

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066537.D
 Acq On : 03 Sep 2020 15:02
 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 04 01:19:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:16:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	346081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	589454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	534689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	246269	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	43195	11.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.38%	
35) Dibromofluoromethane	7.91	113	38802	11.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.02%	
50) Toluene-d8	10.34	98	127964	9.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.44%	
62) 4-Bromofluorobenzene	12.63	95	43323	9.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	38063	12.841	ug/l	99
3) Chloromethane	2.21	50	50150	23.395	ug/l	99
4) Vinyl Chloride	2.35	62	56034	21.889	ug/l	99
5) Bromomethane	2.77	94	41347	20.532	ug/l	99
6) Chloroethane	2.92	64	35075	20.689	ug/l	90
7) Trichlorofluoromethane	3.27	101	80589	12.194	ug/l	91
8) Diethyl Ether	3.70	74	18975	14.316	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	42871	14.766	ug/l	99
10) Methyl Iodide	4.30	142	26449	8.682	ug/l	96
11) Tert butyl alcohol	5.19	59	23476	86.373	ug/l #	74
12) 1,1-Dichloroethene	4.06	96	37569	13.969	ug/l	98
13) Acrolein	3.91	56	9713	77.518	ug/l	97
14) Allyl chloride	4.71	41	59220	17.935	ug/l	98
15) Acrylonitrile	5.43	53	40416	81.634	ug/l	97
16) Acetone	4.15	43	44366	76.866	ug/l	91
17) Carbon Disulfide	4.41	76	128148	15.983	ug/l	100
18) Methyl Acetate	4.71	43	18083	17.782	ug/l #	81
19) Methyl tert-butyl Ether	5.48	73	84057	12.136	ug/l #	90
20) Methylene Chloride	4.97	84	63797	18.584	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	44587	14.261	ug/l	99
22) Diisopropyl ether	6.36	45	123923	18.383	ug/l	96
23) Vinyl Acetate	6.31	43	339585	80.509	ug/l	98
24) 1,1-Dichloroethane	6.27	63	79874	16.103	ug/l	98
25) 2-Butanone	7.21	43	55806	87.495	ug/l	97
26) 2,2-Dichloropropane	7.21	77	73632	12.611	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	46067	13.643	ug/l	96
28) Bromochloromethane	7.54	49	27197	17.543	ug/l #	95
29) Tetrahydrofuran	7.56	42	33804	97.253	ug/l	98
30) Chloroform	7.71	83	85368	14.009	ug/l	98
31) Cyclohexane	7.97	56	74639	16.957	ug/l #	88
32) 1,1,1-Trichloroethane	7.90	97	80489	12.298	ug/l	97
36) 1,1-Dichloropropene	8.11	75	64260	12.160	ug/l	97
37) Ethyl Acetate	7.28	43	25604	15.073	ug/l	98
38) Carbon Tetrachloride	8.09	117	69246	9.164	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	68466	11.044	ug/l	100
40) Benzene	8.34	78	176647	12.845	ug/l	100
41) Methacrylonitrile	7.54	41	34813	38.529	ug/l #	36
42) 1,2-Dichloroethane	8.42	62	58587	10.567	ug/l	100
43) Isopropyl Acetate	8.44	43	48384	13.965	ug/l	97
44) Trichloroethene	9.11	130	45911	10.151	ug/l	90
45) 1,2-Dichloropropane	9.38	63	45454	15.795	ug/l	100
46) Dibromomethane	9.47	93	24800	12.548	ug/l	97
47) Bromodichloromethane	9.66	83	68231	11.794	ug/l #	98
48) Methyl methacrylate	9.46	41	22072	12.484	ug/l #	86
49) 1,4-Dioxane	9.46	88	5200	227.358	ug/l #	89
51) 4-Methyl-2-Pentanone	10.23	43	121386	74.691	ug/l	98
52) Toluene	10.40	92	109295	11.391	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	54074	10.296	ug/l	90
54) cis-1,3-Dichloropropene	10.08	75	69765	12.306	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	32196	12.868	ug/l	96
56) Ethyl methacrylate	10.66	69	33778	11.317	ug/l	97
57) 1,3-Dichloropropane	10.94	76	55952	13.325	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	81902	68.135	ug/l	96
59) 2-Hexanone	10.98	43	80485	69.033	ug/l	97
60) Dibromochloromethane	11.14	129	42477	10.653	ug/l	98
61) 1,2-Dibromoethane	11.24	107	30188	11.819	ug/l	99
64) Tetrachloroethene	10.87	164	36394	8.991	ug/l	97
65) Chlorobenzene	11.67	112	114033	10.856	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	43524	9.948	ug/l	99
67) Ethyl Benzene	11.74	91	203483	10.880	ug/l	98
68) m/p-Xylenes	11.85	106	155126	21.474	ug/l	98
69) o-Xylene	12.18	106	65983	9.704	ug/l	100
70) Styrene	12.20	104	115054	9.875	ug/l	98
71) Bromoform	12.36	173	22511	9.558	ug/l #	98
73) Isopropylbenzene	12.48	105	181655	10.848	ug/l	98
74) N-amyl acetate	12.29	43	42076	15.262	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	35459	16.453	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	46324	27.115	ug/l #	100
77) Bromobenzene	12.76	156	41670	10.052	ug/l	97
78) n-propylbenzene	12.82	91	227533	12.177	ug/l	98
79) 2-Chlorotoluene	12.91	91	127784	11.954	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	155734	10.723	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	10969	14.845	ug/l	99
82) 4-Chlorotoluene	13.01	91	136611	11.902	ug/l	96
83) tert-Butylbenzene	13.23	119	128481	10.238	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	155108	10.734	ug/l	98
85) sec-Butylbenzene	13.40	105	180479	11.053	ug/l	100
86) p-Isopropyltoluene	13.52	119	157901	9.846	ug/l	96
87) 1,3-Dichlorobenzene	13.52	146	84032	10.816	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	85354	10.909	ug/l	96
89) n-Butylbenzene	13.85	91	156657	11.380	ug/l	98
90) Hexachloroethane	14.11	117	38072	12.850	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	74309	11.022	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5809	11.290	ug/l	93

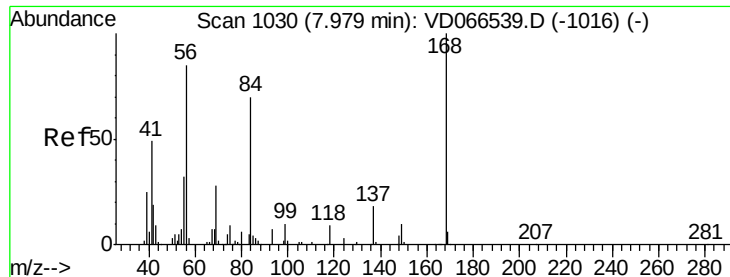
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	41792	8.175	ug/l	97
94) Hexachlorobutadiene	15.27	225	26741	8.149	ug/l	99
95) Naphthalene	15.41	128	70615	8.659	ug/l	97
96) 1,2,3-Trichlorobenzene	15.60	180	36527	8.244	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

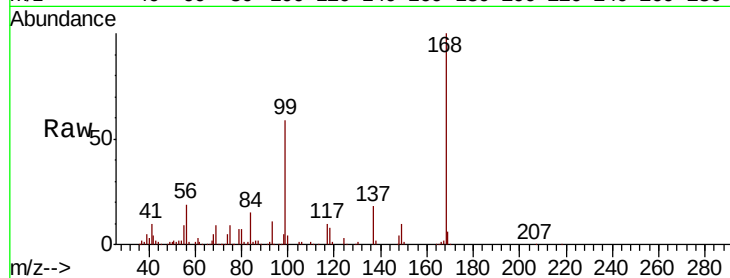
VSTDIC010

Tot Ion:168 Resp: 346081

Ion Ratio Lower Upper

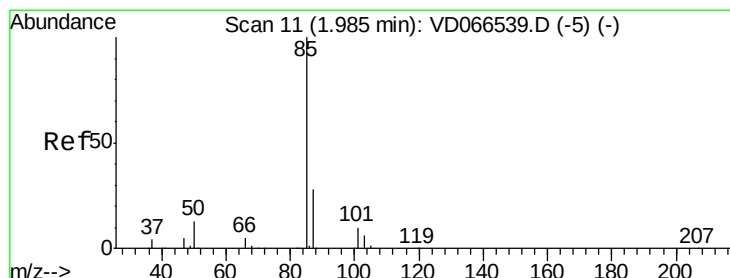
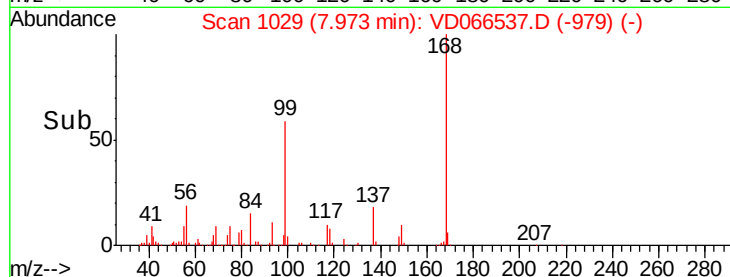
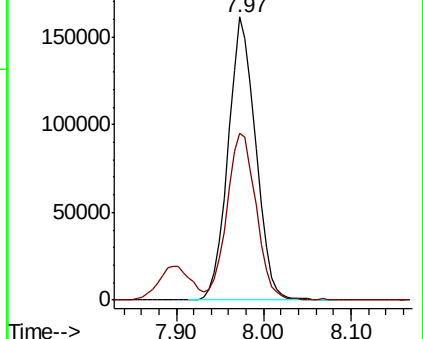
168 100

99 58.7 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 12.841 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066537.D

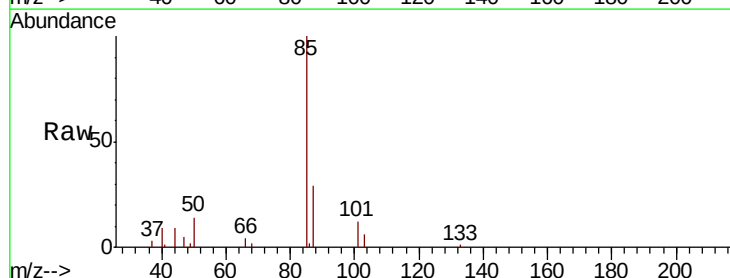
Acq: 03 Sep 2020 15:02

Tgt Ion: 85 Resp: 38063

Ion Ratio Lower Upper

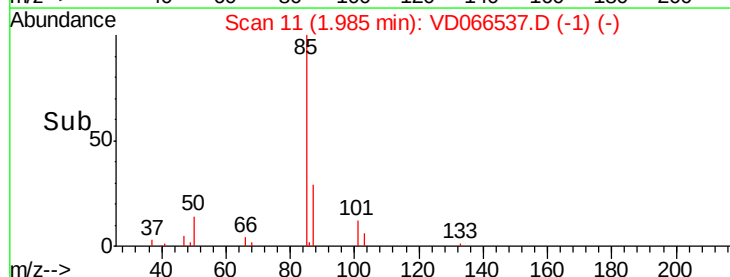
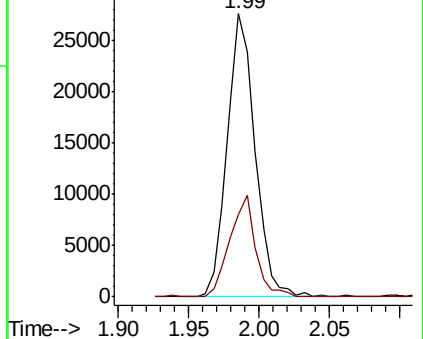
85 100

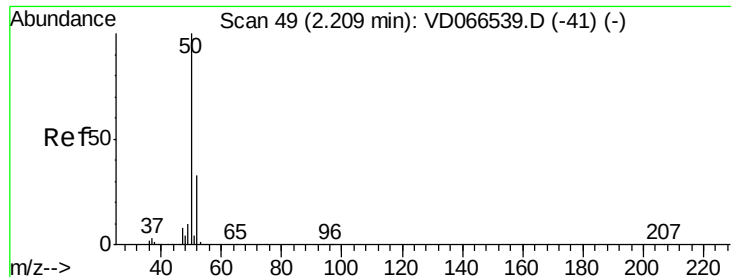
87 29.0 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 23.395 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

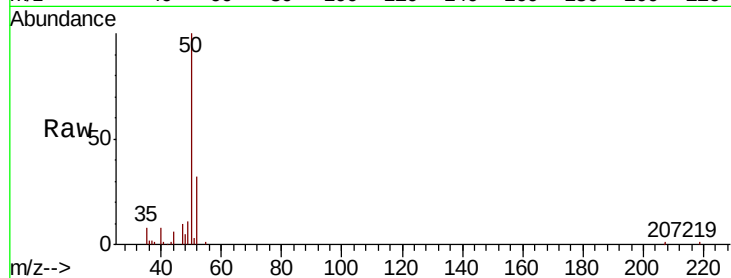
VSTDIC010

Tot Ion: 50 Resp: 50150

Ion Ratio Lower Upper

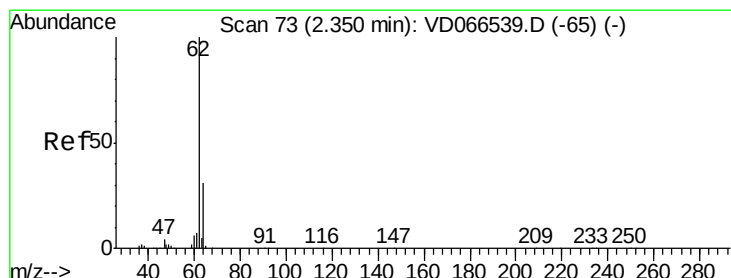
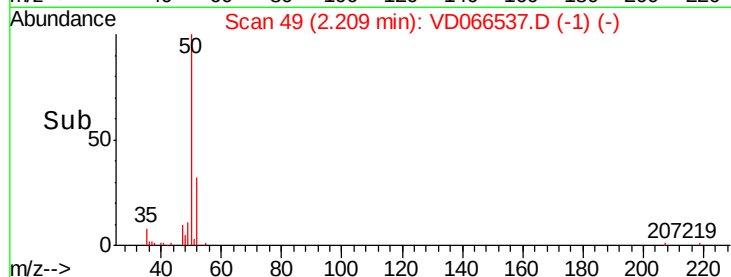
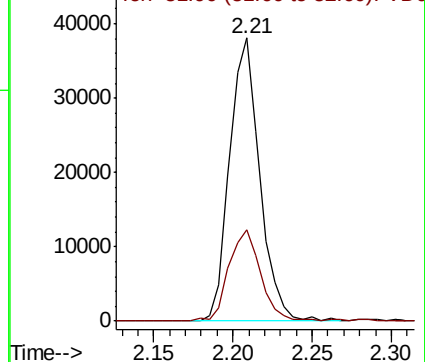
50 100

52 32.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.889 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066537.D

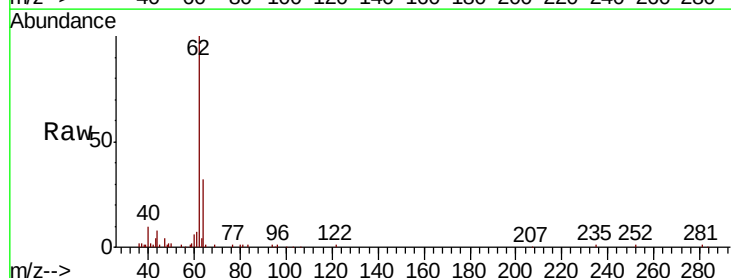
Acq: 03 Sep 2020 15:02

Tgt Ion: 62 Resp: 56034

Ion Ratio Lower Upper

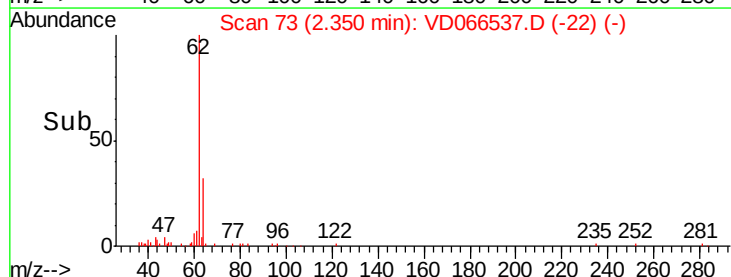
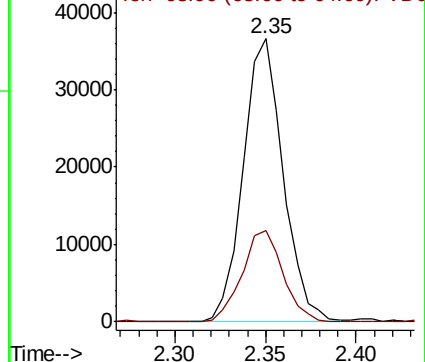
62 100

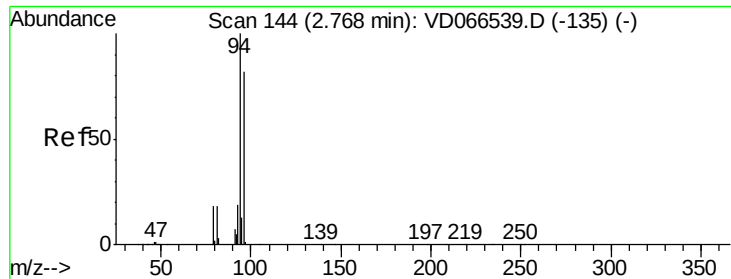
64 32.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.532 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

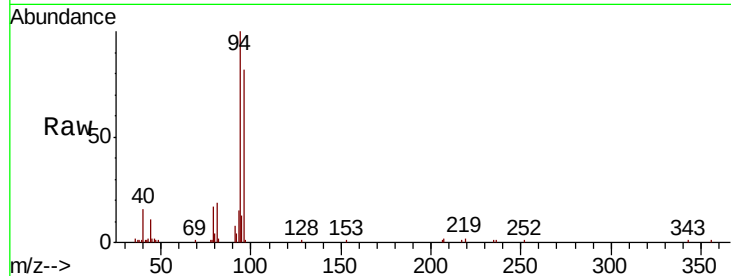
VSTDIC010

Tot Ion: 94 Resp: 41347

Ion Ratio Lower Upper

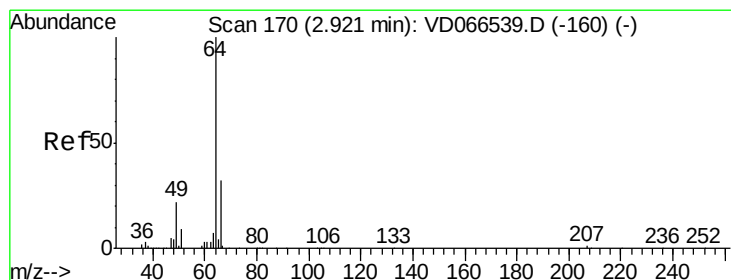
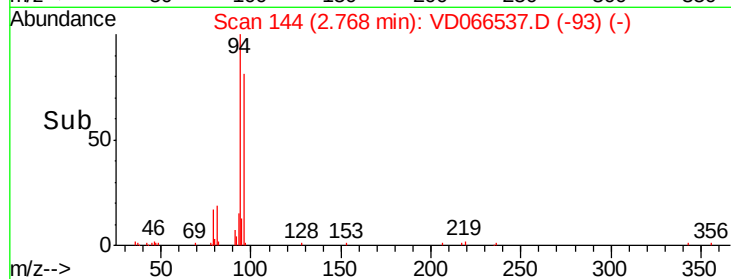
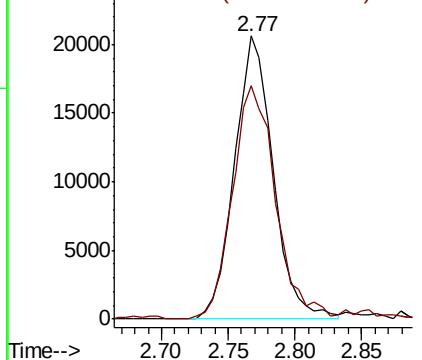
94 100

96 82.3 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.689 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066537.D

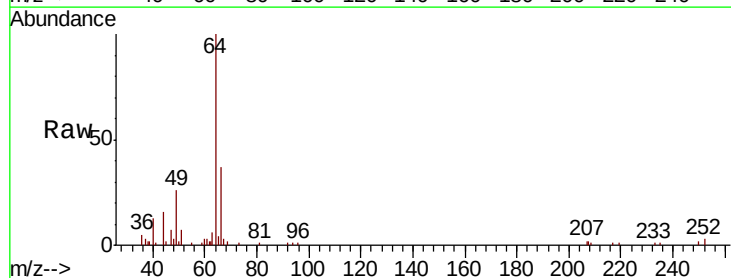
Acq: 03 Sep 2020 15:02

Tgt Ion: 64 Resp: 35075

Ion Ratio Lower Upper

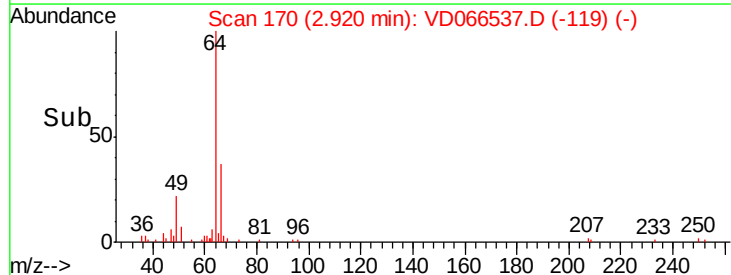
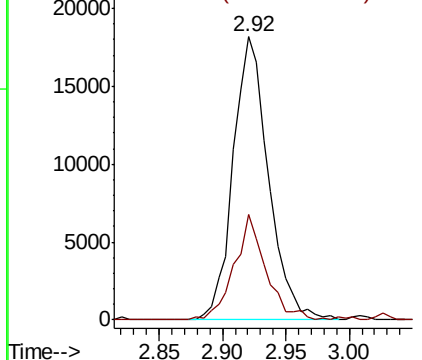
64 100

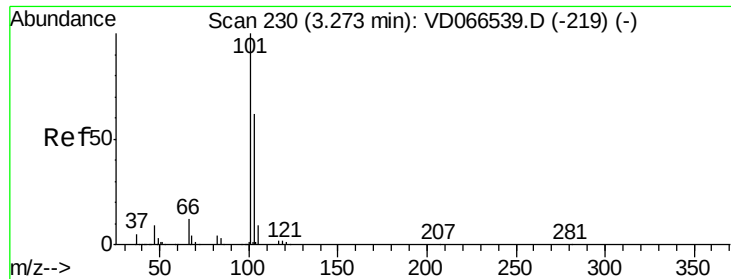
66 37.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



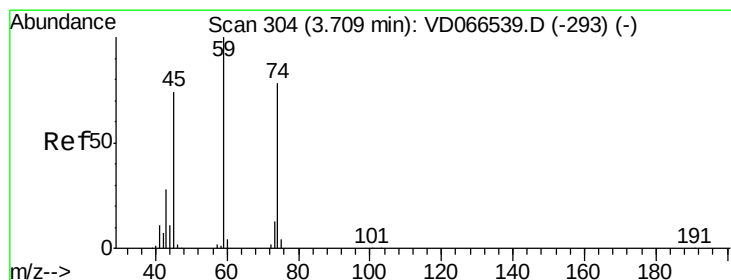
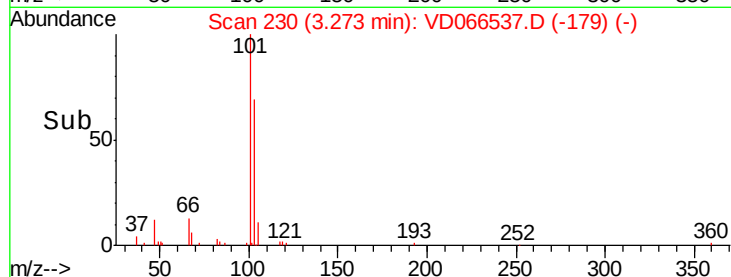
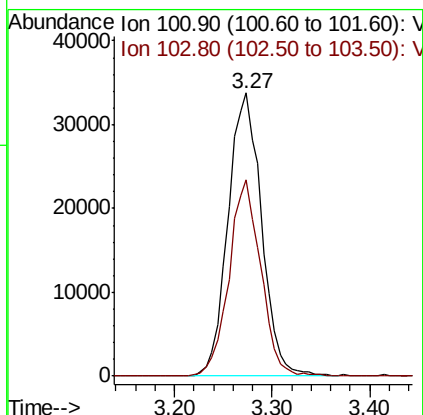
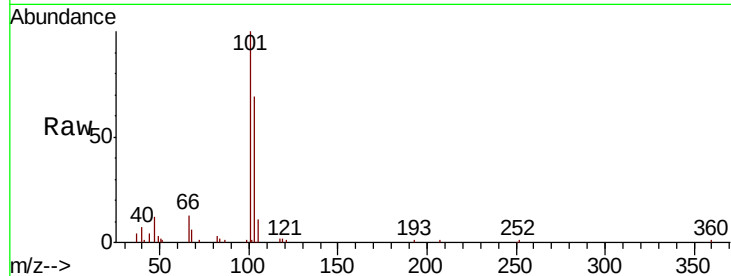


#7

Trichlorofluoromethane
 Concen: 12.194 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066537.D
 Acq: 03 Sep 2020 15:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

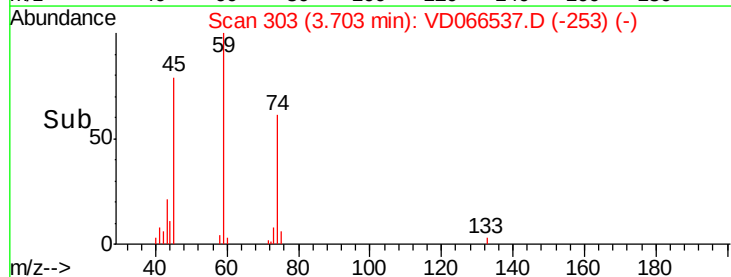
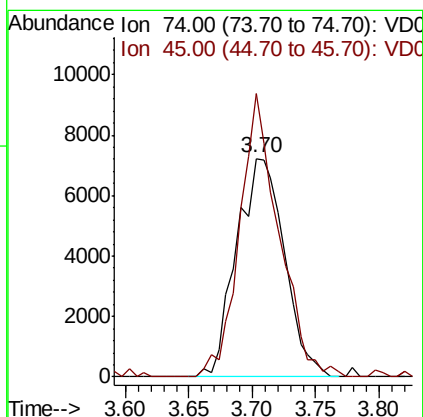
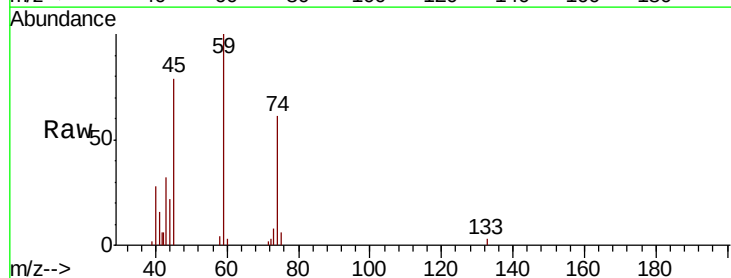
Tot Ion:101 Resp: 80589
 Ion Ratio Lower Upper
 101 100
 103 69.3 49.7 74.5

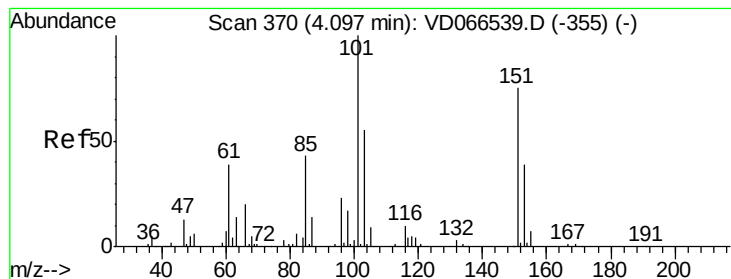


#8

Diethyl Ether
 Concen: 14.316 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066537.D
 Acq: 03 Sep 2020 15:02

Tgt Ion: 74 Resp: 18975
 Ion Ratio Lower Upper
 74 100
 45 106.1 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.766 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

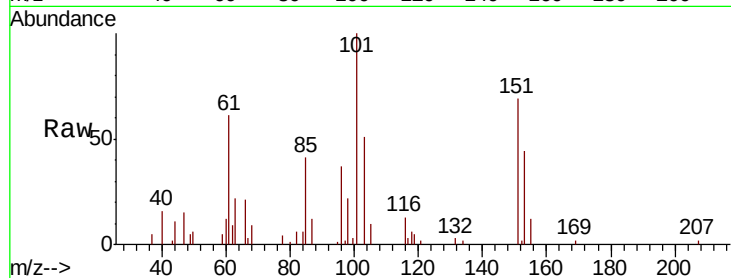
Tot Ion:101 Resp: 42871

Ion Ratio Lower Upper

101 100

85 46.2 37.0 55.6

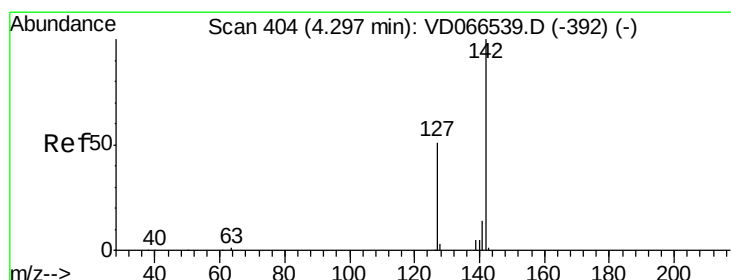
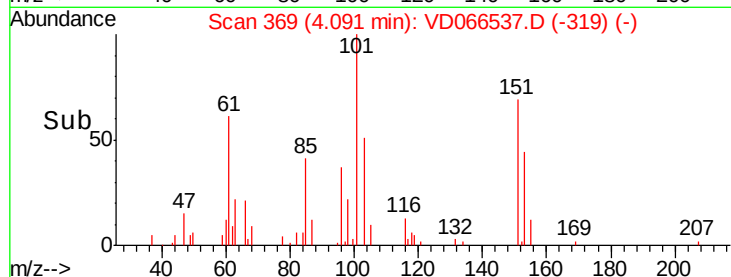
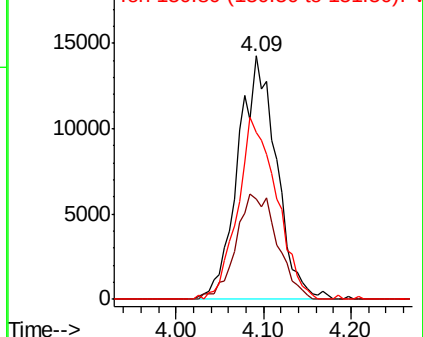
151 75.0 59.4 89.2



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: 8.682 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

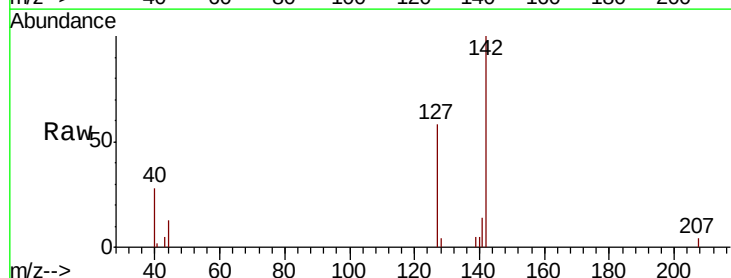
Tgt Ion:142 Resp: 26449

Ion Ratio Lower Upper

142 100

127 53.9 40.6 61.0

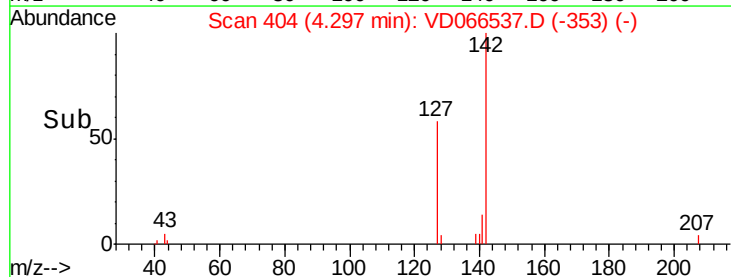
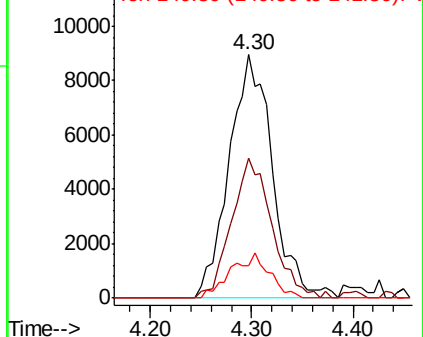
141 16.7 12.2 18.4

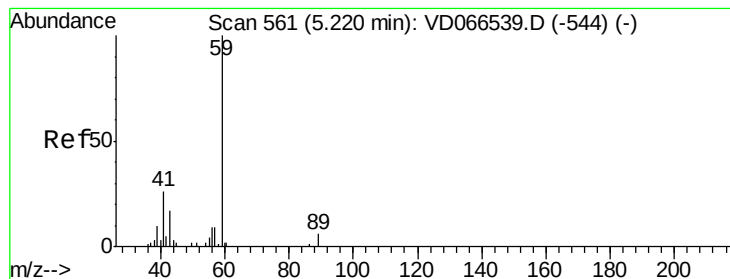


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 86.373 ug/l

RT: 5.19 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

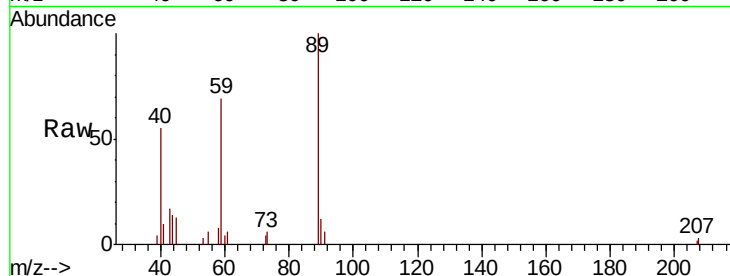
VSTDIC010

Tot Ion: 59 Resp: 23476

Ion Ratio Lower Upper

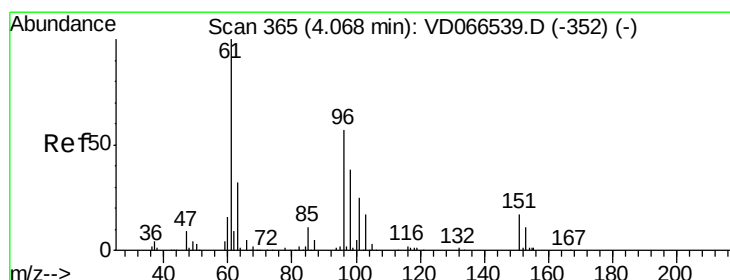
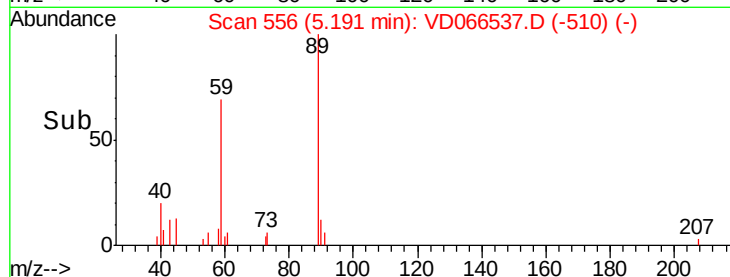
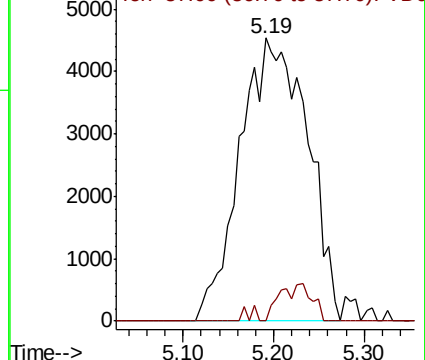
59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 13.969 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

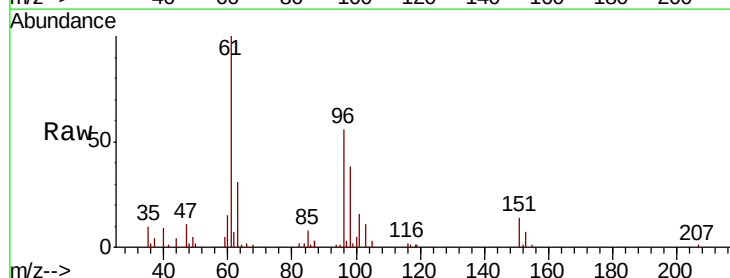
Tgt Ion: 96 Resp: 37569

Ion Ratio Lower Upper

96 100

61 178.9 140.9 211.3

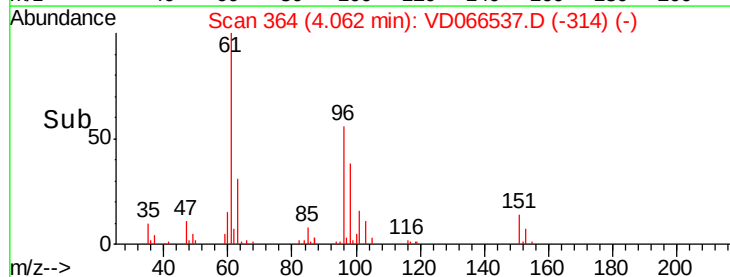
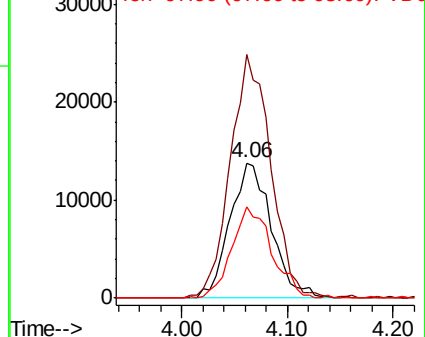
98 67.6 53.2 79.8

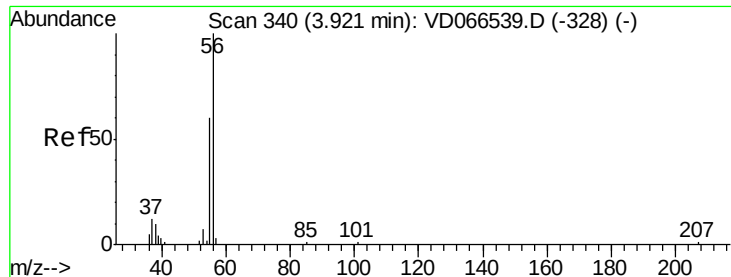


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 77.518 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

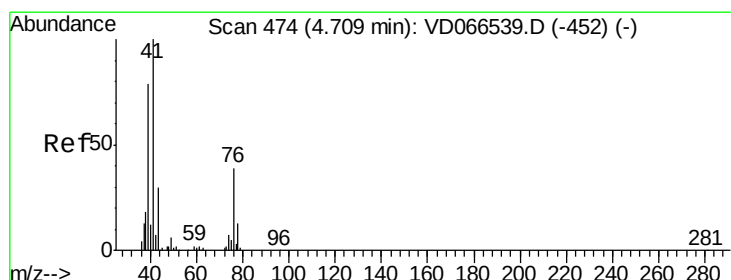
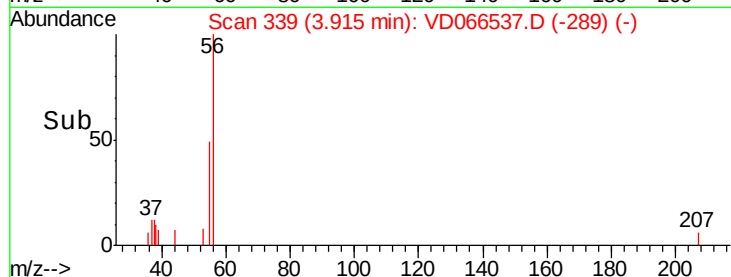
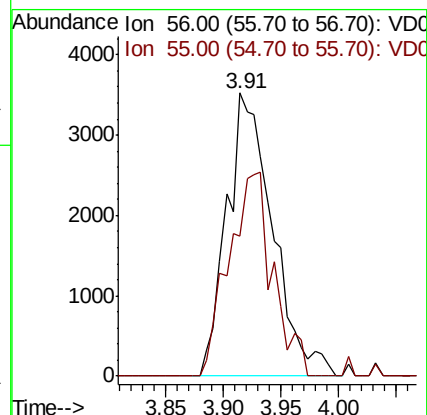
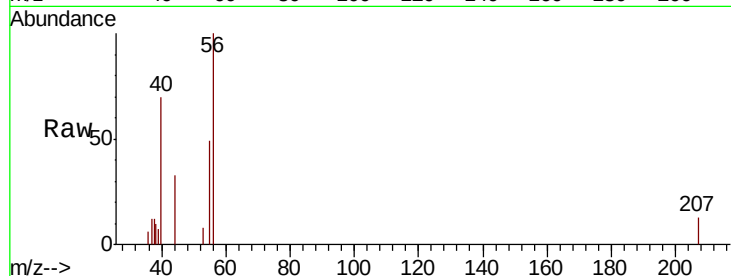
VSTDIC010

Tot Ion: 56 Resp: 9713

Ion Ratio Lower Upper

56 100

55 69.3 53.6 80.4



#14

Allyl chloride

Concen: 17.935 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

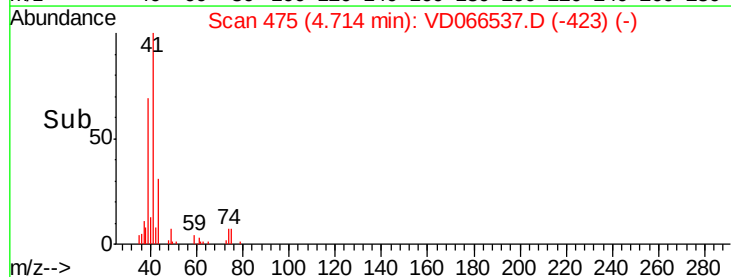
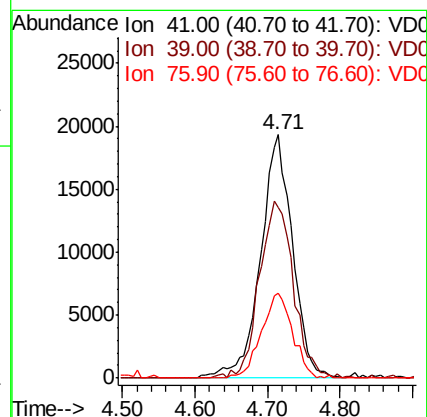
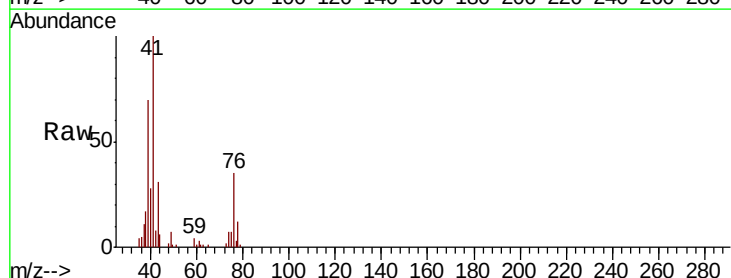
Tgt Ion: 41 Resp: 59220

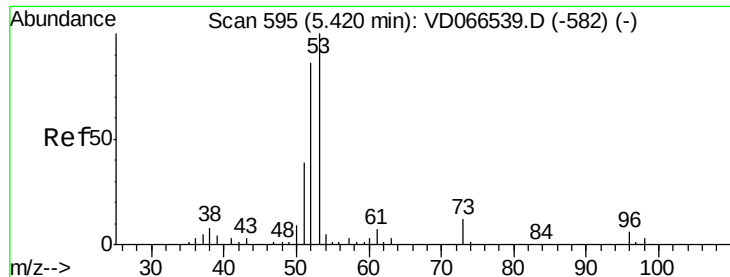
Ion Ratio Lower Upper

41 100

39 76.9 61.9 92.9

76 34.0 29.0 43.6





#15

Acrylonitrile

Concen: 81.634 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

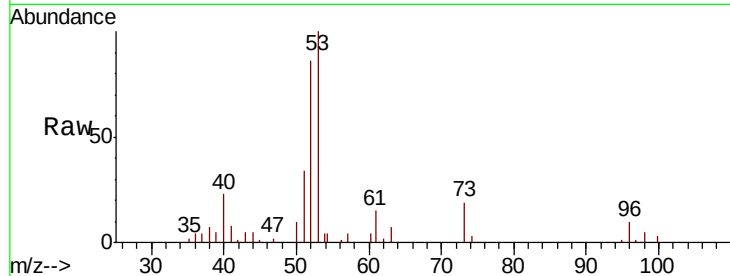
Tot Ion: 53 Resp: 40416

Ion Ratio Lower Upper

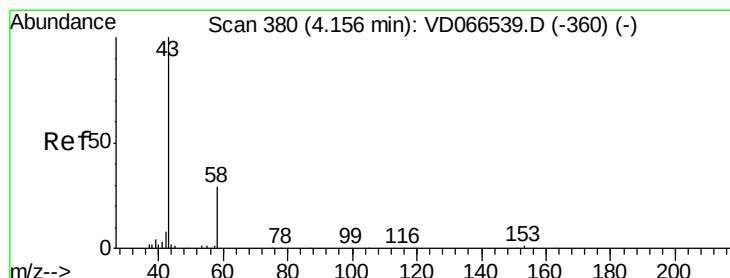
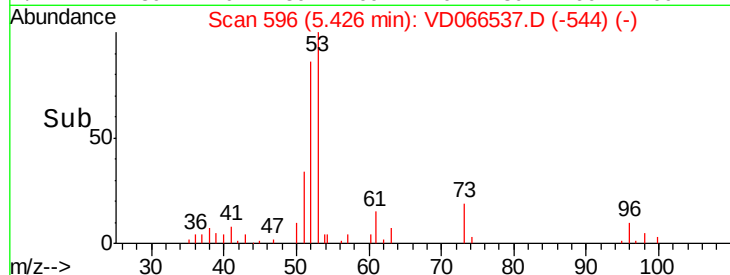
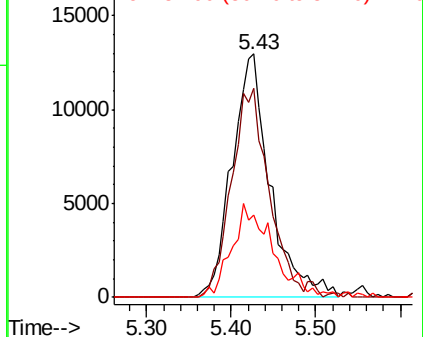
53 100

52 83.9 65.4 98.2

51 41.6 31.2 46.8



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: 76.866 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066537.D

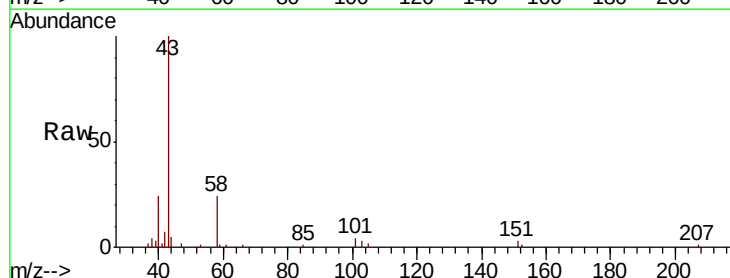
Acq: 03 Sep 2020 15:02

Tgt Ion: 43 Resp: 44366

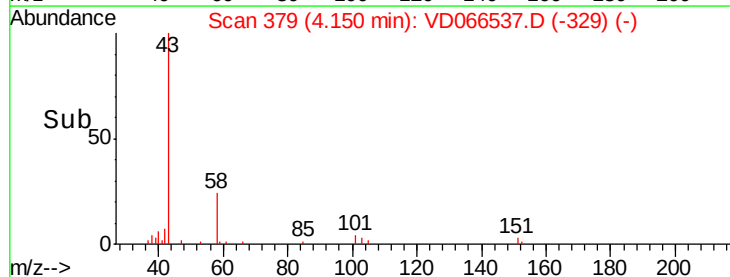
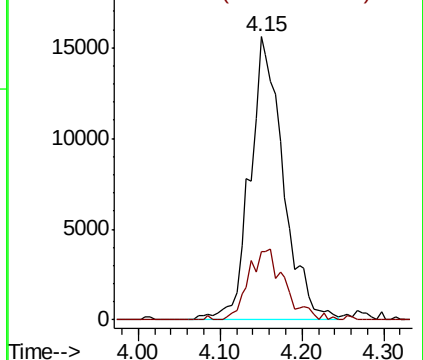
Ion Ratio Lower Upper

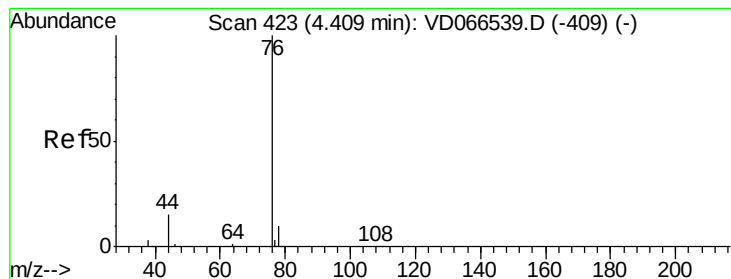
43 100

58 24.0 22.9 34.3



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





#17

Carbon Disulfide

Concen: 15.983 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

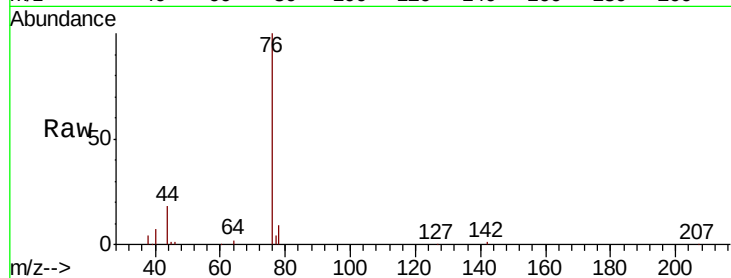
VSTDIC010

Tot Ion: 76 Resp: 128148

Ion Ratio Lower Upper

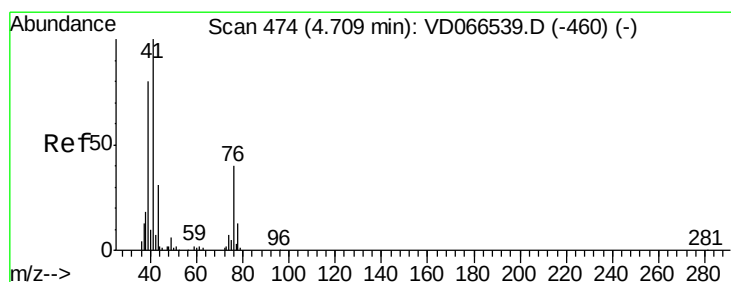
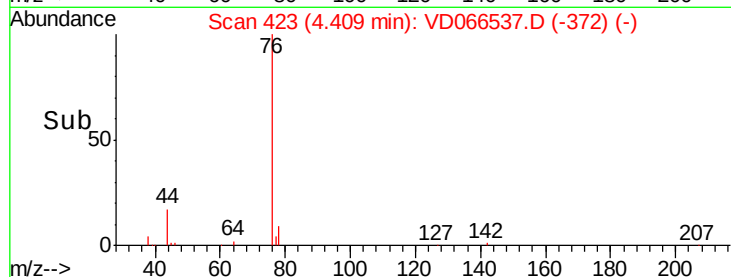
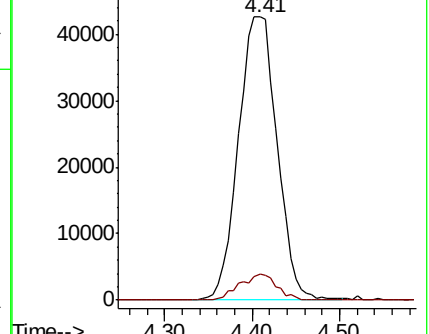
76 100

78 9.4 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 17.782 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066537.D

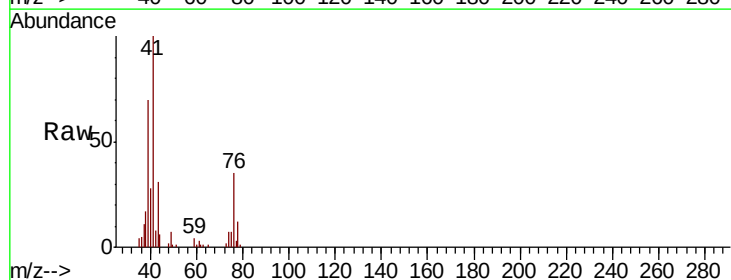
Acq: 03 Sep 2020 15:02

Tgt Ion: 43 Resp: 18083

Ion Ratio Lower Upper

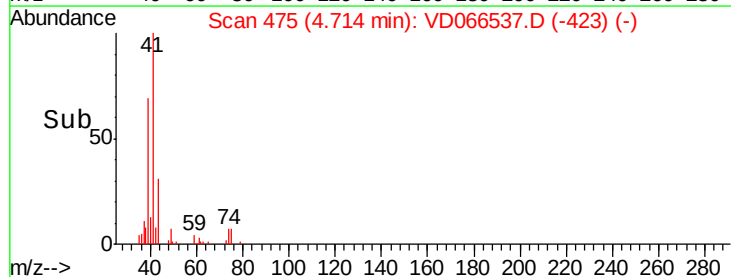
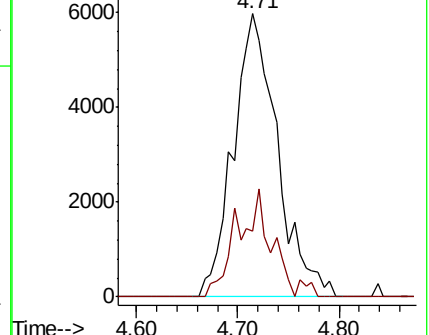
43 100

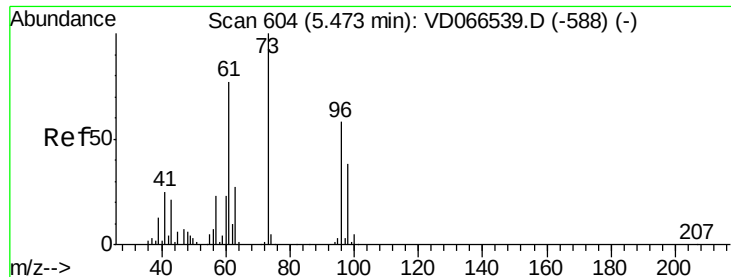
74 13.5 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

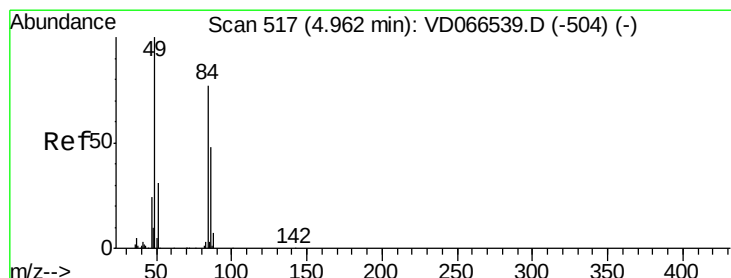
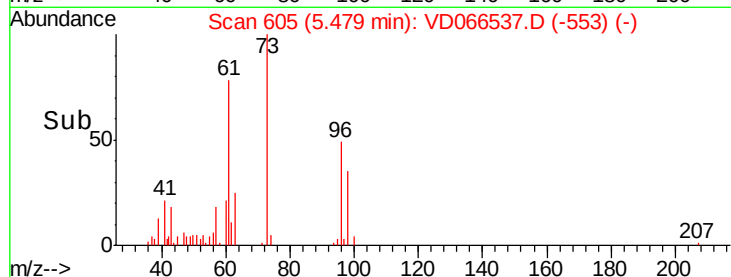
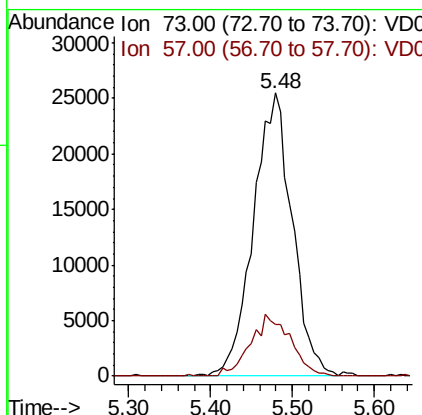
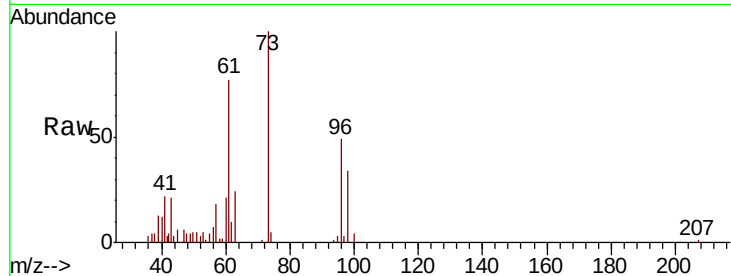




#19
Methyl tert-butyl Ether
Concen: 12.136 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

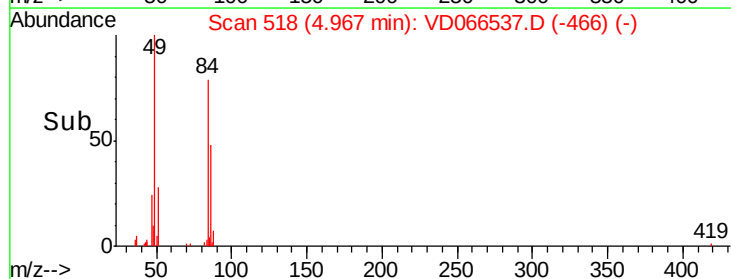
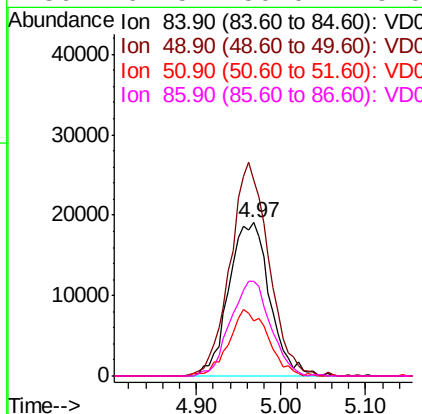
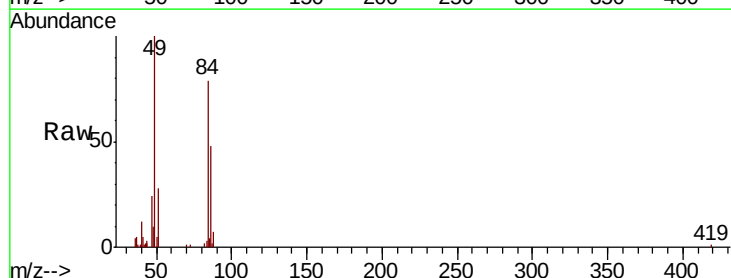
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

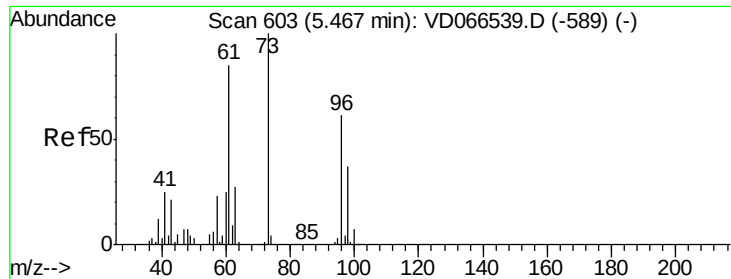
Tot Ion: 73 Resp: 84057
Ion Ratio Lower Upper
73 100
57 18.2 18.3 27.5#



#20
Methylene Chloride
Concen: 18.584 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Tgt Ion: 84 Resp: 63797
Ion Ratio Lower Upper
84 100
49 127.4 104.3 156.5
51 36.1 32.2 48.4
86 61.5 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 14.261 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

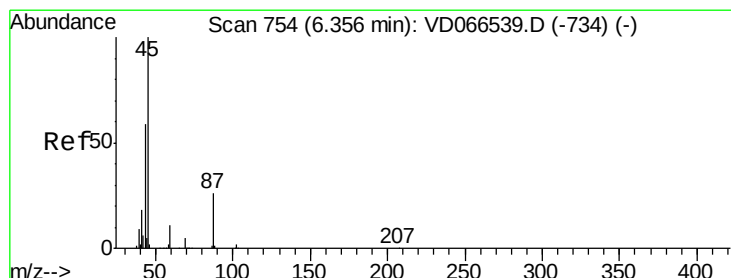
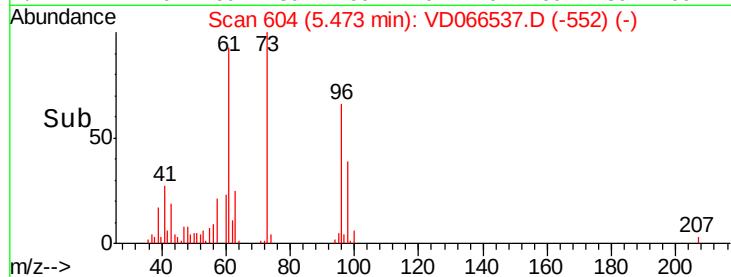
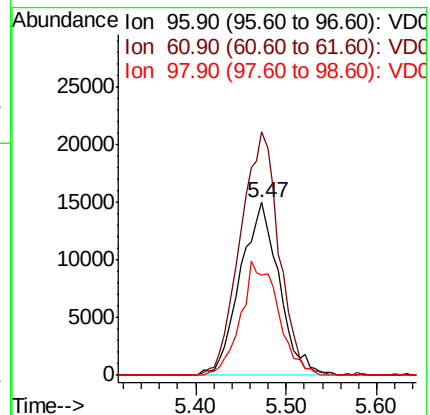
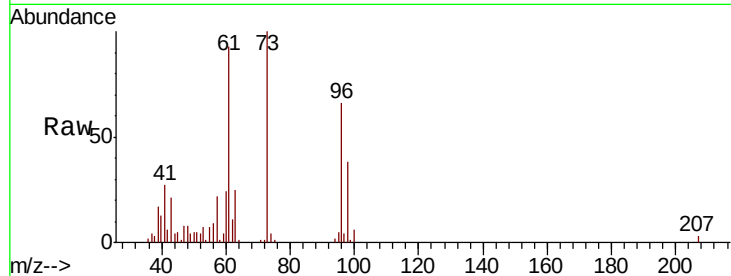
Tot Ion: 96 Resp: 44587

Ion Ratio Lower Upper

96 100

61 141.0 112.1 168.1

98 58.4 48.6 72.8



#22

Diisopropyl ether

Concen: 18.383 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Tgt Ion: 45 Resp: 123923

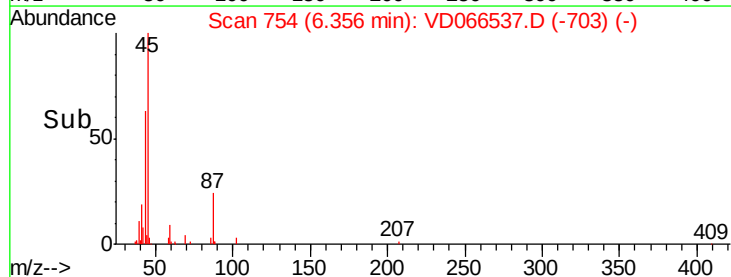
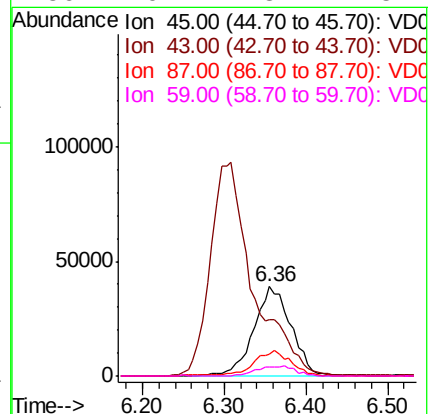
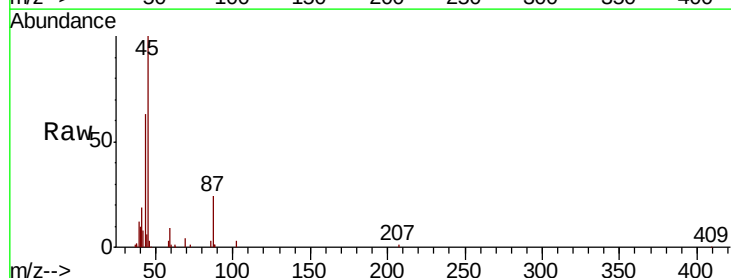
Ion Ratio Lower Upper

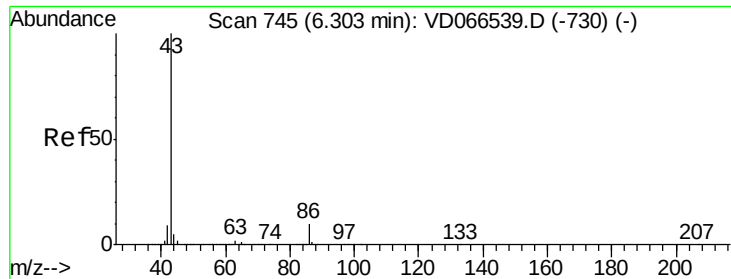
45 100

43 61.7 47.0 70.4

87 24.0 21.3 31.9

59 9.4 8.7 13.1





#23

Vinyl Acetate

Concen: 80.509 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

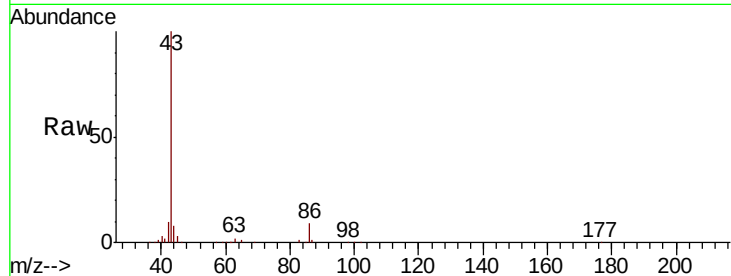
VSTDIC010

Tot Ion: 43 Resp: 339585

Ion Ratio Lower Upper

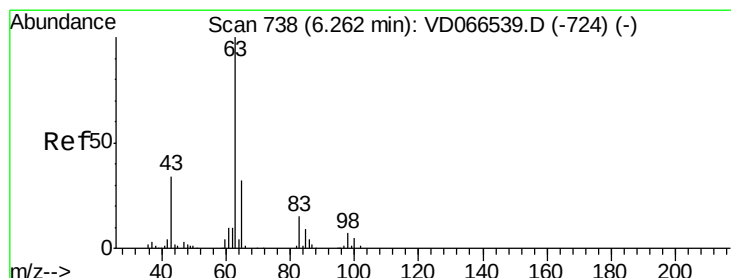
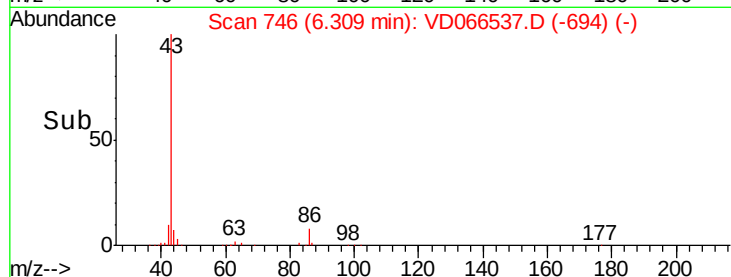
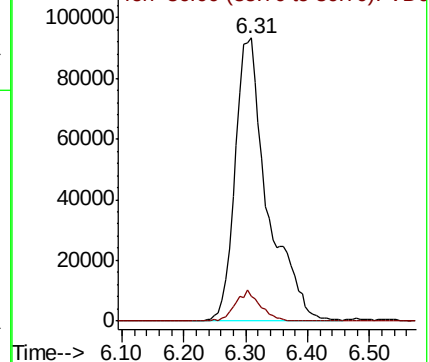
43 100

86 8.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 16.103 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

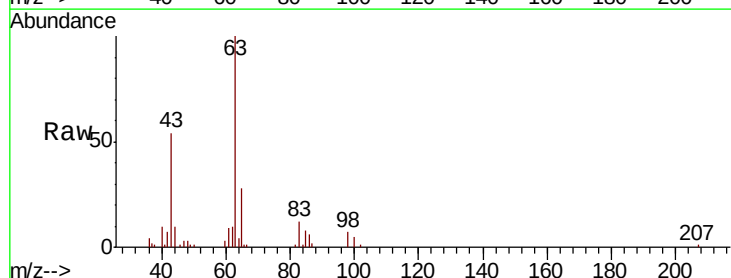
Tgt Ion: 63 Resp: 79874

Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.1

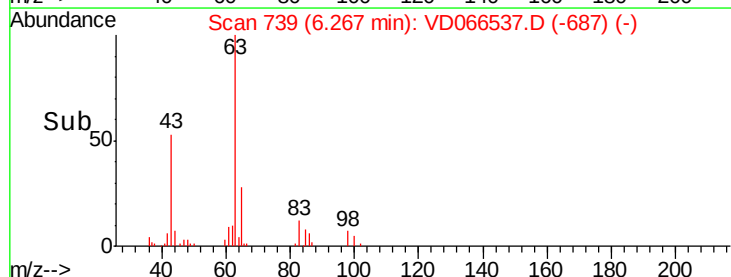
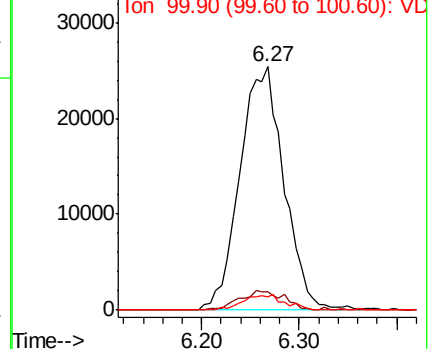
100 5.2 2.5 7.4

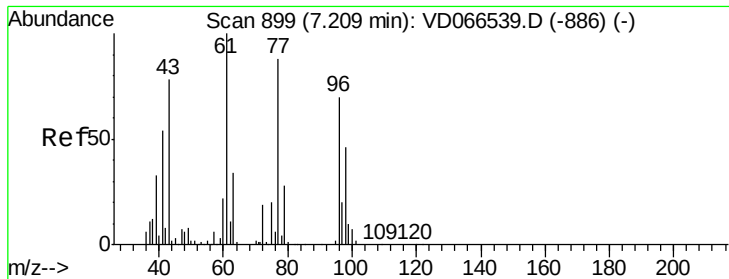


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 87.495 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

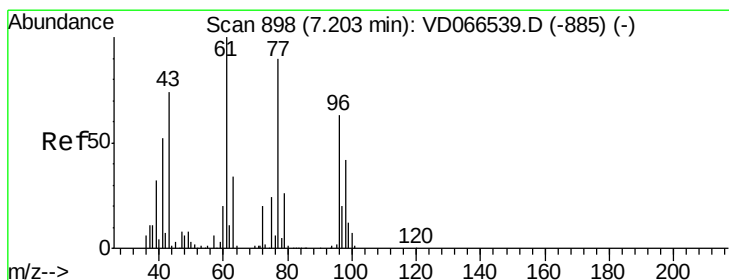
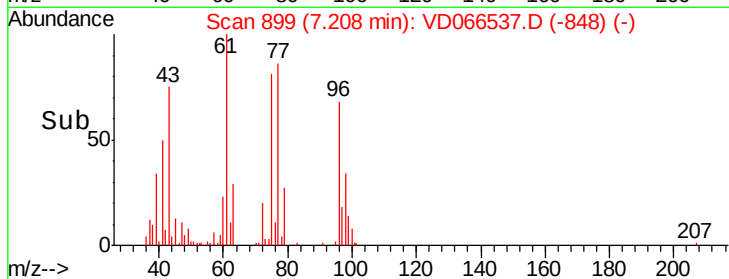
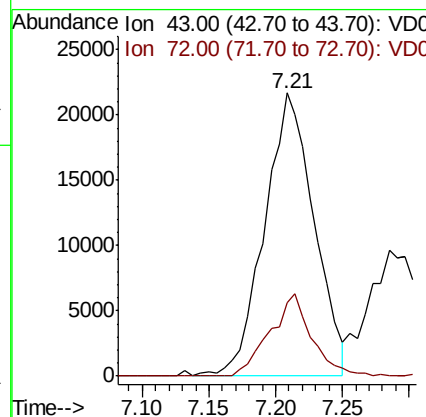
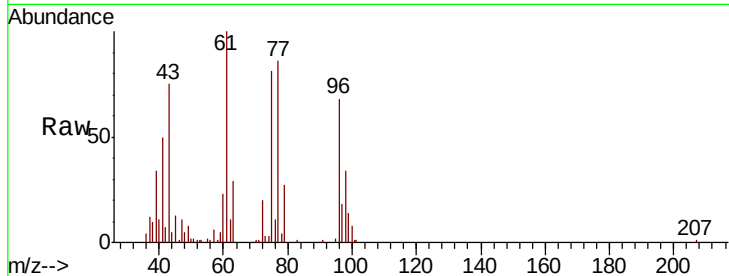
VSTDIC010

Tot Ion: 43 Resp: 55806

Ion Ratio Lower Upper

43 100

72 26.2 19.8 29.6



#26

2,2-Dichloropropane

Concen: 12.611 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066537.D

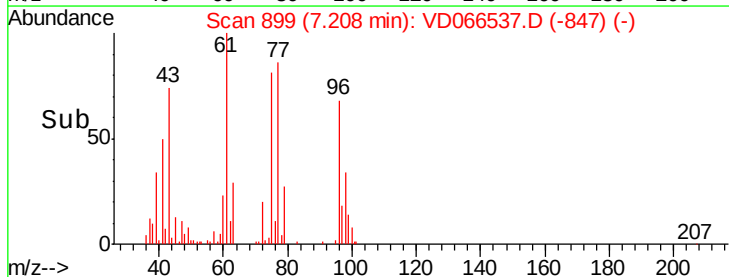
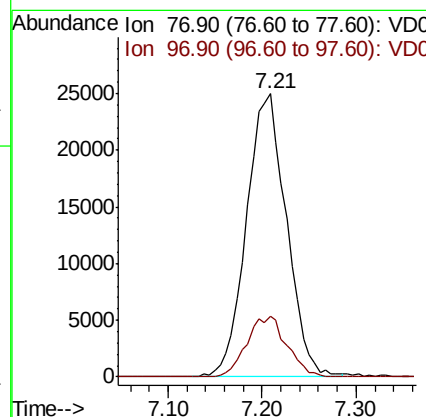
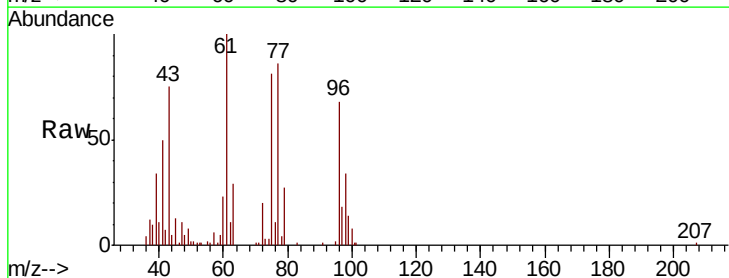
Acq: 03 Sep 2020 15:02

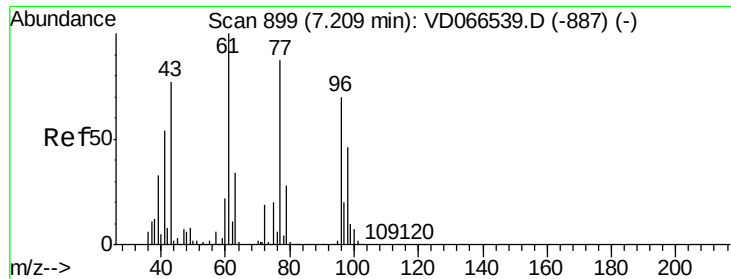
Tgt Ion: 77 Resp: 73632

Ion Ratio Lower Upper

77 100

97 21.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 13.643 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

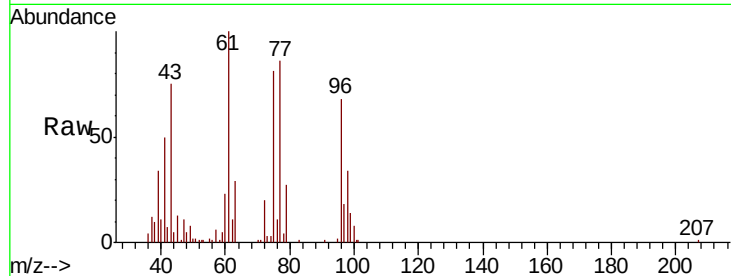
Tot Ion: 96 Resp: 46067

Ion Ratio Lower Upper

96 100

61 157.7 0.0 301.0

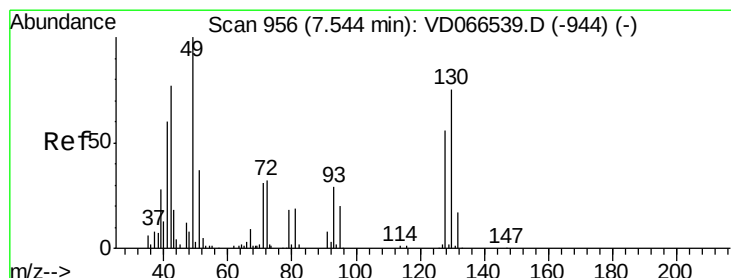
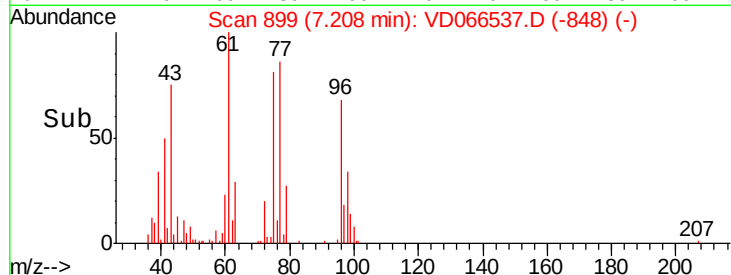
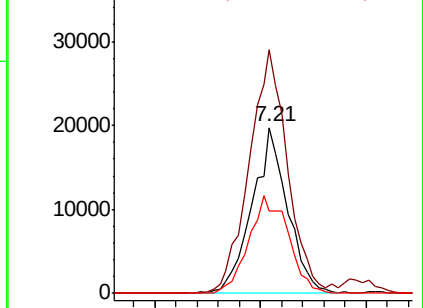
98 65.3 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 17.543 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

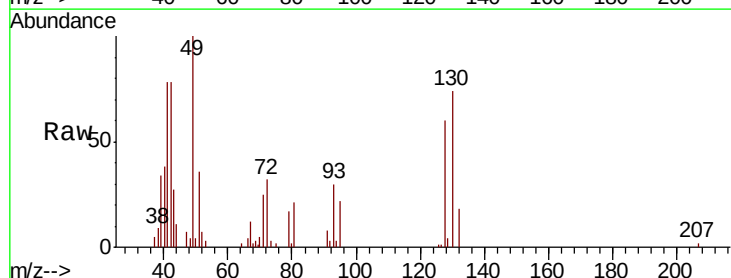
Tgt Ion: 49 Resp: 27197

Ion Ratio Lower Upper

49 100

129 3.2 0.0 2.6#

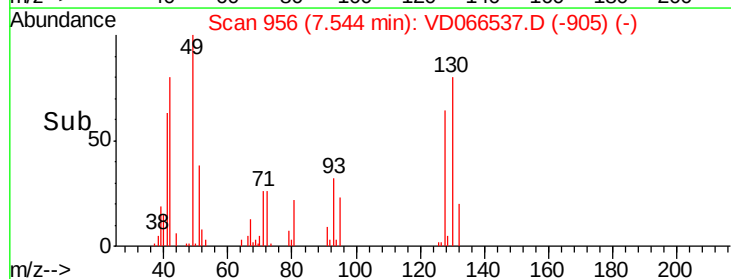
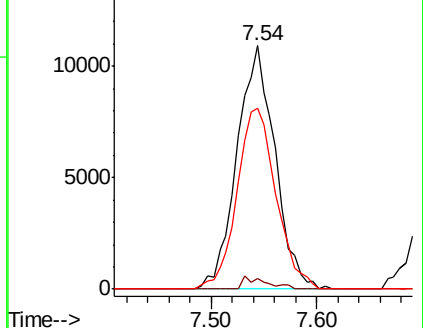
130 76.7 58.2 87.2

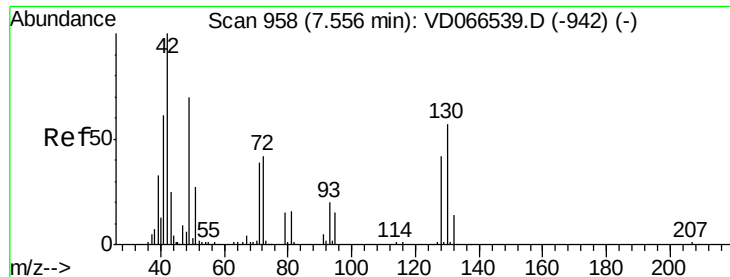


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

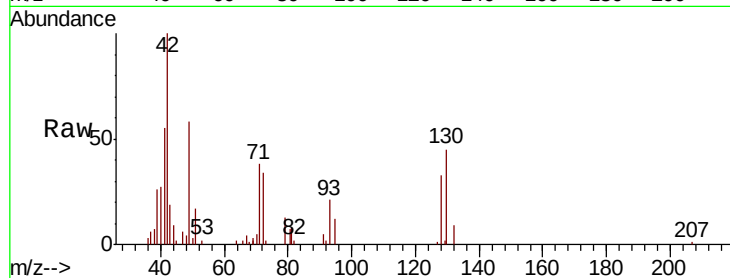




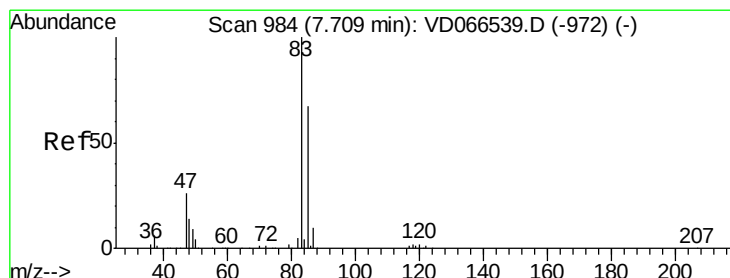
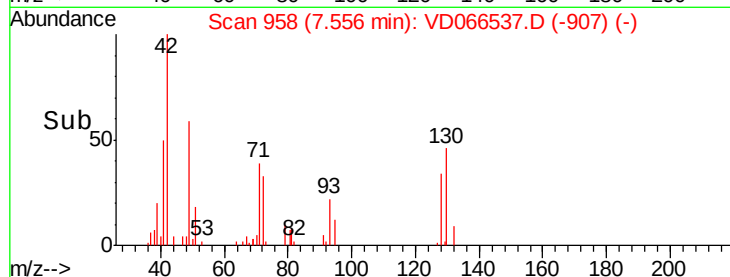
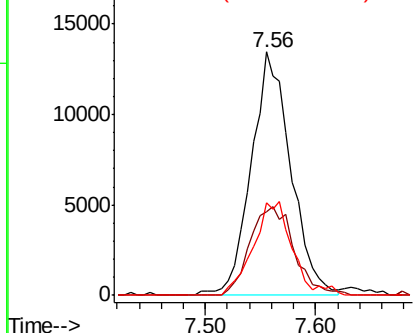
#29
Tetrahydrofuran
Concen: 97.253 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 42 Resp: 33804
Ion Ratio Lower Upper
42 100
72 40.7 33.4 50.0
71 38.2 31.9 47.9

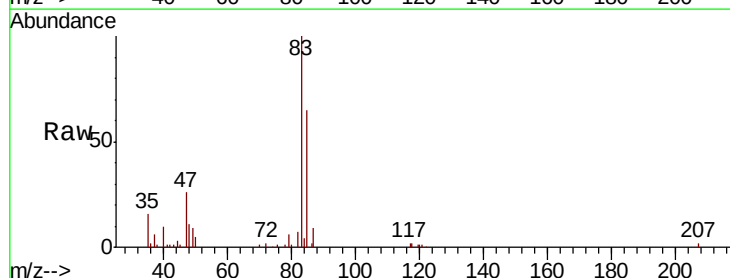


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

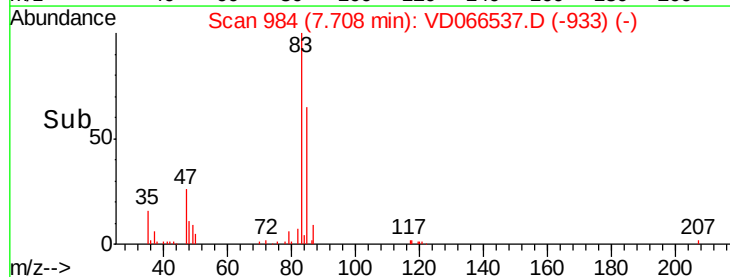
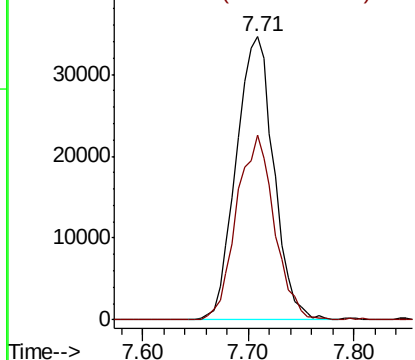


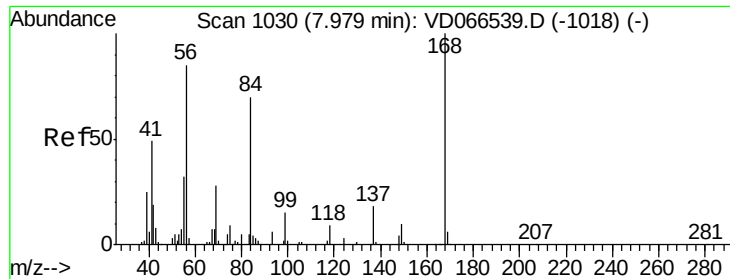
#30
Chloroform
Concen: 14.009 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Tgt Ion: 83 Resp: 85368
Ion Ratio Lower Upper
83 100
85 65.3 53.6 80.4



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

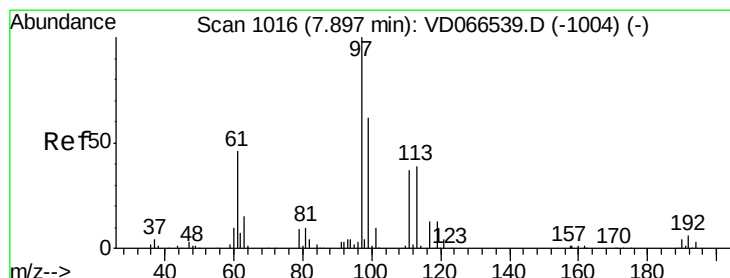
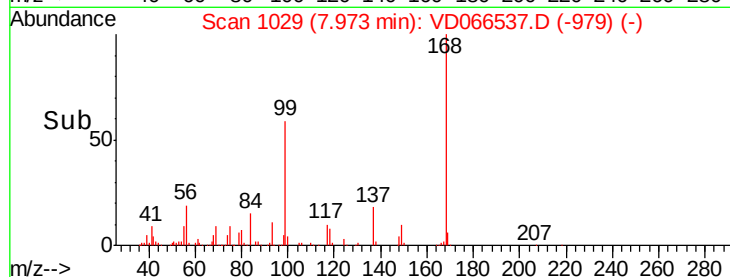
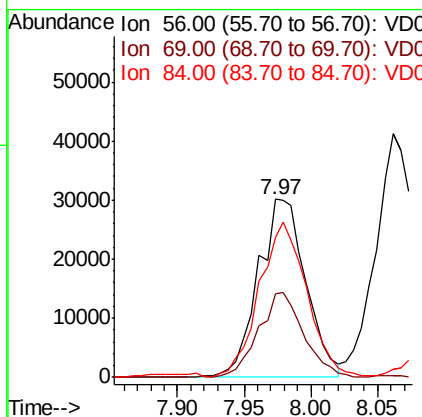
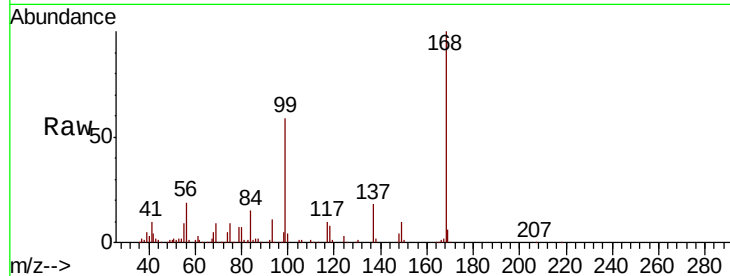




#31
Cyclohexane
Concen: 16.957 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

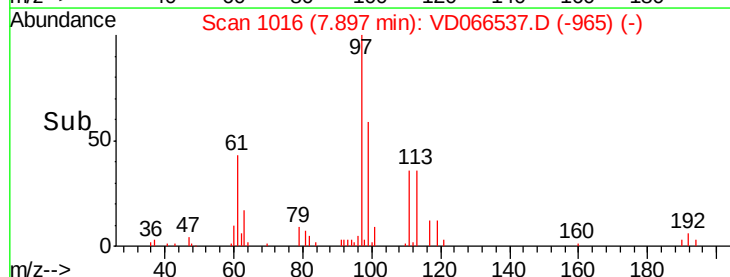
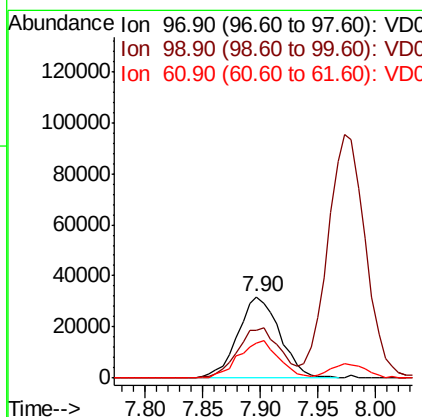
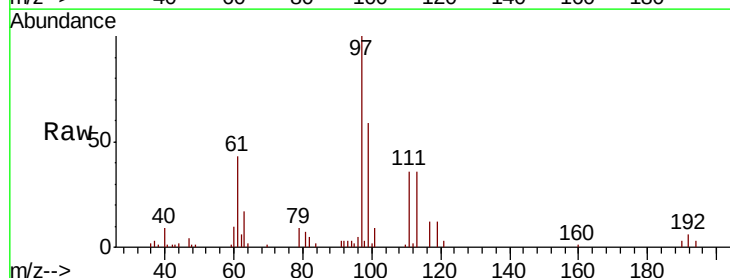
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

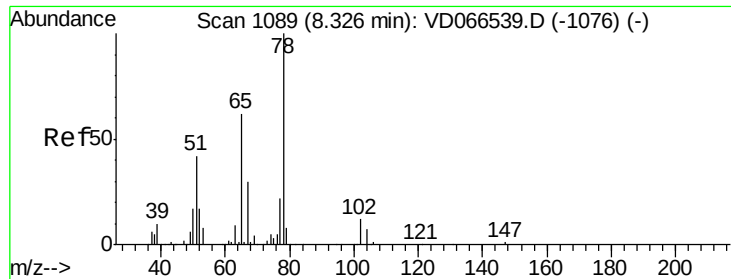
Tot Ion: 56 Resp: 74639
Ion Ratio Lower Upper
56 100
69 46.8 26.3 39.5#
84 76.8 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 12.298 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Tgt Ion: 97 Resp: 80489
Ion Ratio Lower Upper
97 100
99 62.4 51.4 77.0
61 44.0 37.4 56.0

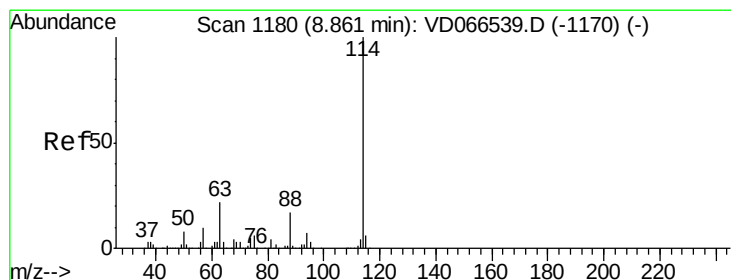
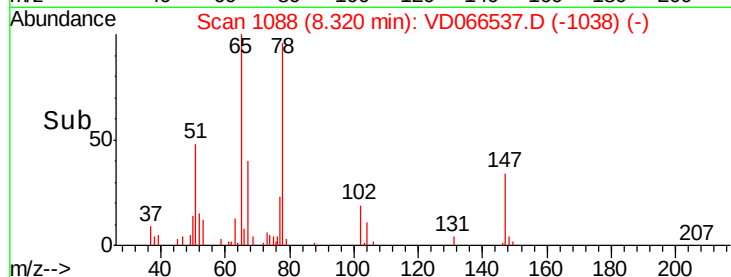
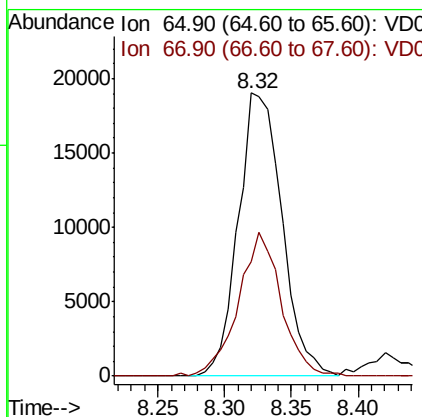
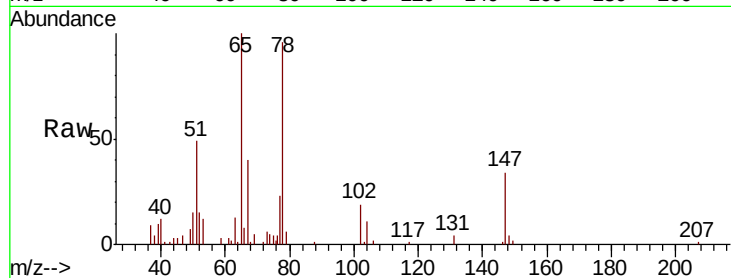




#33
 1,2-Dichloroethane-d4
 Concen: 11.692 ug/l
 RT: 8.32 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VD066537.D
 Acq: 03 Sep 2020 15:02

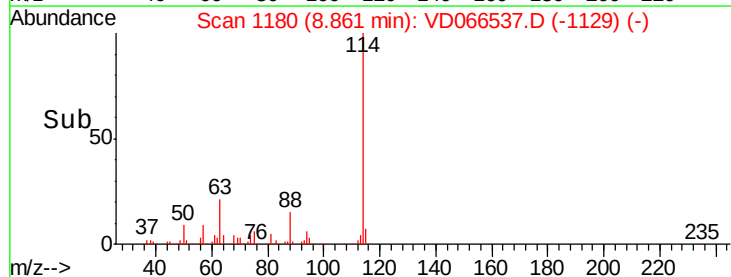
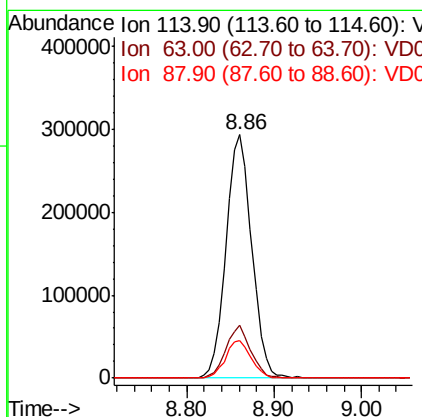
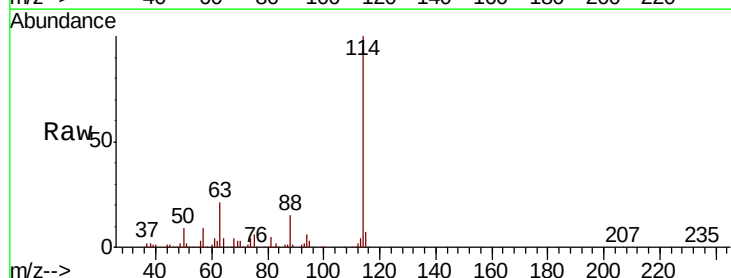
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

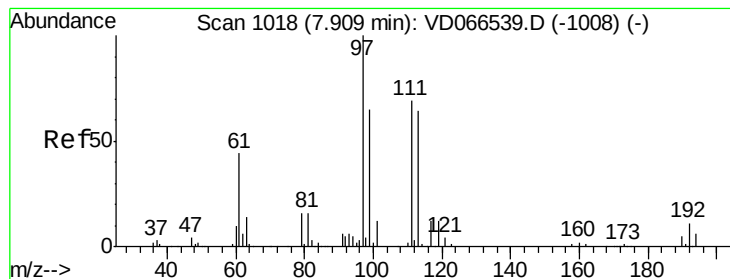
Tot Ion: 65 Resp: 43195
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066537.D
 Acq: 03 Sep 2020 15:02

Tgt Ion: 114 Resp: 589454
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 11.005 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

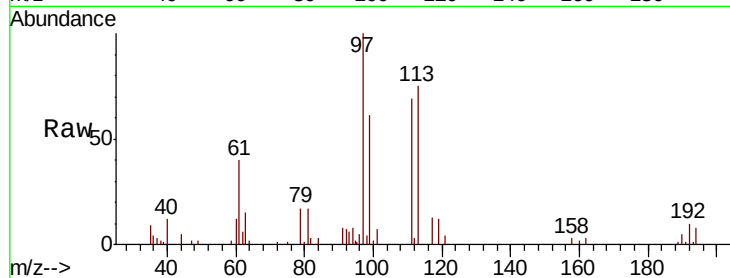
Tot Ion:113 Resp: 38802

Ion Ratio Lower Upper

113 100

111 102.3 83.2 124.8

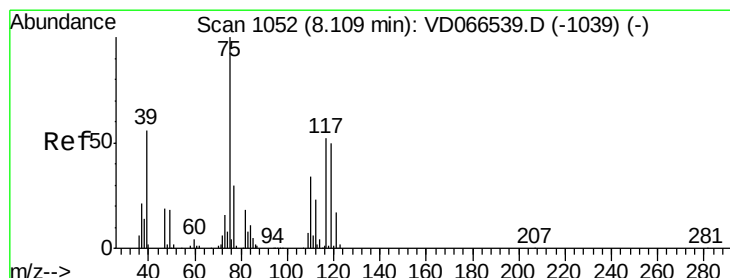
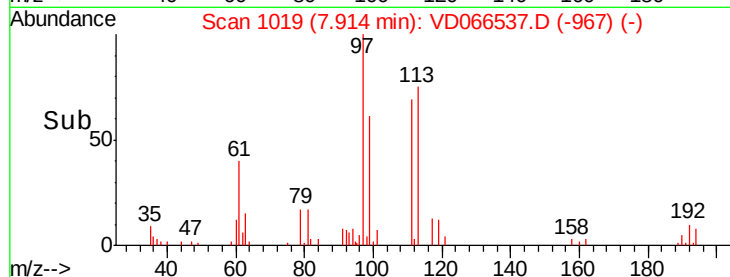
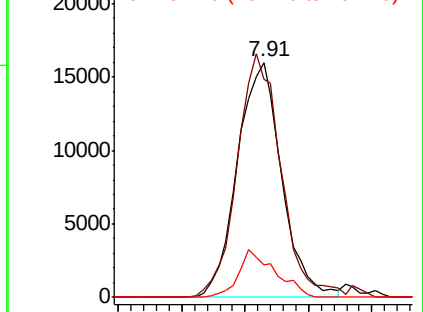
192 17.1 13.7 20.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 12.160 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

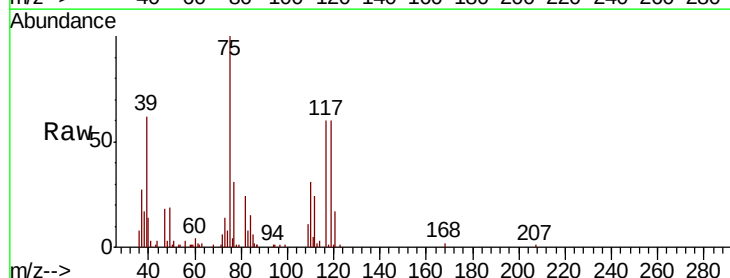
Tgt Ion: 75 Resp: 64260

Ion Ratio Lower Upper

75 100

110 32.8 17.3 52.0

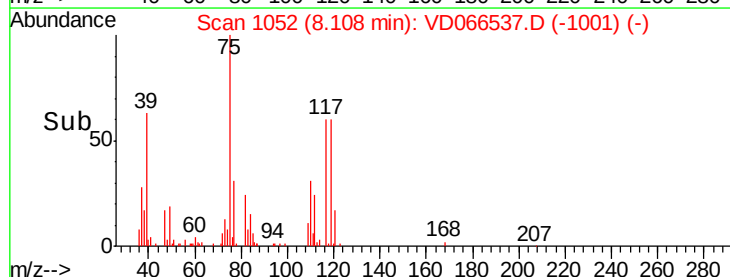
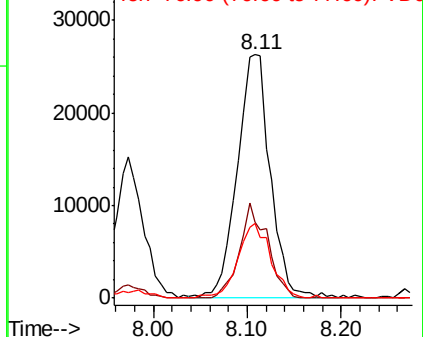
77 30.4 25.1 37.7

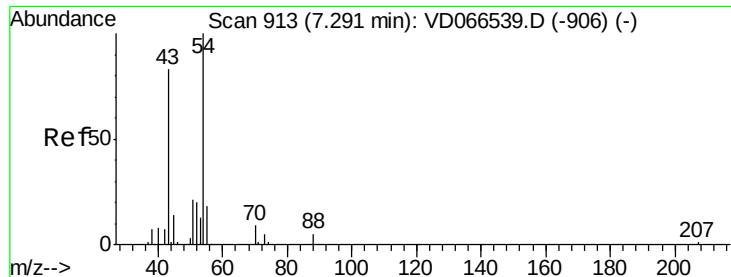


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

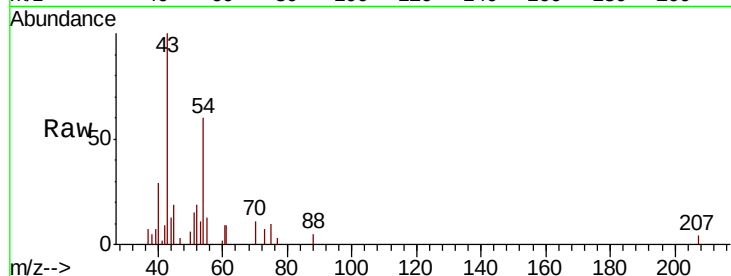




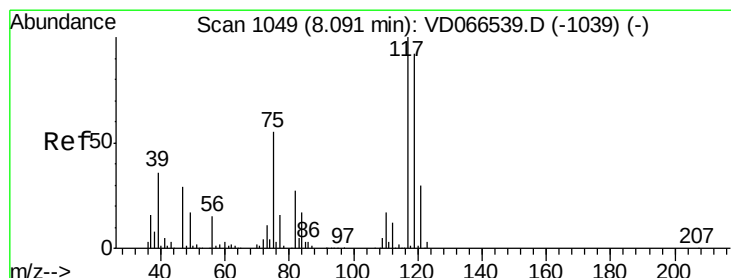
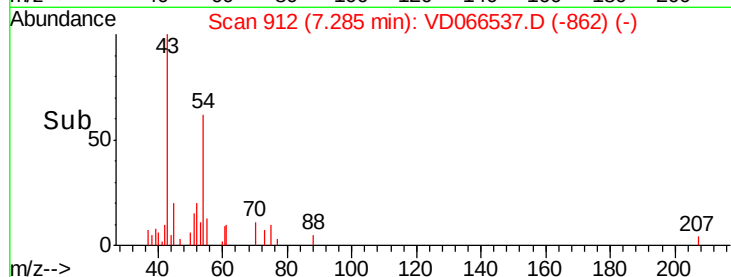
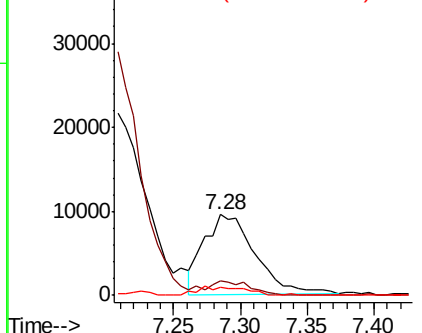
#37
Ethyl Acetate
Concen: 15.073 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 25604
Ion Ratio Lower Upper
43 100
61 13.6 11.8 17.8
70 10.0 7.9 11.9

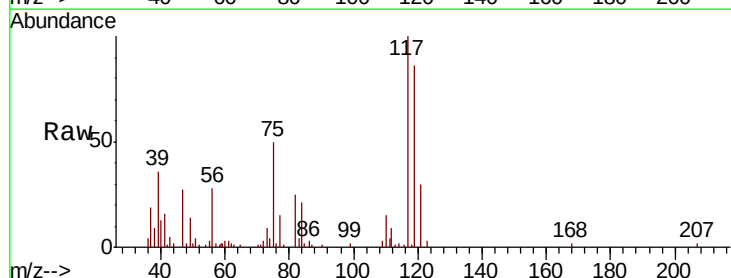


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

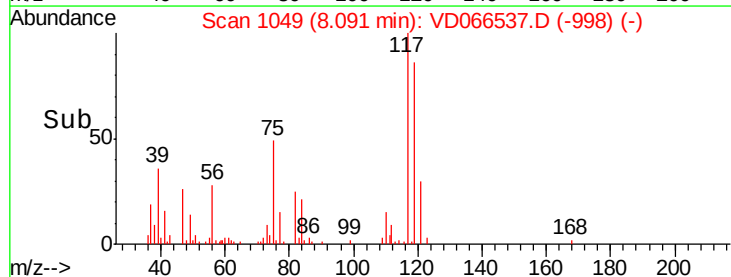
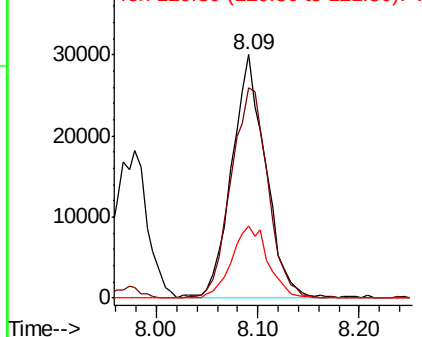


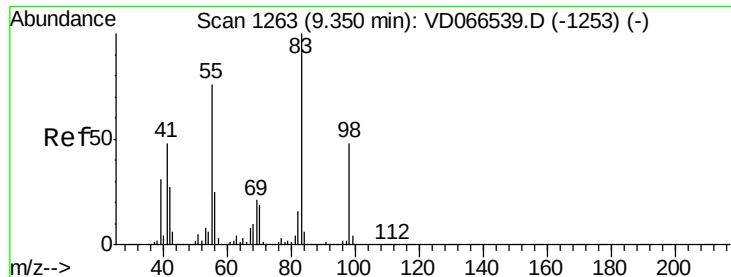
#38
Carbon Tetrachloride
Concen: 9.164 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Tgt Ion: 117 Resp: 69246
Ion Ratio Lower Upper
117 100
119 86.5 73.9 110.9
121 29.7 24.1 36.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

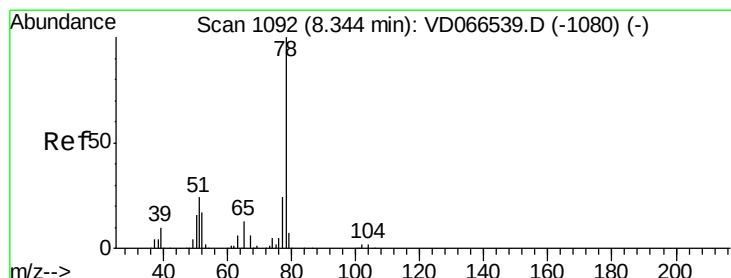
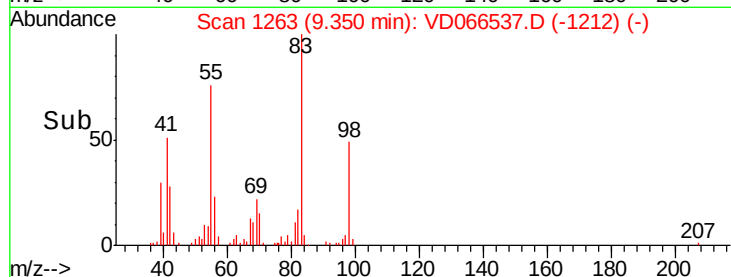
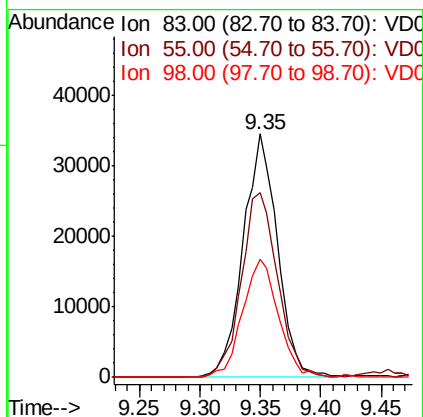
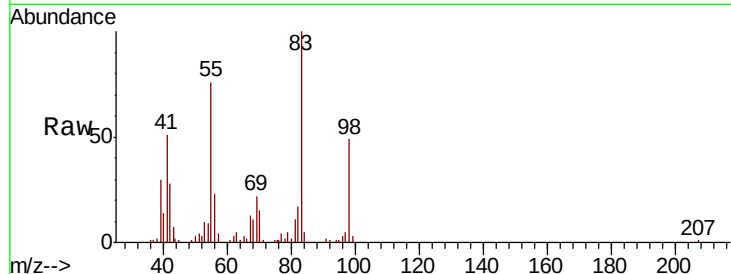




#39
Methylvlcyclohexane
Concen: 11.044 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

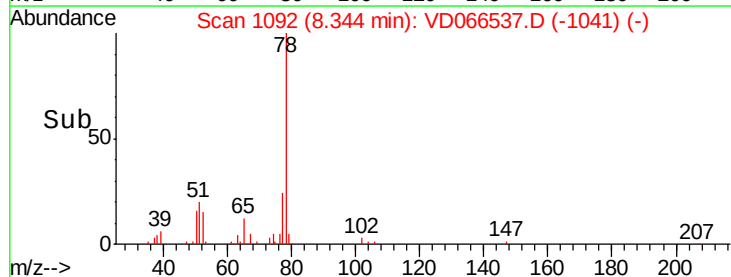
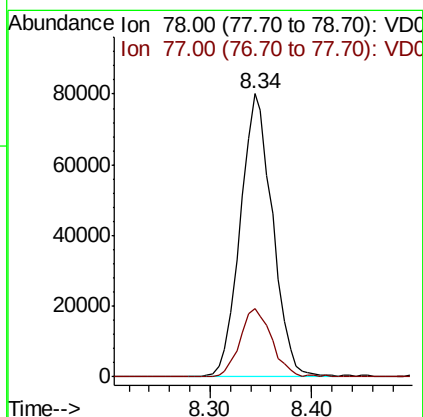
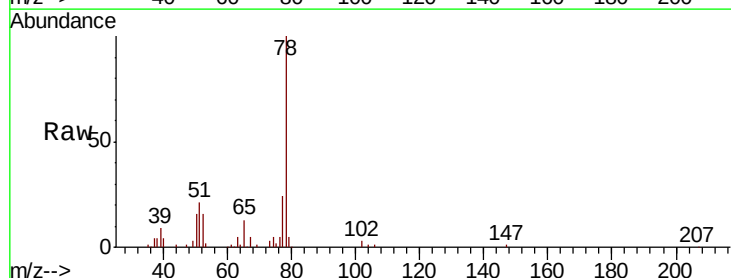
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

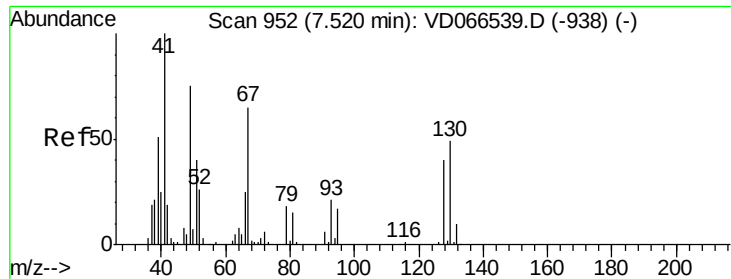
Tot Ion: 83 Resp: 68466
Ion Ratio Lower Upper
83 100
55 76.1 60.8 91.2
98 48.6 38.6 58.0



#40
Benzene
Concen: 12.845 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Tgt Ion: 78 Resp: 176647
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

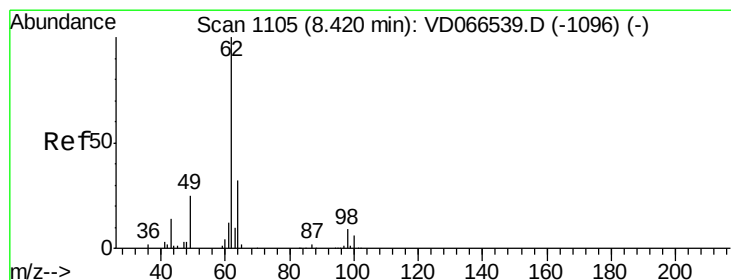
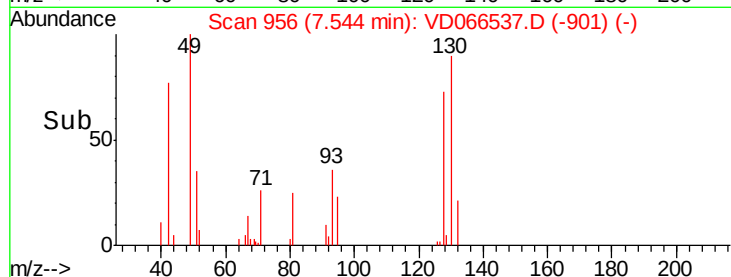
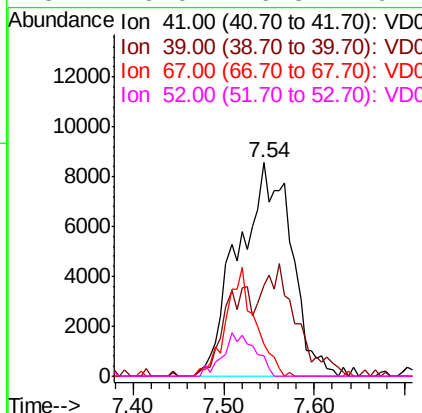
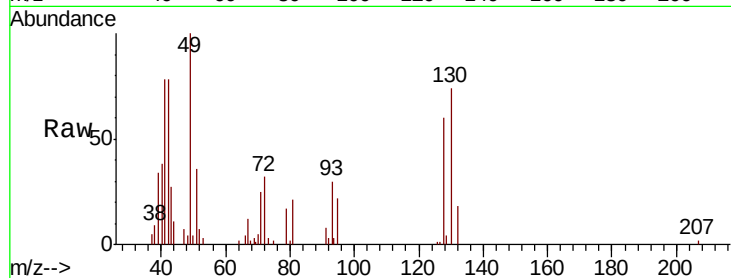




#41
Methacrylonitrile
Concen: 38.529 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.02 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

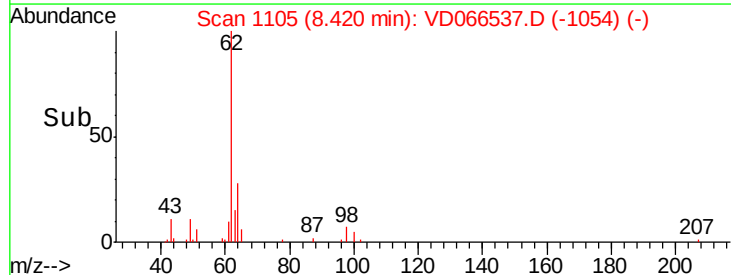
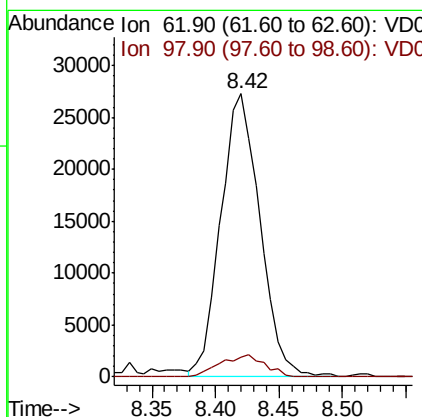
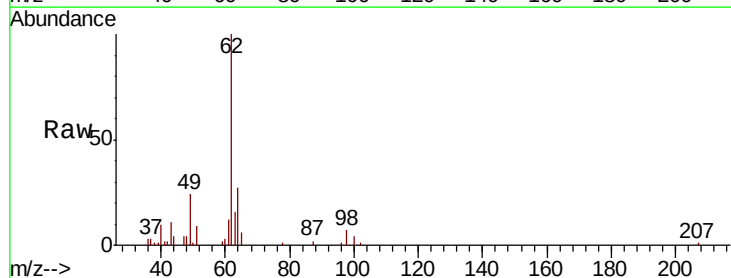
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

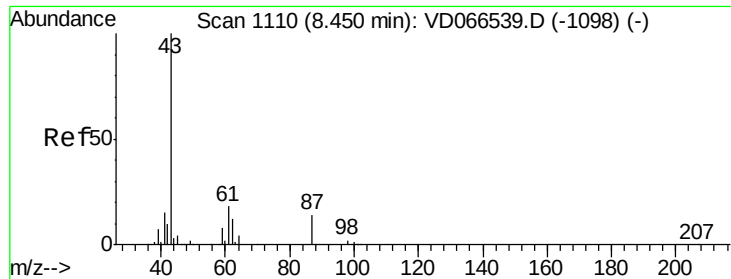
Tot Ion: 41 Resp: 34813
Ion Ratio Lower Upper
41 100
39 34.8 53.6 80.4#
67 0.0 59.2 88.8#
52 0.0 26.8 40.2#



#42
1,2-Dichloroethane
Concen: 10.567 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Tgt Ion: 62 Resp: 58587
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6





#43

Isopropyl Acetate

Concen: 13.965 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

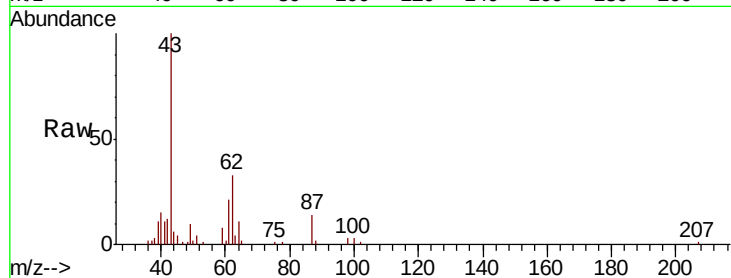
Tot Ion: 43 Resp: 48384

Ion Ratio Lower Upper

43 100

61 31.5 23.8 35.8

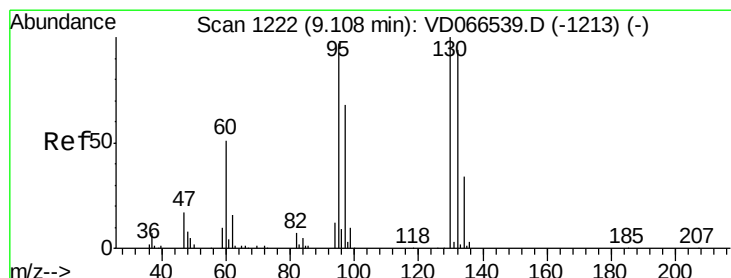
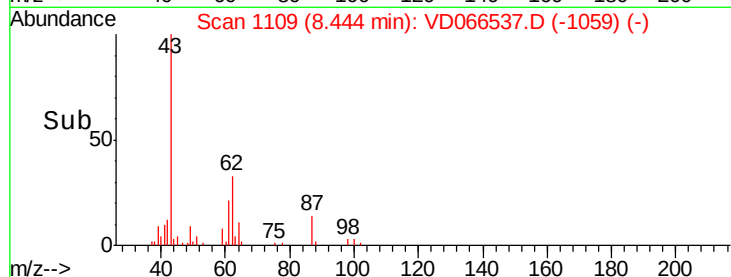
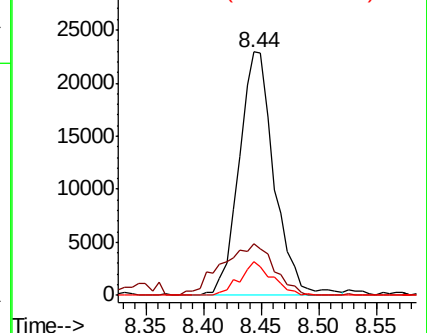
87 12.8 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 10.151 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066537.D

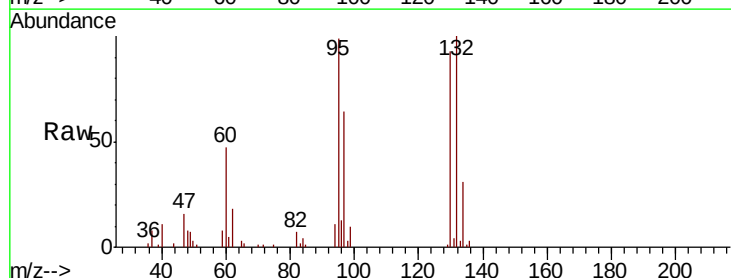
Acq: 03 Sep 2020 15:02

Tgt Ion:130 Resp: 45911

Ion Ratio Lower Upper

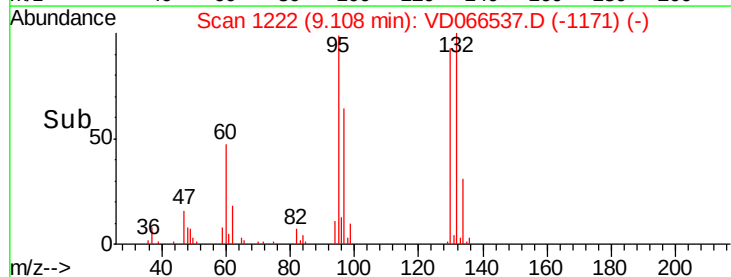
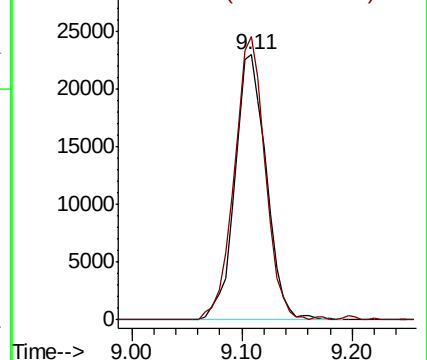
130 100

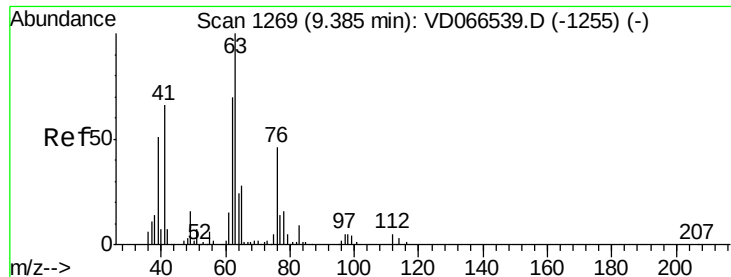
95 106.8 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 15.795 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

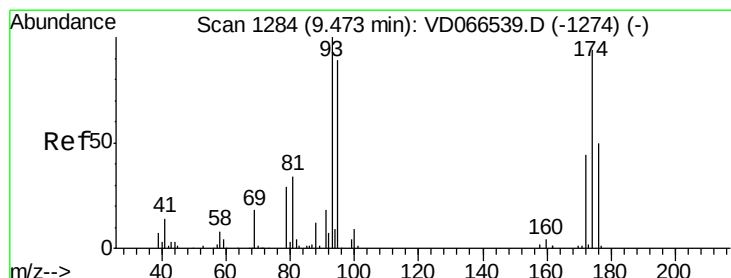
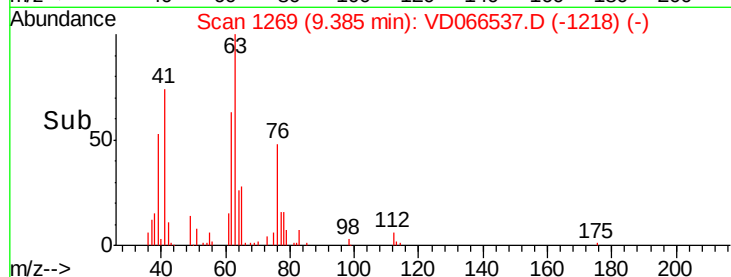
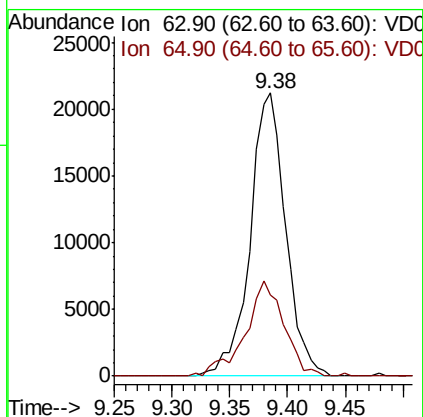
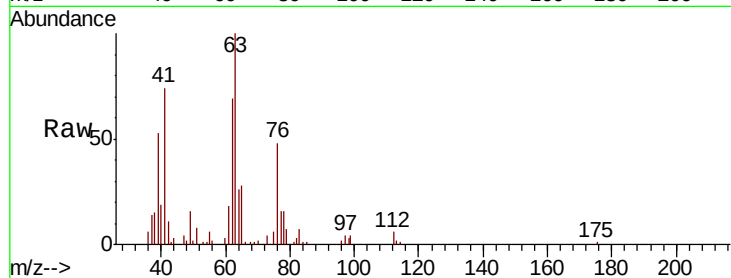
VSTDIC010

Tot Ion: 63 Resp: 45454

Ion Ratio Lower Upper

63 100

65 28.5 22.6 34.0



#46

Dibromomethane

Concen: 12.548 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

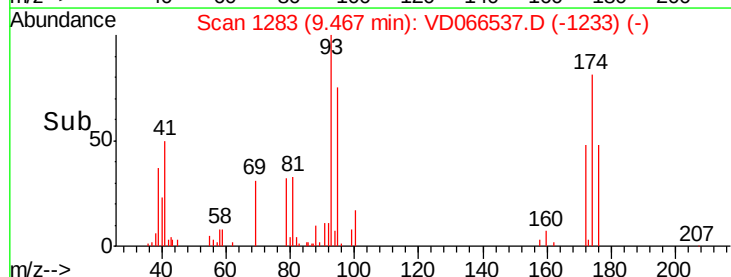
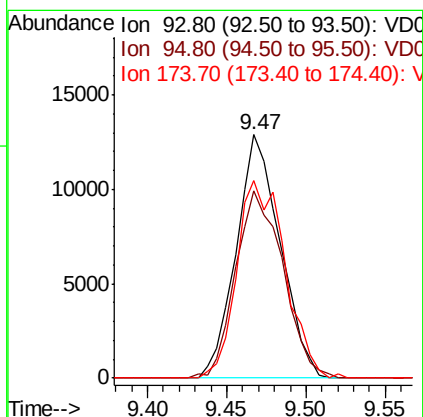
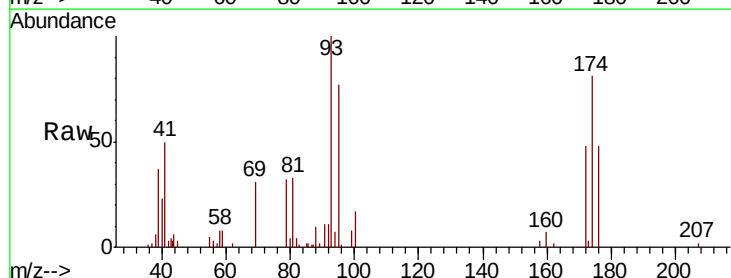
Tgt Ion: 93 Resp: 24800

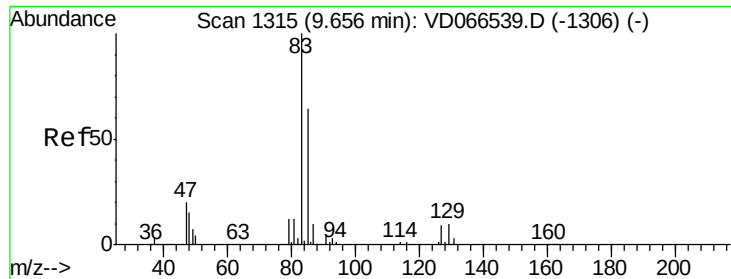
Ion Ratio Lower Upper

93 100

95 82.9 68.7 103.1

174 89.4 70.0 105.0

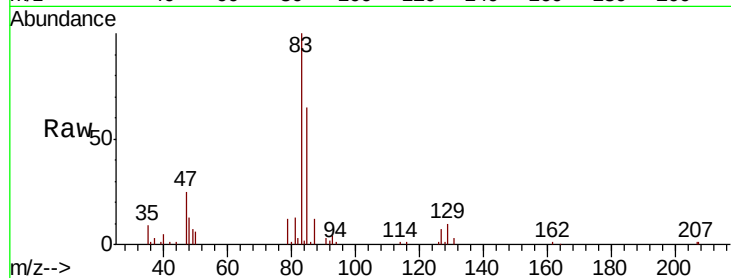




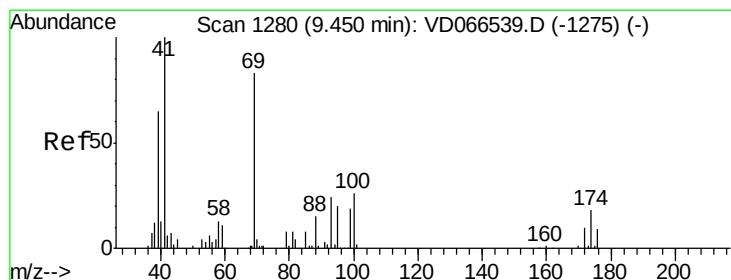
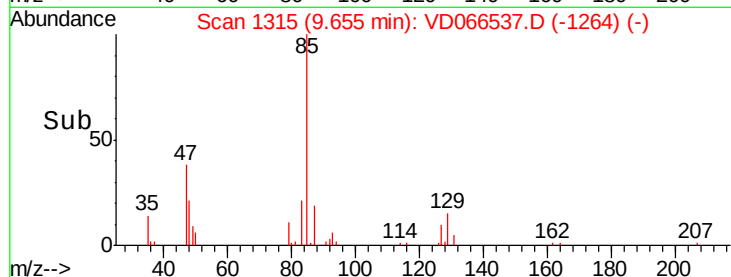
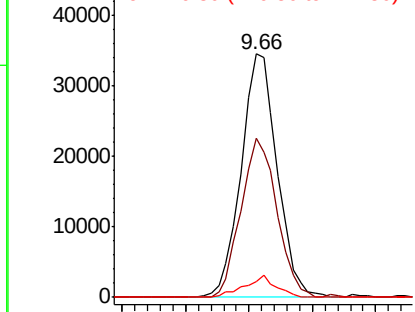
#47
Bromodichloromethane
Concen: 11.794 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 83 Resp: 68231
Ion Ratio Lower Upper
83 100
85 65.5 51.1 76.7
127 6.6 6.9 10.3#

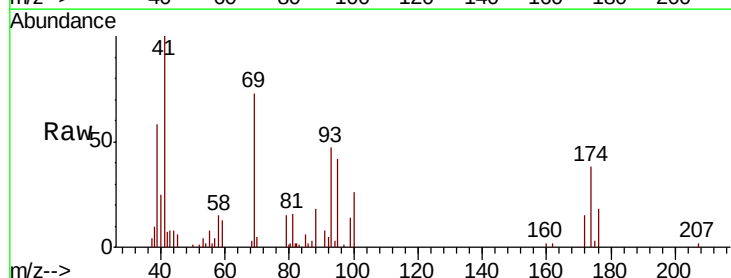


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

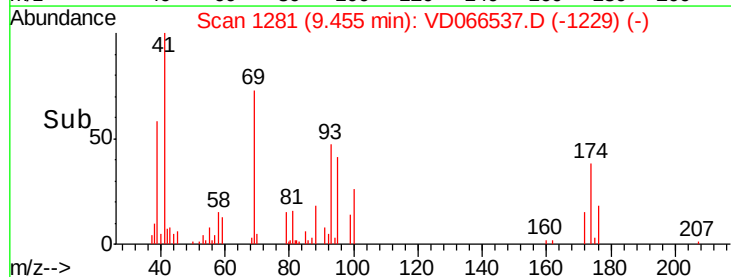
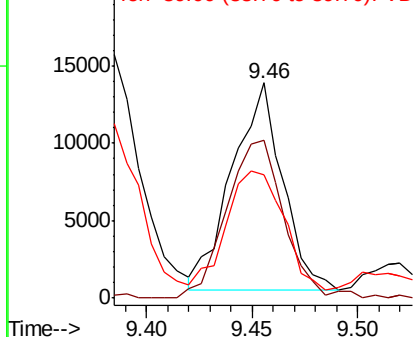


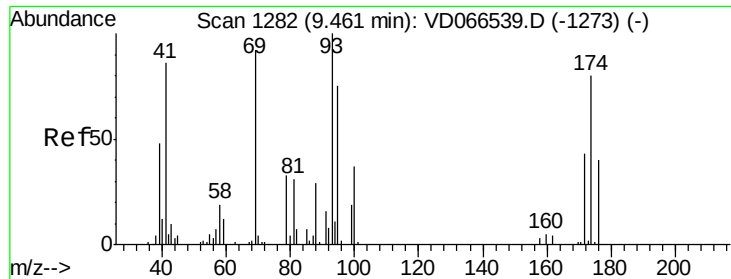
#48
Methyl methacrylate
Concen: 12.484 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.01 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Tgt Ion: 41 Resp: 22072
Ion Ratio Lower Upper
41 100
69 87.9 64.5 96.7
39 74.7 46.6 69.8#



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





#49

1,4-Dioxane

Concen: 227.358 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

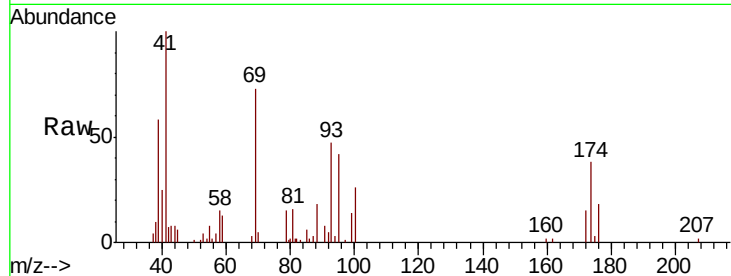
Tot Ion: 88 Resp: 5200

Ion Ratio Lower Upper

88 100

43 43.8 28.3 42.5#

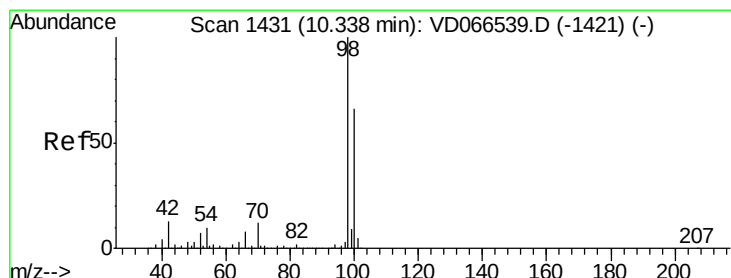
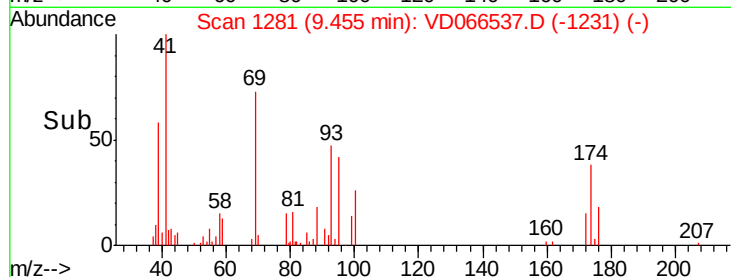
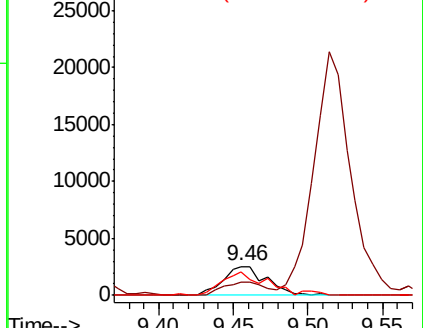
58 78.0 56.1 84.1



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: 9.720 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066537.D

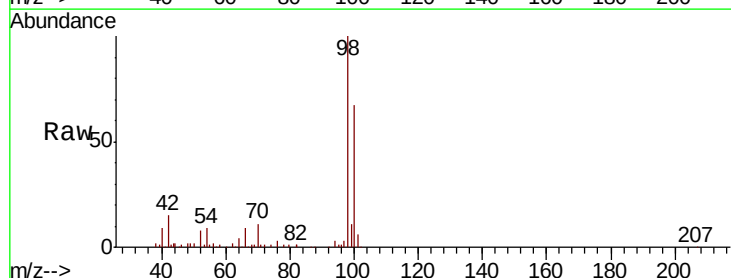
Acq: 03 Sep 2020 15:02

Tgt Ion: 98 Resp: 127964

Ion Ratio Lower Upper

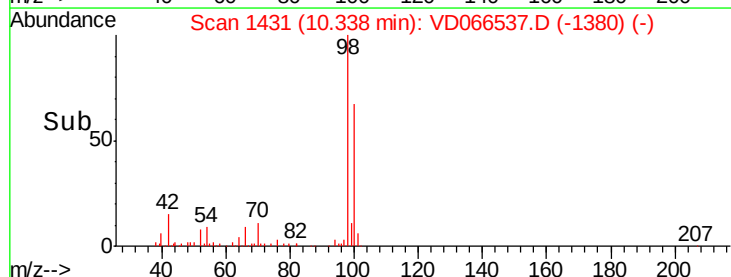
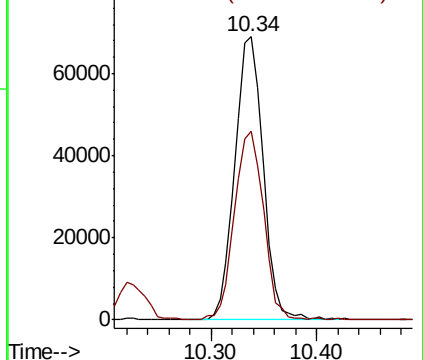
98 100

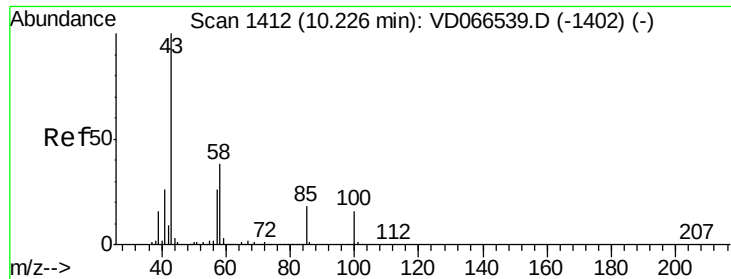
100 68.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

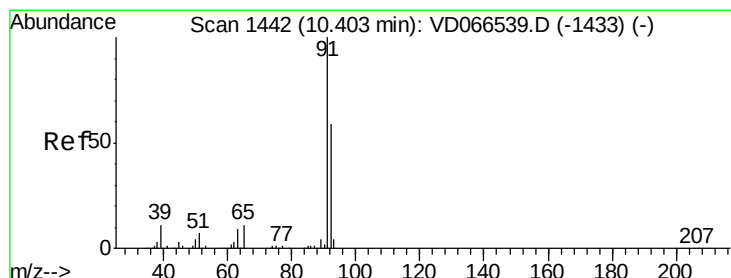
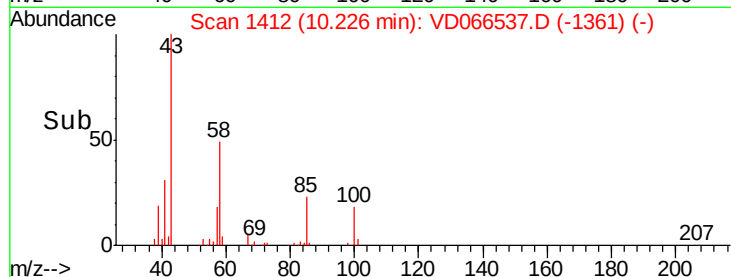
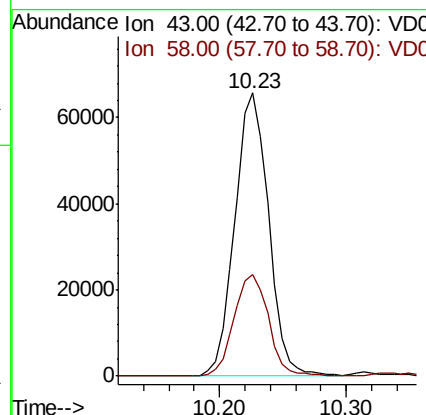
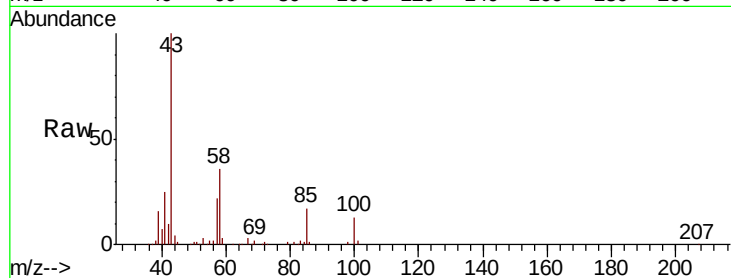




#51
4-Methyl-2-Pentanone
Concen: 74.691 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

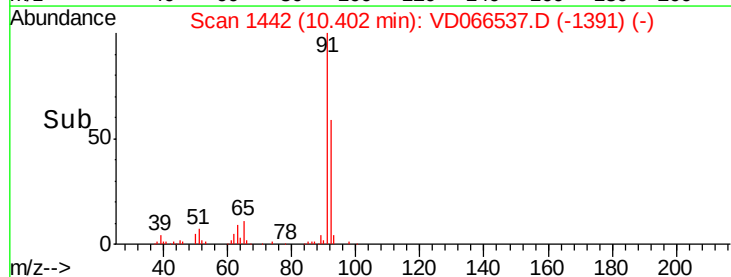
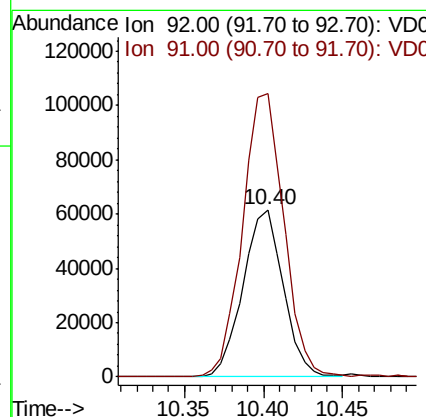
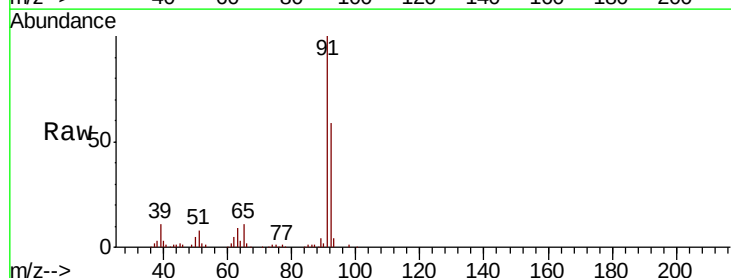
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

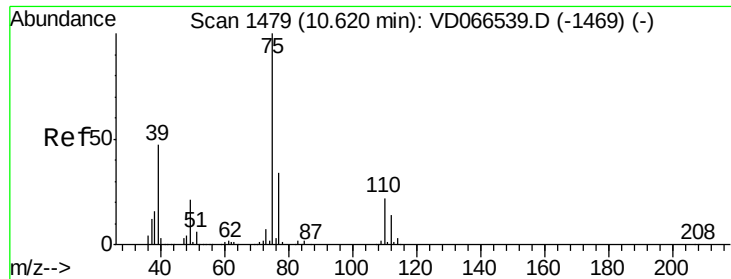
Tot Ion: 43 Resp: 121386
Ion Ratio Lower Upper
43 100
58 36.6 30.5 45.7



#52
Toluene
Concen: 11.391 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Tgt Ion: 92 Resp: 109295
Ion Ratio Lower Upper
92 100
91 173.3 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 10.296 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

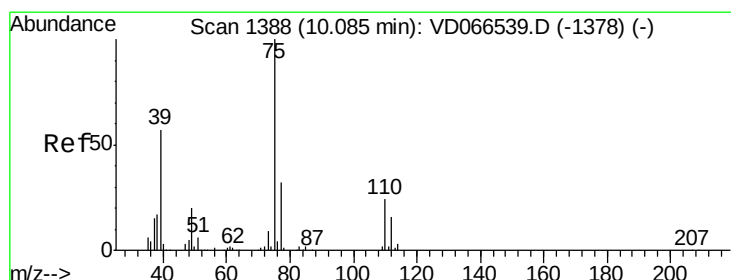
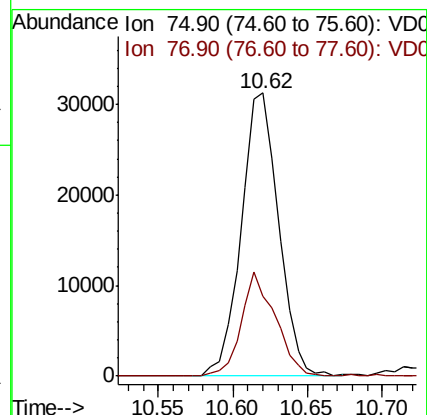
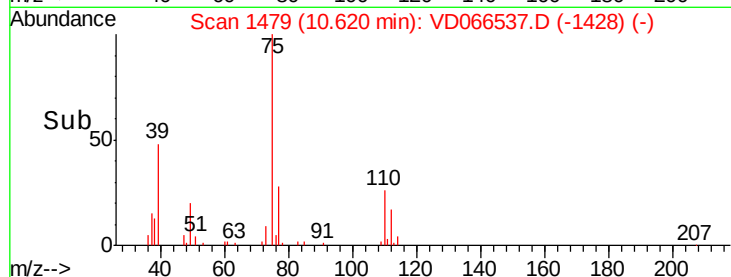
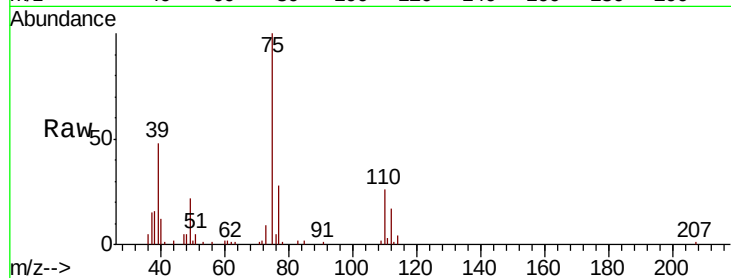
VSTDIC010

Tot Ion: 75 Resp: 54074

Ion Ratio Lower Upper

75 100

77 28.3 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 12.306 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

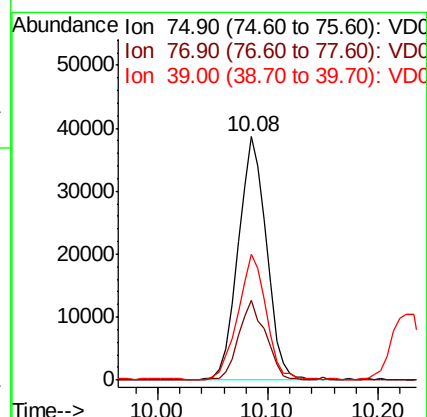
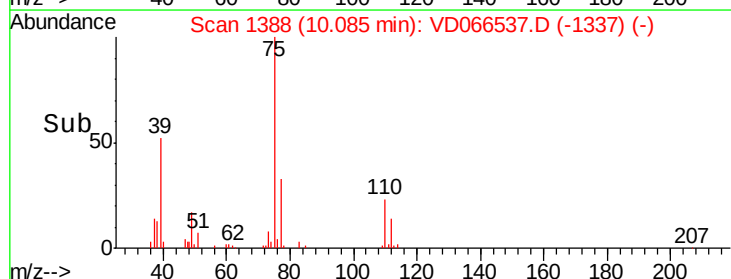
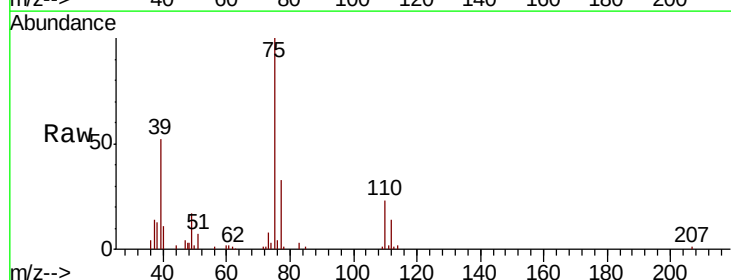
Tgt Ion: 75 Resp: 69765

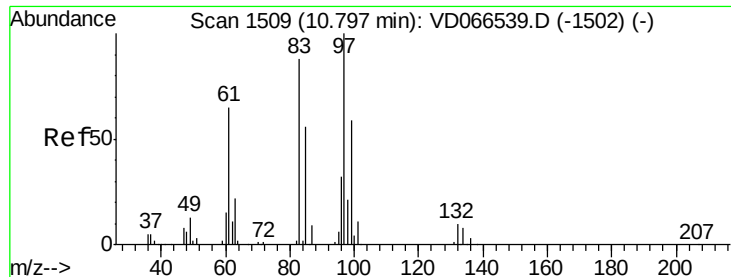
Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.0

39 51.6 45.4 68.0





#55

1,1,2-Trichloroethane

Concen: 12.868 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 97 Resp: 32196

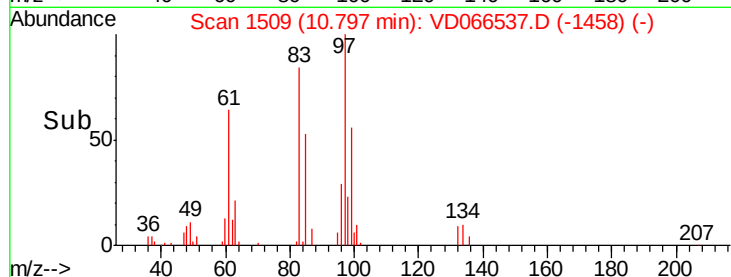
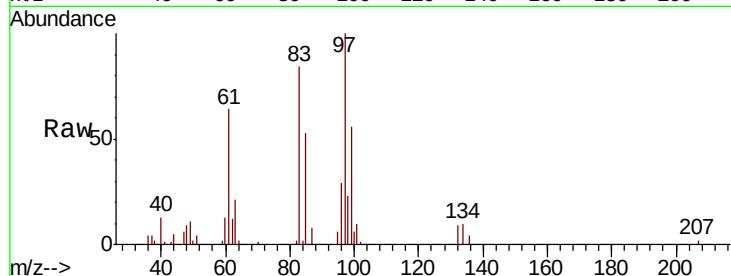
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.1	105.1
85	53.2	44.5	66.7
99	55.6	47.1	70.7

97 100

83 84.3 70.1 105.1

85 53.2 44.5 66.7

99 55.6 47.1 70.7



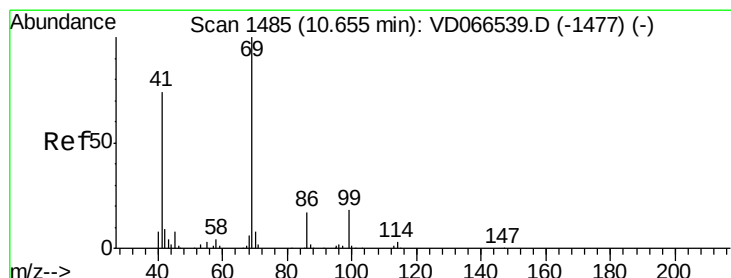
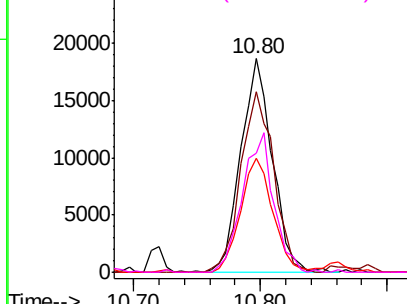
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 11.317 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.01 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

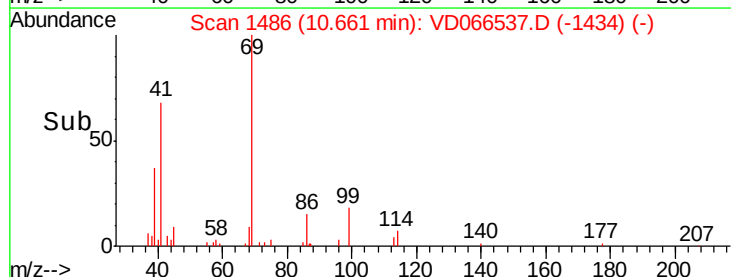
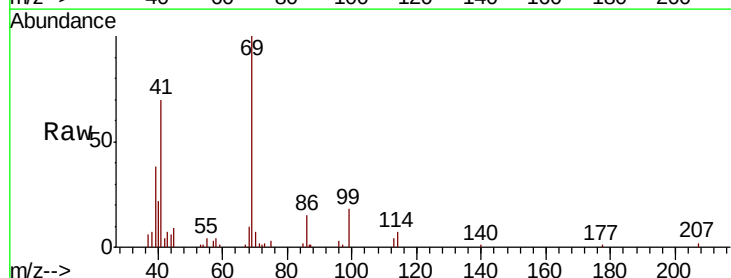
Tgt Ion: 69 Resp: 33778

Ion	Ratio	Lower	Upper
69	100		
41	73.3	56.8	85.2
39	36.7	30.6	46.0

69 100

41 73.3 56.8 85.2

39 36.7 30.6 46.0

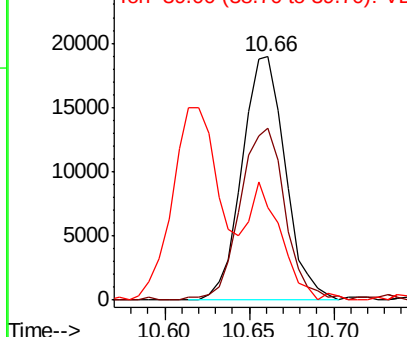


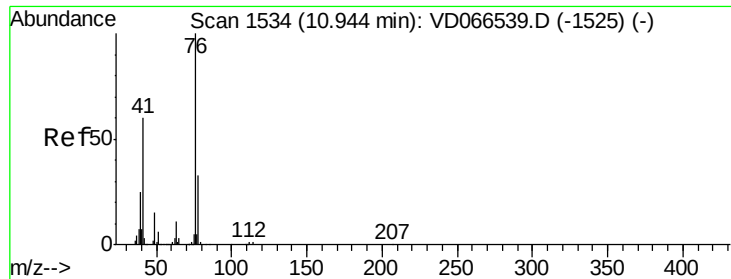
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 13.325 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

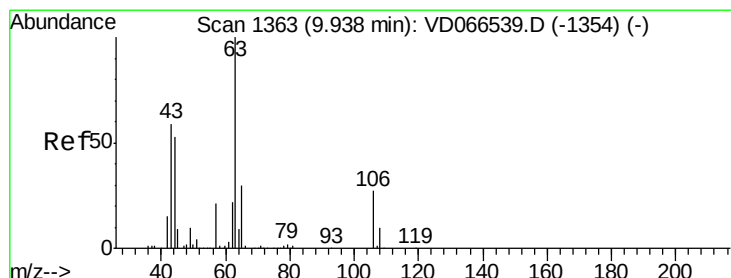
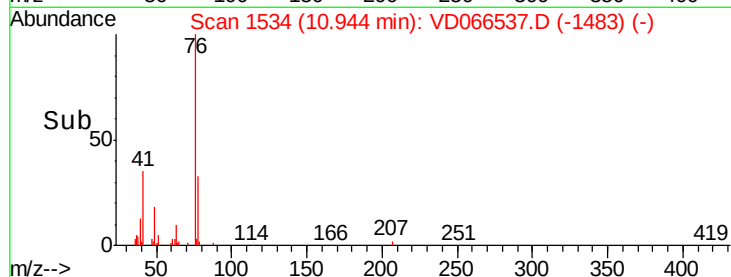
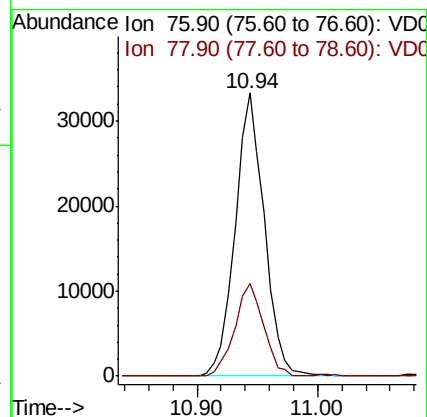
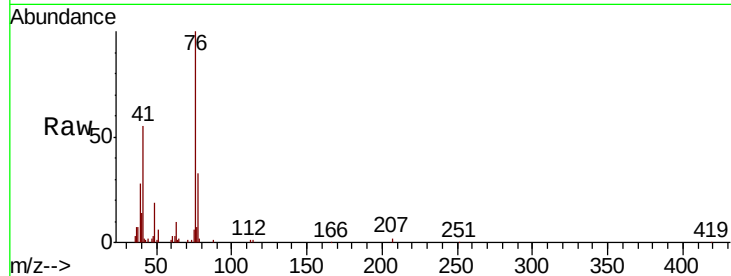
VSTDIC010

Tot Ion: 76 Resp: 55952

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 68.135 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066537.D

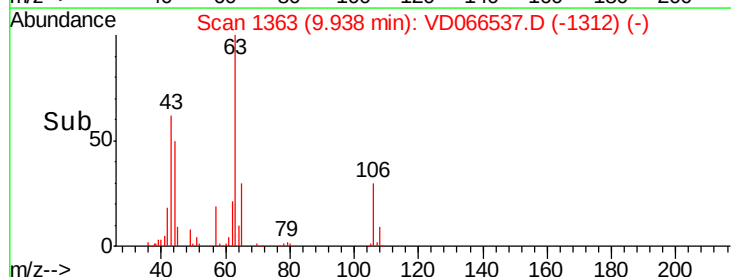
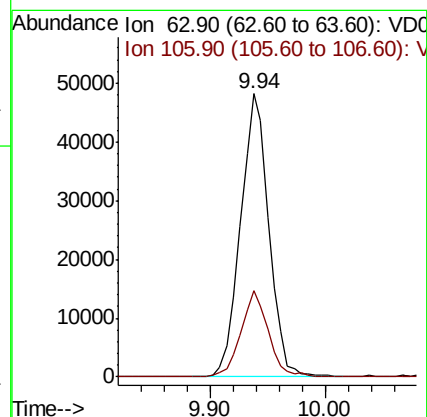
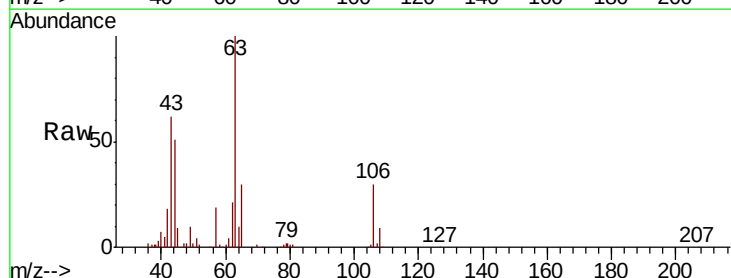
Acq: 03 Sep 2020 15:02

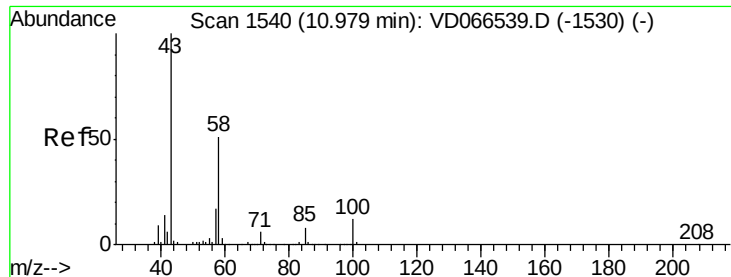
Tgt Ion: 63 Resp: 81902

Ion Ratio Lower Upper

63 100

106 29.4 22.0 33.0

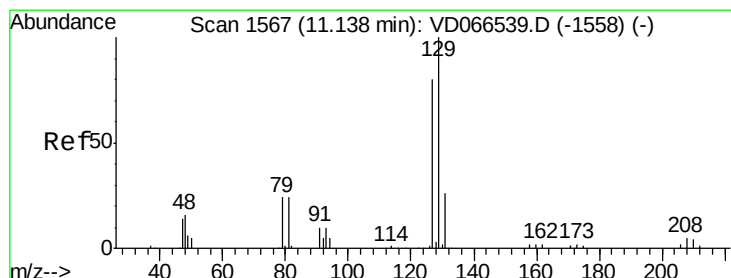
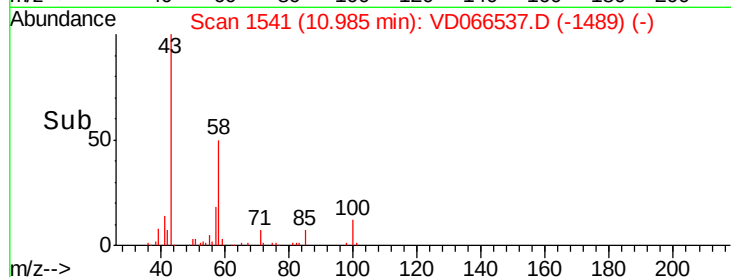
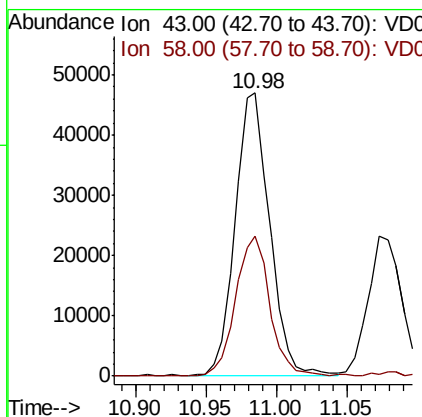
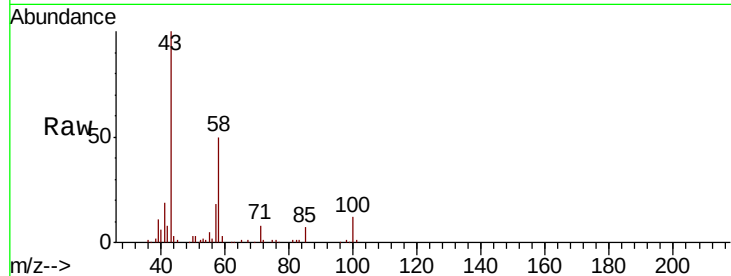




#59
2-Hexanone
Concen: 69.033 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

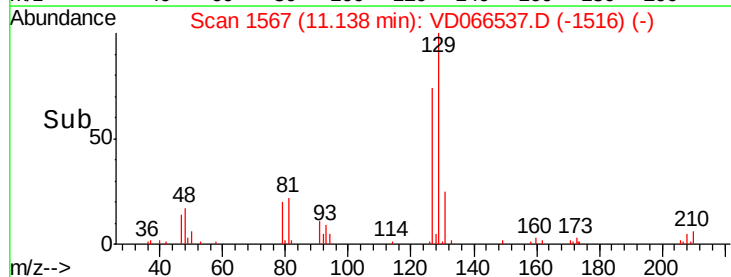
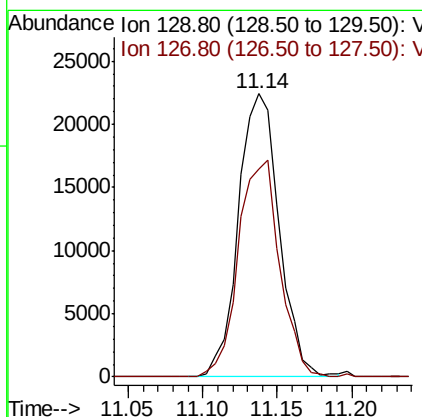
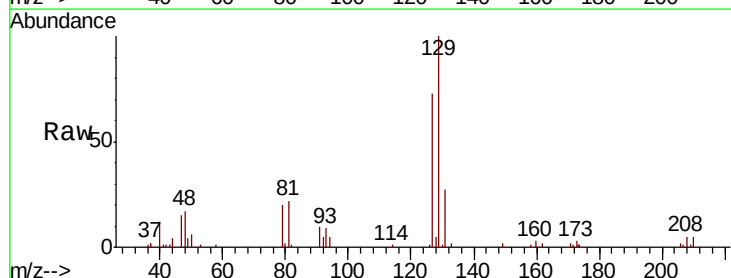
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

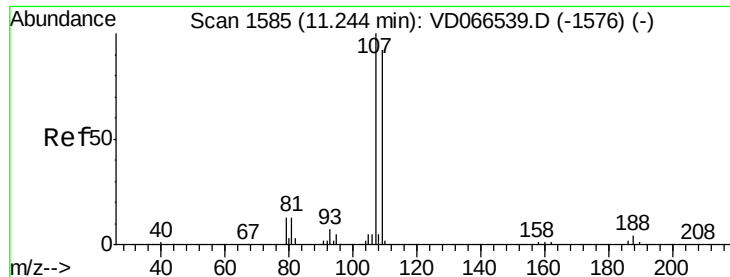
Tot Ion: 43 Resp: 80485
Ion Ratio Lower Upper
43 100
58 49.1 25.6 76.8



#60
Dibromochloromethane
Concen: 10.653 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Tgt Ion: 129 Resp: 42477
Ion Ratio Lower Upper
129 100
127 77.4 39.5 118.3

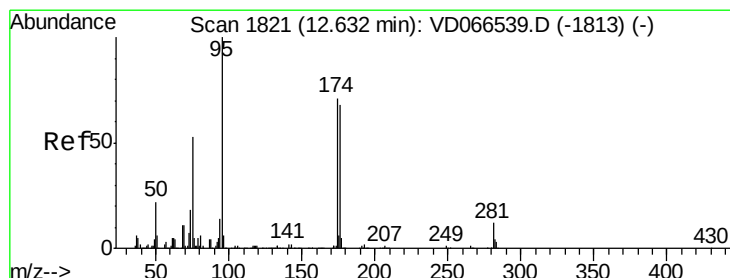
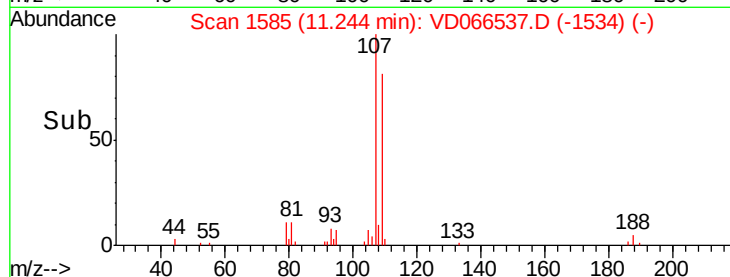
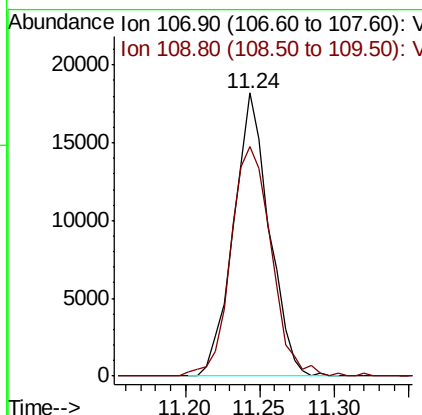
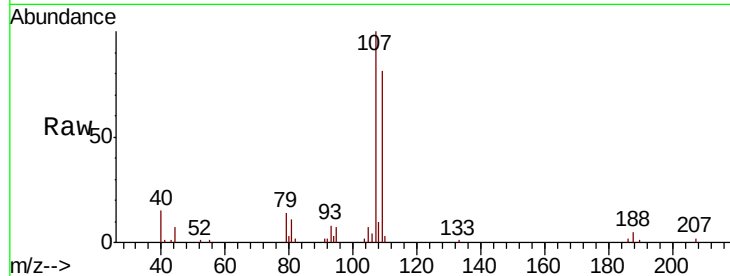




#61
 1,2-Dibromoethane
 Concen: 11.819 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066537.D
 Acq: 03 Sep 2020 15:02

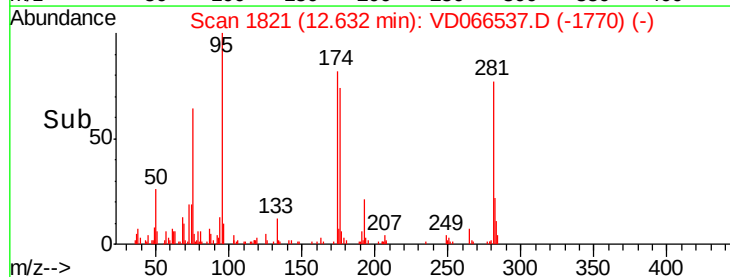
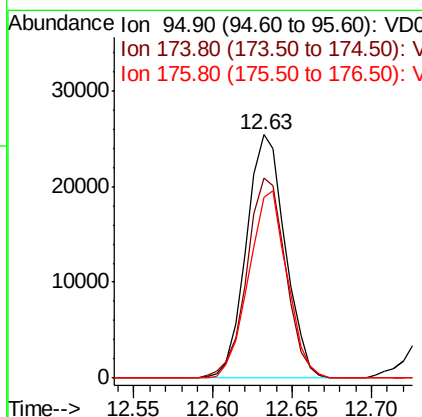
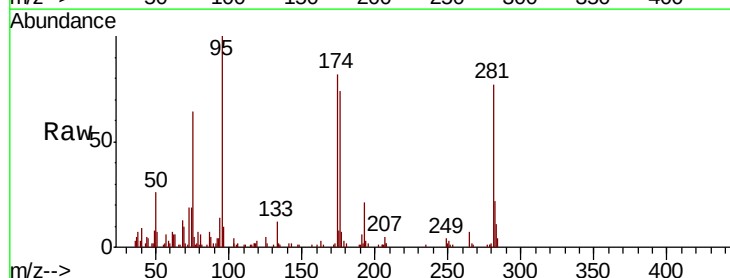
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

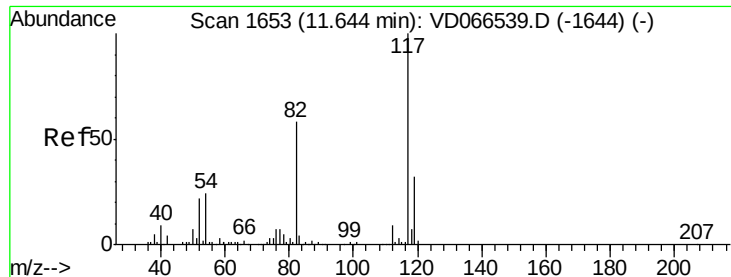
Tot Ion:107 Resp: 30188
 Ion Ratio Lower Upper
 107 100
 109 92.3 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 9.248 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066537.D
 Acq: 03 Sep 2020 15:02

Tgt Ion: 95 Resp: 43323
 Ion Ratio Lower Upper
 95 100
 174 82.1 0.0 155.8
 176 76.0 0.0 148.6

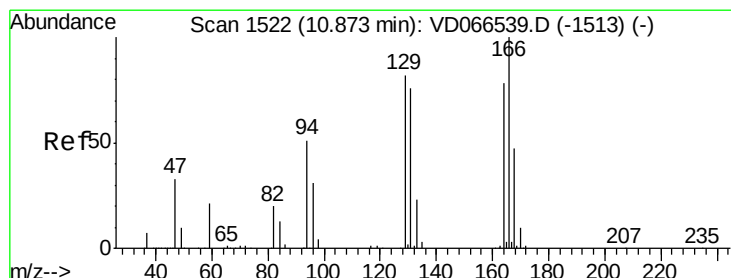
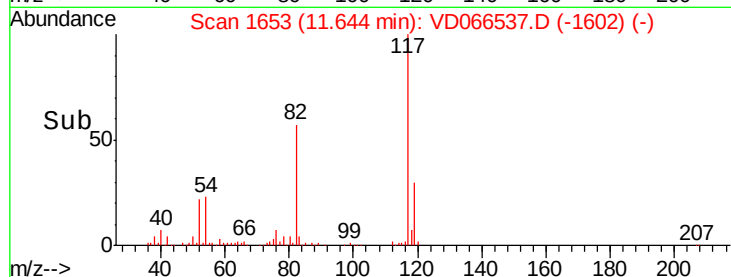
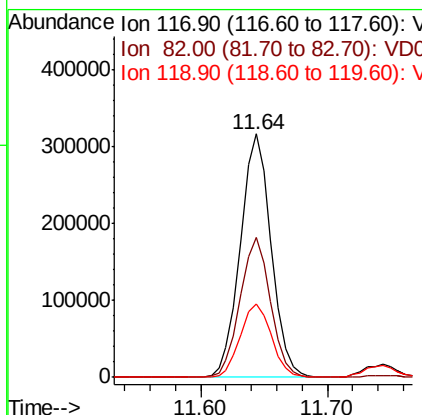
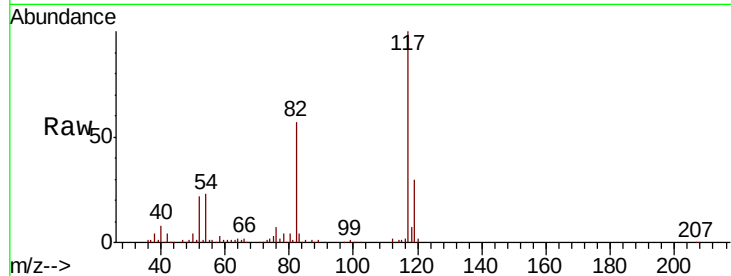




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

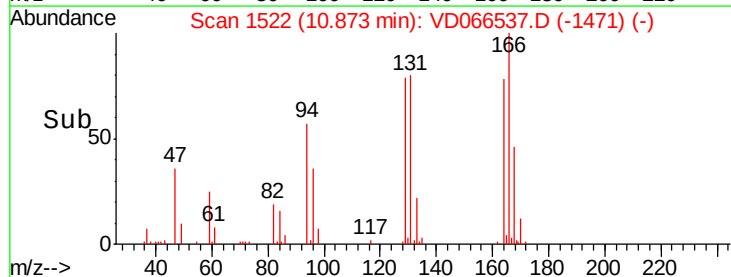
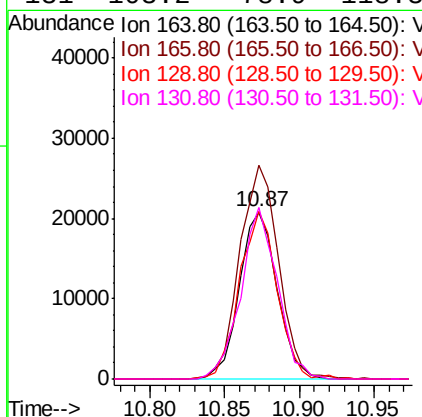
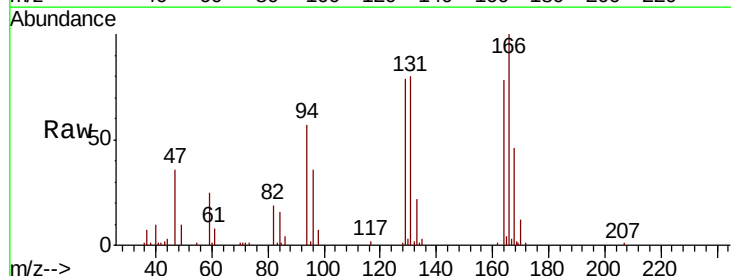
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

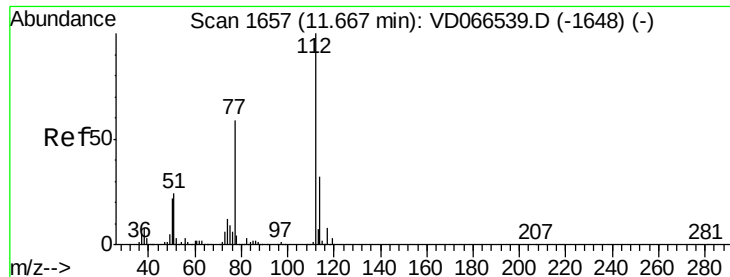
Tot Ion:117 Resp: 534689
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.2
119 30.1 25.8 38.8



#64
Tetrachloroethene
Concen: 8.991 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Tgt Ion:164 Resp: 36394
Ion Ratio Lower Upper
164 100
166 128.3 103.2 154.8
129 101.0 84.5 126.7
131 103.2 78.9 118.3

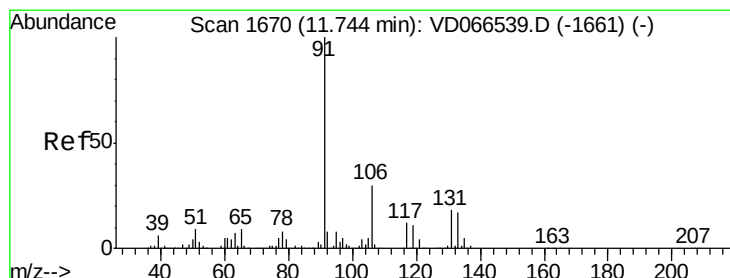
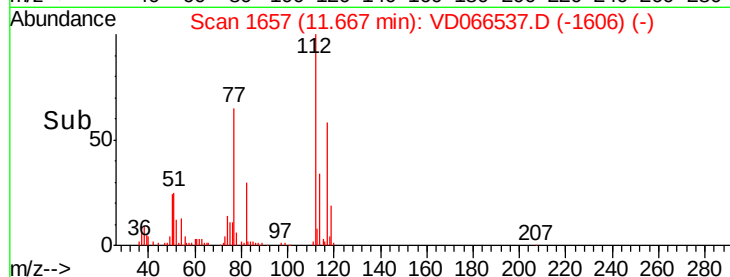
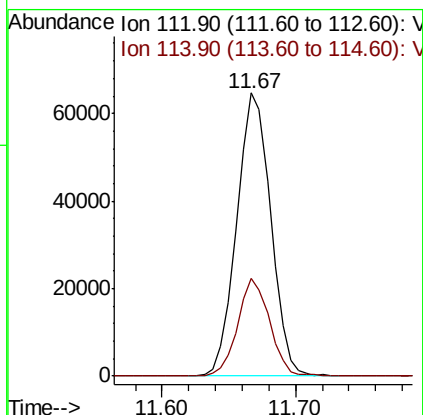
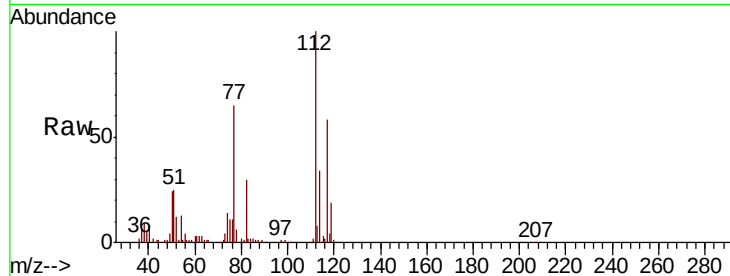




#65
Chlorobenzene
Concen: 10.856 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

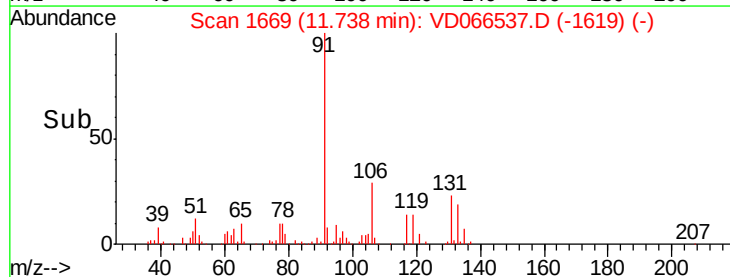
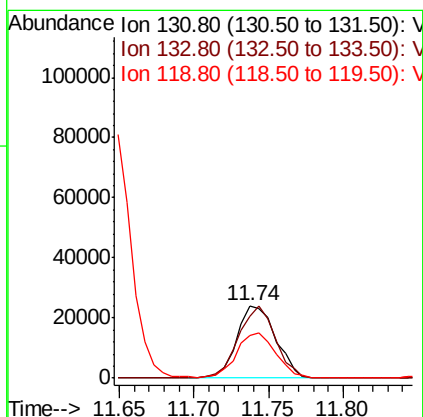
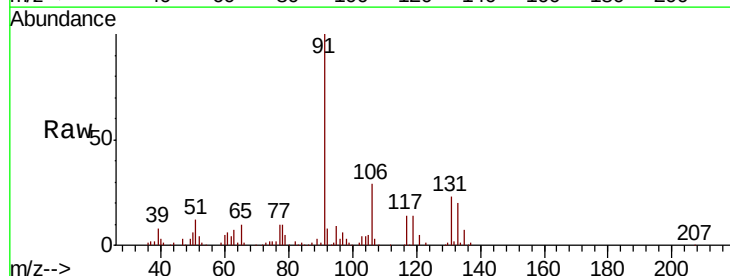
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

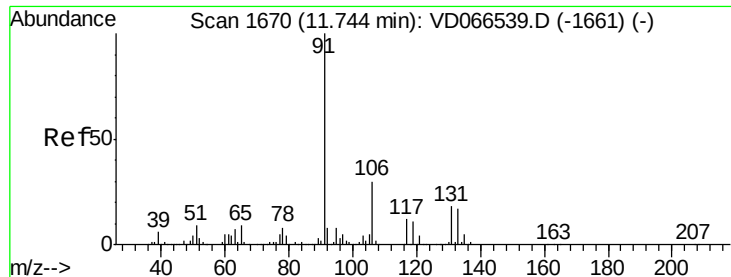
Tot Ion:112 Resp: 114033
Ion Ratio Lower Upper
112 100
114 34.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 9.948 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Tgt Ion:131 Resp: 43524
Ion Ratio Lower Upper
131 100
133 94.1 46.7 140.0
119 63.5 31.9 95.7

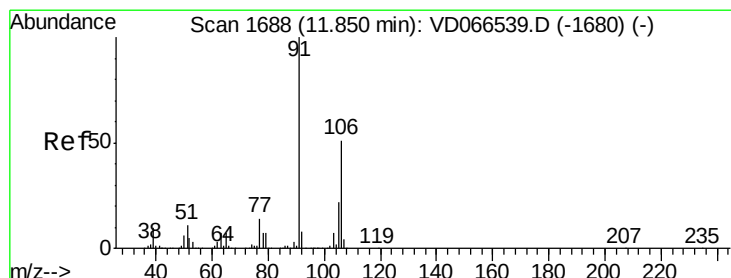
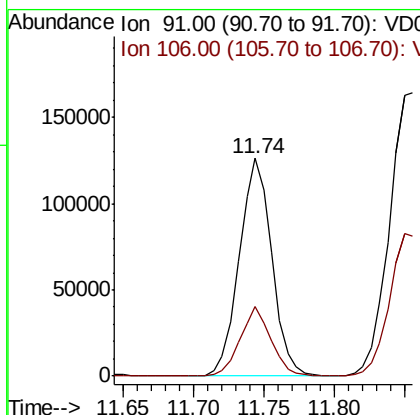
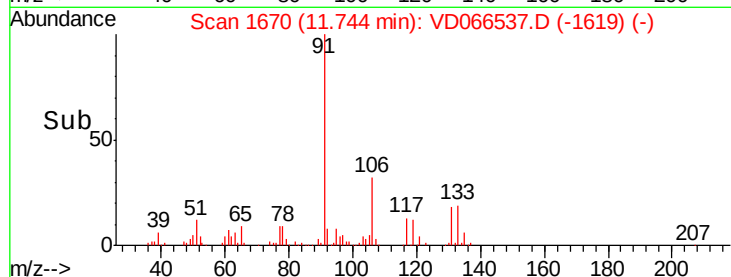
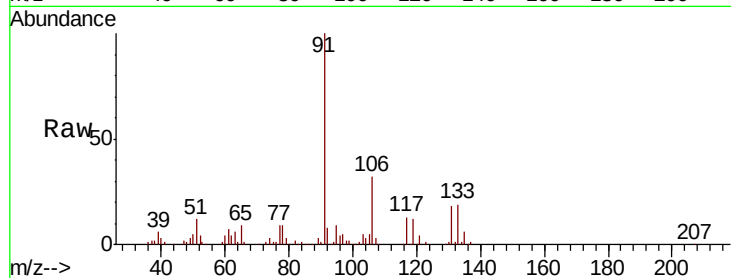




#67
Ethyl Benzene
Concen: 10.880 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

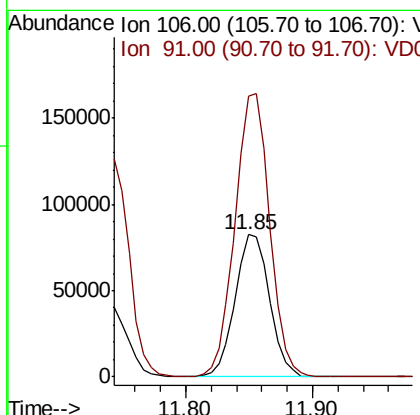
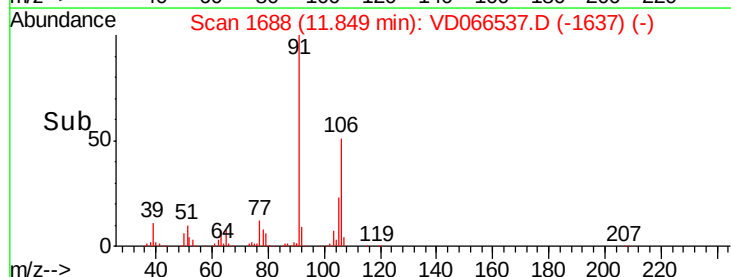
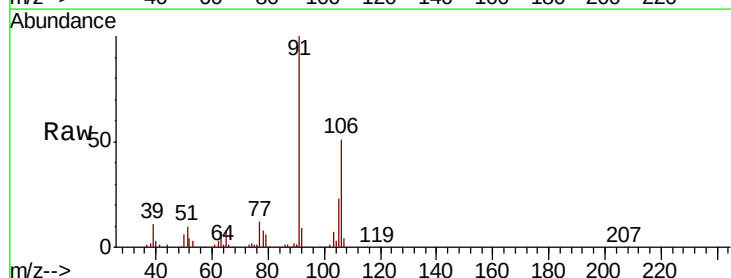
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

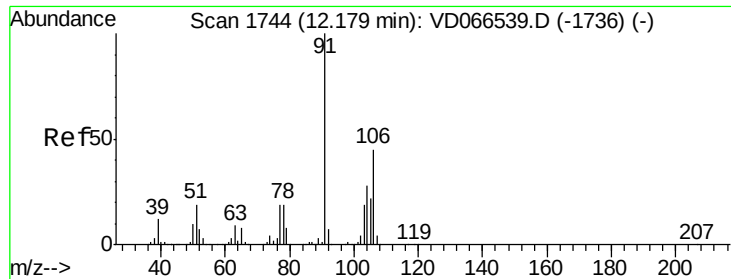
Tot Ion: 91 Resp: 203483
Ion Ratio Lower Upper
91 100
106 31.7 24.3 36.5



#68
m/p-Xylenes
Concen: 21.474 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Tgt Ion: 106 Resp: 155126
Ion Ratio Lower Upper
106 100
91 200.7 162.4 243.6

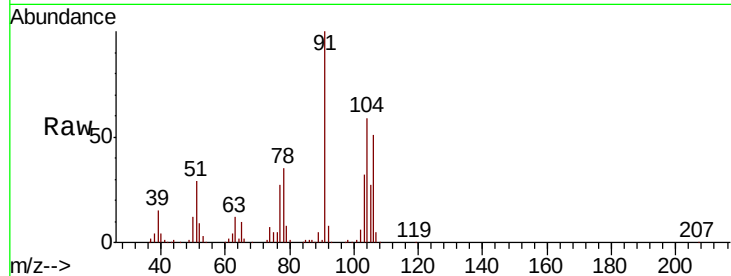




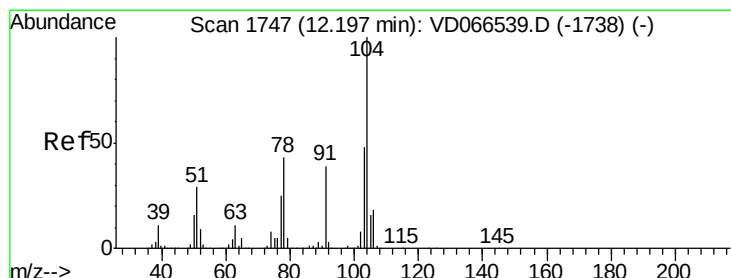
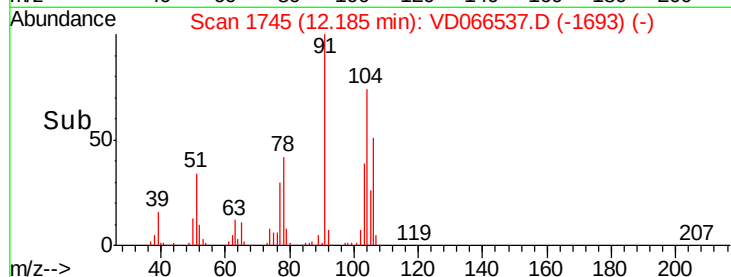
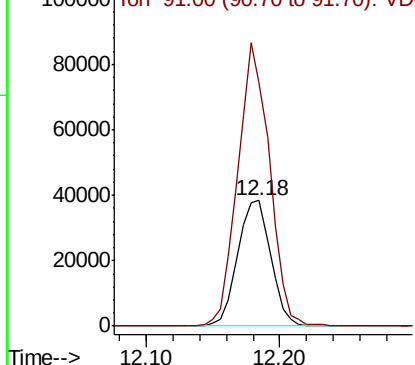
#69
o-Xylene
Concen: 9.704 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 65983
Ion Ratio Lower Upper
106 100
91 216.5 107.9 323.8

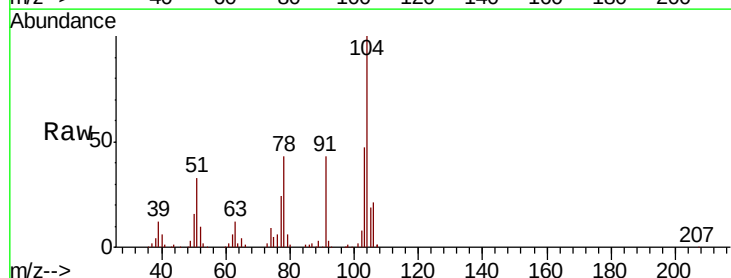


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

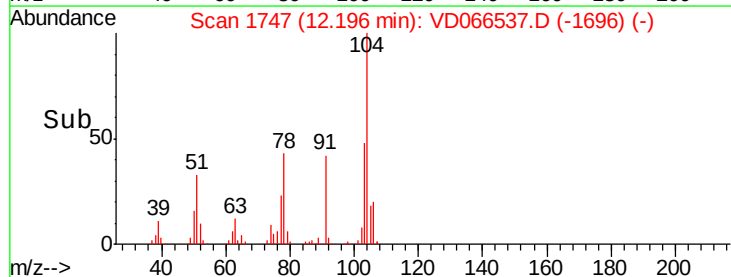
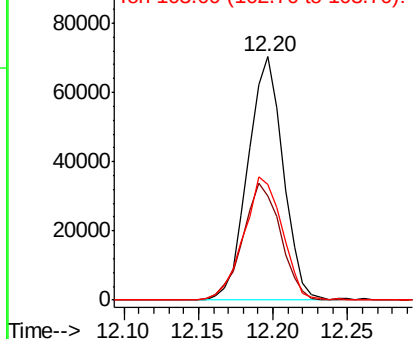


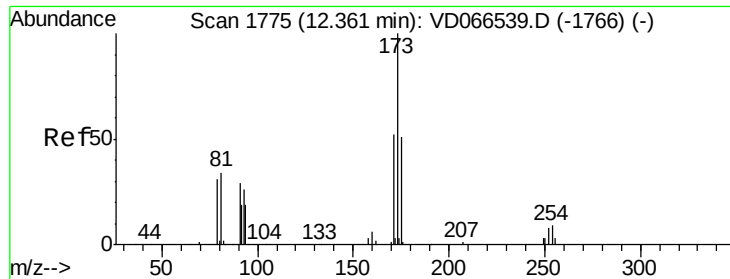
#70
Styrene
Concen: 9.875 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Tgt Ion:104 Resp: 115054
Ion Ratio Lower Upper
104 100
78 51.8 40.7 61.1
103 55.5 42.9 64.3



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: 9.558 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

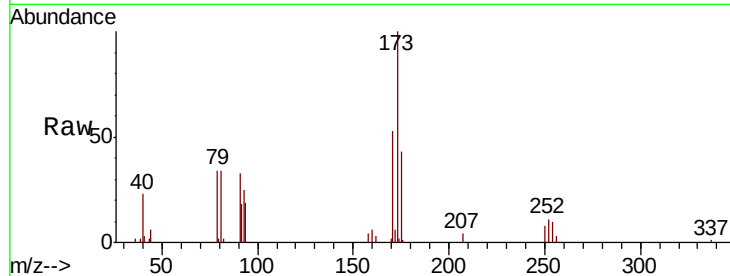
Tot Ion:173 Resp: 22511

Ion Ratio Lower Upper

173 100

175 47.2 24.2 72.6

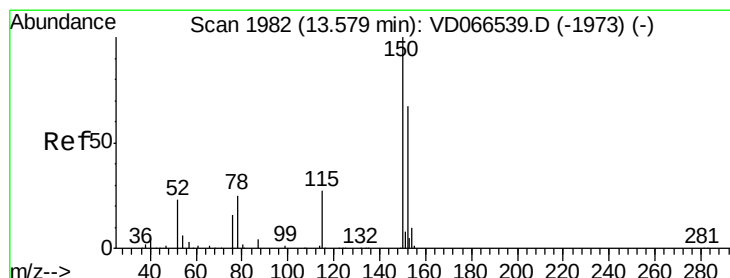
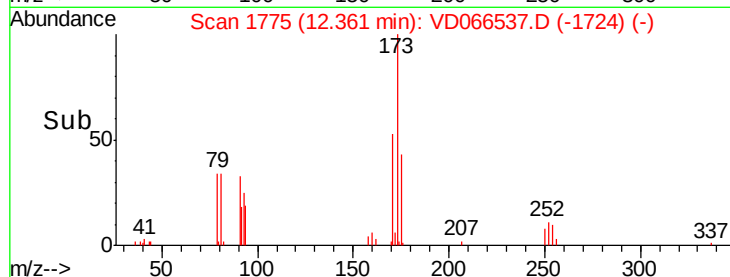
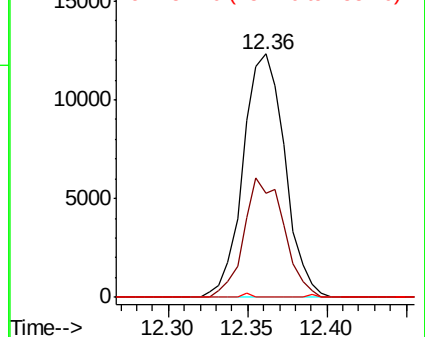
254 0.4 0.0 0.0#



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: VD066537.D

Acq: 03 Sep 2020 15:02

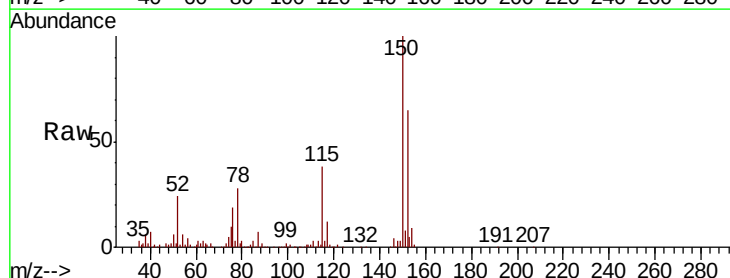
Tgt Ion:152 Resp: 246269

Ion Ratio Lower Upper

152 100

115 62.5 30.4 91.2

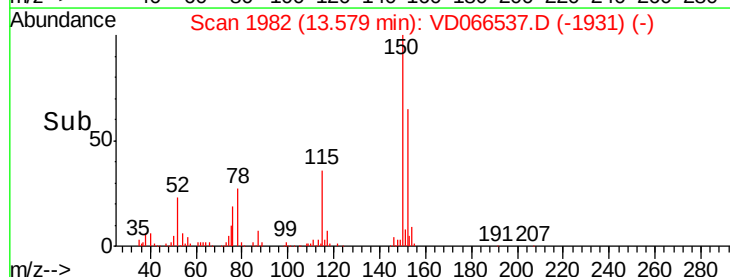
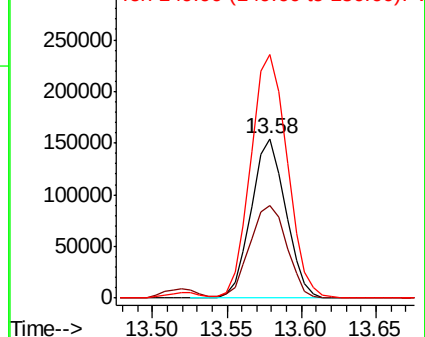
150 162.7 0.0 345.8

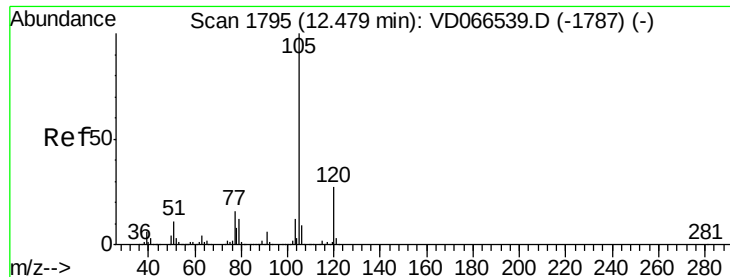


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.848 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

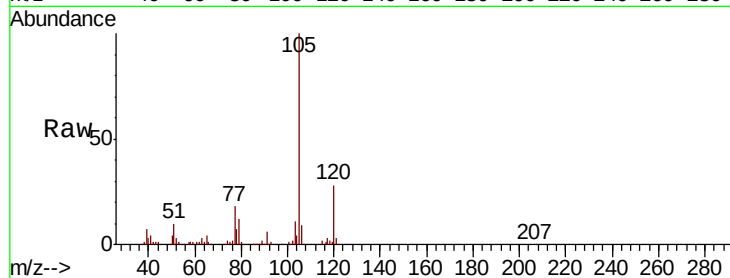
VSTDIC010

Tot Ion:105 Resp: 181655

Ion Ratio Lower Upper

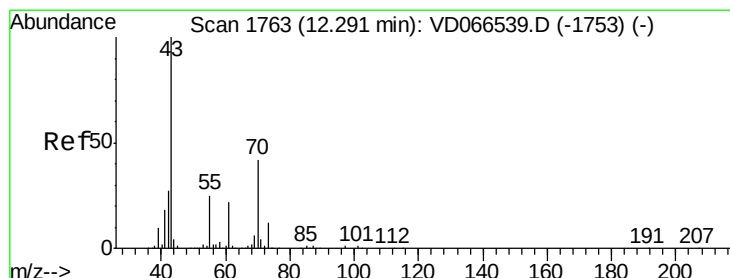
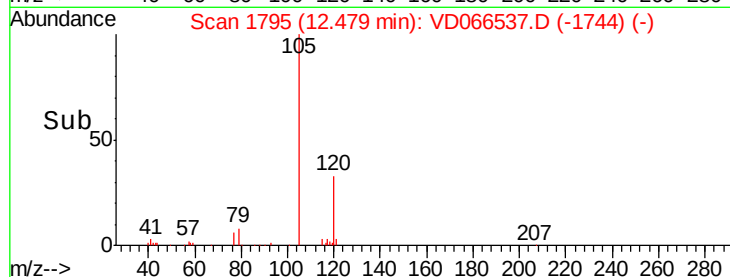
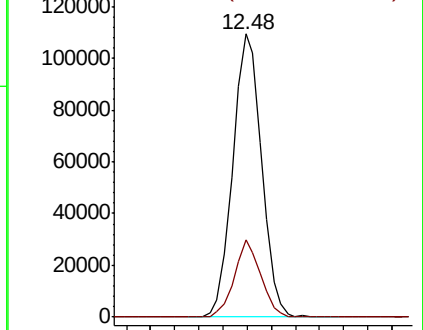
105 100

120 24.9 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.262 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Tgt Ion: 43 Resp: 42076

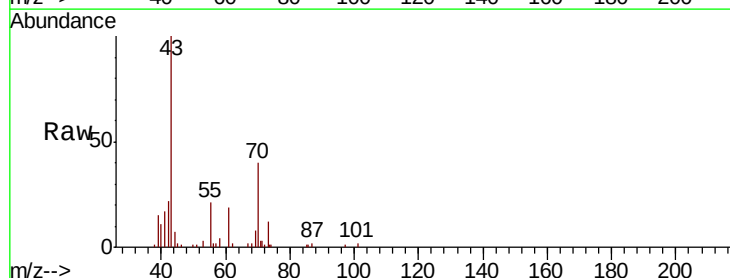
Ion Ratio Lower Upper

43 100

70 41.4 33.4 50.2

55 25.0 20.1 30.1

61 21.1 18.2 27.2

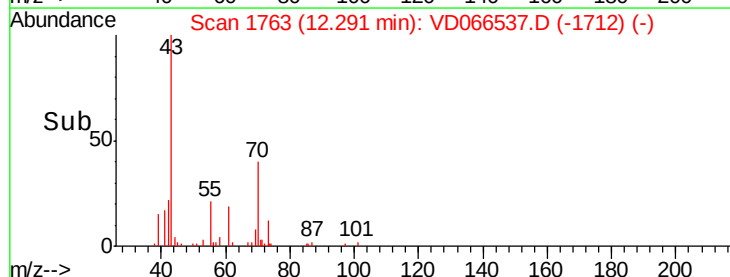
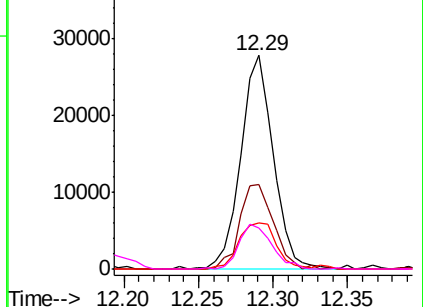


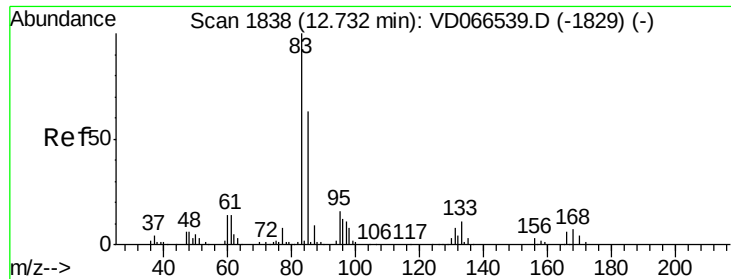
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 16.453 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

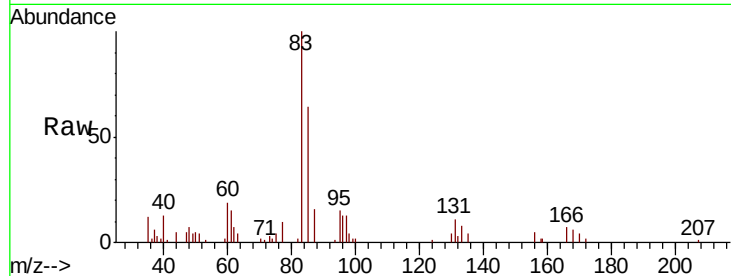
Tot Ion: 83 Resp: 35459

Ion Ratio Lower Upper

83 100

131 11.1 5.0 15.0

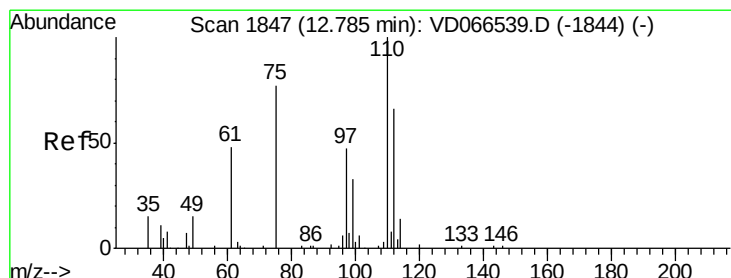
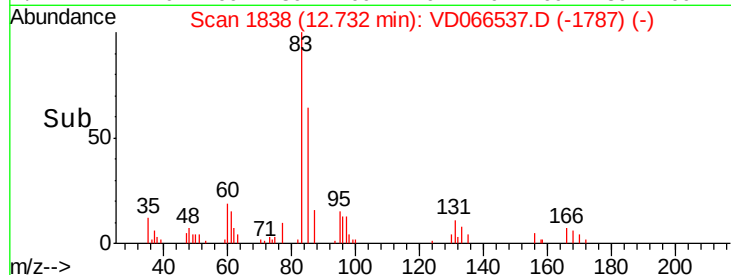
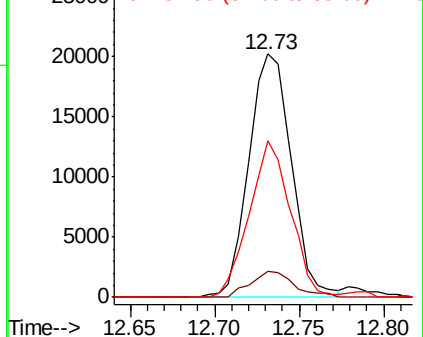
85 62.3 32.1 96.3



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: 27.115 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066537.D

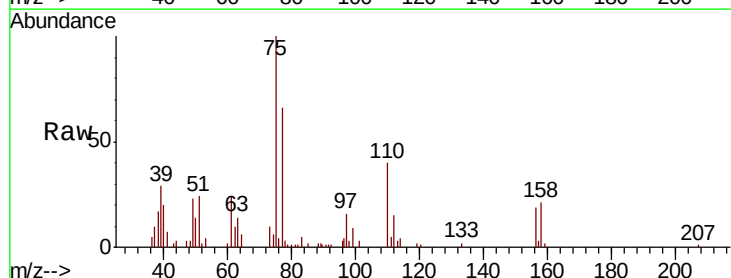
Acq: 03 Sep 2020 15:02

Tgt Ion: 75 Resp: 46324

Ion Ratio Lower Upper

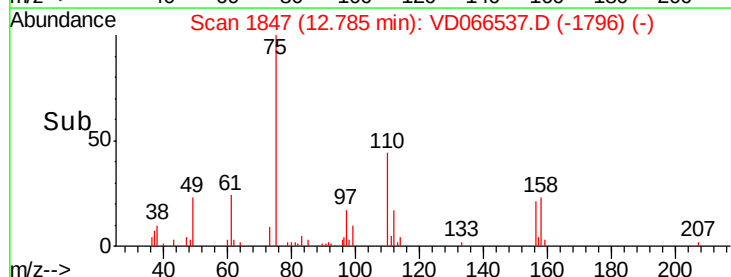
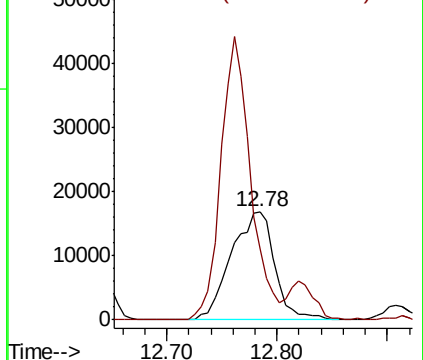
75 100

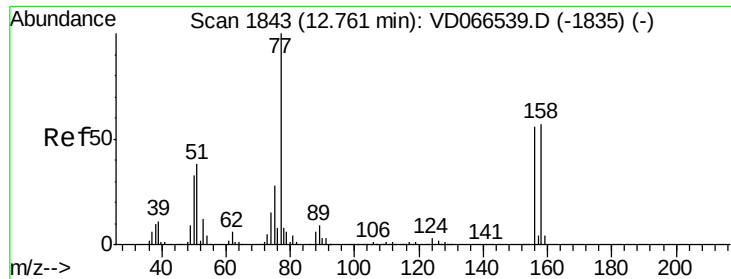
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 10.052 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

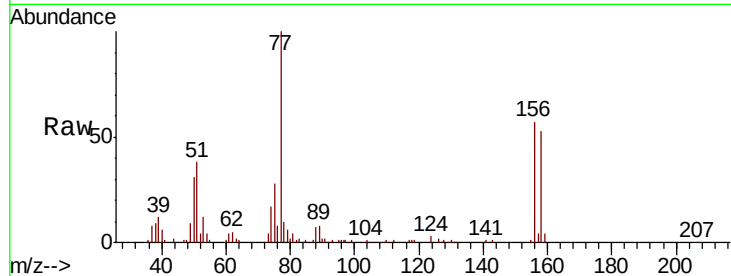
Tot Ion:156 Resp: 41670

Ion Ratio Lower Upper

156 100

77 198.8 98.0 294.1

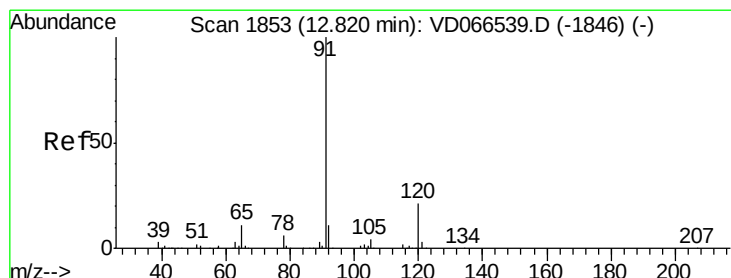
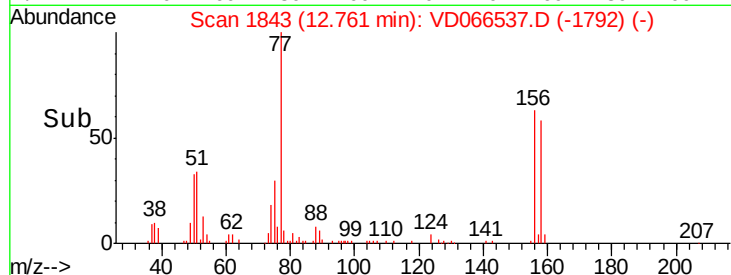
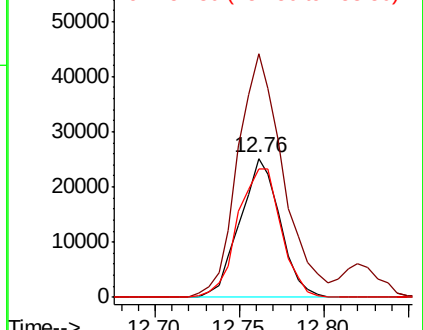
158 100.1 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 12.177 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066537.D

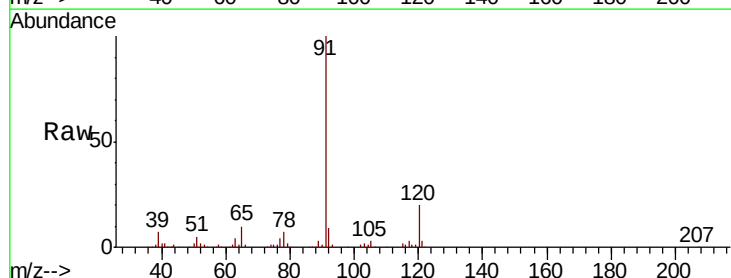
Acq: 03 Sep 2020 15:02

Tgt Ion: 91 Resp: 227533

Ion Ratio Lower Upper

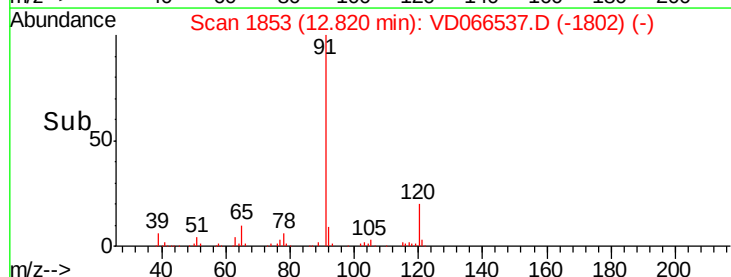
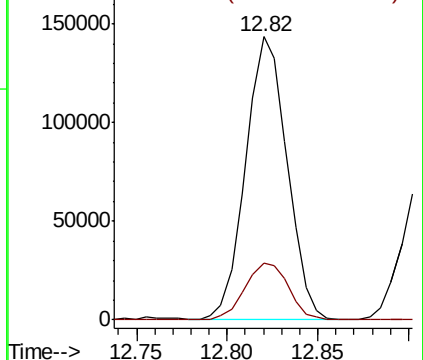
91 100

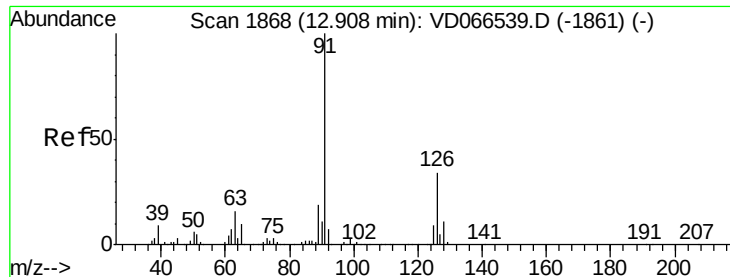
120 21.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

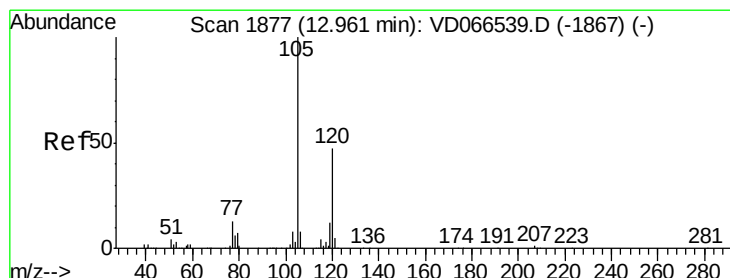
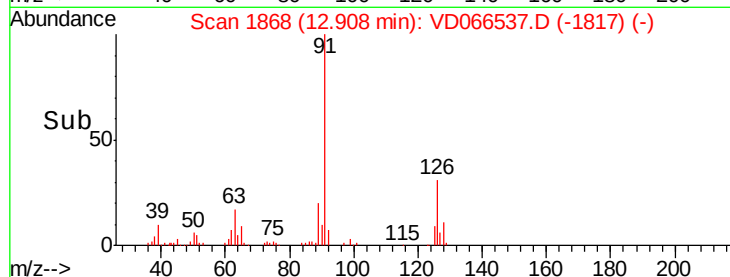
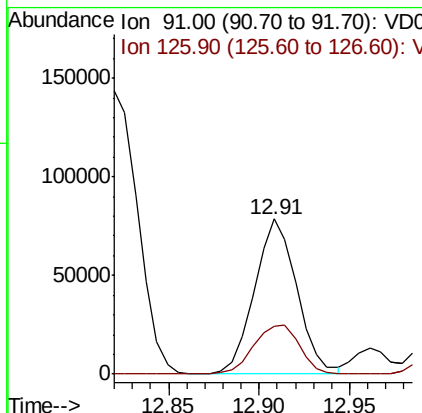
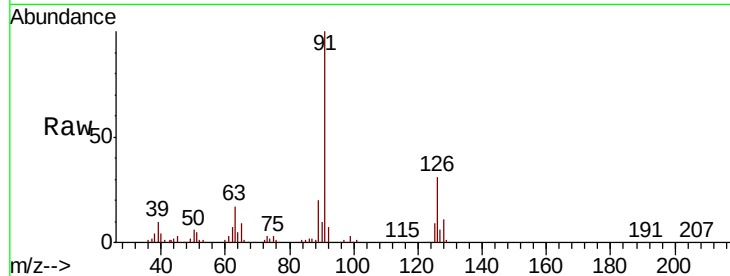




#79
 2-Chlorotoluene
 Concen: 11.954 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066537.D
 Acq: 03 Sep 2020 15:02

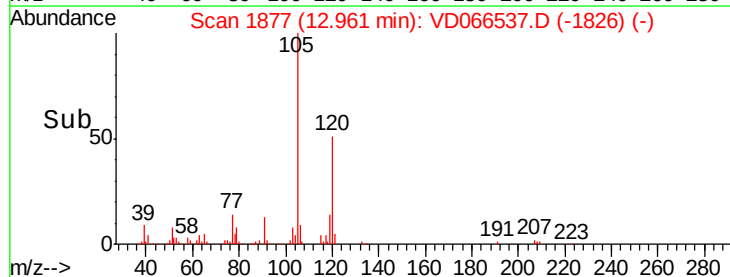
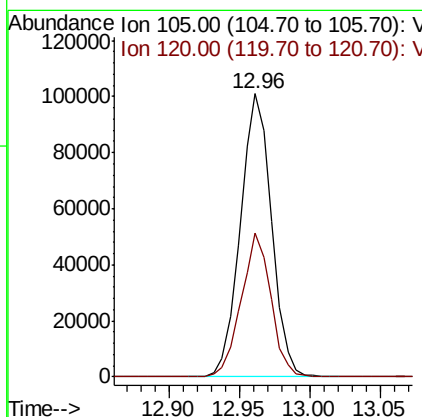
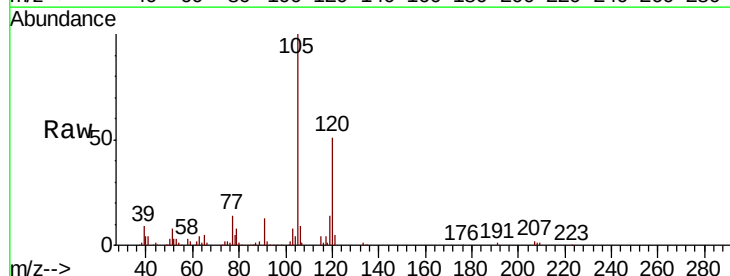
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

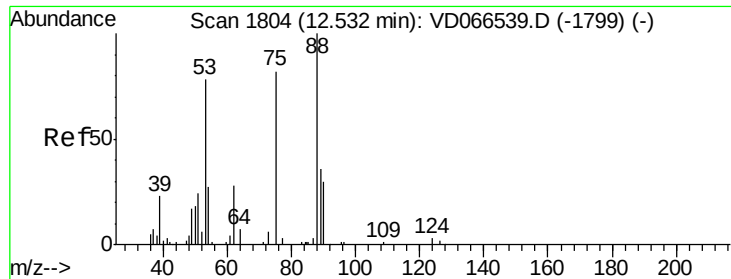
Tot Ion: 91 Resp: 127784
 Ion Ratio Lower Upper
 91 100
 126 34.7 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 10.723 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066537.D
 Acq: 03 Sep 2020 15:02

Tgt Ion: 105 Resp: 155734
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 14.845 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

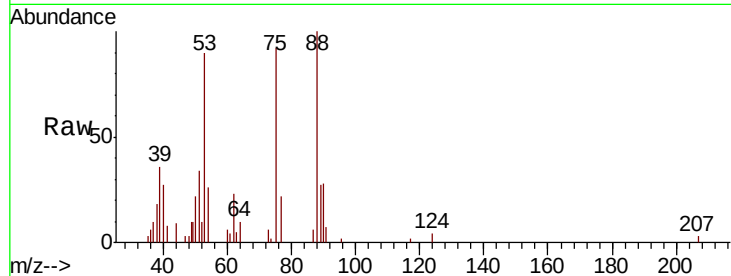
Tot Ion: 75 Resp: 10969

Ion Ratio Lower Upper

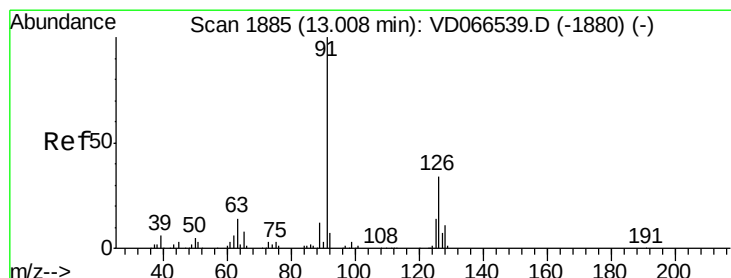
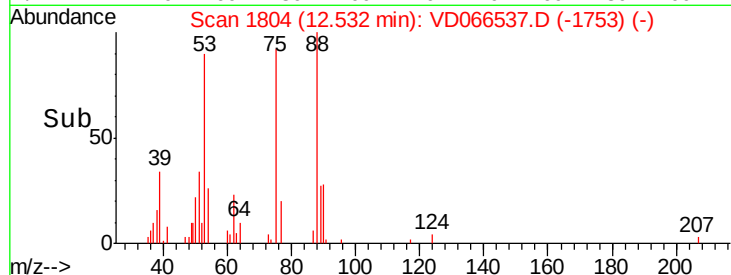
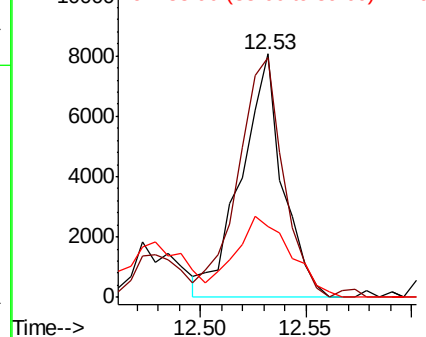
75 100

53 107.9 87.0 130.4

89 45.2 37.1 55.7



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: 11.902 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066537.D

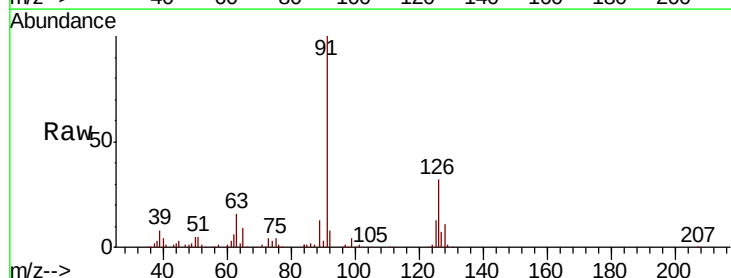
Acq: 03 Sep 2020 15:02

Tgt Ion: 91 Resp: 136611

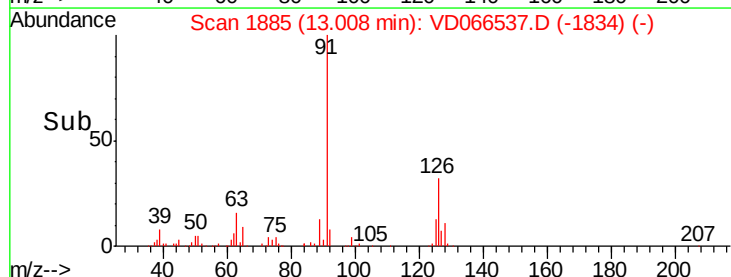
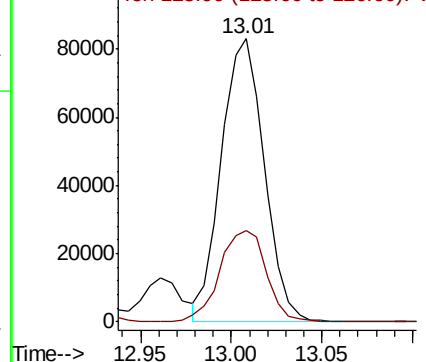
Ion Ratio Lower Upper

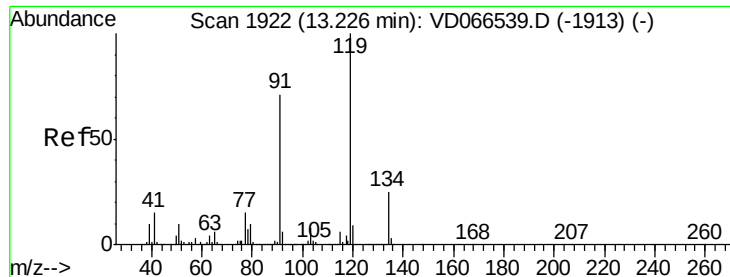
91 100

126 34.9 16.4 49.1



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





#83

tert-Butylbenzene

Concen: 10.238 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

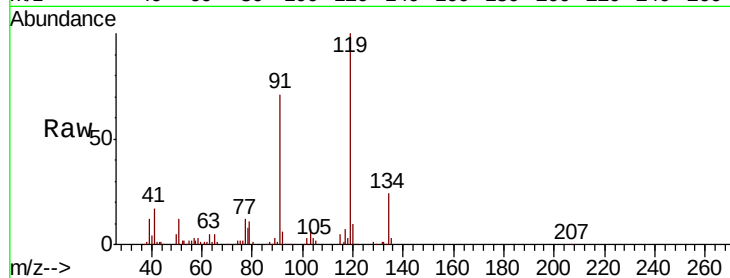
Tot Ion:119 Resp: 128481

Ion Ratio Lower Upper

119 100

91 66.7 35.2 105.6

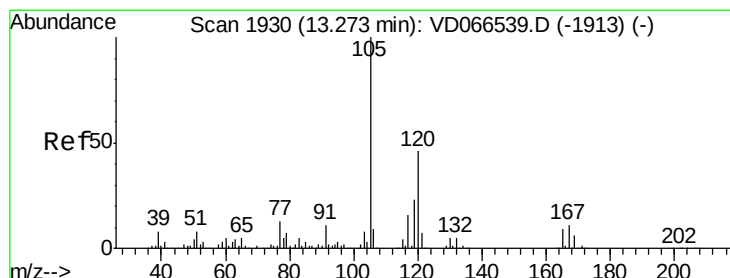
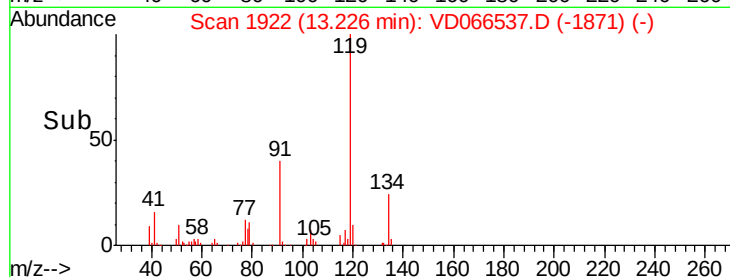
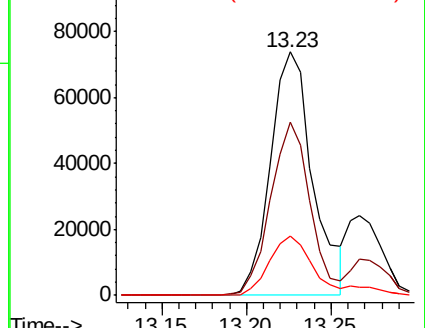
134 27.1 13.5 40.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 10.734 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066537.D

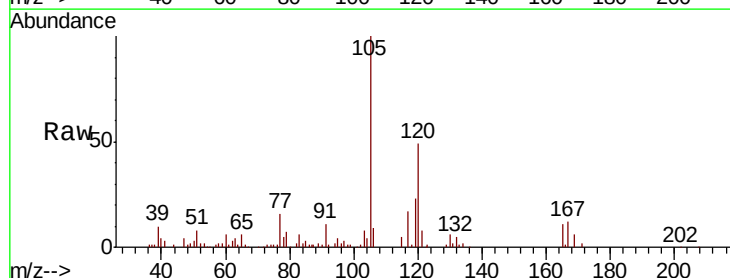
Acq: 03 Sep 2020 15:02

Tgt Ion:105 Resp: 155108

Ion Ratio Lower Upper

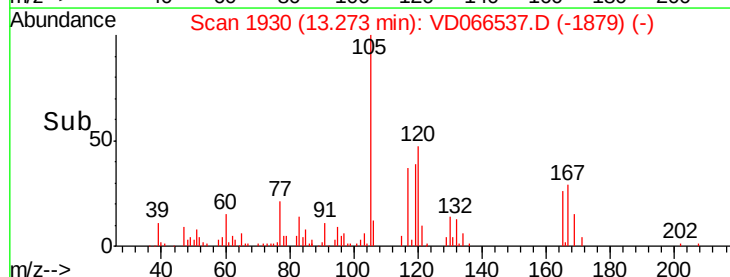
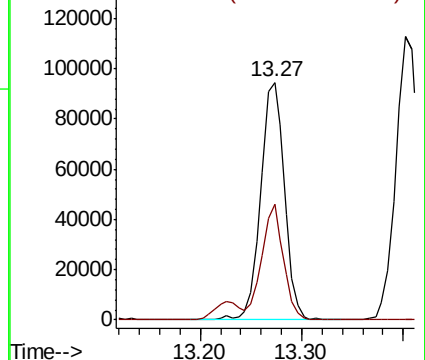
105 100

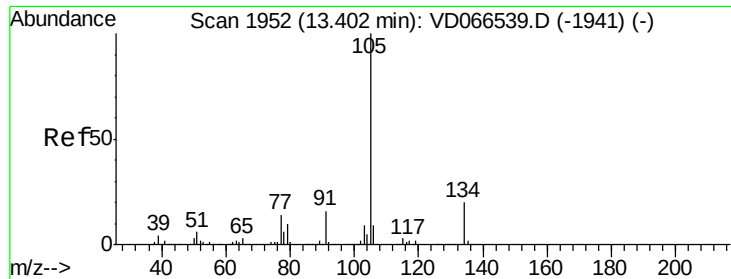
120 44.1 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 11.053 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

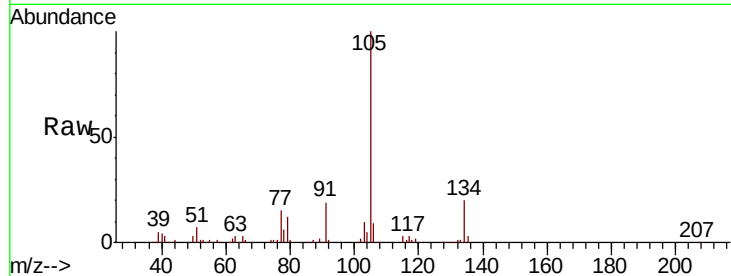
VSTDIC010

Tot Ion:105 Resp: 180479

Ion Ratio Lower Upper

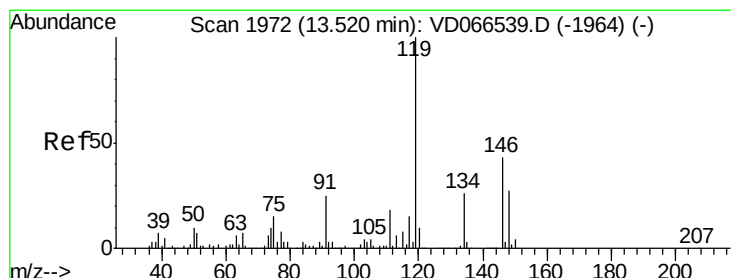
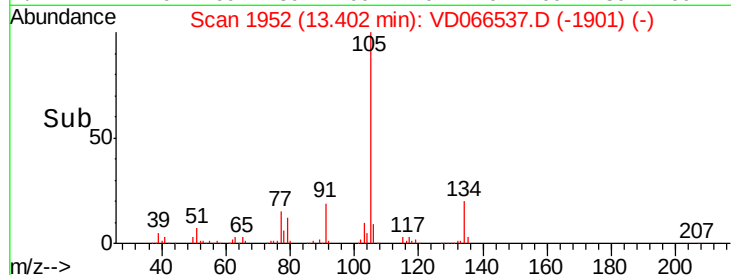
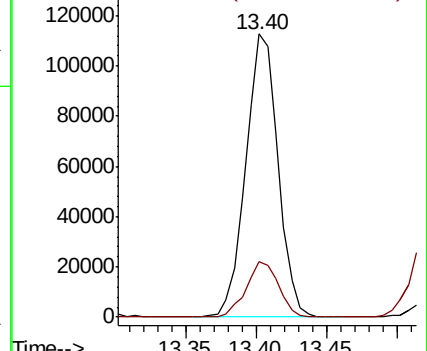
105 100

134 19.6 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 9.846 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

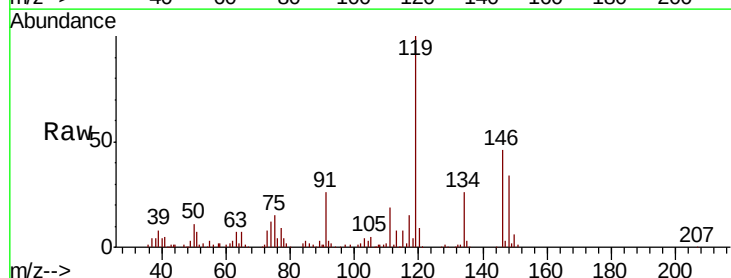
Tgt Ion:119 Resp: 157901

Ion Ratio Lower Upper

119 100

134 27.3 12.7 38.0

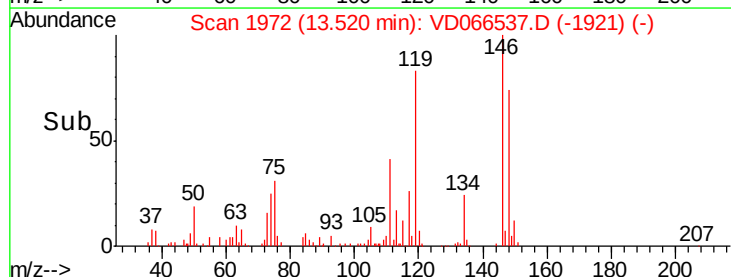
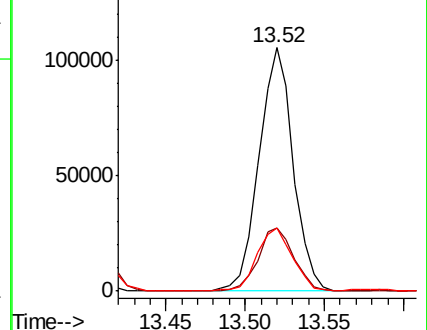
91 26.7 12.5 37.5

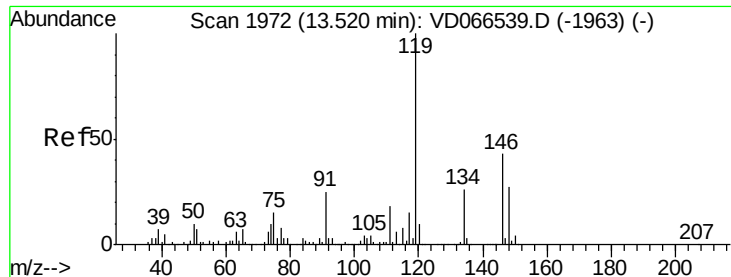


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 10.816 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

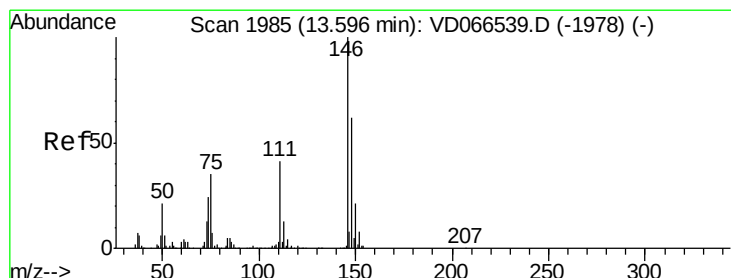
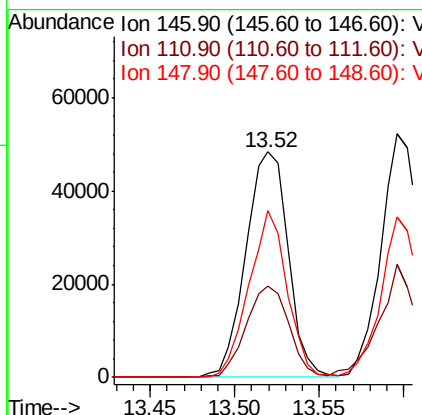
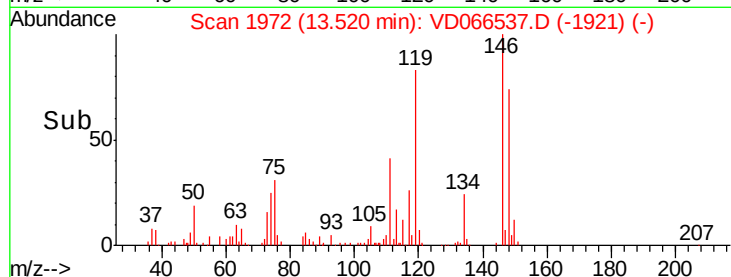
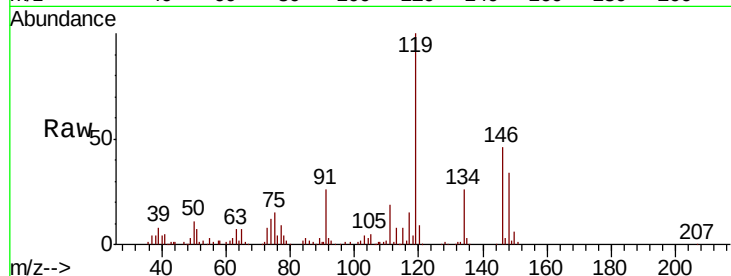
Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:146 Resp: 84032

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.9
148	67.2	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 10.909 ug/l

RT: 13.60 min Scan# 1985

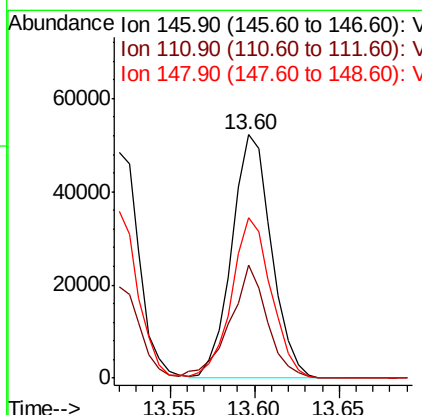
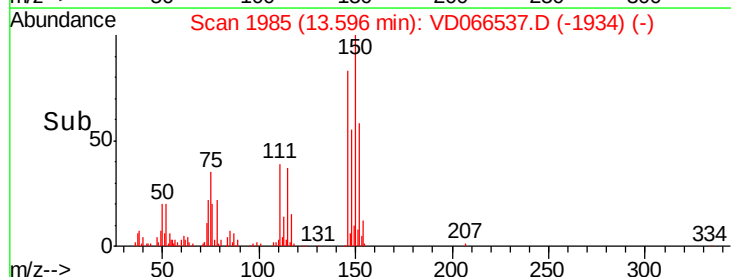
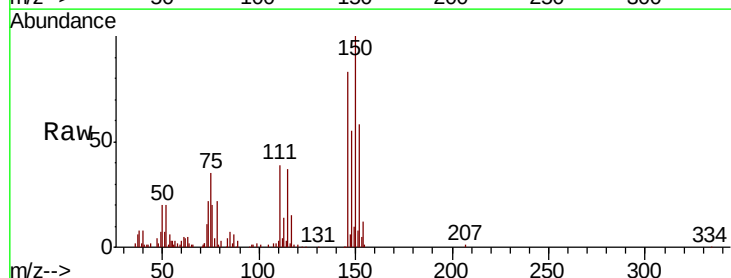
Delta R.T. -0.00 min

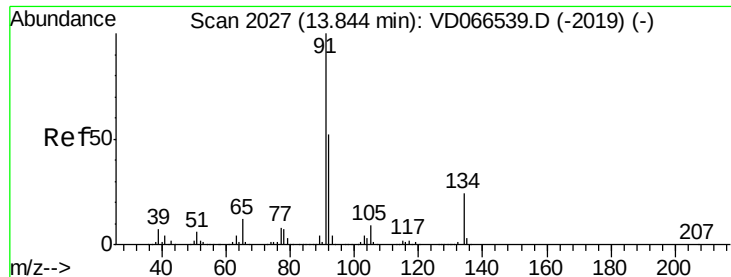
Lab File: VD066537.D

Acq: 03 Sep 2020 15:02

Tgt Ion:146 Resp: 85354

Ion	Ratio	Lower	Upper
146	100		
111	43.7	20.1	60.2
148	65.7	31.6	94.8

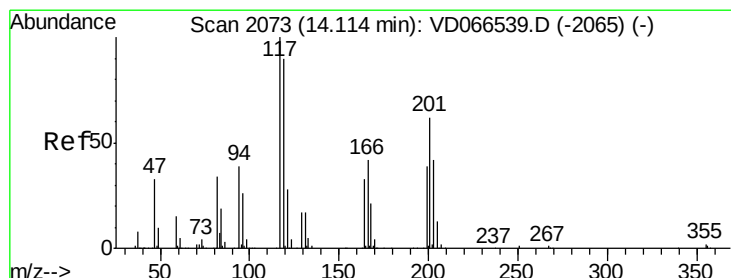
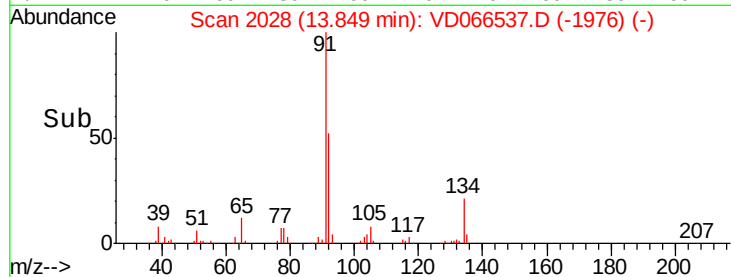
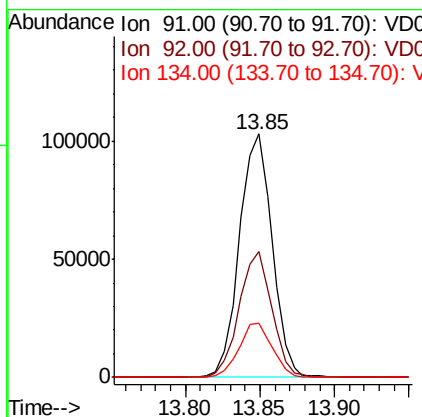
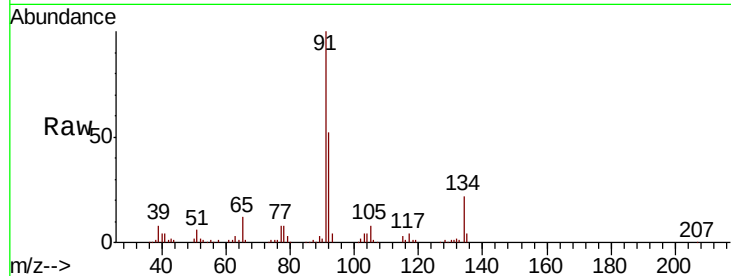




#89
n-Butylbenzene
Concen: 11.380 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

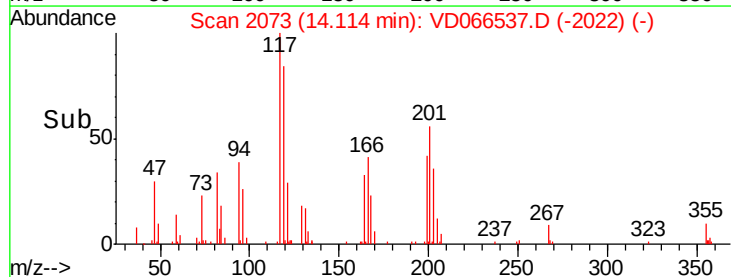
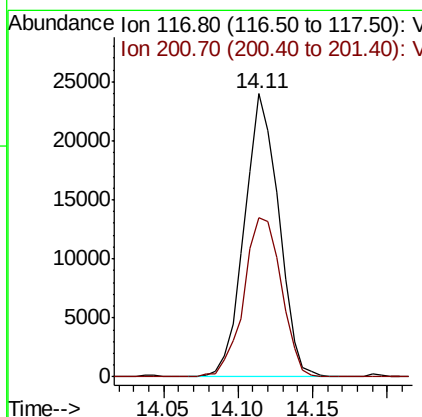
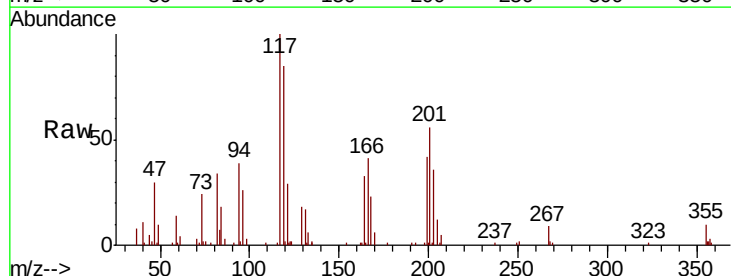
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

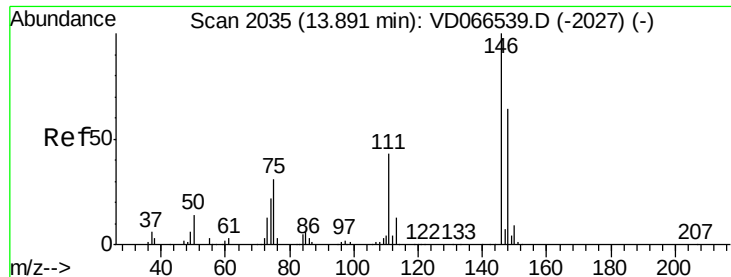
Tot Ion: 91 Resp: 156657
Ion Ratio Lower Upper
91 100
92 51.7 26.5 79.5
134 22.7 12.1 36.3



#90
Hexachloroethane
Concen: 12.850 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Tgt Ion: 117 Resp: 38072
Ion Ratio Lower Upper
117 100
201 61.3 31.9 95.5

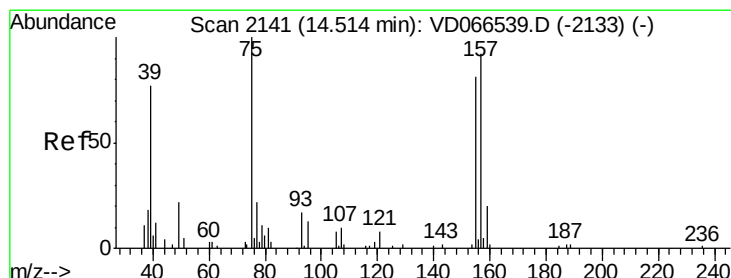
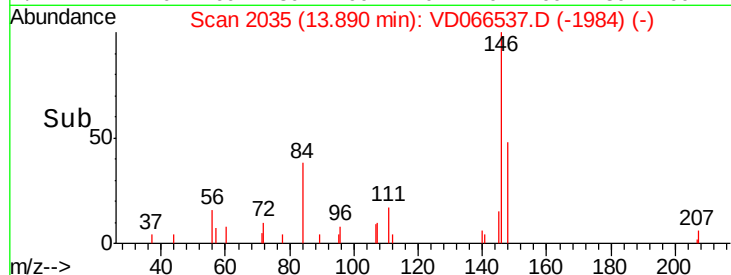
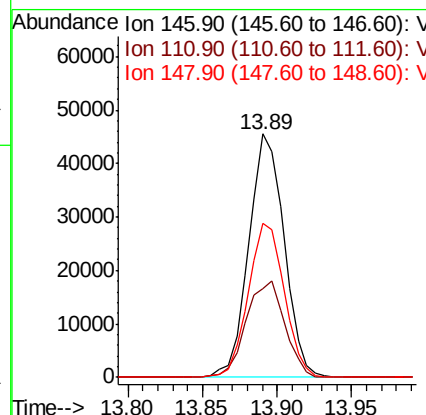
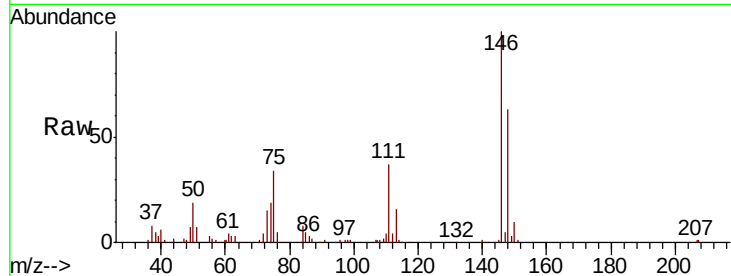




#91
 1,2-Dichlorobenzene
 Concen: 11.022 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066537.D
 Acq: 03 Sep 2020 15:02

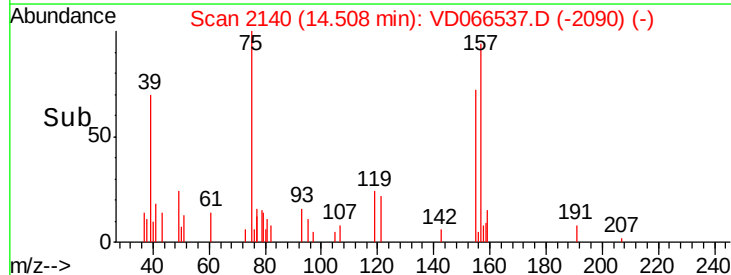
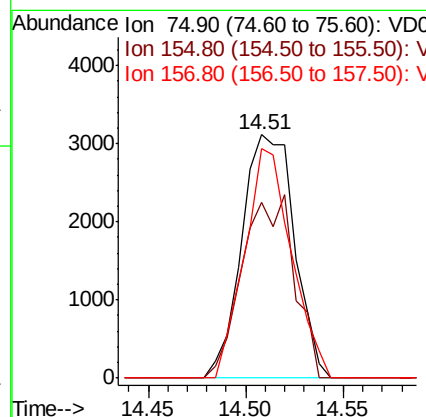
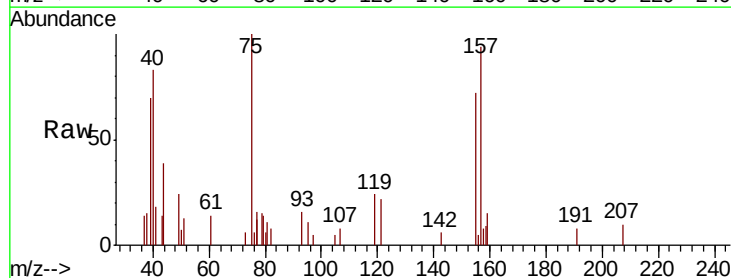
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

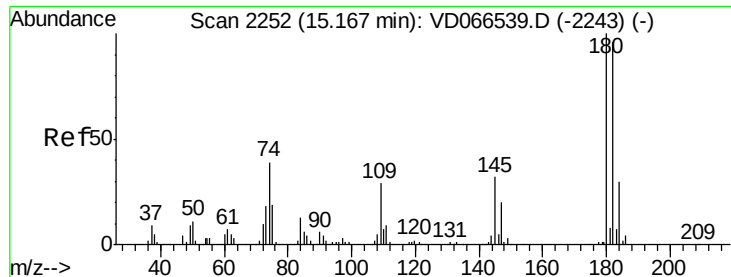
Tot Ion:146 Resp: 74309
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.1 63.4
 148 64.5 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 11.290 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066537.D
 Acq: 03 Sep 2020 15:02

Tgt Ion: 75 Resp: 5809
 Ion Ratio Lower Upper
 75 100
 155 74.0 39.3 117.8
 157 84.5 46.0 137.8

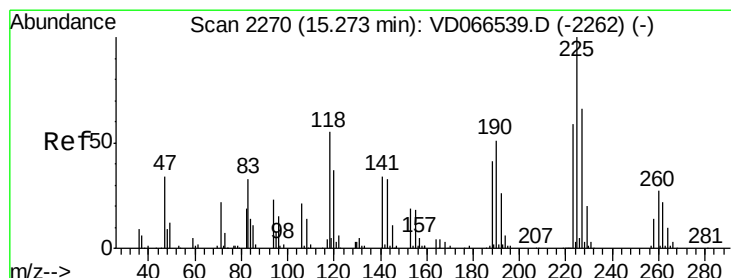
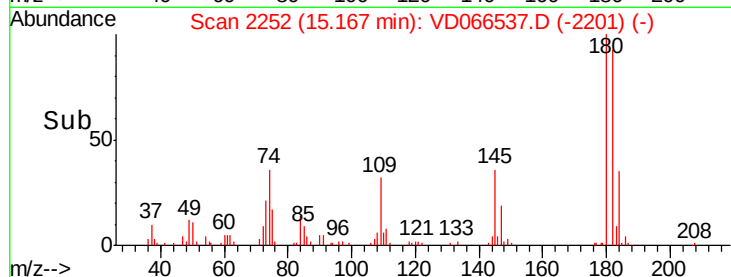
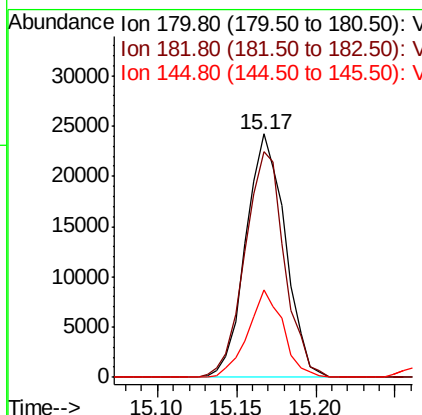
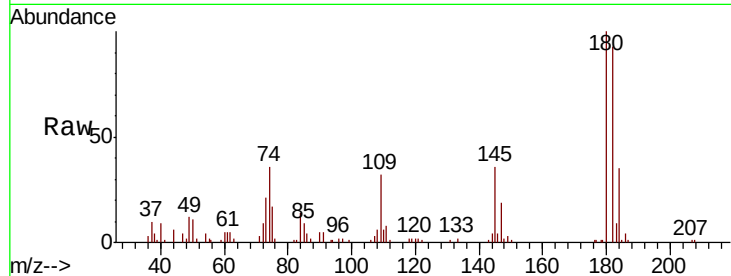




#93
 1,2,4-Trichlorobenzene
 Concen: 8.175 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066537.D
 Acq: 03 Sep 2020 15:02

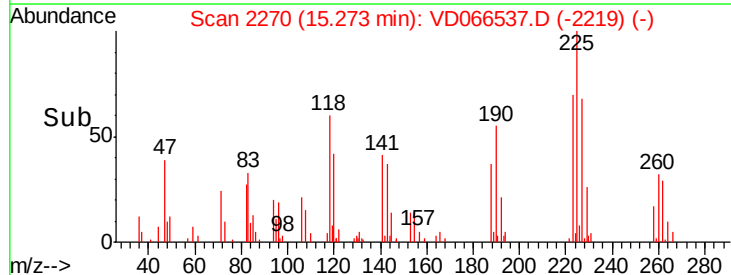
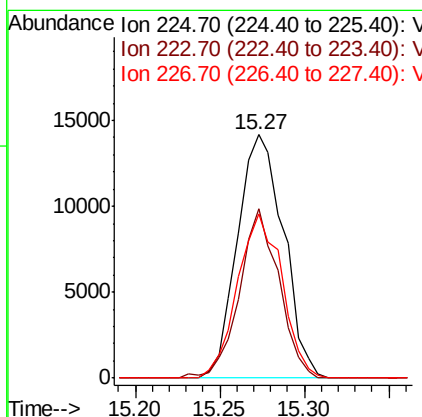
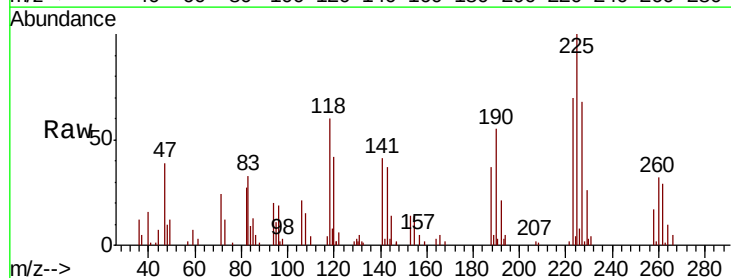
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

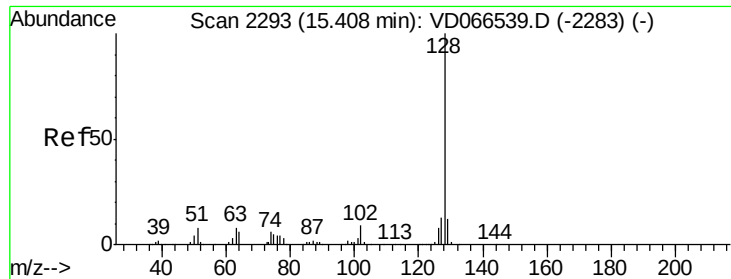
Tot Ion:180 Resp: 41792
 Ion Ratio Lower Upper
 180 100
 182 93.0 48.4 145.0
 145 32.4 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 8.149 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066537.D
 Acq: 03 Sep 2020 15:02

Tgt Ion:225 Resp: 26741
 Ion Ratio Lower Upper
 225 100
 223 59.6 30.5 91.5
 227 65.2 32.4 97.2

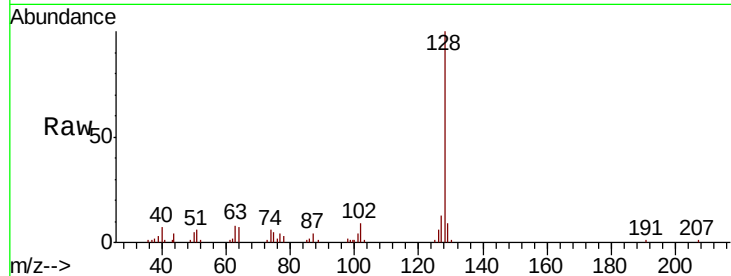




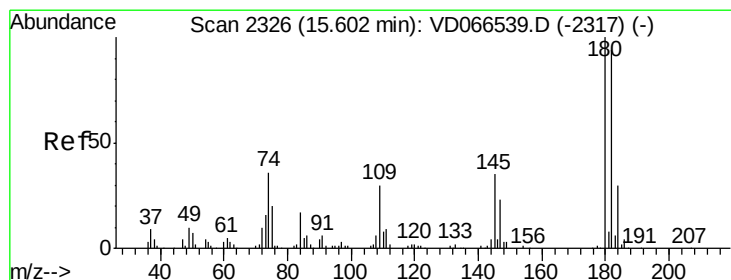
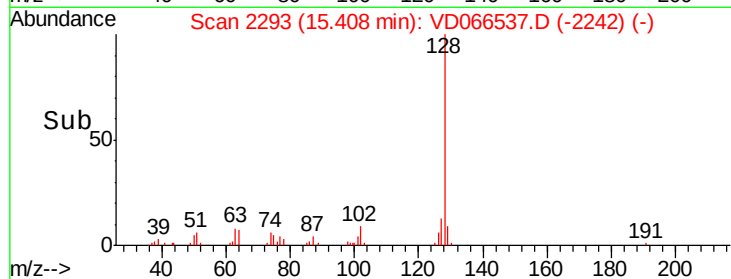
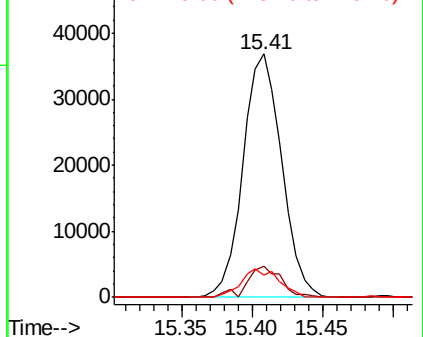
#95
Naphthalene
Concen: 8.659 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:128 Resp: 70615
Ion Ratio Lower Upper
128 100
127 11.3 10.7 16.1
129 11.5 9.1 13.7

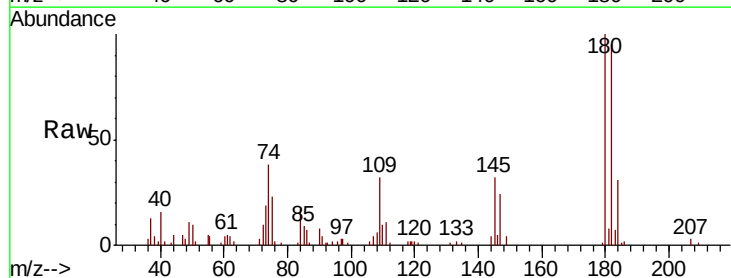


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 8.244 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066537.D
Acq: 03 Sep 2020 15:02

Tgt Ion:180 Resp: 36527
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.6
145 34.1 17.3 51.7



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

