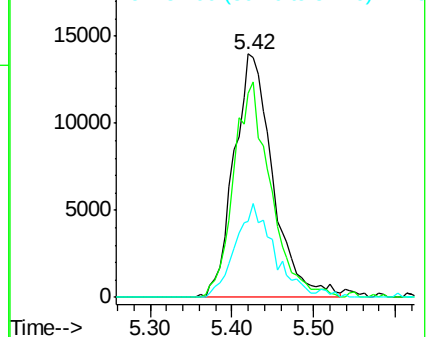
53 100

52 84.1 66.6 99.8

51 38.1 31.0 46.6



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



#16

Acetone

Concen: 56.279 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066696.D

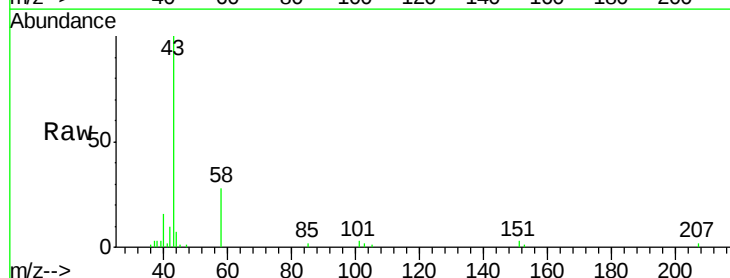
Acq: 15 Sep 2020 13:55

Tgt Ion: 43 Resp: 48971

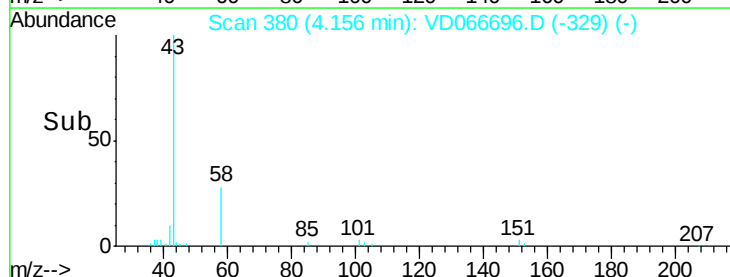
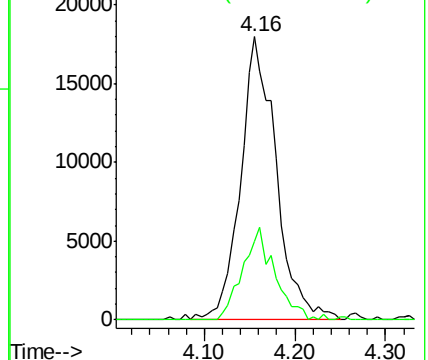
Ion Ratio Lower Upper

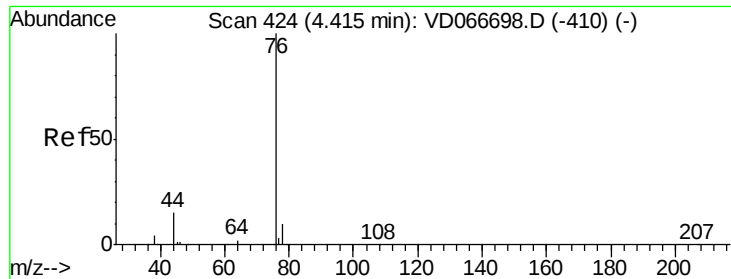
43 100

58 27.7 21.9 32.9



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

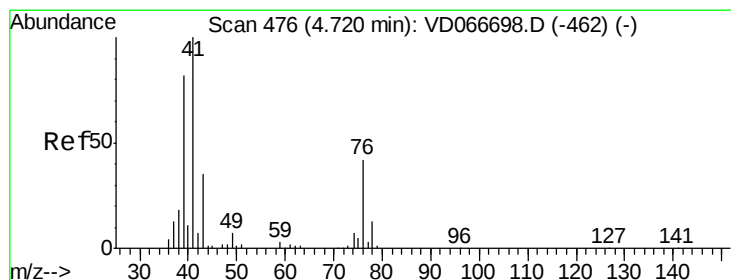
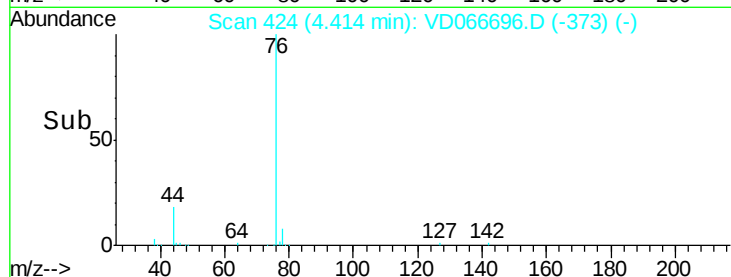
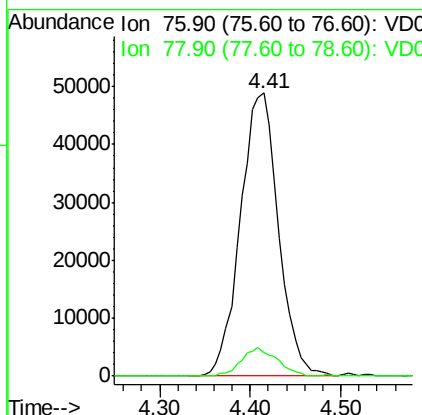
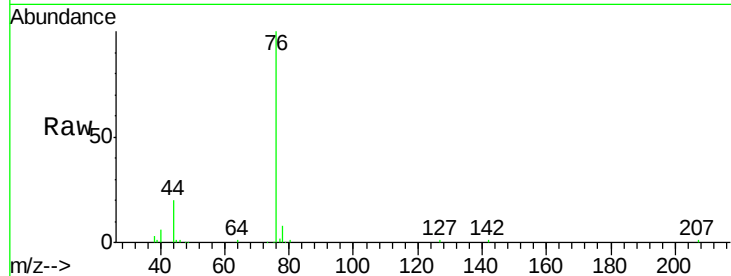




#17
Carbon Disulfide
Concen: 11.287 ug/l
RT: 4.41 min Scan# 424
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

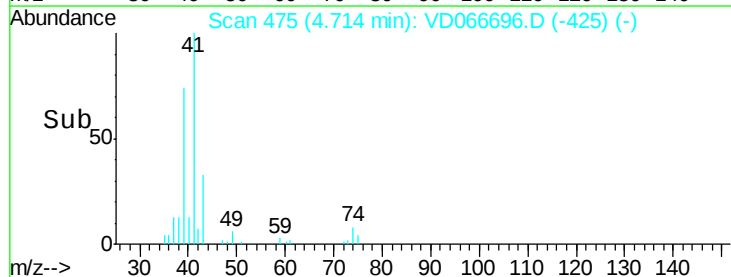
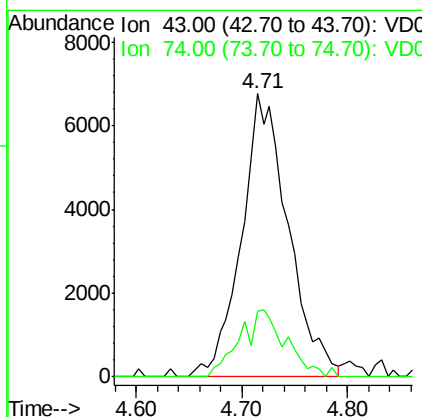
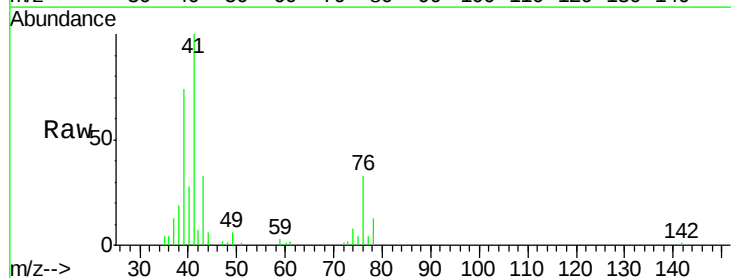
Instrument :
MSVOA_D
ClientSampled :
VSTDIC010

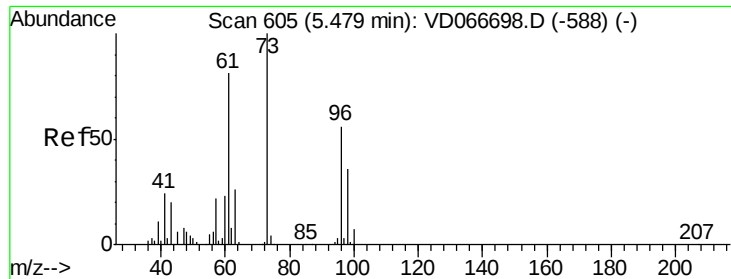
Tgt Ion: 76 Resp: 142128
Ion Ratio Lower Upper
76 100
78 8.4 8.0 12.0



#18
Methyl Acetate
Concen: 9.894 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion: 43 Resp: 20782
Ion Ratio Lower Upper
43 100
74 23.3 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 10.267 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

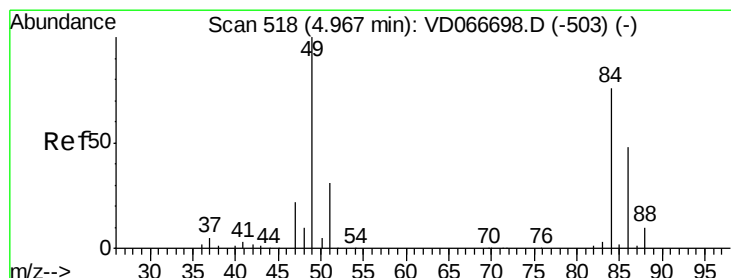
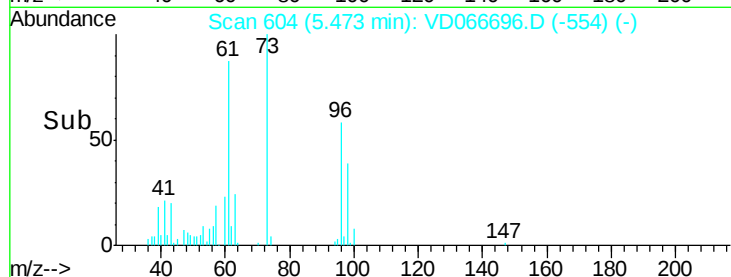
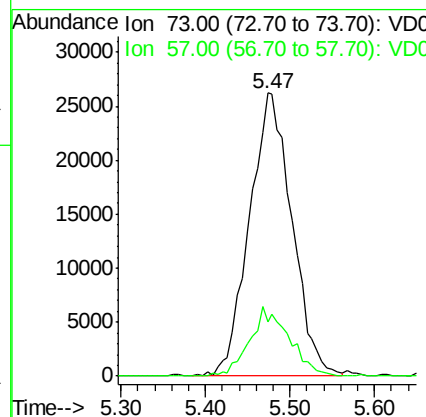
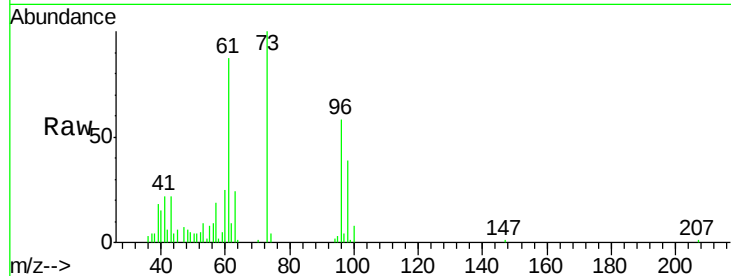
VSTDIC010

Tgt Ion: 73 Resp: 91640

Ion Ratio Lower Upper

73 100

57 19.0 17.8 26.6



#20

Methylene Chloride

Concen: 11.906 ug/l

RT: 4.97 min Scan# 518

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Tgt Ion: 84 Resp: 70169

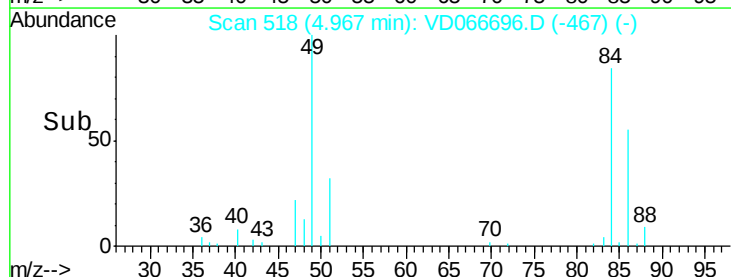
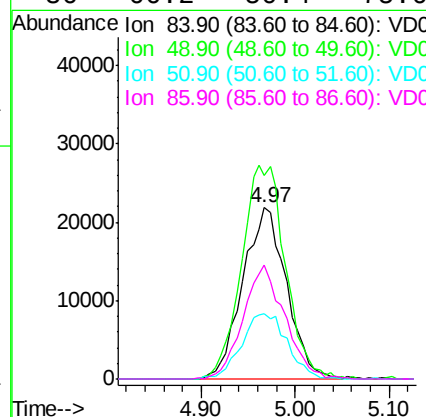
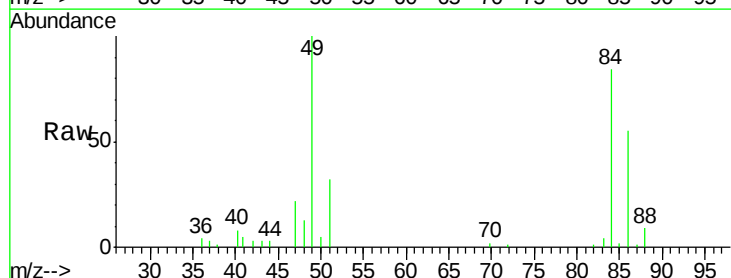
Ion Ratio Lower Upper

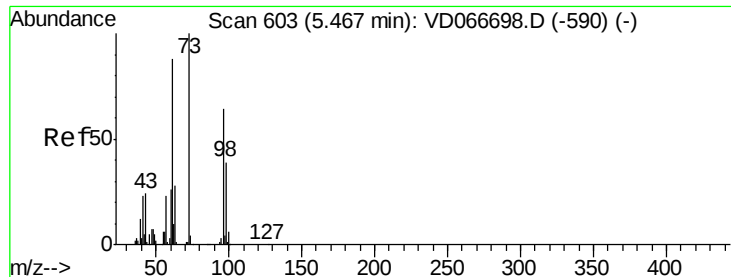
84 100

49 119.3 105.0 157.6

51 38.2 32.2 48.4

86 66.2 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 10.810 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

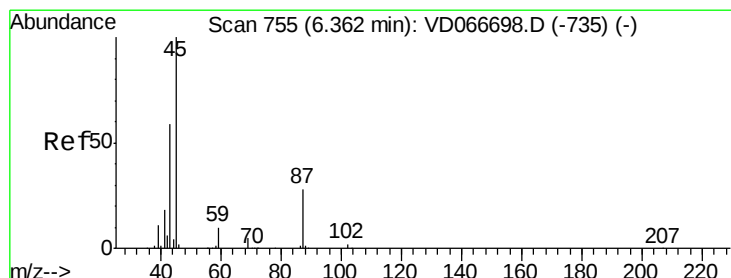
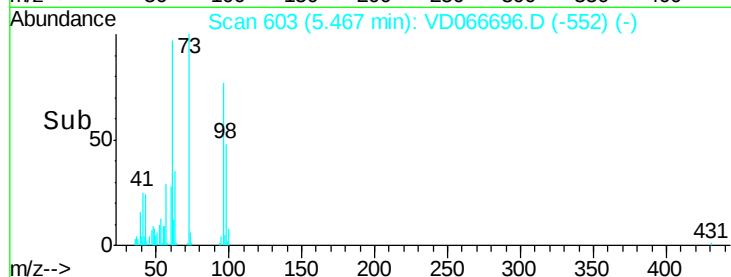
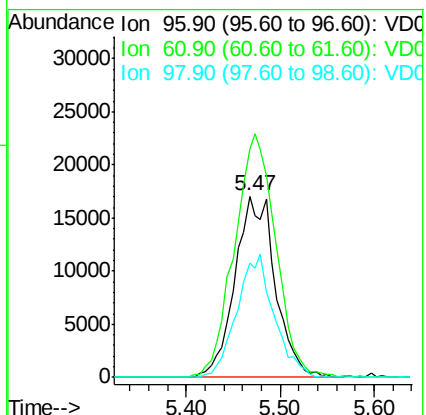
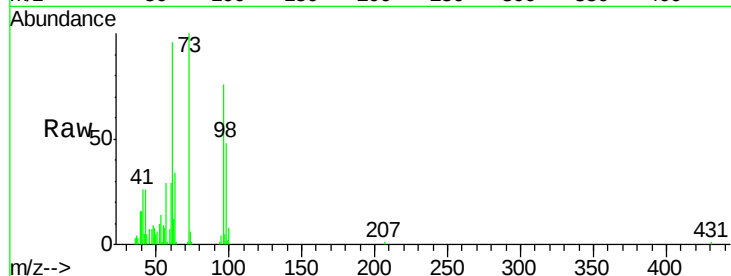
Tgt Ion: 96 Resp: 50470

Ion Ratio Lower Upper

96 100

61 126.0 110.6 166.0

98 63.1 49.2 73.8



#22

Diisopropyl ether

Concen: 10.624 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Tgt Ion: 45 Resp: 138929

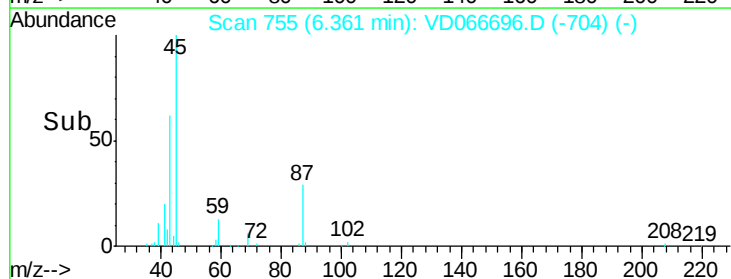
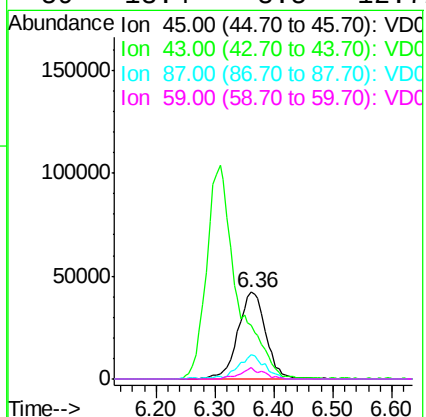
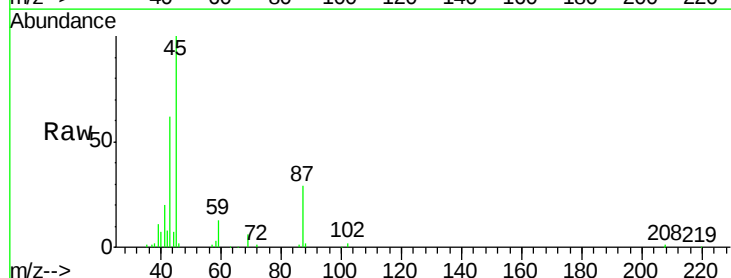
Ion Ratio Lower Upper

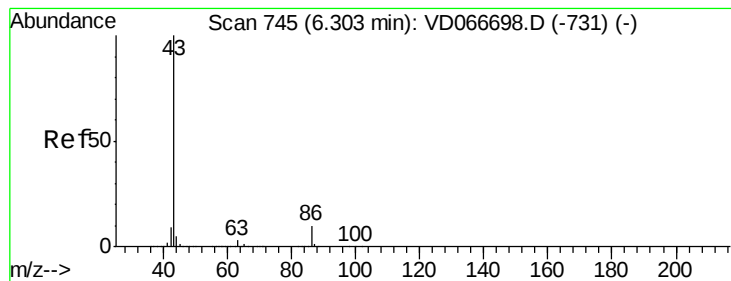
45 100

43 61.3 46.9 70.3

87 28.7 22.4 33.6

59 13.4 8.5 12.7#





#23

Vinyl Acetate

Concen: 51.192 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

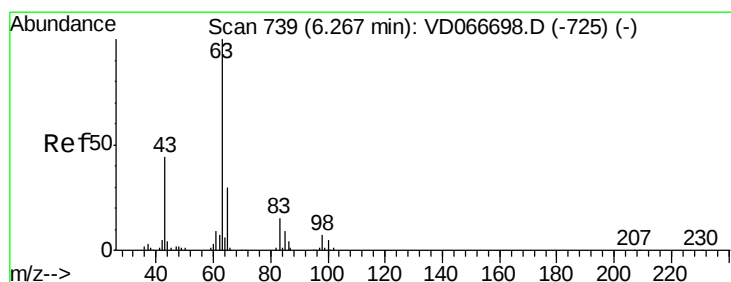
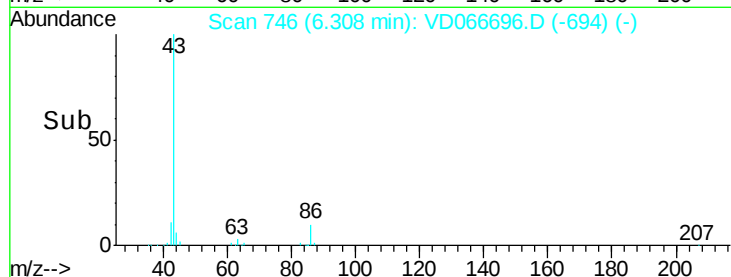
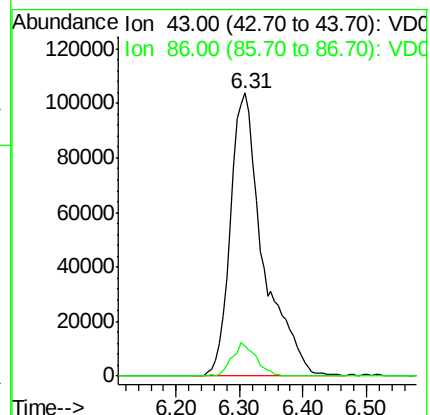
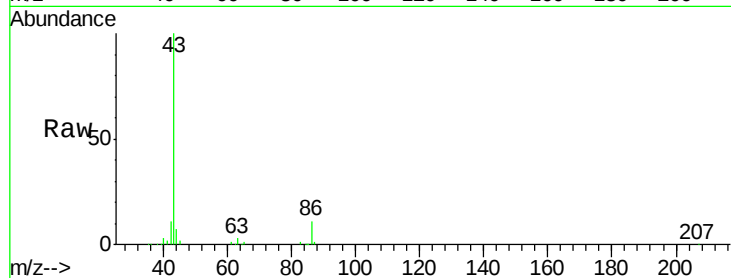
VSTDIC010

Tgt Ion: 43 Resp: 372364

Ion Ratio Lower Upper

43 100

86 10.6 7.8 11.8



#24

1,1-Dichloroethane

Concen: 10.794 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

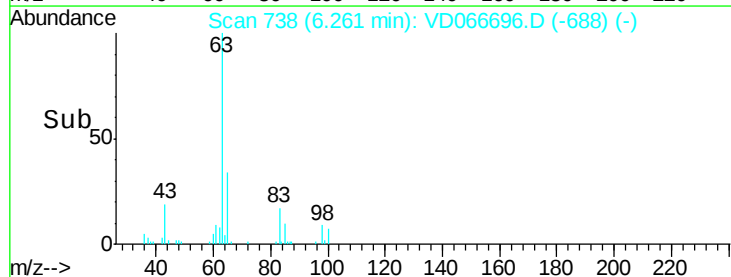
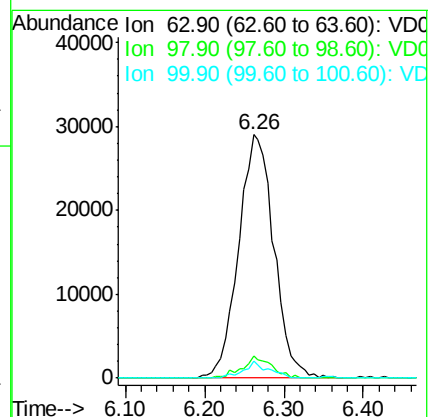
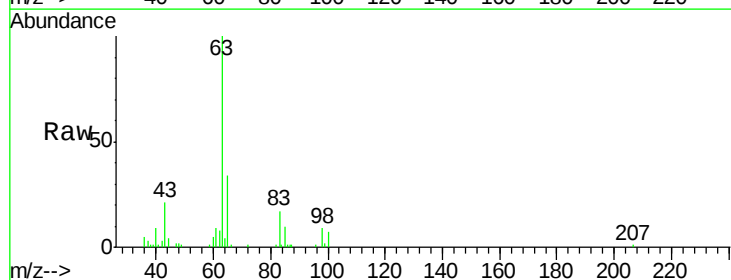
Tgt Ion: 63 Resp: 89570

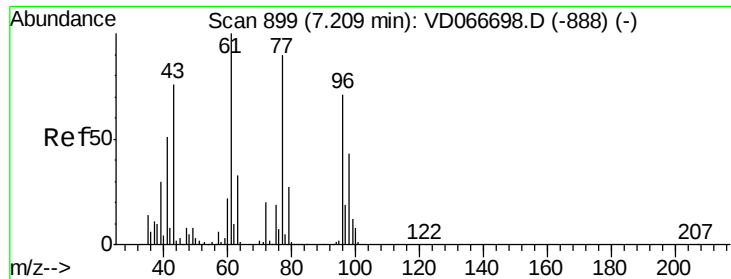
Ion Ratio Lower Upper

63 100

98 9.0 3.4 10.2

100 7.1 2.6 8.0





#25

2-Butanone

Concen: 53.684 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

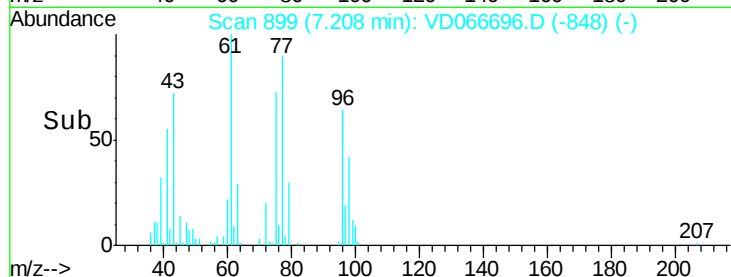
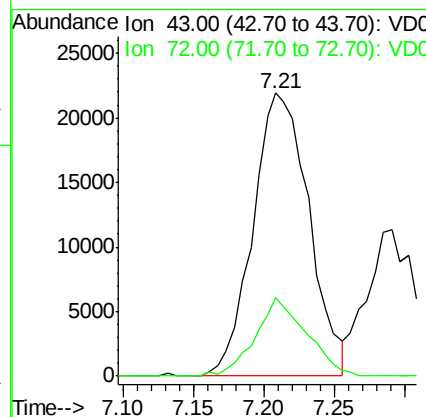
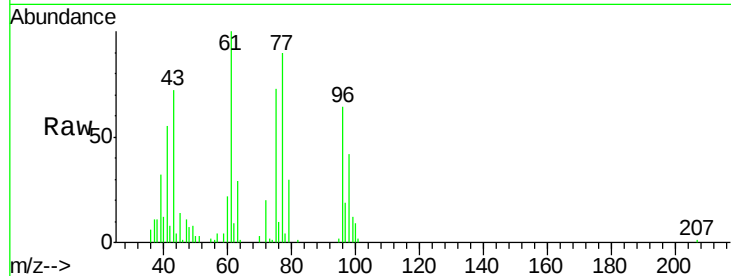
VSTDIC010

Tgt Ion: 43 Resp: 60827

Ion Ratio Lower Upper

43 100

72 27.8 21.0 31.4



#26

2,2-Dichloropropane

Concen: 10.608 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066696.D

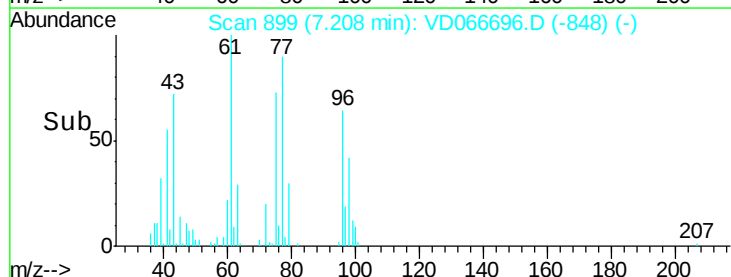
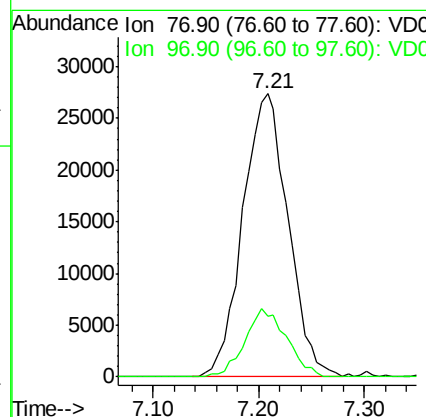
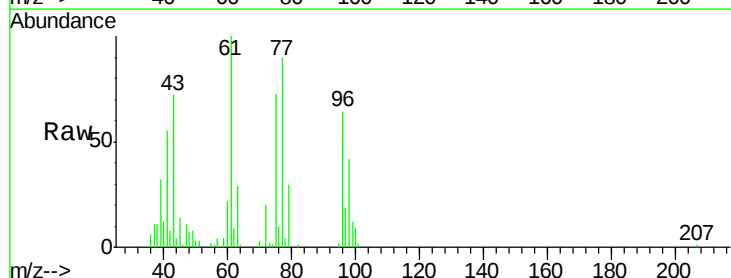
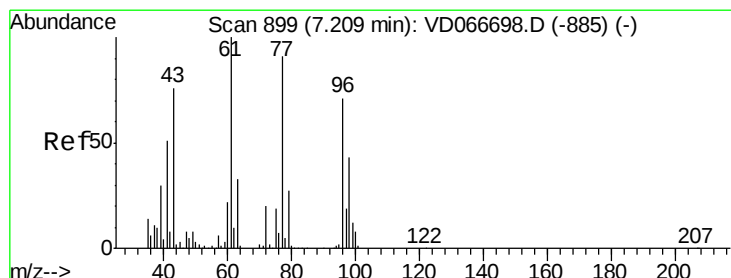
Acq: 15 Sep 2020 13:55

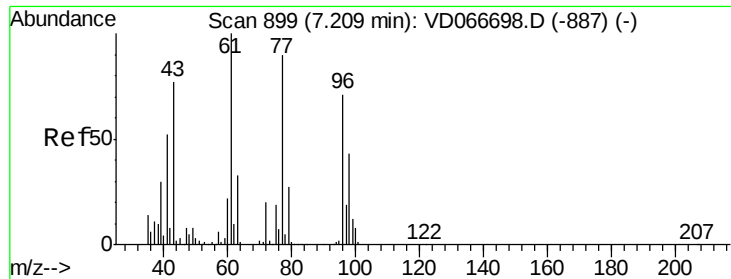
Tgt Ion: 77 Resp: 81398

Ion Ratio Lower Upper

77 100

97 22.1 10.6 31.8



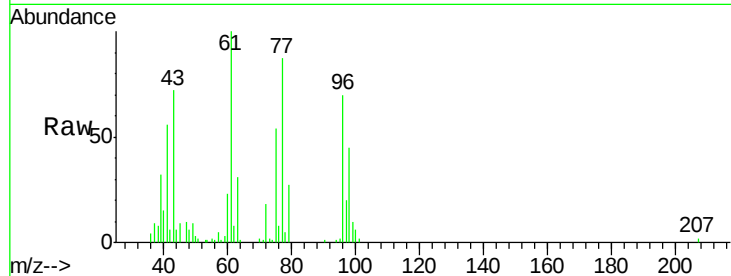


#27

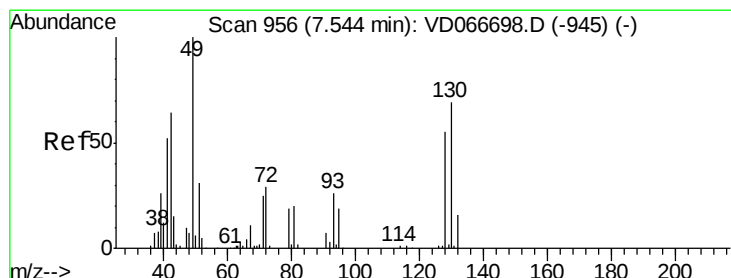
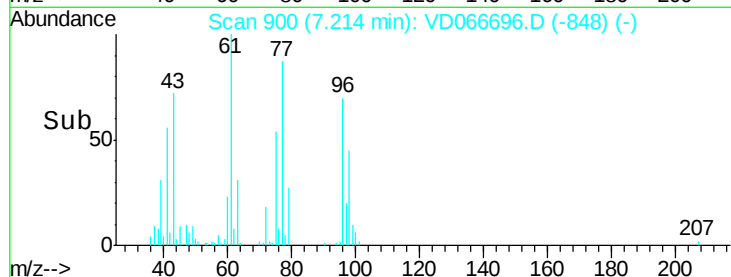
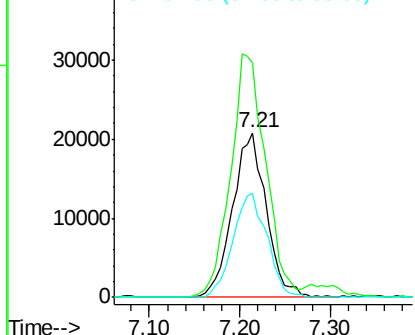
cis-1,2-Dichloroethene
 Concen: 10.515 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 53707
 Ion Ratio Lower Upper
 96 100
 61 154.5 0.0 292.4
 98 64.1 0.0 127.0



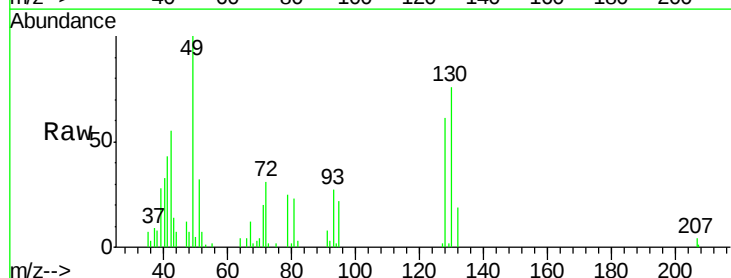
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



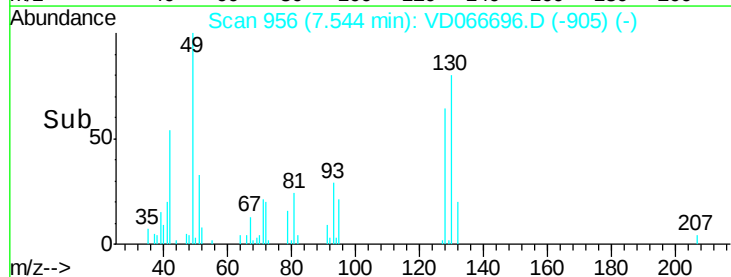
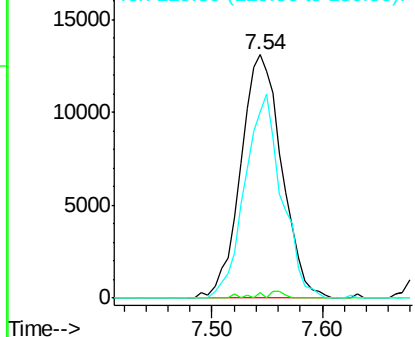
#28

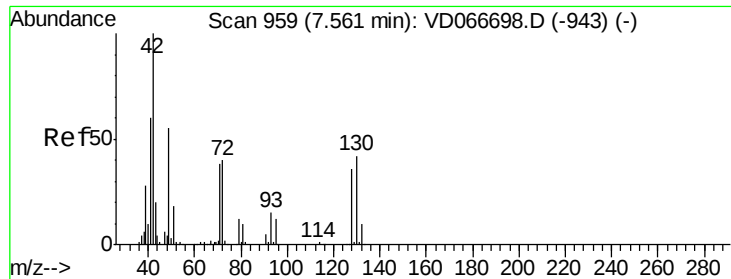
Bromochloromethane
 Concen: 11.034 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Tgt Ion: 49 Resp: 34200
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.8
 130 75.3 58.6 88.0



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

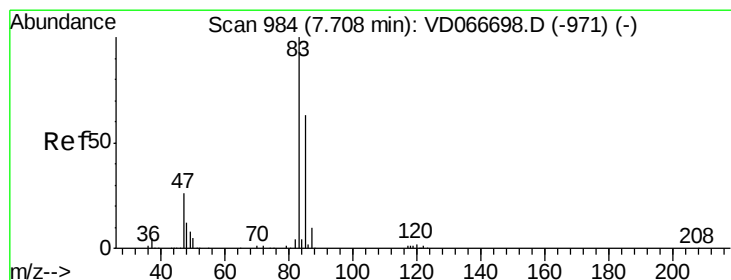
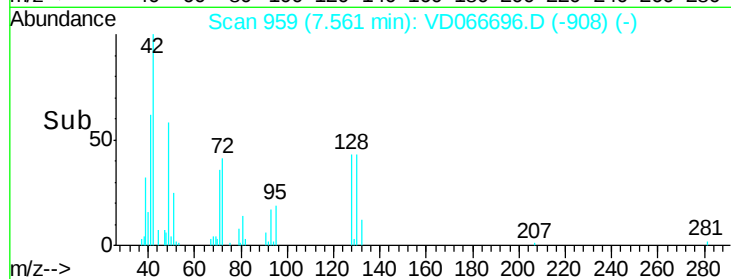
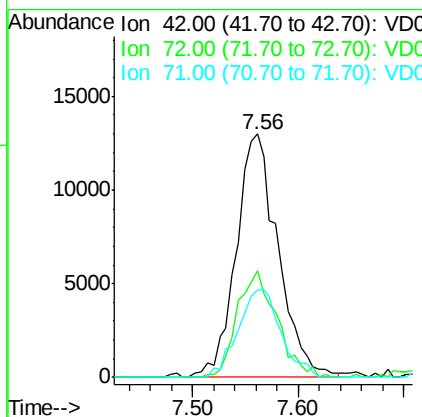
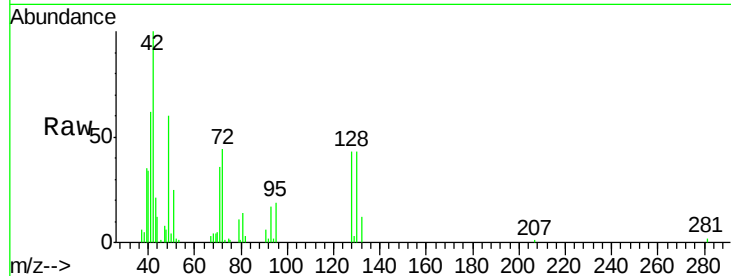




#29
Tetrahydrofuran
Concen: 51.343 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

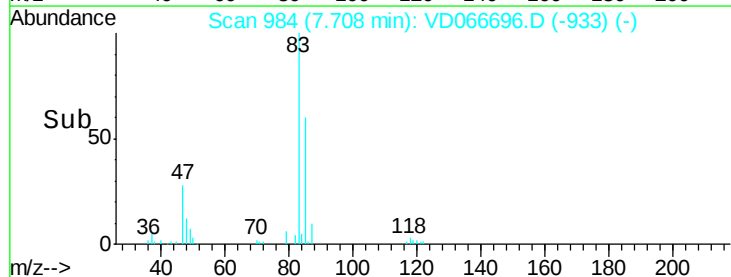
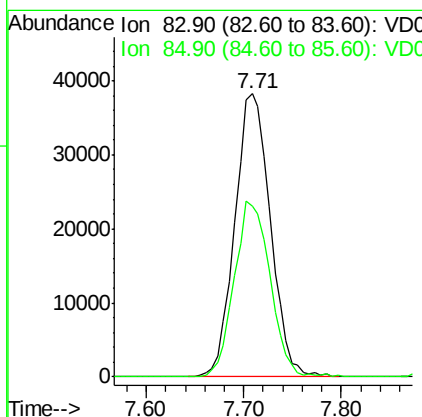
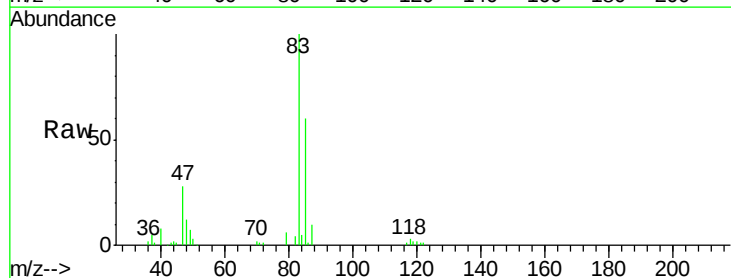
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

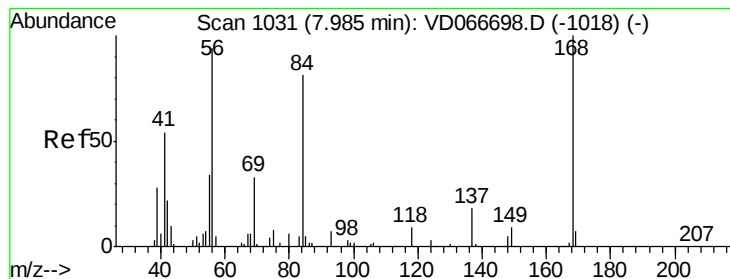
Tgt Ion: 42 Resp: 35593
Ion Ratio Lower Upper
42 100
72 41.5 32.6 48.8
71 37.3 30.6 45.8



#30
Chloroform
Concen: 10.970 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion: 83 Resp: 96881
Ion Ratio Lower Upper
83 100
85 60.4 50.6 76.0





#31

Cyclohexane

Concen: 11.116 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

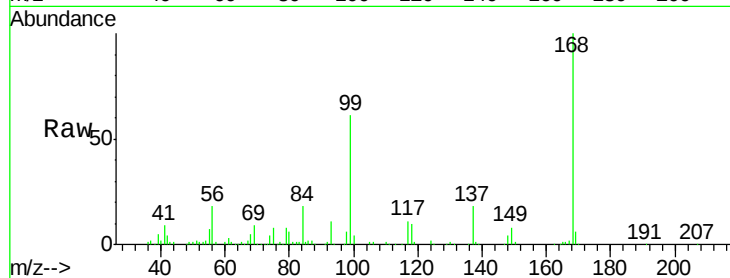
Tgt Ion: 56 Resp: 83904

Ion Ratio Lower Upper

56 100

69 47.6 27.7 41.5#

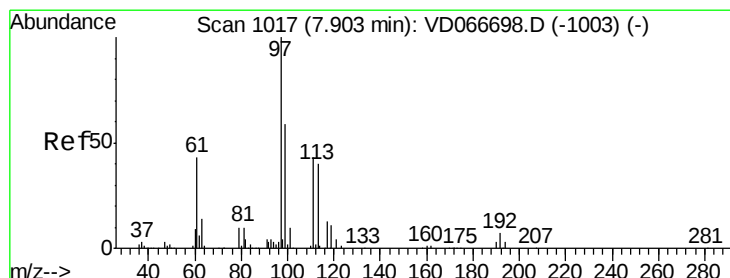
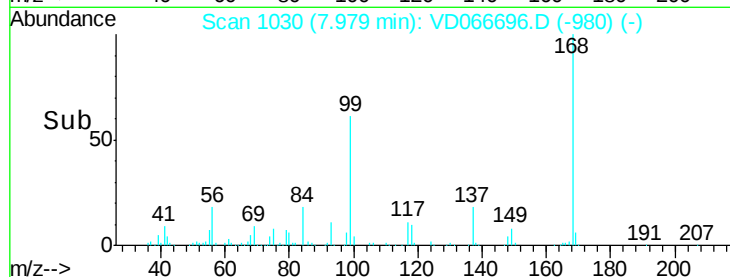
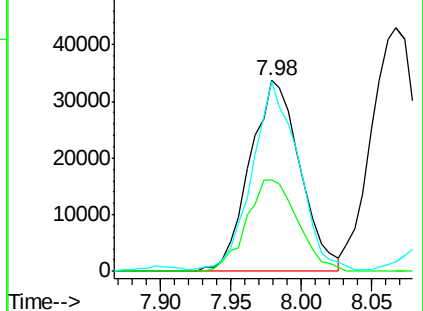
84 98.7 68.5 102.7



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: 10.779 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

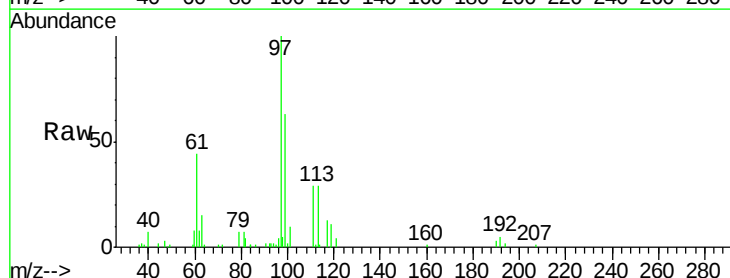
Tgt Ion: 97 Resp: 87110

Ion Ratio Lower Upper

97 100

99 62.9 51.0 76.4

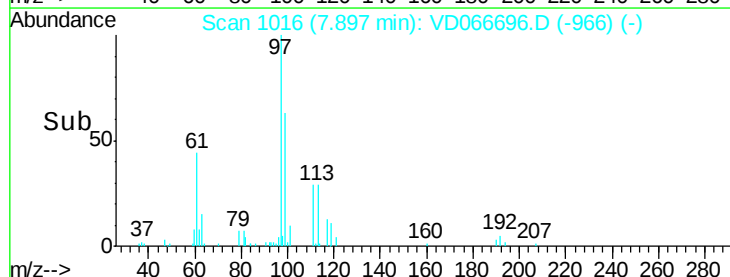
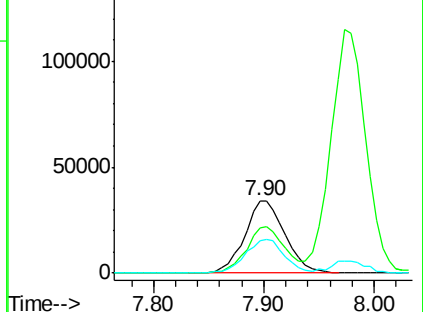
61 45.1 35.2 52.8

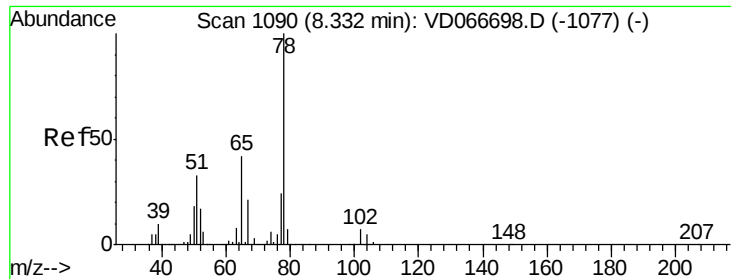


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

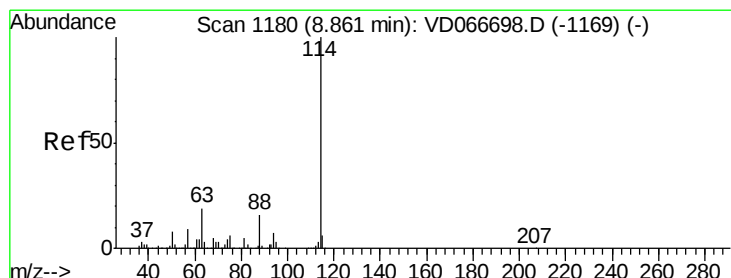
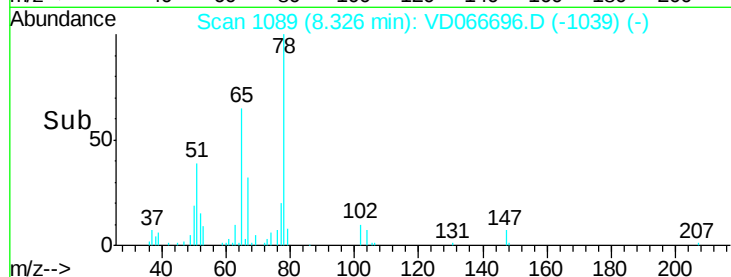
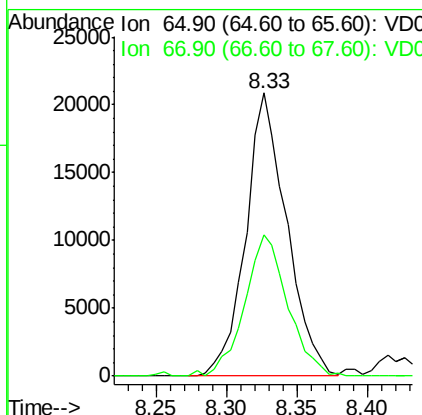
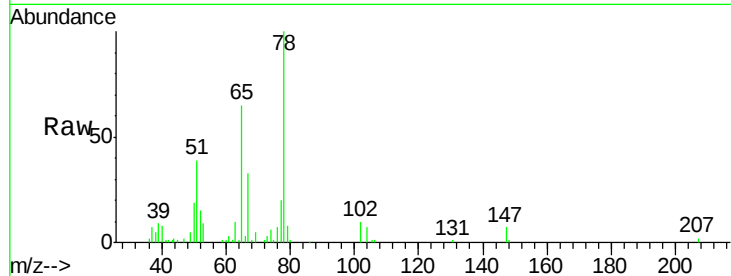




#33
 1,2-Dichloroethane-d4
 Concen: 9.945 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

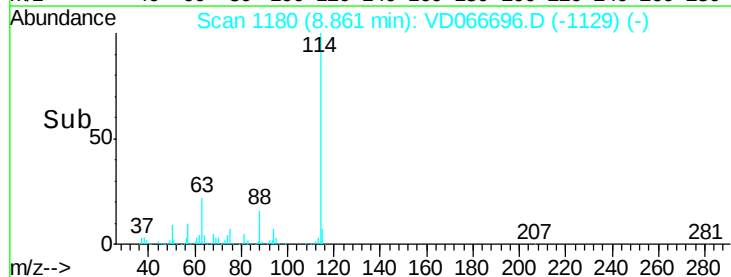
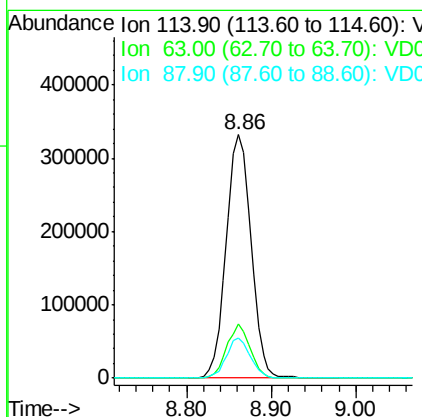
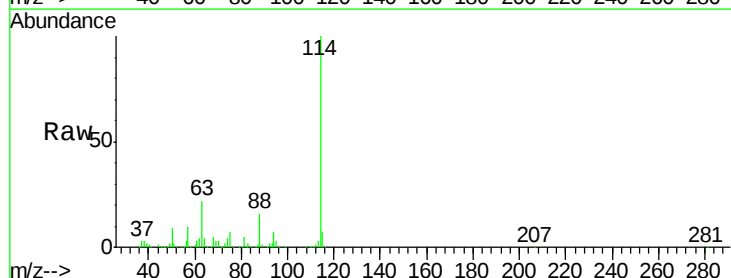
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

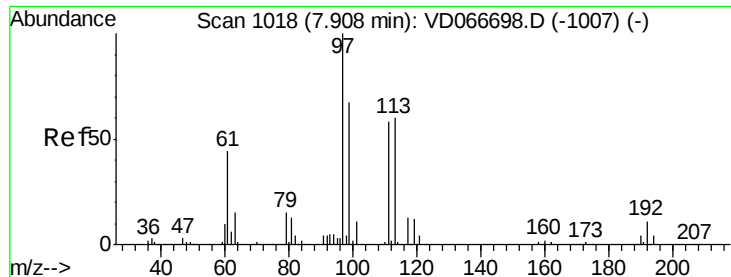
Tgt Ion: 65 Resp: 42496
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Tgt Ion: 114 Resp: 674854
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 37.6
 88 16.5 0.0 32.2

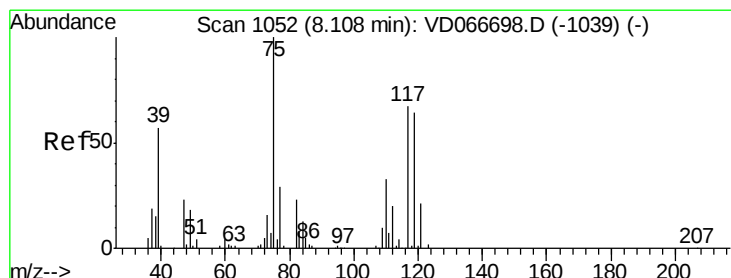
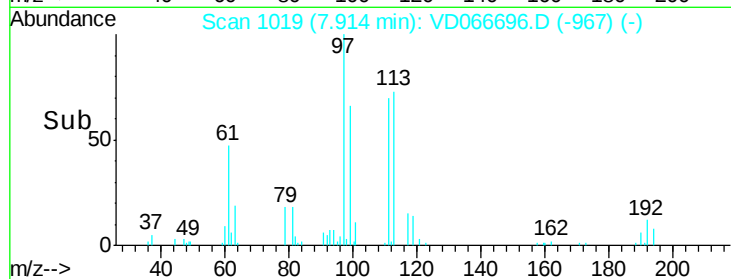
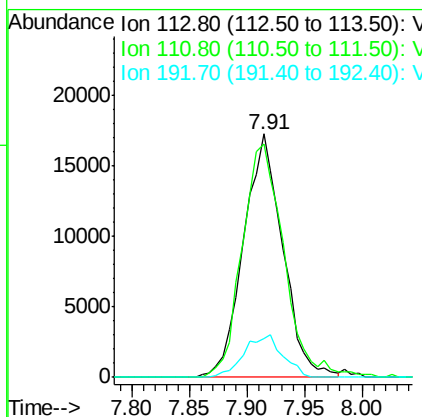
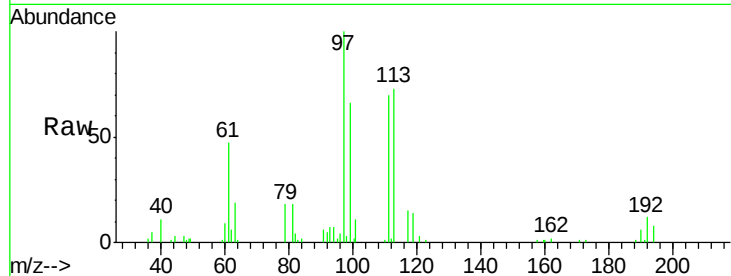




#35
 Dibromofluoromethane
 Concen: 9.852 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

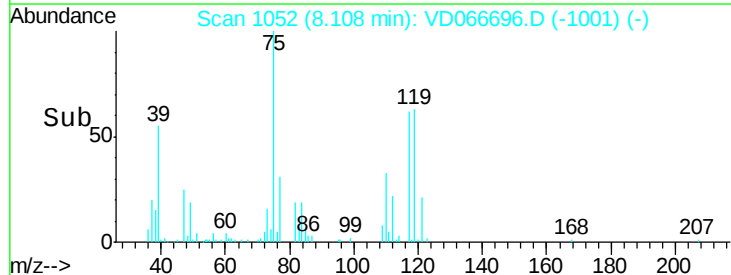
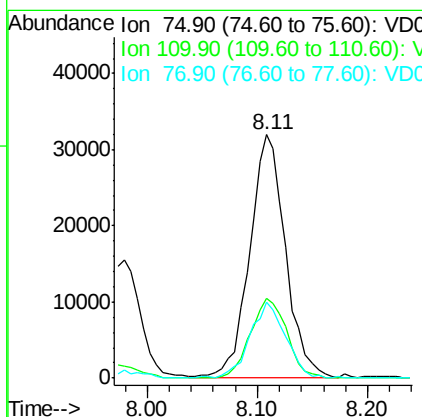
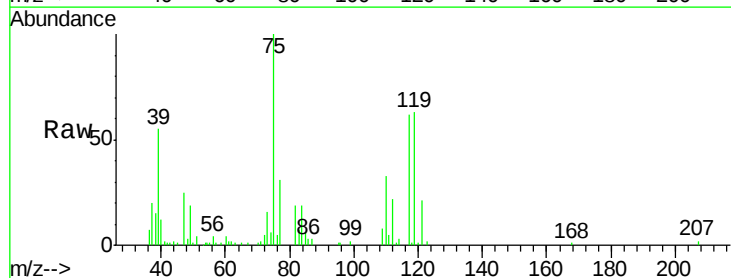
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

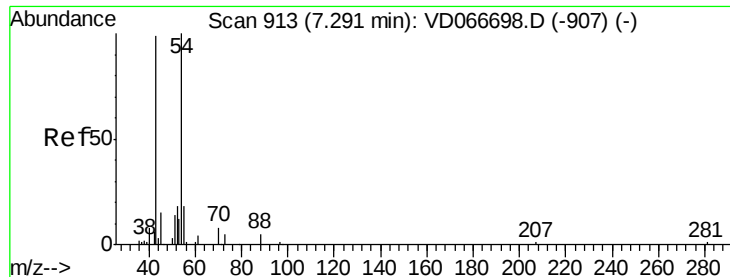
Tgt Ion: 113 Resp: 40762
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.2 124.8
 192 17.3 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 10.491 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Tgt Ion: 75 Resp: 72788
 Ion Ratio Lower Upper
 75 100
 110 33.5 17.1 51.2
 77 30.9 25.0 37.6

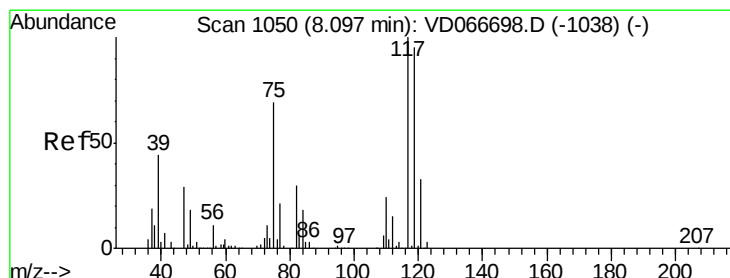
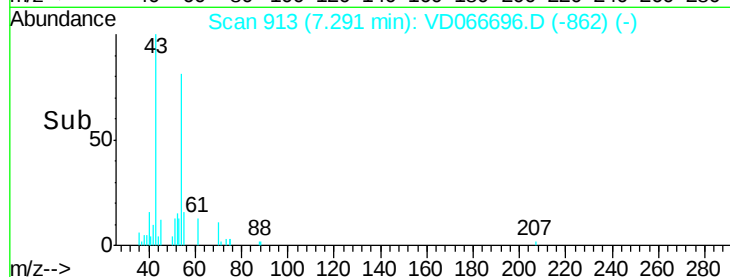
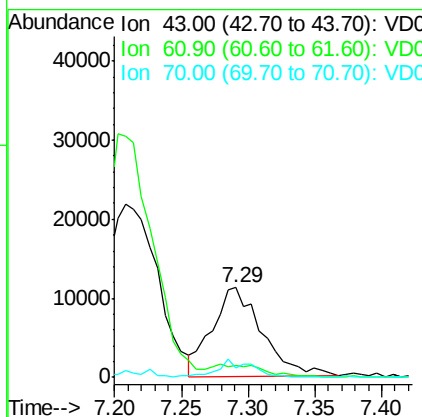
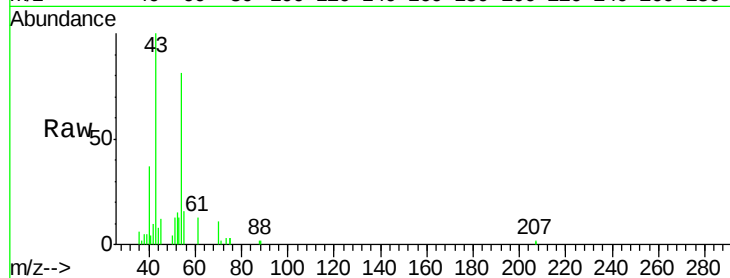




#37
Ethyl Acetate
Concen: 11.054 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

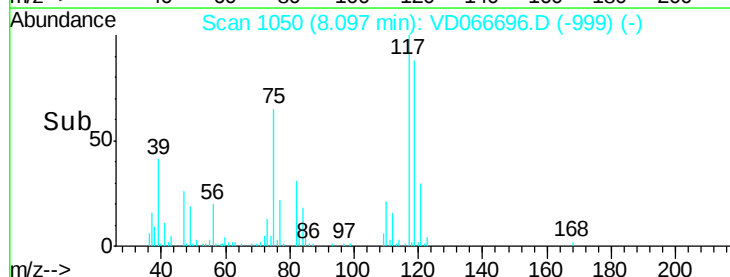
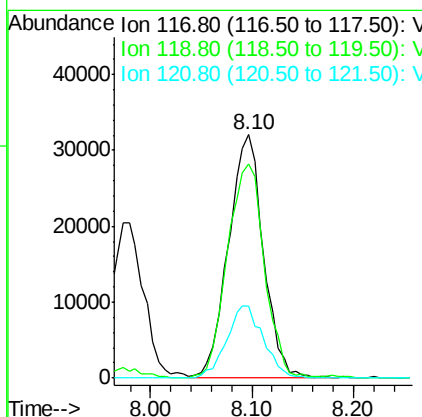
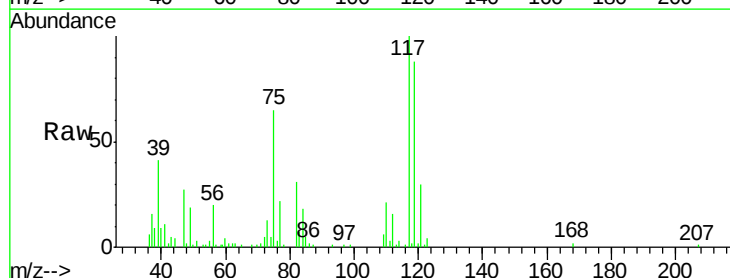
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

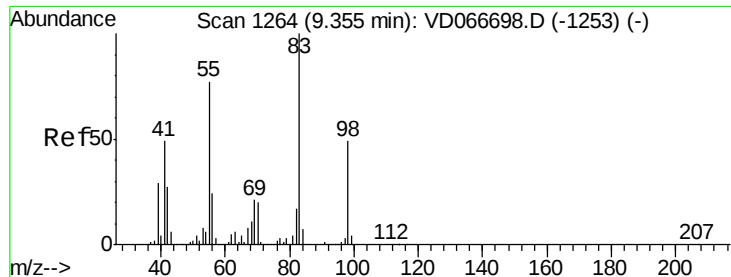
Tgt Ion: 43 Resp: 29036
Ion Ratio Lower Upper
43 100
61 15.3 10.4 15.6
70 13.7 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 10.410 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion: 117 Resp: 76703
Ion Ratio Lower Upper
117 100
119 88.0 75.8 113.6
121 29.7 26.2 39.4

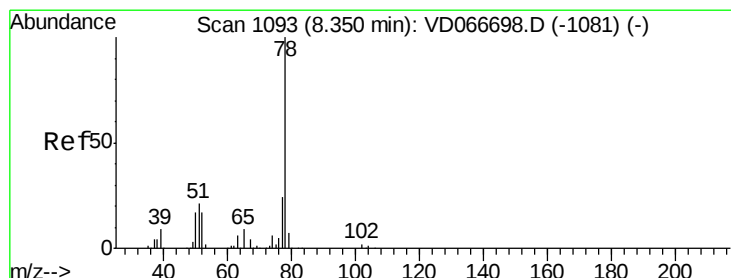
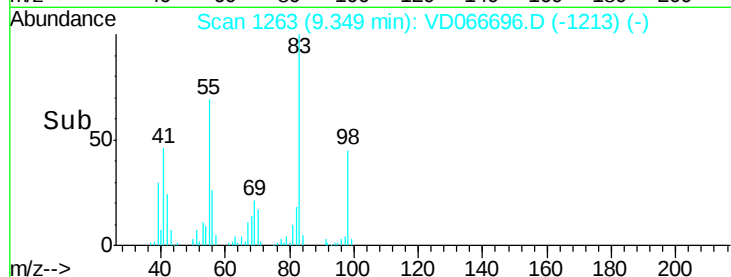
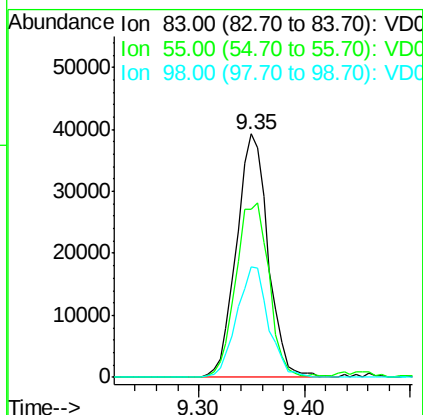
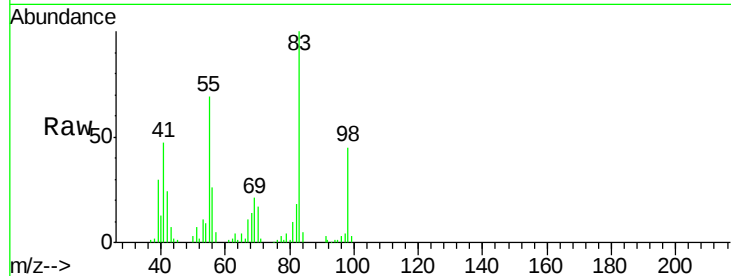




#39
Methylcyclohexane
Concen: 10.304 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

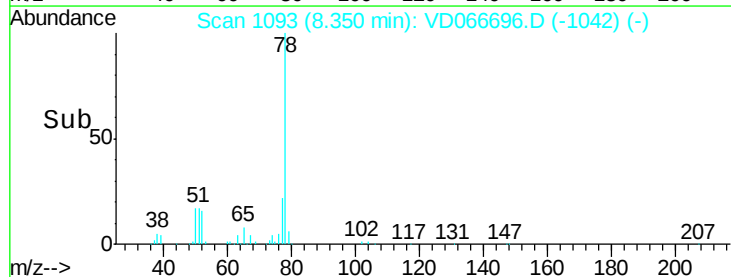
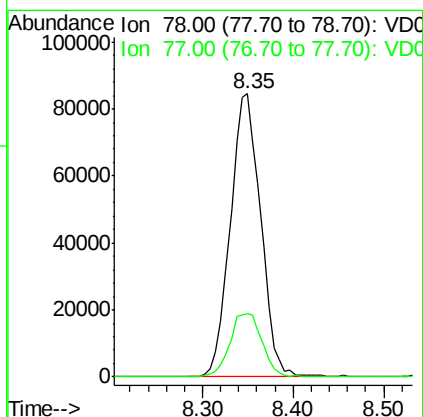
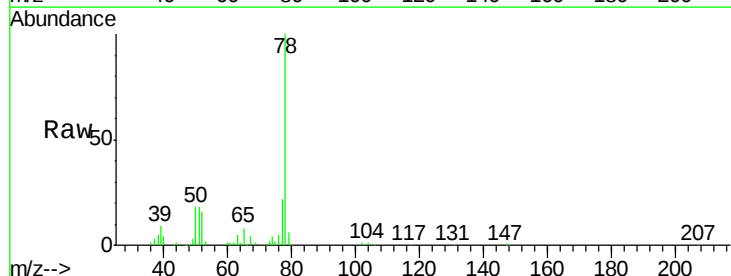
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

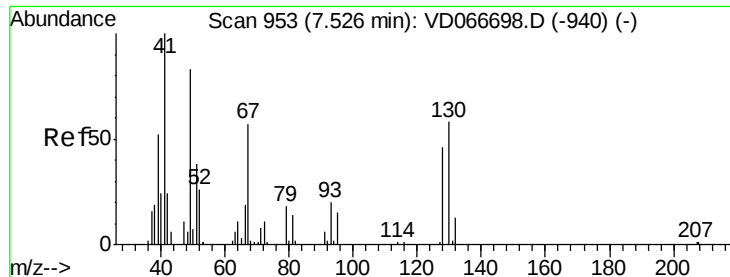
Tgt Ion: 83 Resp: 81774
Ion Ratio Lower Upper
83 100
55 69.1 61.5 92.3
98 45.3 39.3 58.9



#40
Benzene
Concen: 10.480 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion: 78 Resp: 196715
Ion Ratio Lower Upper
78 100
77 22.3 19.3 28.9





#41

Methacrylonitrile

Concen: 10.641 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 41 Resp: 13533

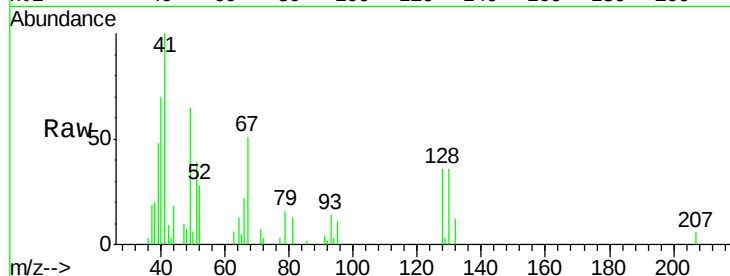
Ion Ratio Lower Upper

41 100

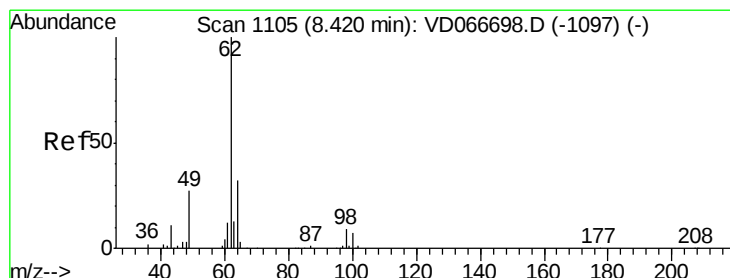
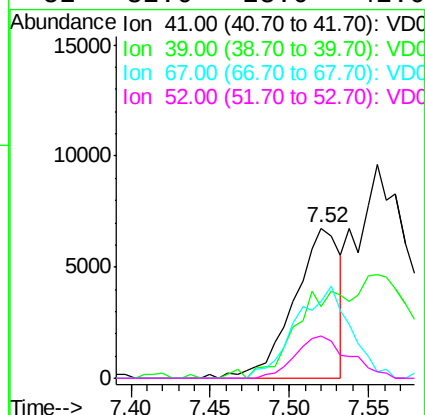
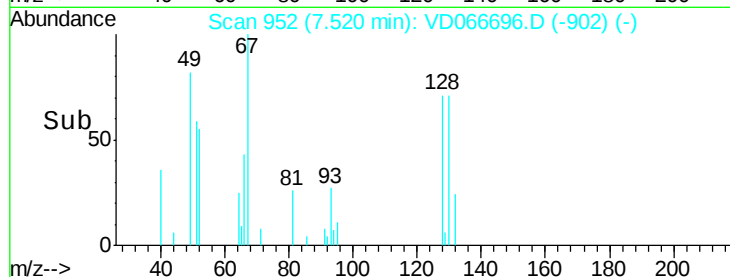
39 0.0 59.3 88.9#

67 73.4 62.3 93.5

52 32.6 28.0 42.0



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



#42

1,2-Dichloroethane

Concen: 10.628 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.01 min

Lab File: VD066696.D

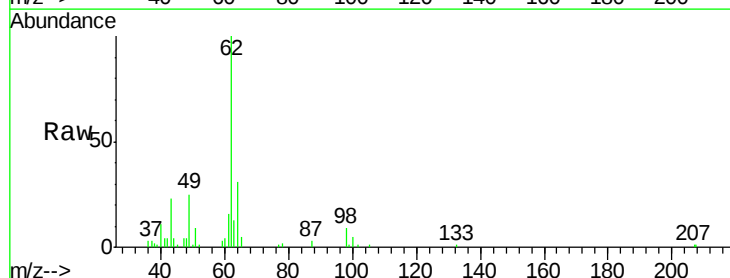
Acq: 15 Sep 2020 13:55

Tgt Ion: 62 Resp: 61809

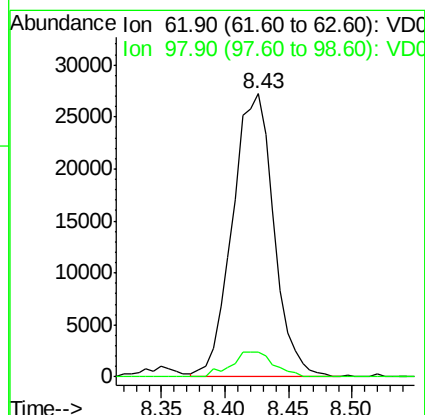
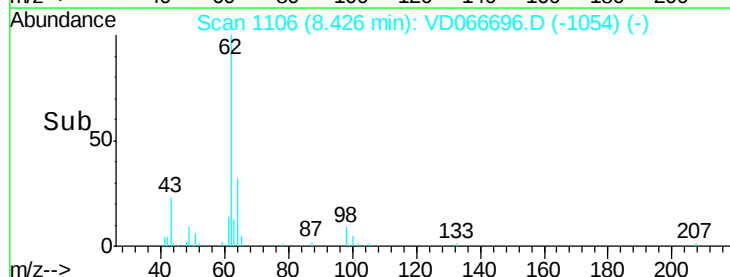
Ion Ratio Lower Upper

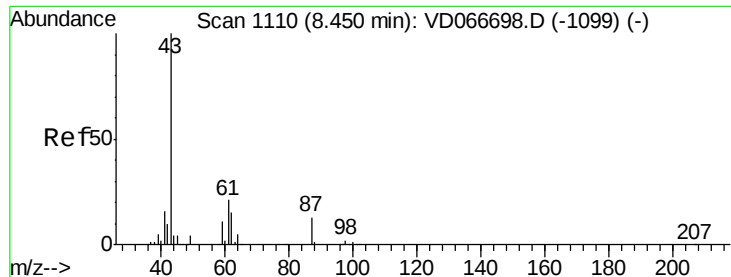
62 100

98 9.1 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 10.262 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

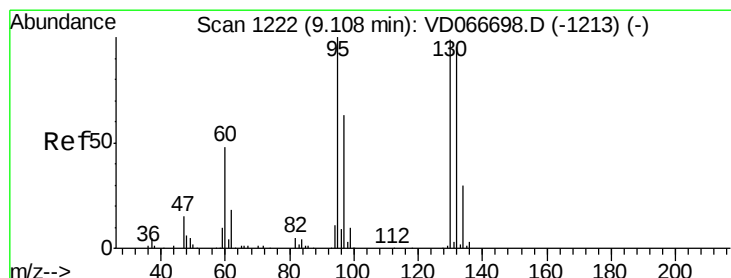
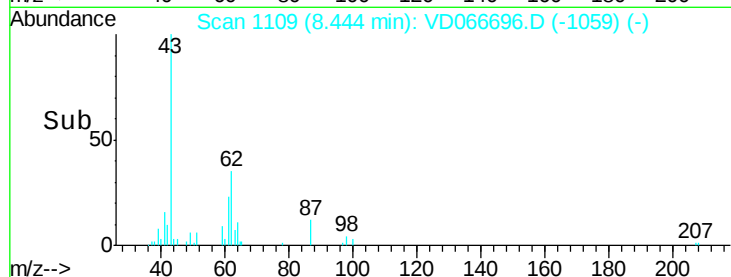
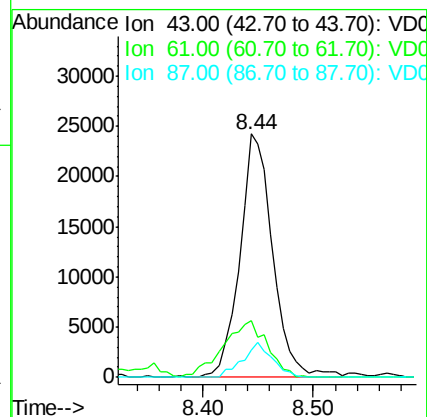
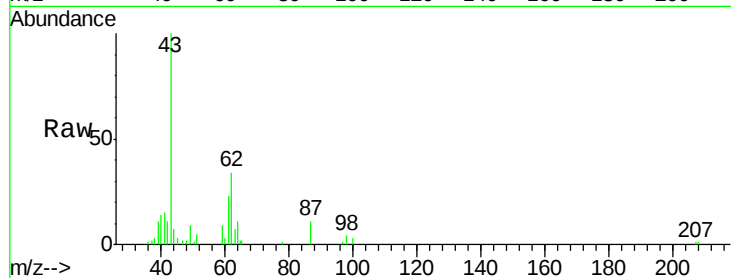
Tgt Ion: 43 Resp: 50734

Ion Ratio Lower Upper

43 100

61 31.0 24.8 37.2

87 12.9 10.4 15.6



#44

Trichloroethene

Concen: 10.630 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066696.D

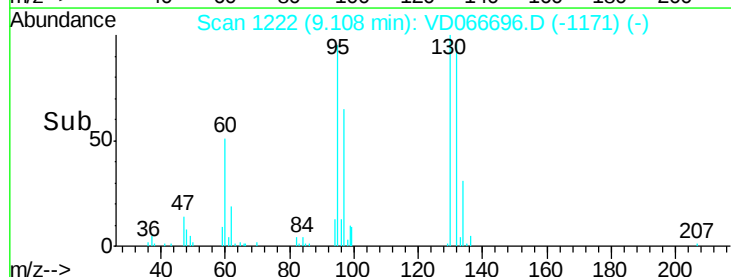
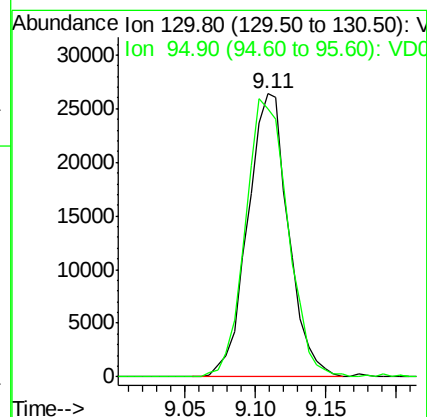
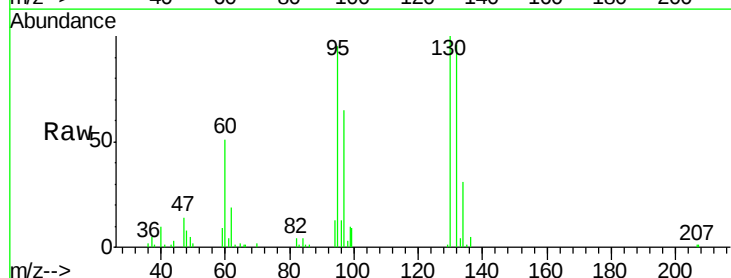
Acq: 15 Sep 2020 13:55

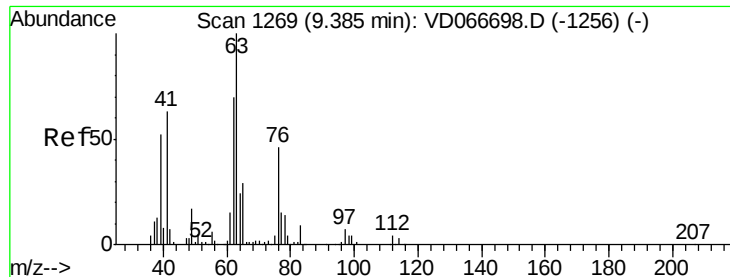
Tgt Ion: 130 Resp: 53353

Ion Ratio Lower Upper

130 100

95 94.7 0.0 201.4





#45

1,2-Dichloropropane

Concen: 10.489 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

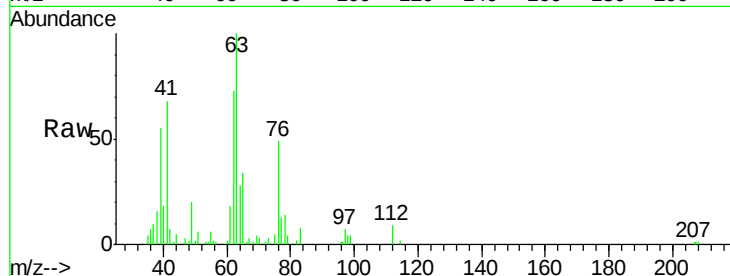
VSTDIC010

Tgt Ion: 63 Resp: 48676

Ion Ratio Lower Upper

63 100

65 33.8 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

25000

20000

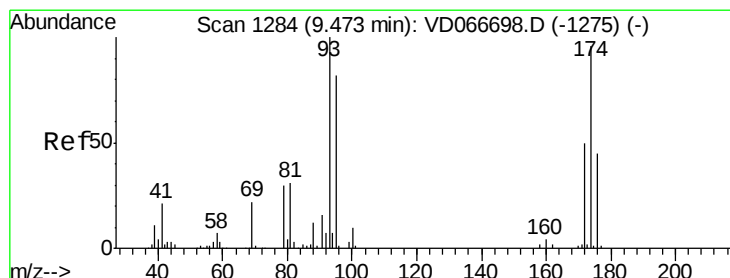
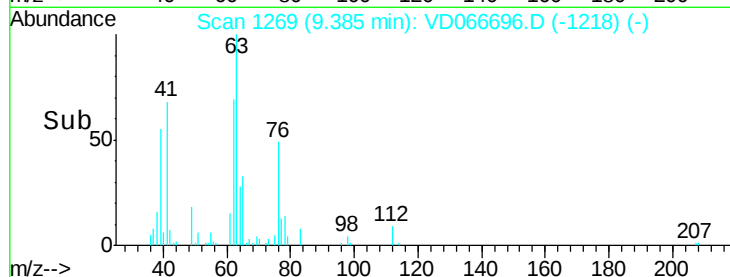
15000

10000

5000

0

Time--> 9.30 9.35 9.40 9.45



#46

Dibromomethane

Concen: 10.135 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

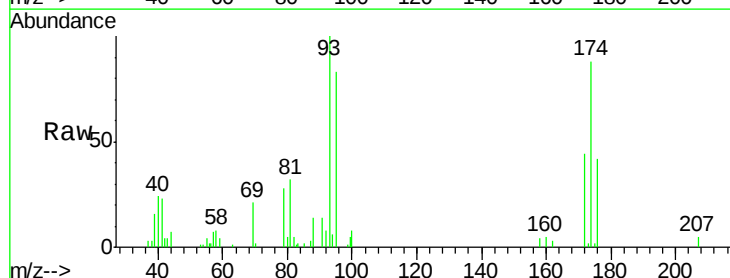
Tgt Ion: 93 Resp: 25844

Ion Ratio Lower Upper

93 100

95 84.4 66.0 99.0

174 98.7 72.3 108.5



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

9.47

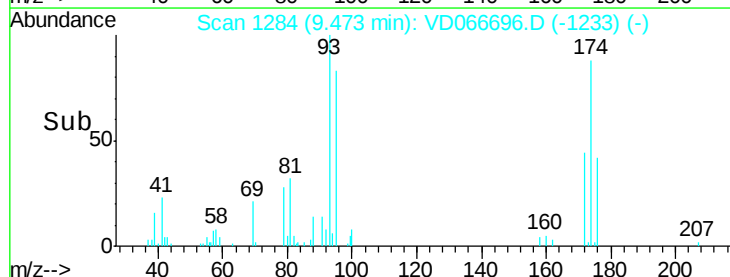
15000

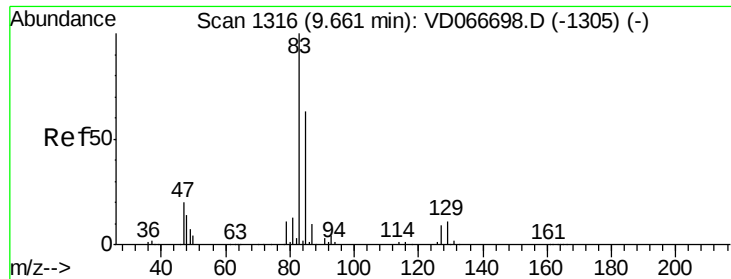
10000

5000

0

Time--> 9.40 9.45 9.50 9.55





#47

Bromodichloromethane

Concen: 10.447 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

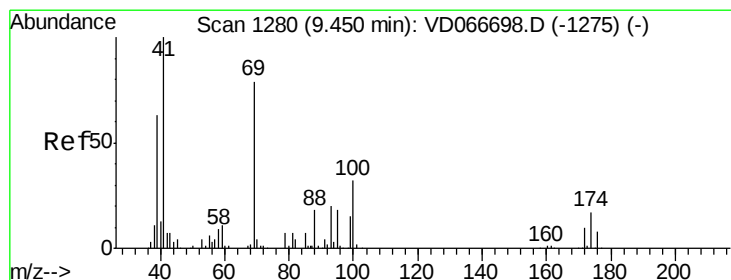
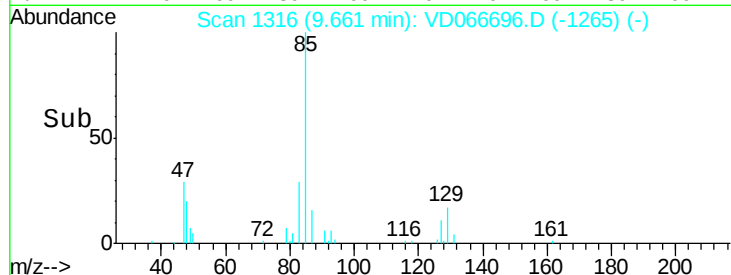
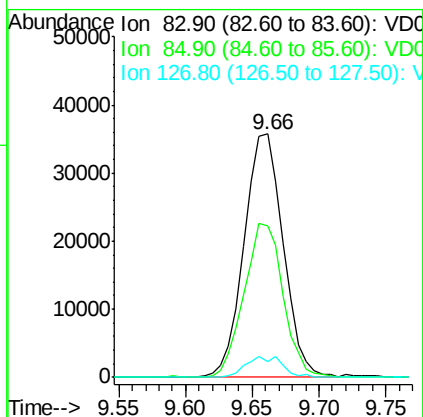
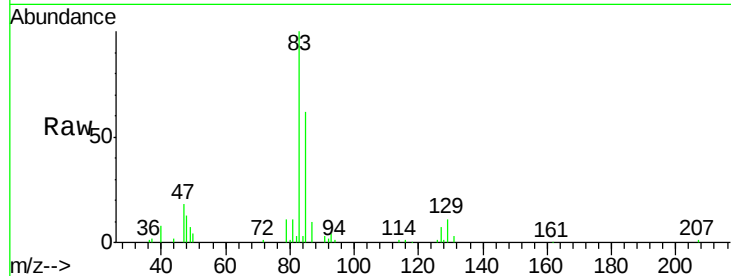
Tgt Ion: 83 Resp: 72594

Ion Ratio Lower Upper

83 100

85 62.3 50.1 75.1

127 6.6 6.9 10.3#



#48

Methyl methacrylate

Concen: 10.424 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

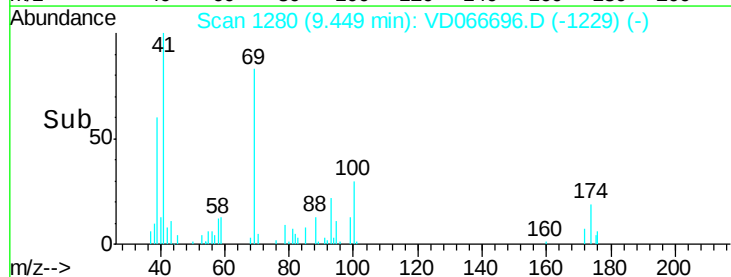
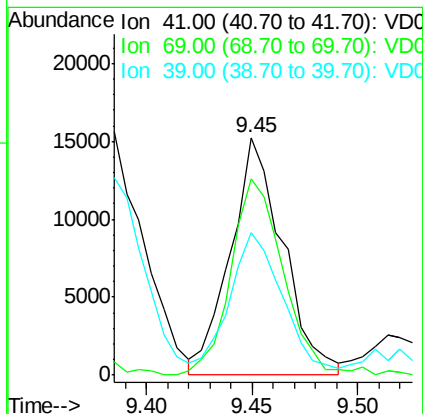
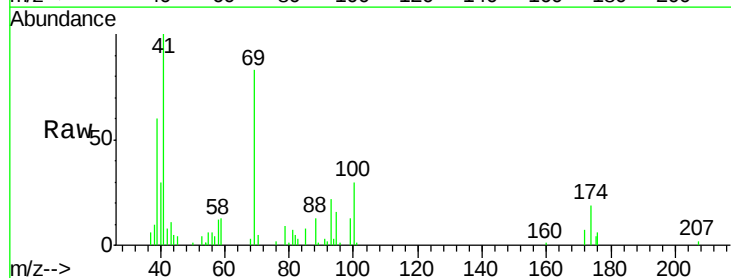
Tgt Ion: 41 Resp: 26215

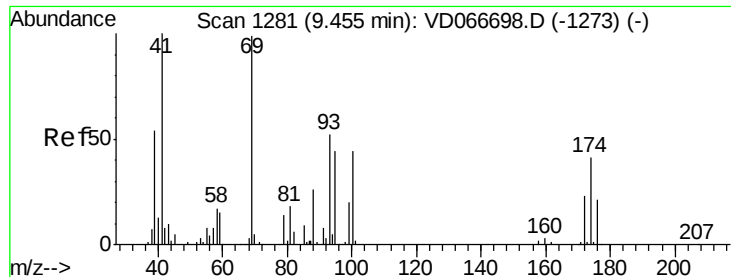
Ion Ratio Lower Upper

41 100

69 83.3 62.4 93.6

39 54.9 44.8 67.2





#49

1,4-Dioxane

Concen: 203.508 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

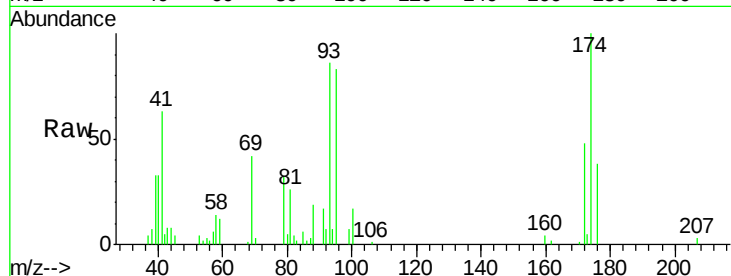
Tgt Ion: 88 Resp: 5559

Ion Ratio Lower Upper

88 100

43 45.8 29.3 43.9#

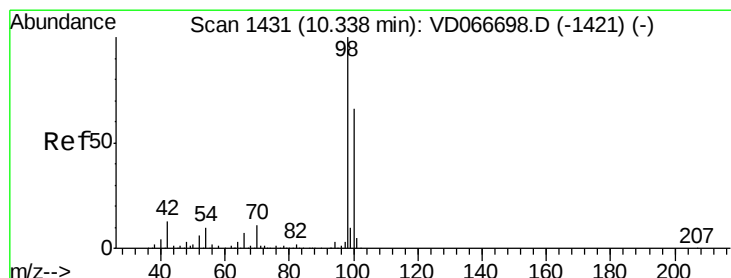
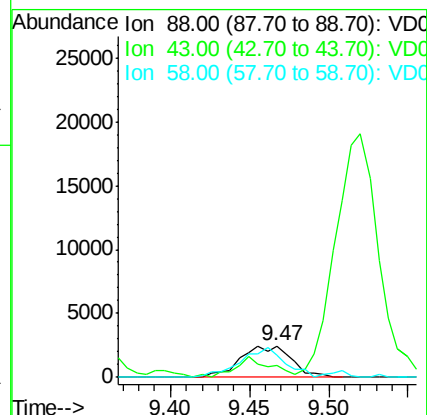
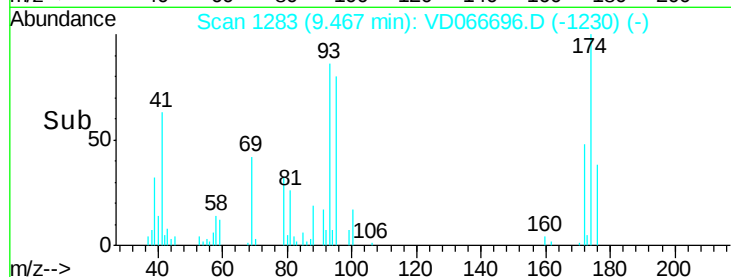
58 82.2 51.4 77.2#



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: 9.221 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066696.D

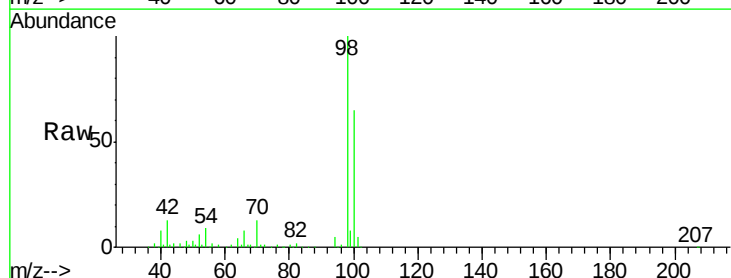
Acq: 15 Sep 2020 13:55

Tgt Ion: 98 Resp: 135931

Ion Ratio Lower Upper

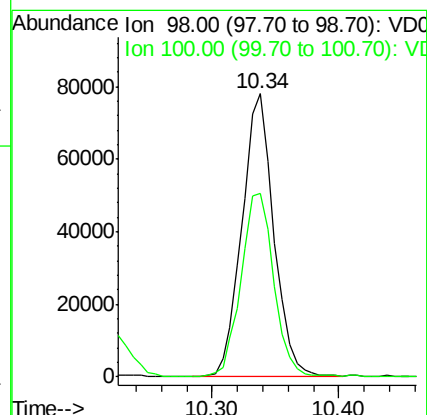
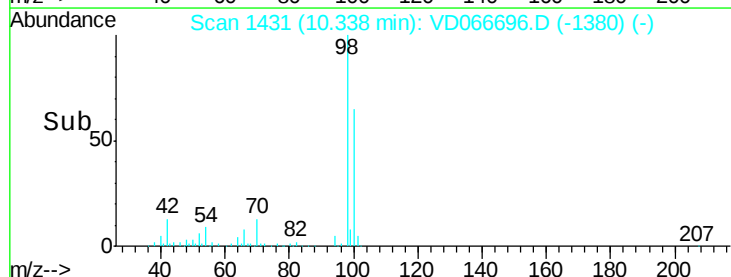
98 100

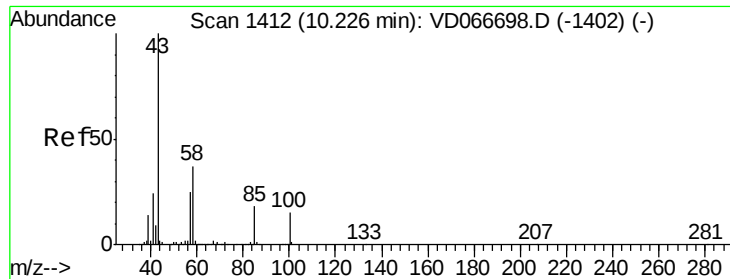
100 67.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

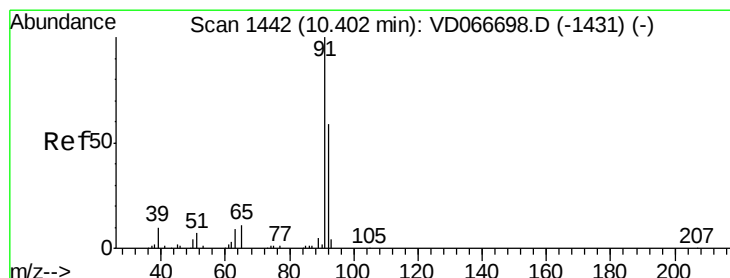
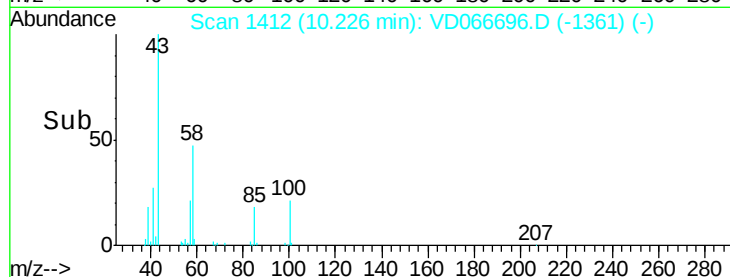
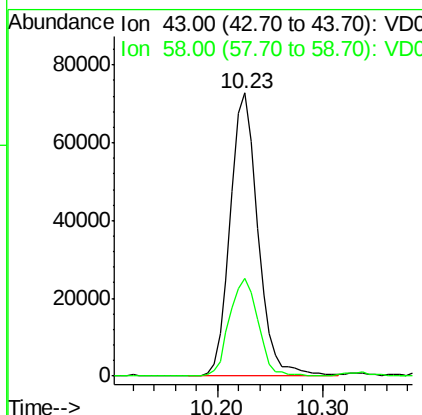
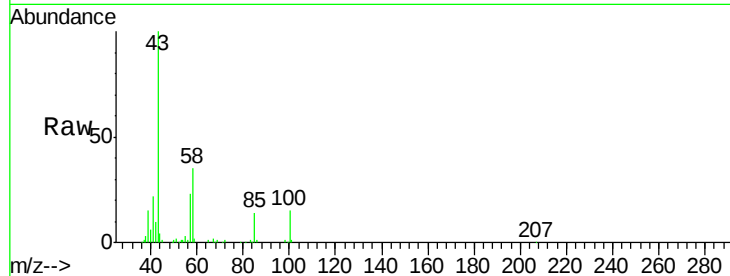




#51
 4-Methyl-2-Pentanone
 Concen: 52.131 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

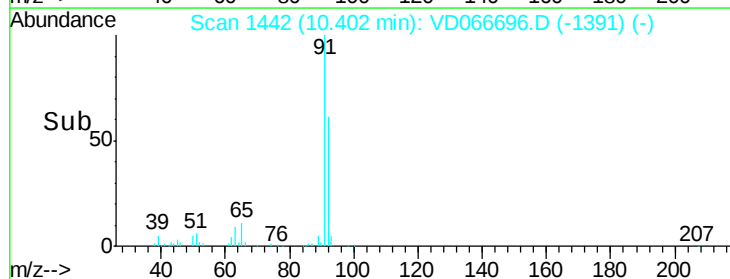
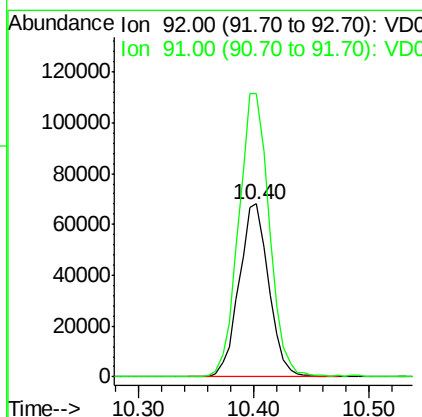
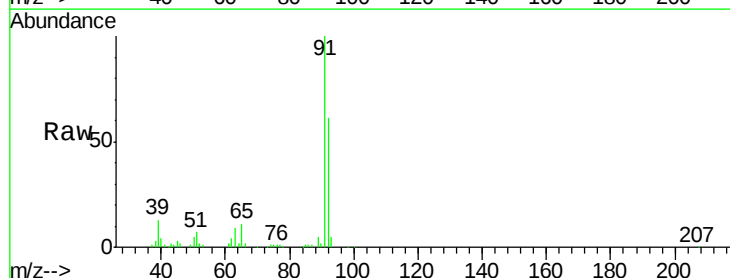
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

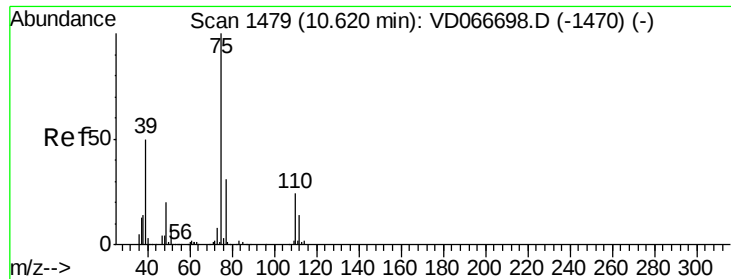
Tgt Ion: 43 Resp: 132694
 Ion Ratio Lower Upper
 43 100
 58 35.5 30.4 45.6



#52
 Toluene
 Concen: 10.126 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Tgt Ion: 92 Resp: 121764
 Ion Ratio Lower Upper
 92 100
 91 168.6 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 9.904 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

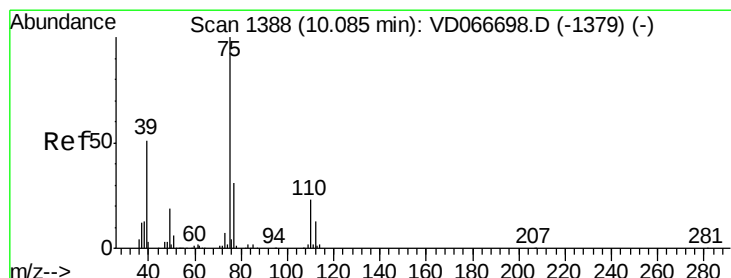
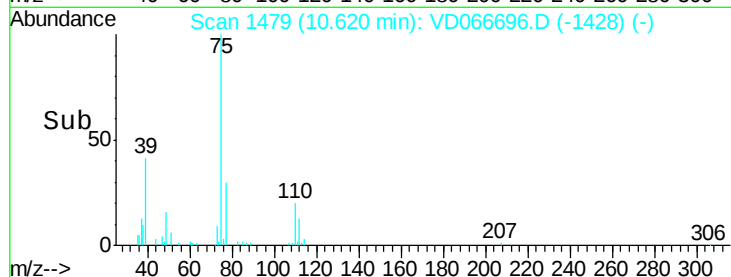
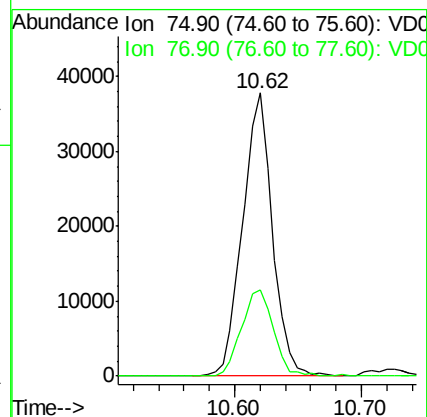
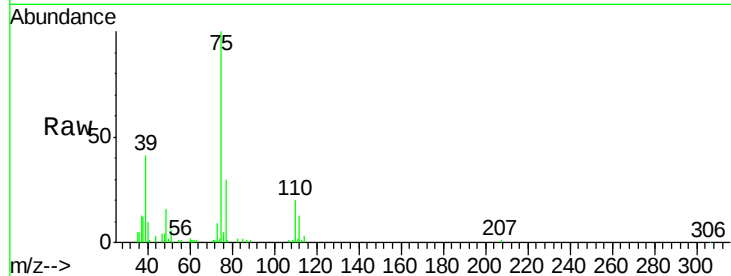
VSTDIC010

Tgt Ion: 75 Resp: 61476

Ion Ratio Lower Upper

75 100

77 30.4 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 9.917 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

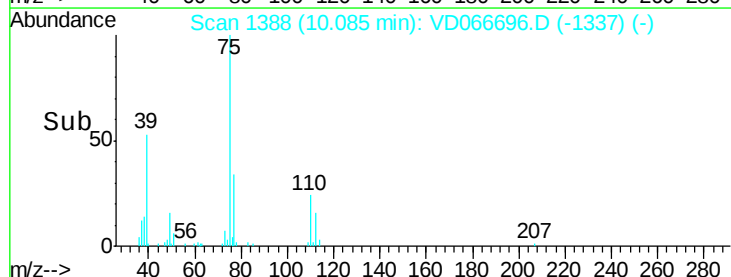
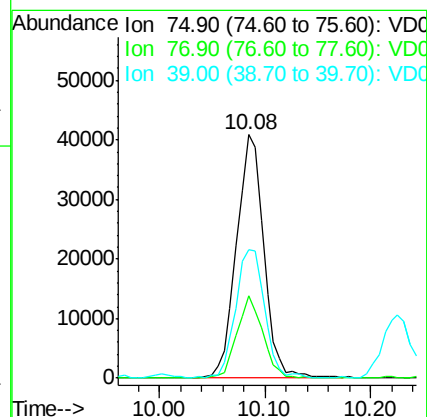
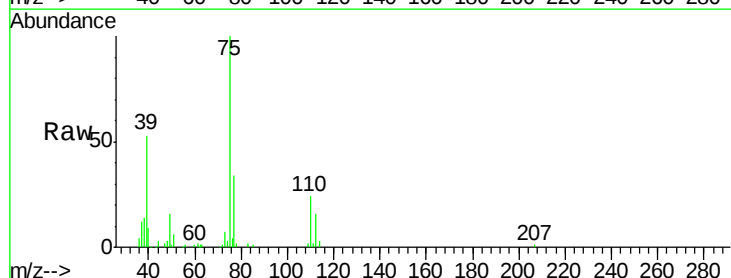
Tgt Ion: 75 Resp: 73119

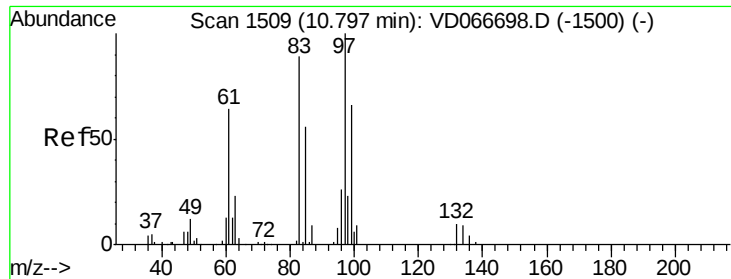
Ion Ratio Lower Upper

75 100

77 33.9 25.0 37.6

39 52.9 40.6 61.0





#55

1,1,2-Trichloroethane

Concen: 10.441 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 35103

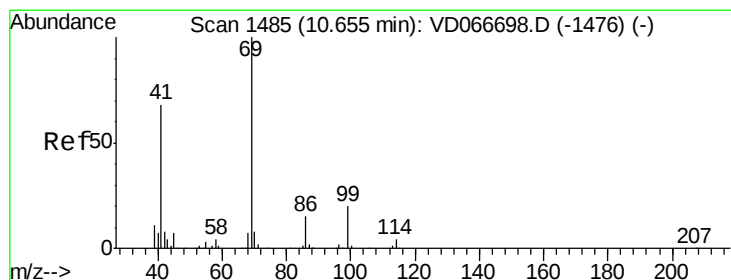
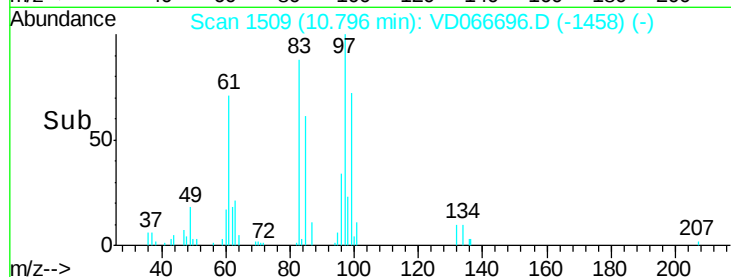
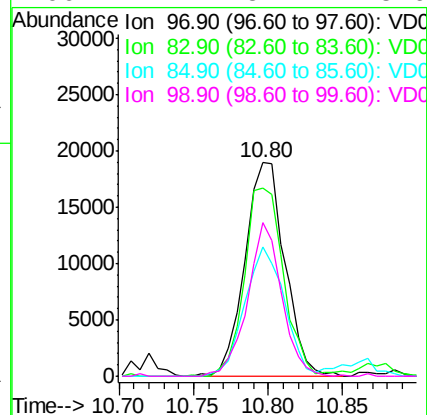
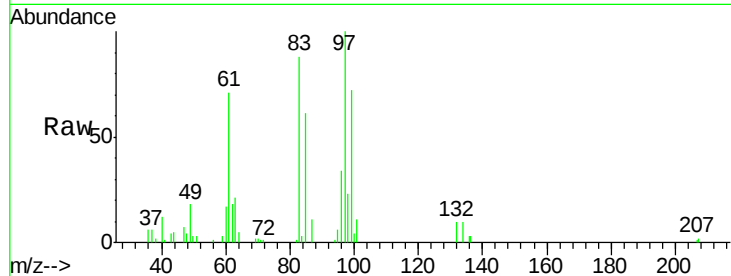
Ion Ratio Lower Upper

97 100

83 87.0 71.4 107.2

85 60.5 44.7 67.1

99 71.7 52.4 78.6



#56

Ethyl methacrylate

Concen: 9.633 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

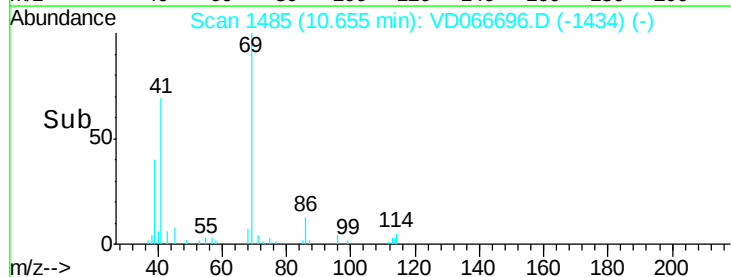
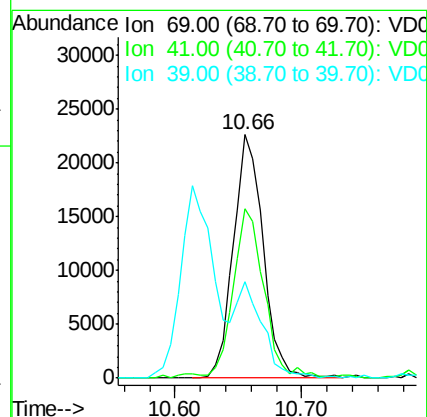
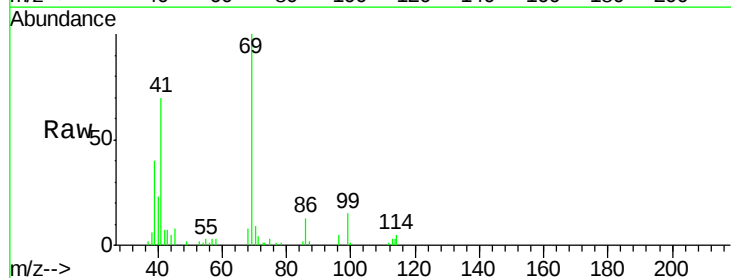
Tgt Ion: 69 Resp: 36752

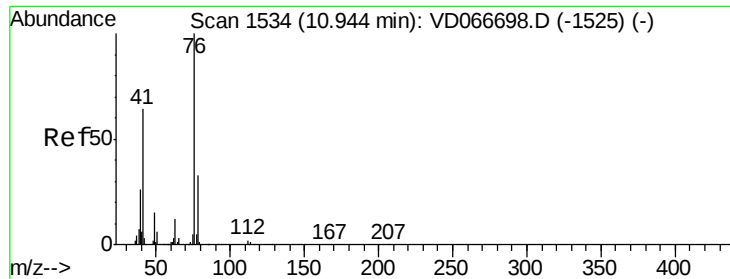
Ion Ratio Lower Upper

69 100

41 73.5 55.5 83.3

39 34.8 29.7 44.5

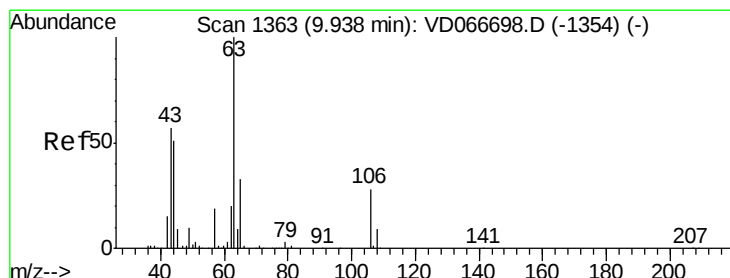
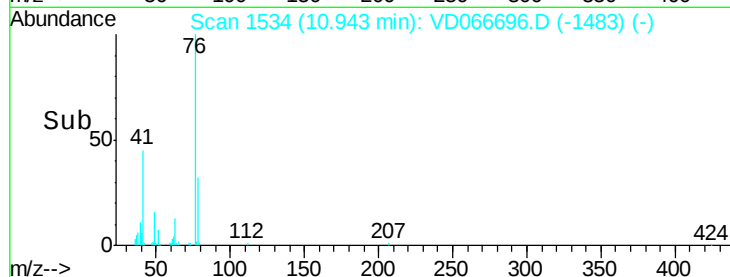
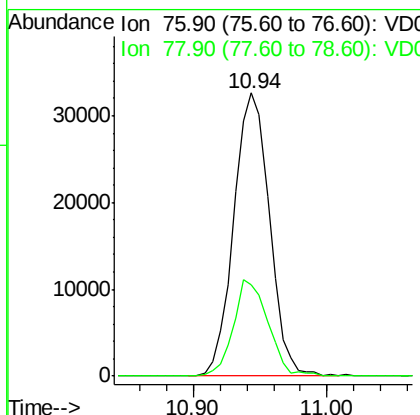
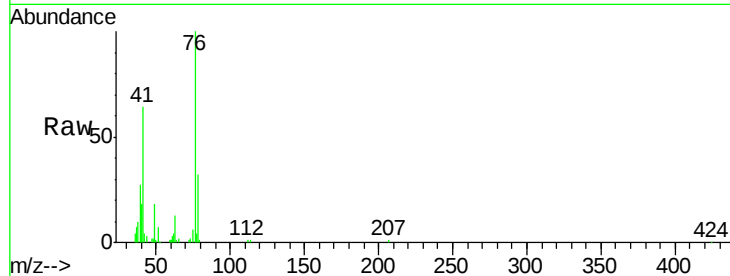




#57
 1,3-Dichloropropane
 Concen: 10.250 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

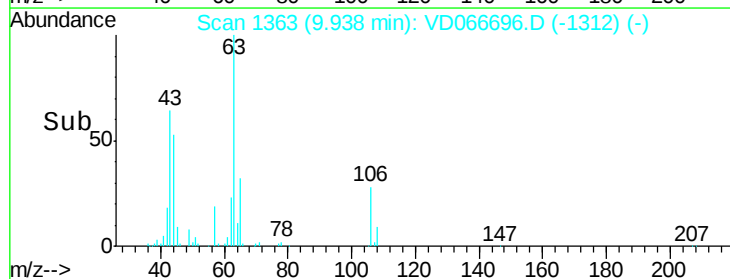
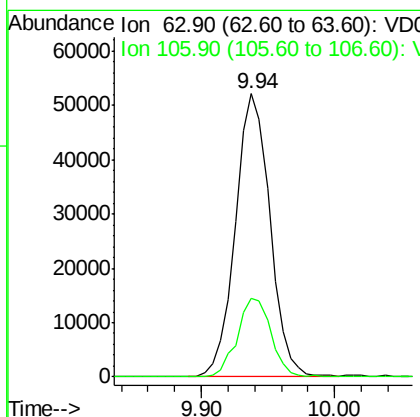
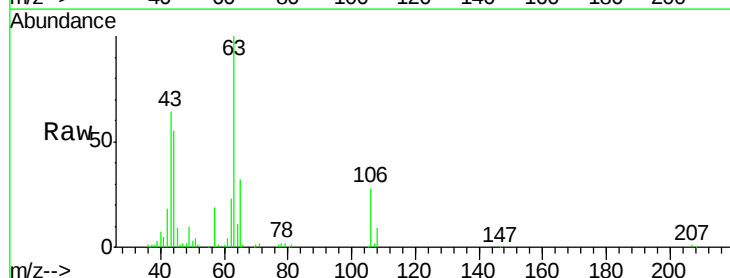
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

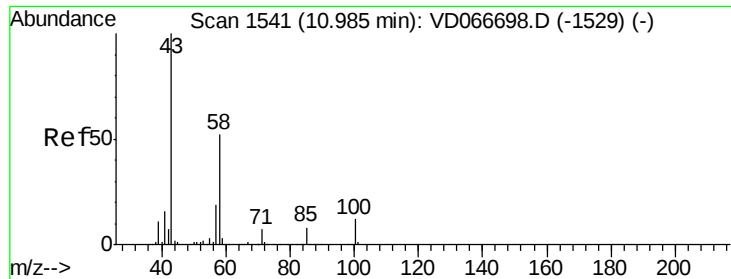
Tgt Ion: 76 Resp: 60478
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 55.793 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Tgt Ion: 63 Resp: 93491
 Ion Ratio Lower Upper
 63 100
 106 27.4 22.2 33.4

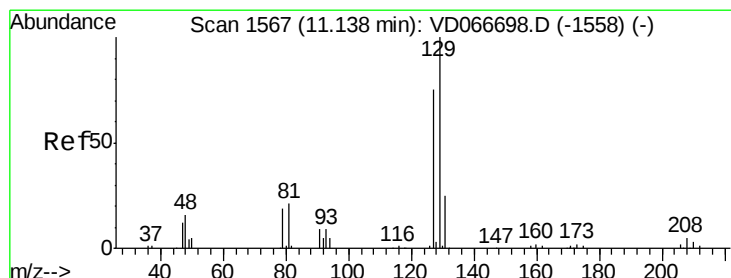
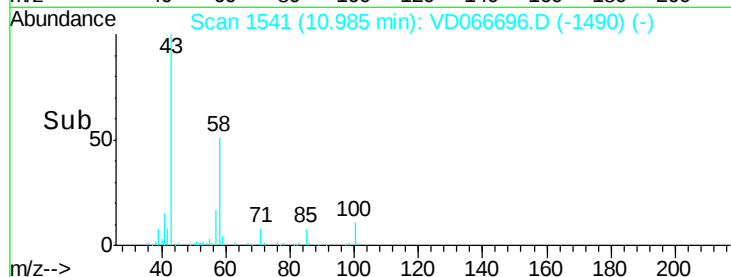
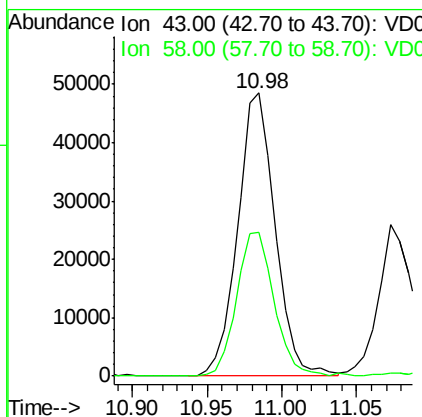
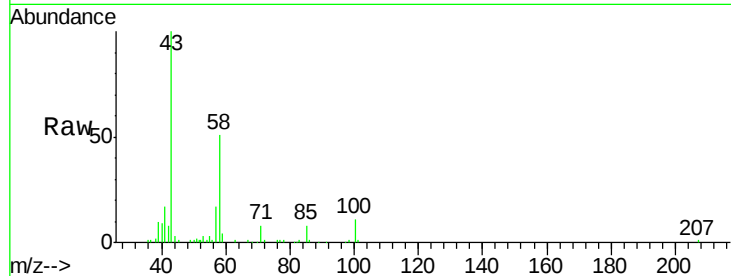




#59
2-Hexanone
Concen: 49.300 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

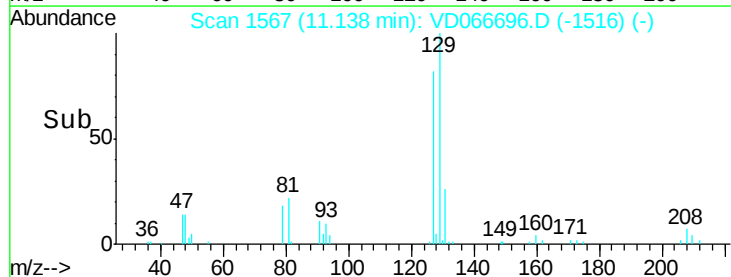
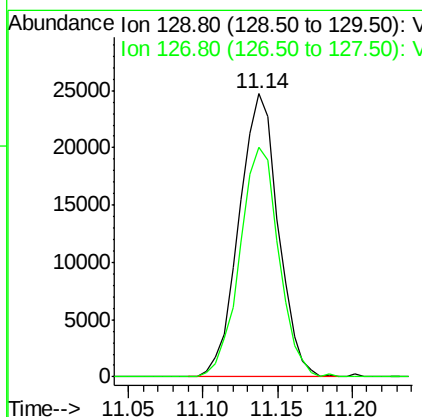
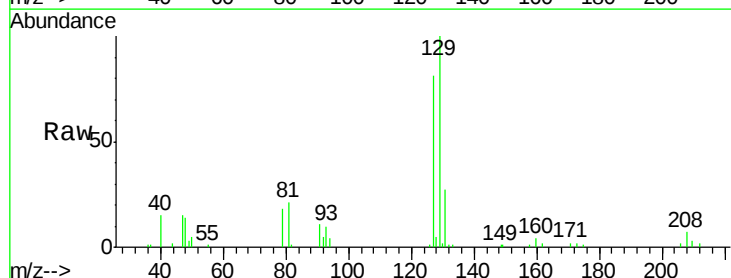
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

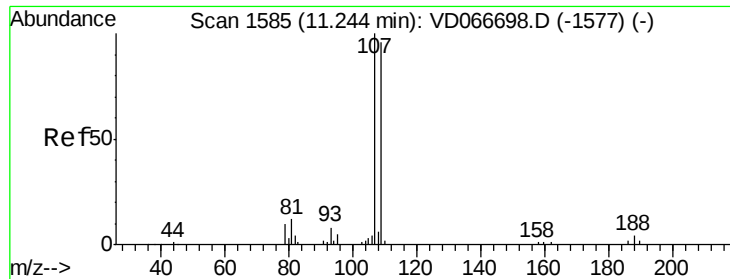
Tgt Ion: 43 Resp: 84317
Ion Ratio Lower Upper
43 100
58 51.1 26.2 78.5



#60
Dibromochloromethane
Concen: 10.251 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion: 129 Resp: 44910
Ion Ratio Lower Upper
129 100
127 80.6 38.1 114.3

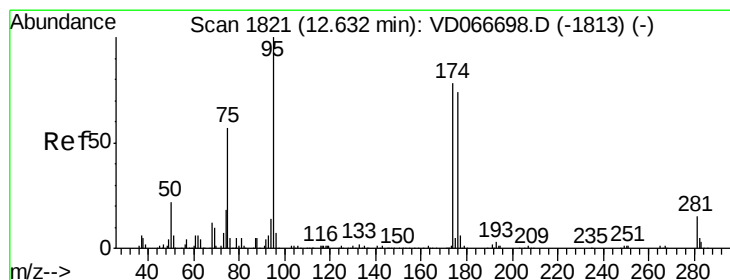
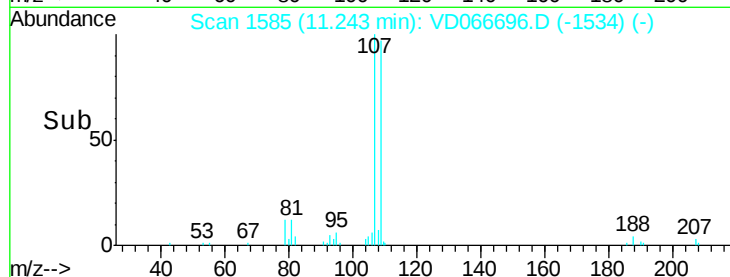
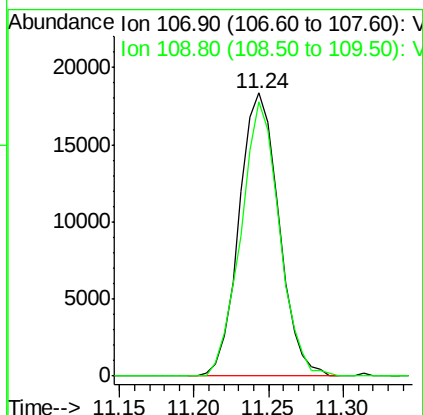
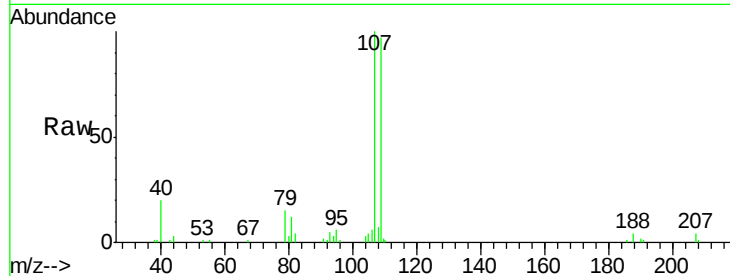




#61
 1,2-Dibromoethane
 Concen: 10.523 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

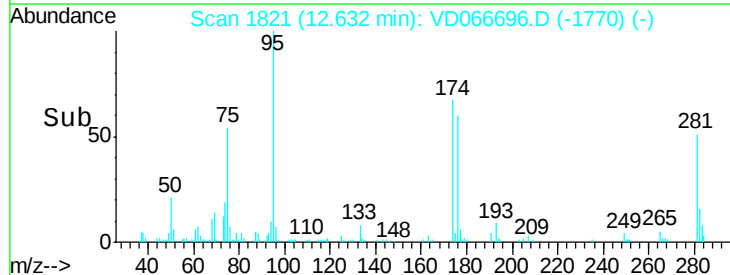
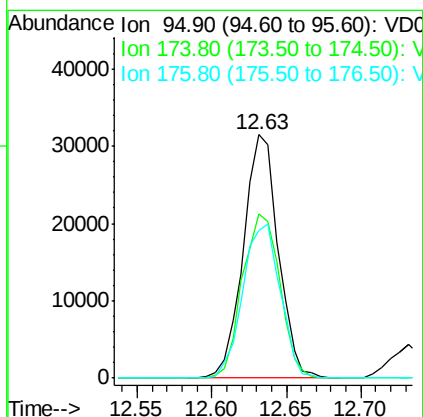
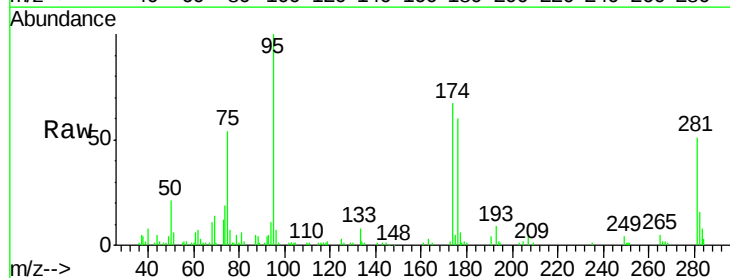
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

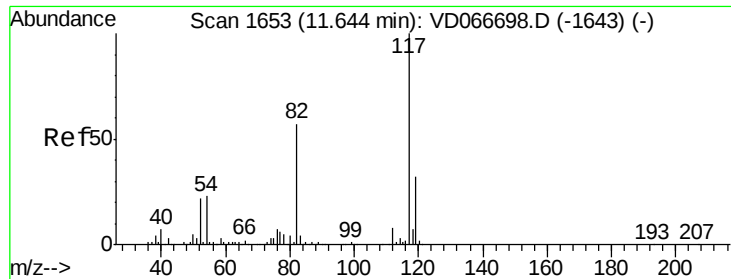
Tgt Ion: 107 Resp: 33937
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 10.001 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Tgt Ion: 95 Resp: 50887
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 156.6
 176 67.7 0.0 150.2

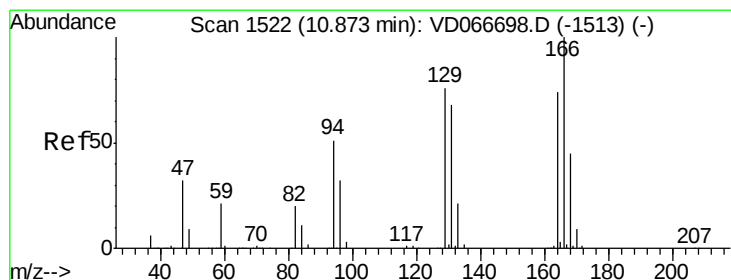
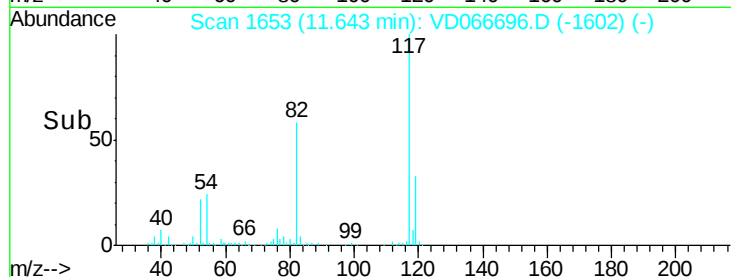
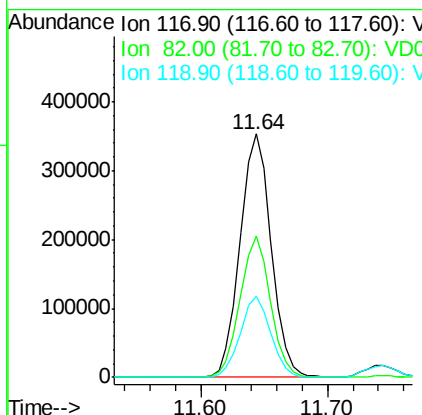
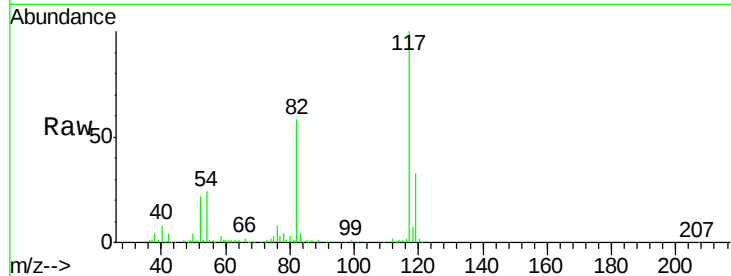




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

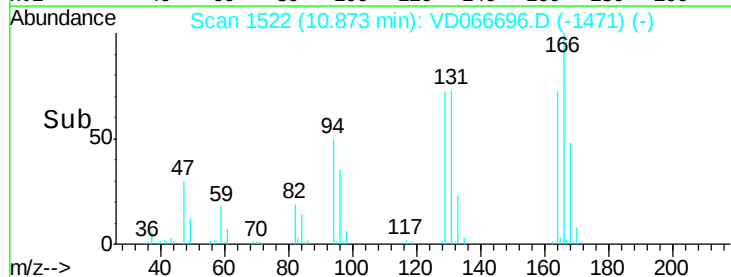
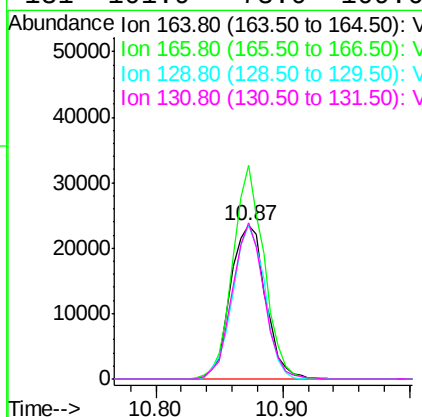
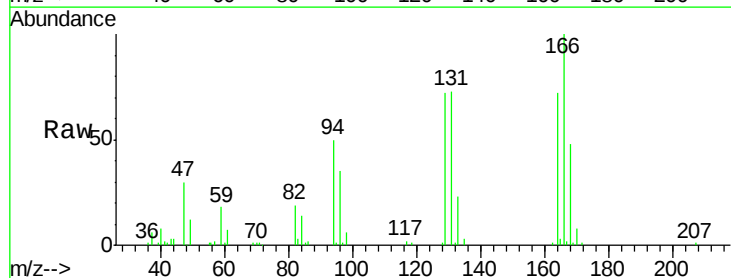
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

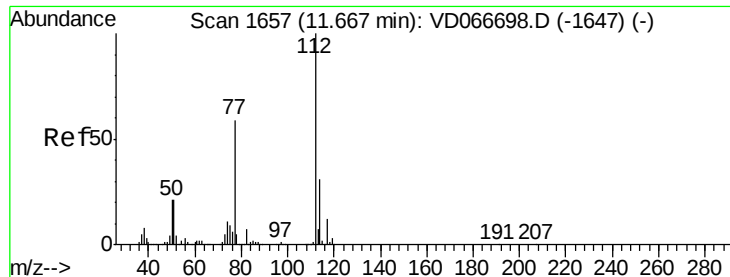
Tgt Ion:117 Resp: 603885
Ion Ratio Lower Upper
117 100
82 57.8 45.4 68.0
119 33.2 25.8 38.6



#64
Tetrachloroethene
Concen: 10.906 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion:164 Resp: 44958
Ion Ratio Lower Upper
164 100
166 139.1 107.5 161.3
129 100.4 81.4 122.0
131 101.9 73.0 109.6

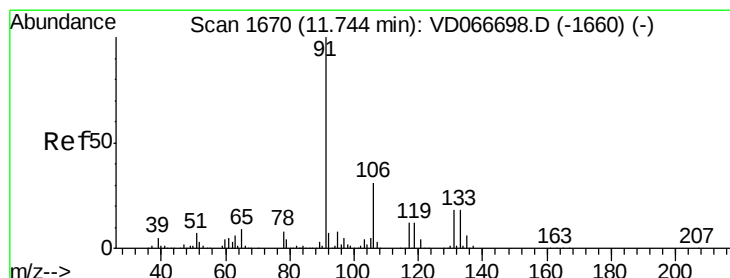
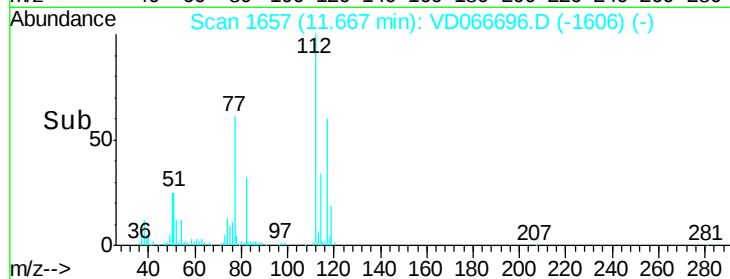
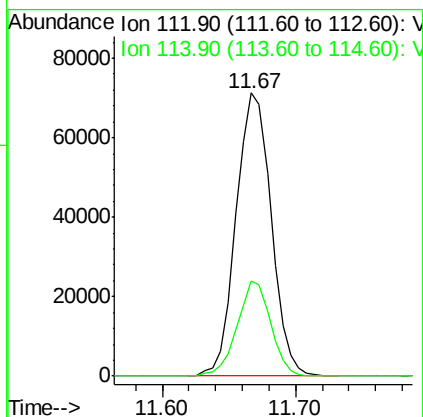
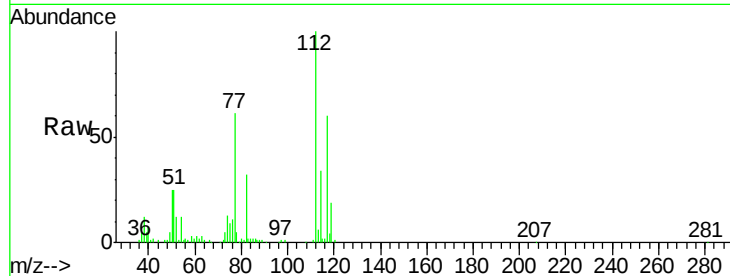




#65
Chlorobenzene
Concen: 10.402 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

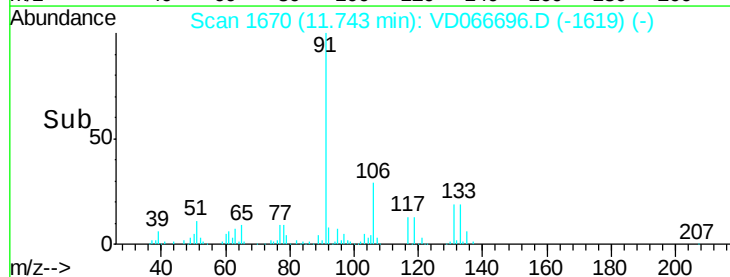
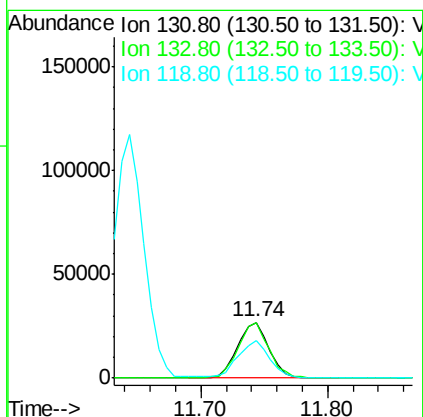
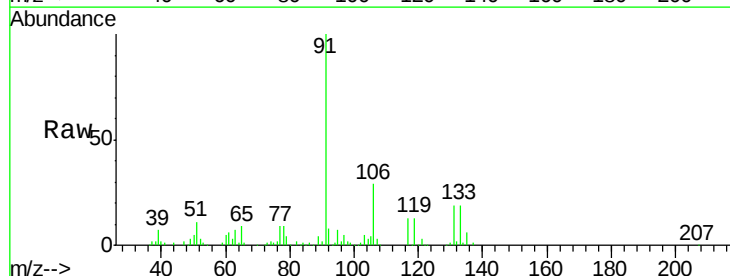
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

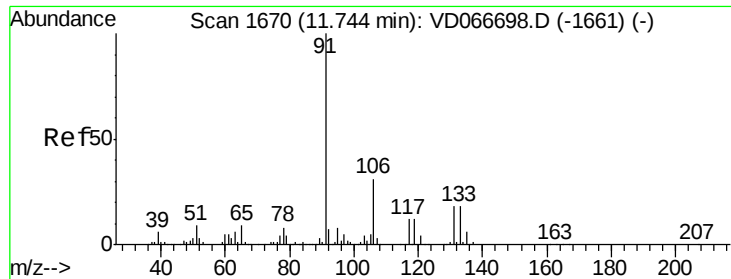
Tgt Ion:112 Resp: 130059
Ion Ratio Lower Upper
112 100
114 33.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 10.045 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion:131 Resp: 46340
Ion Ratio Lower Upper
131 100
133 97.0 47.8 143.3
119 67.4 33.6 100.8

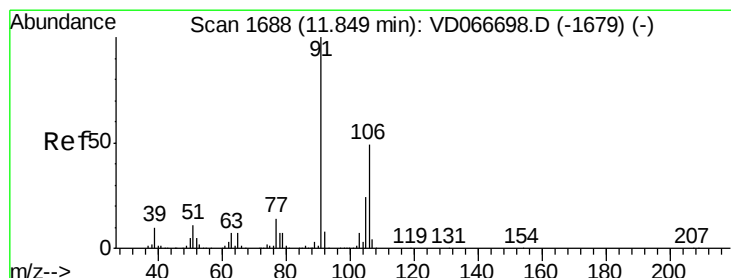
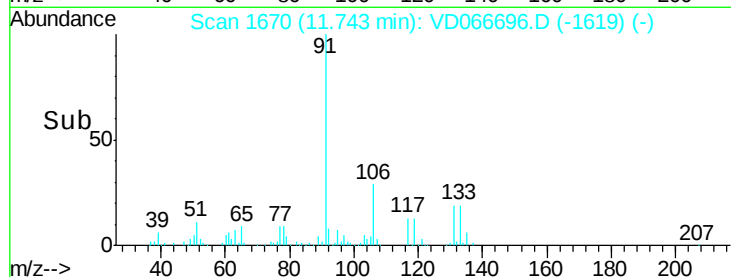
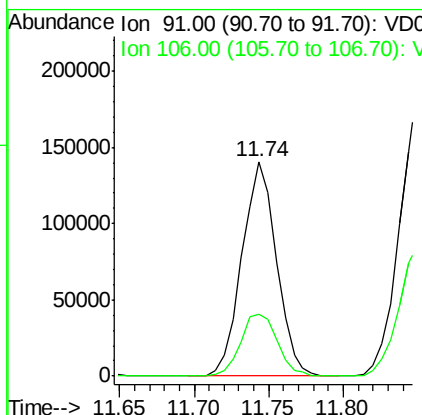
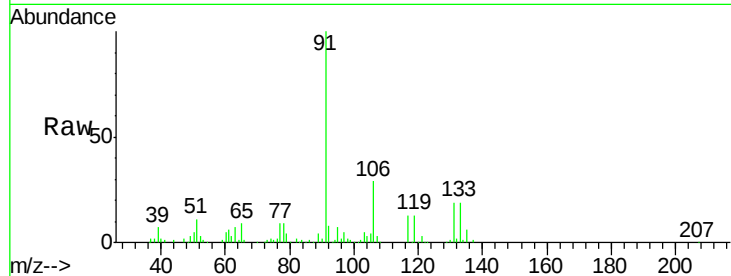




#67
Ethyl Benzene
Concen: 9.984 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

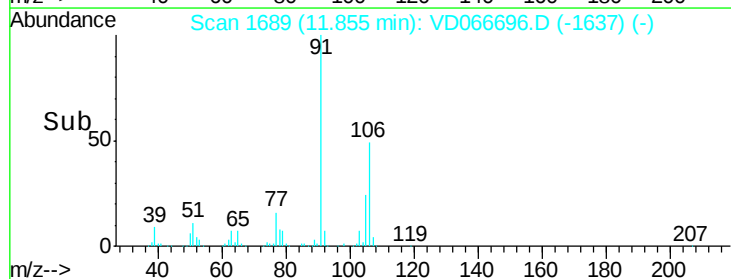
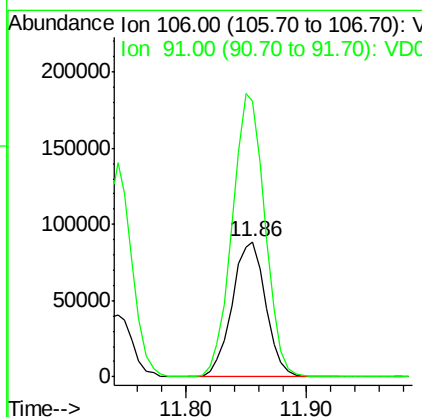
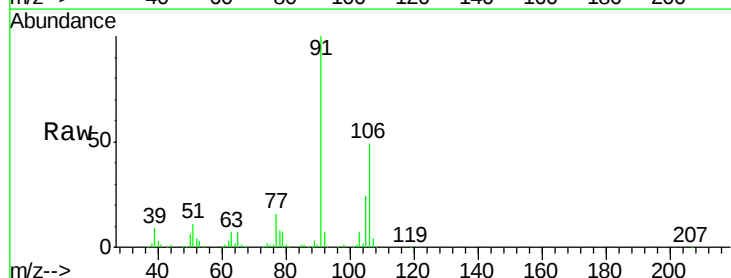
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

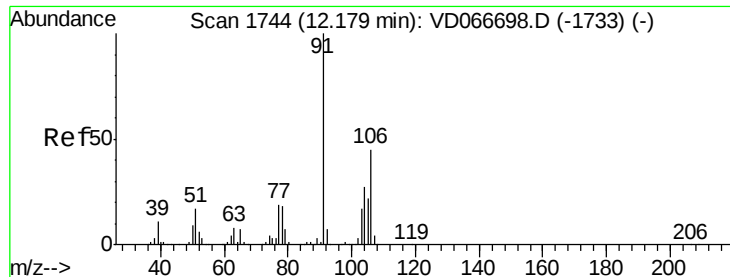
Tgt Ion: 91 Resp: 226109
Ion Ratio Lower Upper
91 100
106 29.0 25.1 37.7



#68
m/p-Xylenes
Concen: 20.038 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion: 106 Resp: 171511
Ion Ratio Lower Upper
106 100
91 204.4 164.8 247.2

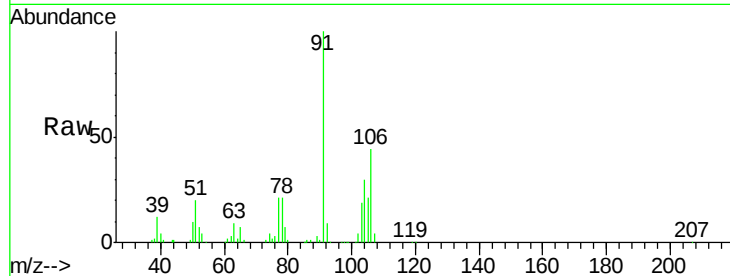




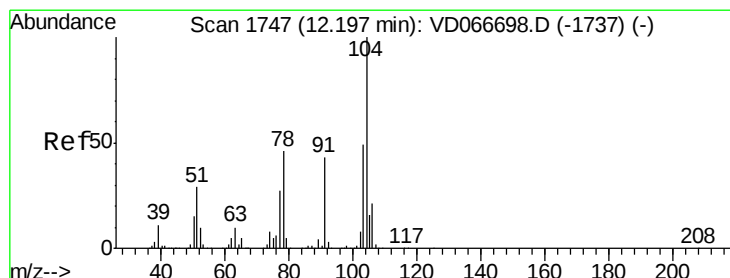
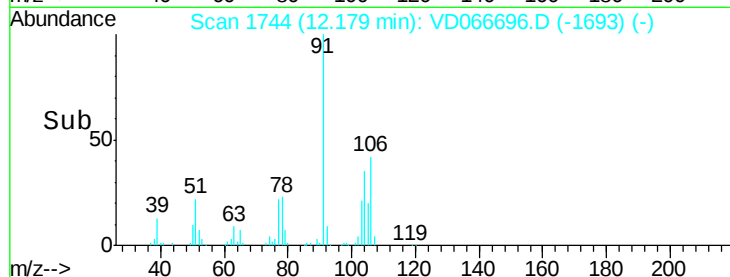
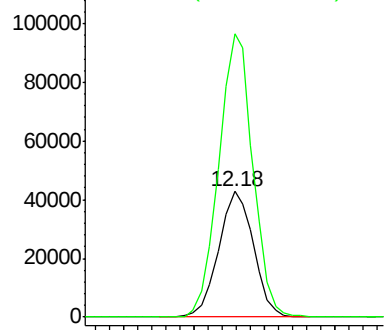
#69
o-Xylene
Concen: 9.802 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 74144
Ion Ratio Lower Upper
106 100
91 219.9 109.4 328.2

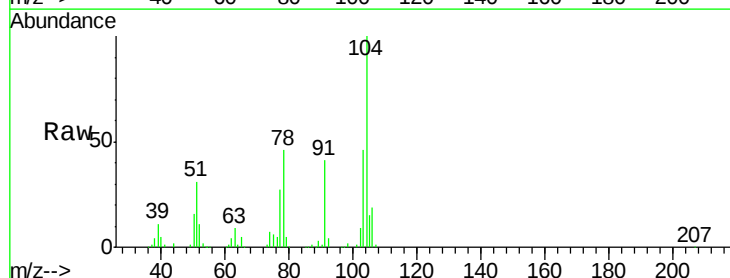


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

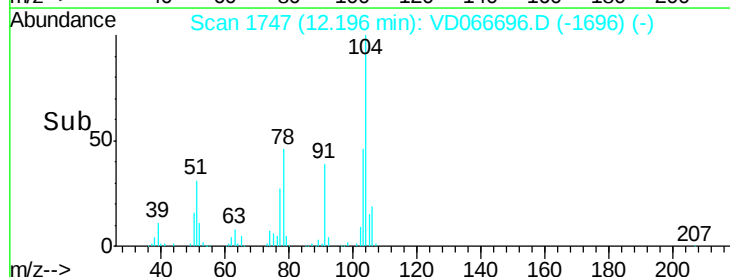
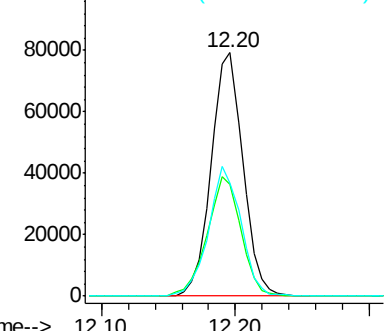


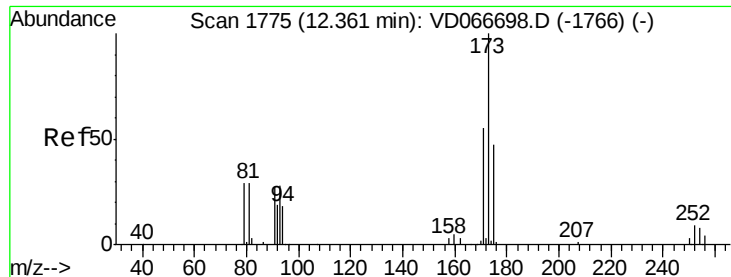
#70
Styrene
Concen: 9.798 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion:104 Resp: 130444
Ion Ratio Lower Upper
104 100
78 52.2 40.2 60.4
103 54.3 42.5 63.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

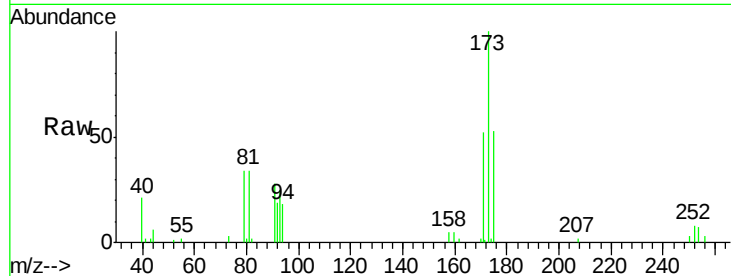




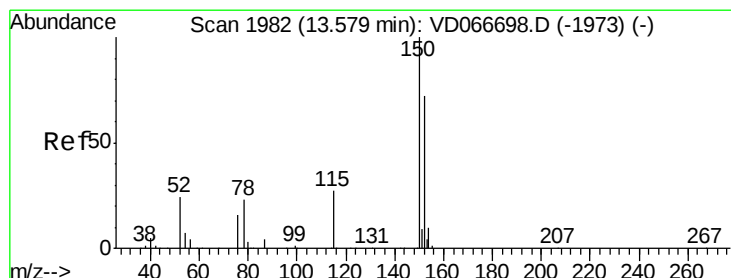
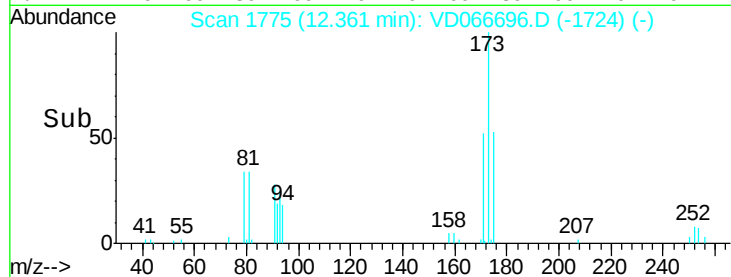
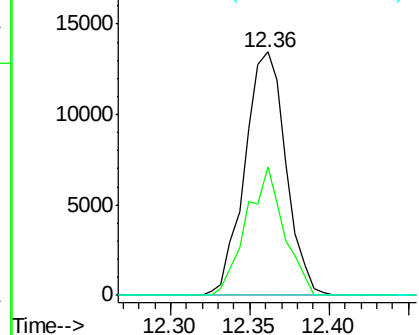
#71
Bromoform
Concen: 10.457 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 24210
Ion Ratio Lower Upper
173 100
175 48.2 24.3 72.8
254 0.0 0.1 0.1#

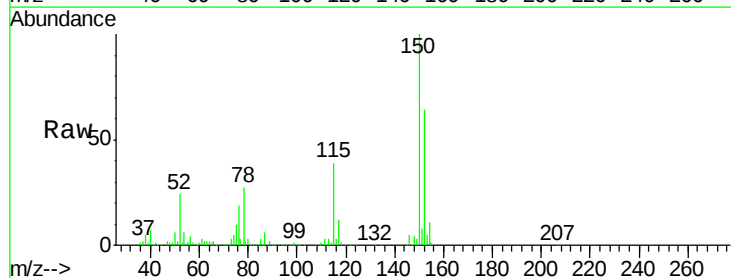


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

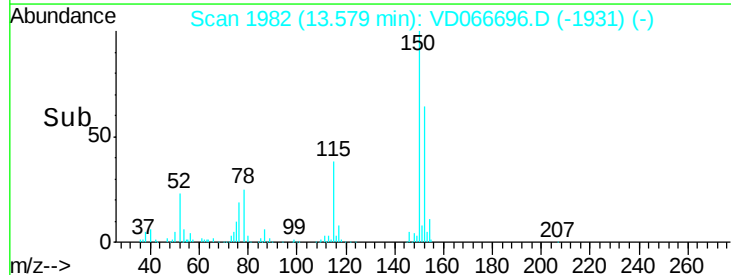
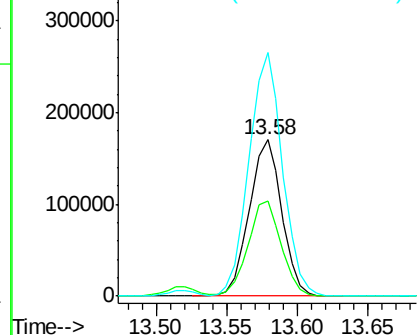


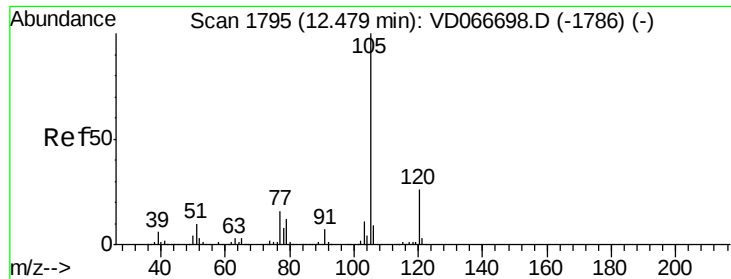
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion:152 Resp: 274135
Ion Ratio Lower Upper
152 100
115 62.3 30.5 91.5
150 161.1 0.0 344.6



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: 9.969 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

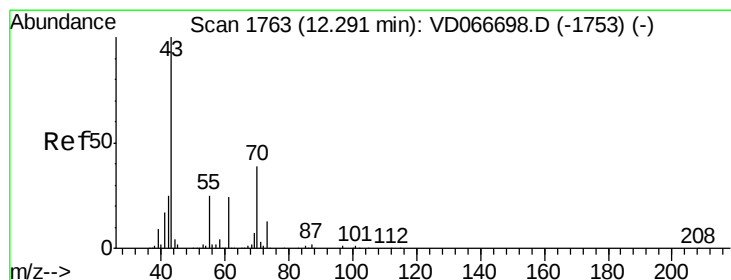
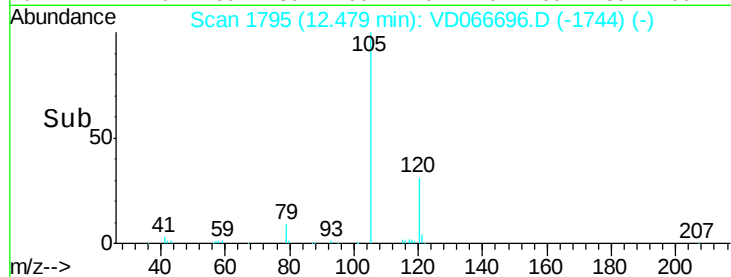
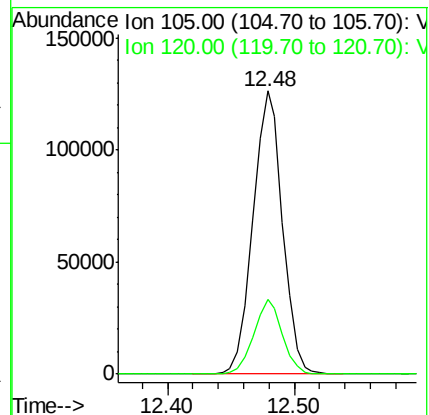
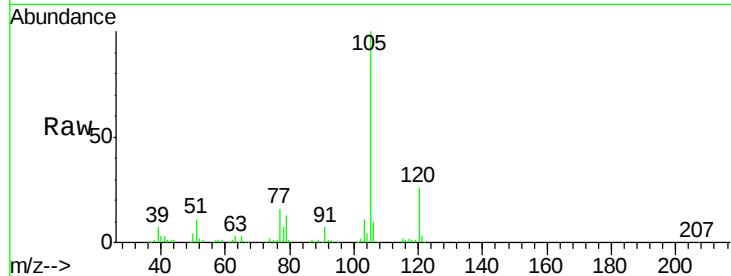
VSTDIC010

Tgt Ion: 105 Resp: 204005

Ion Ratio Lower Upper

105 100

120 25.4 13.1 39.1



#74

N-ethyl acetate

Concen: 10.113 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Tgt Ion: 43 Resp: 43657

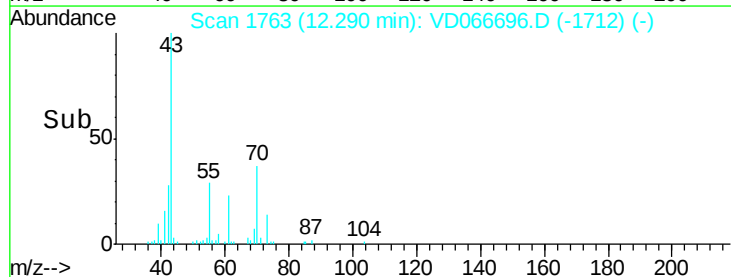
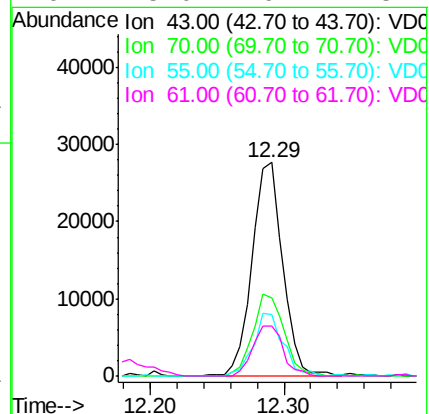
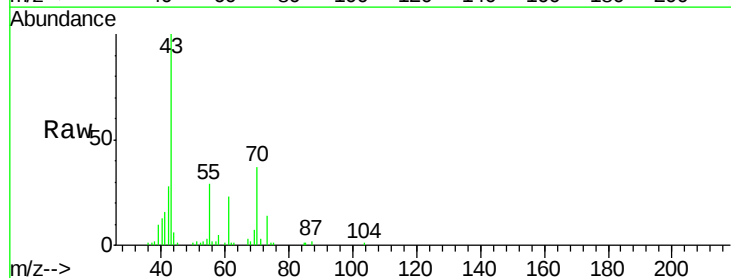
Ion Ratio Lower Upper

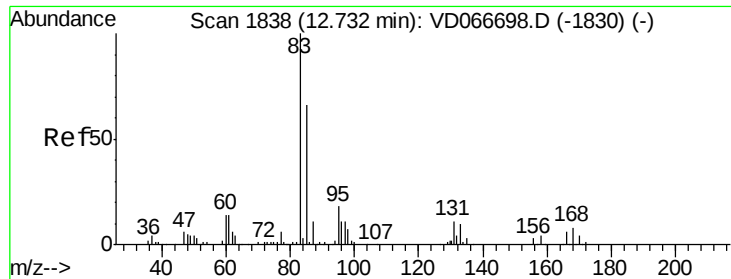
43 100

70 38.9 33.0 49.4

55 28.4 20.6 30.8

61 23.0 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 10.722 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

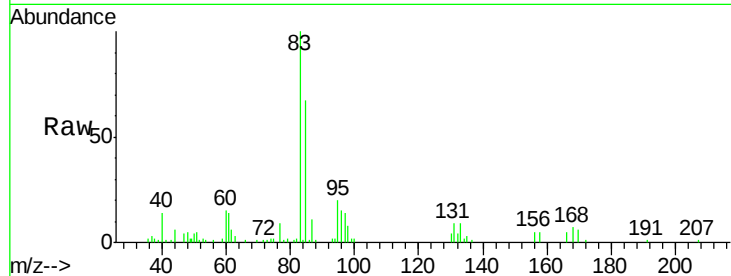
Tgt Ion: 83 Resp: 37286

Ion Ratio Lower Upper

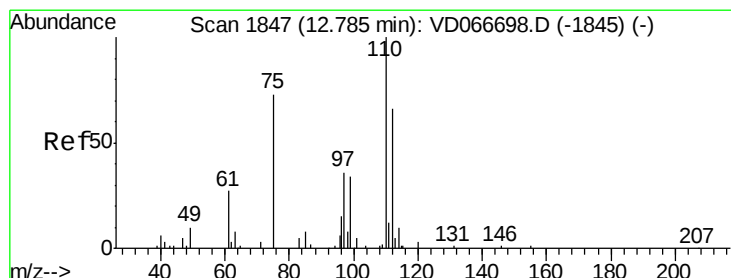
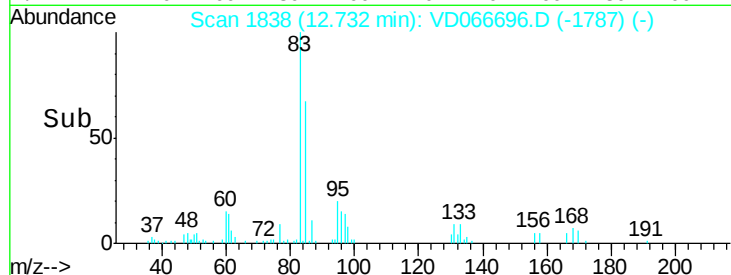
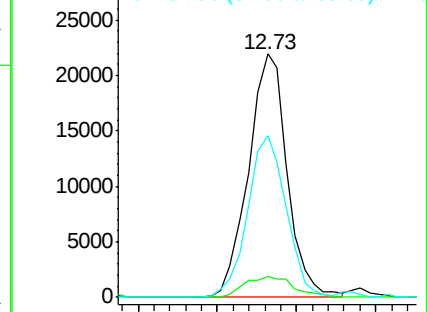
83 100

131 10.7 5.8 17.3

85 66.1 33.3 99.8



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: 20.670 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066696.D

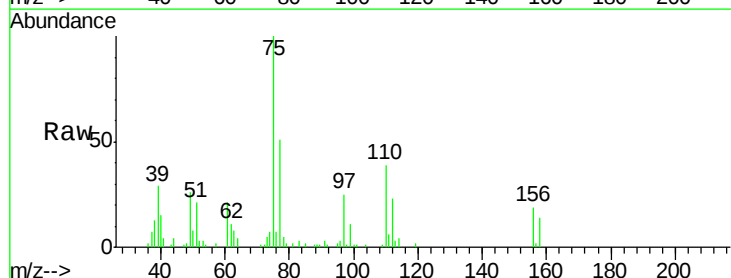
Acq: 15 Sep 2020 13:55

Tgt Ion: 75 Resp: 47956

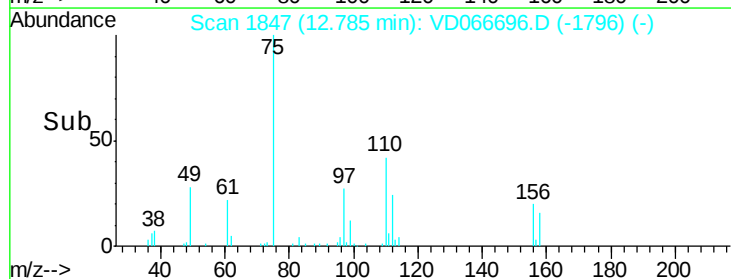
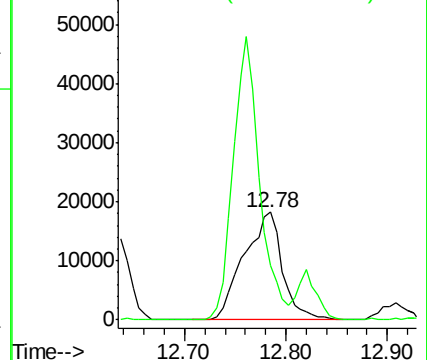
Ion Ratio Lower Upper

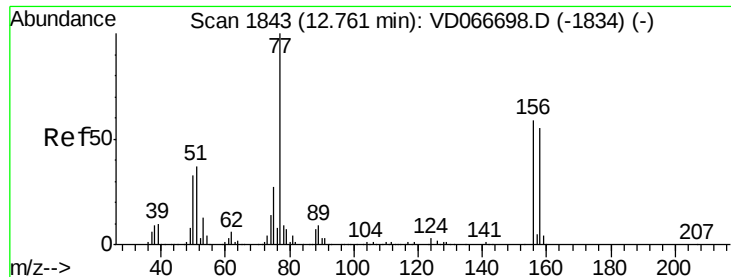
75 100

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: 10.358 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

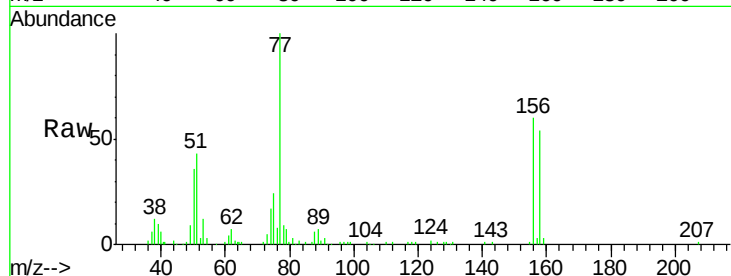
Tgt Ion:156 Resp: 48857

Ion Ratio Lower Upper

156 100

77 177.4 95.8 287.3

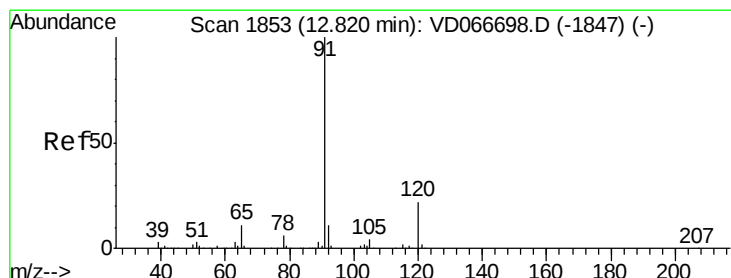
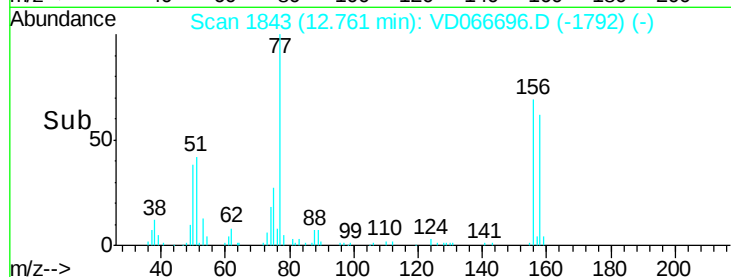
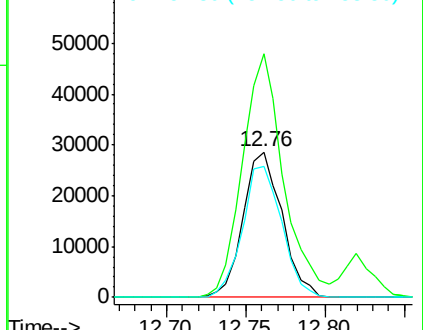
158 91.1 48.4 145.0



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: 10.077 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066696.D

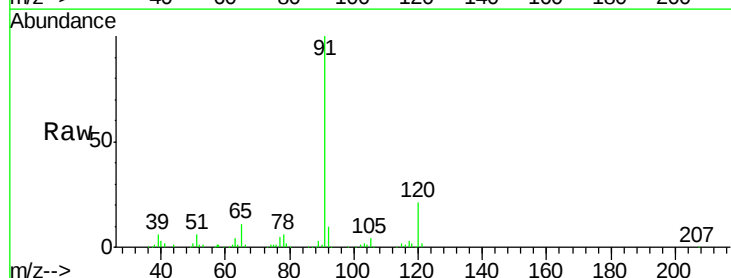
Acq: 15 Sep 2020 13:55

Tgt Ion: 91 Resp: 251380

Ion Ratio Lower Upper

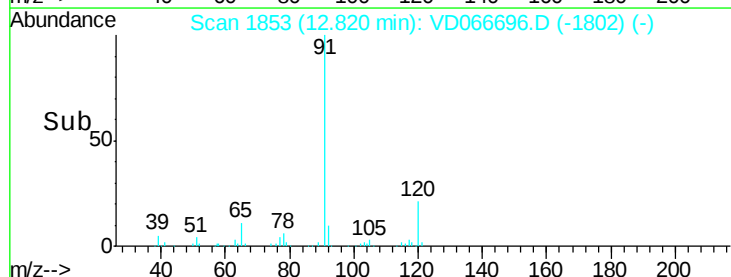
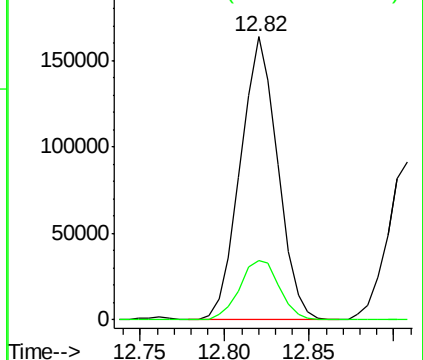
91 100

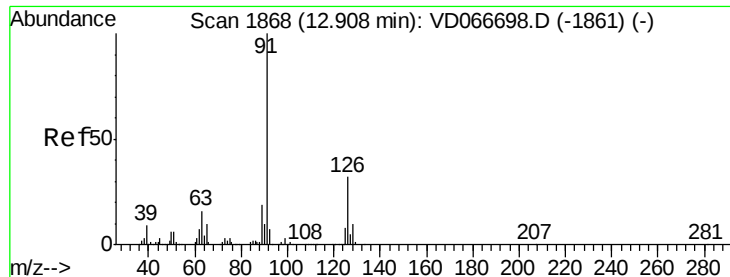
120 22.6 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

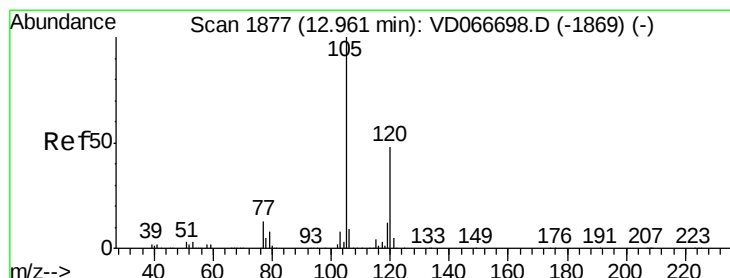
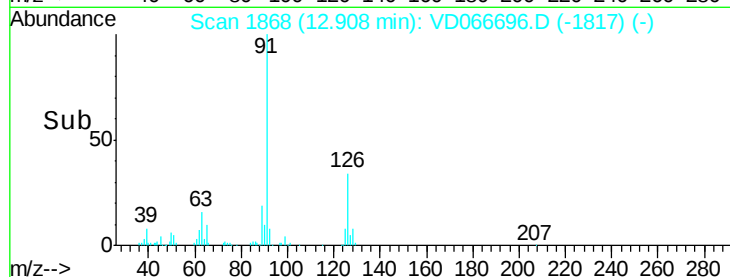
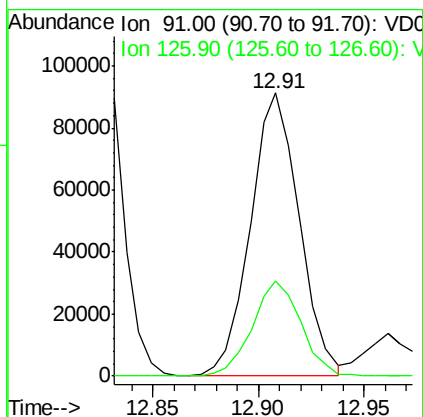
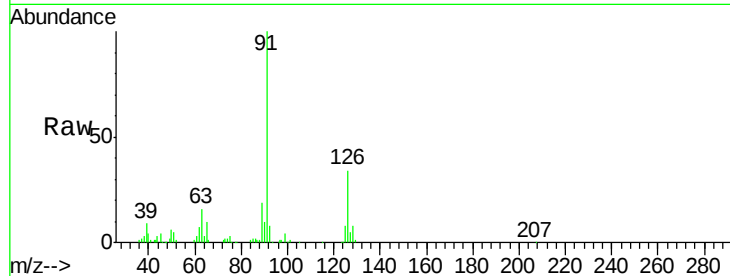




#79
 2-Chlorotoluene
 Concen: 10.362 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

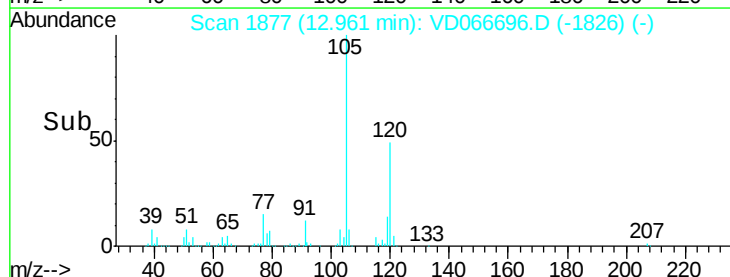
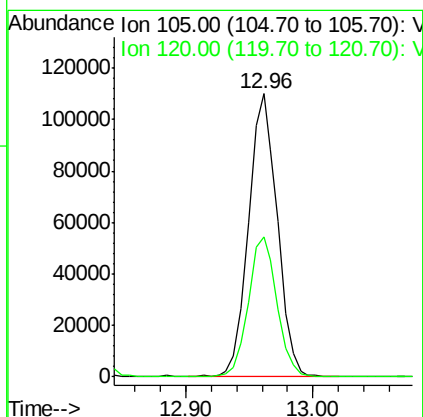
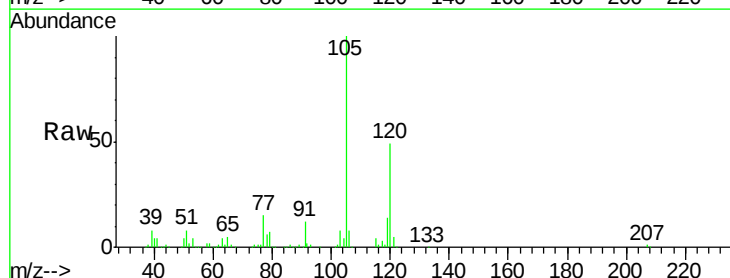
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

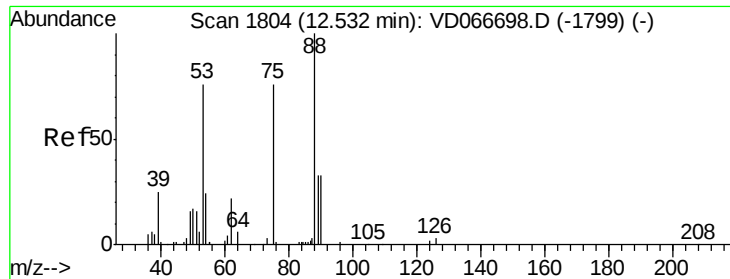
Tgt Ion: 91 Resp: 146172
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 10.043 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Tgt Ion: 105 Resp: 173786
 Ion Ratio Lower Upper
 105 100
 120 49.0 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 10.906 ug/l

RT: 12.52 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

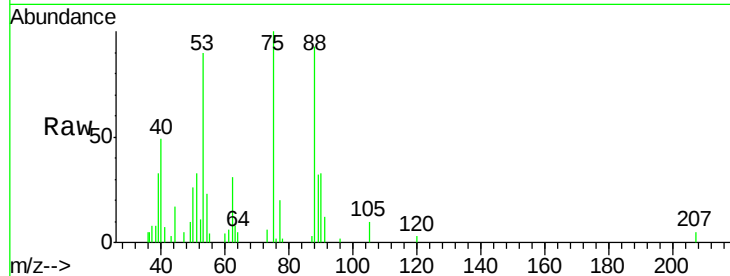
Tgt Ion: 75 Resp: 11858

Ion Ratio Lower Upper

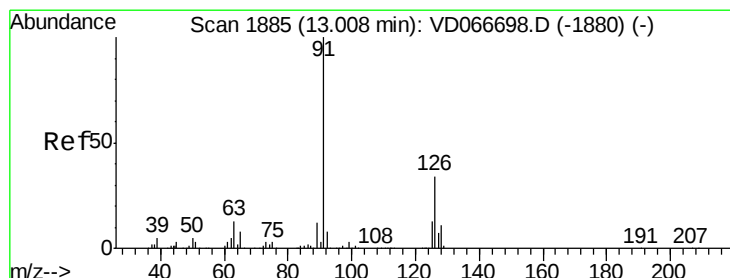
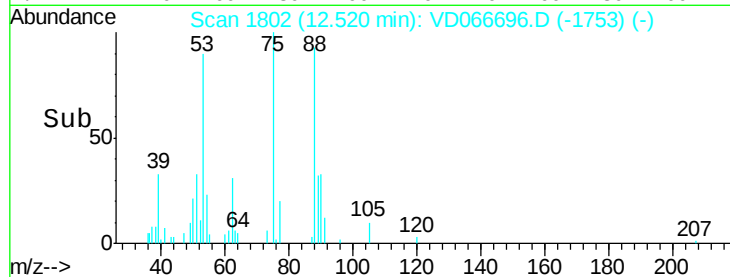
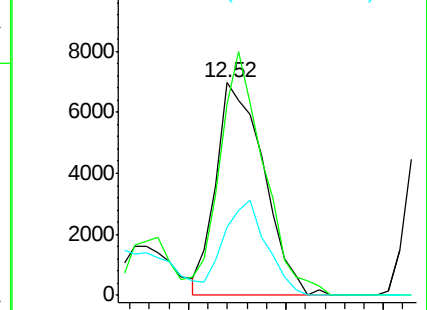
75 100

53 106.4 82.2 123.4

89 39.7 39.6 59.4



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: 10.411 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066696.D

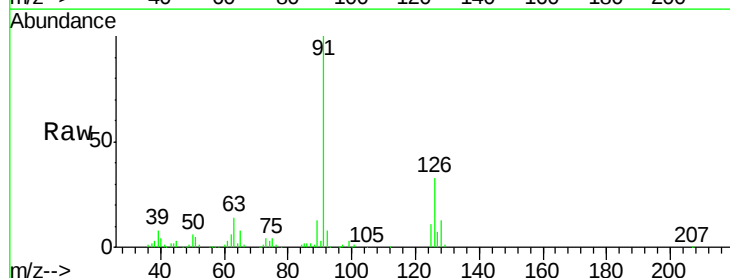
Acq: 15 Sep 2020 13:55

Tgt Ion: 91 Resp: 155282

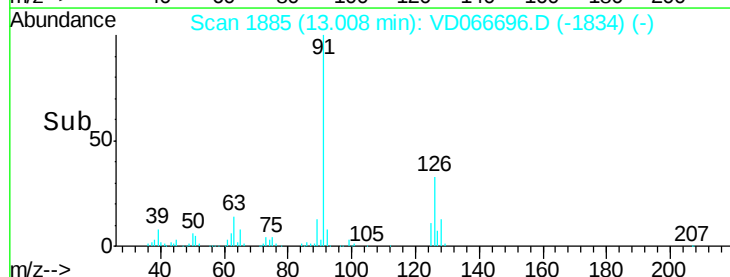
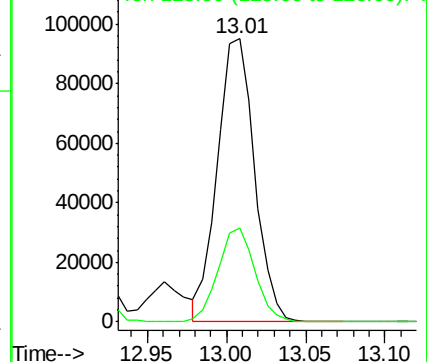
Ion Ratio Lower Upper

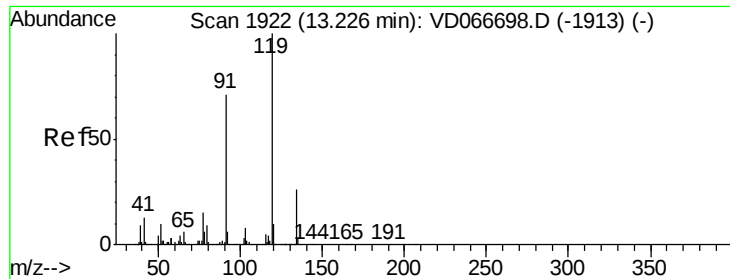
91 100

126 33.0 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V

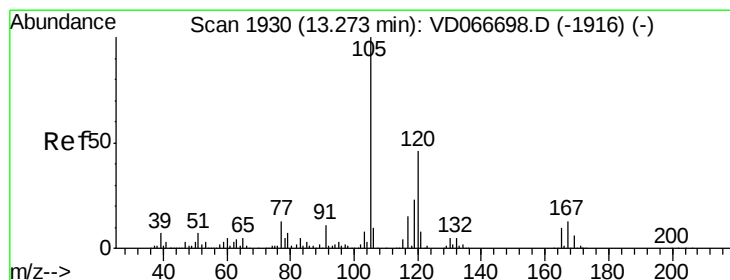
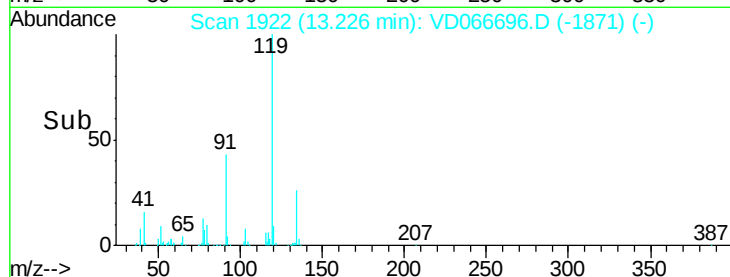
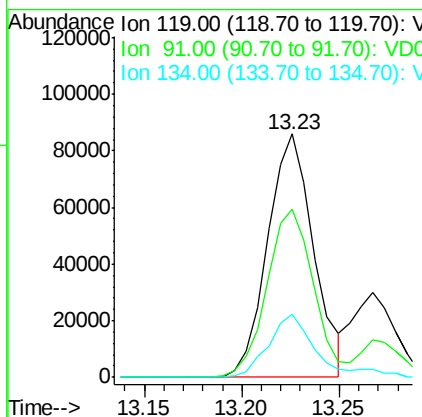
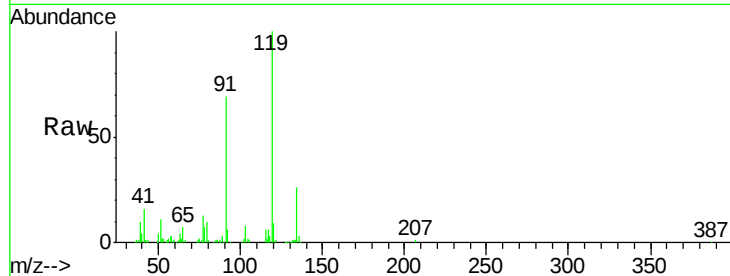




#83
tert-Butylbenzene
Concen: 9.845 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

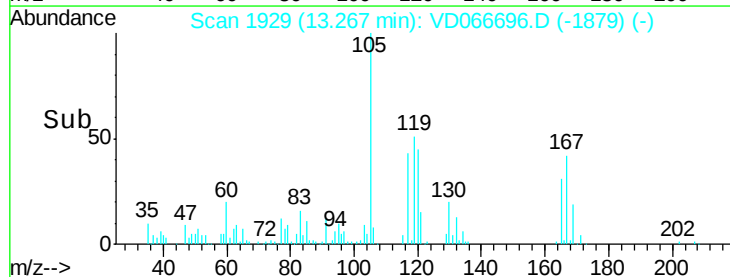
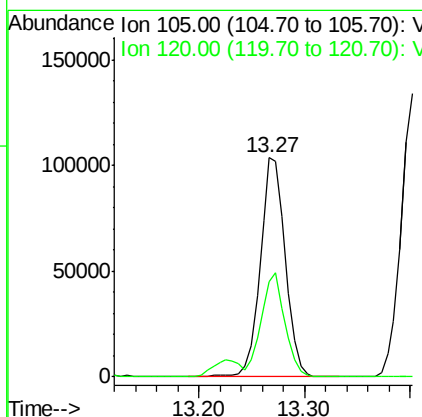
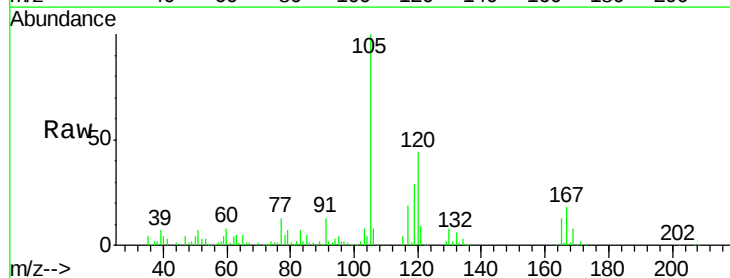
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

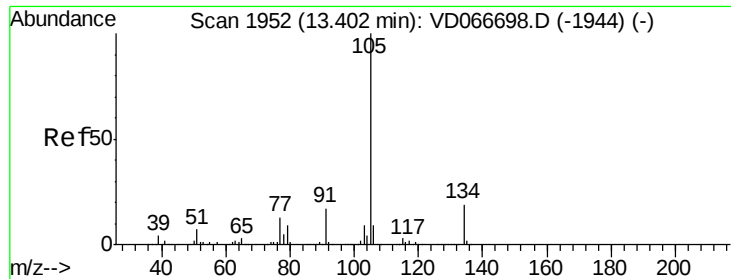
Tgt Ion:119 Resp: 140411
Ion Ratio Lower Upper
119 100
91 70.5 35.0 105.1
134 27.0 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 9.851 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion:105 Resp: 170345
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.2

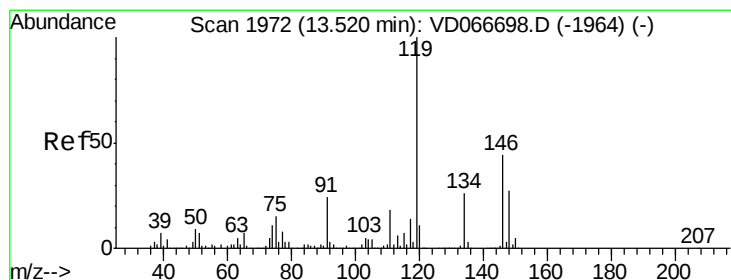
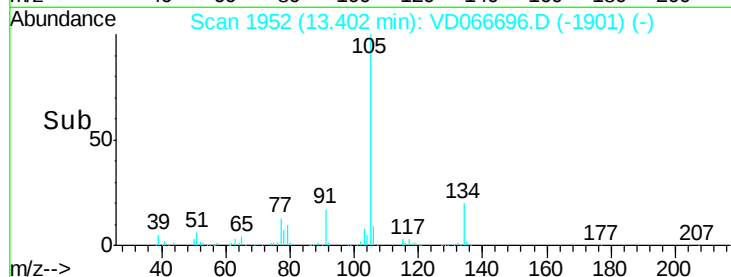
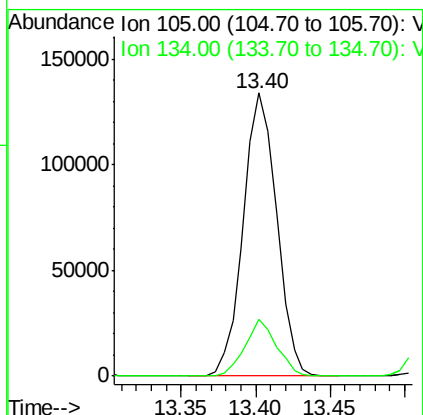
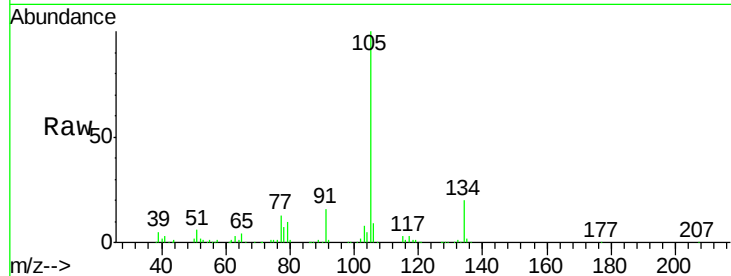




#85
 sec-Butylbenzene
 Concen: 10.168 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

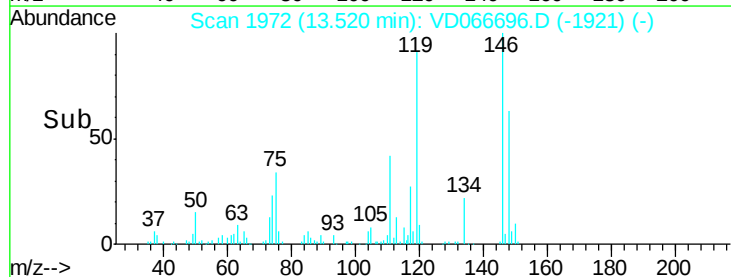
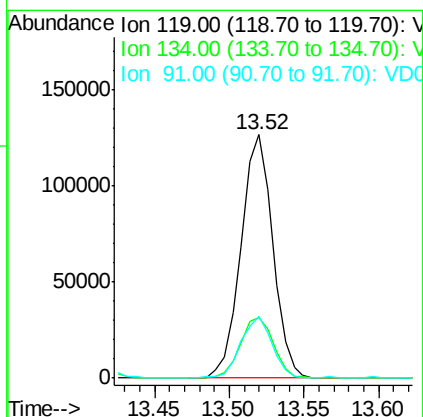
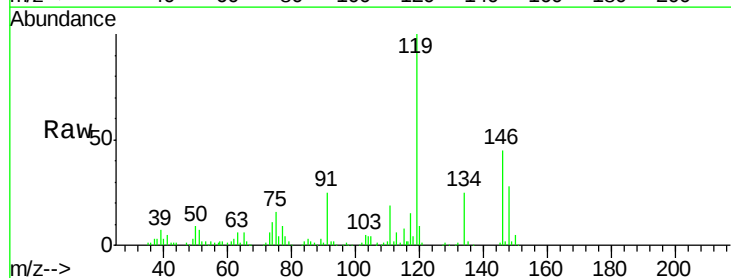
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

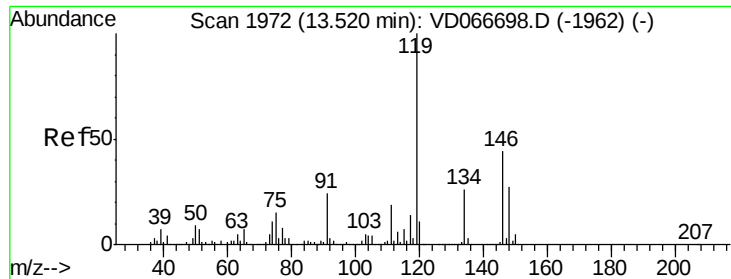
Tgt Ion:105 Resp: 207897
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 10.044 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Tgt Ion:119 Resp: 186692
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 25.4 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 10.421 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

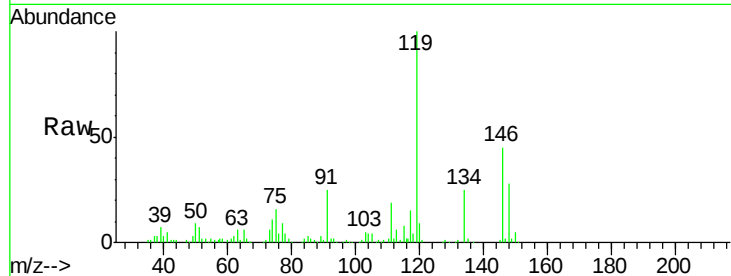
Tgt Ion:146 Resp: 94305

Ion Ratio Lower Upper

146 100

111 43.5 21.1 63.3

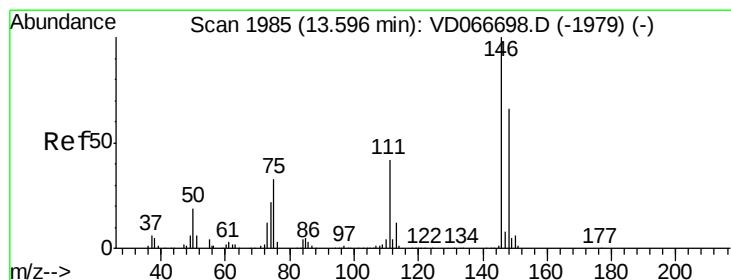
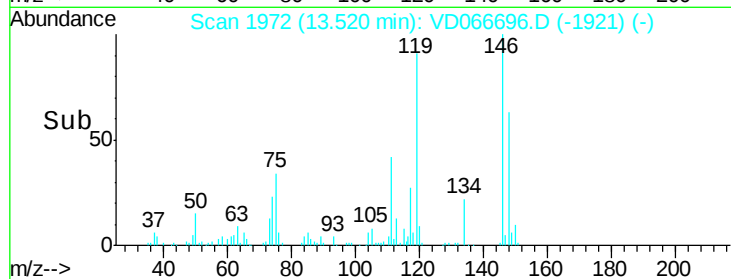
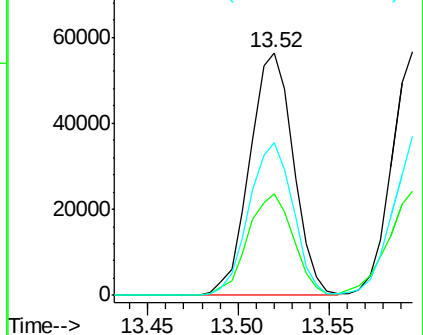
148 63.7 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 10.630 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

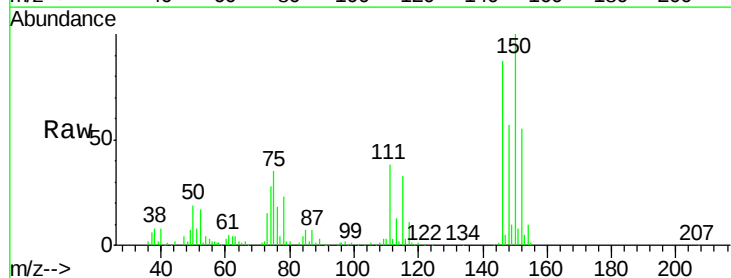
Tgt Ion:146 Resp: 95791

Ion Ratio Lower Upper

146 100

111 45.2 20.5 61.6

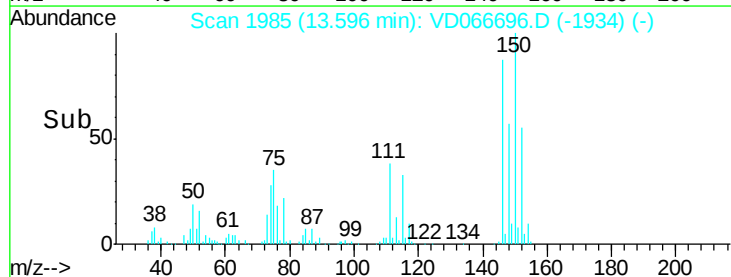
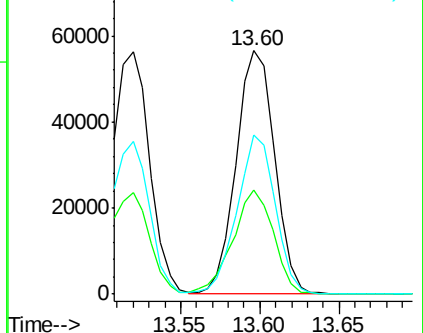
148 64.4 32.7 98.1

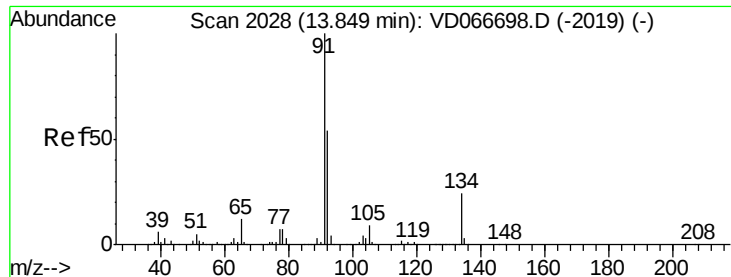


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

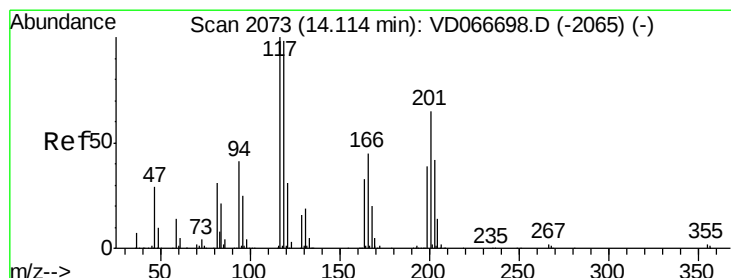
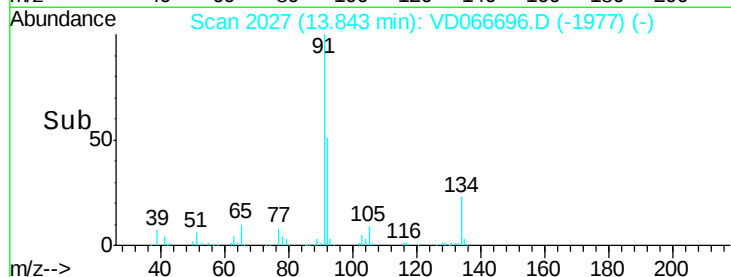
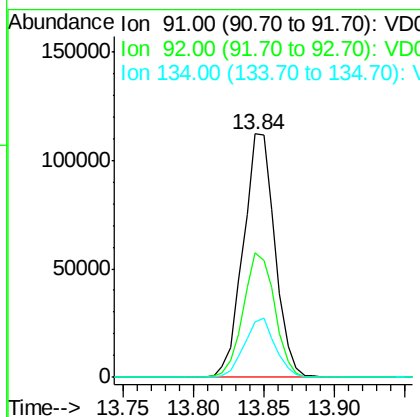
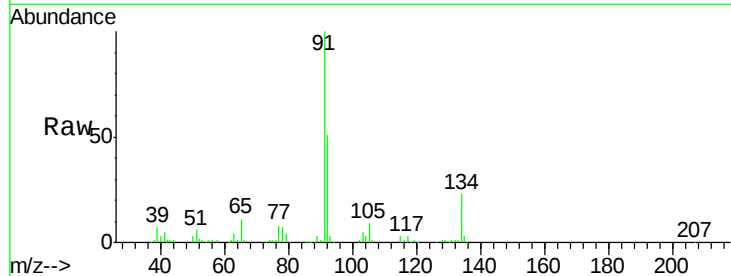




#89
n-Butylbenzene
Concen: 9.982 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

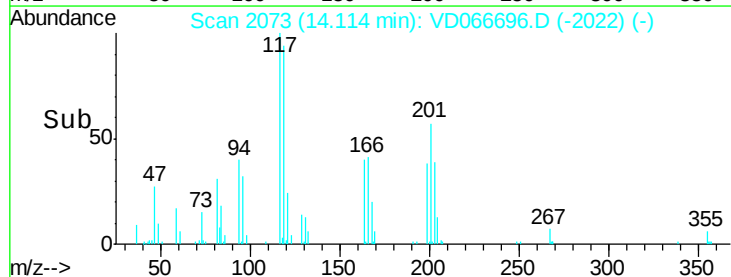
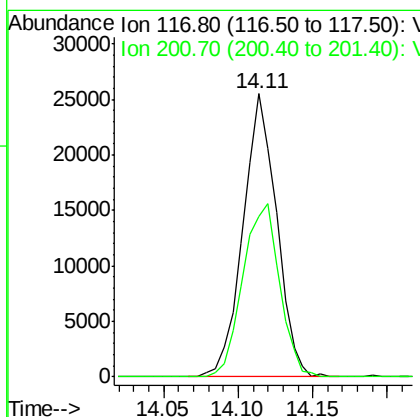
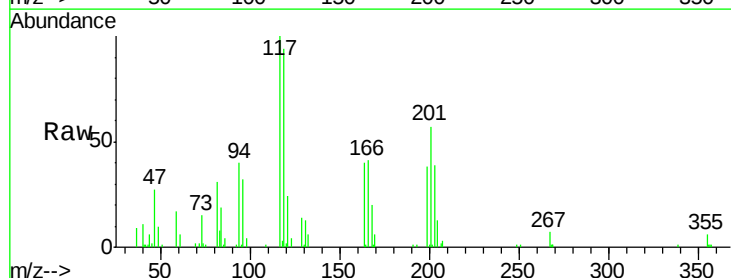
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

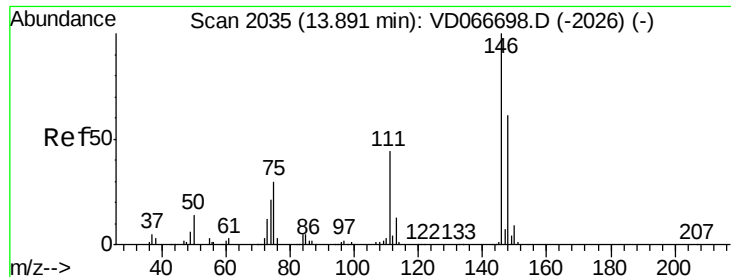
Tgt Ion: 91 Resp: 176424
Ion Ratio Lower Upper
91 100
92 51.0 27.0 81.0
134 23.9 12.4 37.0



#90
Hexachloroethane
Concen: 10.415 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion: 117 Resp: 39771
Ion Ratio Lower Upper
117 100
201 67.0 33.1 99.3





#91

1,2-Dichlorobenzene

Concen: 10.462 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

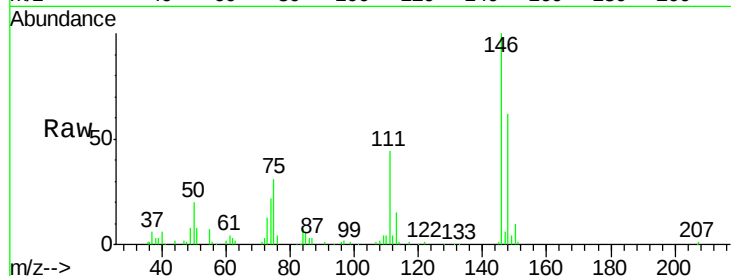
Tgt Ion: 146 Resp: 81120

Ion Ratio Lower Upper

146 100

111 44.0 21.6 64.6

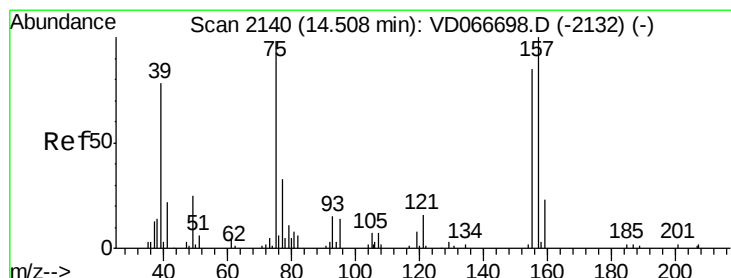
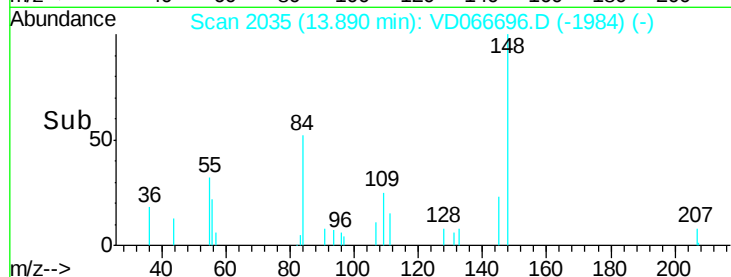
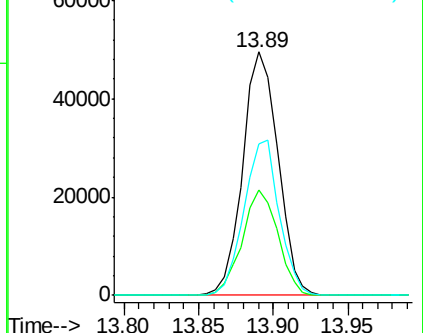
148 63.8 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.311 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

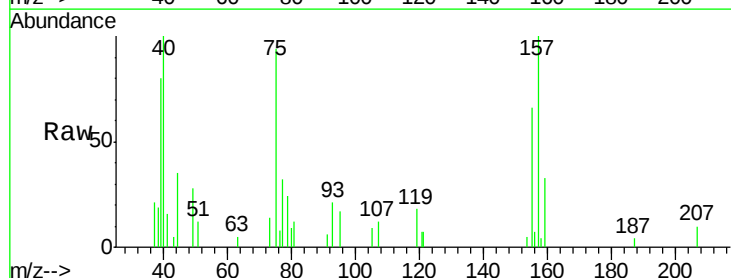
Tgt Ion: 75 Resp: 5796

Ion Ratio Lower Upper

75 100

155 77.7 38.9 116.7

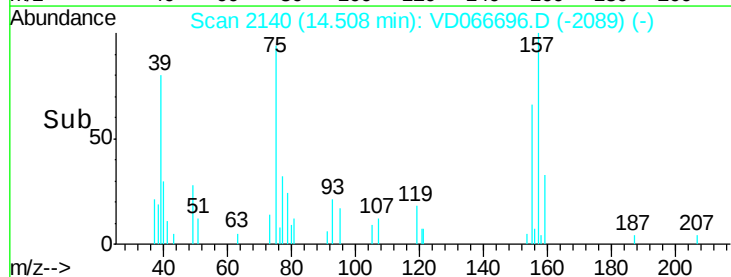
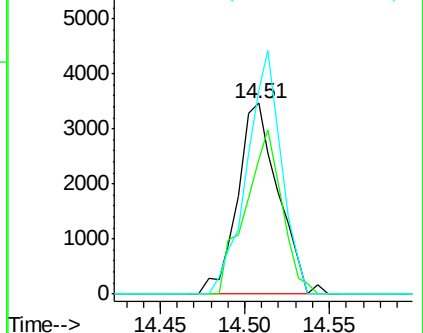
157 108.8 46.4 139.2

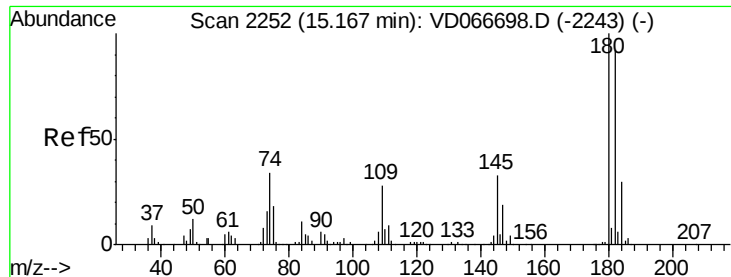


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

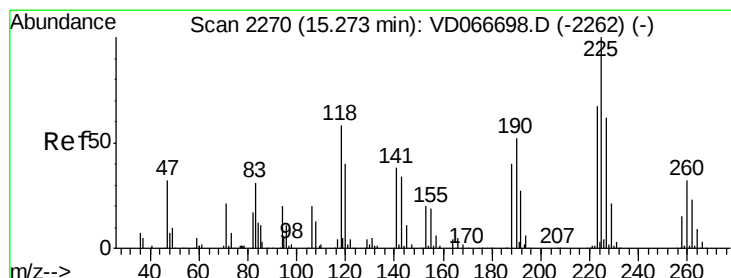
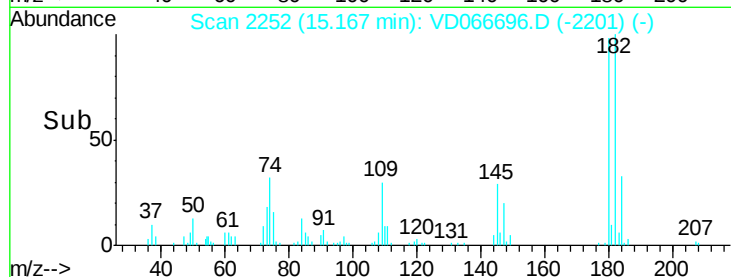
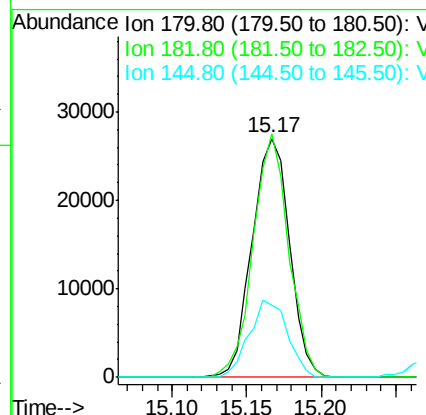
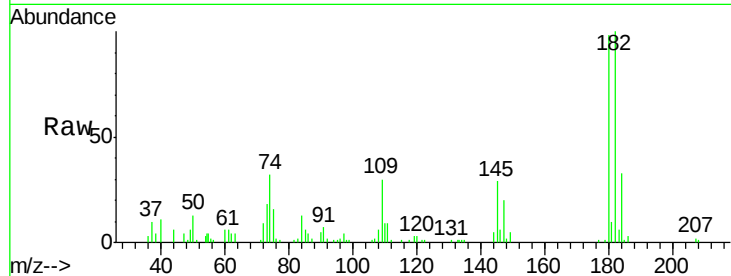




#93
 1,2,4-Trichlorobenzene
 Concen: 9.970 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

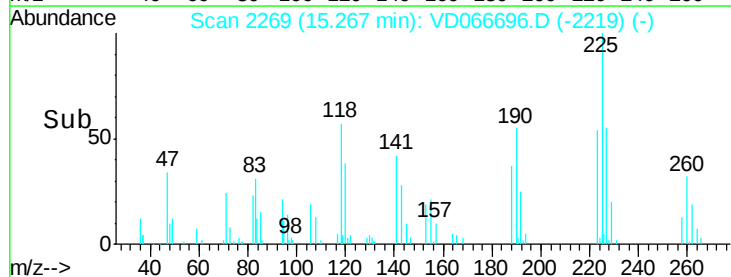
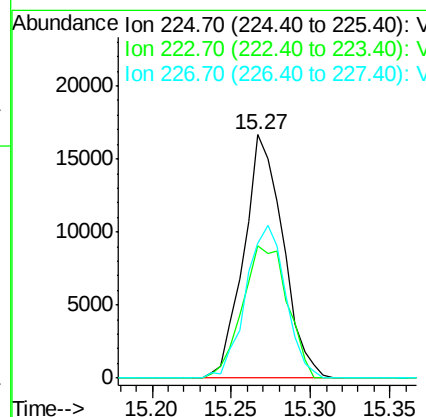
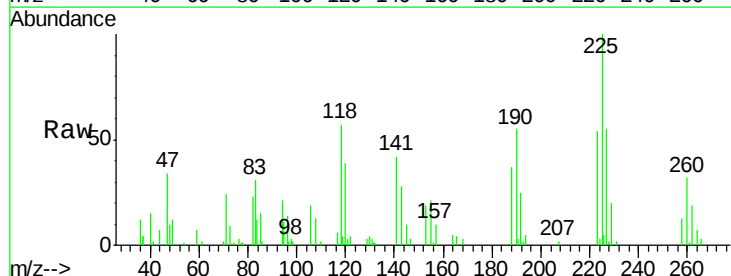
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

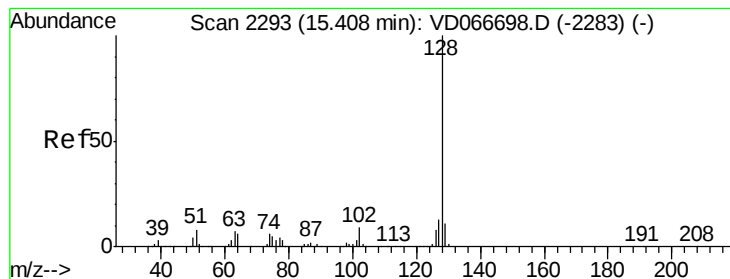
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	46.6	139.7
145	32.9	16.5	49.5



#94
 Hexachlorobutadiene
 Concen: 10.155 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.9	95.9
227	63.9	31.3	93.9





#95

Naphthalene

Concen: 9.333 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

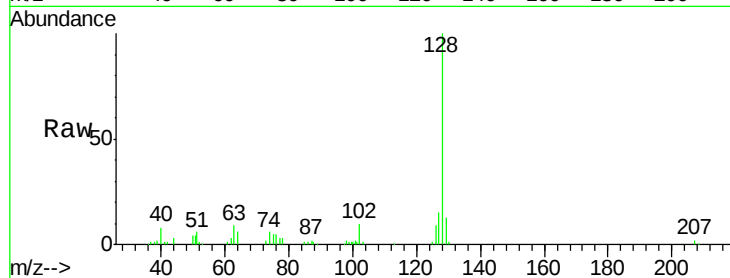
Tgt Ion:128 Resp: 76471

Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

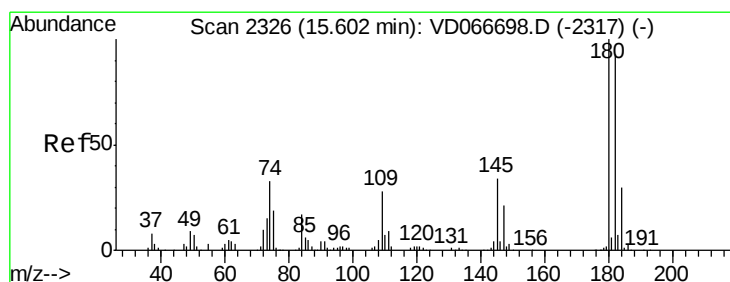
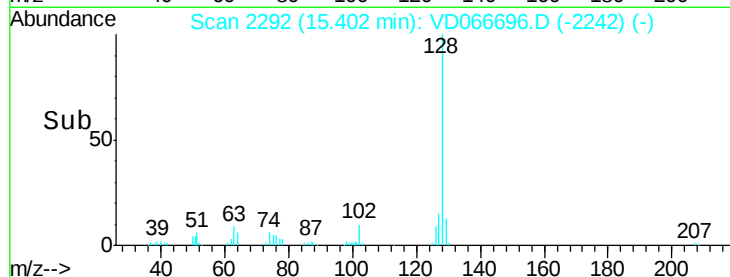
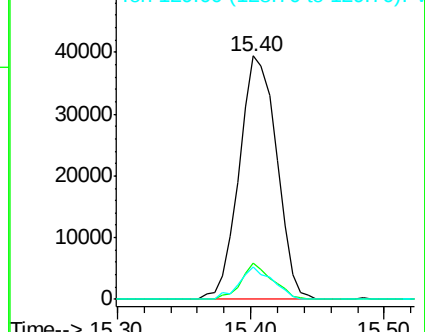
129 11.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 9.939 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

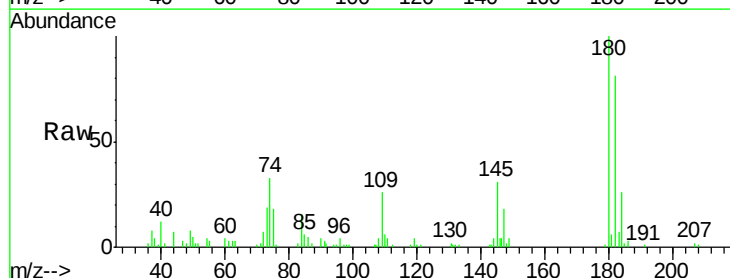
Tgt Ion:180 Resp: 40715

Ion Ratio Lower Upper

180 100

182 95.1 46.6 139.8

145 35.1 17.1 51.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

