

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100120\
 Data File : VD066986.D
 Acq On : 01 Oct 2020 11:53
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Oct 01 15:05:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:02:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	456944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	725302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	665442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	320289	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	46110	10.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.96%	
35) Dibromofluoromethane	7.91	113	49514	10.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.86%	
50) Toluene-d8	10.33	98	176009	10.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.34%	
62) 4-Bromofluorobenzene	12.63	95	57975	9.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	48078	11.588	ug/l	98
3) Chloromethane	2.21	50	40742	11.196	ug/l	94
4) Vinyl Chloride	2.35	62	41462	11.363	ug/l	95
5) Bromomethane	2.77	94	30736	11.557	ug/l	98
6) Chloroethane	2.93	64	23903	10.757	ug/l	93
7) Trichlorofluoromethane	3.28	101	88747	10.947	ug/l	94
8) Diethyl Ether	3.71	74	19612	9.756	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	50816	11.090	ug/l	94
10) Methyl Iodide	4.30	142	41629	9.350	ug/l	97
11) Tert butyl alcohol	5.20	59	22822	60.914	ug/l #	72
12) 1,1-Dichloroethene	4.07	96	46778	10.860	ug/l	90
13) Acrolein	3.92	56	14837	50.345	ug/l	94
14) Allyl chloride	4.73	41	59280	10.594	ug/l	99
15) Acrylonitrile	5.42	53	37385	50.528	ug/l	100
16) Acetone	4.16	43	34497	51.346	ug/l	90
17) Carbon Disulfide	4.41	76	142535	10.782	ug/l	97
18) Methyl Acetate	4.71	43	16790	9.943	ug/l	98
19) Methyl tert-butyl Ether	5.49	73	77021	9.795	ug/l #	89
20) Methylene Chloride	4.97	84	74916	12.232	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	49376	10.072	ug/l	93
22) Diisopropyl ether	6.37	45	107442	10.517	ug/l #	95
23) Vinyl Acetate	6.31	43	274769	47.464	ug/l	99
24) 1,1-Dichloroethane	6.27	63	83699	10.616	ug/l	98
25) 2-Butanone	7.21	43	48312	50.719	ug/l	92
26) 2,2-Dichloropropane	7.21	77	83201	10.999	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	56099	10.715	ug/l	97
28) Bromochloromethane	7.54	49	29893	9.818	ug/l	98
29) Tetrahydrofuran	7.56	42	28291	51.654	ug/l	98
30) Chloroform	7.71	83	91020	10.642	ug/l	99
31) Cyclohexane	7.98	56	71513	10.819	ug/l #	90
32) 1,1,1-Trichloroethane	7.90	97	84109	10.611	ug/l	99
36) 1,1-Dichloropropene	8.11	75	71434	10.566	ug/l	99
37) Ethyl Acetate	7.30	43	24139	10.307	ug/l	98
38) Carbon Tetrachloride	8.09	117	77108	10.541	ug/l	95

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	67728	9.476	ug/l	92
40) Benzene	8.35	78	203712	10.848	ug/l	97
41) Methacrylonitrile	7.52	41	11222	8.869	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	56489	10.766	ug/l	97
43) Isopropyl Acetate	8.45	43	43860	10.166	ug/l	99
44) Trichloroethene	9.11	130	57451	10.246	ug/l	98
45) 1,2-Dichloropropane	9.38	63	46067	10.441	ug/l	96
46) Dibromomethane	9.48	93	25877	10.204	ug/l	98
47) Bromodichloromethane	9.66	83	71181	10.798	ug/l	94
48) Methyl methacrylate	9.45	41	21324	9.647	ug/l	90
49) 1,4-Dioxane	9.47	88	5115	193.264	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	108245	50.368	ug/l	97
52) Toluene	10.40	92	126921	10.493	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	58920	10.001	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	73802	10.259	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	36665	10.400	ug/l	91
56) Ethyl methacrylate	10.66	69	33899	9.313	ug/l	96
57) 1,3-Dichloropropane	10.94	76	59857	10.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	95590	47.183	ug/l	100
59) 2-Hexanone	10.98	43	71231	49.659	ug/l	97
60) Dibromochloromethane	11.14	129	49665	10.569	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35750	10.555	ug/l	99
64) Tetrachloroethene	10.88	164	51050	10.552	ug/l	84
65) Chlorobenzene	11.67	112	136930	10.346	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.74	131	53026	10.533	ug/l	97
67) Ethyl Benzene	11.74	91	227700	10.041	ug/l	99
68) m/p-Xylenes	11.86	106	182557	20.657	ug/l	99
69) o-Xylene	12.18	106	78933	9.988	ug/l	95
70) Styrene	12.20	104	135118	9.957	ug/l	99
71) Bromoform	12.36	173	26480	10.133	ug/l #	100
73) Isopropylbenzene	12.48	105	213969	9.839	ug/l	98
74) N-amyl acetate	12.29	43	37516	9.596	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	39193	10.696	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	48664	17.825	ug/l #	100
77) Bromobenzene	12.76	156	53352	10.160	ug/l	99
78) n-propylbenzene	12.82	91	258531	10.059	ug/l	98
79) 2-Chlorotoluene	12.91	91	149030	10.134	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	186280	10.138	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	11219	10.026	ug/l	98
82) 4-Chlorotoluene	13.01	91	163981	10.481	ug/l	99
83) tert-Butylbenzene	13.23	119	153218	9.902	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	187675	10.235	ug/l	97
85) sec-Butylbenzene	13.40	105	214359	9.837	ug/l	100
86) p-Isopropyltoluene	13.52	119	203867	10.092	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	108774	10.634	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	108166	10.576	ug/l	98
89) n-Butylbenzene	13.85	91	184626	10.000	ug/l	97
90) Hexachloroethane	14.11	117	35727	10.096	ug/l	93
91) 1,2-Dichlorobenzene	13.89	146	91768	10.273	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6012	10.178	ug/l	96

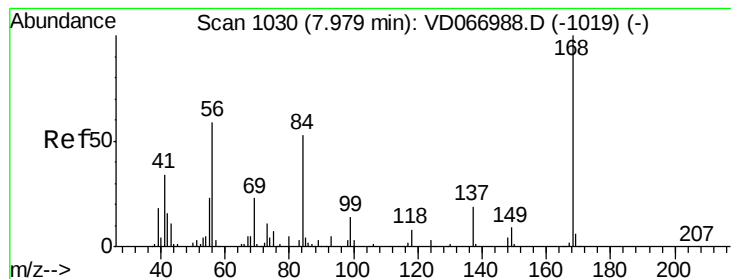
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD100120\
Data File : VD066986.D
Acq On : 01 Oct 2020 11:53
Operator : VA/SY
Sample : VSTDICC010
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VSTDICC010

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:02:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	54322	9.401	ug/l	98
94) Hexachlorobutadiene	15.27	225	36506	10.287	ug/l	98
95) Naphthalene	15.41	128	79220	8.220	ug/l	97
96) 1,2,3-Trichlorobenzene	15.60	180	47442	9.458	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

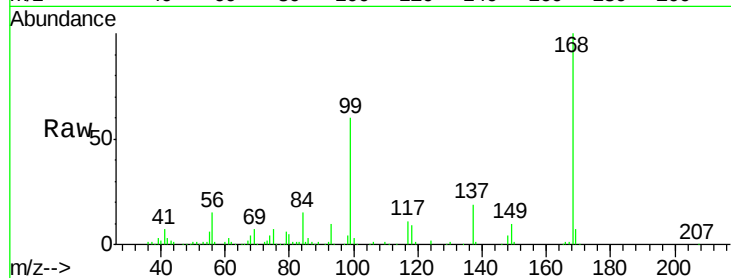
VSTDIC010

Tgt Ion: 168 Resp: 456944

Ion Ratio Lower Upper

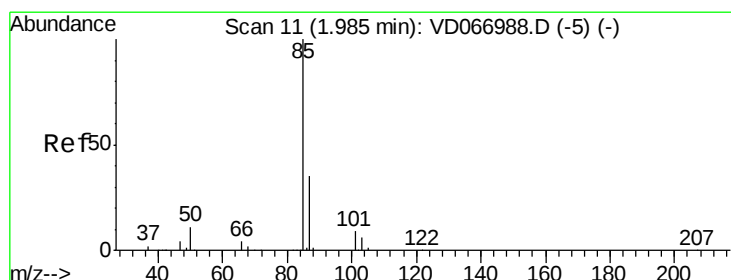
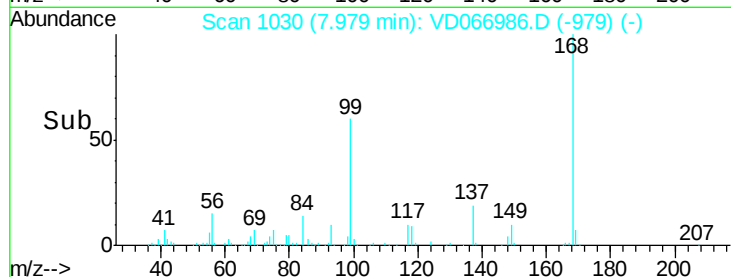
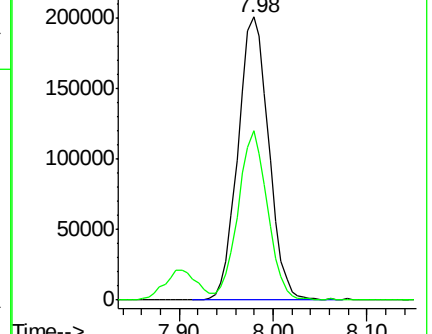
168 100

99 59.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 11.588 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066986.D

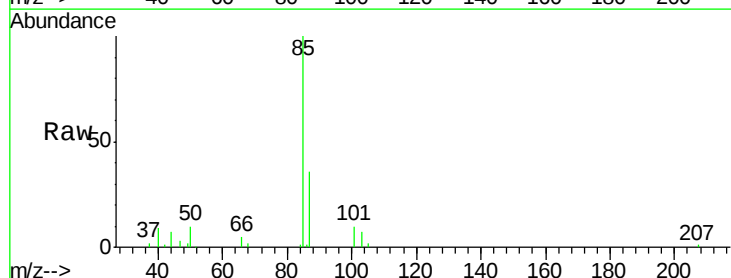
Acq: 01 Oct 2020 11:53

Tgt Ion: 85 Resp: 48078

Ion Ratio Lower Upper

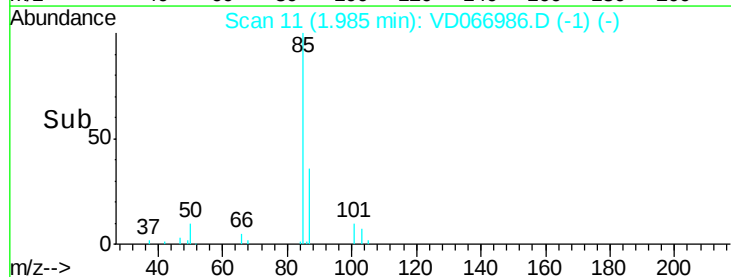
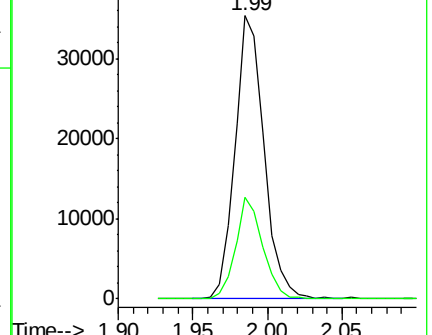
85 100

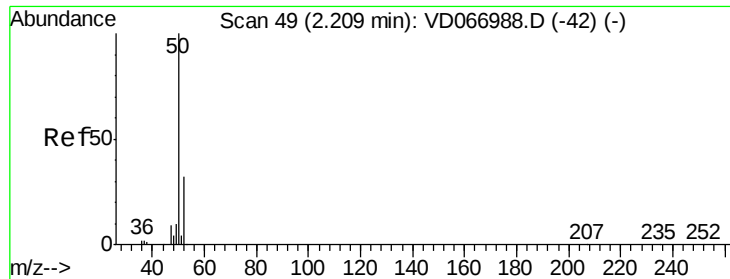
87 35.8 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 11.196 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

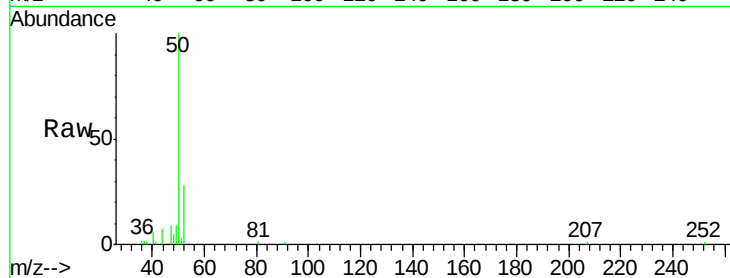
VSTDIC010

Tgt Ion: 50 Resp: 40742

Ion Ratio Lower Upper

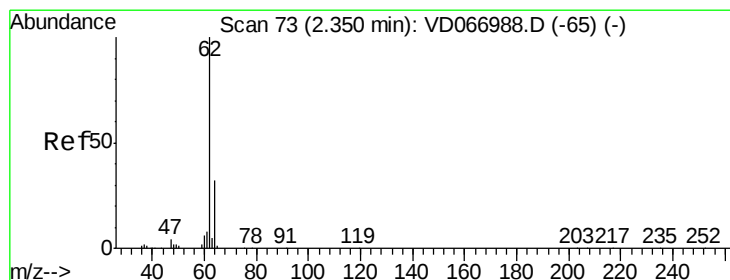
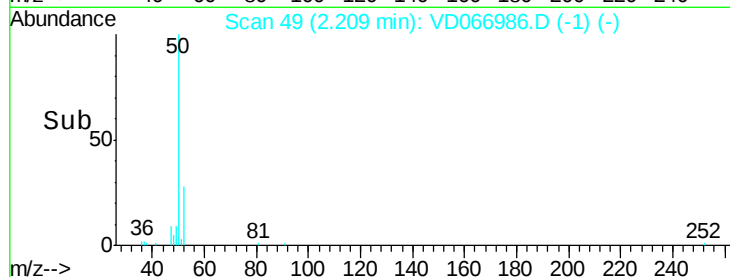
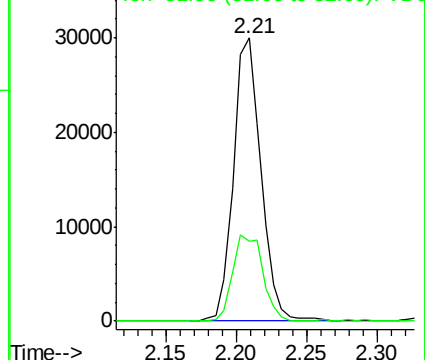
50 100

52 28.0 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 11.363 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066986.D

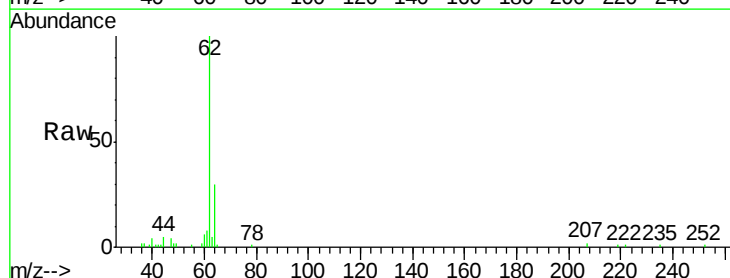
Acq: 01 Oct 2020 11:53

Tgt Ion: 62 Resp: 41462

Ion Ratio Lower Upper

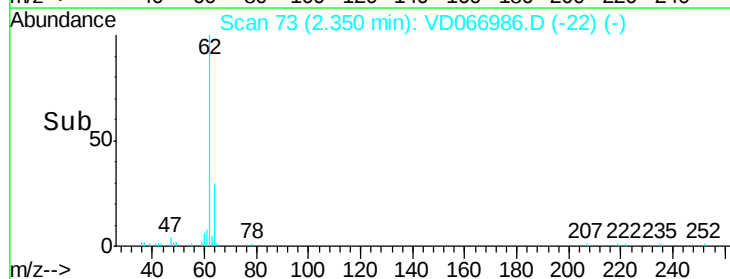
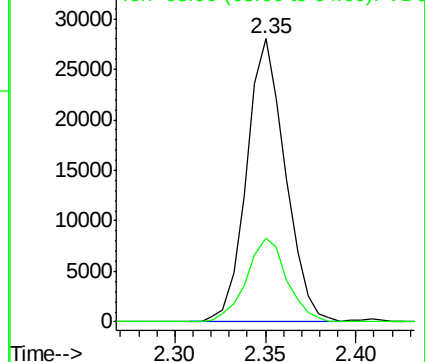
62 100

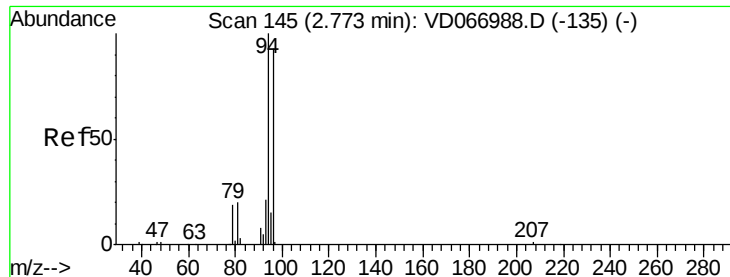
64 29.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 11.557 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

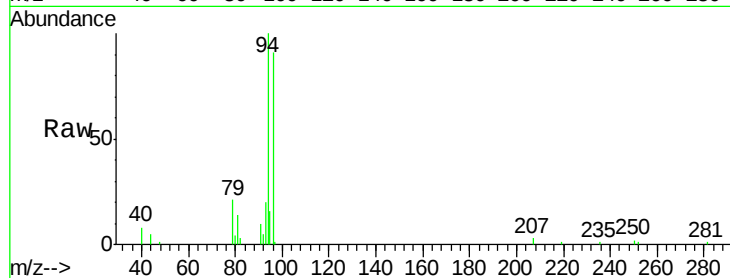
VSTDIC010

Tgt Ion: 94 Resp: 30736

Ion Ratio Lower Upper

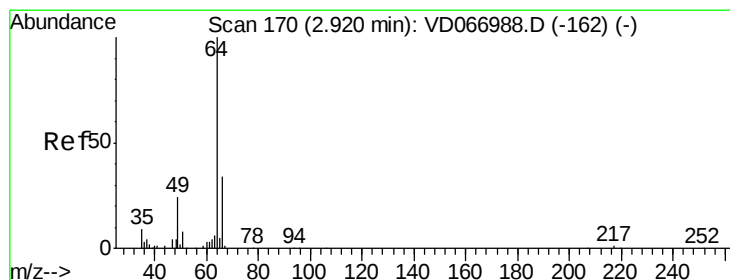
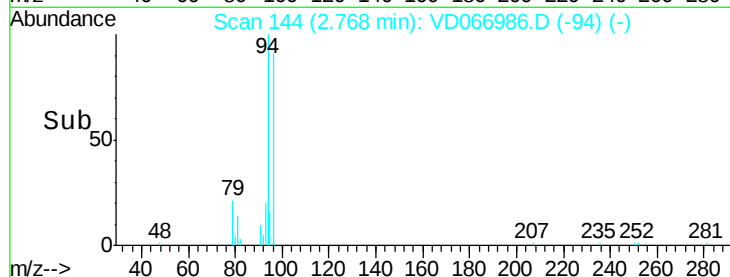
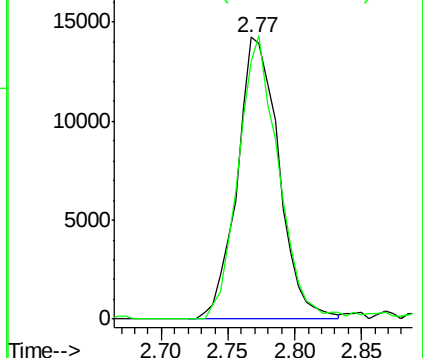
94 100

96 91.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 10.757 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066986.D

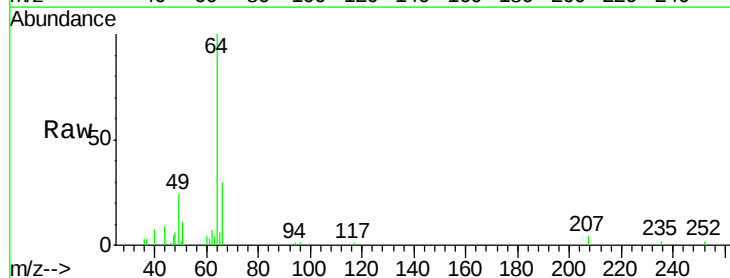
Acq: 01 Oct 2020 11:53

Tgt Ion: 64 Resp: 23903

Ion Ratio Lower Upper

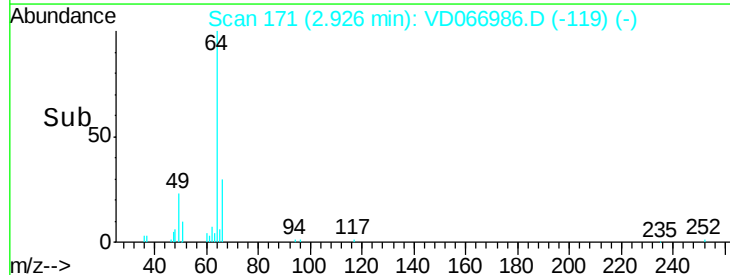
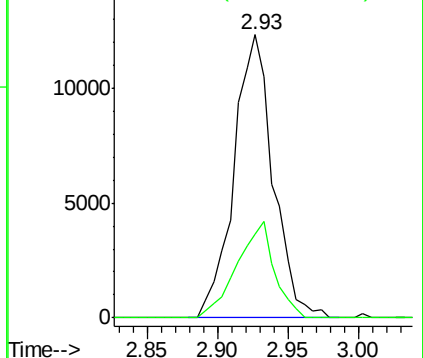
64 100

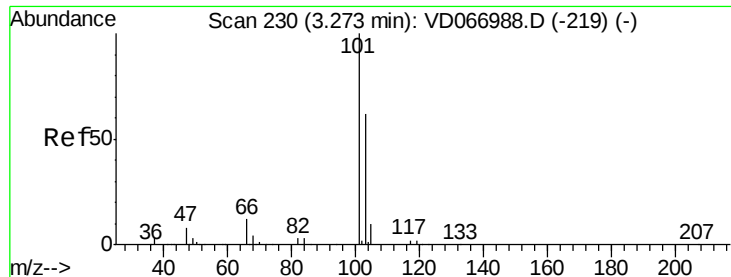
66 29.7 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



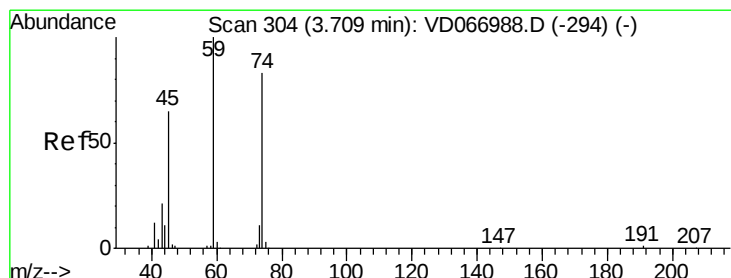
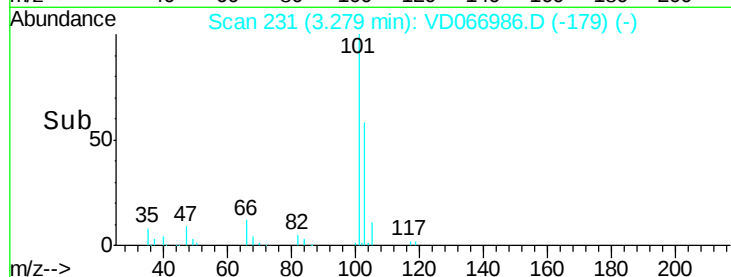
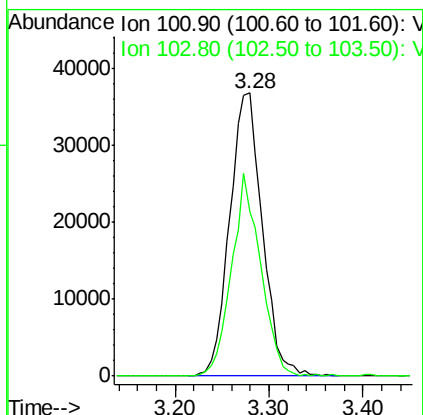
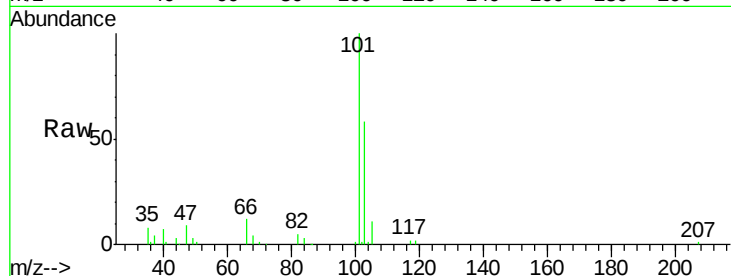


#7

Trichlorofluoromethane
 Concen: 10.947 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

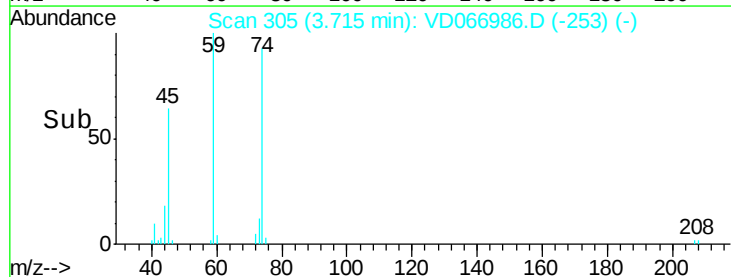
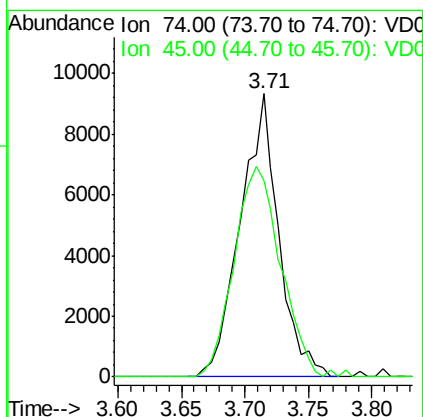
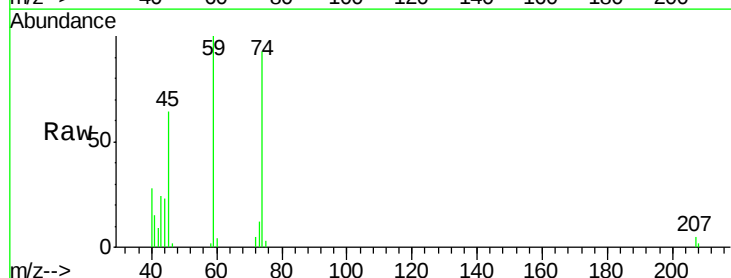
Tgt Ion: 101 Resp: 88747
 Ion Ratio Lower Upper
 101 100
 103 58.0 49.8 74.8

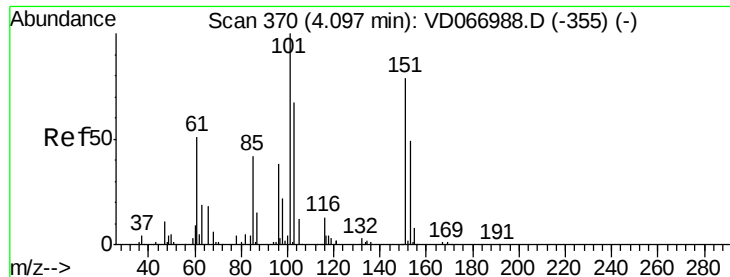


#8

Diethyl Ether
 Concen: 9.756 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

Tgt Ion: 74 Resp: 19612
 Ion Ratio Lower Upper
 74 100
 45 89.8 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.090 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

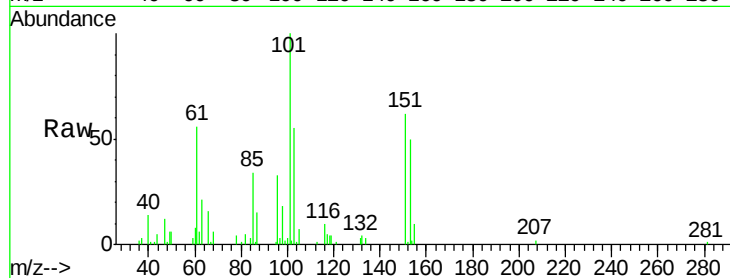
Tgt Ion:101 Resp: 50816

Ion Ratio Lower Upper

101 100

85 40.9 33.8 50.8

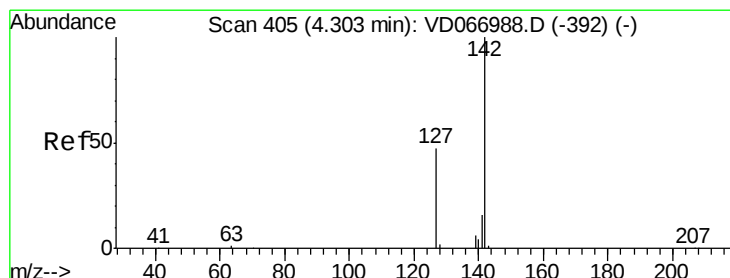
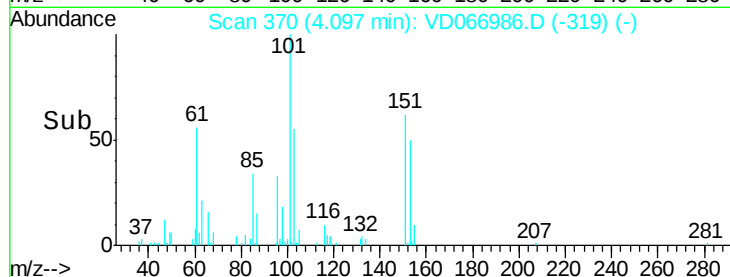
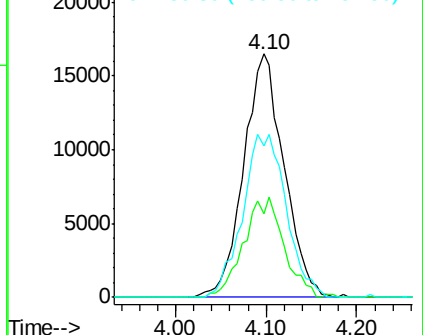
151 72.5 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 9.350 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

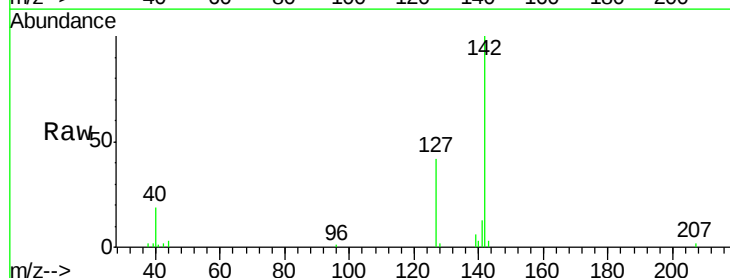
Tgt Ion:142 Resp: 41629

Ion Ratio Lower Upper

142 100

127 47.4 36.3 54.5

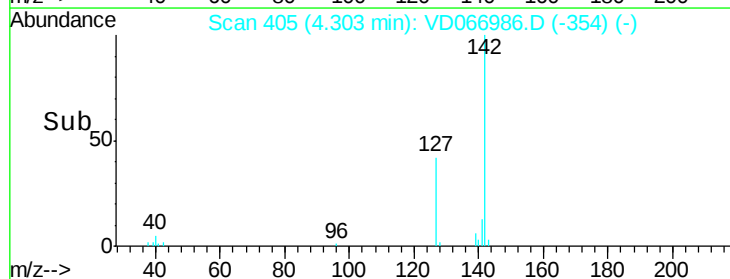
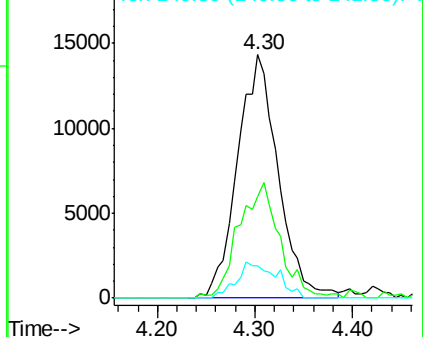
141 14.5 12.0 18.0

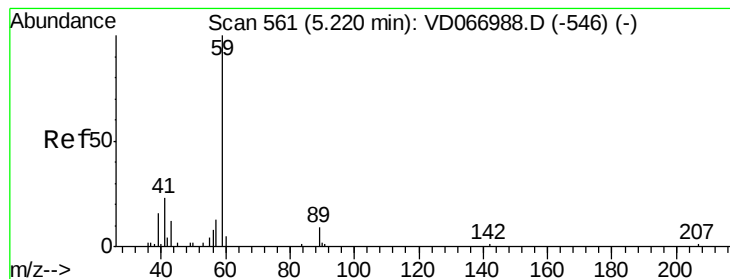


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 60.914 ug/l

RT: 5.20 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

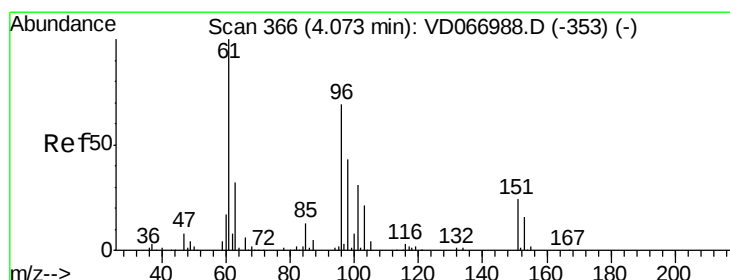
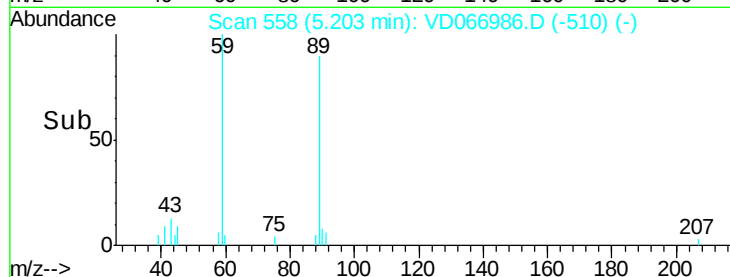
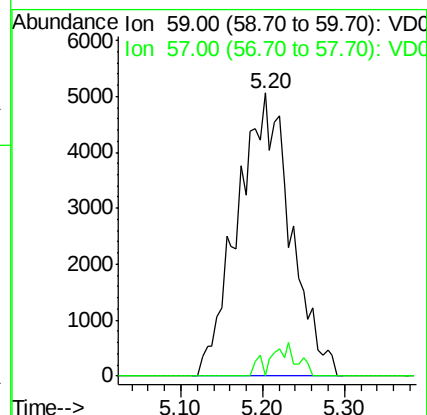
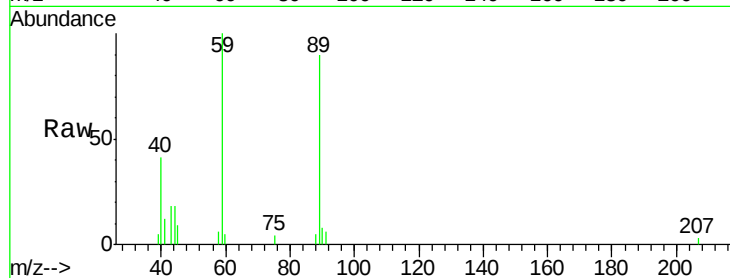
VSTDIC010

Tgt Ion: 59 Resp: 22822

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 10.860 ug/l

RT: 4.07 min Scan# 366

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

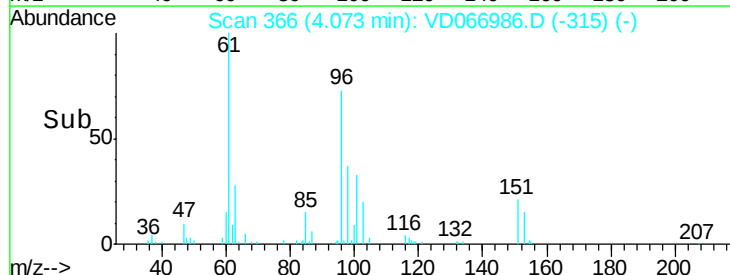
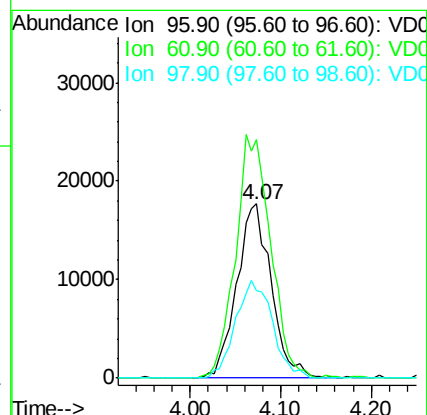
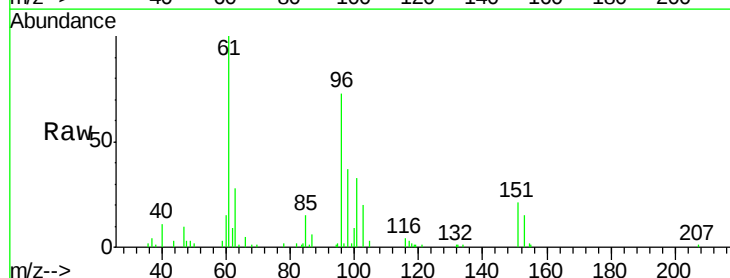
Tgt Ion: 96 Resp: 46778

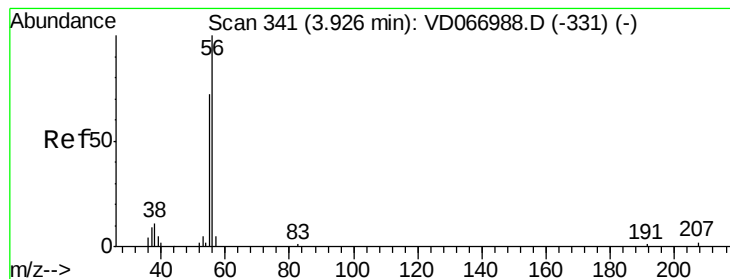
Ion Ratio Lower Upper

96 100

61 136.5 116.4 174.6

98 50.0 49.9 74.9





#13

Acrolein

Concen: 50.345 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

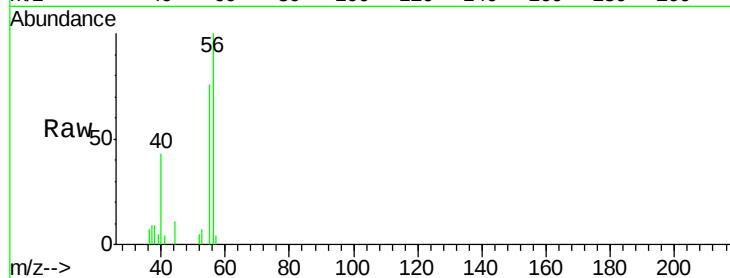
VSTDIC010

Tgt Ion: 56 Resp: 14837

Ion Ratio Lower Upper

56 100

55 65.8 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.92

6000

5000

4000

3000

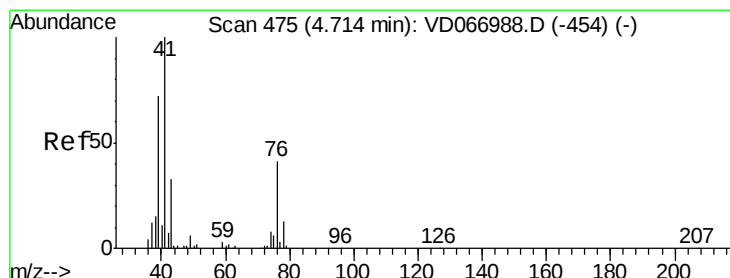
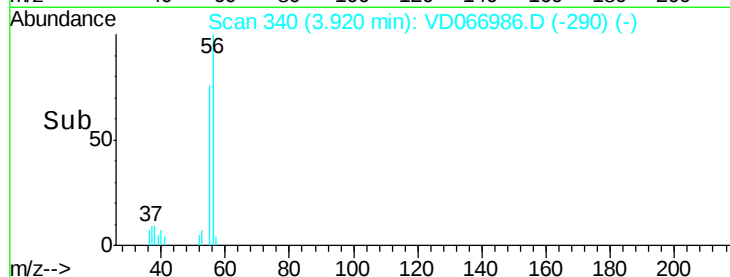
2000

1000

0

3.90 4.00

Time-->



#14

Allyl chloride

Concen: 10.594 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

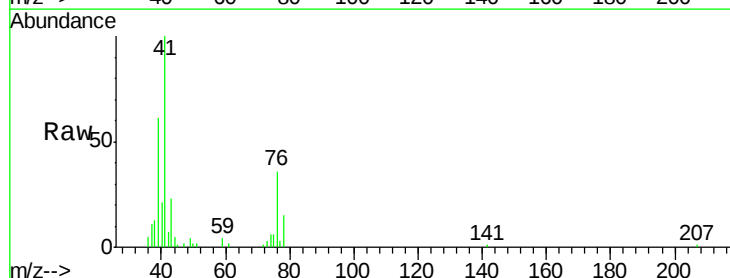
Tgt Ion: 41 Resp: 59280

Ion Ratio Lower Upper

41 100

39 69.4 56.2 84.2

76 43.2 34.2 51.2



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.73

25000

20000

15000

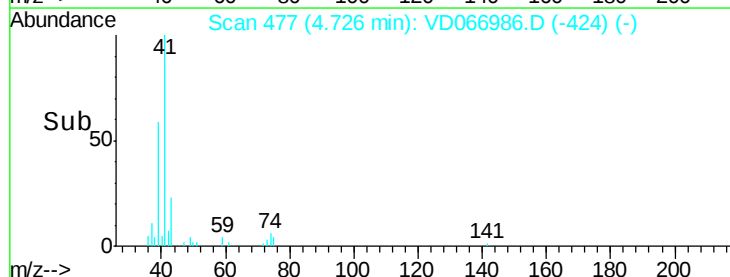
10000

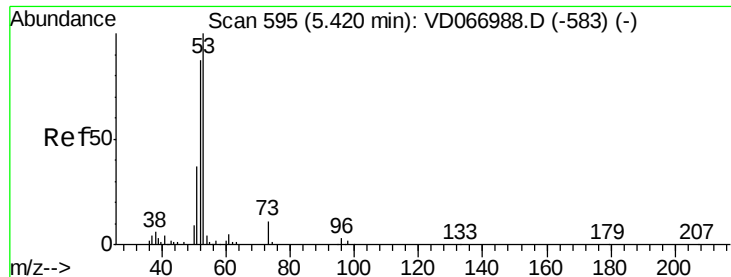
5000

0

4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 50.528 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

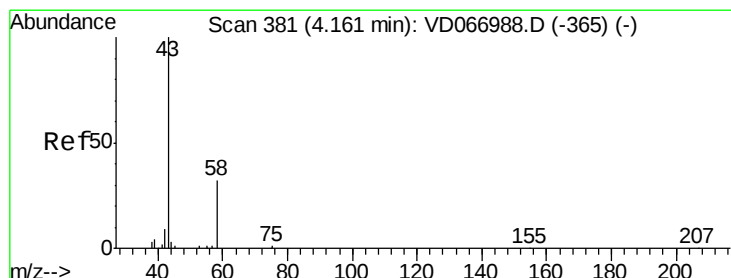
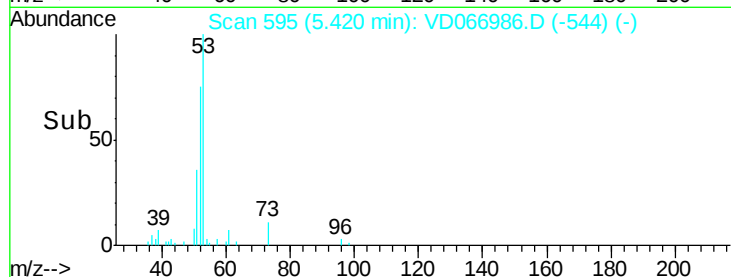
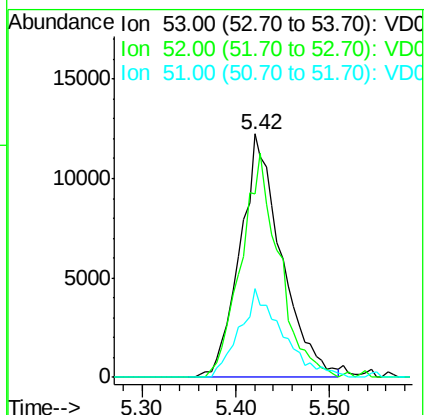
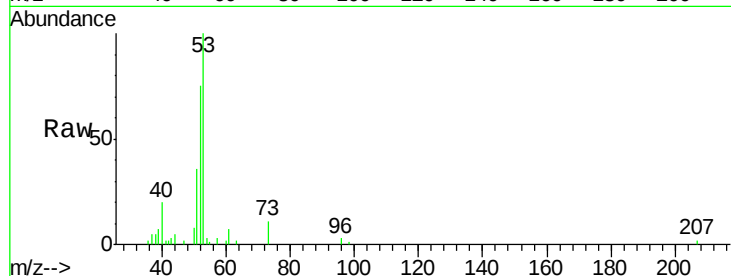
Tgt Ion: 53 Resp: 37385

Ion Ratio Lower Upper

53 100

52 84.5 67.3 100.9

51 37.6 30.2 45.2



#16

Acetone

Concen: 51.346 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD066986.D

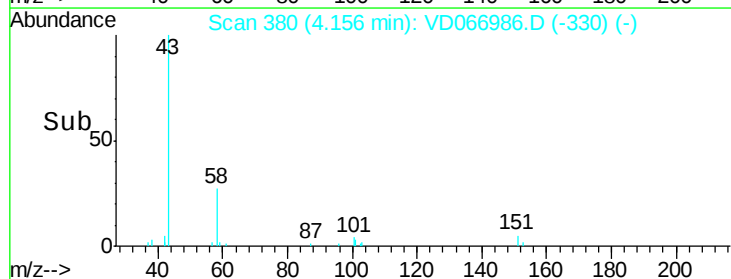
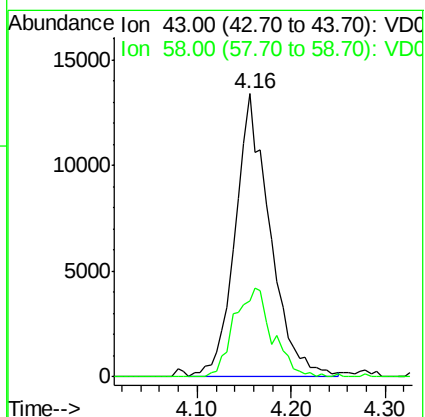
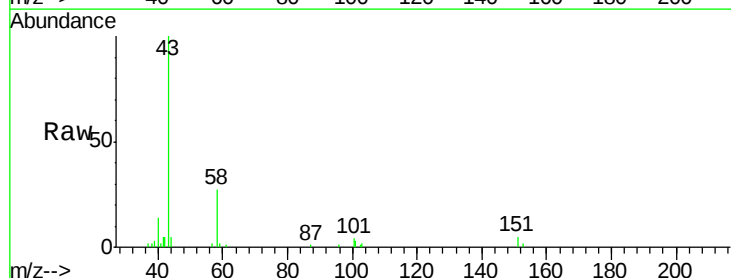
Acq: 01 Oct 2020 11:53

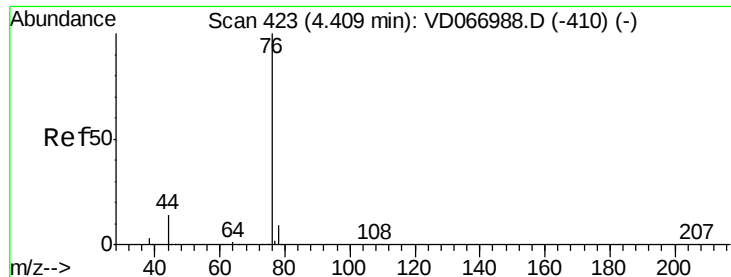
Tgt Ion: 43 Resp: 34497

Ion Ratio Lower Upper

43 100

58 26.6 25.9 38.9

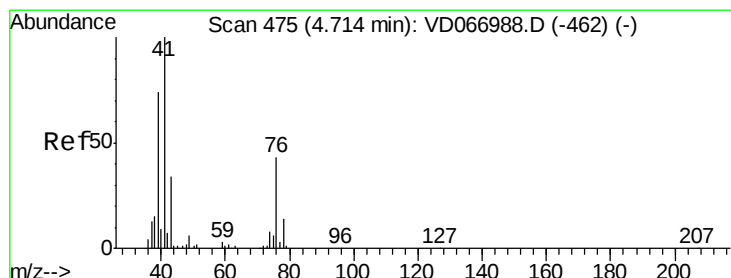
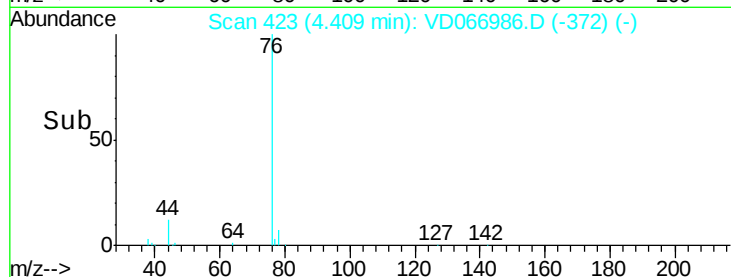
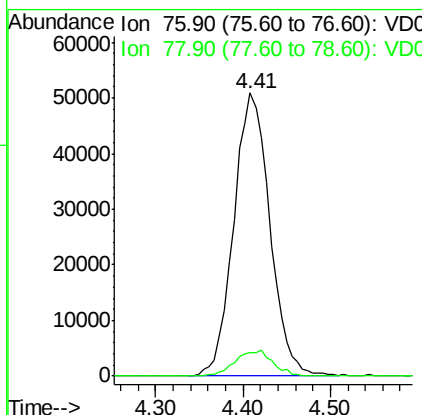
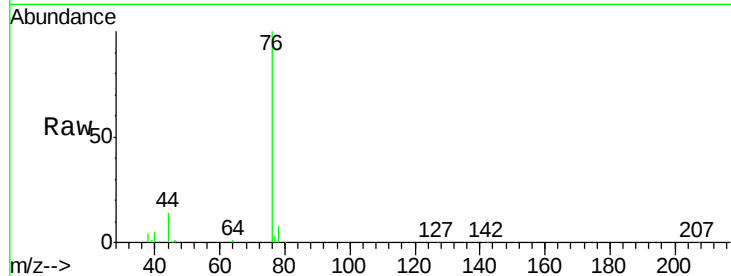




#17
Carbon Disulfide
Concen: 10.782 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

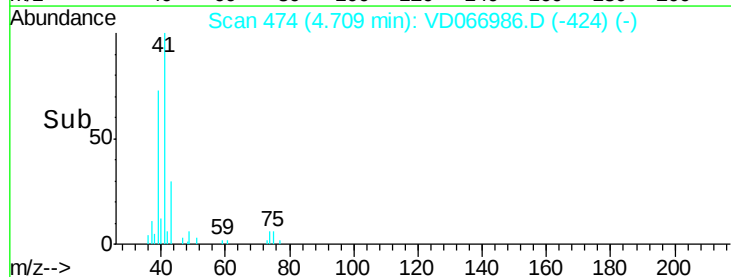
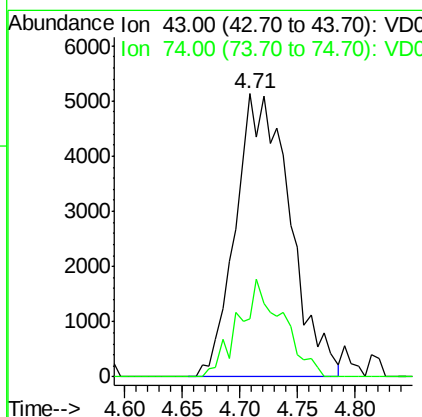
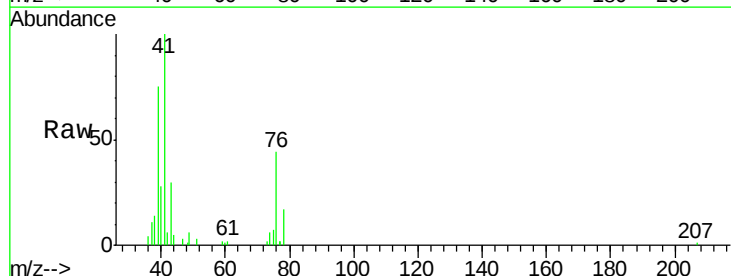
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

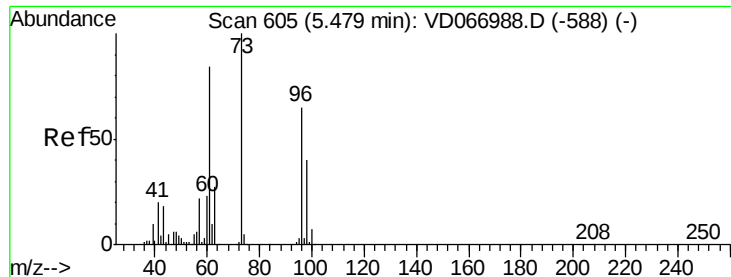
Tgt Ion: 76 Resp: 142535
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#18
Methyl Acetate
Concen: 9.943 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Tgt Ion: 43 Resp: 16790
Ion Ratio Lower Upper
43 100
74 27.9 21.5 32.3



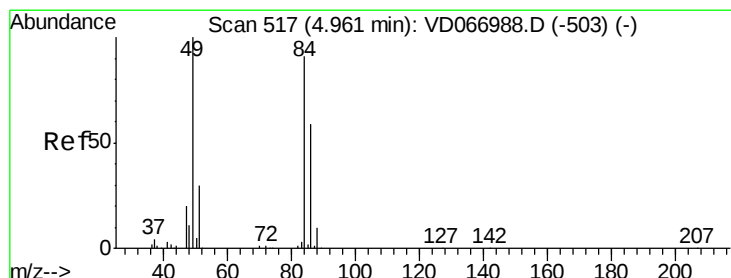
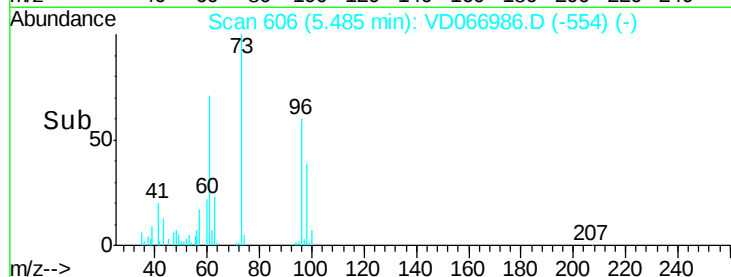
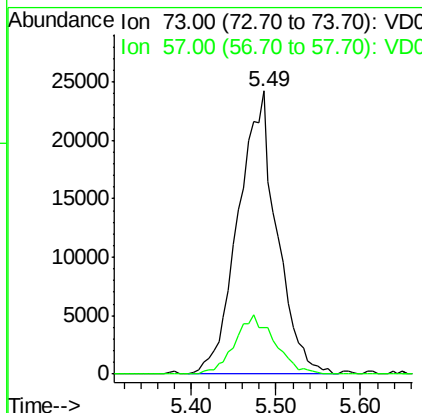
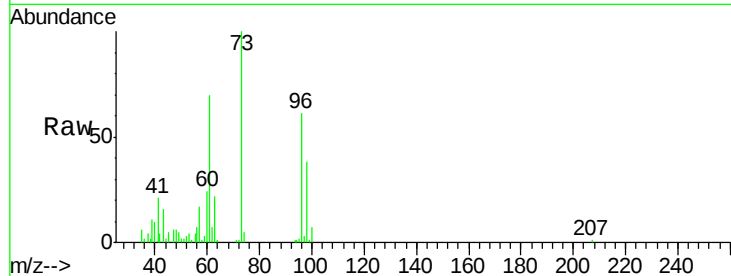


#19

Methyl tert-butyl Ether
 Concen: 9.795 ug/l
 RT: 5.49 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

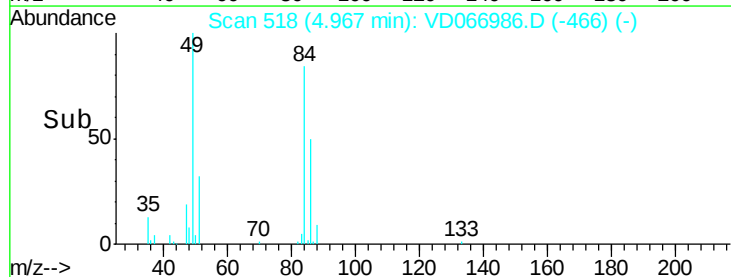
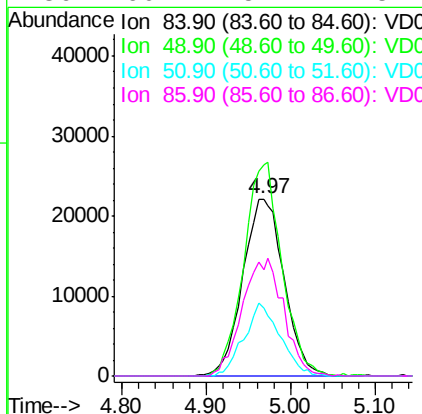
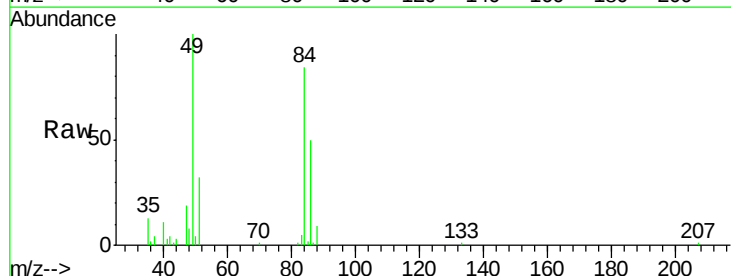
Tgt Ion: 73 Resp: 77021
 Ion Ratio Lower Upper
 73 100
 57 16.5 17.4 26.0#

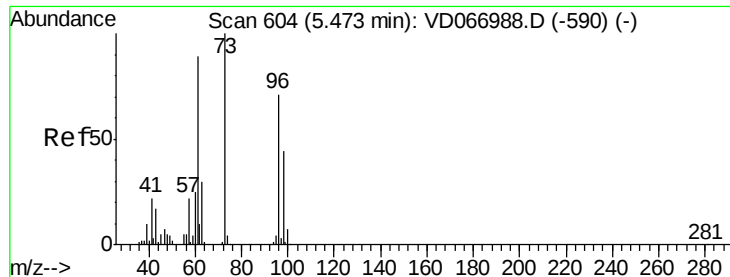


#20

Methylene Chloride
 Concen: 12.232 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

Tgt Ion: 84 Resp: 74916
 Ion Ratio Lower Upper
 84 100
 49 119.0 88.2 132.2
 51 38.1 26.6 39.8
 86 60.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 10.072 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampled :

VSTDIC010

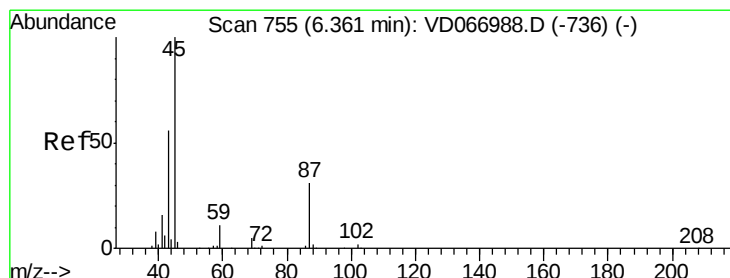
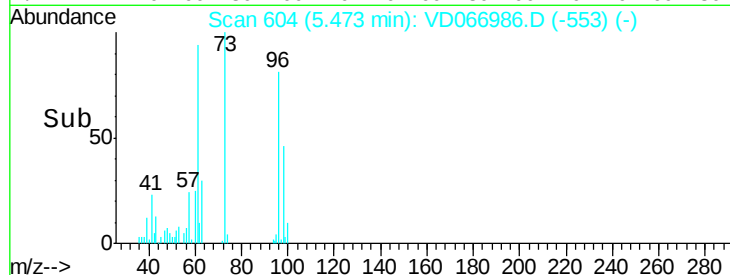
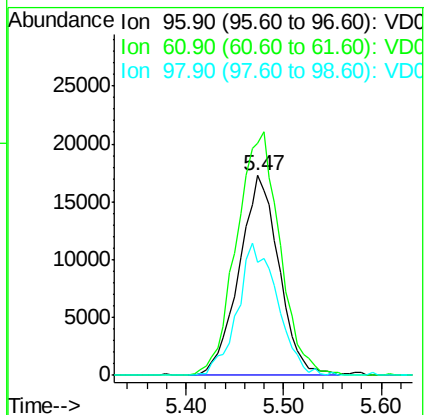
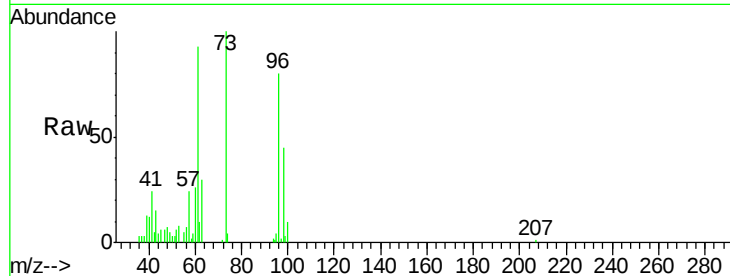
Tgt Ion: 96 Resp: 49376

Ion Ratio Lower Upper

96 100

61 116.0 99.6 149.4

98 56.8 49.4 74.2



#22

Diisopropyl ether

Concen: 10.517 ug/l

RT: 6.37 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Tgt Ion: 45 Resp: 107442

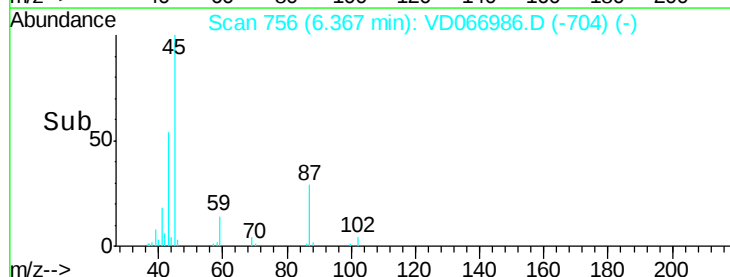
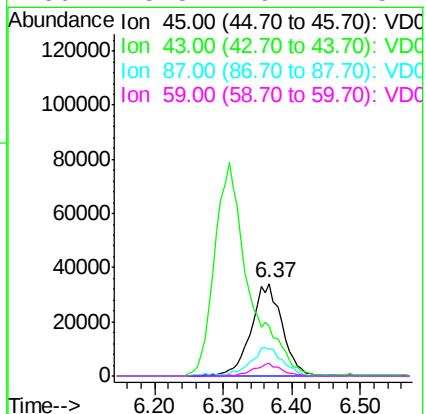
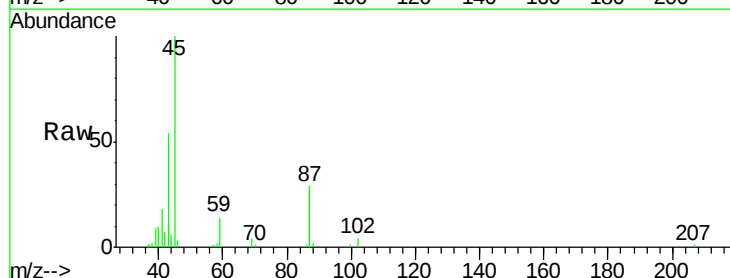
Ion Ratio Lower Upper

45 100

43 53.0 45.2 67.8

87 28.9 25.6 38.4

59 13.8 9.1 13.7#

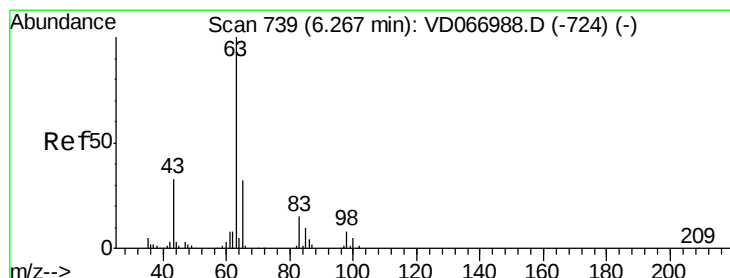
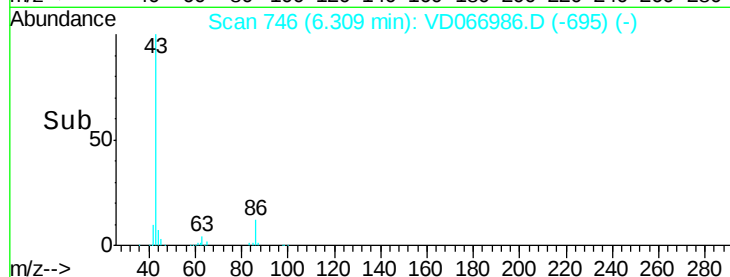
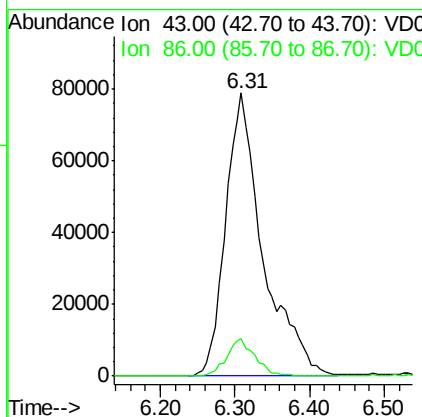
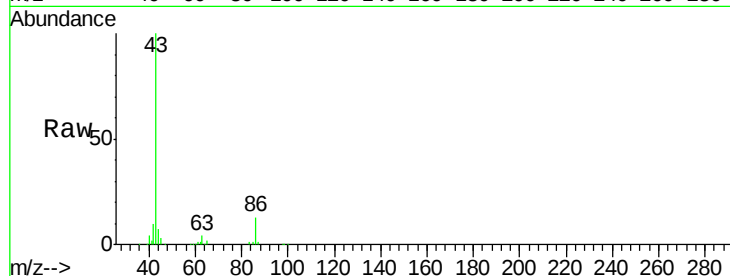




#23
 Vinyl Acetate
 Concen: 47.464 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

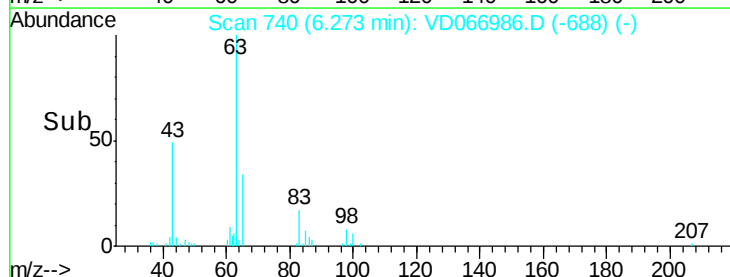
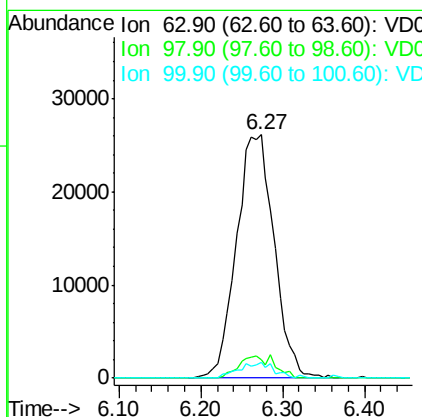
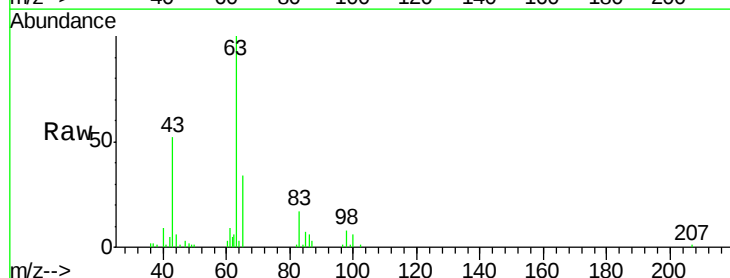
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

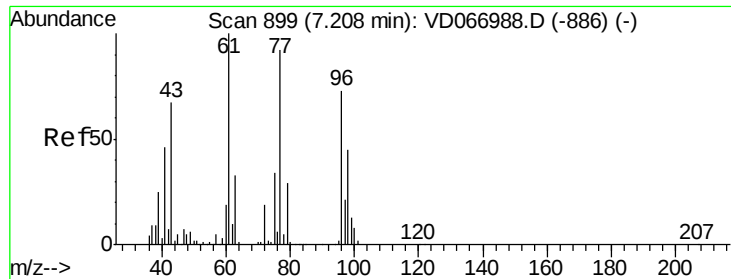
Tgt Ion: 43 Resp: 274769
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 10.616 ug/l
 RT: 6.27 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

Tgt Ion: 63 Resp: 83699
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.2 12.6
 100 6.3 2.6 7.8

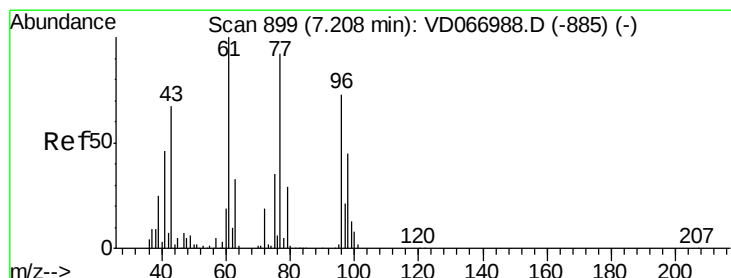
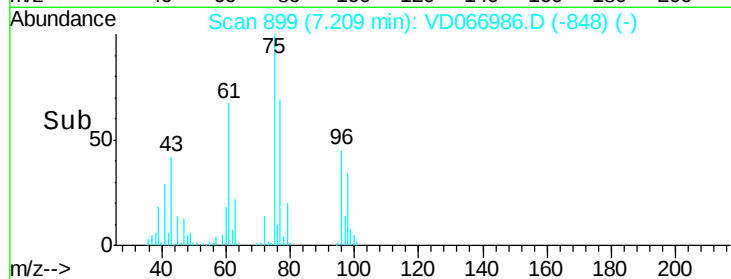
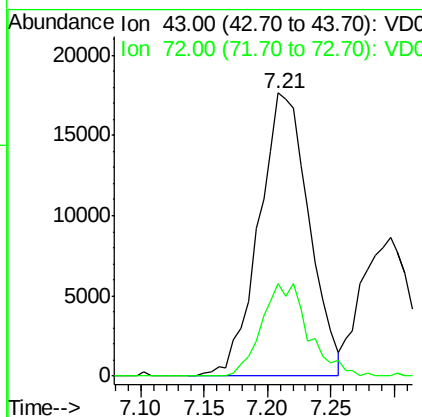
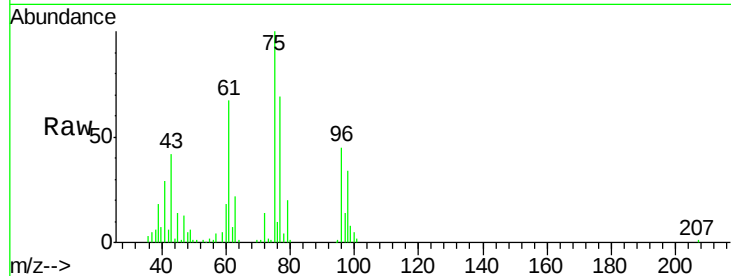




#25
2-Butanone
Concen: 50.719 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

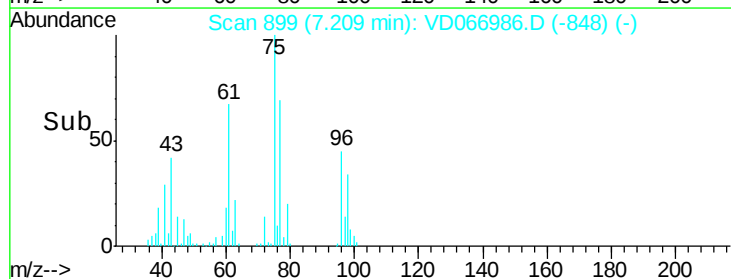
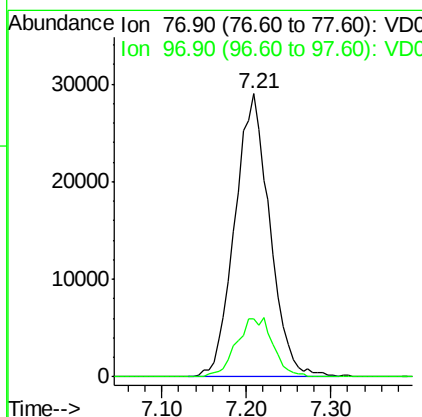
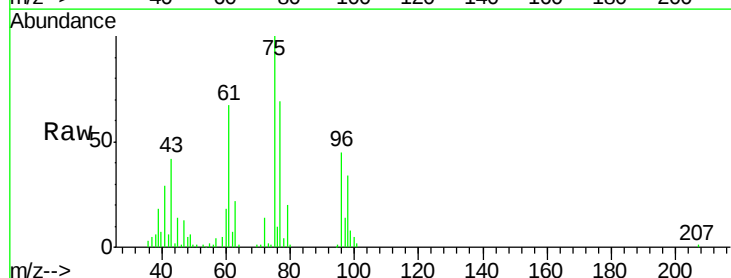
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

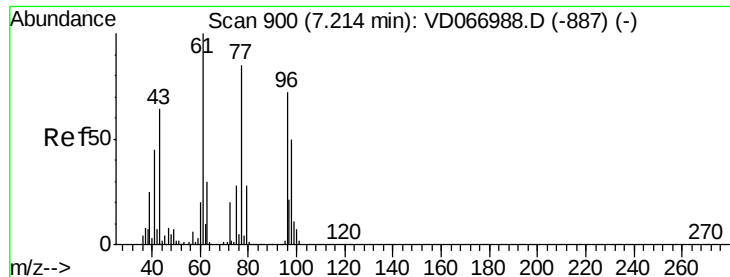
Tgt Ion: 43 Resp: 48312
Ion Ratio Lower Upper
43 100
72 32.6 22.8 34.2



#26
2,2-Dichloropropane
Concen: 10.999 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Tgt Ion: 77 Resp: 83201
Ion Ratio Lower Upper
77 100
97 21.6 11.4 34.2



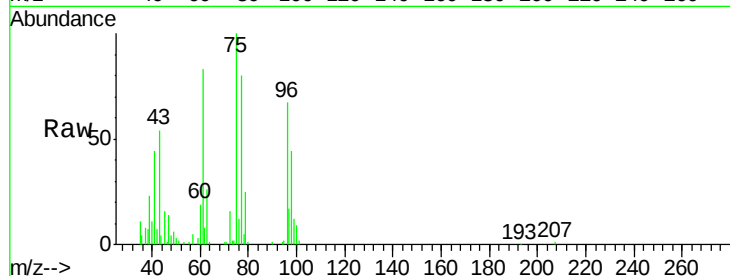


#27

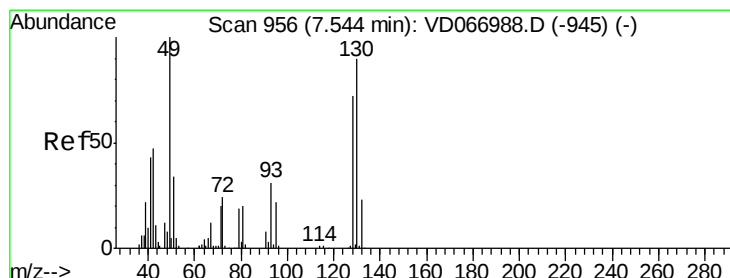
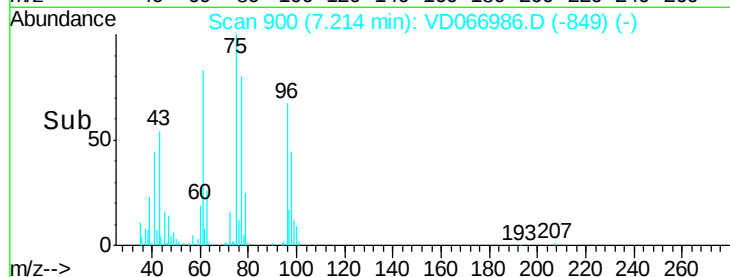
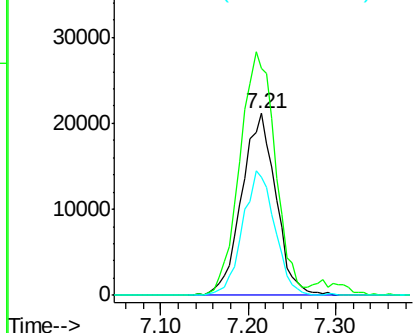
cis-1,2-Dichloroethene
Concen: 10.715 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 56099
Ion Ratio Lower Upper
96 100
61 138.8 0.0 269.2
98 64.3 0.0 129.4



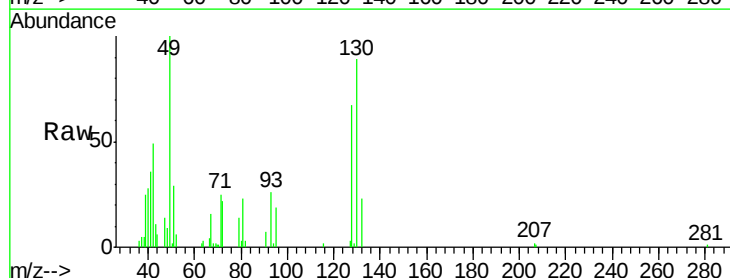
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



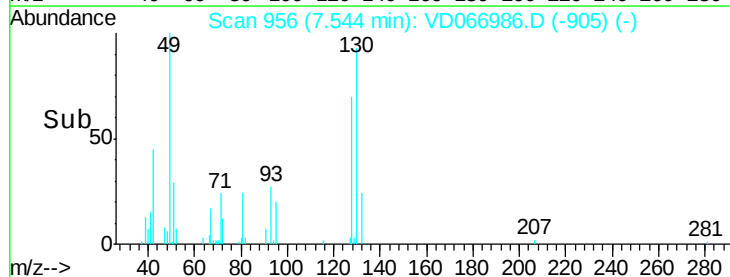
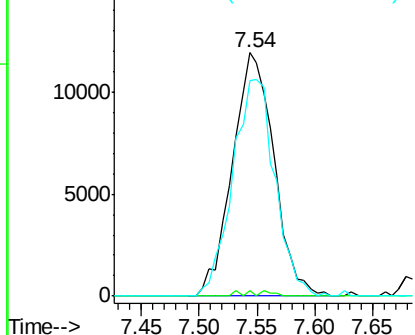
#28

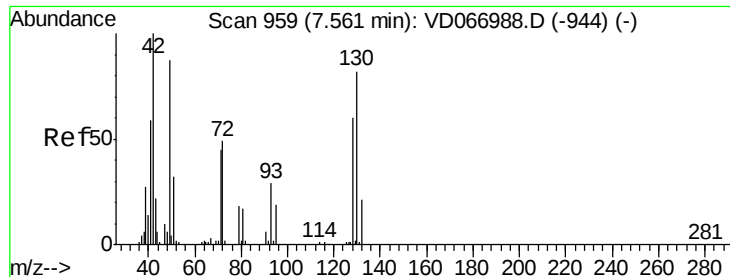
Bromochloromethane
Concen: 9.818 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Tgt Ion: 49 Resp: 29893
Ion Ratio Lower Upper
49 100
129 0.3 0.0 4.6
130 90.6 74.1 111.1



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





#29

Tetrahydrofuran

Concen: 51.654 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

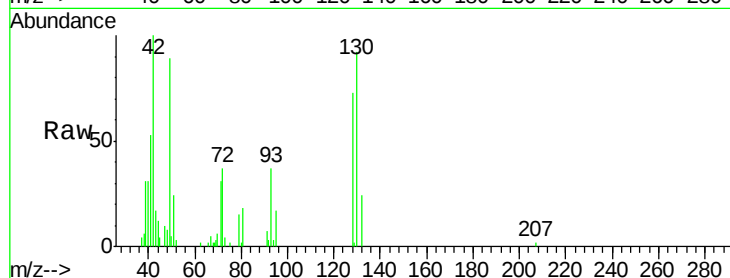
Tgt Ion: 42 Resp: 28291

Ion Ratio Lower Upper

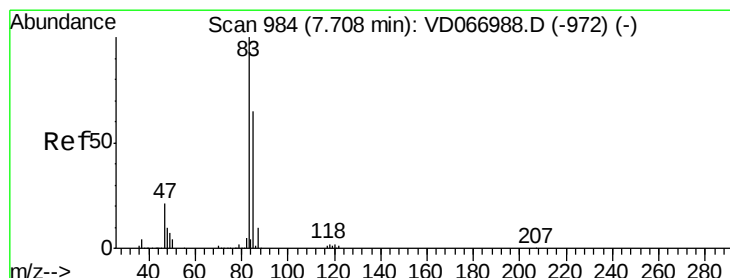
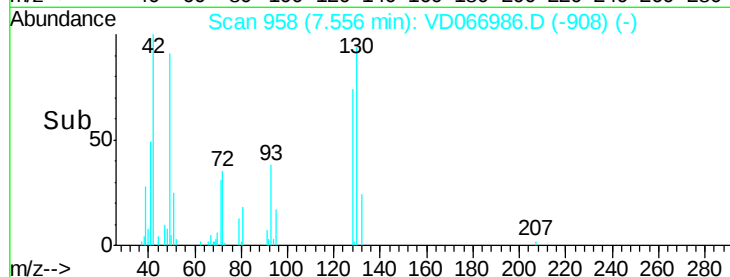
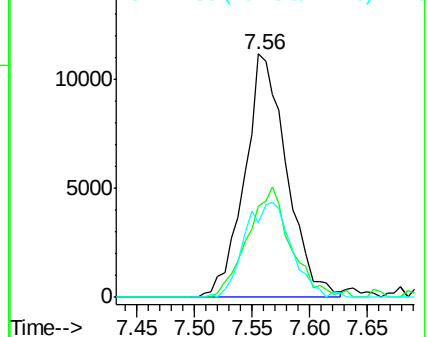
42 100

72 46.4 39.1 58.7

71 43.0 34.2 51.4



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: 10.642 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD066986.D

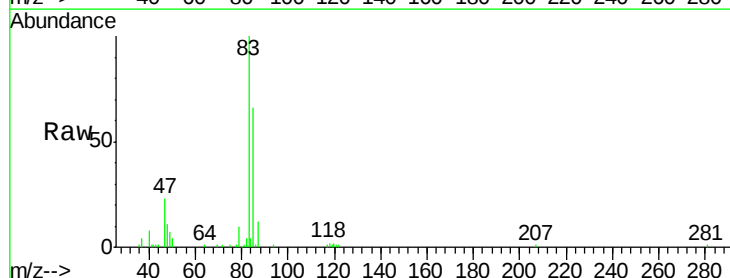
Acq: 01 Oct 2020 11:53

Tgt Ion: 83 Resp: 91020

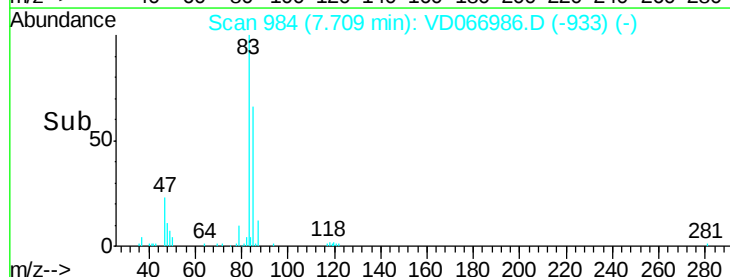
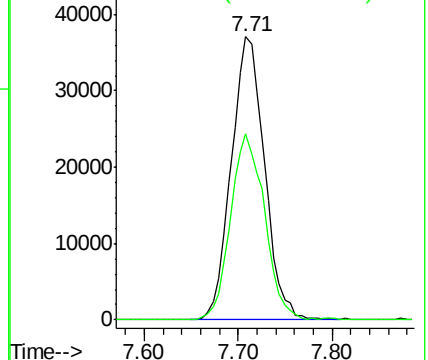
Ion Ratio Lower Upper

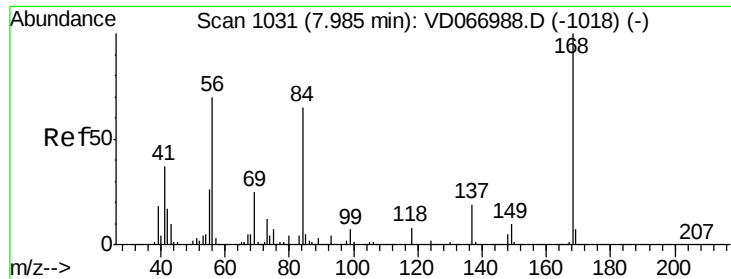
83 100

85 65.9 52.3 78.5



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

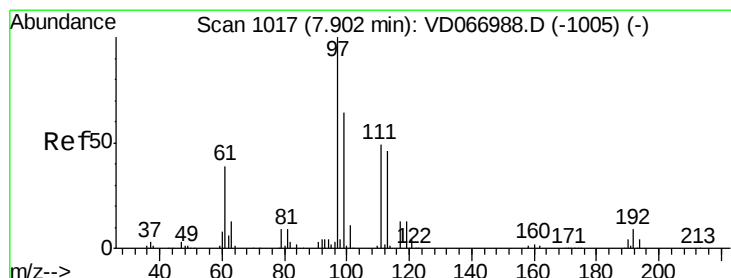
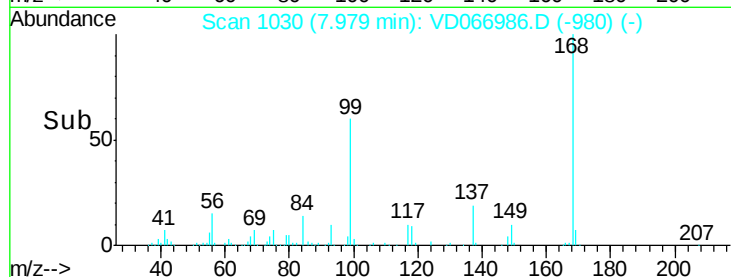
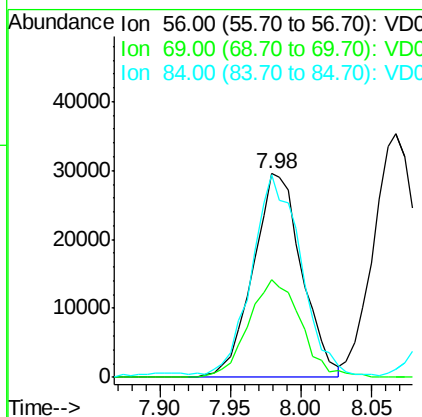
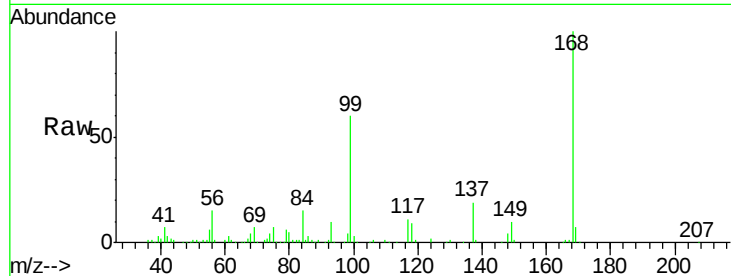




#31
Cyclohexane
Concen: 10.819 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

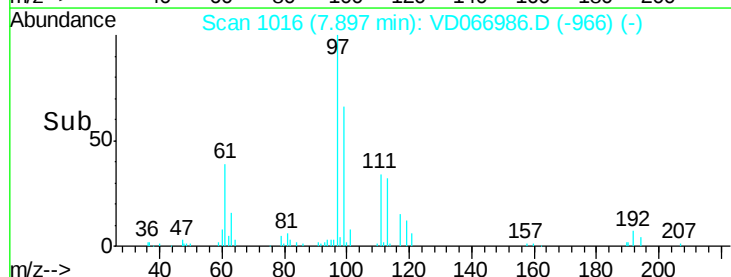
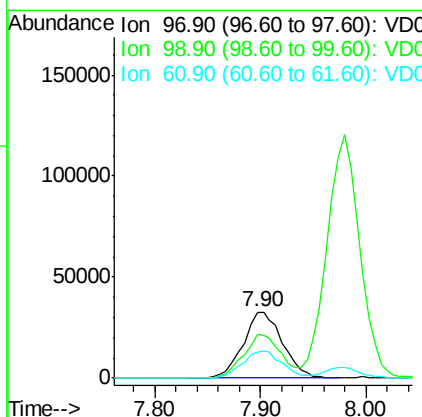
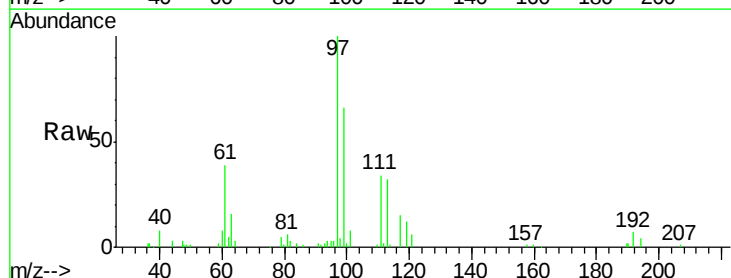
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

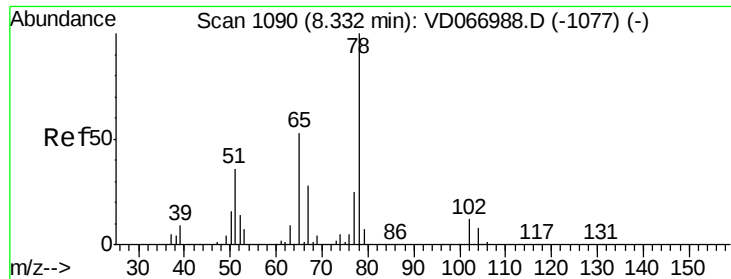
Tgt Ion: 56 Resp: 71513
Ion Ratio Lower Upper
56 100
69 48.0 29.0 43.6#
84 98.4 74.2 111.2



#32
1,1,1-Trichloroethane
Concen: 10.611 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Tgt Ion: 97 Resp: 84109
Ion Ratio Lower Upper
97 100
99 64.5 52.6 78.8
61 41.3 32.8 49.2

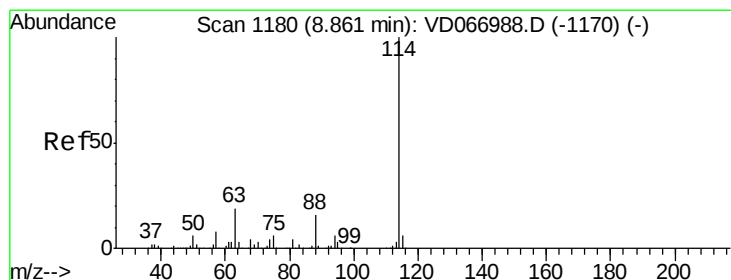
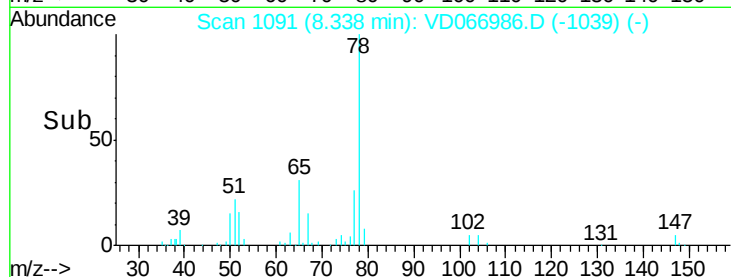
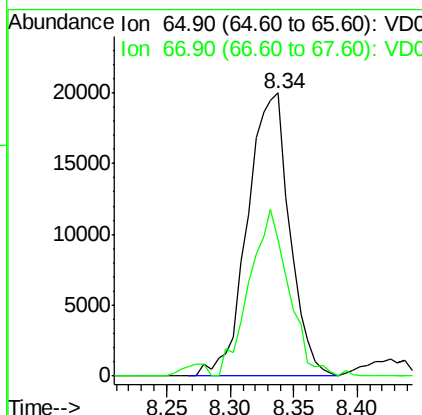
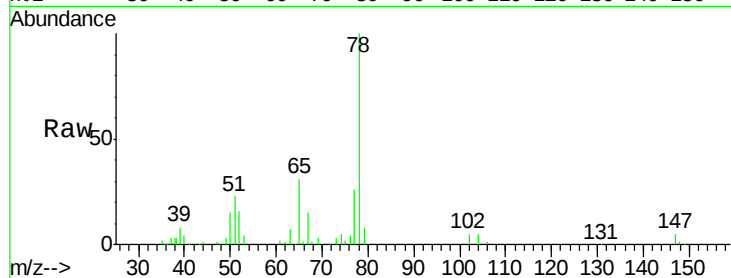




#33
 1,2-Dichloroethane-d4
 Concen: 10.477 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

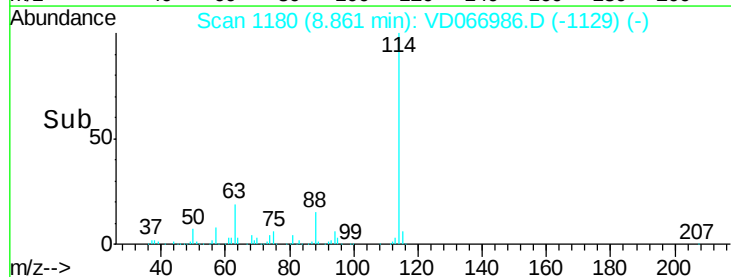
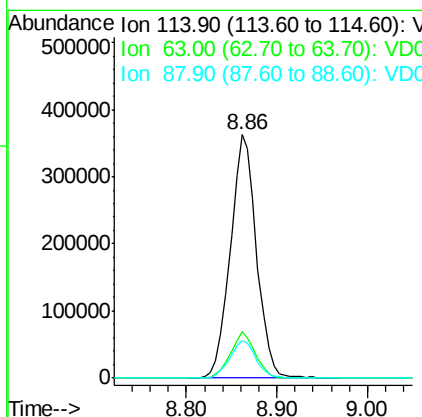
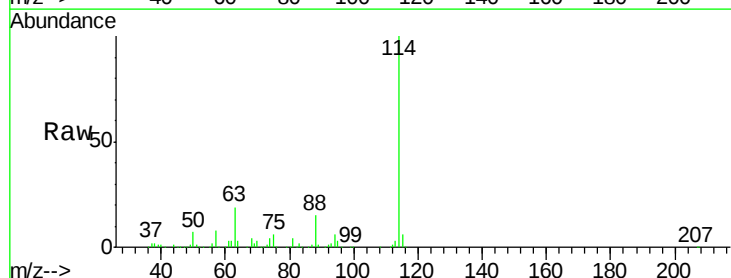
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

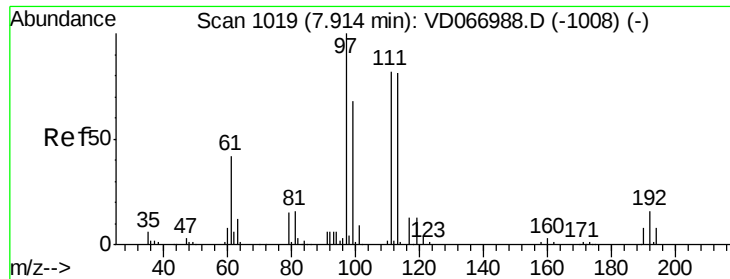
Tgt Ion: 65 Resp: 46110
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

Tgt Ion: 114 Resp: 725302
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 15.3 0.0 31.2

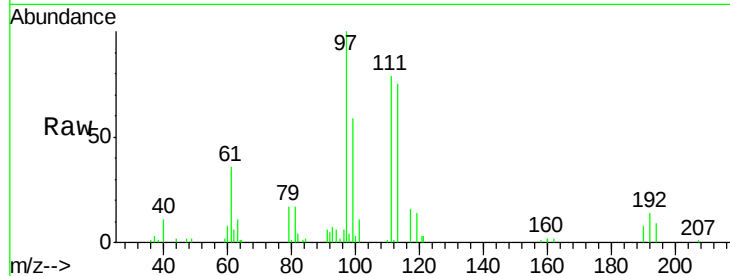




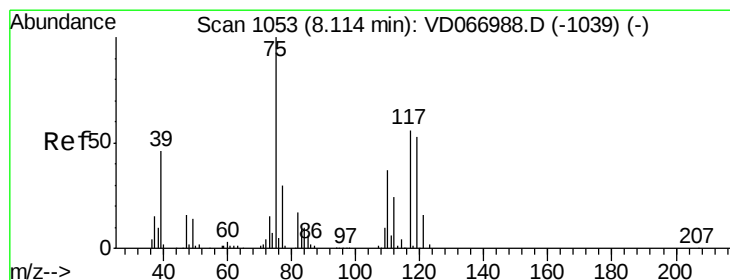
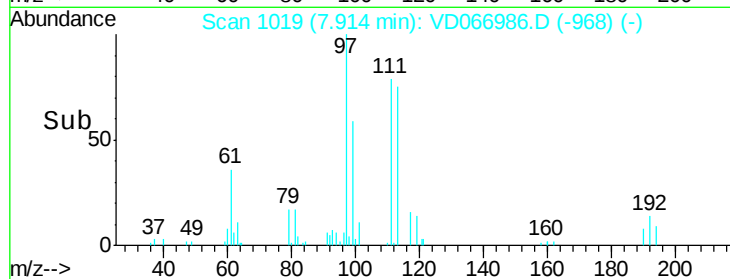
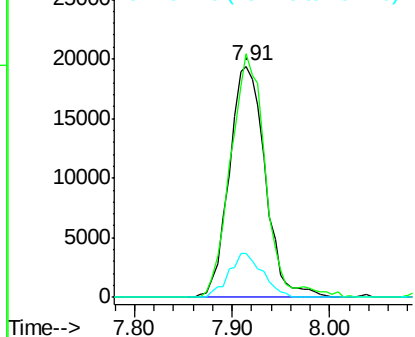
#35
 Dibromofluoromethane
 Concen: 10.427 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion: 113 Resp: 49514
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.0 124.4
 192 17.8 15.5 23.3

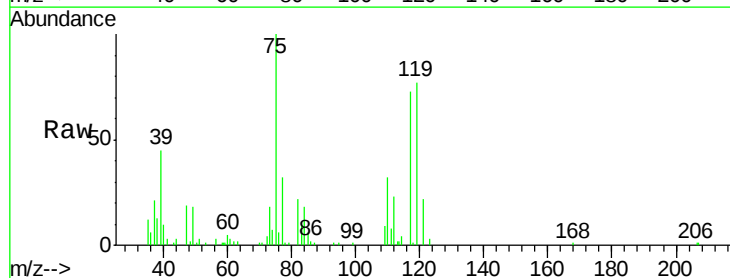


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

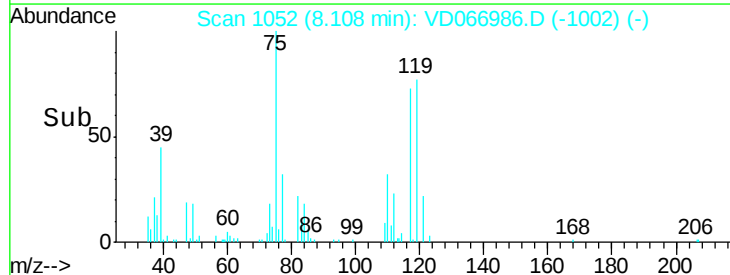
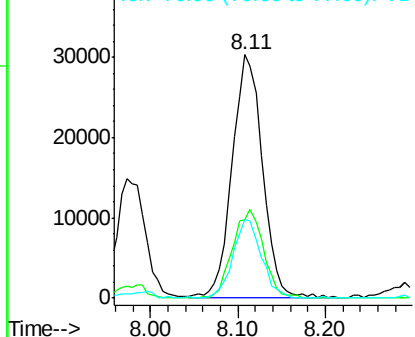


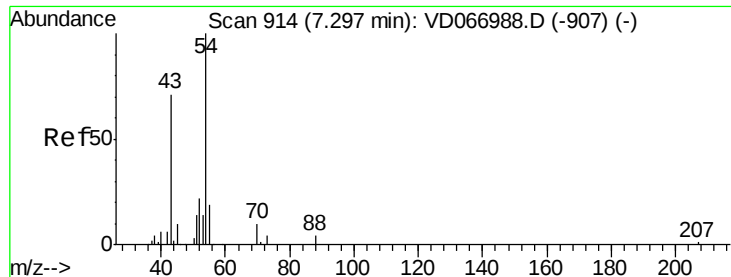
#36
 1,1-Dichloropropene
 Concen: 10.566 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

Tgt Ion: 75 Resp: 71434
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.4 55.0
 77 30.2 24.8 37.2



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

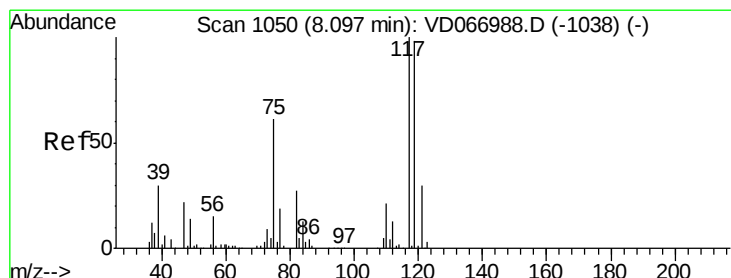
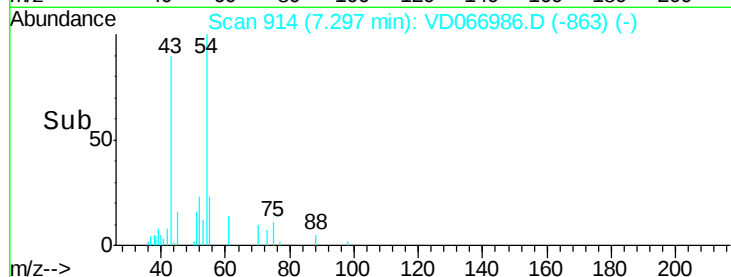
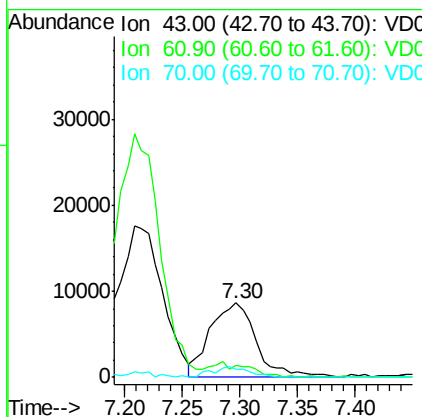
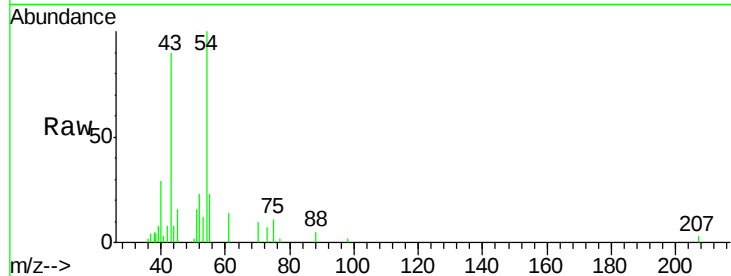




#37
Ethyl Acetate
Concen: 10.307 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

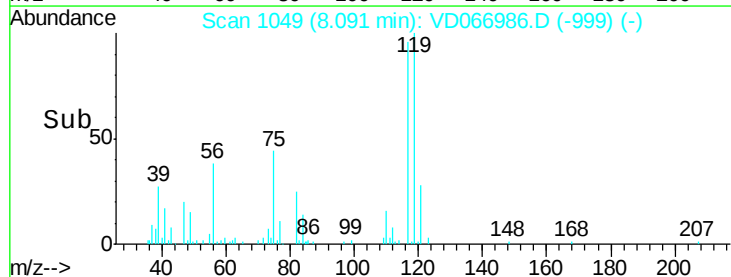
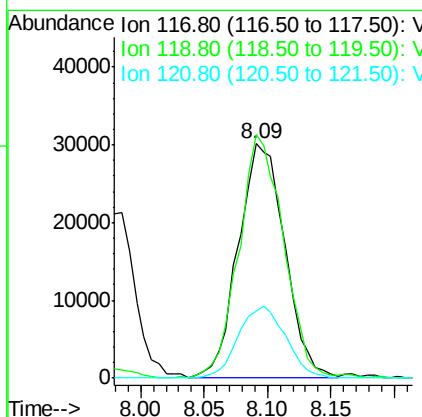
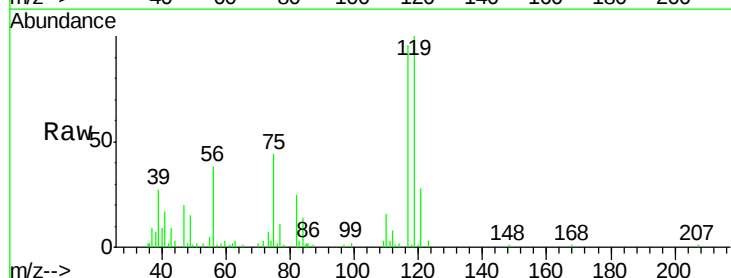
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

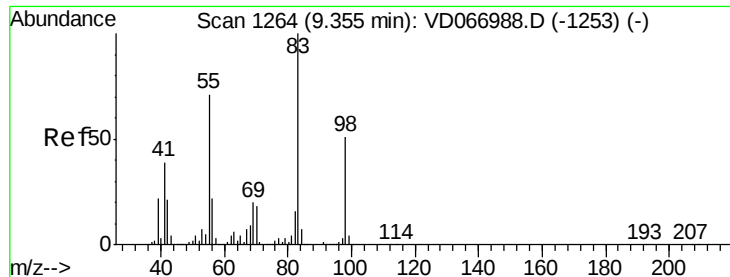
Tgt Ion: 43 Resp: 24139
Ion Ratio Lower Upper
43 100
61 16.3 12.5 18.7
70 10.9 9.4 14.0



#38
Carbon Tetrachloride
Concen: 10.541 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Tgt Ion: 117 Resp: 77108
Ion Ratio Lower Upper
117 100
119 103.8 78.7 118.1
121 28.7 24.2 36.2

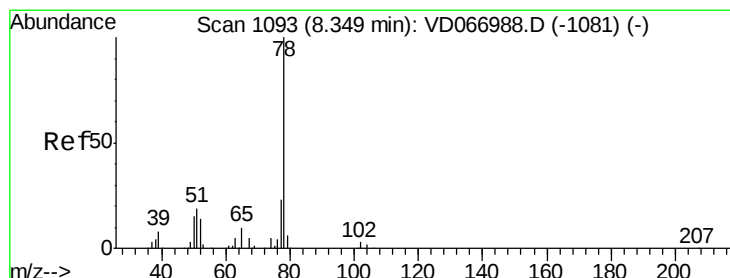
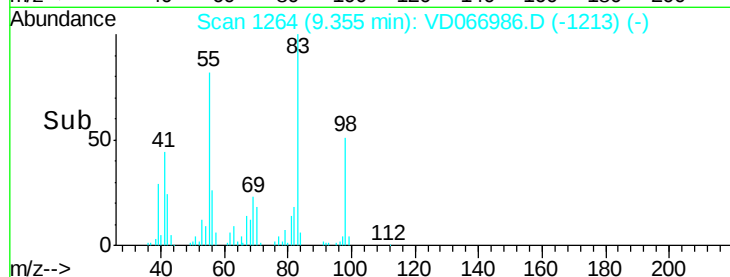
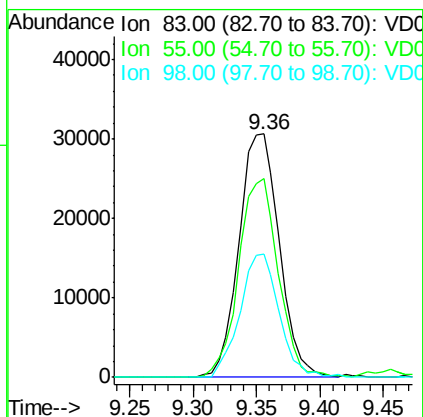
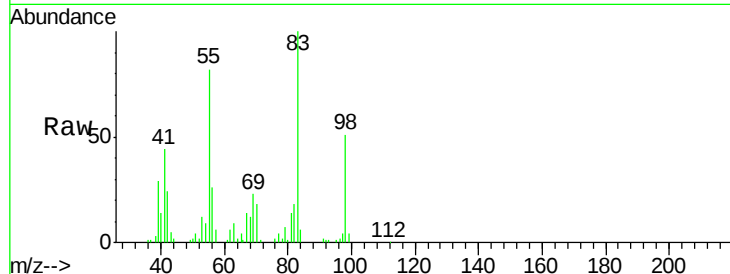




#39
Methylcyclohexane
Concen: 9.476 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

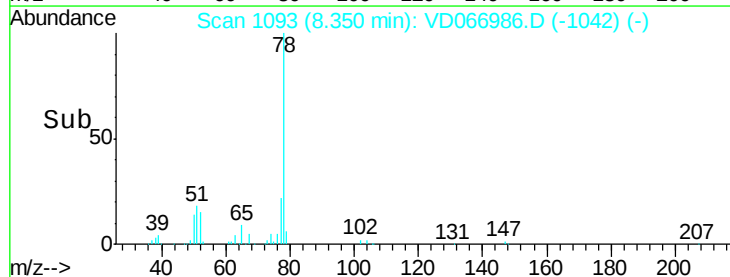
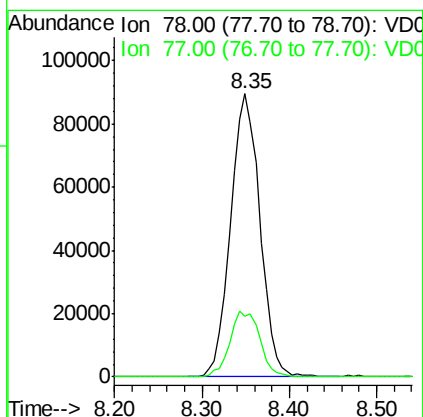
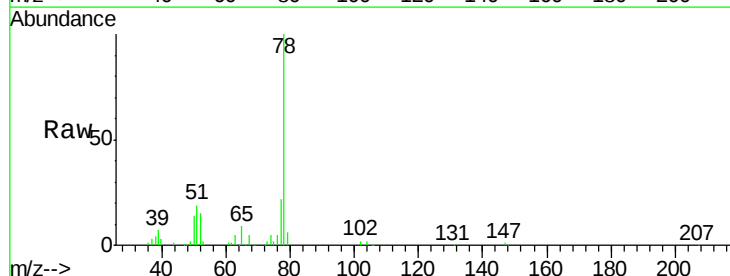
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

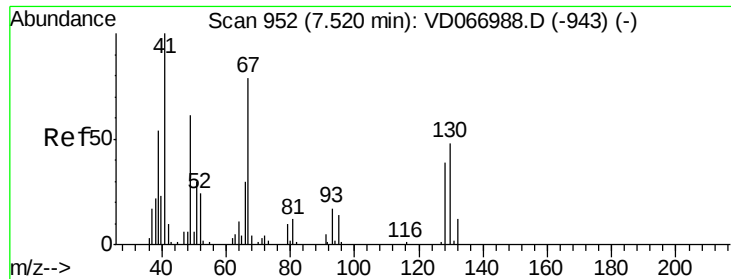
Tgt Ion: 83 Resp: 67728
Ion Ratio Lower Upper
83 100
55 81.8 57.1 85.7
98 50.8 40.9 61.3



#40
Benzene
Concen: 10.848 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Tgt Ion: 78 Resp: 203712
Ion Ratio Lower Upper
78 100
77 21.3 18.4 27.6

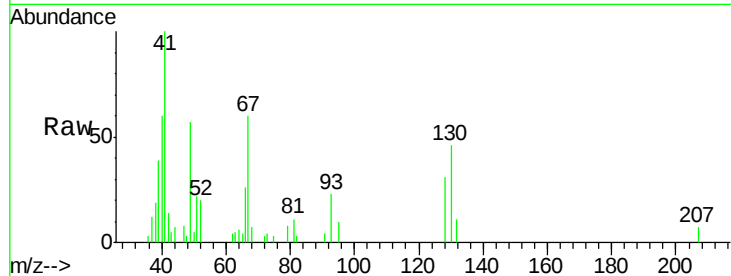




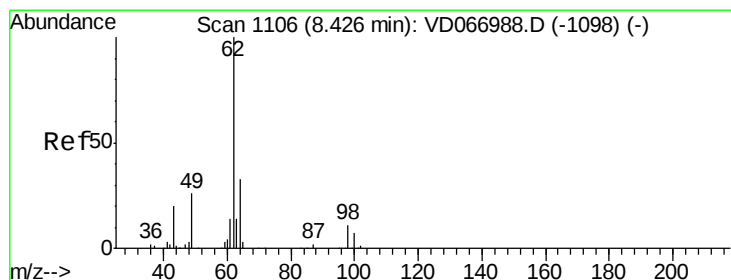
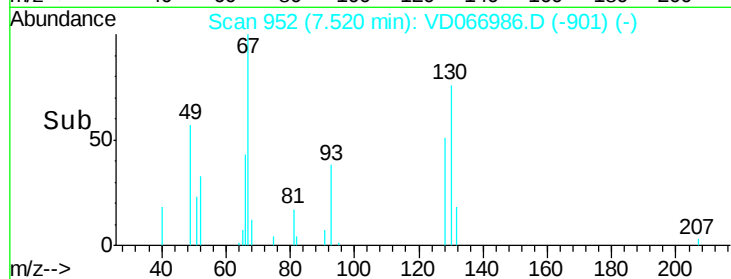
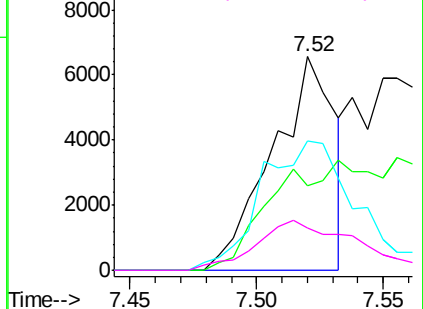
#41
Methacrylonitrile
Concen: 8.869 ug/l
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:	41	Resp:	11222
Ion	Ratio	Lower	Upper
41	100		
39	85.4	0.0	0.0#
67	92.5	0.0	0.0#
52	38.2	0.0	0.0#

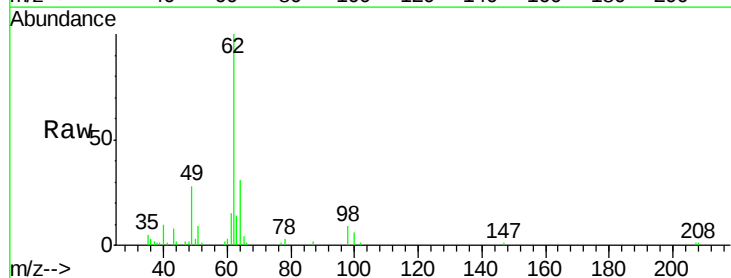


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

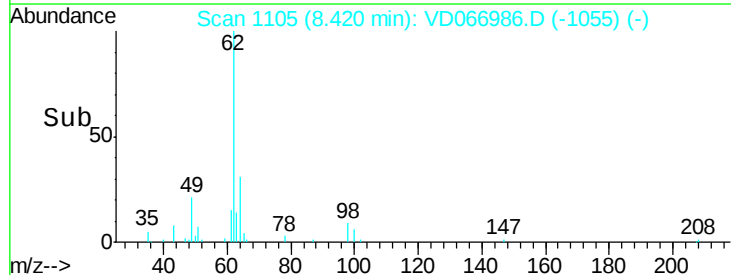
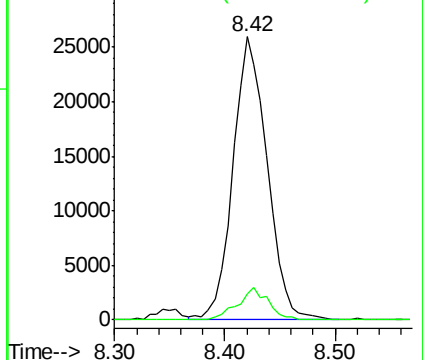


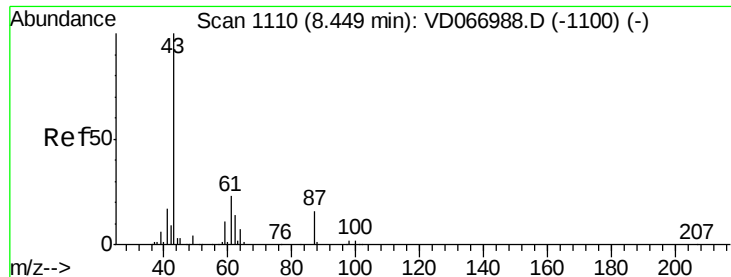
#42
1,2-Dichloroethane
Concen: 10.766 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Tgt Ion:	62	Resp:	56489
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	22.6



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





#43

Isopropyl Acetate

Concen: 10.166 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

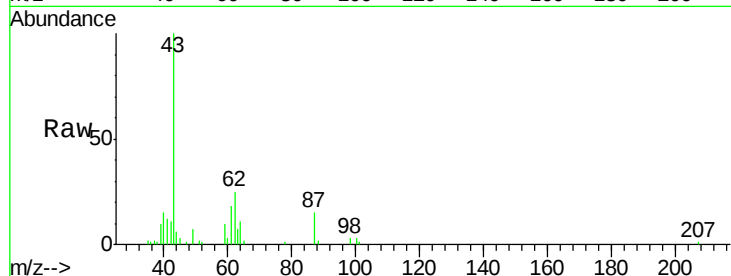
Tgt Ion: 43 Resp: 43860

Ion Ratio Lower Upper

43 100

61 34.1 27.1 40.7

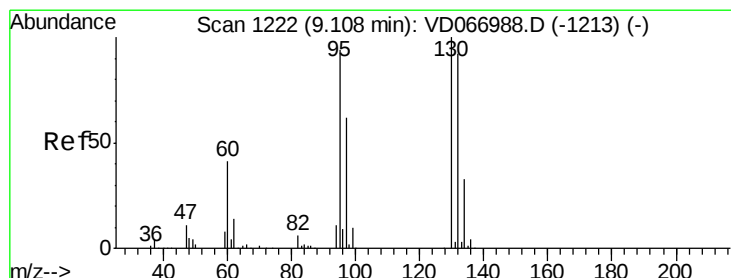
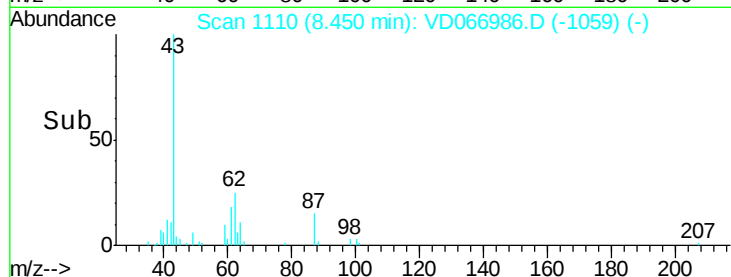
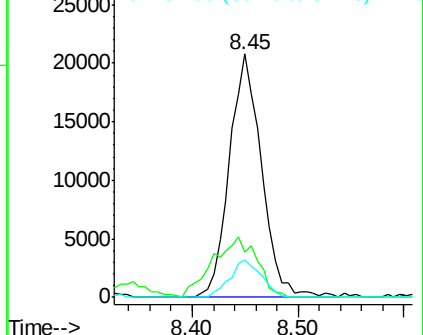
87 14.9 12.3 18.5



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: 10.246 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD066986.D

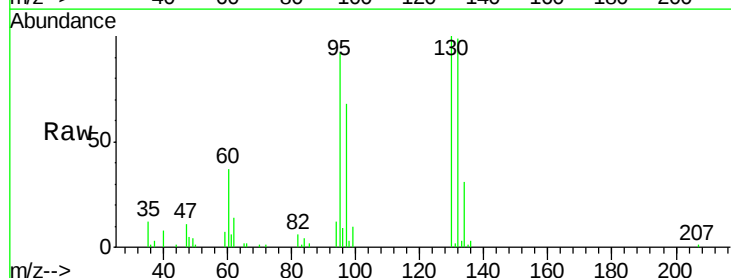
Acq: 01 Oct 2020 11:53

Tgt Ion: 130 Resp: 57451

Ion Ratio Lower Upper

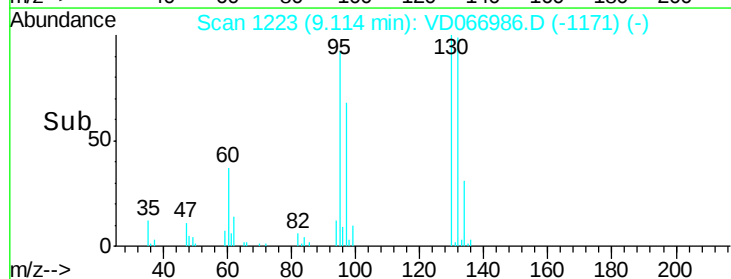
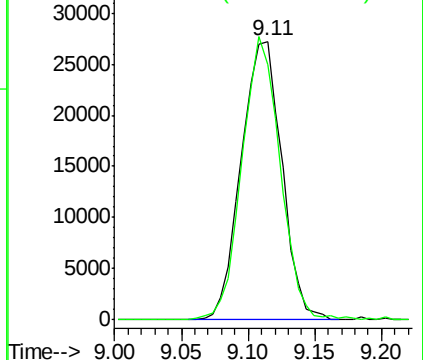
130 100

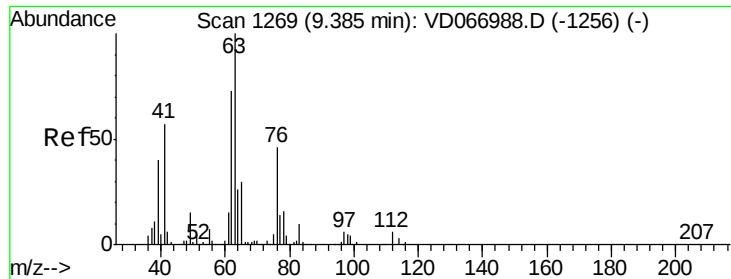
95 91.9 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

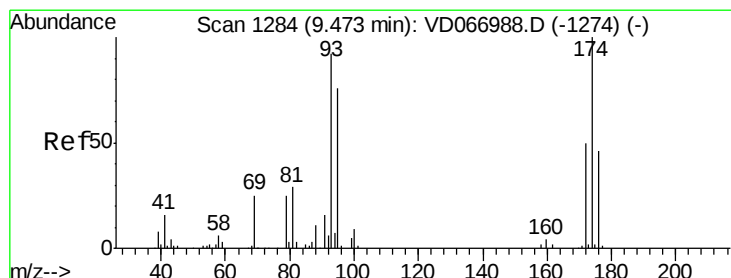
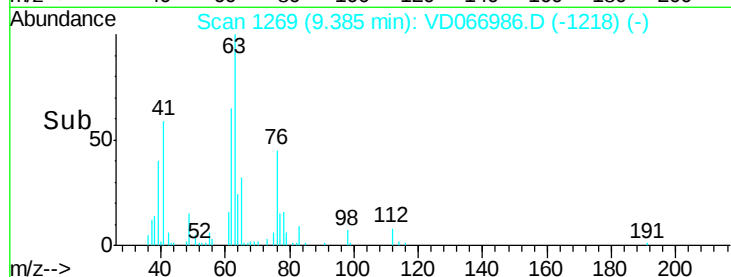
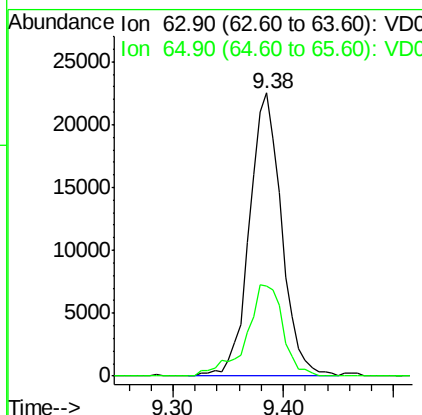
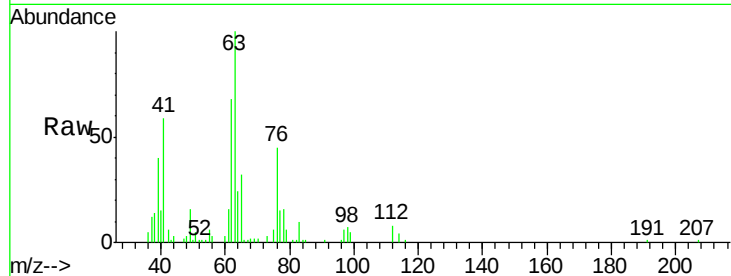




#45
 1,2-Dichloropropane
 Concen: 10.441 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

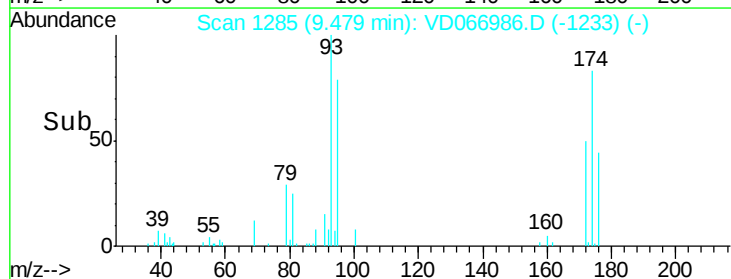
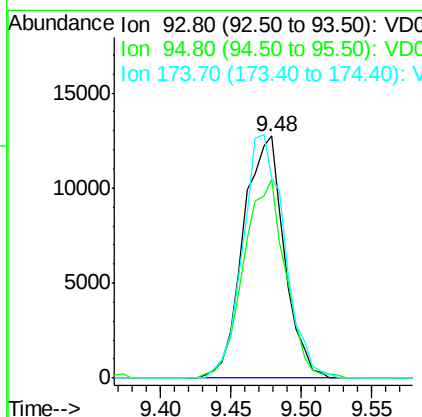
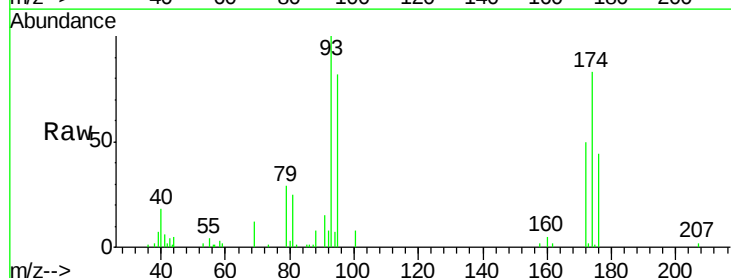
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

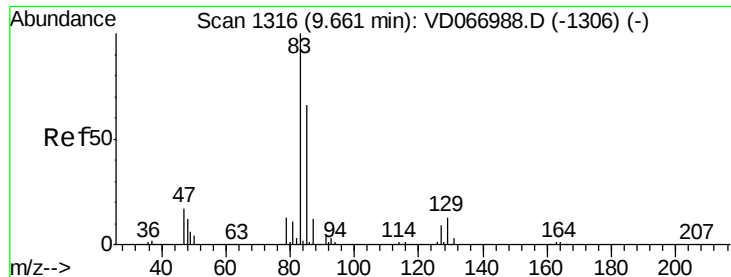
Tgt Ion: 63 Resp: 46067
 Ion Ratio Lower Upper
 63 100
 65 31.7 23.7 35.5



#46
 Dibromomethane
 Concen: 10.204 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

Tgt Ion: 93 Resp: 25877
 Ion Ratio Lower Upper
 93 100
 95 84.3 64.7 97.1
 174 102.1 81.4 122.2

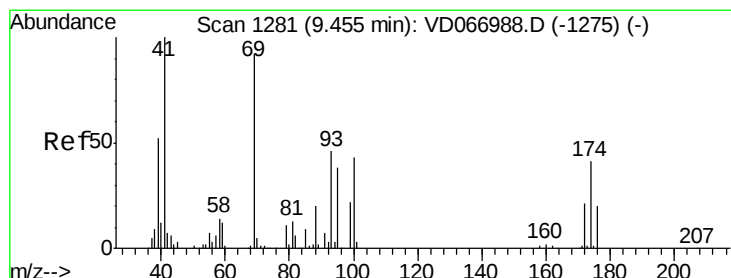
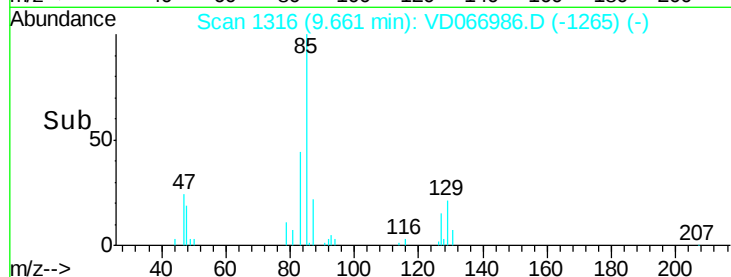
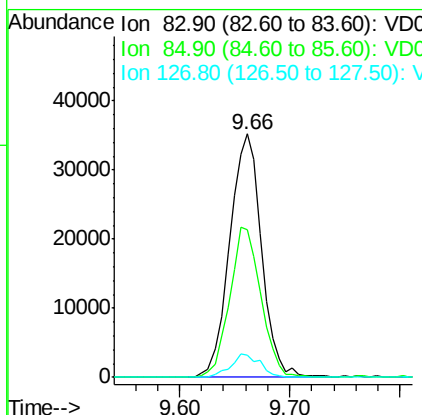
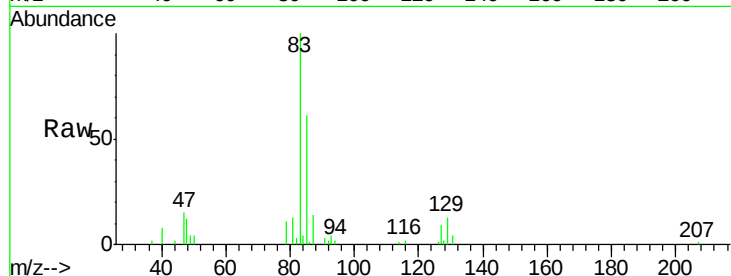




#47
Bromodichloromethane
Concen: 10.798 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

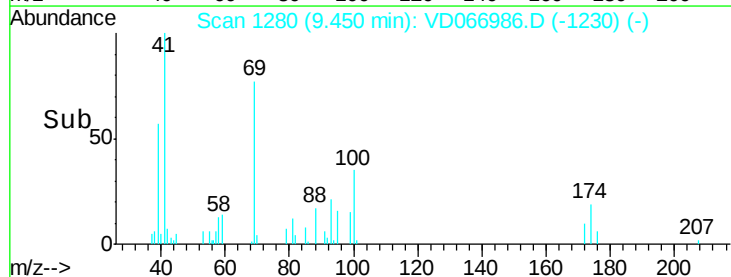
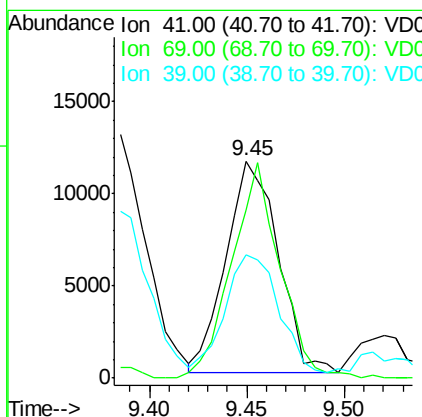
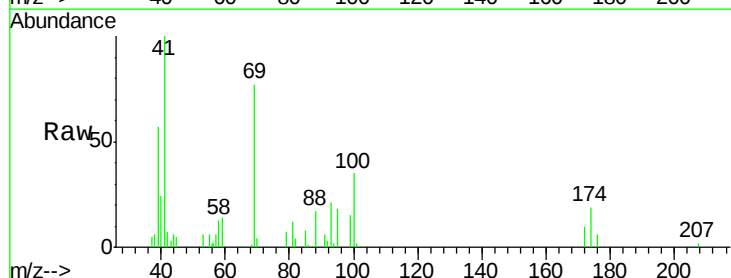
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

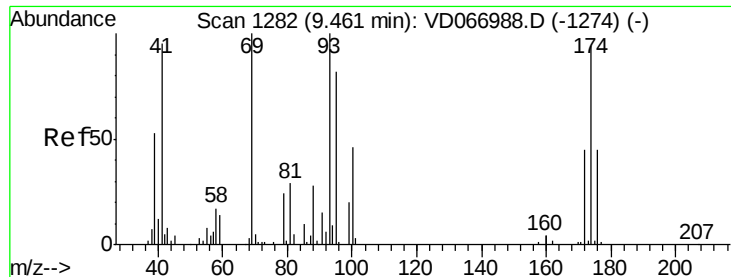
Tgt Ion: 83 Resp: 71181
Ion Ratio Lower Upper
83 100
85 60.8 52.9 79.3
127 9.0 7.3 10.9



#48
Methyl methacrylate
Concen: 9.647 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Tgt Ion: 41 Resp: 21324
Ion Ratio Lower Upper
41 100
69 94.3 68.5 102.7
39 57.1 40.2 60.2





#49

1,4-Dioxane

Concen: 193.264 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

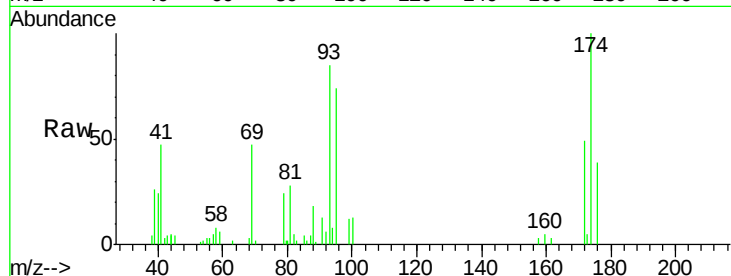
Tgt Ion: 88 Resp: 5115

Ion Ratio Lower Upper

88 100

43 31.4 25.6 38.4

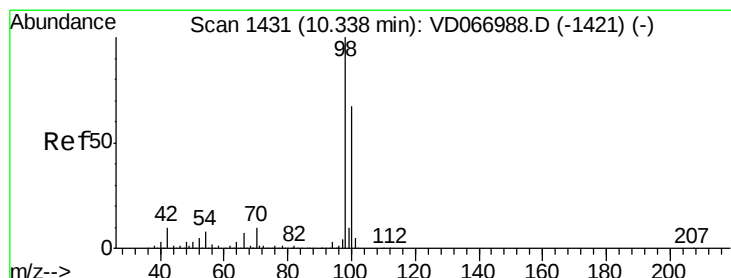
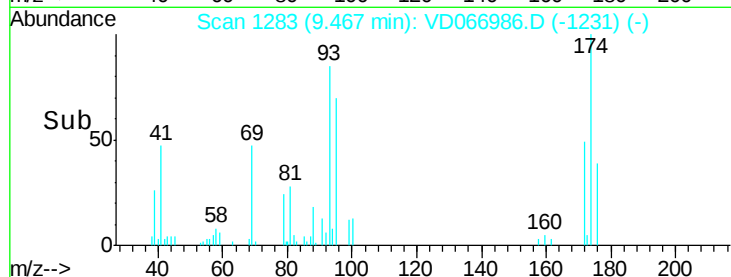
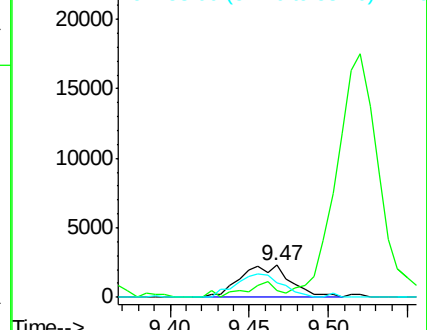
58 66.5 53.5 80.3



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: 10.172 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VD066986.D

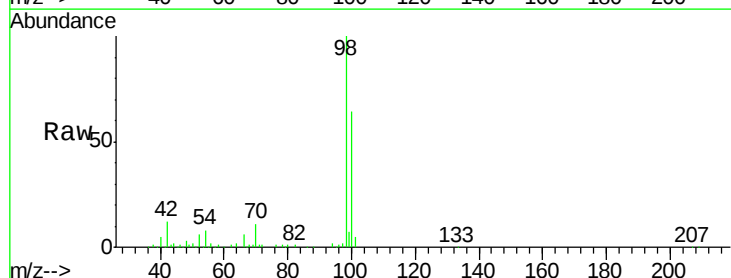
Acq: 01 Oct 2020 11:53

Tgt Ion: 98 Resp: 176009

Ion Ratio Lower Upper

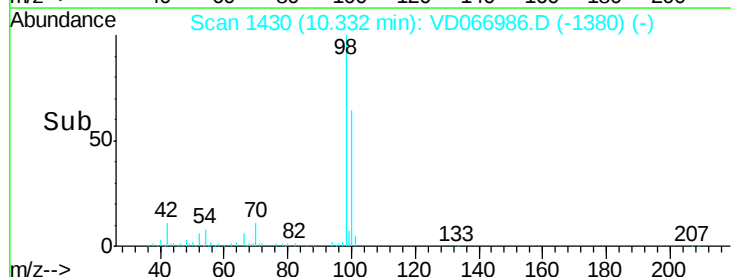
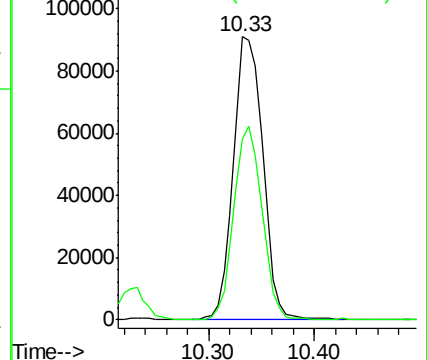
98 100

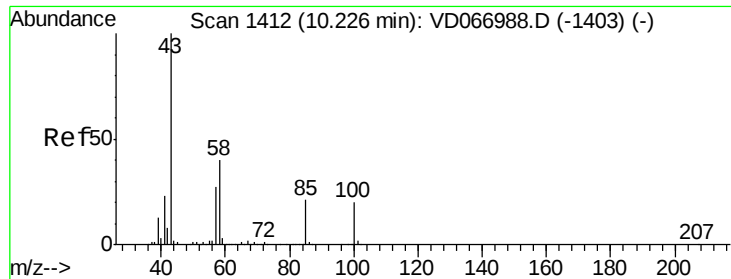
100 65.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

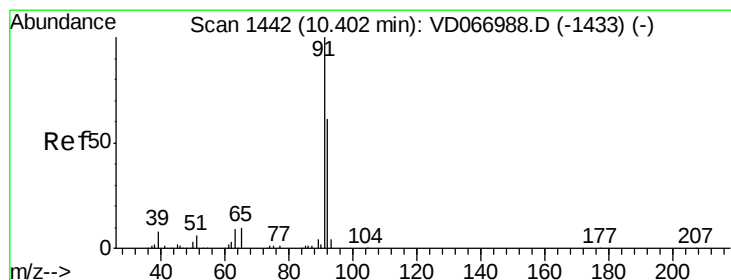
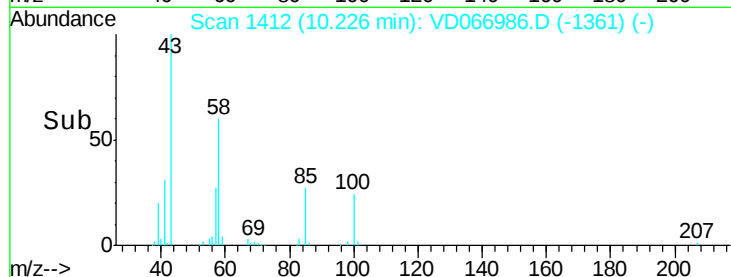
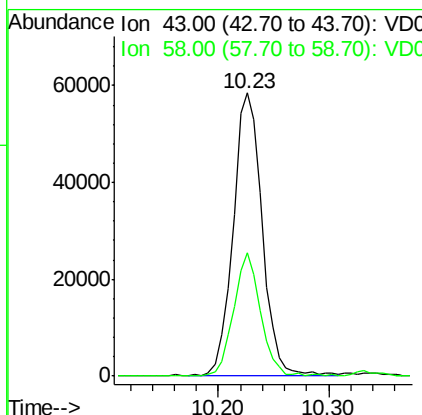
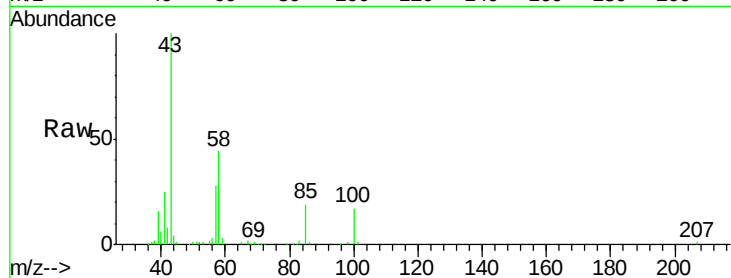




#51
 4-Methyl-2-Pentanone
 Concen: 50.368 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

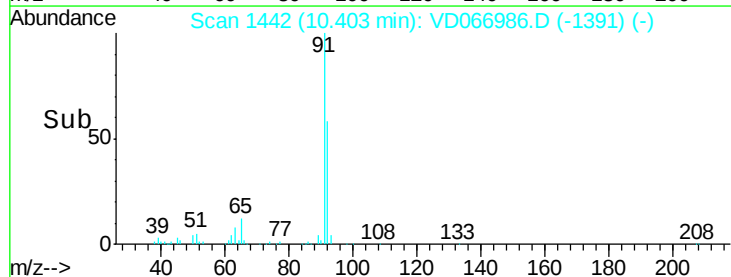
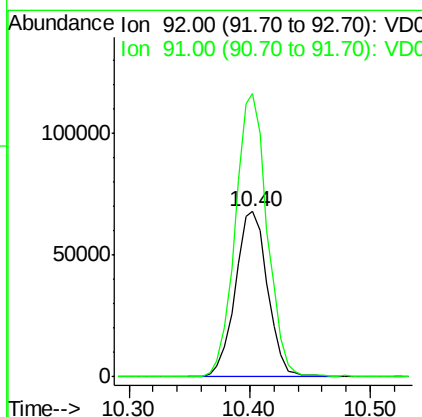
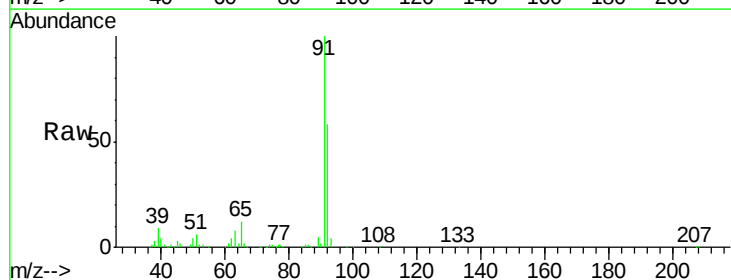
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

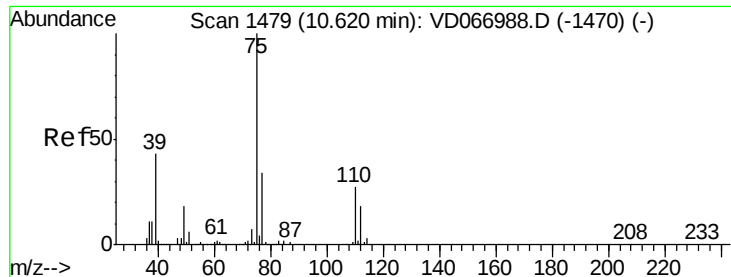
Tgt Ion: 43 Resp: 108245
 Ion Ratio Lower Upper
 43 100
 58 40.1 33.8 50.8



#52
 Toluene
 Concen: 10.493 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

Tgt Ion: 92 Resp: 126921
 Ion Ratio Lower Upper
 92 100
 91 168.3 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 10.001 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

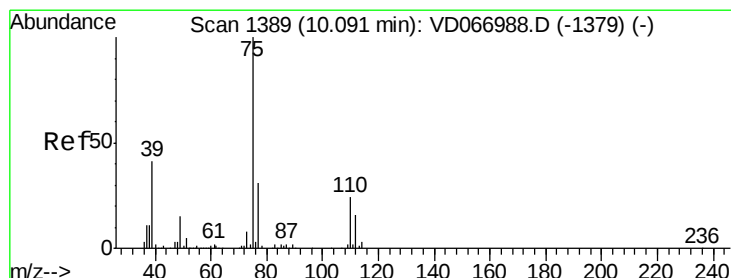
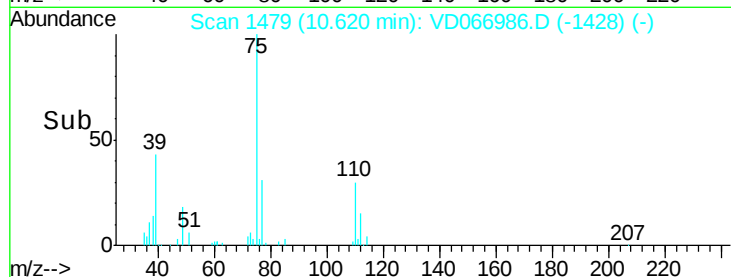
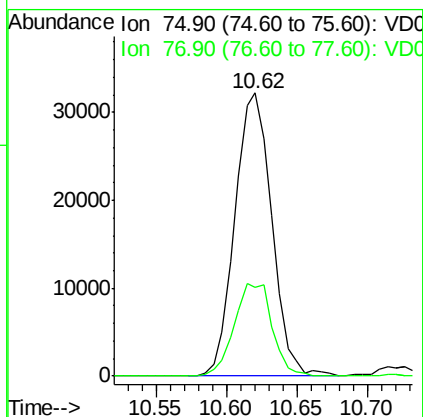
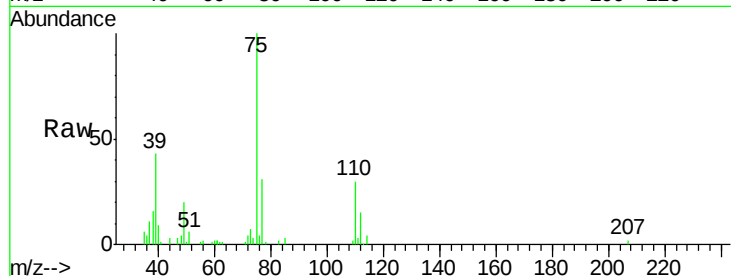
VSTDIC010

Tgt Ion: 75 Resp: 58920

Ion Ratio Lower Upper

75 100

77 31.2 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 10.259 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

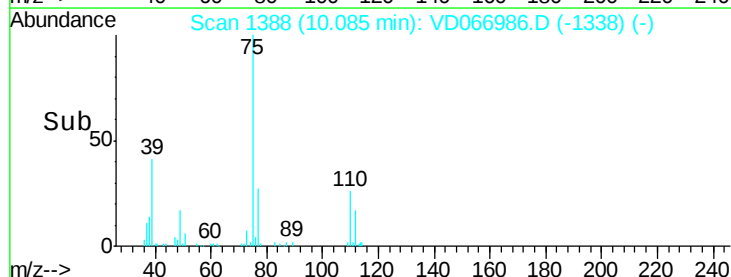
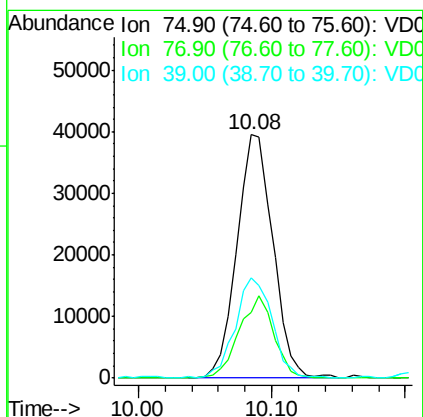
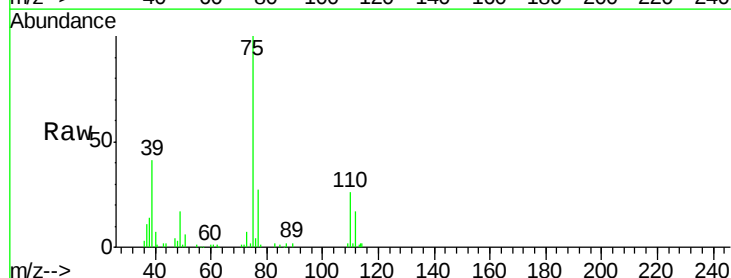
Tgt Ion: 75 Resp: 73802

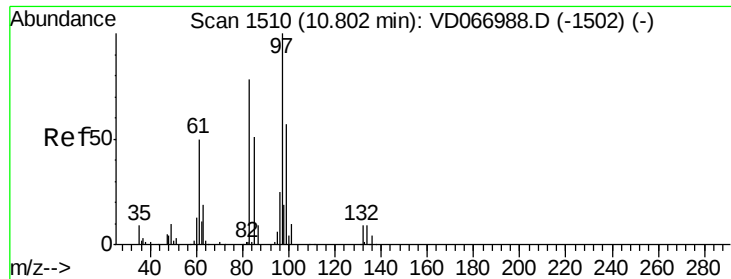
Ion Ratio Lower Upper

75 100

77 27.2 24.6 37.0

39 41.4 33.0 49.4

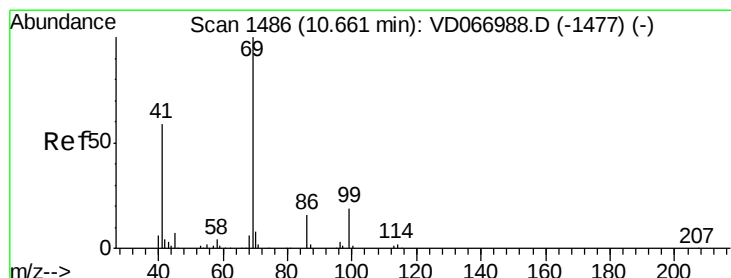
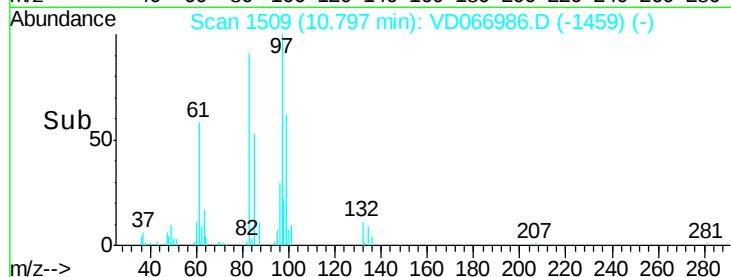
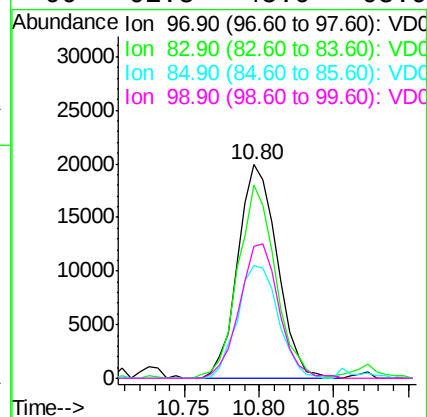
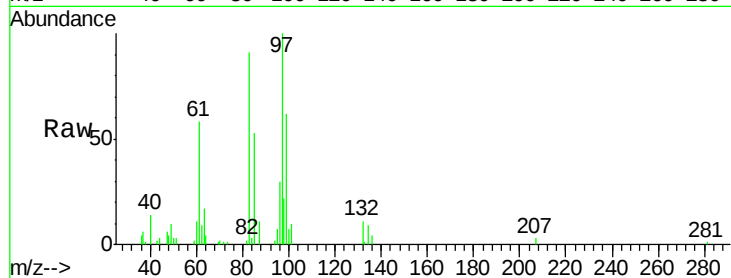




#55
 1,1,2-Trichloroethane
 Concen: 10.400 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

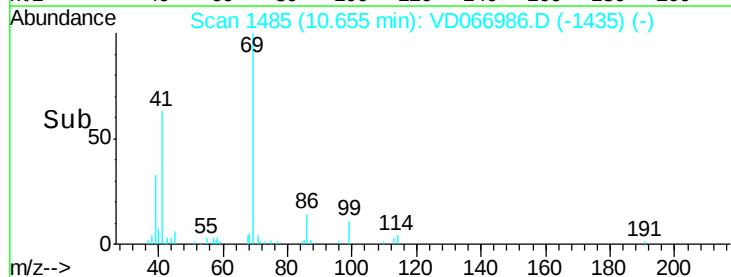
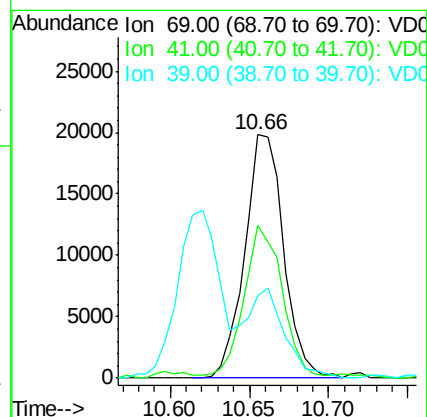
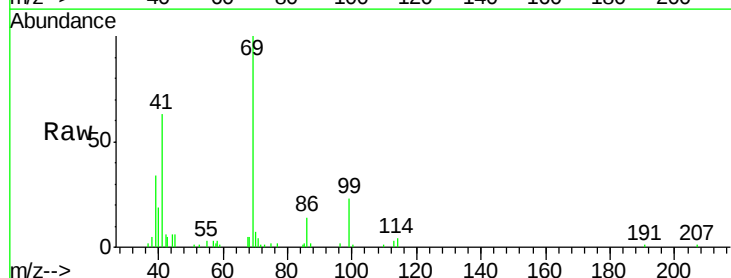
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

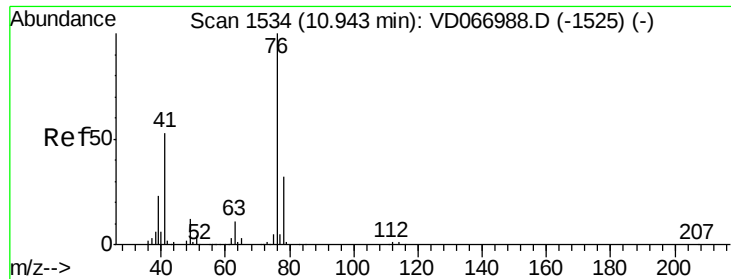
Tgt Ion:	97	Resp:	36665
Ion	Ratio	Lower	Upper
97	100		
83	90.6	62.4	93.6
85	52.8	41.0	61.4
99	61.8	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 9.313 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

Tgt Ion:	69	Resp:	33899
Ion	Ratio	Lower	Upper
69	100		
41	59.7	46.4	69.6
39	33.2	23.8	35.6

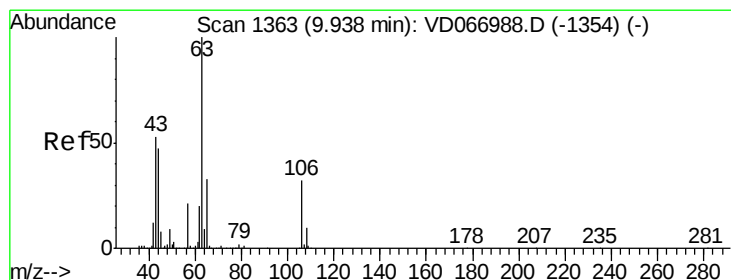
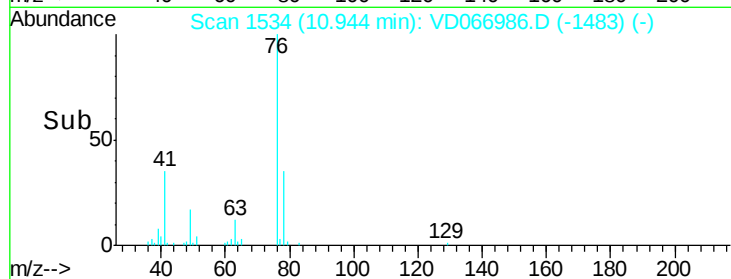
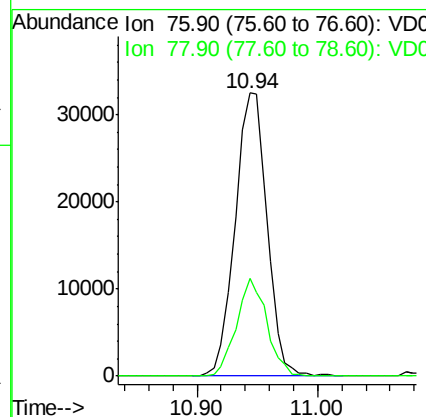
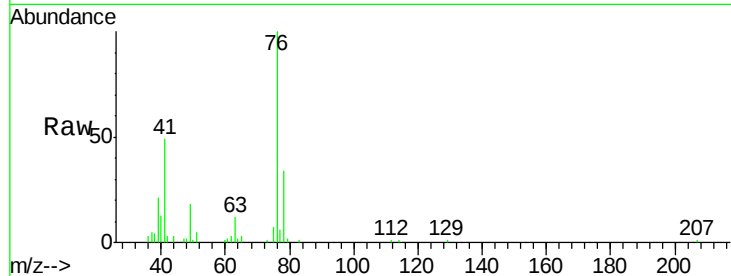




#57
 1,3-Dichloropropane
 Concen: 10.470 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

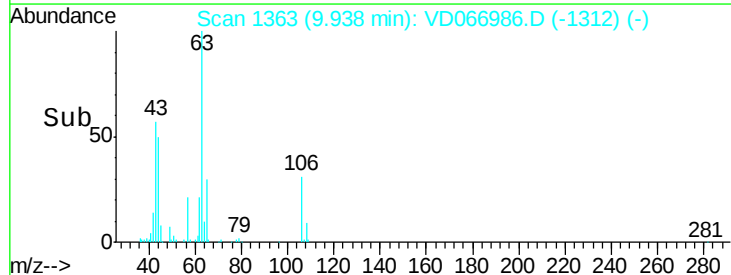
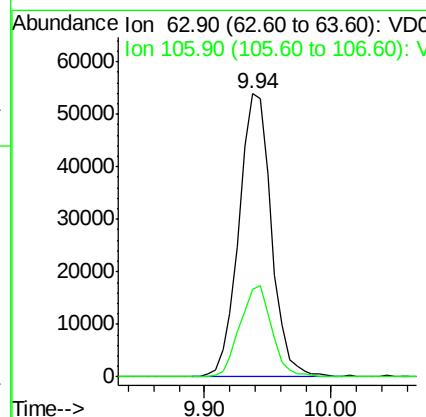
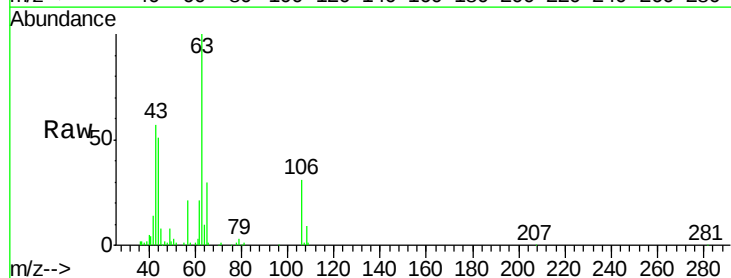
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

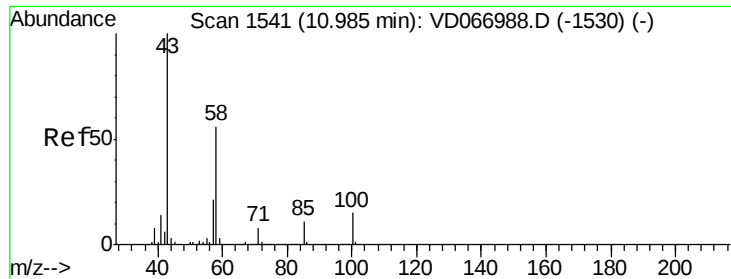
Tgt Ion: 76 Resp: 59857
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 47.183 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

Tgt Ion: 63 Resp: 95590
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.3 37.9

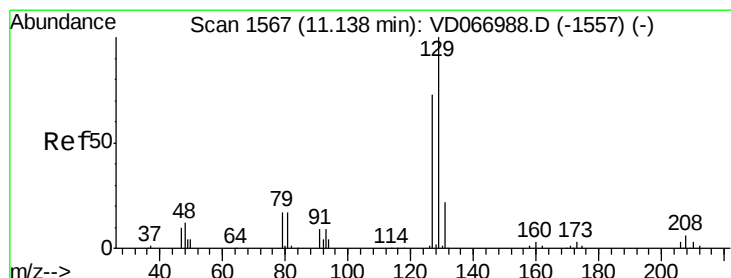
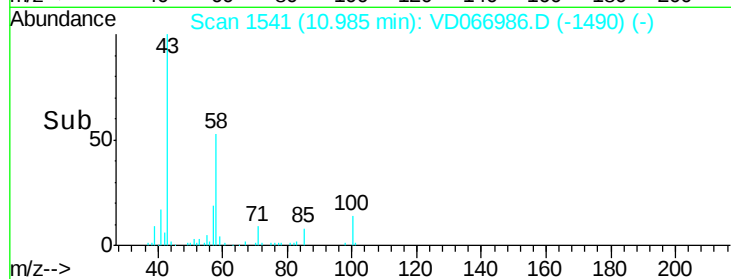
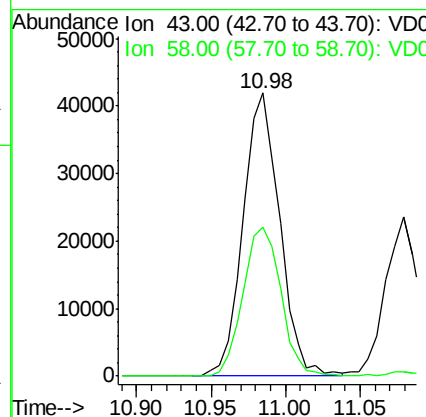
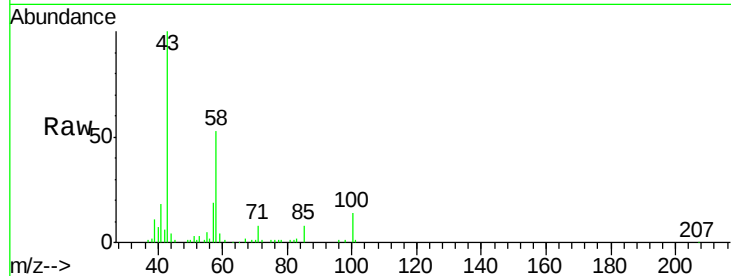




#59
2-Hexanone
Concen: 49.659 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

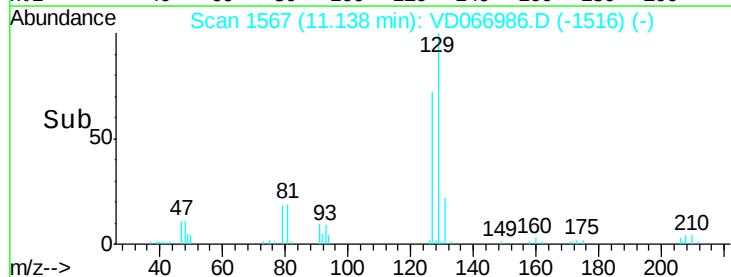
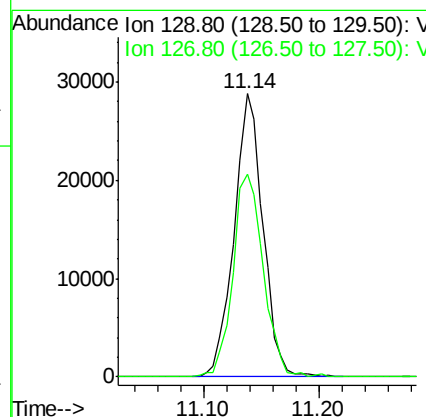
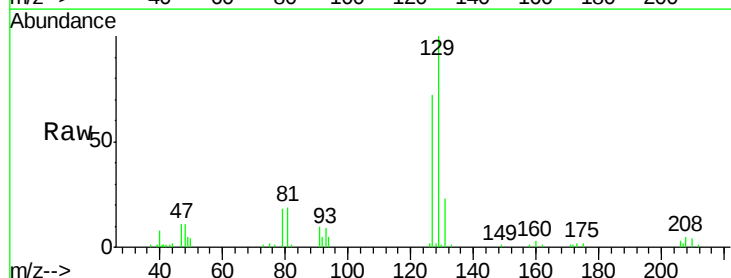
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

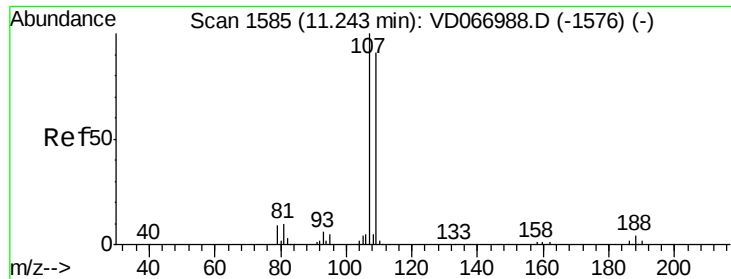
Tgt Ion: 43 Resp: 71231
Ion Ratio Lower Upper
43 100
58 54.5 28.3 84.9



#60
Dibromochloromethane
Concen: 10.569 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Tgt Ion: 129 Resp: 49665
Ion Ratio Lower Upper
129 100
127 75.9 37.4 112.1

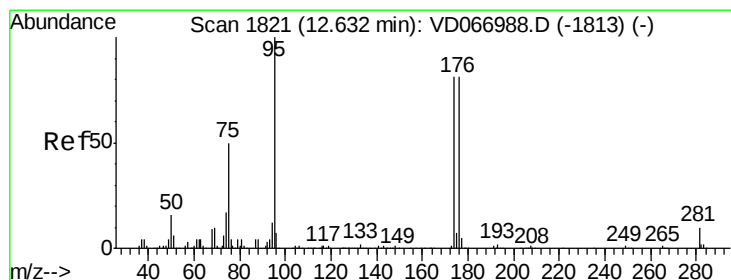
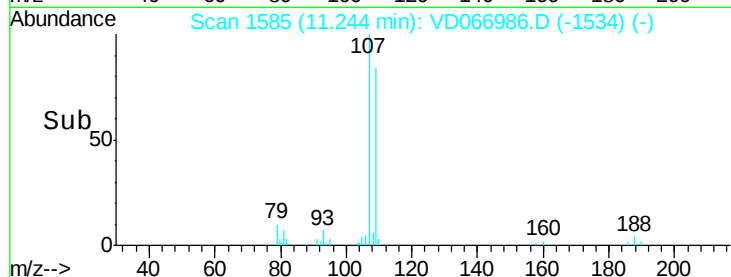
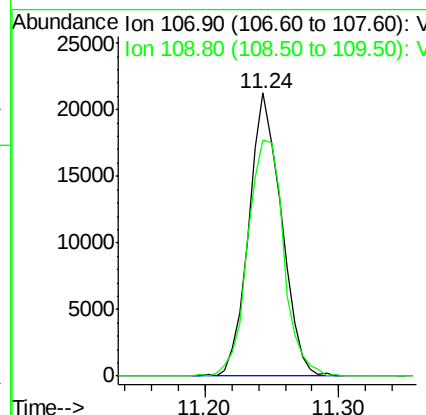
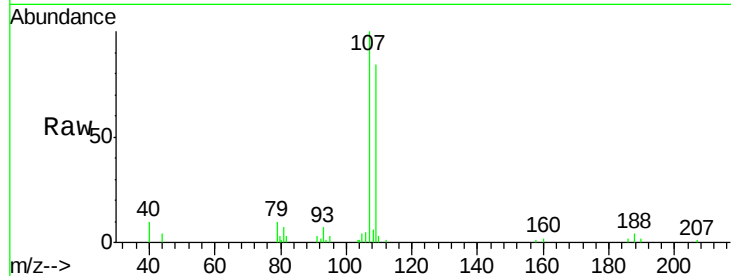




#61
 1,2-Dibromoethane
 Concen: 10.555 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

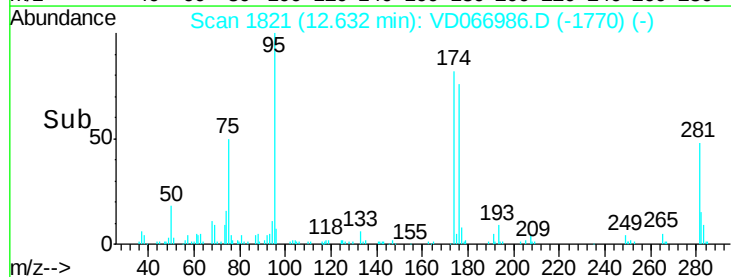
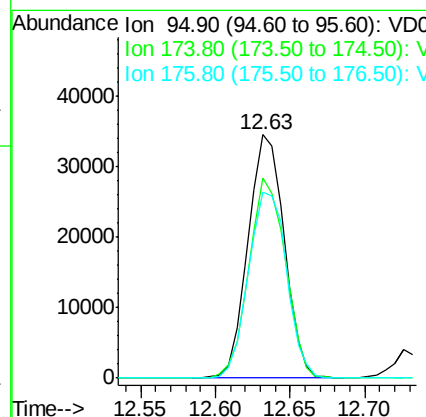
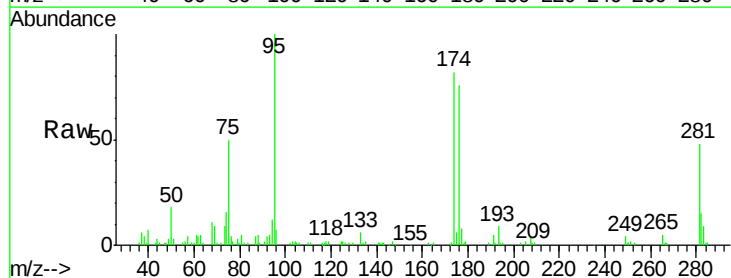
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

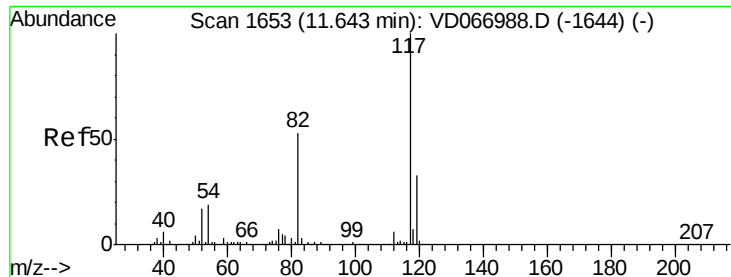
Tgt Ion: 107 Resp: 35750
 Ion Ratio Lower Upper
 107 100
 109 92.0 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 9.870 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

Tgt Ion: 95 Resp: 57975
 Ion Ratio Lower Upper
 95 100
 174 83.2 0.0 167.6
 176 80.4 0.0 162.4

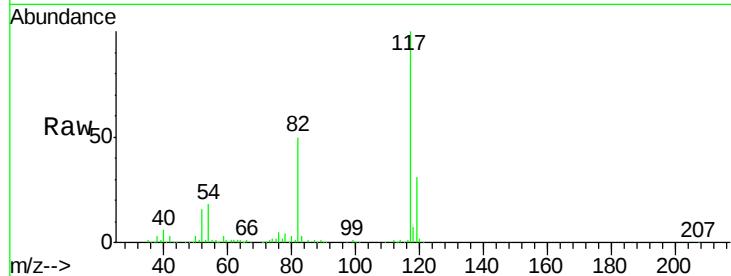




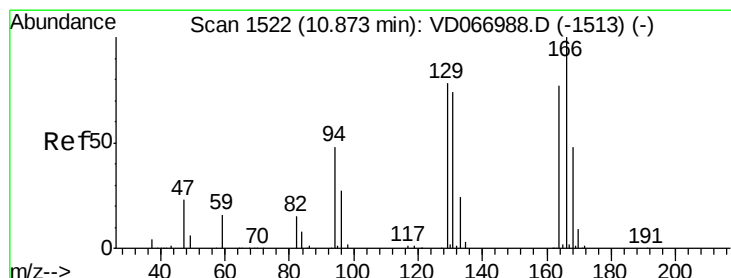
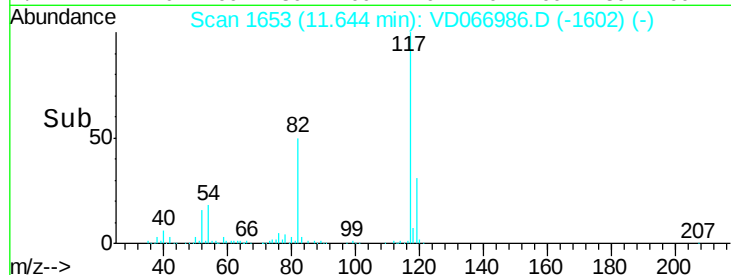
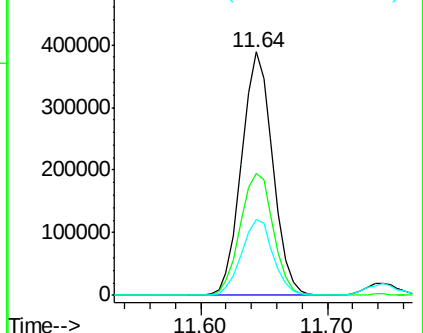
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 665442
Ion Ratio Lower Upper
117 100
82 50.1 42.6 63.8
119 31.3 26.3 39.5

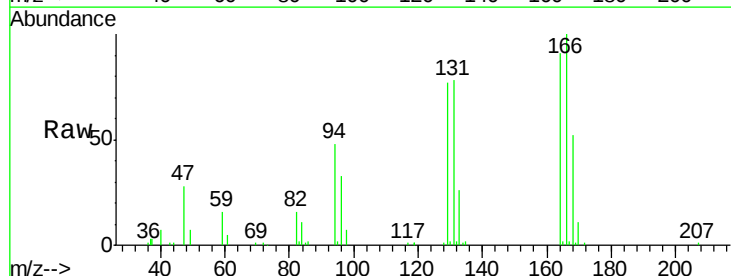


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

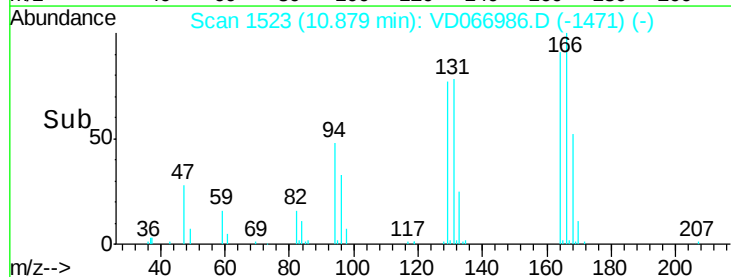
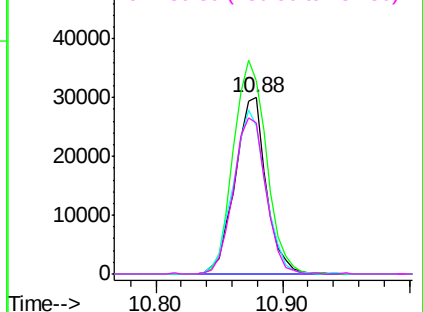


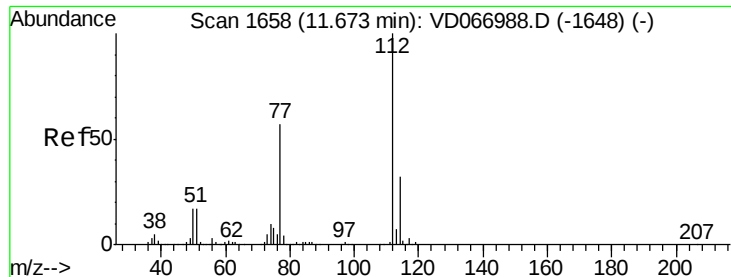
#64
Tetrachloroethene
Concen: 10.552 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Tgt Ion:164 Resp: 51050
Ion Ratio Lower Upper
164 100
166 109.5 104.4 156.6
129 83.9 81.3 121.9
131 85.3 77.1 115.7



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





#65

Chlorobenzene

Concen: 10.346 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

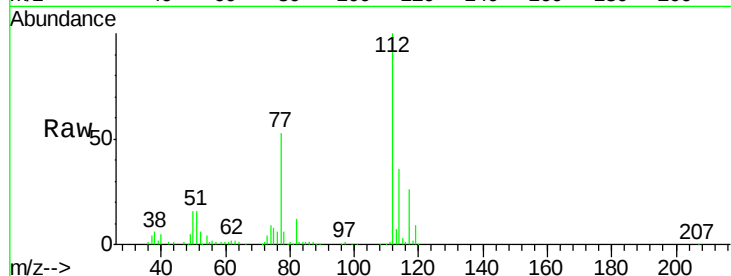
VSTDIC010

Tgt Ion:112 Resp: 136930

Ion Ratio Lower Upper

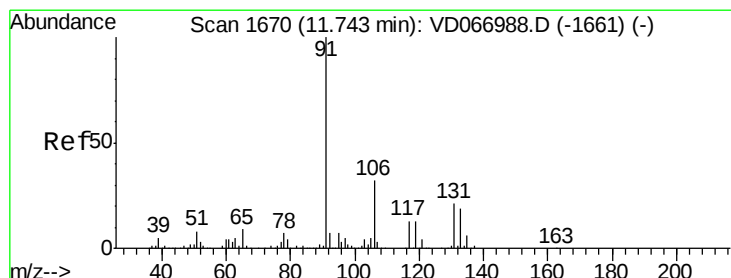
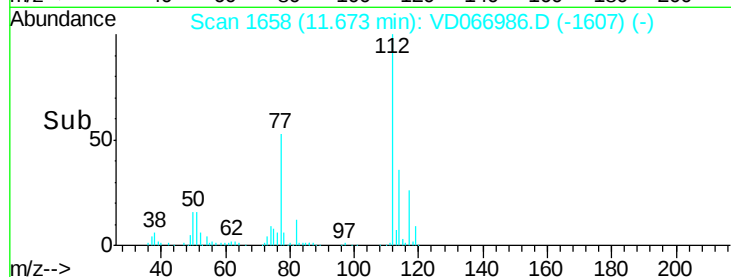
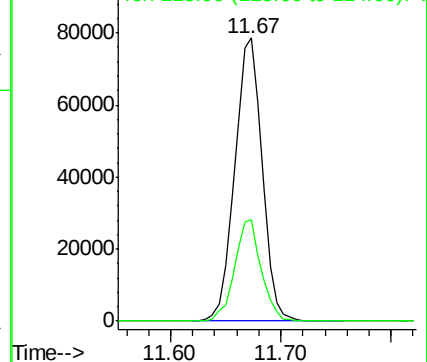
112 100

114 36.1 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 10.533 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

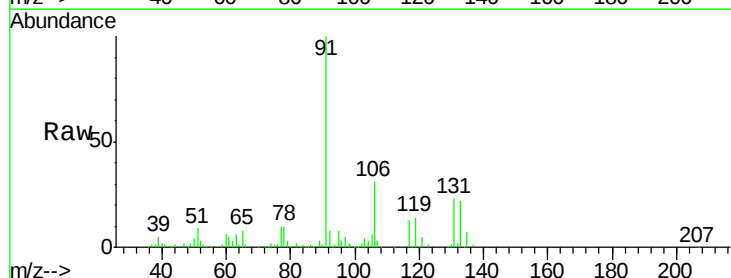
Tgt Ion:131 Resp: 53026

Ion Ratio Lower Upper

131 100

133 97.0 47.8 143.3

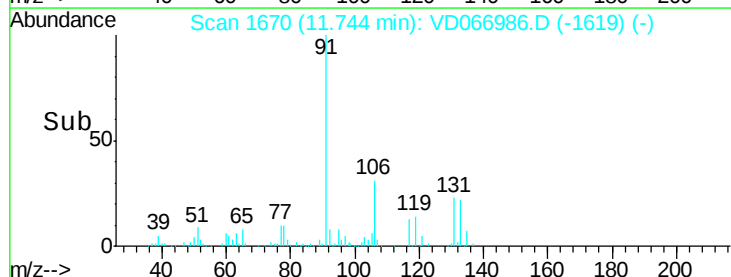
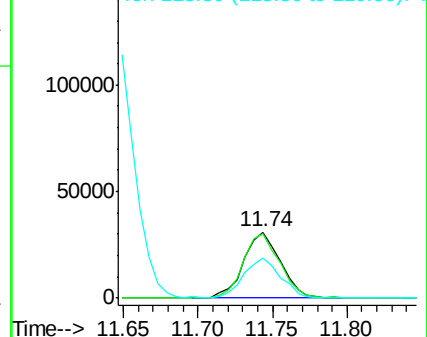
119 60.8 32.3 96.8

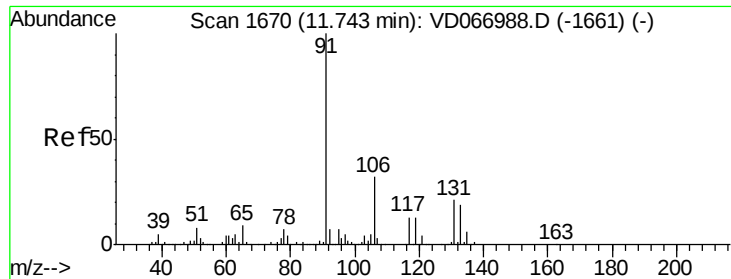


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

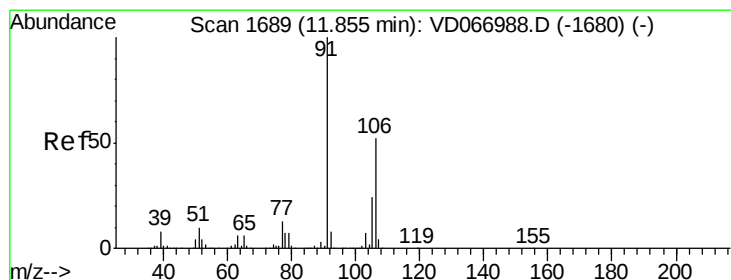
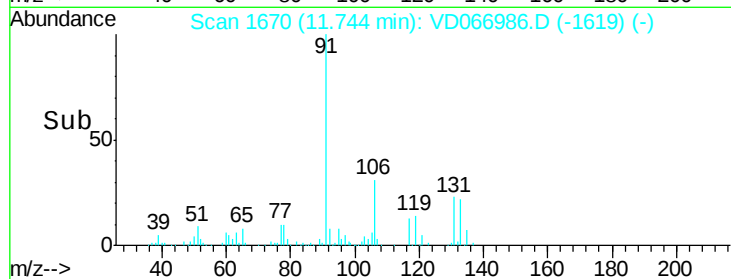
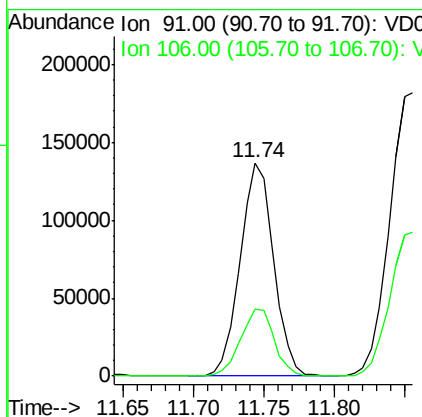
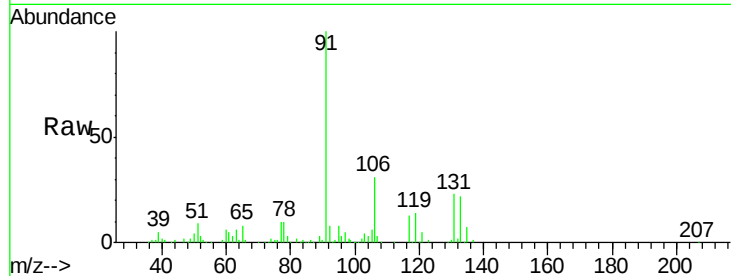




#67
Ethyl Benzene
Concen: 10.041 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

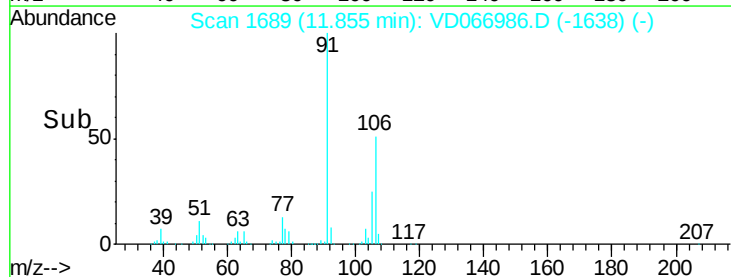
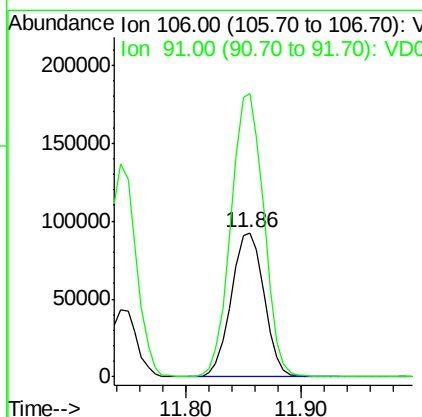
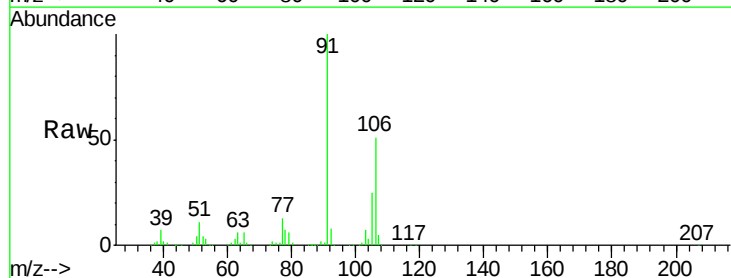
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

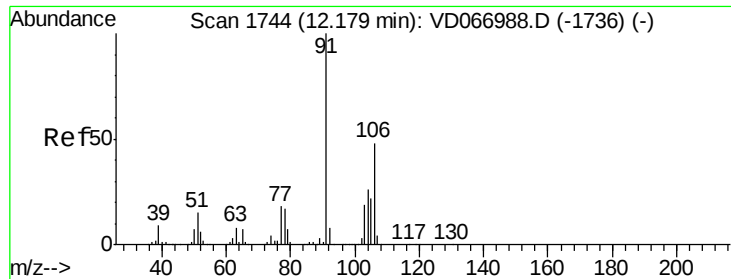
Tgt Ion: 91 Resp: 227700
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.2



#68
m/p-Xylenes
Concen: 20.657 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Tgt Ion: 106 Resp: 182557
Ion Ratio Lower Upper
106 100
91 195.8 158.4 237.6

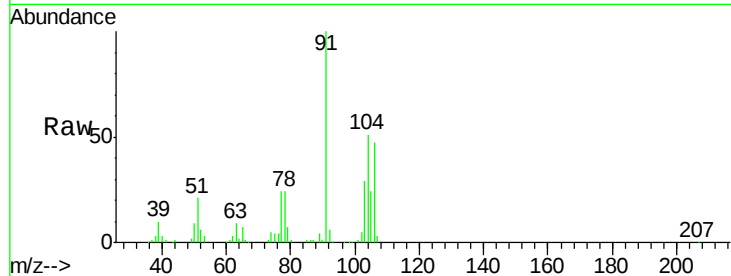




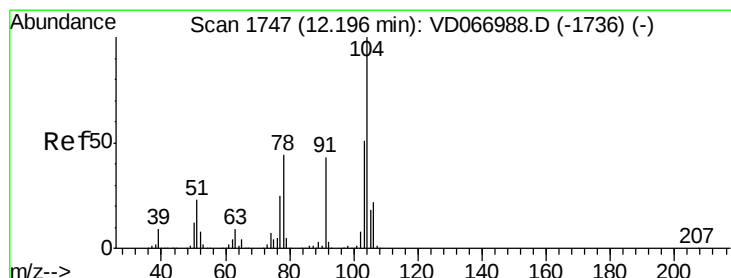
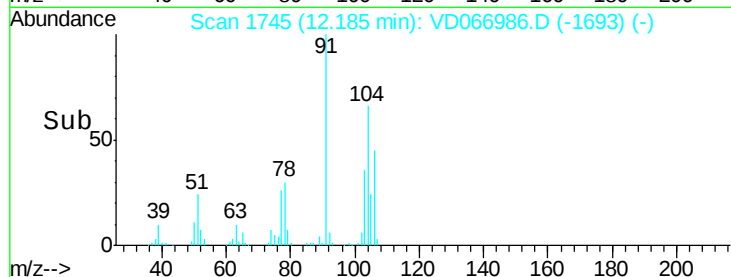
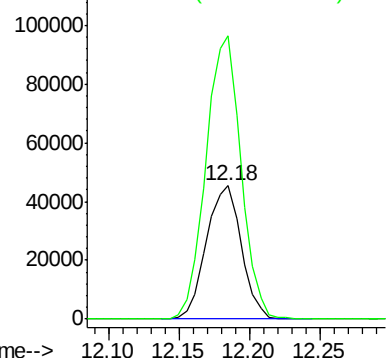
#69
o-Xylene
Concen: 9.988 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 78933
Ion Ratio Lower Upper
106 100
91 212.1 102.4 307.2

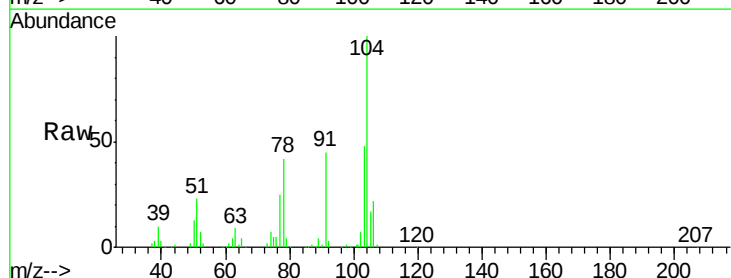


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

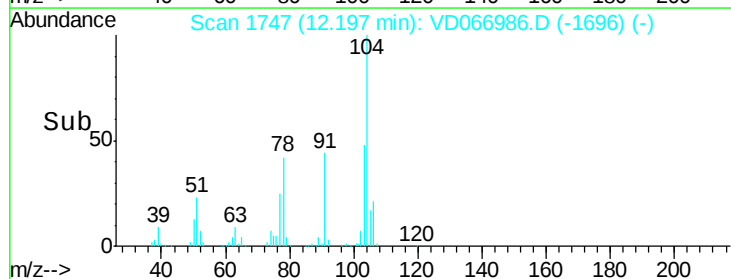
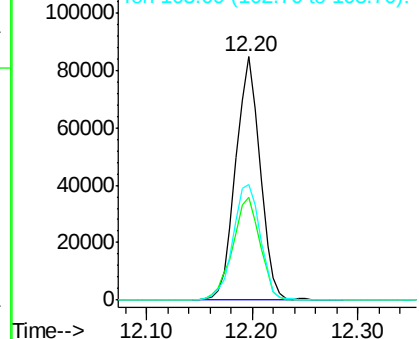


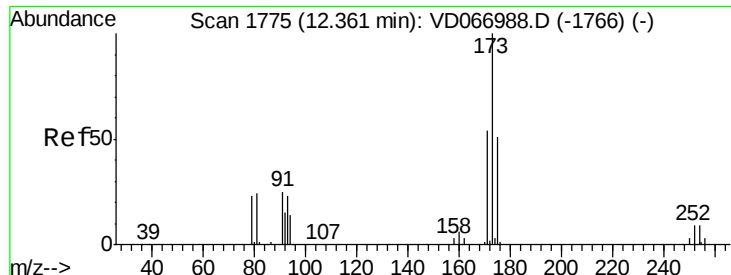
#70
Styrene
Concen: 9.957 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Tgt Ion:104 Resp: 135118
Ion Ratio Lower Upper
104 100
78 47.4 38.6 58.0
103 53.2 43.4 65.0



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

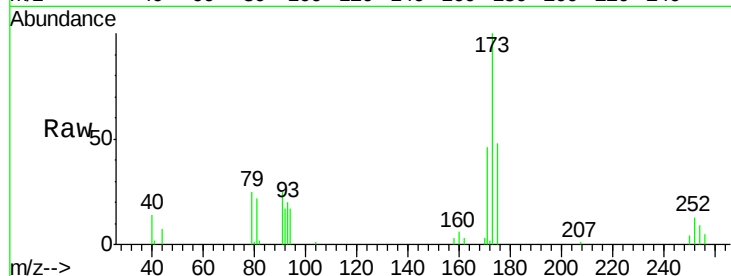




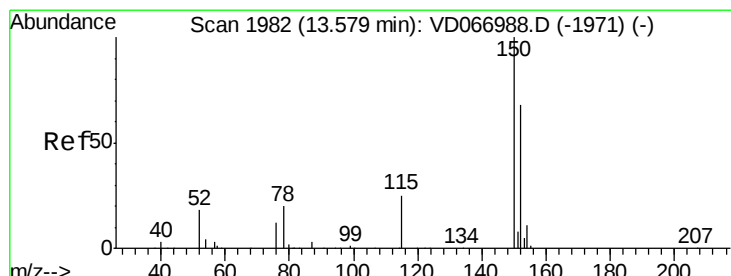
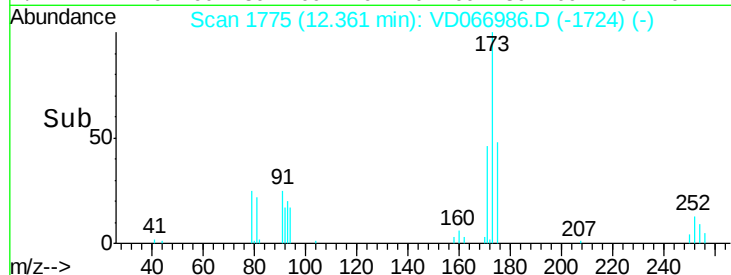
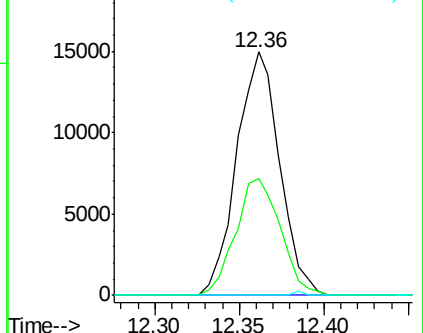
#71
Bromoform
Concen: 10.133 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 26480
Ion Ratio Lower Upper
173 100
175 50.0 24.9 74.7
254 0.0 0.2 0.4#

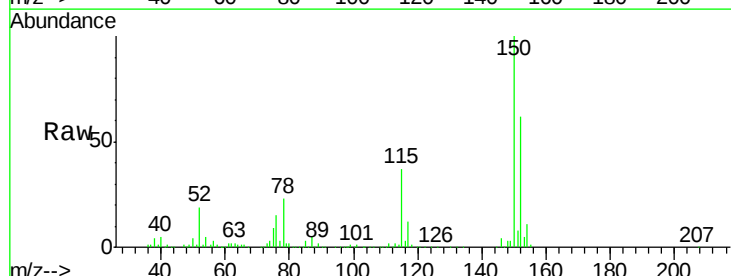


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

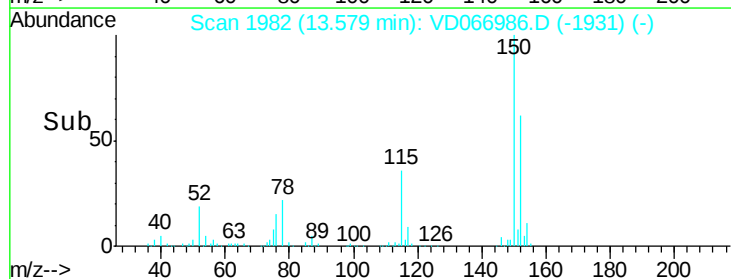
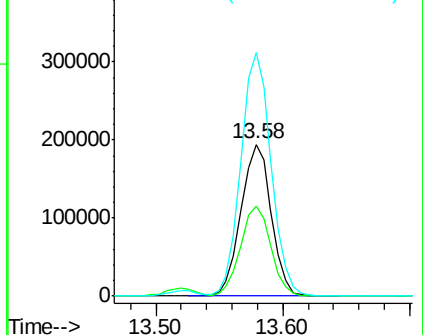


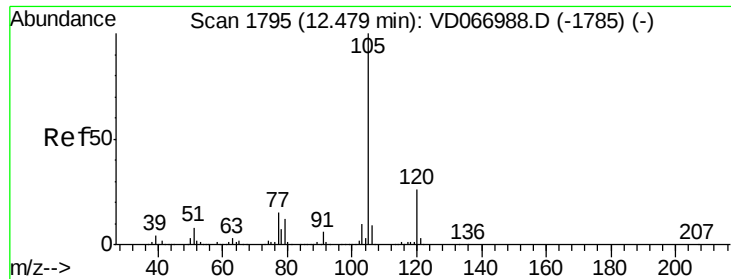
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Tgt Ion:152 Resp: 320289
Ion Ratio Lower Upper
152 100
115 59.5 29.6 88.8
150 161.1 0.0 344.8



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: 9.839 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

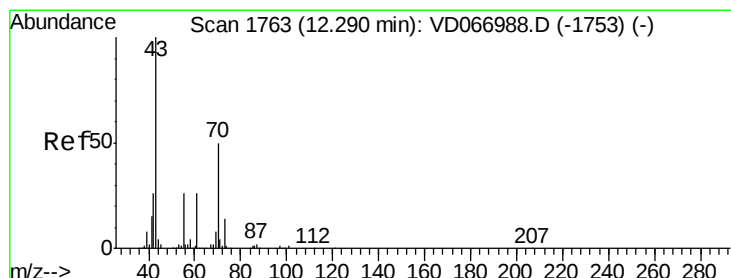
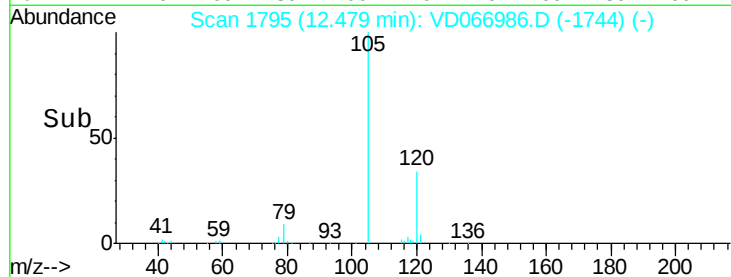
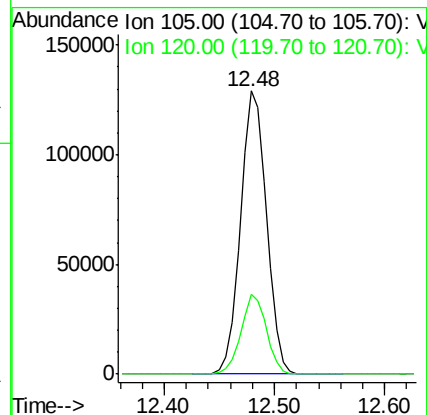
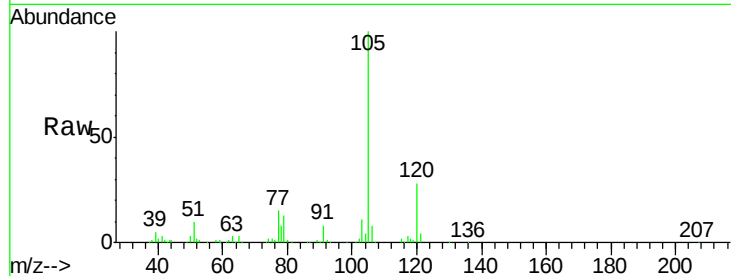
VSTDIC010

Tgt Ion:105 Resp: 213969

Ion Ratio Lower Upper

105 100

120 27.5 13.3 39.9



#74

N-ethyl acetate

Concen: 9.596 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Tgt Ion: 43 Resp: 37516

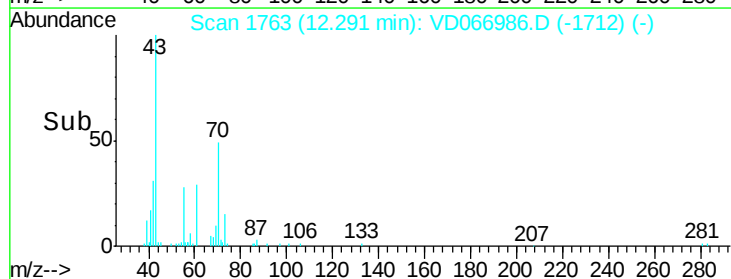
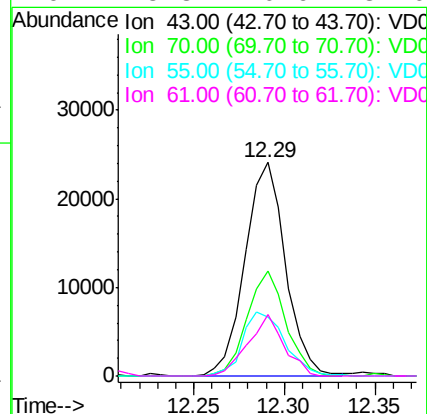
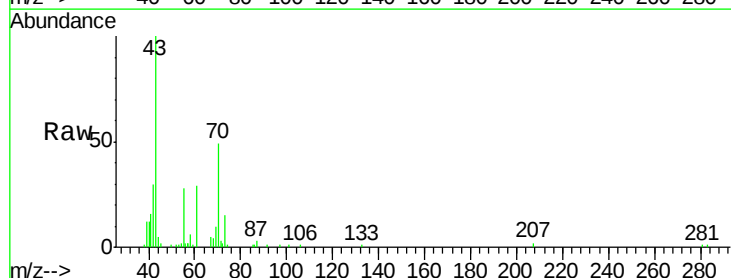
Ion Ratio Lower Upper

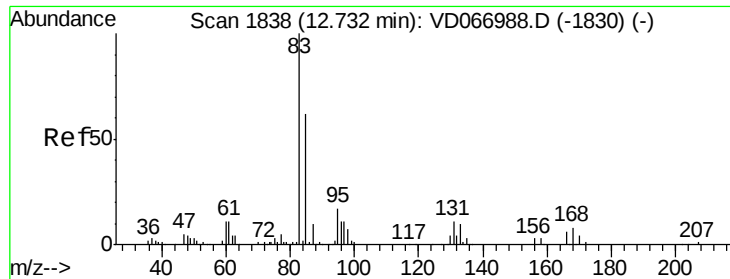
43 100

70 46.8 38.2 57.2

55 31.5 22.4 33.6

61 25.3 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 10.696 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

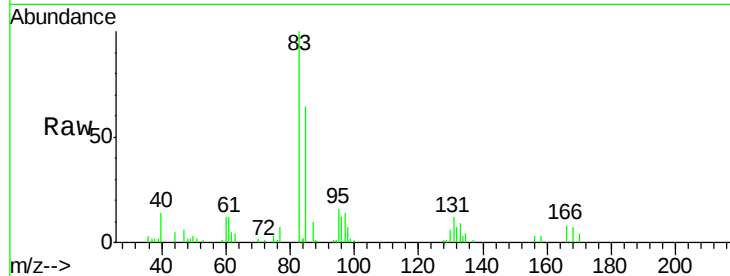
Tgt Ion: 83 Resp: 39193

Ion Ratio Lower Upper

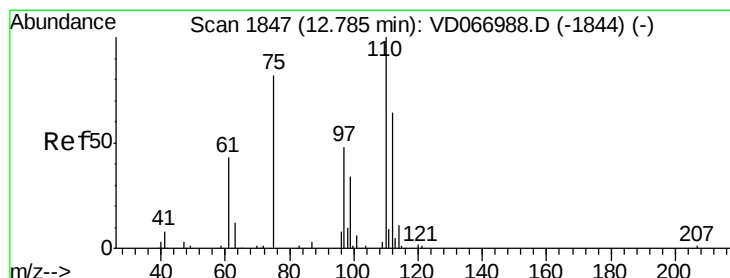
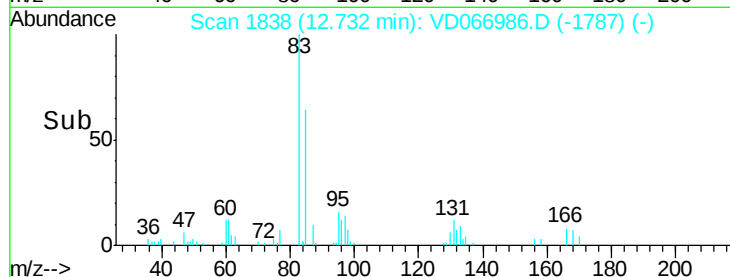
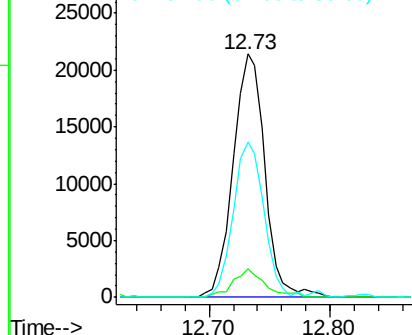
83 100

131 11.7 5.7 17.0

85 61.9 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 17.825 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066986.D

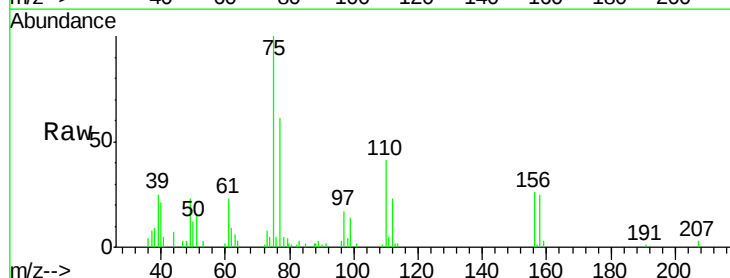
Acq: 01 Oct 2020 11:53

Tgt Ion: 75 Resp: 48664

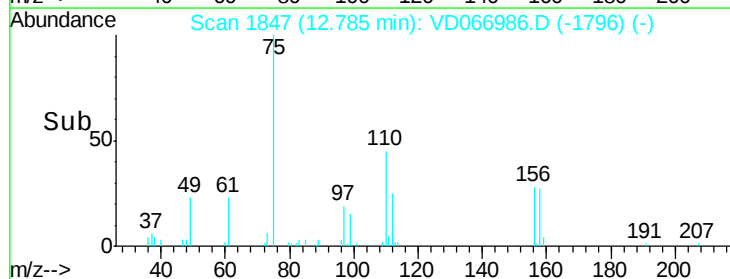
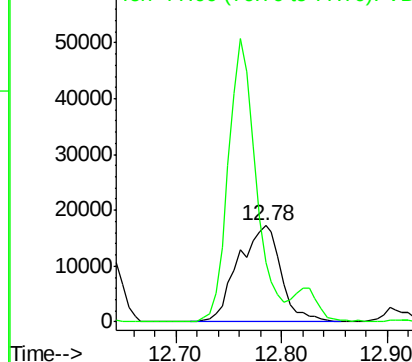
Ion Ratio Lower Upper

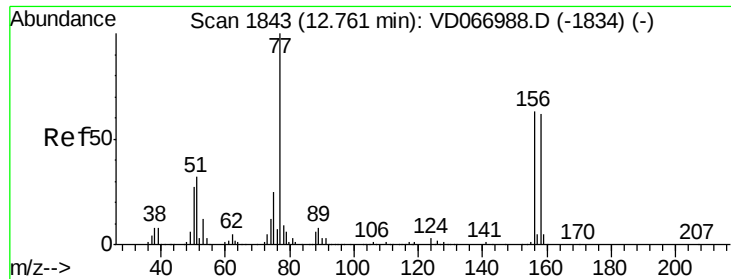
75 100

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

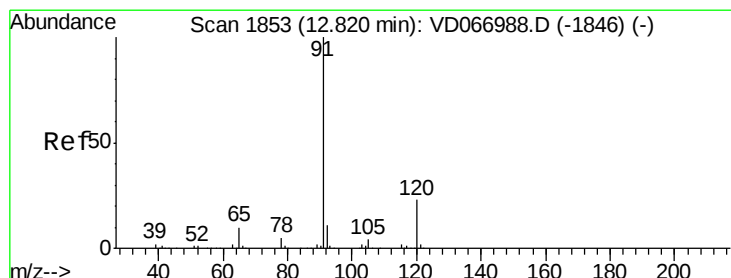
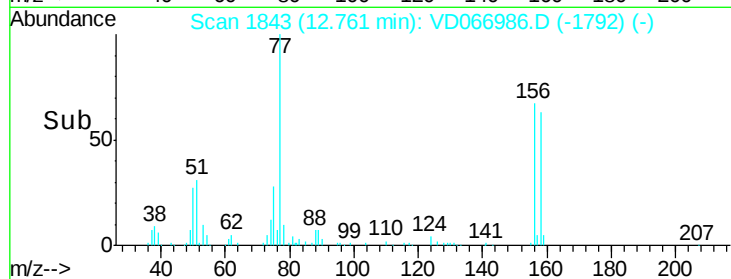
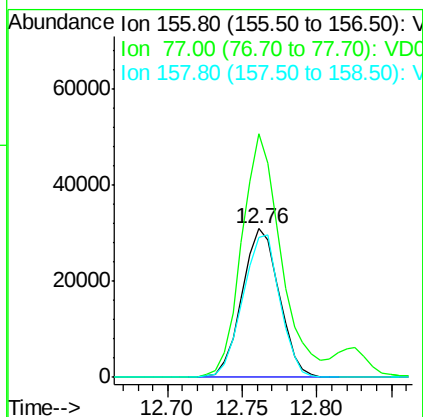
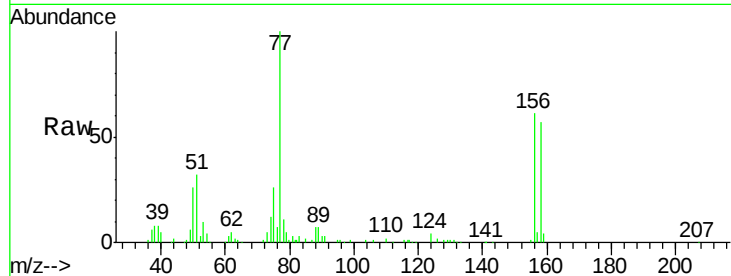




#77
Bromobenzene
Concen: 10.160 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

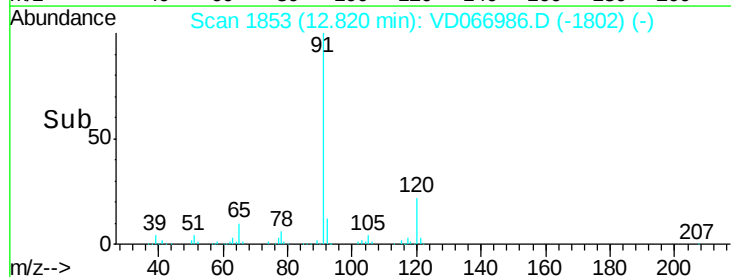
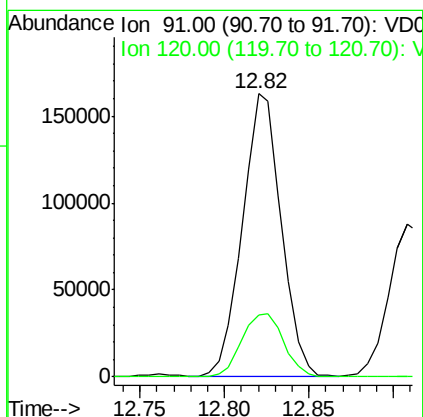
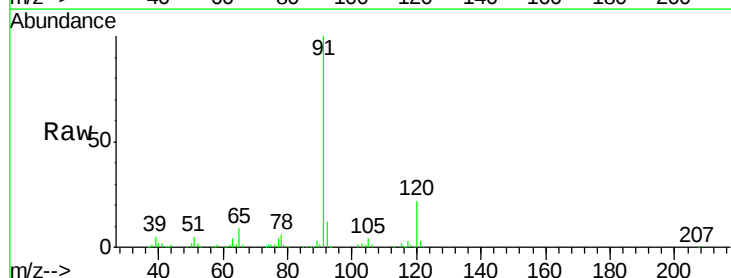
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

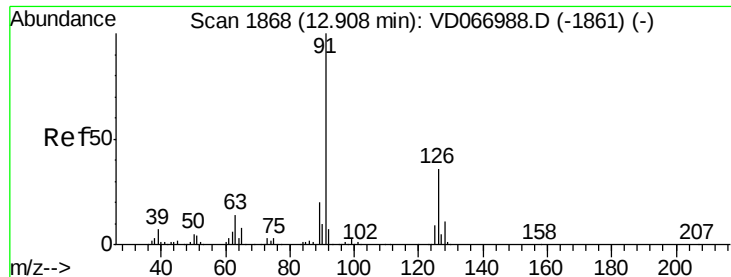
Tgt Ion:156 Resp: 53352
Ion Ratio Lower Upper
156 100
77 173.0 86.3 258.8
158 95.6 49.5 148.3



#78
n-propylbenzene
Concen: 10.059 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Tgt Ion: 91 Resp: 258531
Ion Ratio Lower Upper
91 100
120 24.0 11.6 34.8





#79

2-Chlorotoluene

Concen: 10.134 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

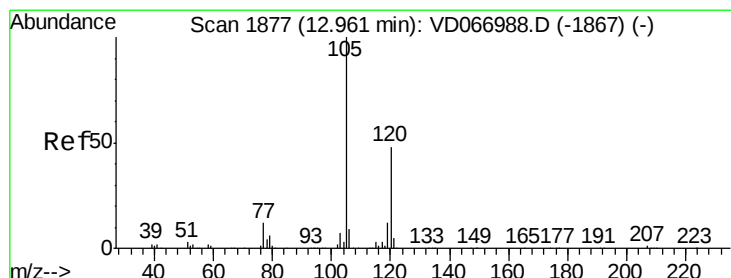
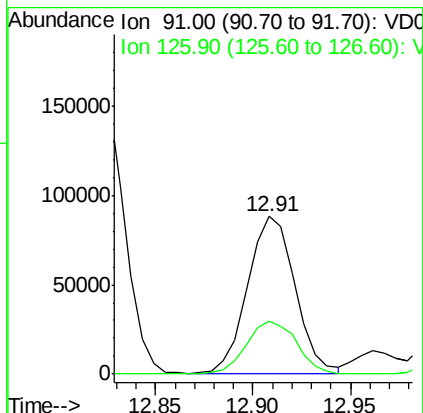
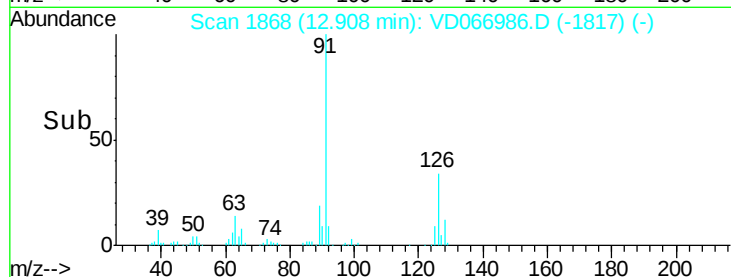
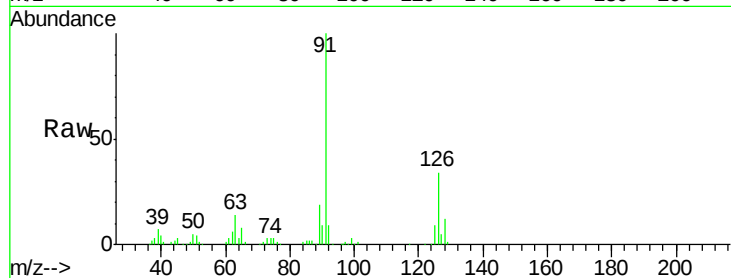
VSTDIC010

Tgt Ion: 91 Resp: 149030

Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 10.138 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066986.D

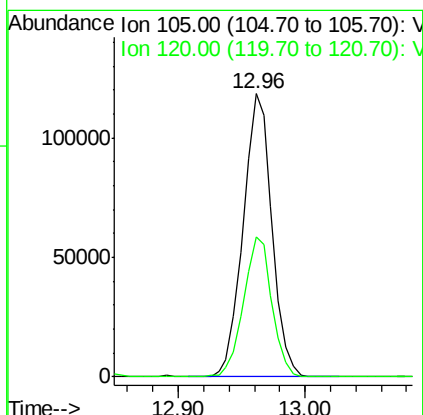
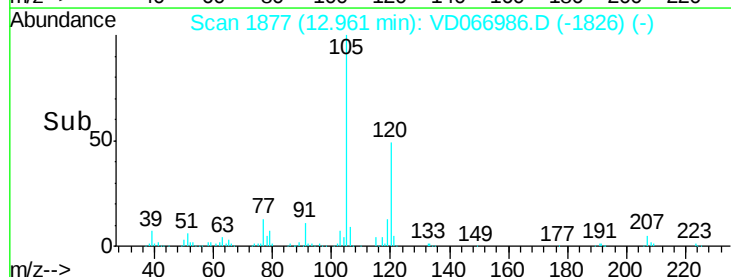
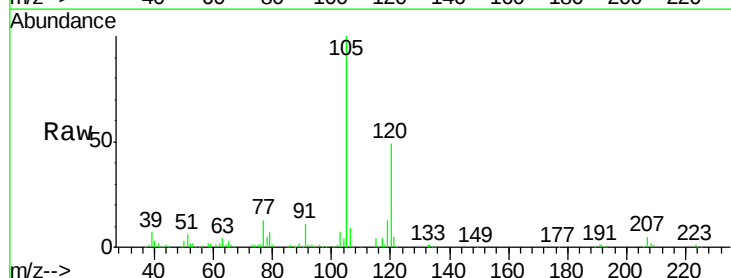
Acq: 01 Oct 2020 11:53

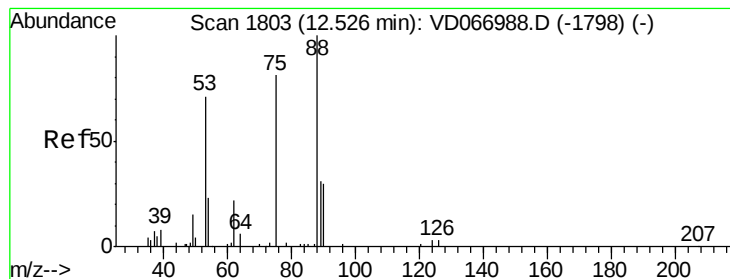
Tgt Ion: 105 Resp: 186280

Ion Ratio Lower Upper

105 100

120 48.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 10.026 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

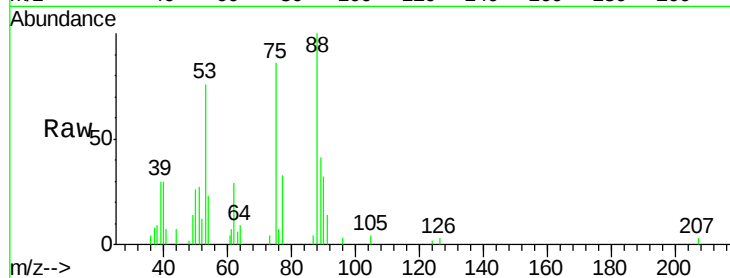
Tgt Ion: 75 Resp: 11219

Ion Ratio Lower Upper

75 100

53 94.5 73.8 110.6

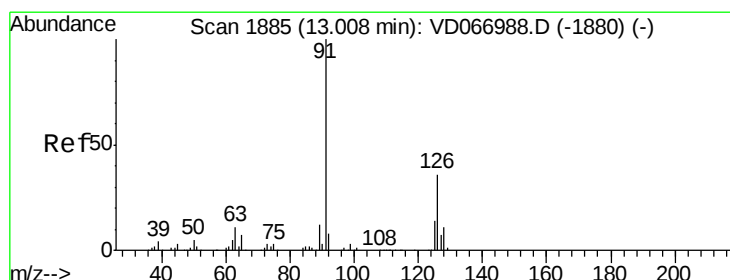
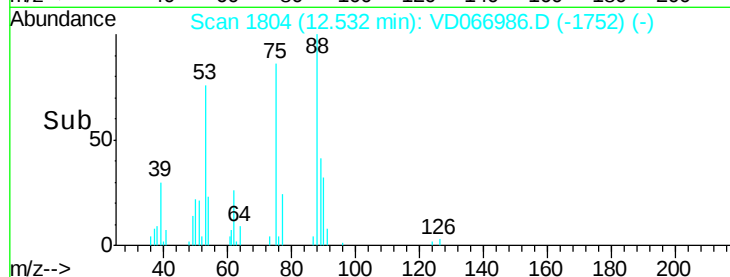
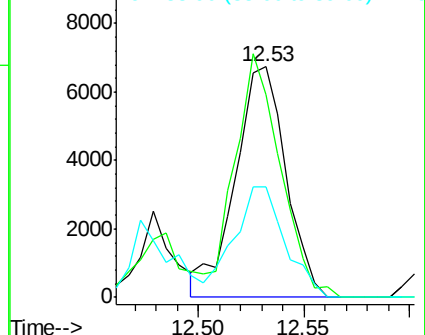
89 48.6 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 10.481 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066986.D

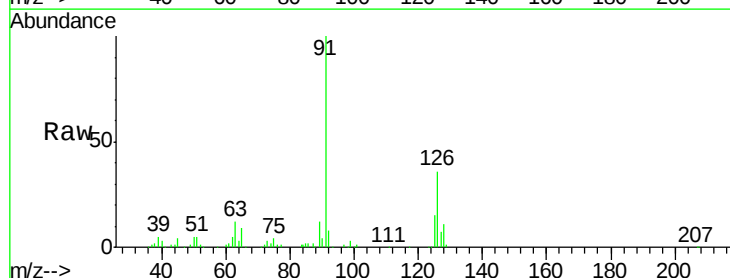
Acq: 01 Oct 2020 11:53

Tgt Ion: 91 Resp: 163981

Ion Ratio Lower Upper

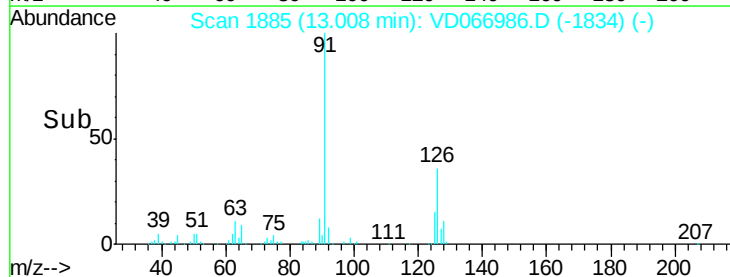
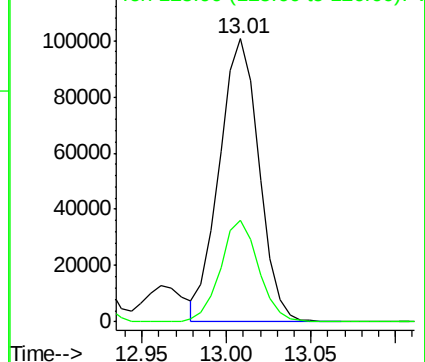
91 100

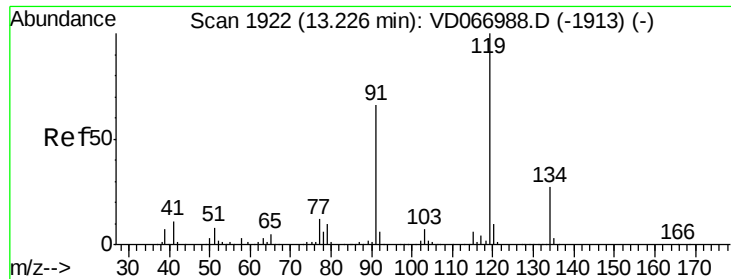
126 34.6 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

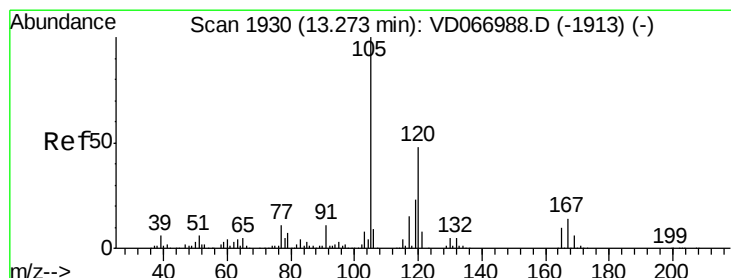
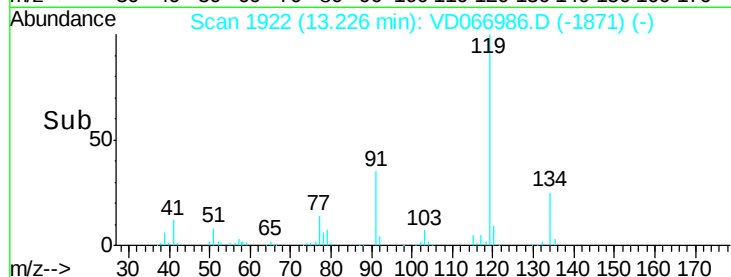
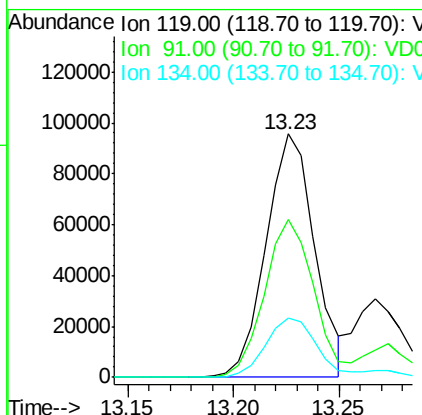
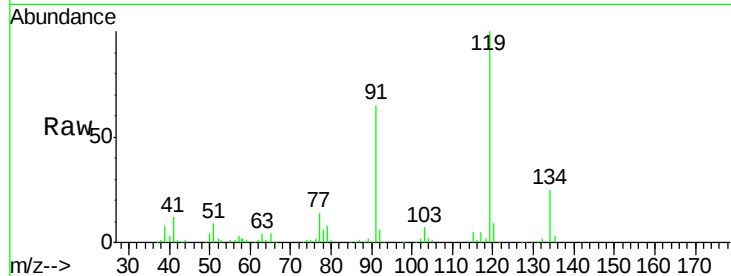




#83
 tert-Butylbenzene
 Concen: 9.902 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

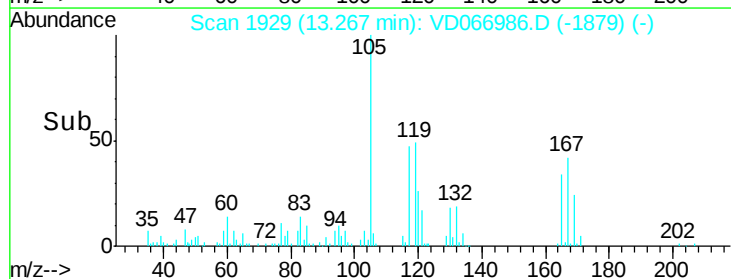
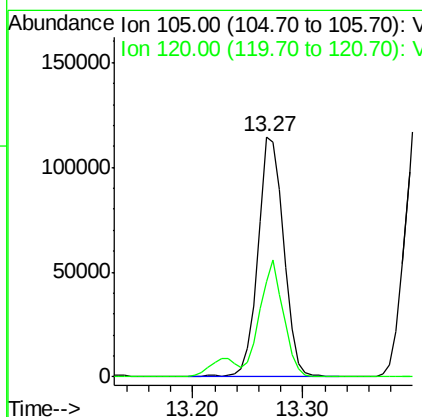
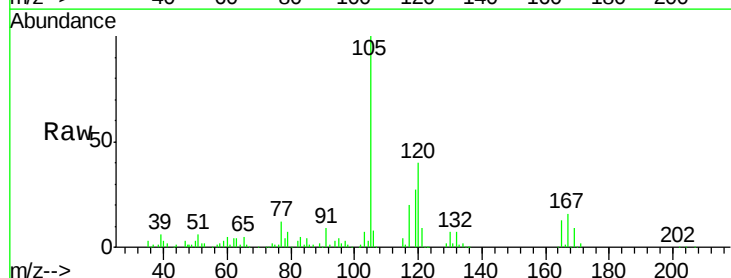
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

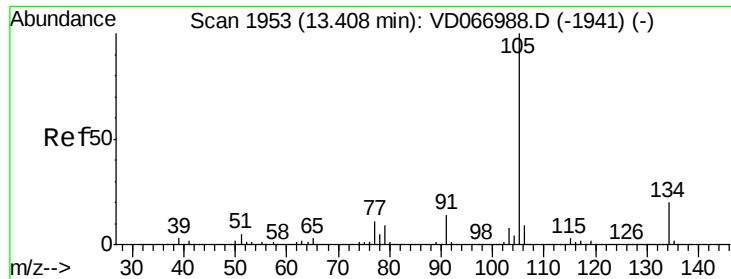
Tgt Ion:119 Resp: 153218
 Ion Ratio Lower Upper
 119 100
 91 66.2 32.8 98.3
 134 25.4 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 10.235 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

Tgt Ion:105 Resp: 187675
 Ion Ratio Lower Upper
 105 100
 120 44.5 23.3 69.8

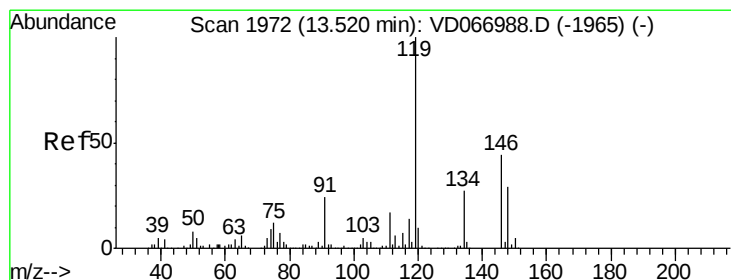
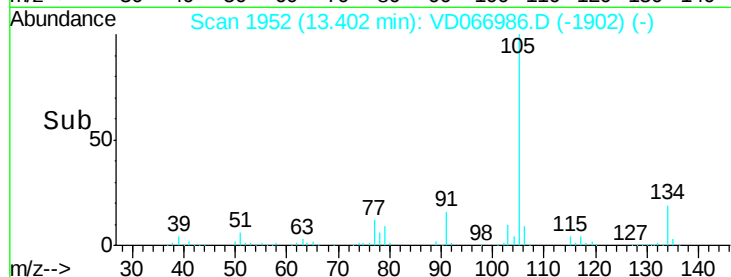
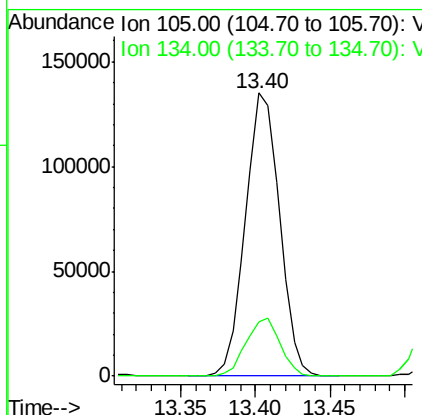
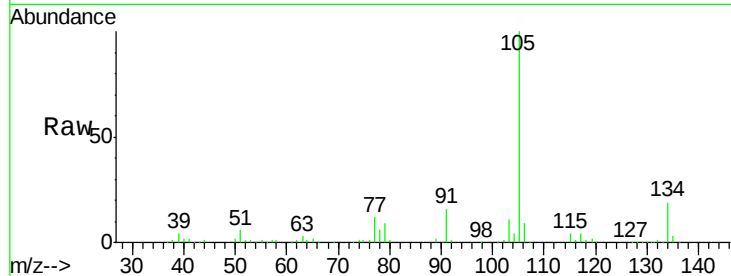




#85
 sec-Butylbenzene
 Concen: 9.837 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

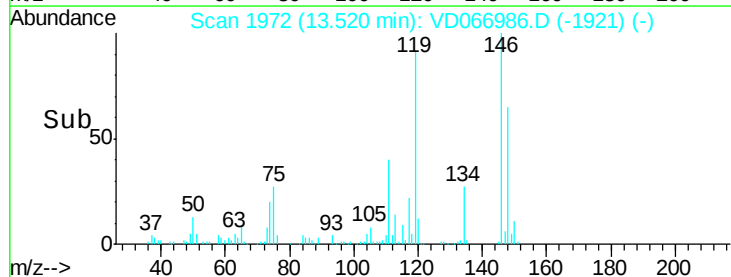
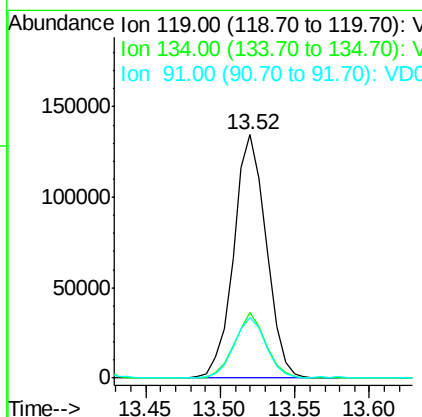
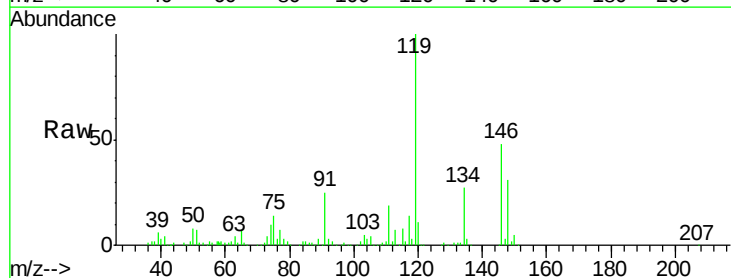
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

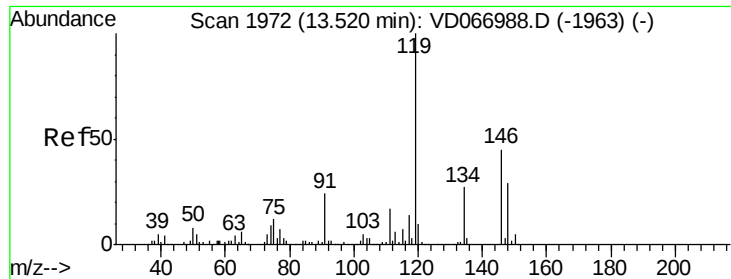
Tgt Ion:105 Resp: 214359
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 10.092 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

Tgt Ion:119 Resp: 203867
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 24.5 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 10.634 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

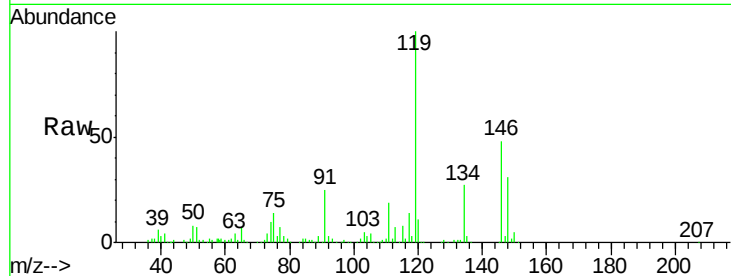
Tgt Ion:146 Resp: 108774

Ion Ratio Lower Upper

146 100

111 39.9 20.0 60.0

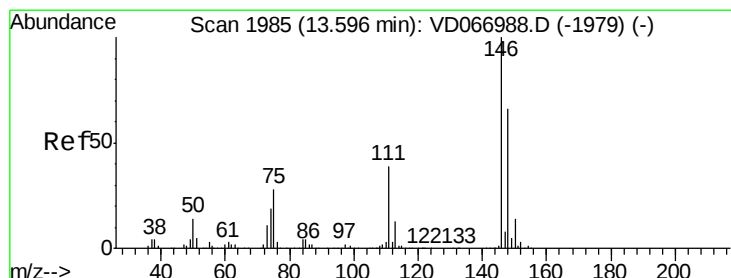
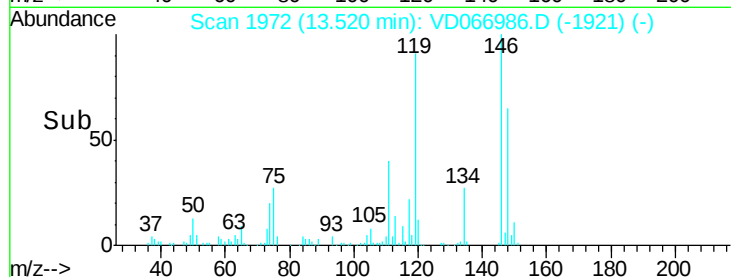
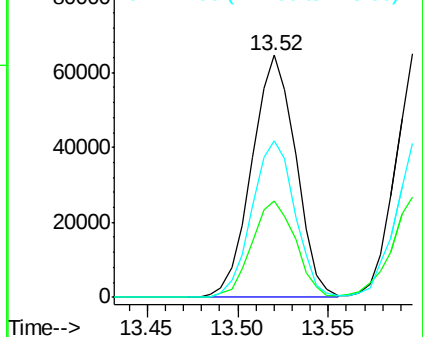
148 63.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 10.576 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

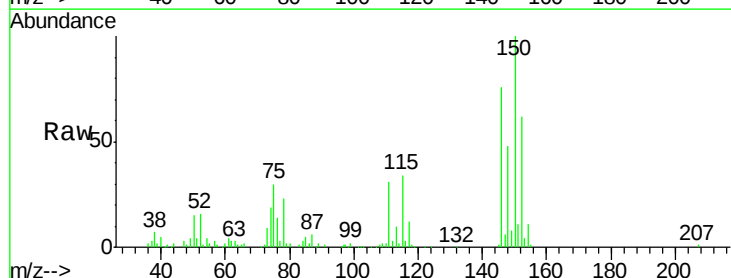
Tgt Ion:146 Resp: 108166

Ion Ratio Lower Upper

146 100

111 41.5 19.6 58.7

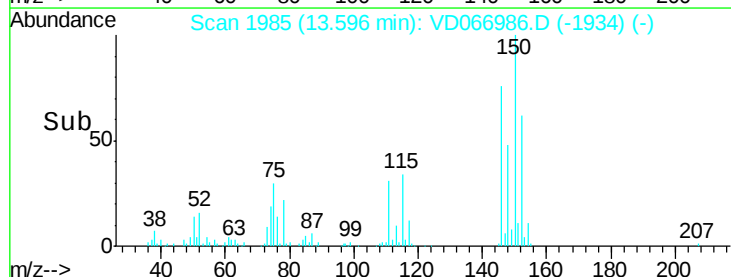
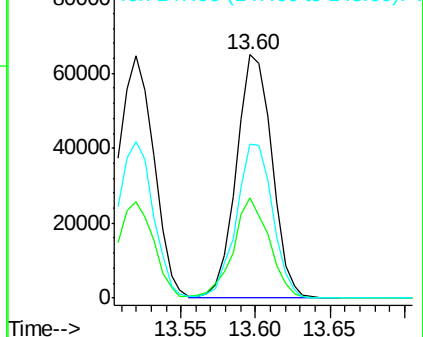
148 64.4 32.6 97.7

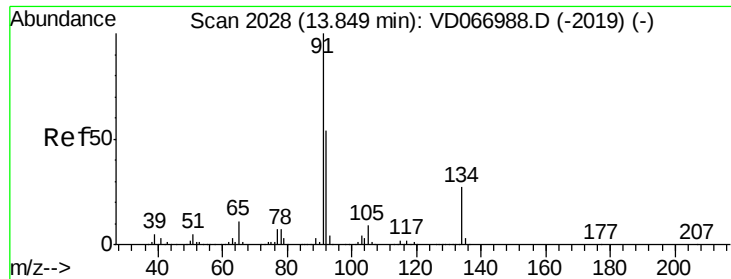


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

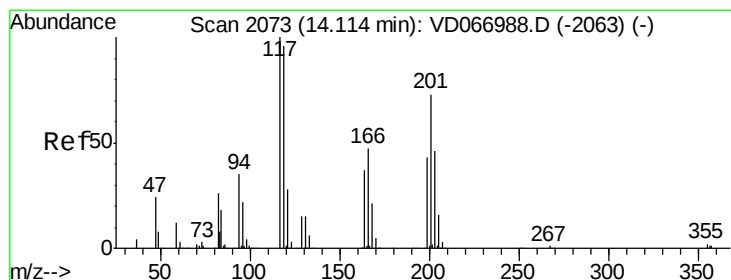
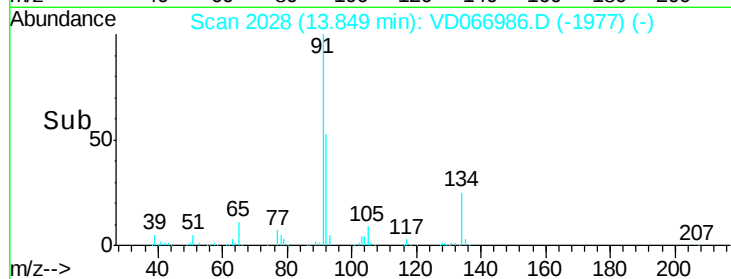
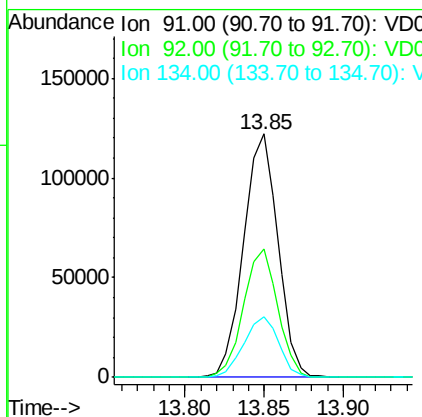
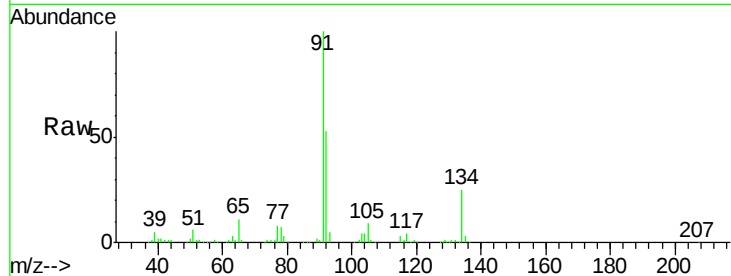




#89
n-Butylbenzene
Concen: 10.000 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

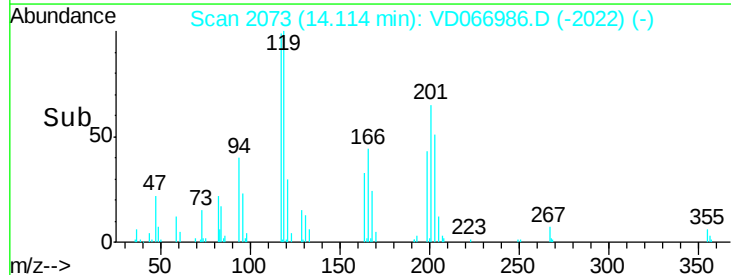
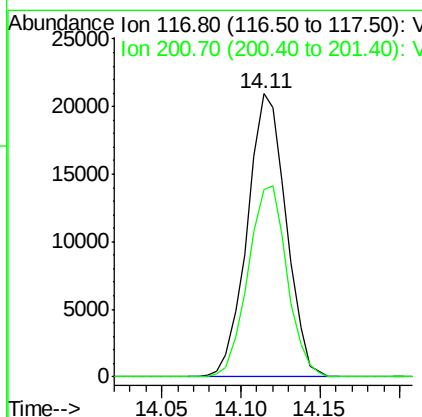
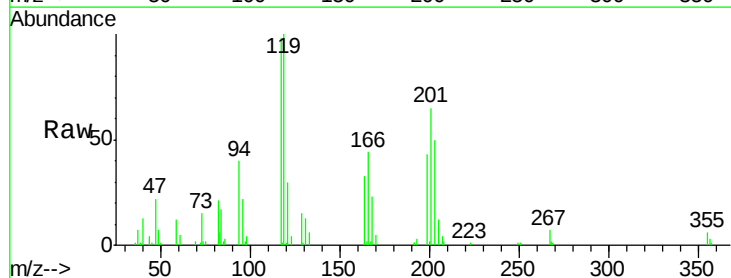
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

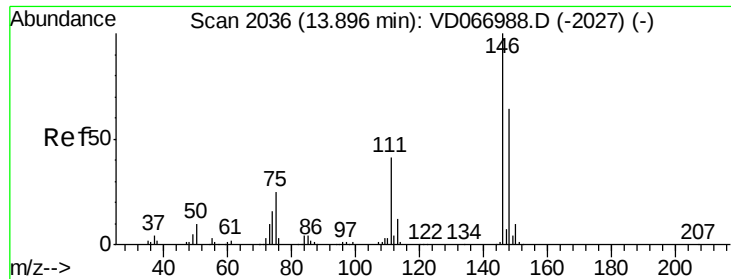
Tgt Ion: 91 Resp: 184626
Ion Ratio Lower Upper
91 100
92 52.3 27.1 81.2
134 25.3 13.6 40.8



#90
Hexachloroethane
Concen: 10.096 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Tgt Ion: 117 Resp: 35727
Ion Ratio Lower Upper
117 100
201 67.7 37.0 110.9





#91

1,2-Dichlorobenzene

Concen: 10.273 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

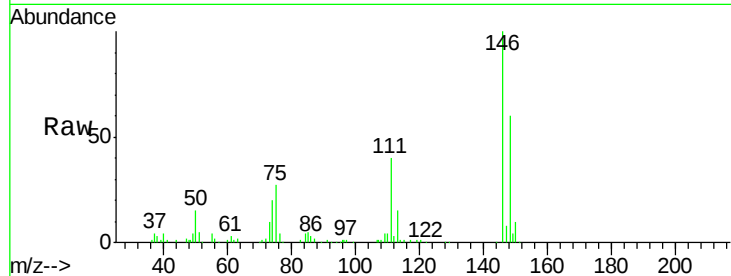
Tgt Ion:146 Resp: 91768

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.7

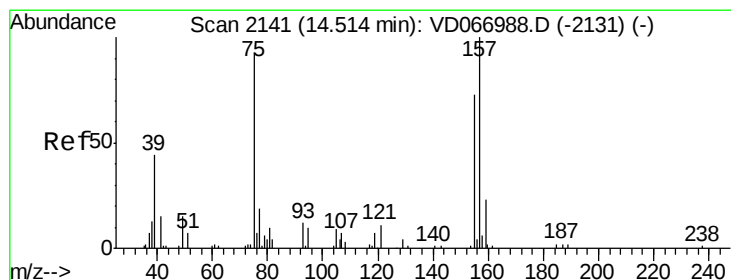
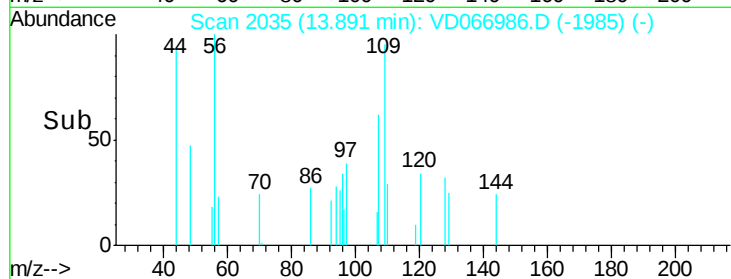
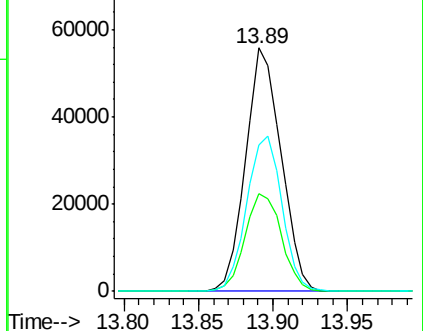
148 63.3 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.178 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

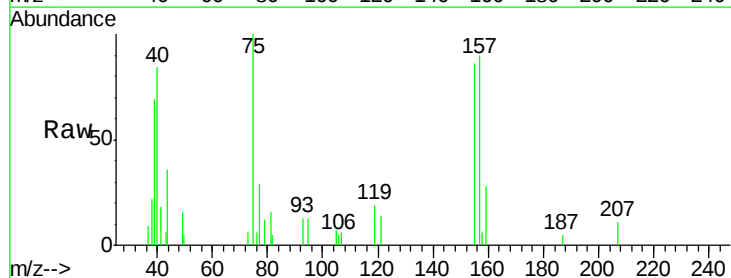
Tgt Ion: 75 Resp: 6012

Ion Ratio Lower Upper

75 100

155 88.2 45.2 135.6

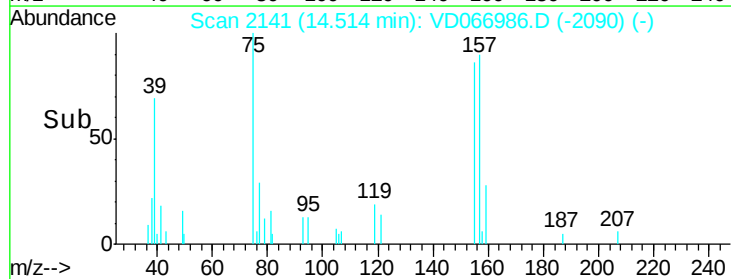
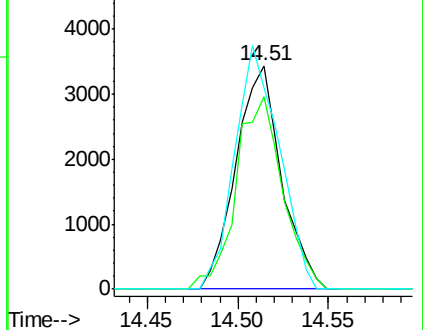
157 106.6 56.3 168.8

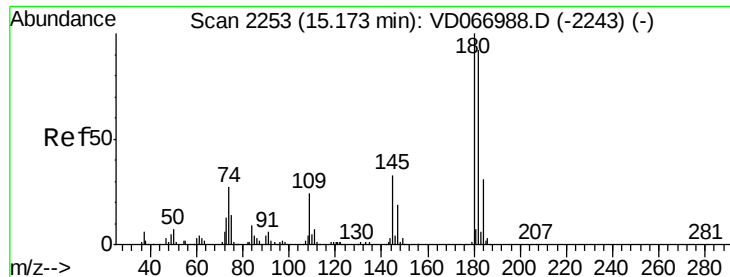


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

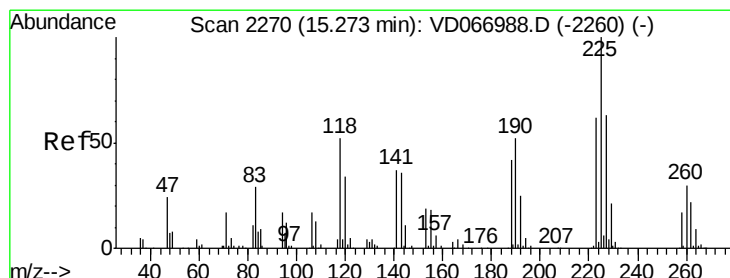
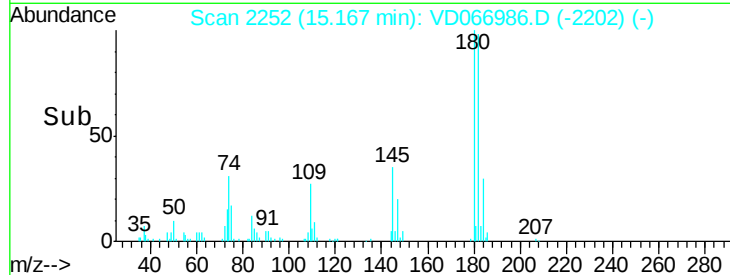
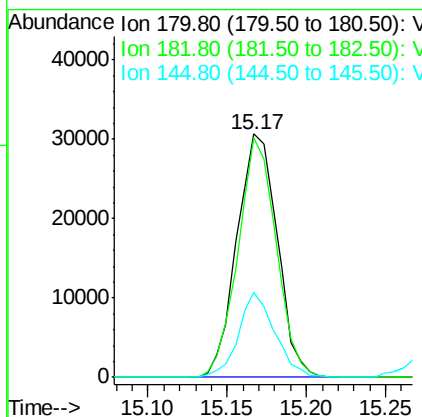
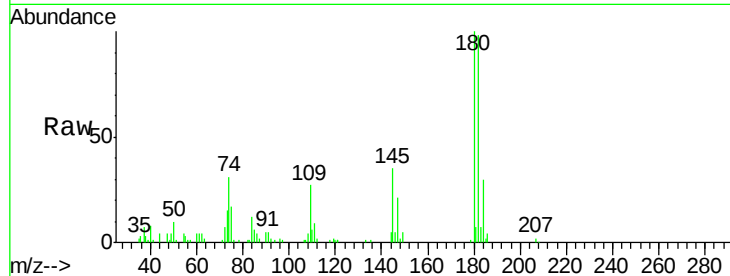




#93
 1,2,4-Trichlorobenzene
 Concen: 9.401 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

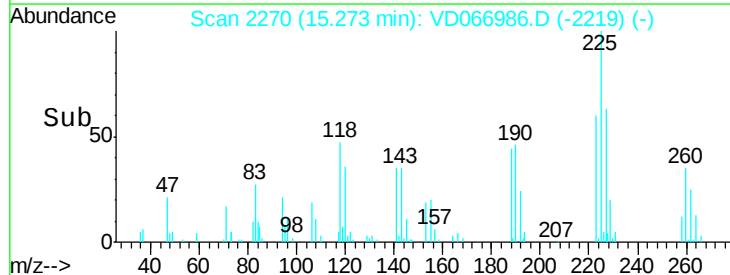
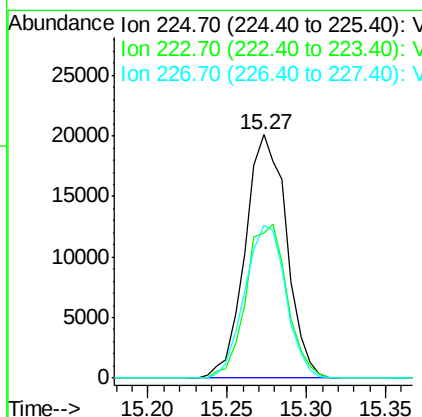
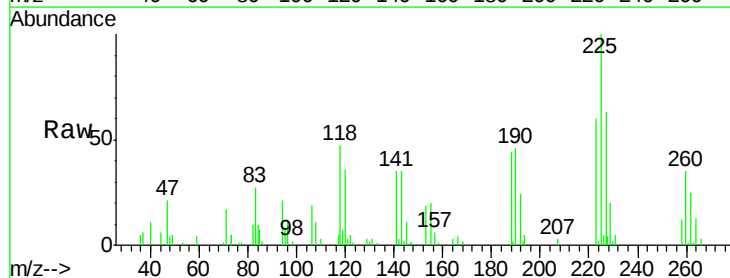
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

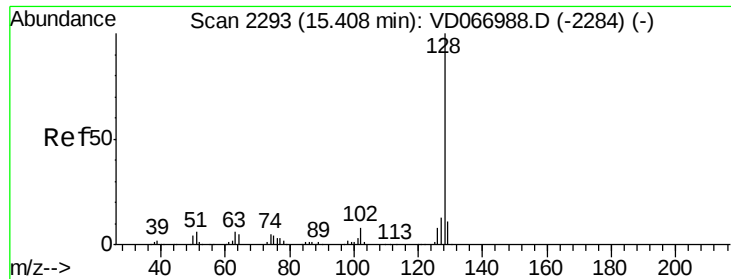
Tgt Ion:180 Resp: 54322
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.3 142.0
 145 31.3 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 10.287 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066986.D
 Acq: 01 Oct 2020 11:53

Tgt Ion:225 Resp: 36506
 Ion Ratio Lower Upper
 225 100
 223 62.5 32.4 97.0
 227 62.2 31.6 95.0

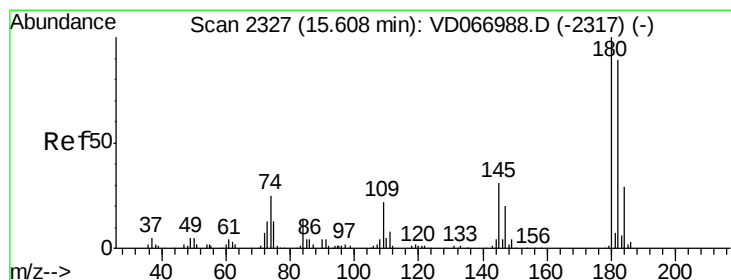
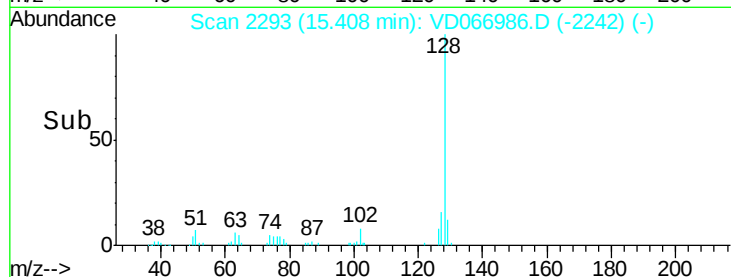
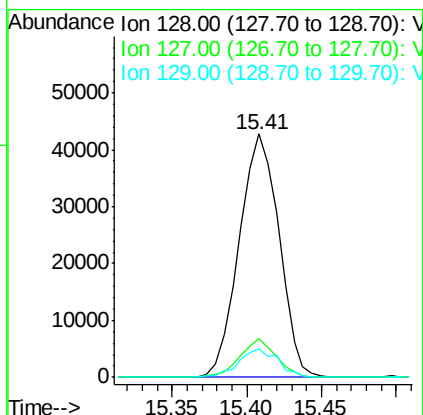
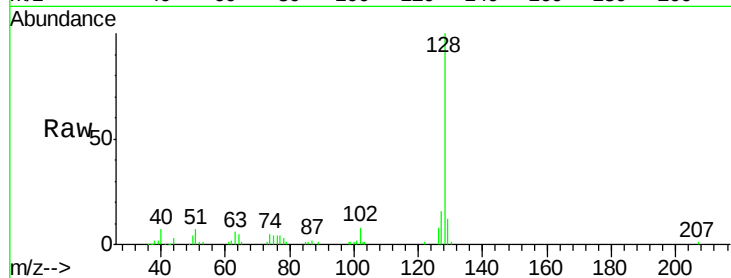




#95
Naphthalene
Concen: 8.220 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 79220
Ion Ratio Lower Upper
128 100
127 14.5 10.3 15.5
129 11.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 9.458 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD066986.D
Acq: 01 Oct 2020 11:53

Tgt Ion:180 Resp: 47442
Ion Ratio Lower Upper
180 100
182 95.8 46.4 139.1
145 34.7 16.6 49.7

