

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100120\
 Data File : VD066985.D
 Acq On : 01 Oct 2020 11:00
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 01 15:04:49 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	447100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	718942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	641735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	309238	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	22732	5.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.56%	
35) Dibromofluoromethane	7.91	113	22593	4.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.60%	
50) Toluene-d8	10.34	98	82580	4.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.62%	
62) 4-Bromofluorobenzene	12.63	95	29392	5.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.10%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	22067	5.436	ug/l 83
3) Chloromethane	2.20	50	19555	5.492	ug/l 99
4) Vinyl Chloride	2.35	62	19394	5.432	ug/l 97
5) Bromomethane	2.77	94	15557	5.978	ug/l 91
6) Chloroethane	2.92	64	12612	5.801	ug/l # 87
7) Trichlorofluoromethane	3.27	101	47508	5.989	ug/l 96
8) Diethyl Ether	3.71	74	10112	5.141	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	25196	5.620	ug/l 95
10) Methyl Iodide	4.30	142	20118	4.618	ug/l # 96
11) Tert butyl alcohol	5.20	59	17420	47.519	ug/l # 79
12) 1,1-Dichloroethene	4.06	96	23319	5.533	ug/l 96
13) Acrolein	3.93	56	8470	29.373	ug/l 97
14) Allyl chloride	4.71	41	26211	4.787	ug/l 94
15) Acrylonitrile	5.43	53	18895	26.100	ug/l # 82
16) Acetone	4.16	43	19584	29.791	ug/l 96
17) Carbon Disulfide	4.41	76	68729	5.314	ug/l 100
18) Methyl Acetate	4.73	43	8972	5.430	ug/l # 82
19) Methyl tert-butyl Ether	5.48	73	37575	4.884	ug/l 96
20) Methylene Chloride	4.97	84	46811	7.812	ug/l 97
21) trans-1,2-Dichloroethene	5.47	96	26889	5.606	ug/l 92
22) Diisopropyl ether	6.36	45	49485	4.951	ug/l 94
23) Vinyl Acetate	6.30	43	128308	22.652	ug/l 97
24) 1,1-Dichloroethane	6.26	63	42065	5.453	ug/l # 97
25) 2-Butanone	7.22	43	27393	29.391	ug/l 91
26) 2,2-Dichloropropane	7.20	77	45412	6.135	ug/l 94
27) cis-1,2-Dichloroethene	7.21	96	26726	5.217	ug/l 90
28) Bromochloromethane	7.55	49	15735	5.282	ug/l 98
29) Tetrahydrofuran	7.56	42	13570	25.322	ug/l 93
30) Chloroform	7.71	83	46656	5.575	ug/l 99
31) Cyclohexane	7.97	56	39350	6.084	ug/l # 65
32) 1,1,1-Trichloroethane	7.90	97	42905	5.532	ug/l 97
36) 1,1-Dichloropropene	8.11	75	37269	5.561	ug/l 98
37) Ethyl Acetate	7.29	43	12985	5.593	ug/l # 92
38) Carbon Tetrachloride	8.10	117	38065	5.250	ug/l 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100120\
 Data File : VD066985.D
 Acq On : 01 Oct 2020 11:00
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC005

Quant Time: Oct 01 15:04:49 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)
39) Methylcyclohexane	9.35	83	36837	5.199	ug/l	91
40) Benzene	8.35	78	98321	5.282	ug/l	99
41) Methacrylonitrile	7.56	41	15104	12.043	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	28025	5.388	ug/l	97
43) Isopropyl Acetate	8.44	43	21676	5.068	ug/l	96
44) Trichloroethene	9.11	130	30483	5.484	ug/l	89
45) 1,2-Dichloropropane	9.38	63	22244	5.086	ug/l #	88
46) Dibromomethane	9.47	93	13572	5.399	ug/l	93
47) Bromodichloromethane	9.66	83	33549	5.134	ug/l	97
48) Methyl methacrylate	9.46	41	10957	5.001	ug/l	96
49) 1,4-Dioxane	9.46	88	3031	115.536	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	52933	24.848	ug/l	95
52) Toluene	10.40	92	60566	5.051	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	29434	5.040	ug/l	92
54) cis-1,3-Dichloropropene	10.08	75	35871	5.030	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	18865	5.398	ug/l	97
56) Ethyl methacrylate	10.66	69	14893	4.128	ug/l #	86
57) 1,3-Dichloropropane	10.94	76	29055	5.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	44023	21.922	ug/l	98
59) 2-Hexanone	10.98	43	33461	23.534	ug/l	100
60) Dibromochloromethane	11.14	129	24014	5.156	ug/l	97
61) 1,2-Dibromoethane	11.25	107	16776	4.997	ug/l	93
64) Tetrachloroethene	10.87	164	26170	5.609	ug/l	98
65) Chlorobenzene	11.67	112	68977	5.404	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	26220	5.401	ug/l	97
67) Ethyl Benzene	11.74	91	111522	5.100	ug/l	99
68) m/p-Xylenes	11.86	106	83390	9.785	ug/l	99
69) o-Xylene	12.18	106	35487	4.656	ug/l	95
70) Styrene	12.19	104	60761	4.643	ug/l	98
71) Bromoform	12.36	173	13900	5.516	ug/l #	100
73) Isopropylbenzene	12.48	105	99168	4.723	ug/l	97
74) N-amyl acetate	12.28	43	18670	4.946	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	18752	5.300	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	24991	9.481	ug/l #	100
77) Bromobenzene	12.76	156	26600	5.246	ug/l	95
78) n-propylbenzene	12.82	91	119287	4.807	ug/l	99
79) 2-Chlorotoluene	12.91	91	69932	4.925	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	80946	4.563	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	5524	5.113	ug/l	98
82) 4-Chlorotoluene	13.01	91	75893	5.024	ug/l	98
83) tert-Butylbenzene	13.23	119	72805	4.873	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	82598	4.665	ug/l	98
85) sec-Butylbenzene	13.40	105	102733	4.883	ug/l	97
86) p-Isopropyltoluene	13.52	119	91948	4.714	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	51857	5.251	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	54174	5.486	ug/l	93
89) n-Butylbenzene	13.85	91	85129	4.776	ug/l	99
90) Hexachloroethane	14.11	117	17821	5.216	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	46861	5.433	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	3198	5.608	ug/l	88

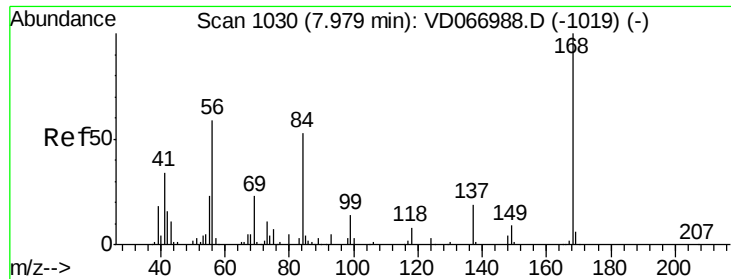
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100120\
Data File : VD066985.D
Acq On : 01 Oct 2020 11:00
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Oct 01 15:04:49 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)
93) 1,2,4-Trichlorobenzene	15.17	180	26557	4.760	ug/l	99
94) Hexachlorobutadiene	15.28	225	18217	5.317	ug/l	97
95) Naphthalene	15.41	128	40957	4.401	ug/l	97
96) 1,2,3-Trichlorobenzene	15.61	180	22791	4.706	ug/l	99

(#) = 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: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

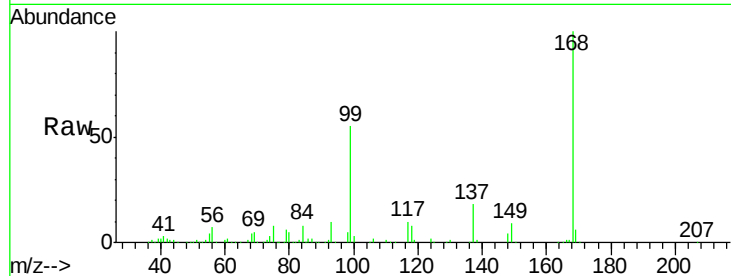
VSTDIC005

Tgt Ion:168 Resp: 447100

Ion Ratio Lower Upper

168 100

99 54.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

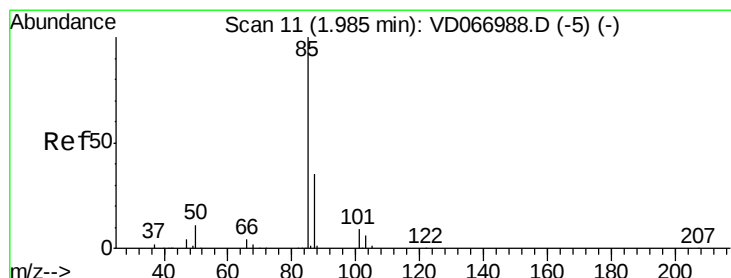
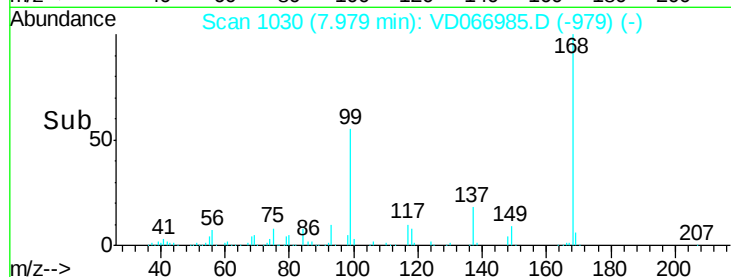
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 5.436 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066985.D

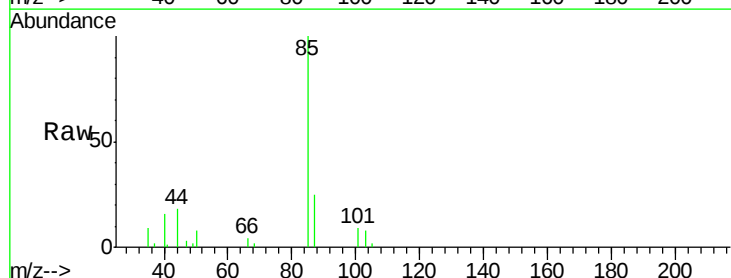
Acq: 01 Oct 2020 11:00

Tgt Ion: 85 Resp: 22067

Ion Ratio Lower Upper

85 100

87 24.7 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

15000

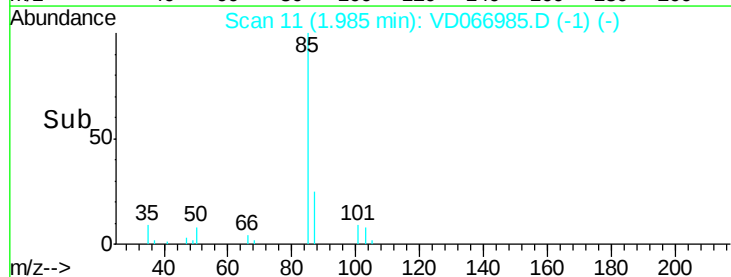
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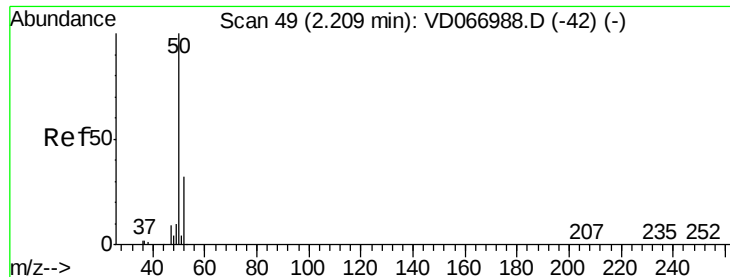
5000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 5.492 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

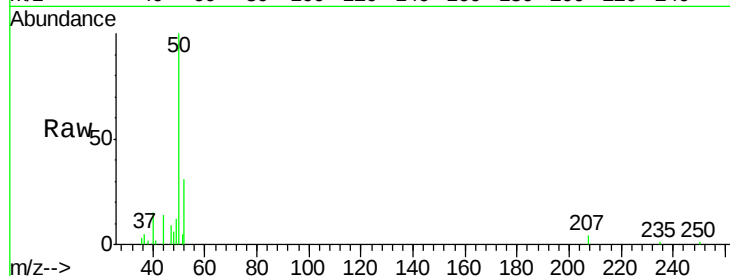
VSTDIC005

Tgt Ion: 50 Resp: 19555

Ion Ratio Lower Upper

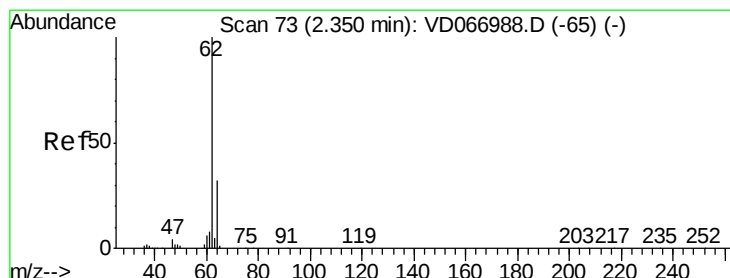
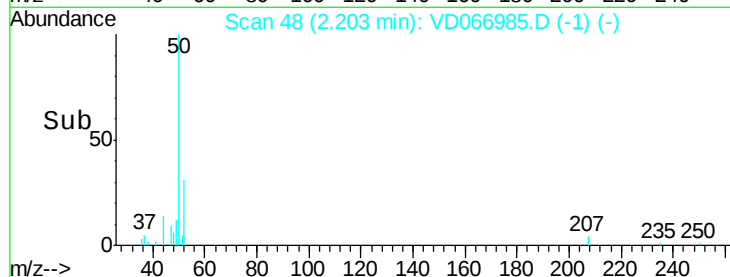
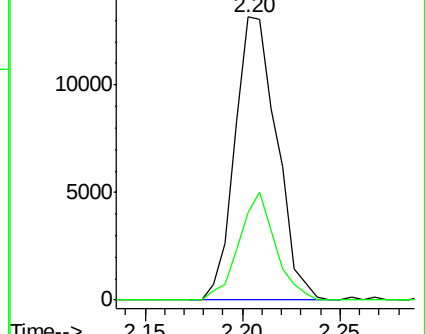
50 100

52 30.8 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: 5.432 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066985.D

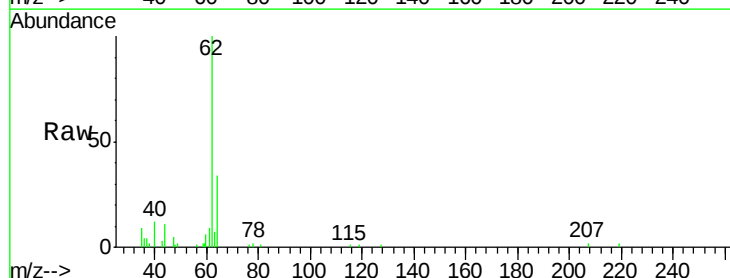
Acq: 01 Oct 2020 11:00

Tgt Ion: 62 Resp: 19394

Ion Ratio Lower Upper

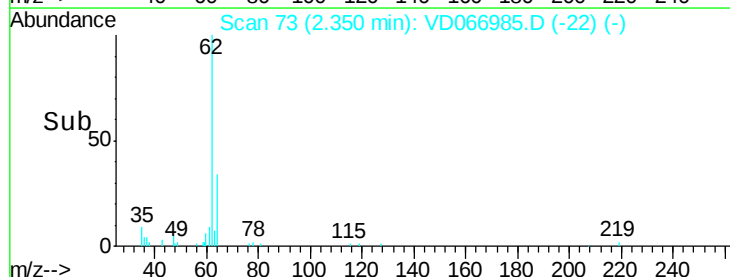
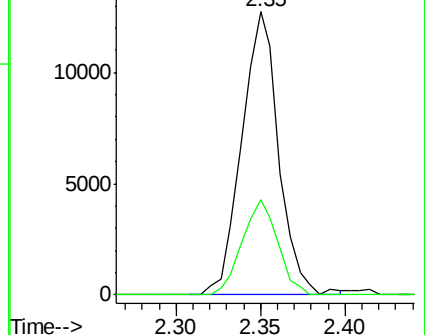
62 100

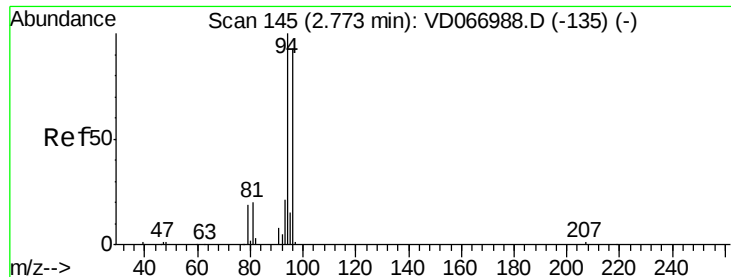
64 33.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 5.978 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

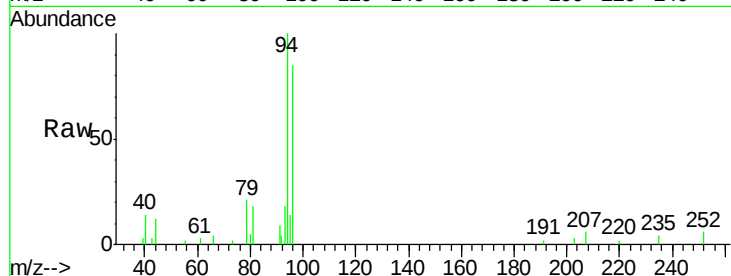
VSTDIC005

Tgt Ion: 94 Resp: 15557

Ion Ratio Lower Upper

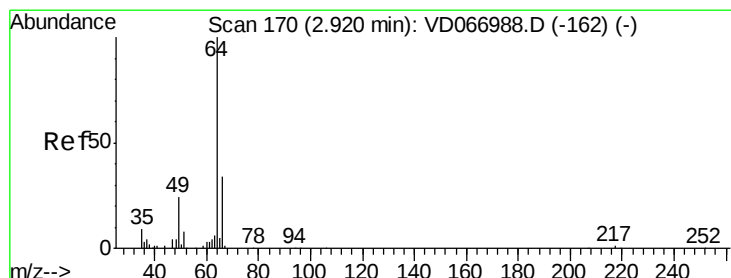
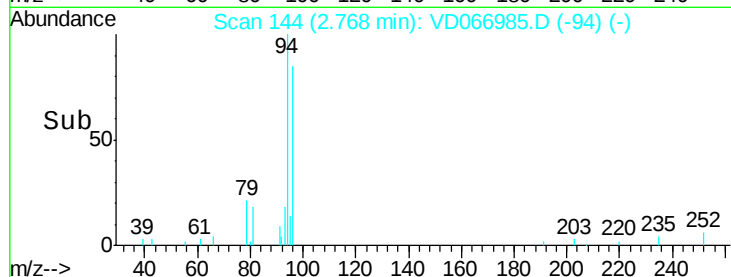
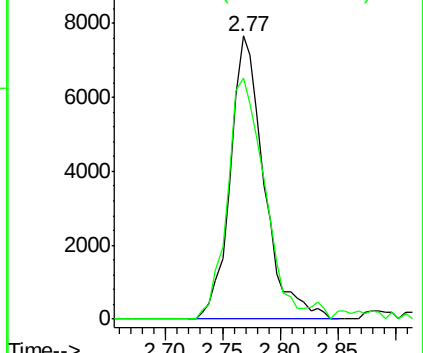
94 100

96 85.0 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: 5.801 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066985.D

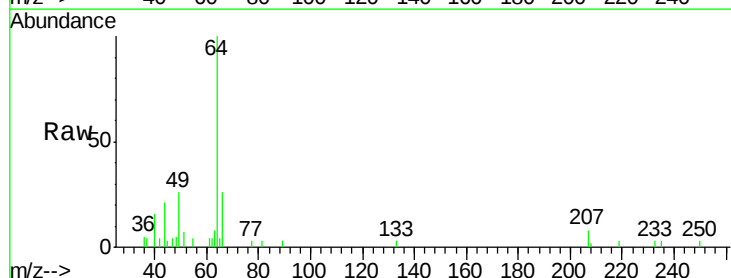
Acq: 01 Oct 2020 11:00

Tgt Ion: 64 Resp: 12612

Ion Ratio Lower Upper

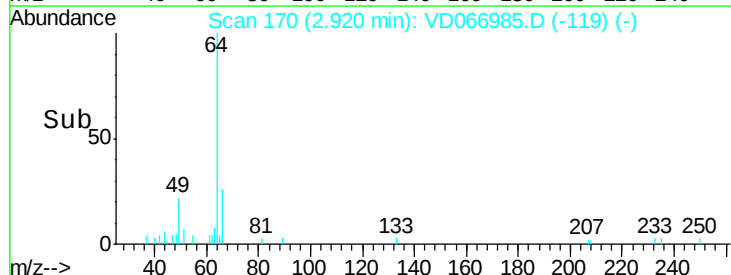
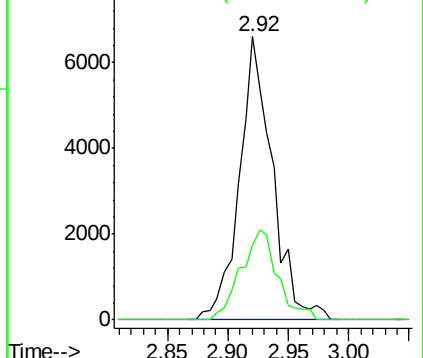
64 100

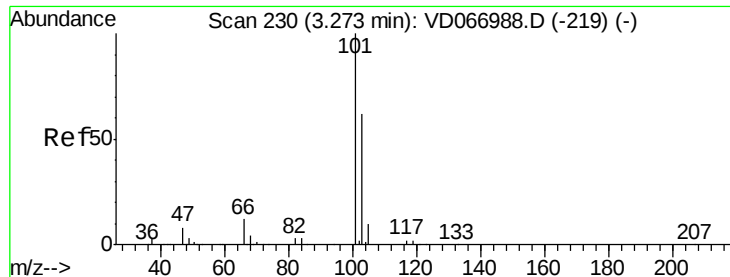
66 26.3 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



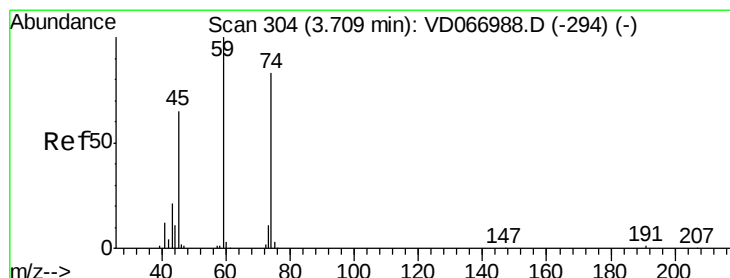
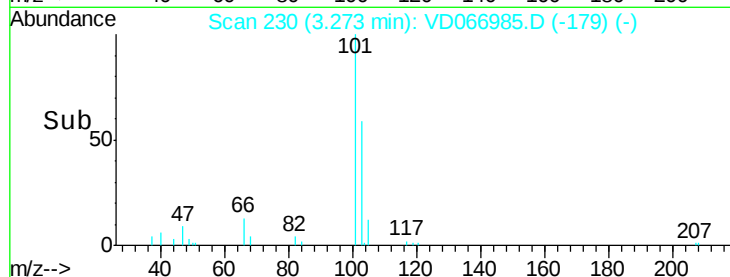
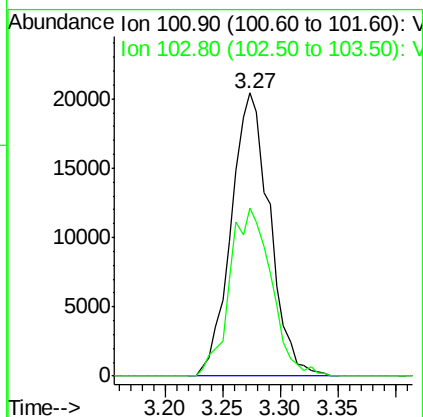
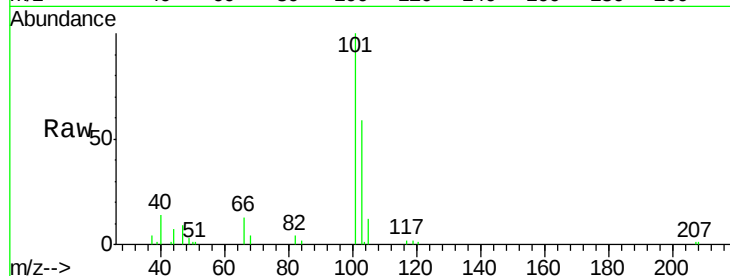


#7

Trichlorofluoromethane
 Concen: 5.989 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

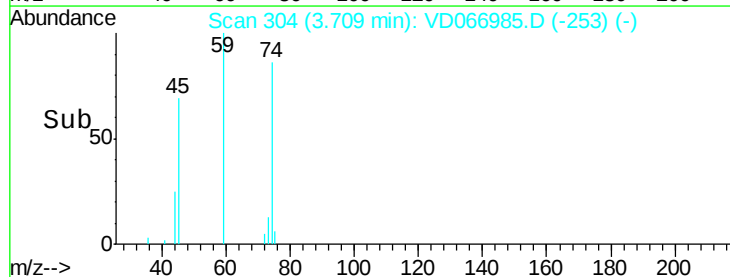
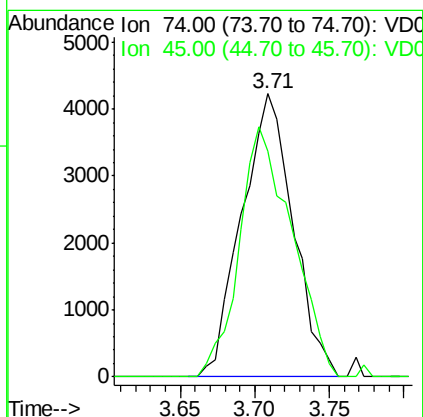
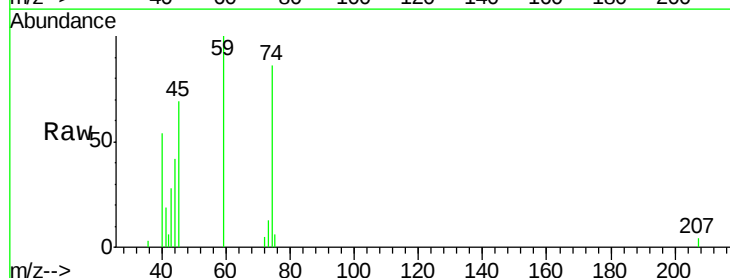
Tgt Ion:101 Resp: 47508
 Ion Ratio Lower Upper
 101 100
 103 59.3 49.8 74.8

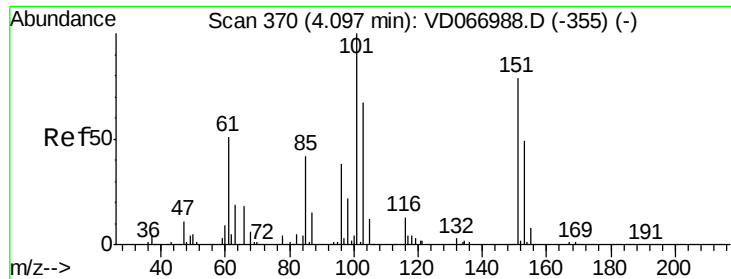


#8

Diethyl Ether
 Concen: 5.141 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

Tgt Ion: 74 Resp: 10112
 Ion Ratio Lower Upper
 74 100
 45 90.6 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.620 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

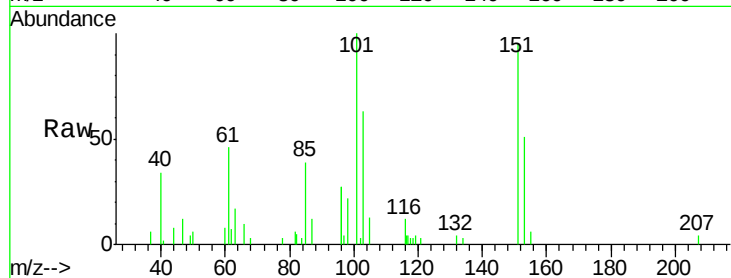
Tgt Ion:101 Resp: 25196

Ion Ratio Lower Upper

101 100

85 42.6 33.8 50.8

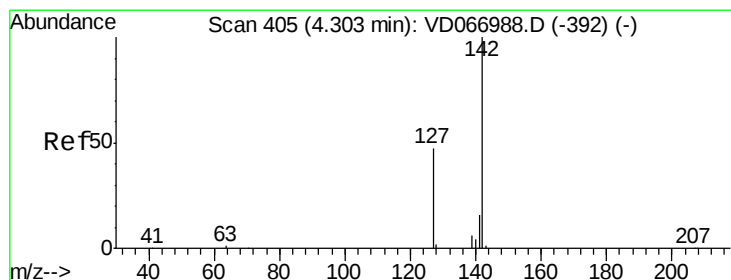
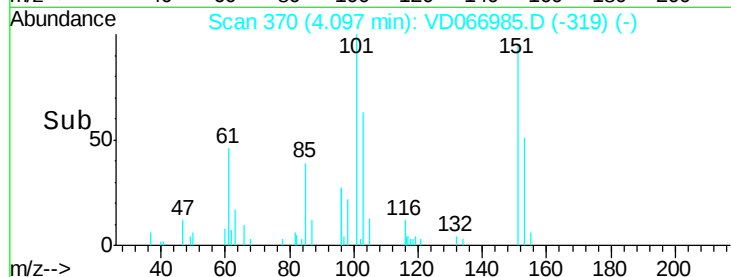
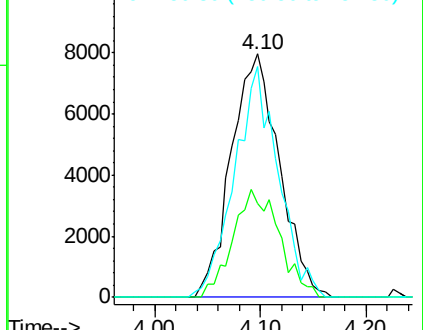
151 86.3 63.8 95.8



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: 4.618 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

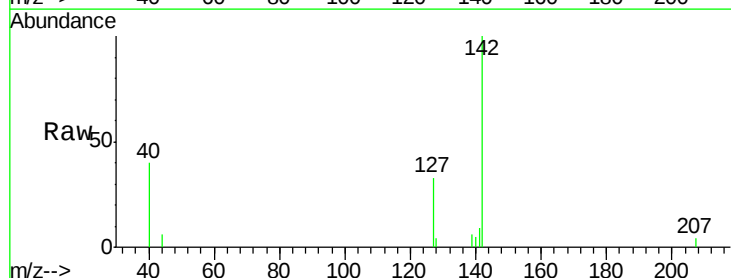
Tgt Ion:142 Resp: 20118

Ion Ratio Lower Upper

142 100

127 44.8 36.3 54.5

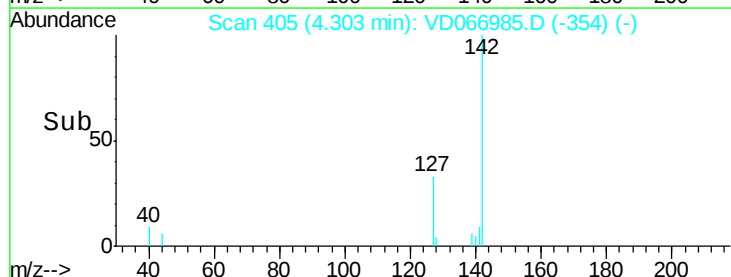
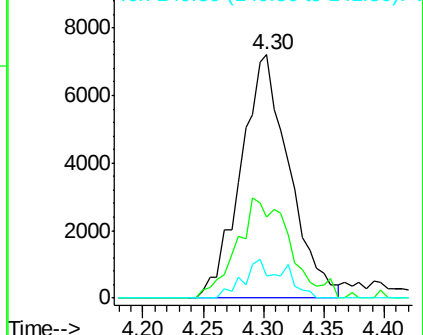
141 9.9 12.0 18.0#

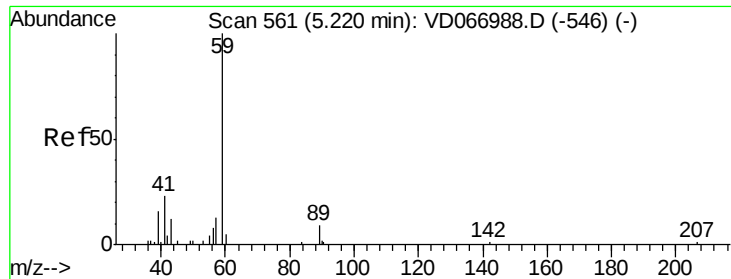


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



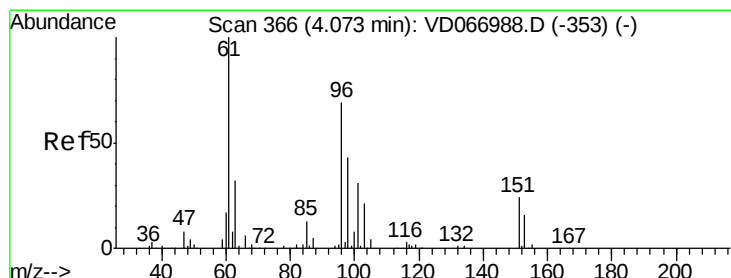
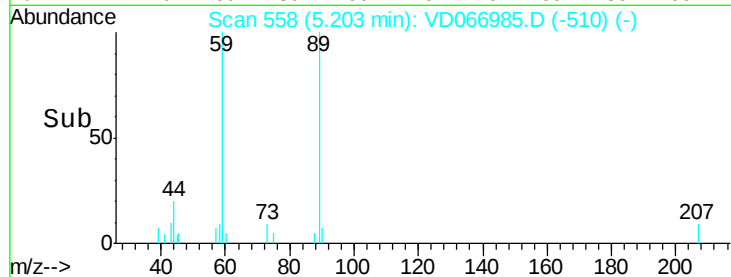
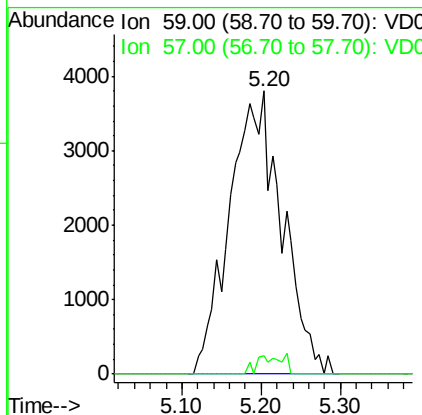
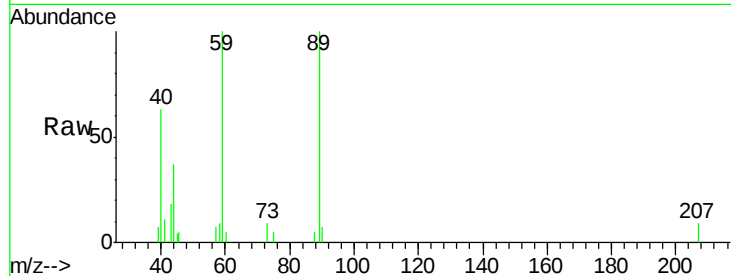


#11

Tert butyl alcohol
 Concen: 47.519 ug/l
 RT: 5.20 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

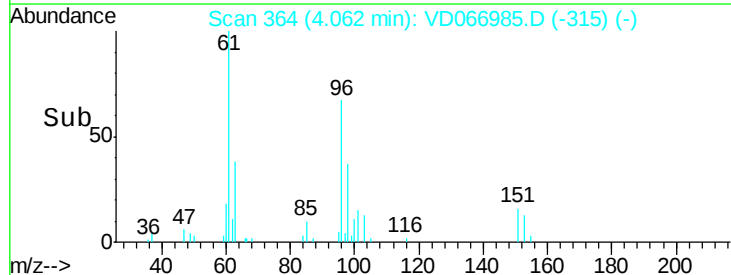
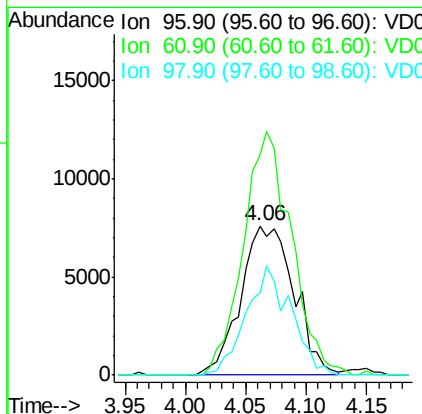
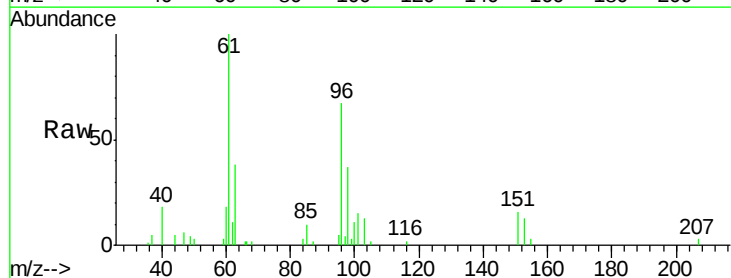
Tgt Ion: 59 Resp: 17420
 Ion Ratio Lower Upper
 59 100
 57 2.5 8.2 12.4#

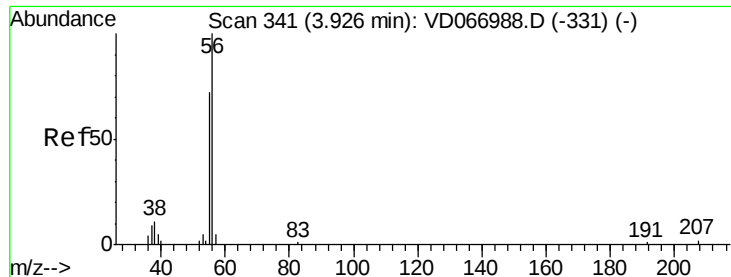


#12

1,1-Dichloroethene
 Concen: 5.533 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

Tgt Ion: 96 Resp: 23319
 Ion Ratio Lower Upper
 96 100
 61 148.4 116.4 174.6
 98 55.1 49.9 74.9





#13

Acrolein

Concen: 29.373 ug/l

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

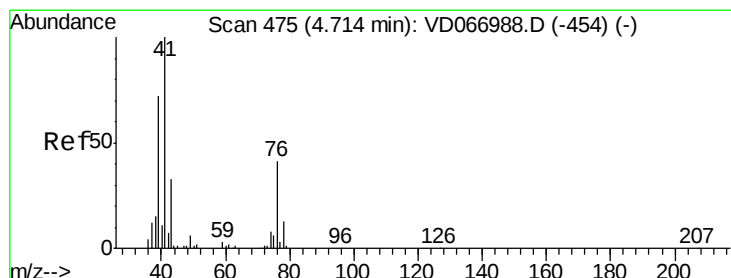
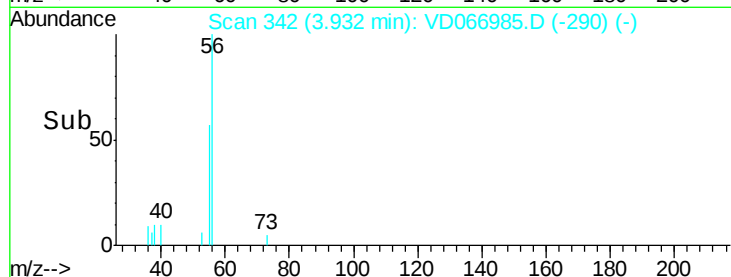
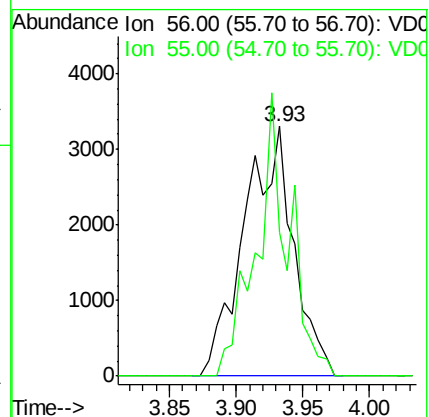
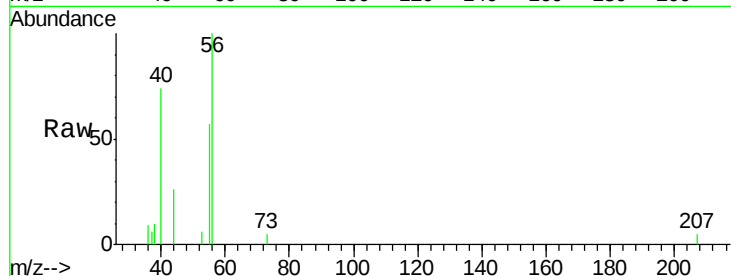
VSTDIC005

Tgt Ion: 56 Resp: 8470

Ion Ratio Lower Upper

56 100

55 74.0 56.9 85.3



#14

Allyl chloride

Concen: 4.787 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

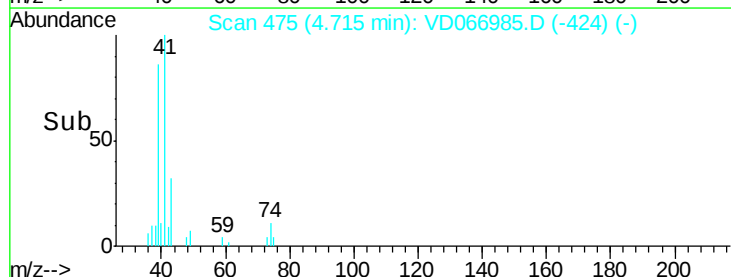
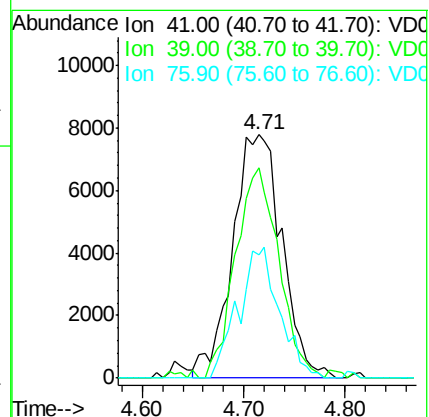
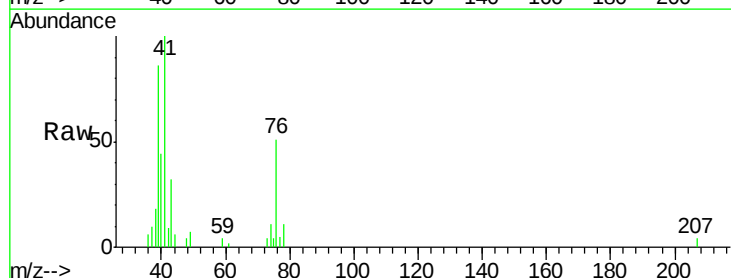
Tgt Ion: 41 Resp: 26211

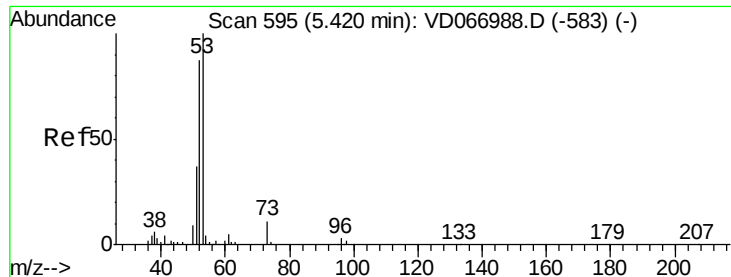
Ion Ratio Lower Upper

41 100

39 76.0 56.2 84.2

76 44.9 34.2 51.2





#15

Acrylonitrile

Concen: 26.100 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

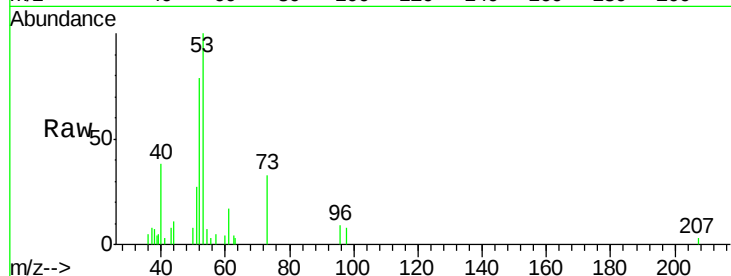
Tgt Ion: 53 Resp: 18895

Ion Ratio Lower Upper

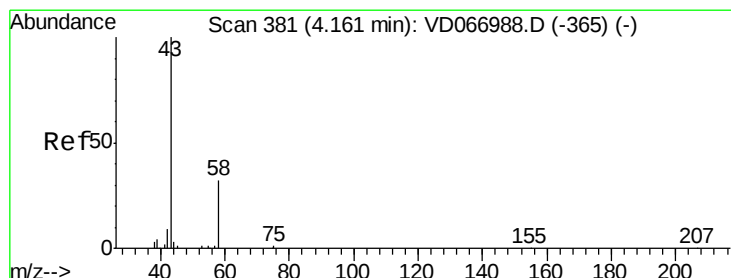
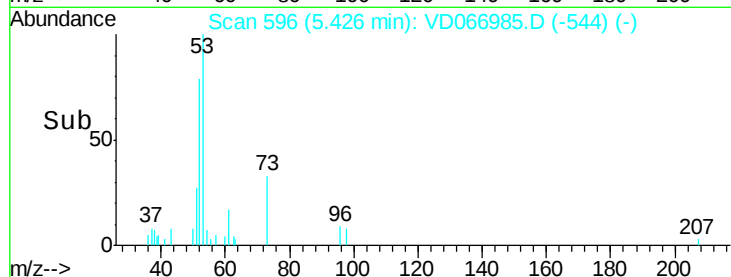
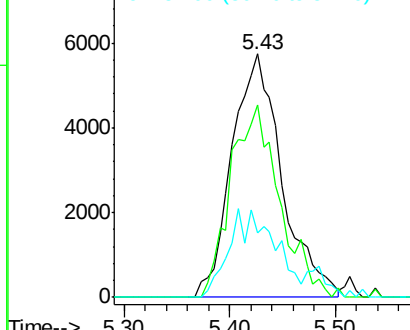
53 100

52 77.0 67.3 100.9

51 12.9 30.2 45.2#



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



#16

Acetone

Concen: 29.791 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD066985.D

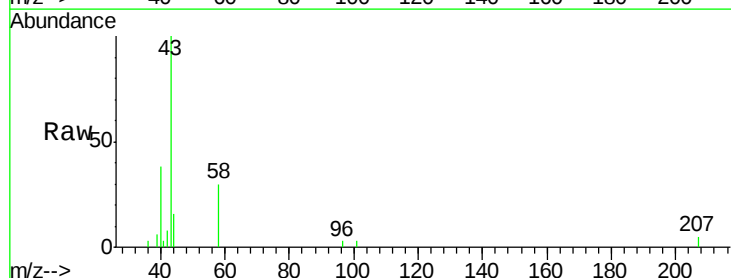
Acq: 01 Oct 2020 11:00

Tgt Ion: 43 Resp: 19584

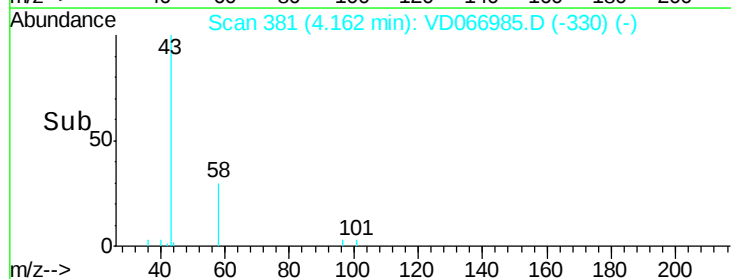
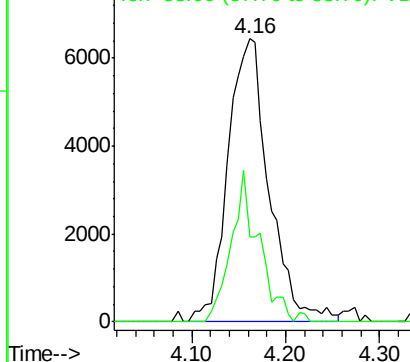
Ion Ratio Lower Upper

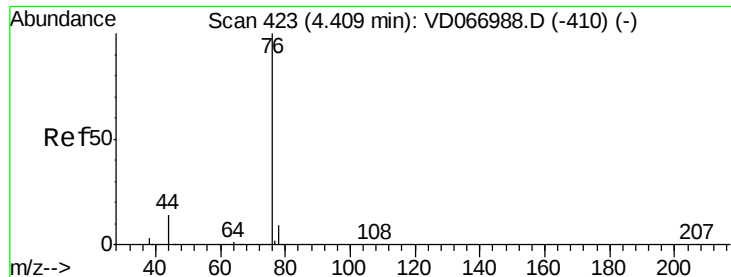
43 100

58 30.0 25.9 38.9



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

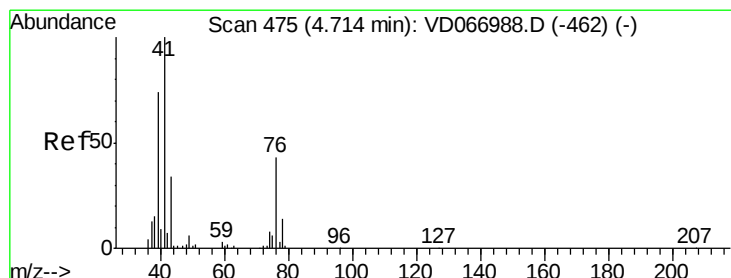
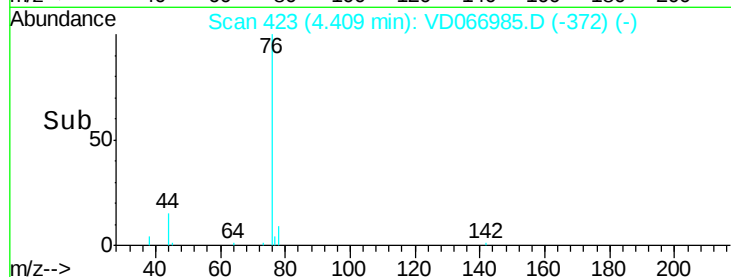
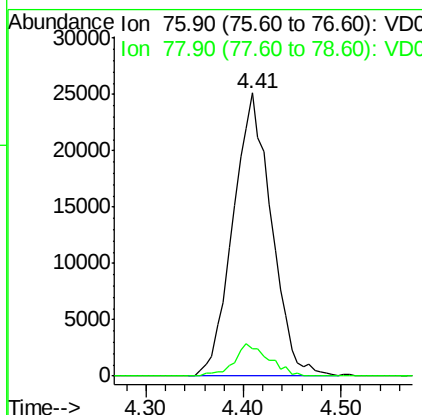
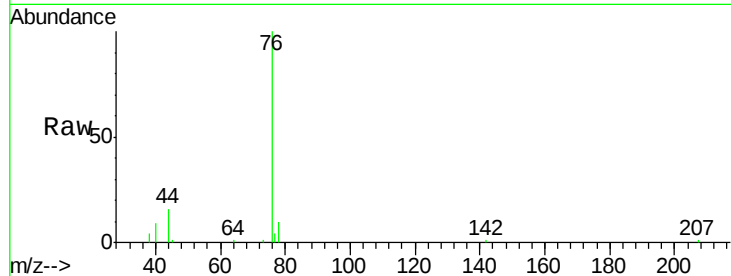




#17
Carbon Disulfide
Concen: 5.314 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

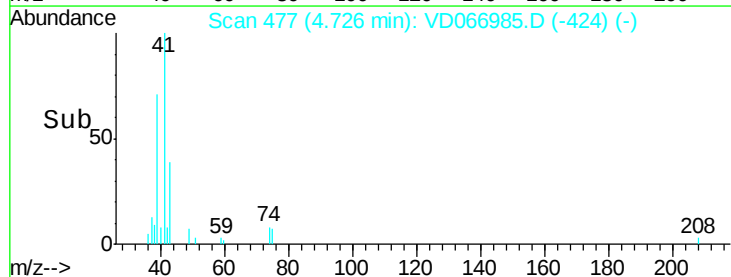
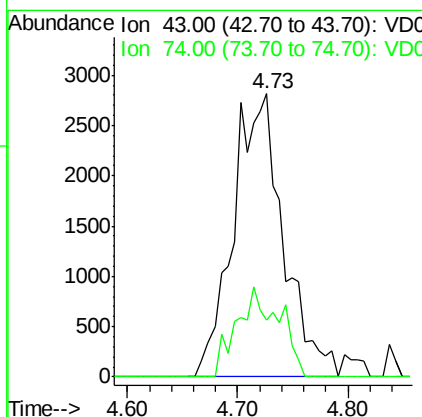
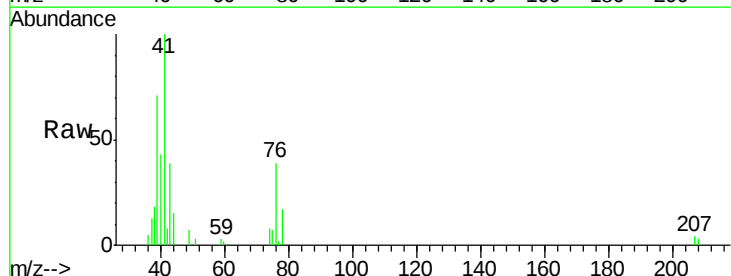
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 68729
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 5.430 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Tgt Ion: 43 Resp: 8972
Ion Ratio Lower Upper
43 100
74 17.6 21.5 32.3#



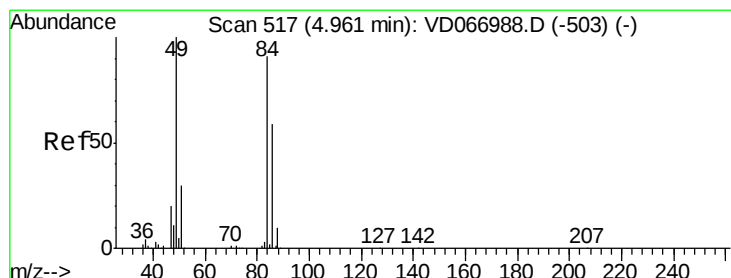
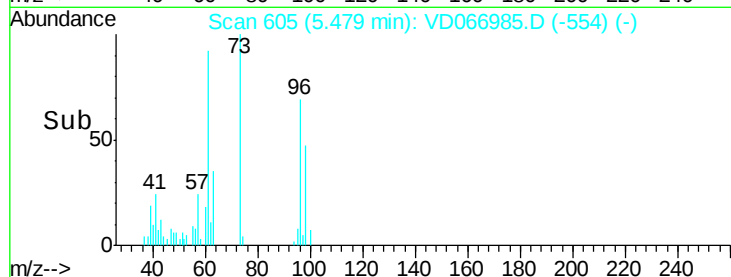
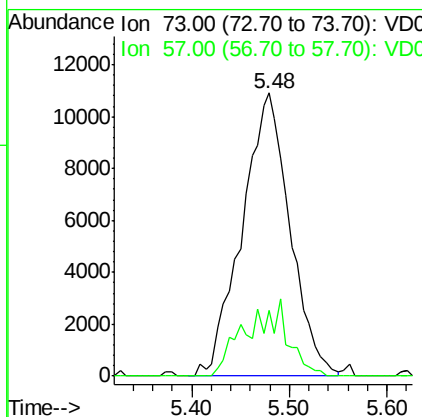
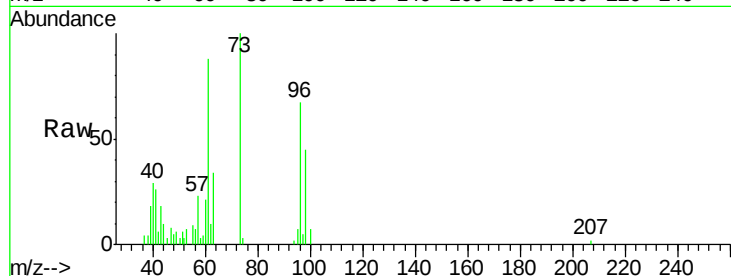


#19

Methyl tert-butyl Ether
 Concen: 4.884 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

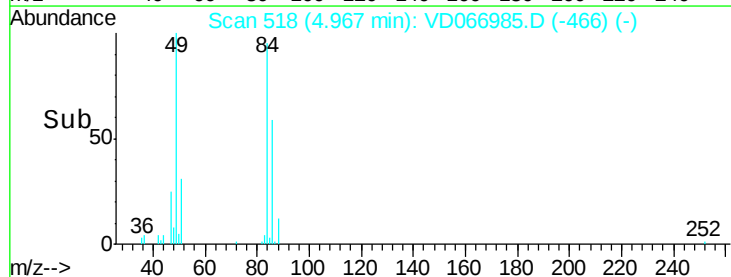
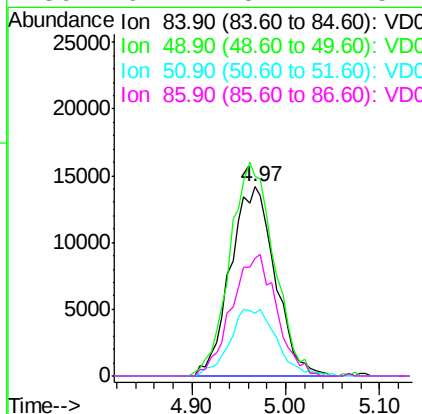
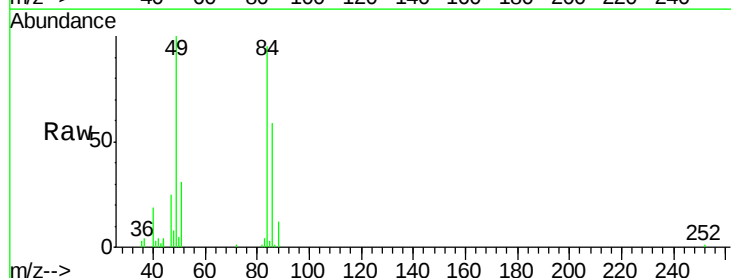
Tgt Ion: 73 Resp: 37575
 Ion Ratio Lower Upper
 73 100
 57 23.4 17.4 26.0

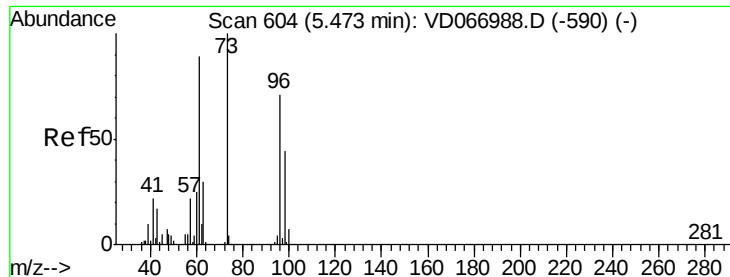


#20

Methylene Chloride
 Concen: 7.812 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

Tgt Ion: 84 Resp: 46811
 Ion Ratio Lower Upper
 84 100
 49 105.8 88.2 132.2
 51 33.1 26.6 39.8
 86 62.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 5.606 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

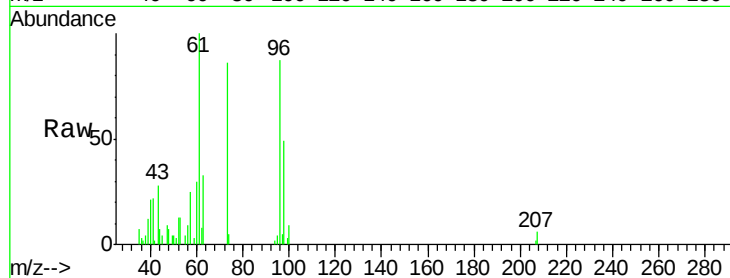
Tgt Ion: 96 Resp: 26889

Ion Ratio Lower Upper

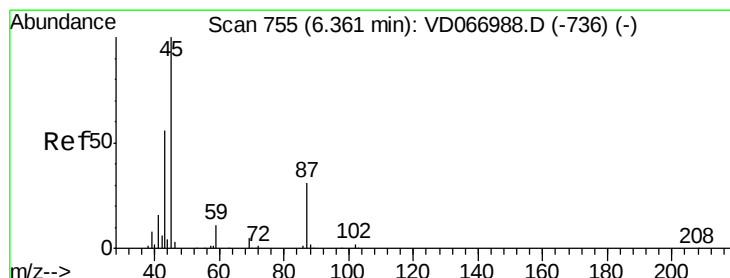
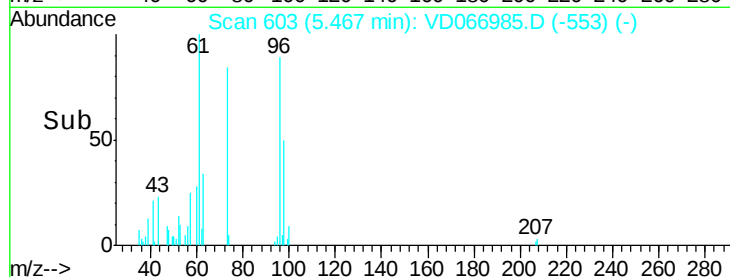
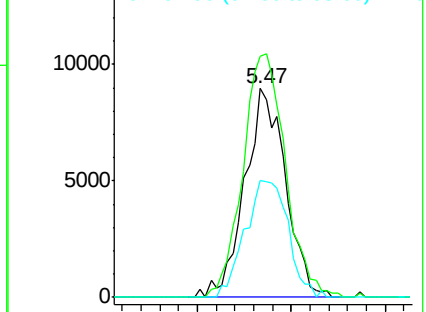
96 100

61 115.4 99.6 149.4

98 56.1 49.4 74.2



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



#22

Diisopropyl ether

Concen: 4.951 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Tgt Ion: 45 Resp: 49485

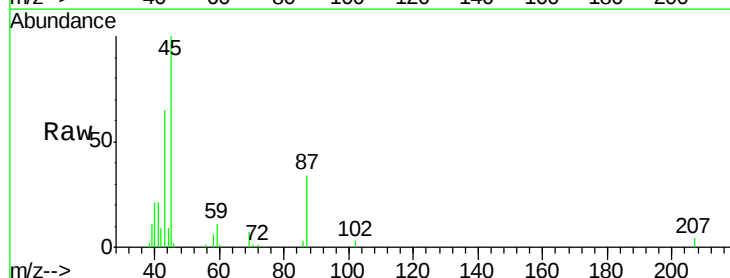
Ion Ratio Lower Upper

45 100

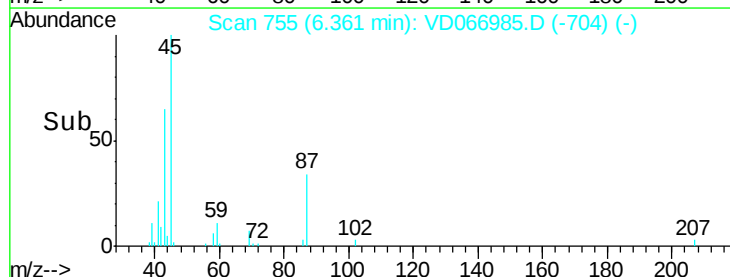
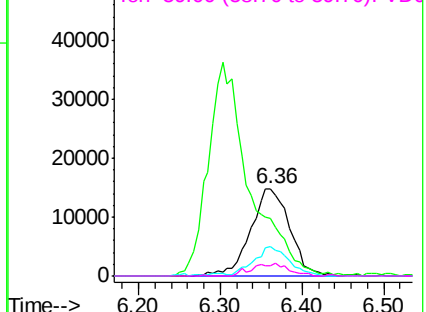
43 62.8 45.2 67.8

87 33.8 25.6 38.4

59 11.1 9.1 13.7



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





#23

Vinyl Acetate

Concen: 22.652 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

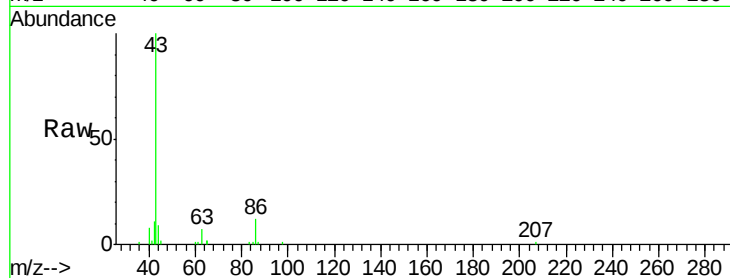
VSTDIC005

Tgt Ion: 43 Resp: 128308

Ion Ratio Lower Upper

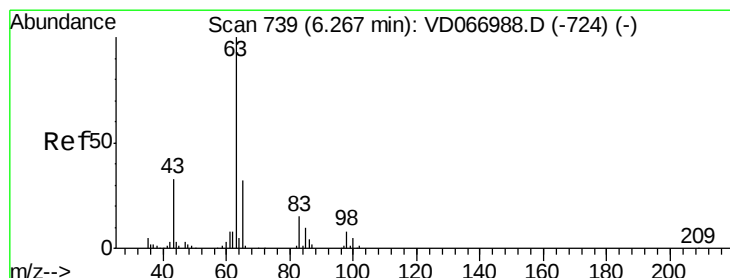
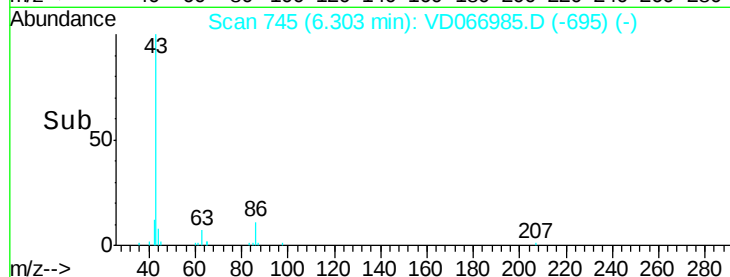
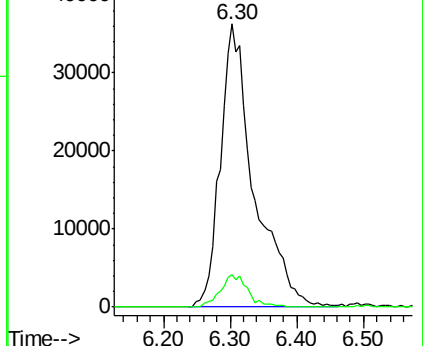
43 100

86 11.6 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 5.453 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

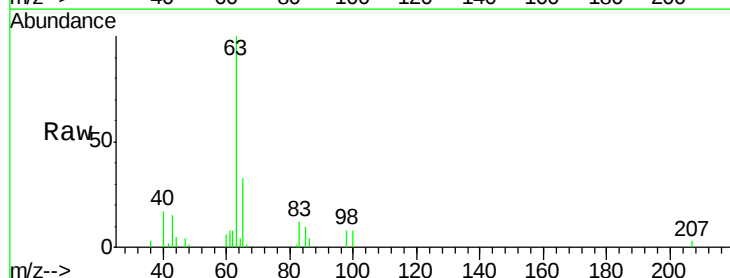
Tgt Ion: 63 Resp: 42065

Ion Ratio Lower Upper

63 100

98 8.4 4.2 12.6

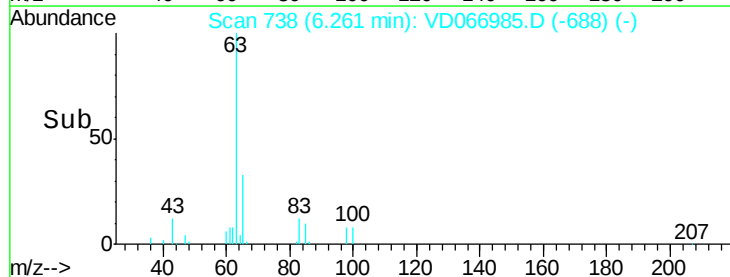
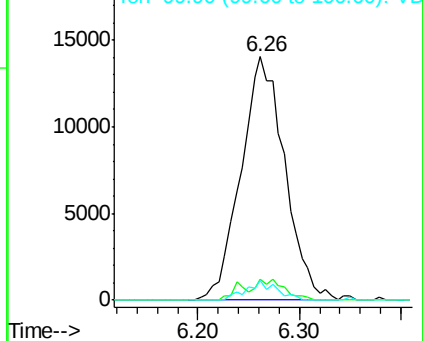
100 8.1 2.6 7.8#

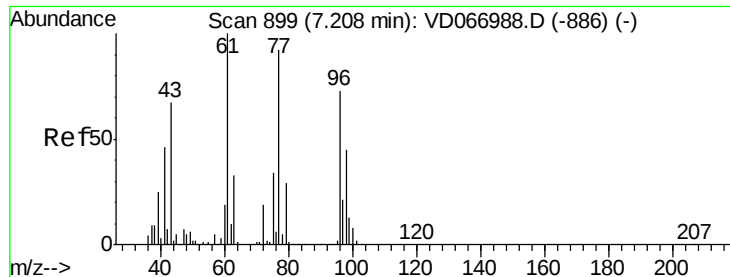


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 29.391 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

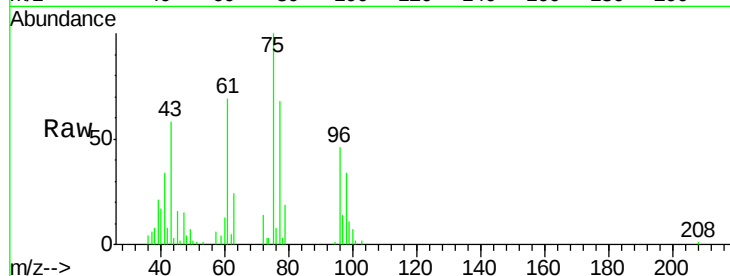
VSTDIC005

Tgt Ion: 43 Resp: 27393

Ion Ratio Lower Upper

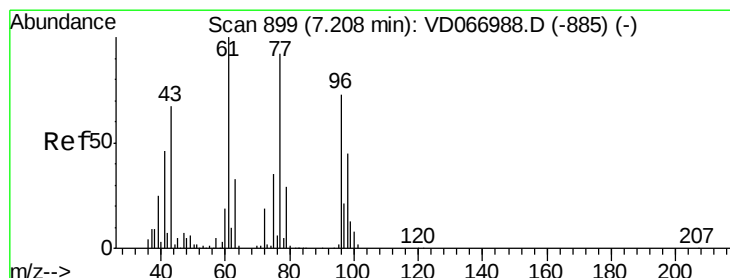
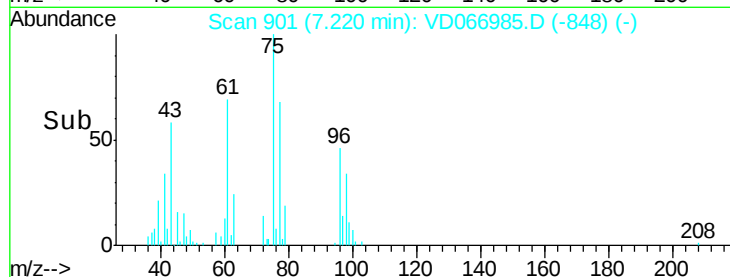
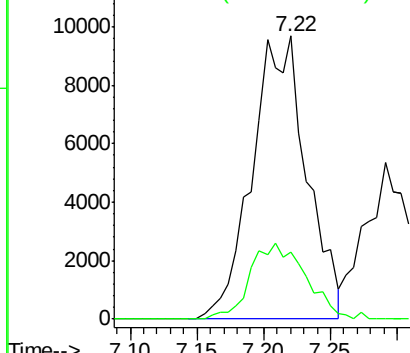
43 100

72 23.7 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 6.135 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066985.D

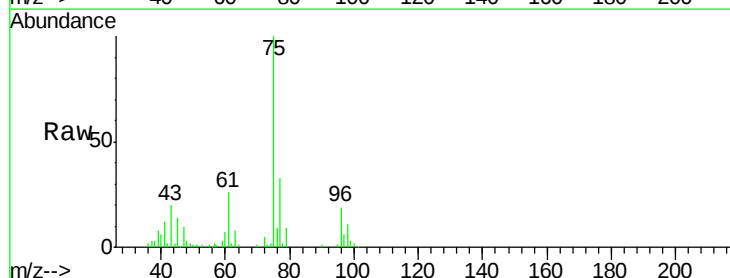
Acq: 01 Oct 2020 11:00

Tgt Ion: 77 Resp: 45412

Ion Ratio Lower Upper

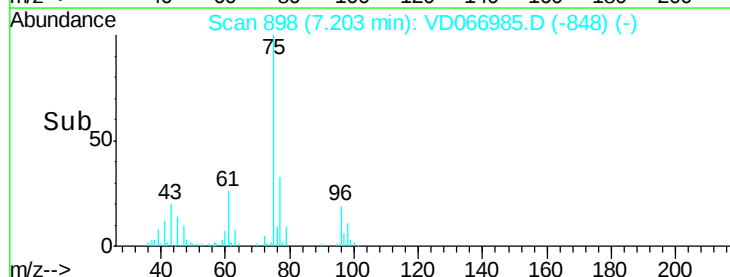
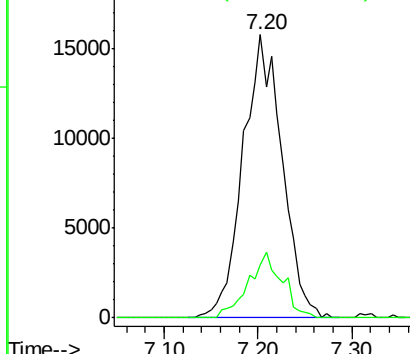
77 100

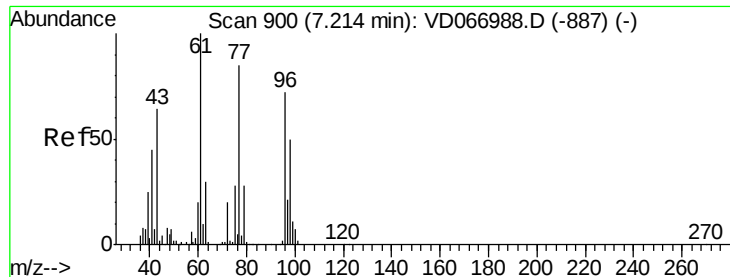
97 20.0 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 5.217 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

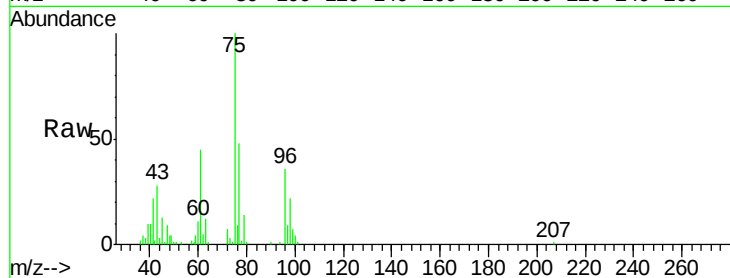
Tgt Ion: 96 Resp: 26726

Ion Ratio Lower Upper

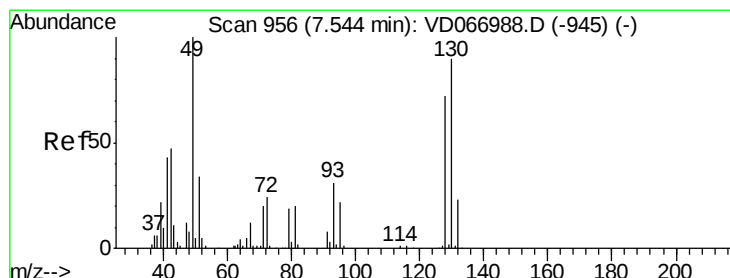
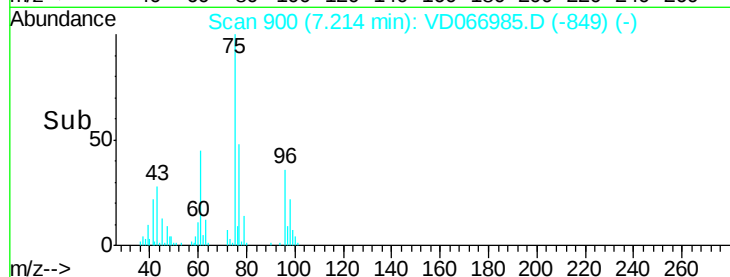
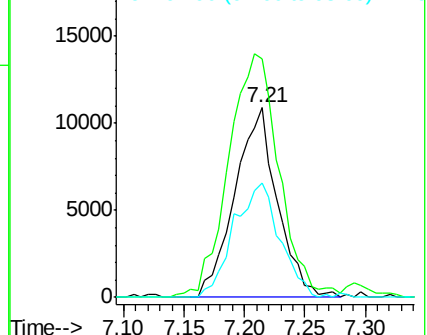
96 100

61 151.8 0.0 269.2

98 64.7 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: 5.282 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.01 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

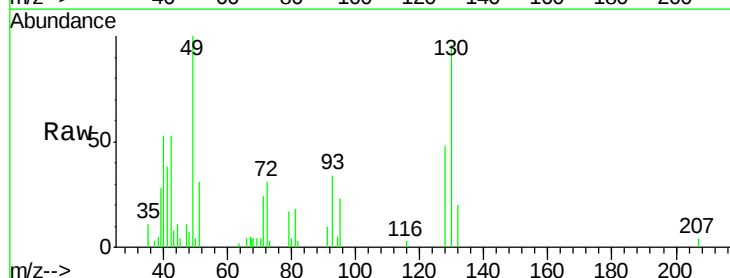
Tgt Ion: 49 Resp: 15735

Ion Ratio Lower Upper

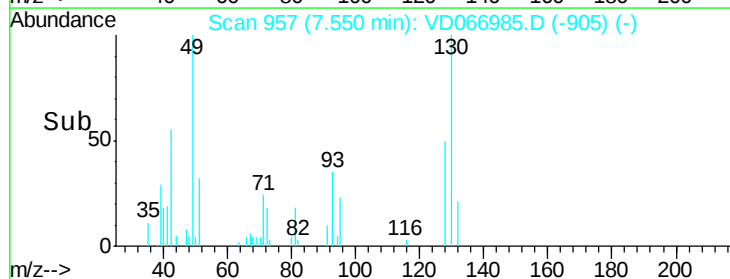
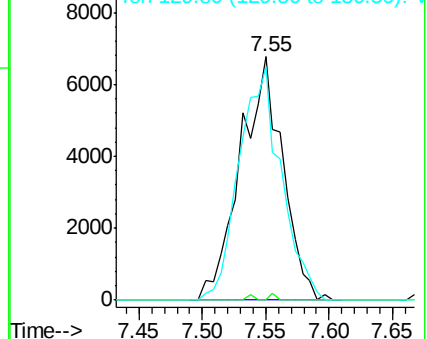
49 100

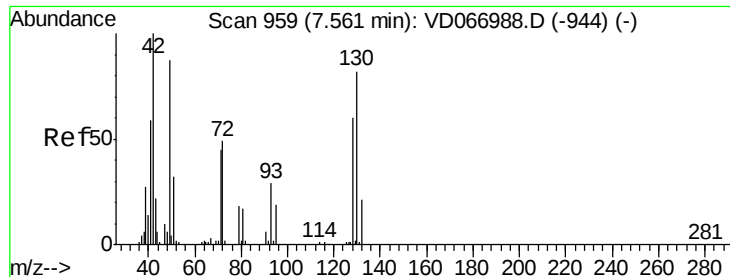
129 0.4 0.0 4.6

130 94.9 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

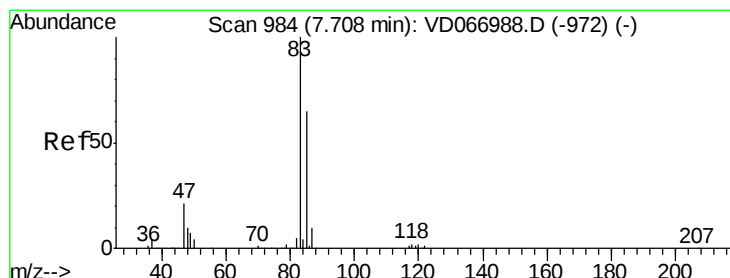
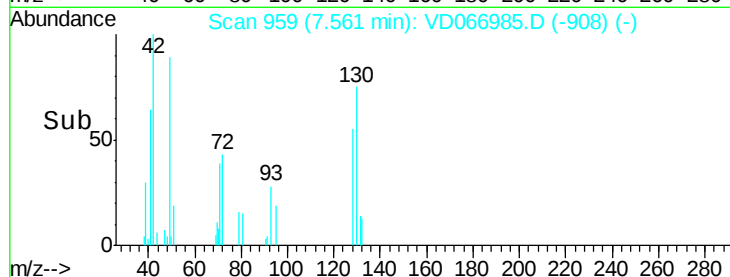
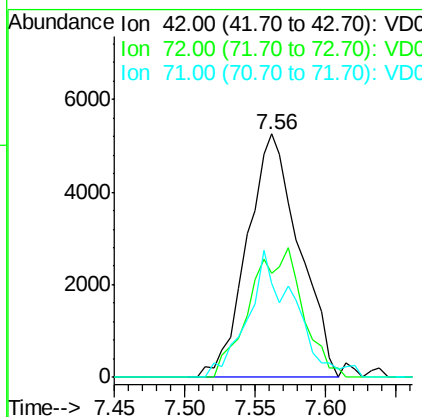
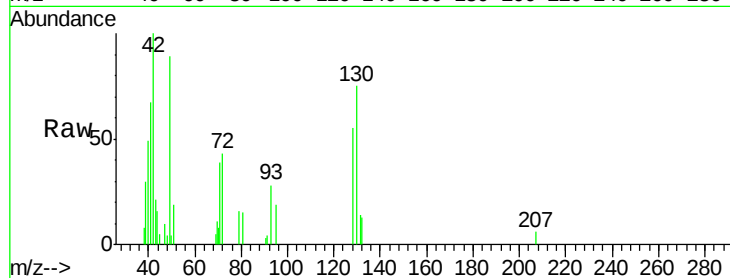




#29
Tetrahydrofuran
Concen: 25.322 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

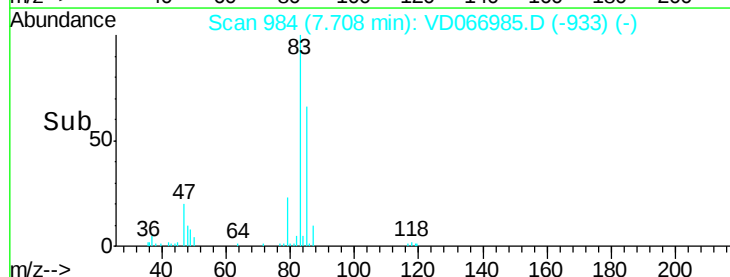
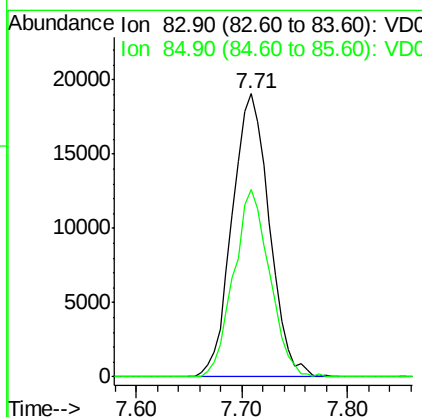
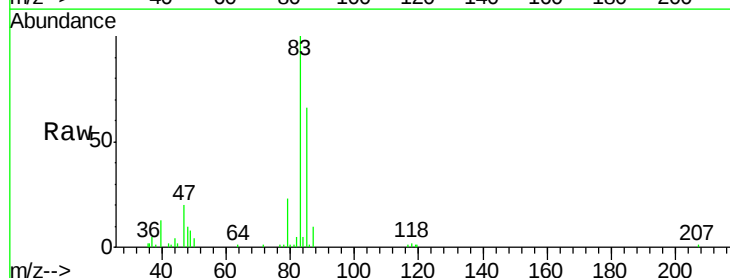
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

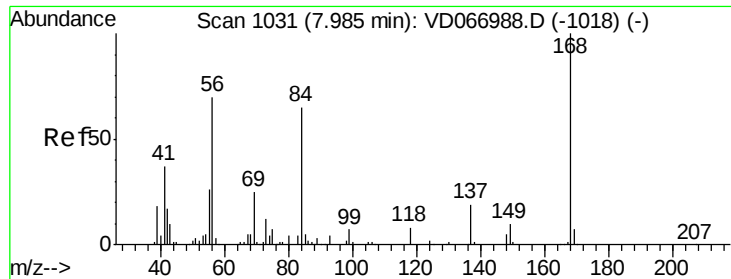
Tgt Ion: 42 Resp: 13570
Ion Ratio Lower Upper
42 100
72 53.7 39.1 58.7
71 46.8 34.2 51.4



#30
Chloroform
Concen: 5.575 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Tgt Ion: 83 Resp: 46656
Ion Ratio Lower Upper
83 100
85 66.3 52.3 78.5

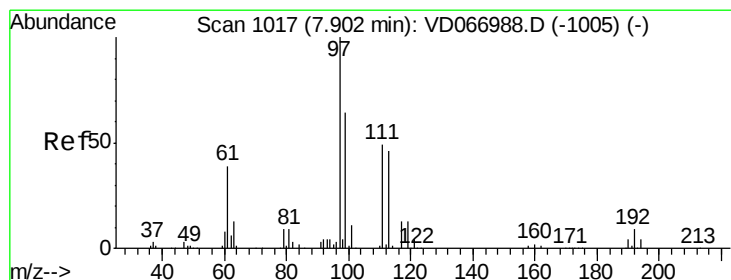
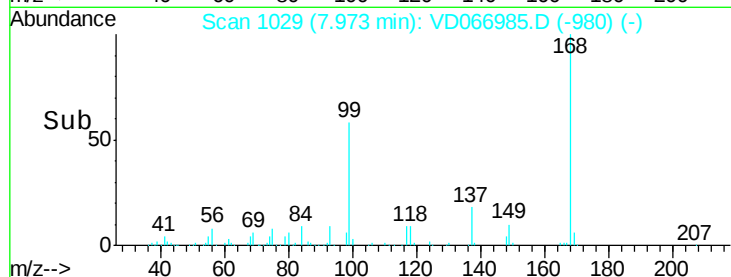
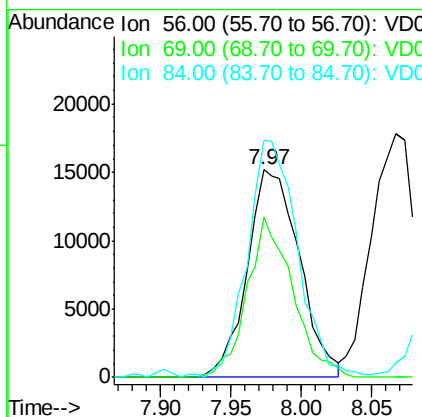
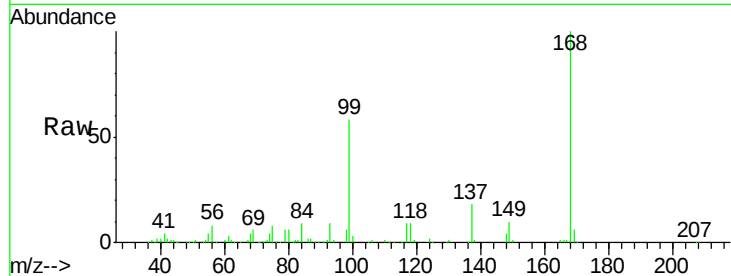




#31
Cyclohexane
Concen: 6.084 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

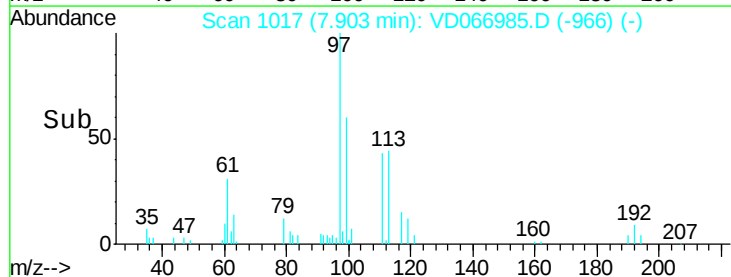
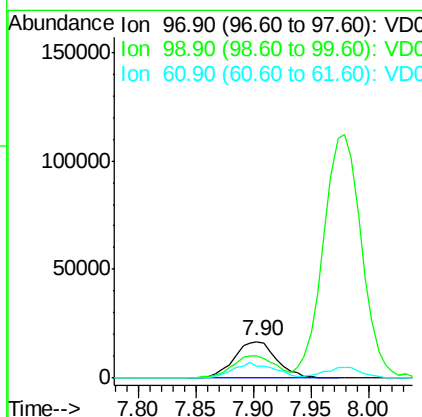
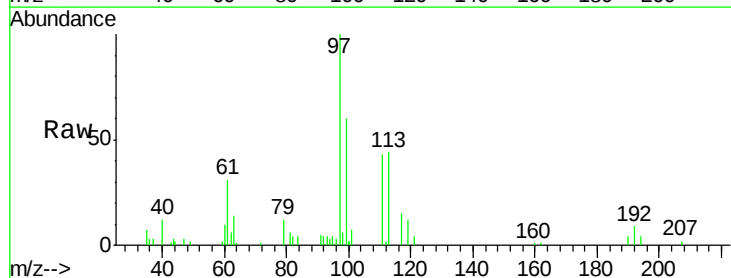
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

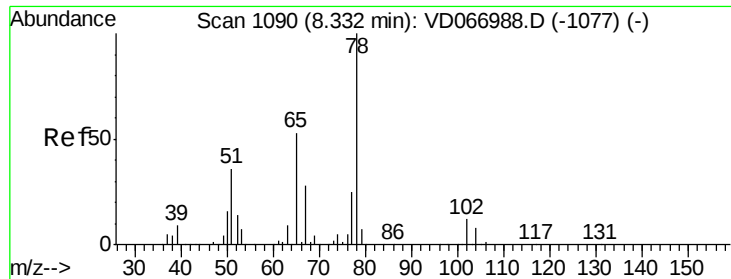
Tgt Ion: 56 Resp: 39350
Ion Ratio Lower Upper
56 100
69 77.2 29.0 43.6#
84 112.9 74.2 111.2#



#32
1,1,1-Trichloroethane
Concen: 5.532 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Tgt Ion: 97 Resp: 42905
Ion Ratio Lower Upper
97 100
99 62.4 52.6 78.8
61 39.9 32.8 49.2

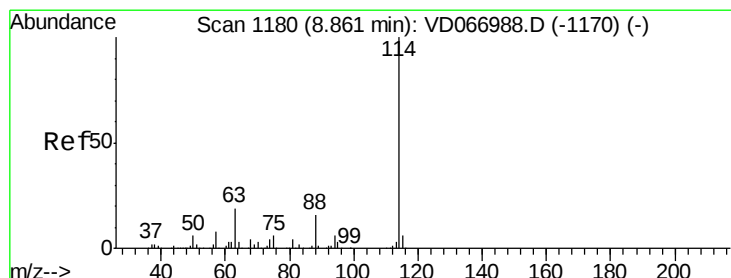
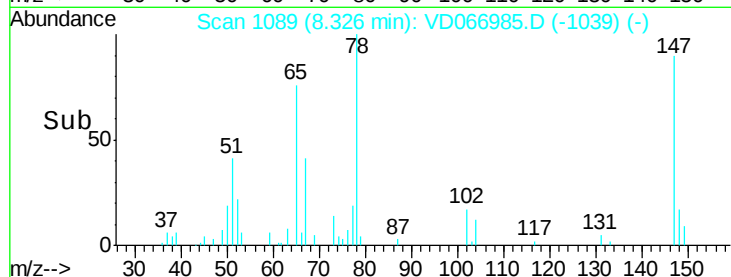
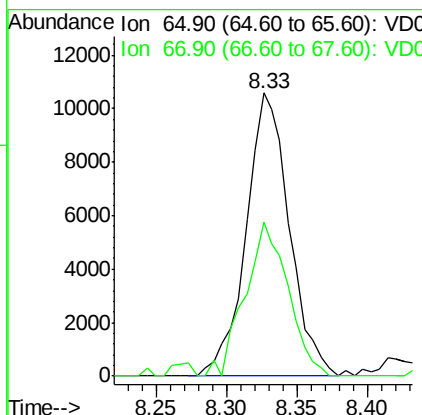
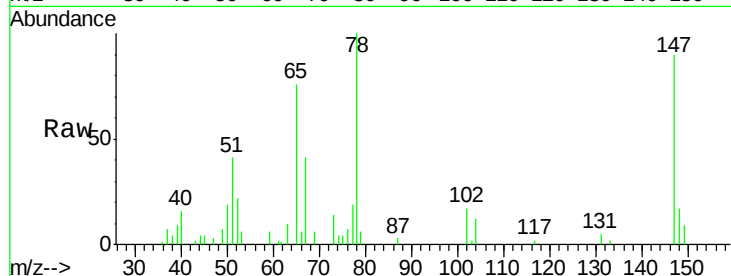




#33
 1,2-Dichloroethane-d4
 Concen: 5.279 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

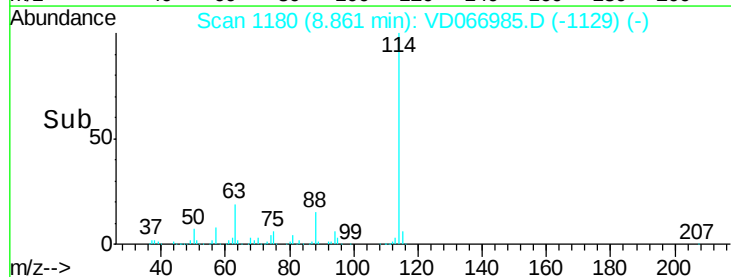
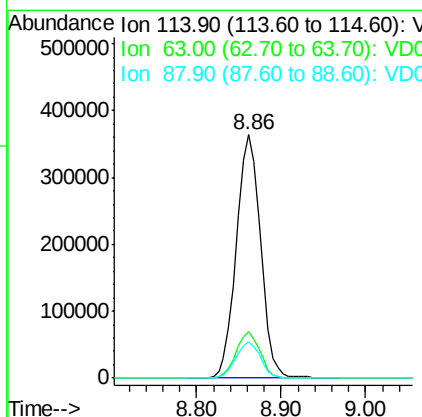
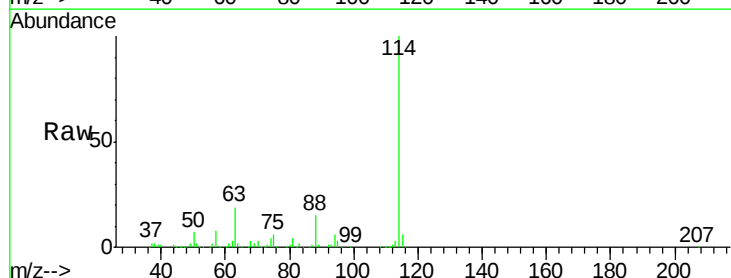
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

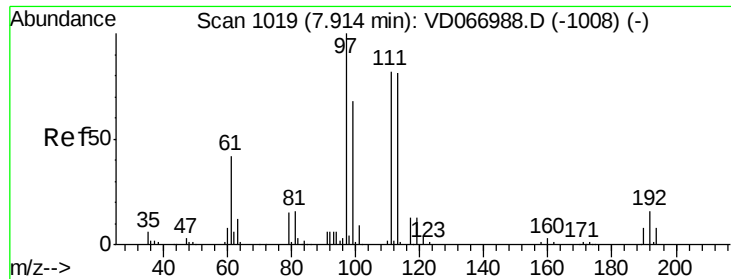
Tgt Ion: 65 Resp: 22732
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

Tgt Ion: 114 Resp: 718942
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 14.7 0.0 31.2

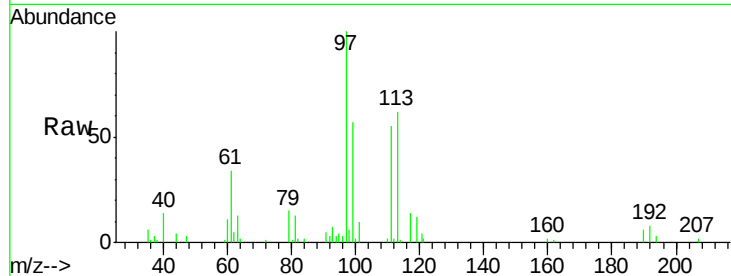




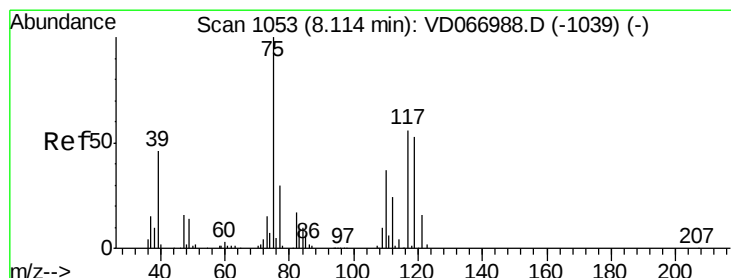
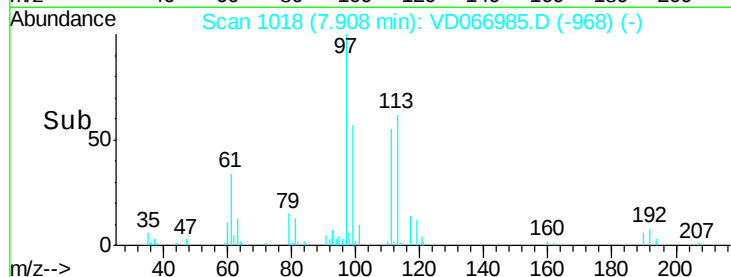
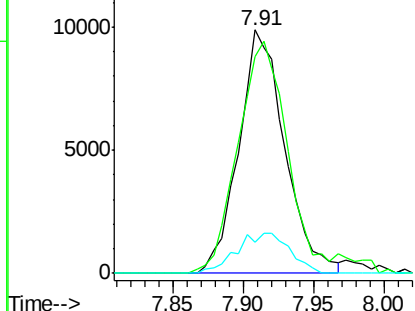
#35
Dibromofluoromethane
Concen: 4.800 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 113 Resp: 22593
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.4
192 19.3 15.5 23.3

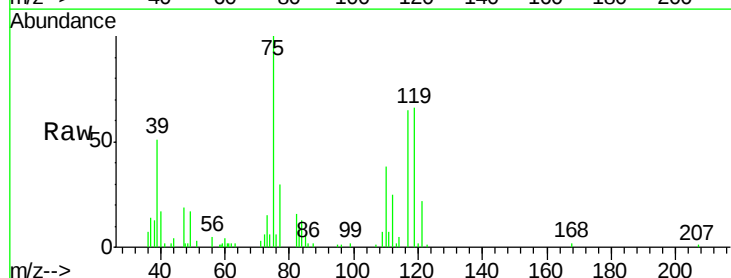


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

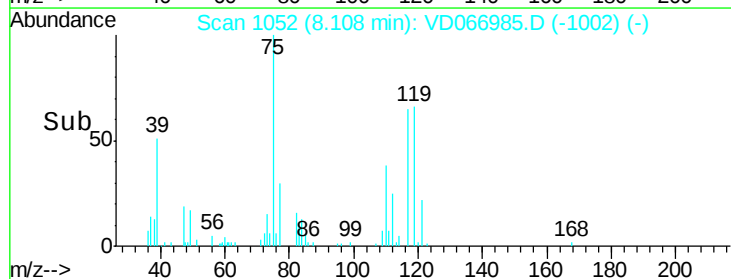
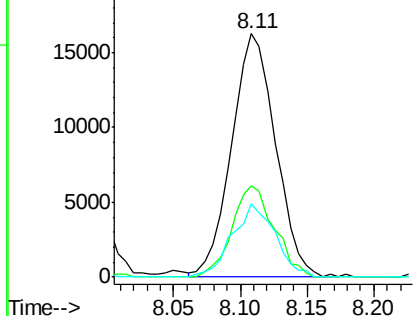


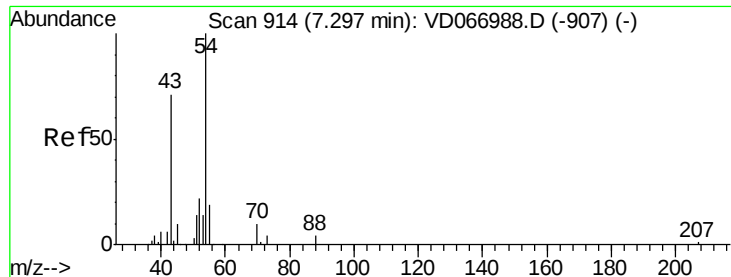
#36
1,1-Dichloropropene
Concen: 5.561 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Tgt Ion: 75 Resp: 37269
Ion Ratio Lower Upper
75 100
110 35.9 18.4 55.0
77 29.4 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

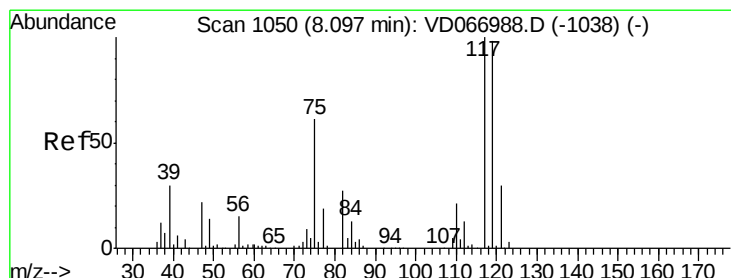
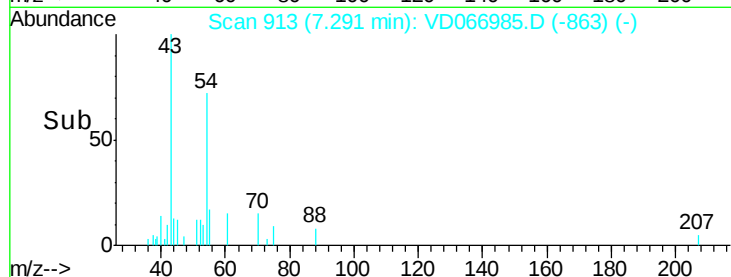
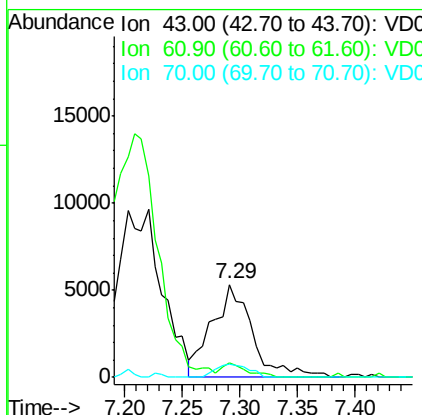
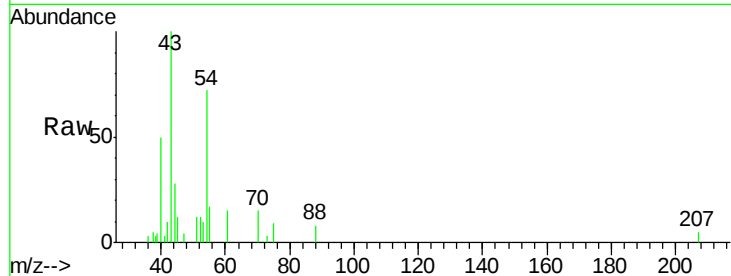




#37
Ethyl Acetate
Concen: 5.593 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

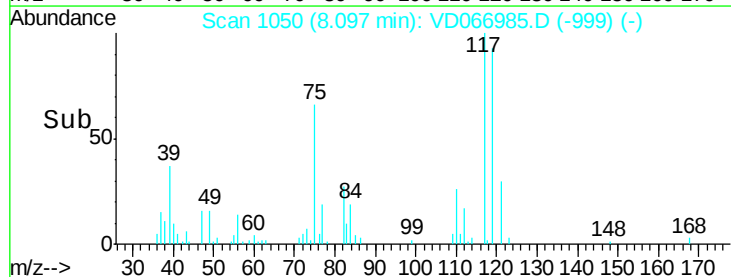
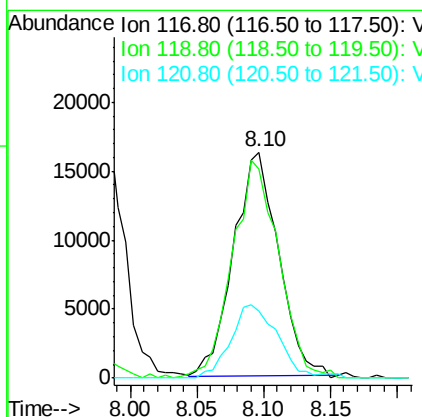
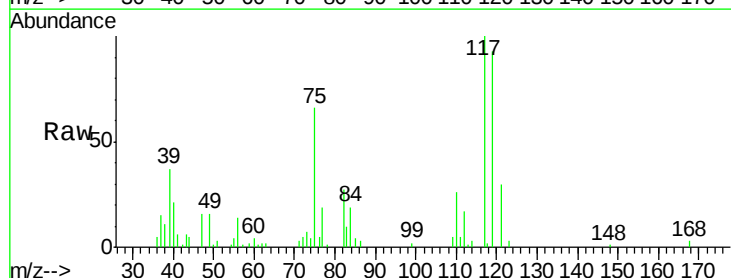
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

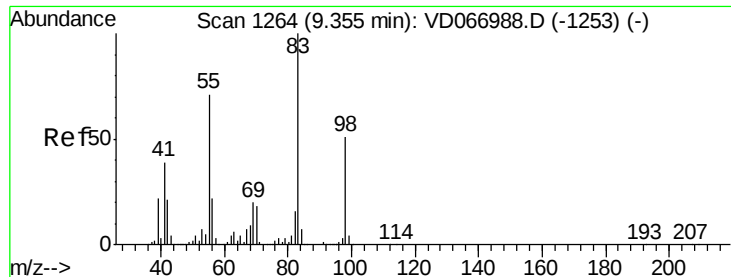
Tgt Ion: 43 Resp: 12985
Ion Ratio Lower Upper
43 100
61 9.6 12.5 18.7#
70 11.6 9.4 14.0



#38
Carbon Tetrachloride
Concen: 5.250 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Tgt Ion: 117 Resp: 38065
Ion Ratio Lower Upper
117 100
119 93.8 78.7 118.1
121 30.1 24.2 36.2

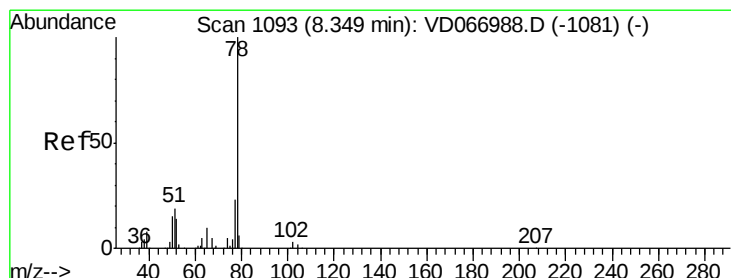
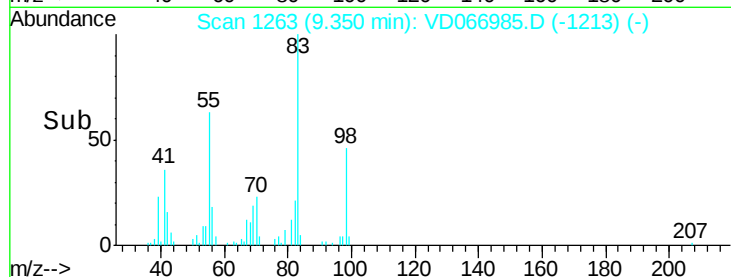
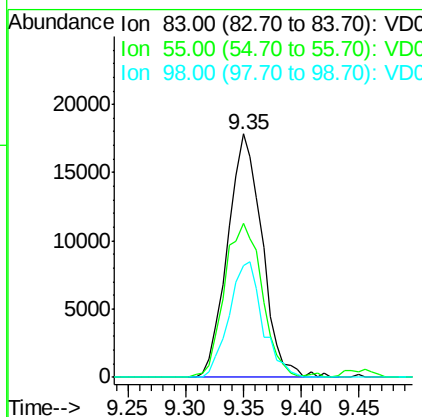
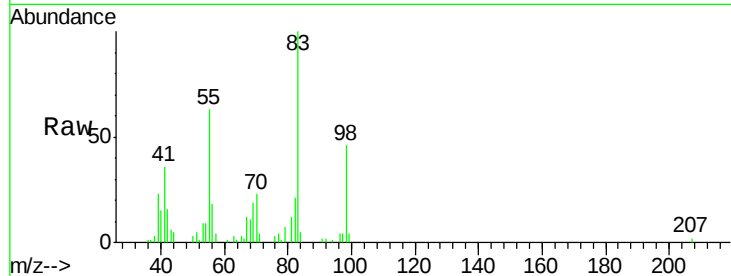




#39
Methylcyclohexane
Concen: 5.199 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

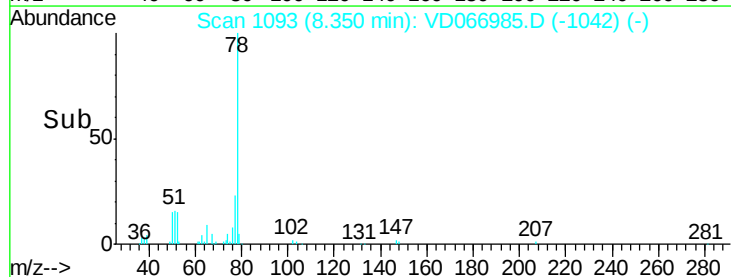
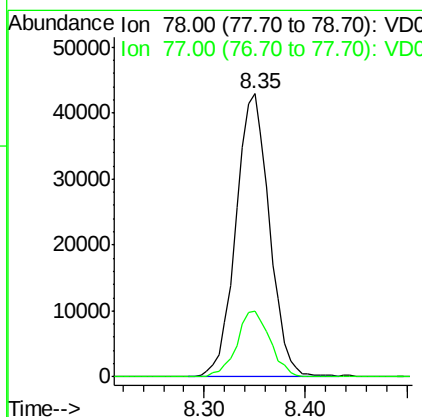
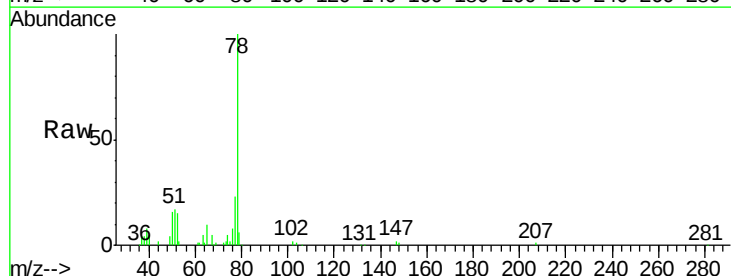
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

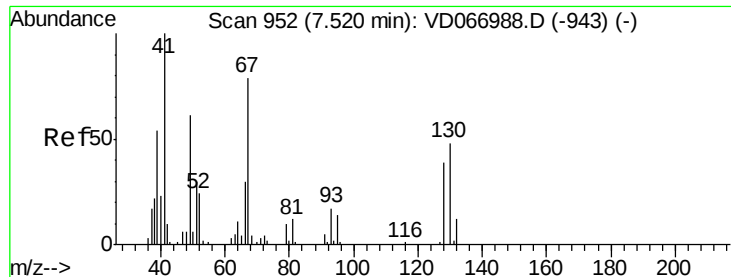
Tgt Ion: 83 Resp: 36837
Ion Ratio Lower Upper
83 100
55 63.0 57.1 85.7
98 46.0 40.9 61.3



#40
Benzene
Concen: 5.282 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Tgt Ion: 78 Resp: 98321
Ion Ratio Lower Upper
78 100
77 23.3 18.4 27.6

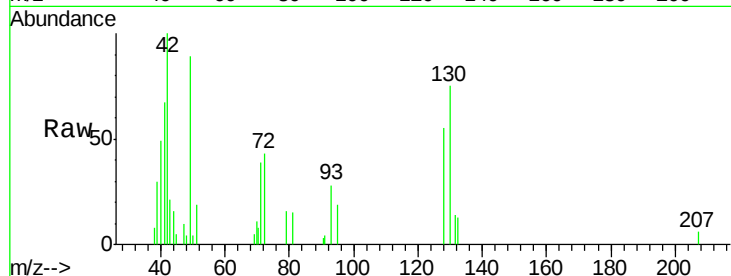




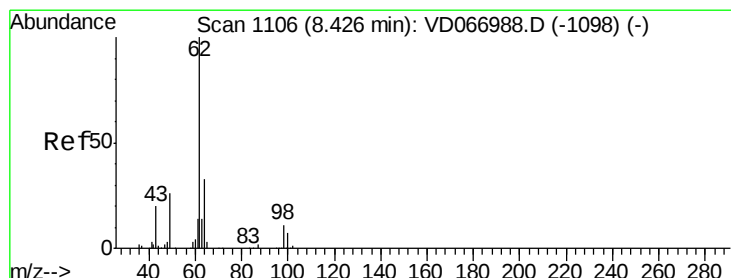
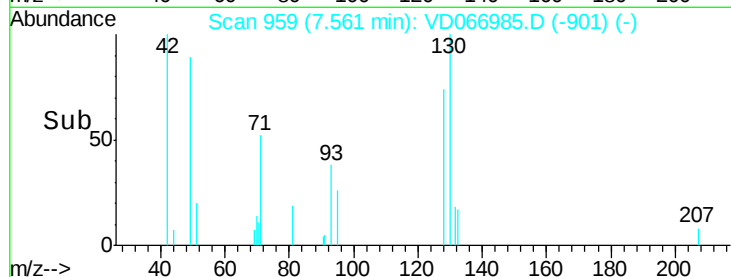
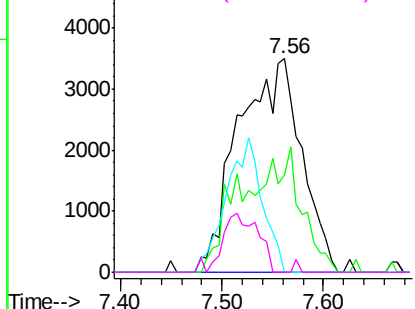
#41
Methacrylonitrile
Concen: 12.043 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	15104
Ion	Ratio	Lower	Upper
41	100		
39	2.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

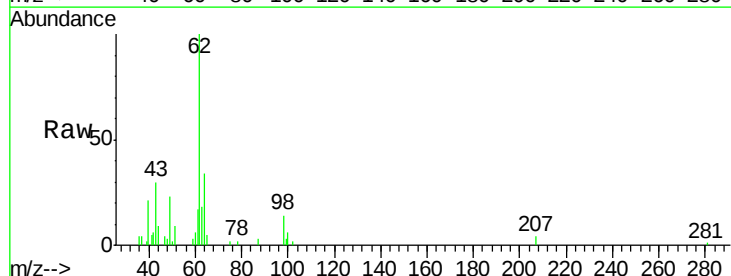


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

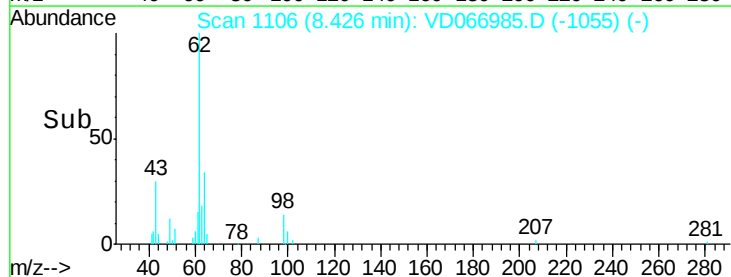
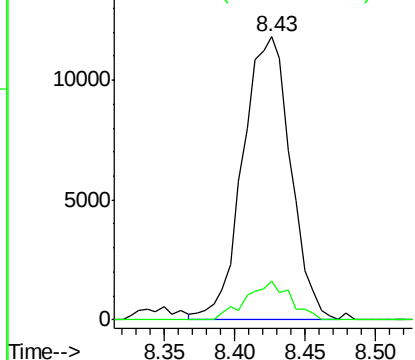


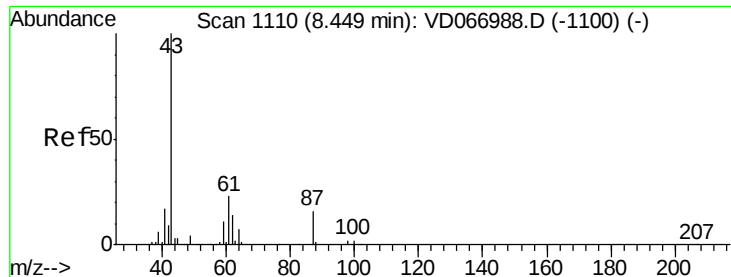
#42
1,2-Dichloroethane
Concen: 5.388 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Tgt Ion:	62	Resp:	28025
Ion	Ratio	Lower	Upper
62	100		
98	12.5	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: 5.068 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

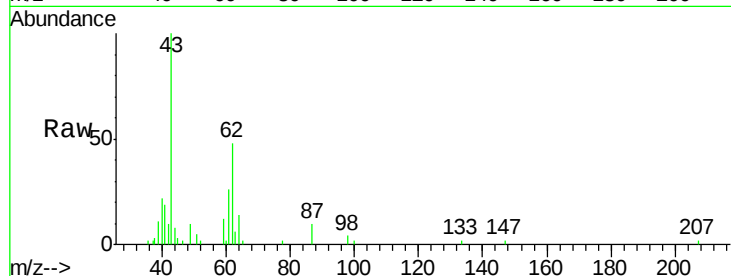
Tgt Ion: 43 Resp: 21676

Ion Ratio Lower Upper

43 100

61 36.6 27.1 40.7

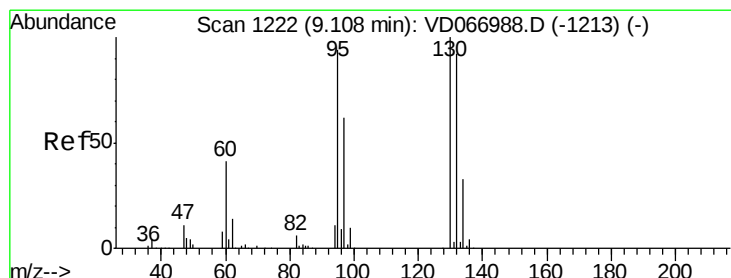
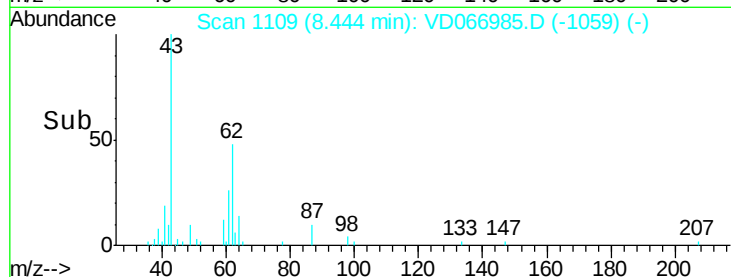
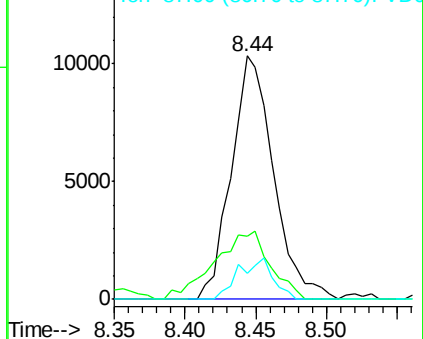
87 13.7 12.3 18.5



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: 5.484 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066985.D

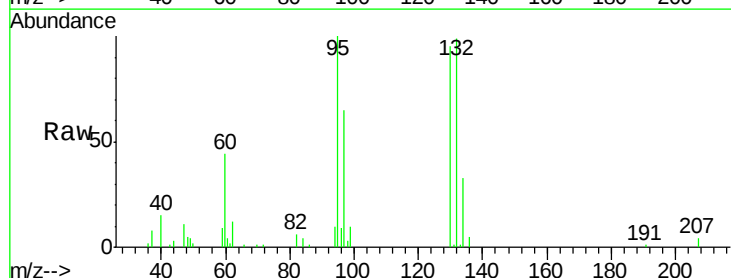
Acq: 01 Oct 2020 11:00

Tgt Ion: 130 Resp: 30483

Ion Ratio Lower Upper

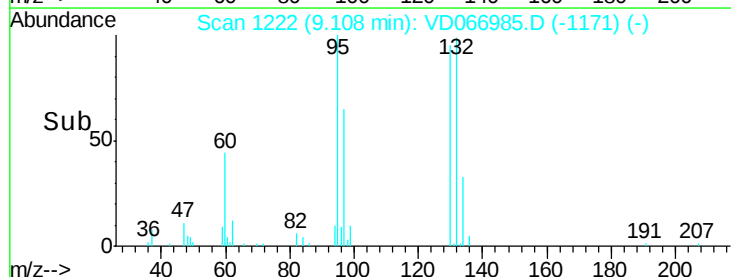
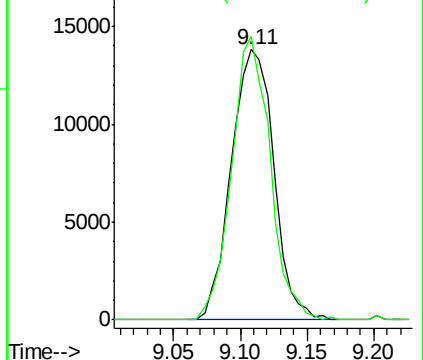
130 100

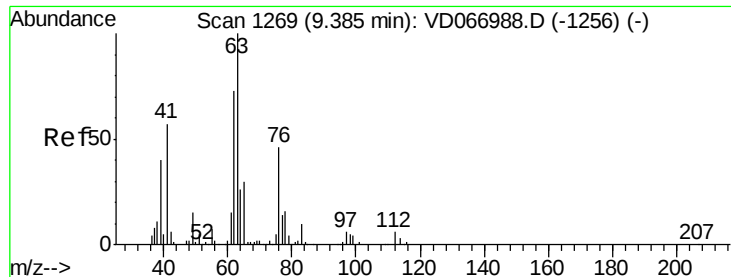
95 104.9 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

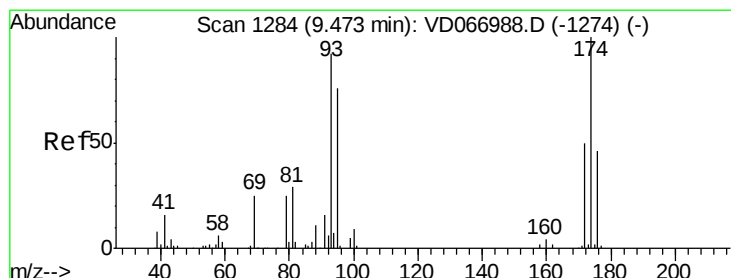
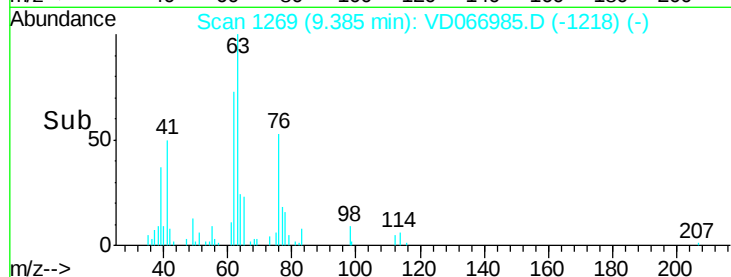
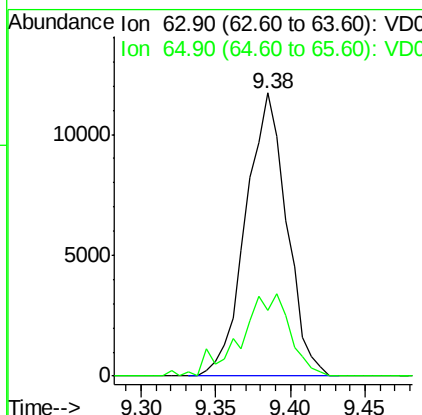
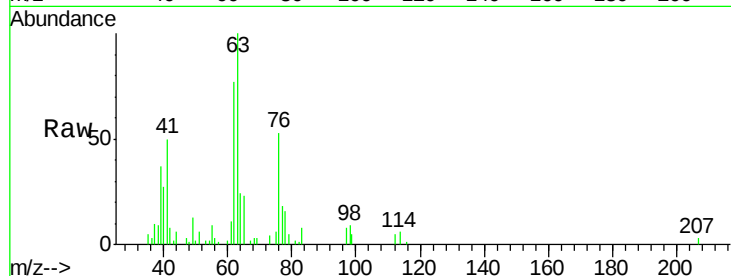




#45
 1,2-Dichloropropane
 Concen: 5.086 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

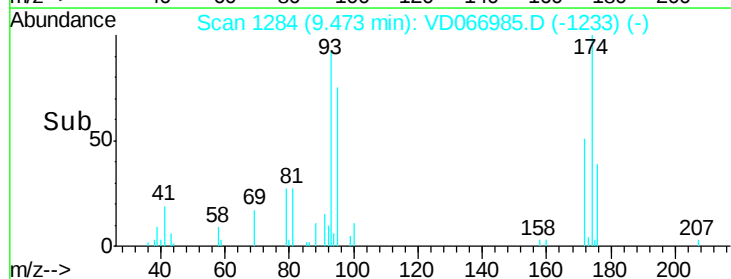
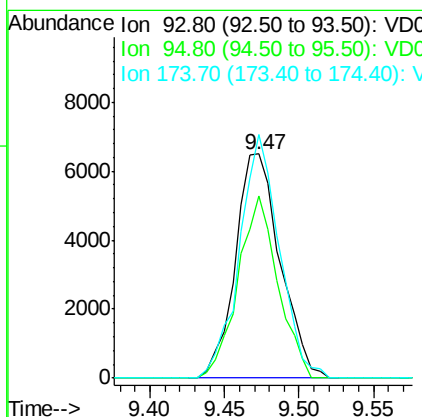
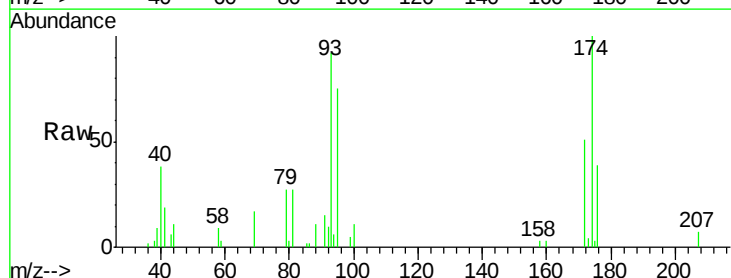
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

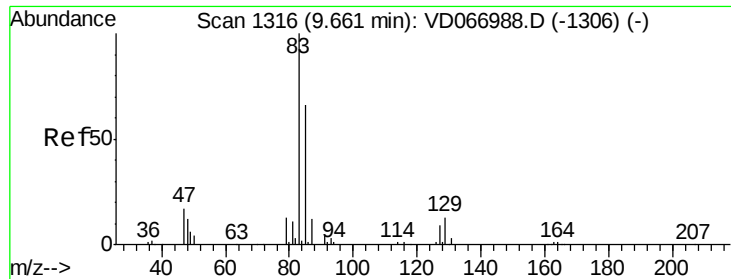
Tgt Ion: 63 Resp: 22244
 Ion Ratio Lower Upper
 63 100
 65 23.1 23.7 35.5#



#46
 Dibromomethane
 Concen: 5.399 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

Tgt Ion: 93 Resp: 13572
 Ion Ratio Lower Upper
 93 100
 95 72.0 64.7 97.1
 174 96.5 81.4 122.2





#47

Bromodichloromethane

Concen: 5.134 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

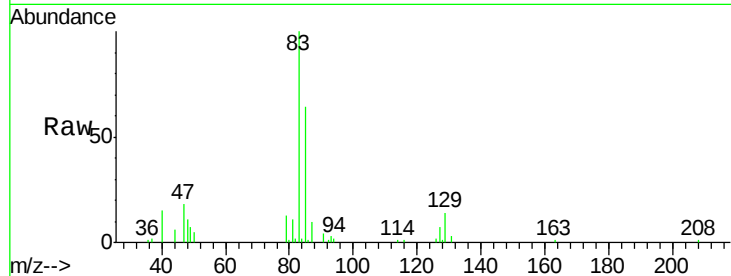
Tgt Ion: 83 Resp: 33549

Ion Ratio Lower Upper

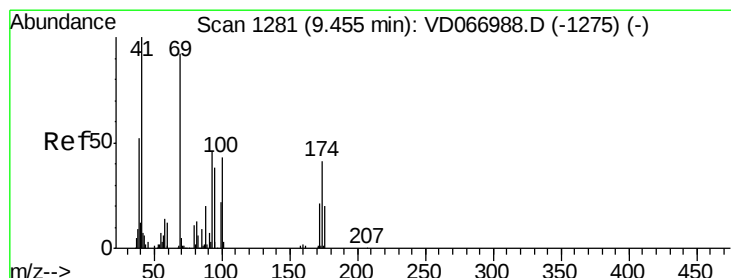
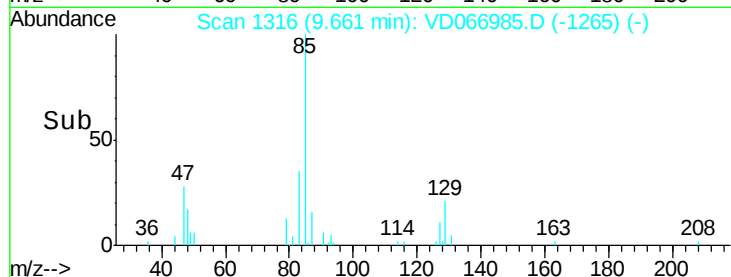
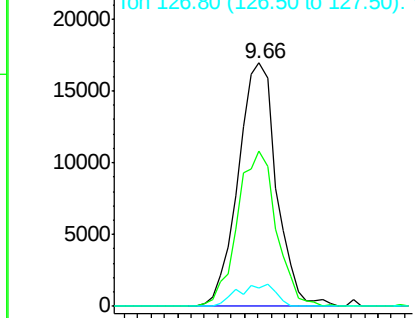
83 100

85 64.0 52.9 79.3

127 7.3 7.3 10.9



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



#48

Methyl methacrylate

Concen: 5.001 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

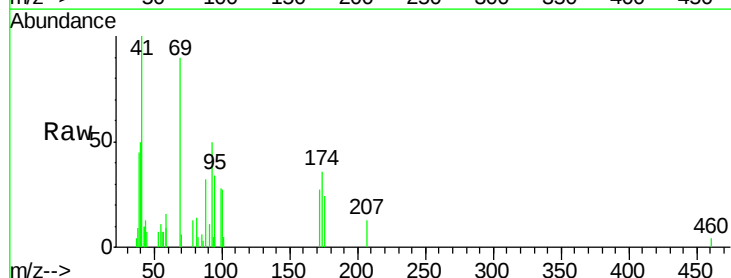
Tgt Ion: 41 Resp: 10957

Ion Ratio Lower Upper

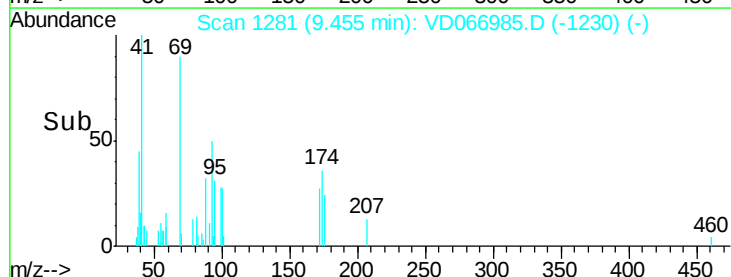
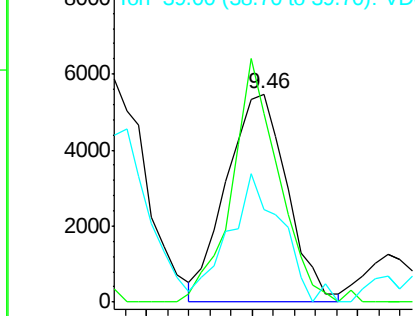
41 100

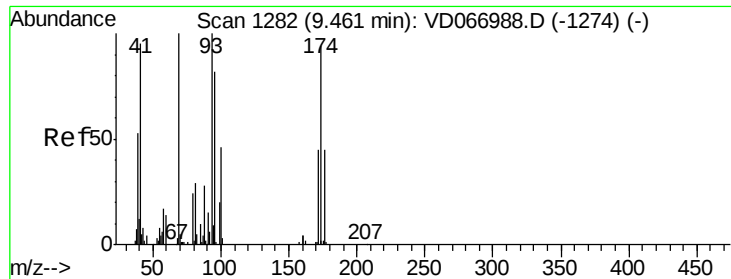
69 88.6 68.5 102.7

39 53.6 40.2 60.2



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

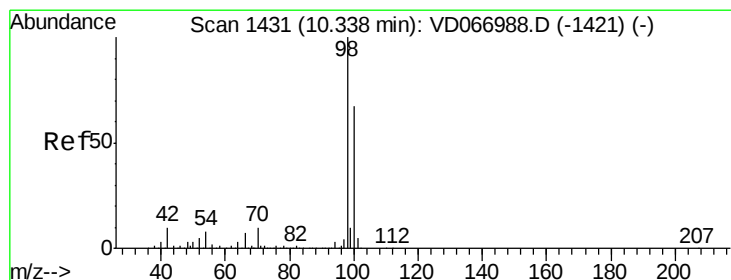
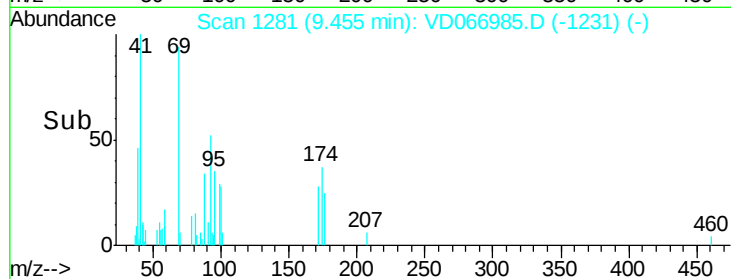
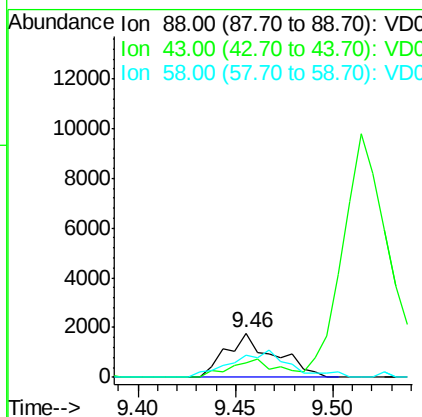
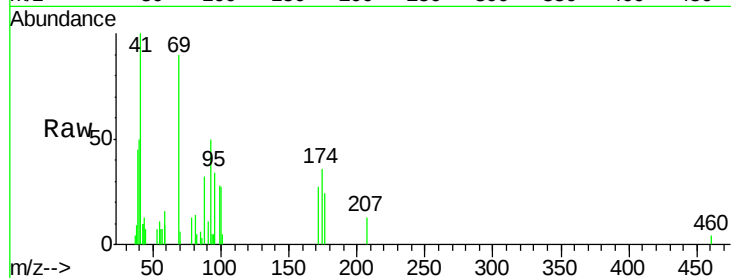




#49
 1,4-Dioxane
 Concen: 115.536 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

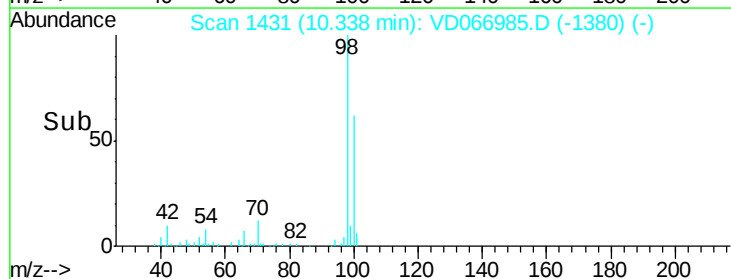
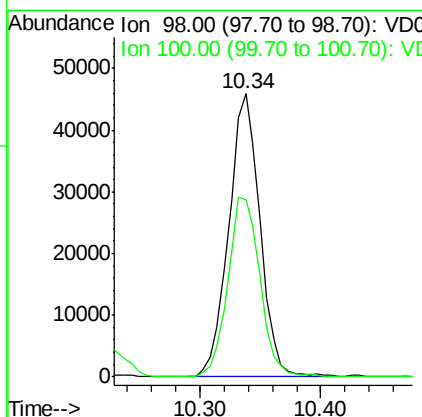
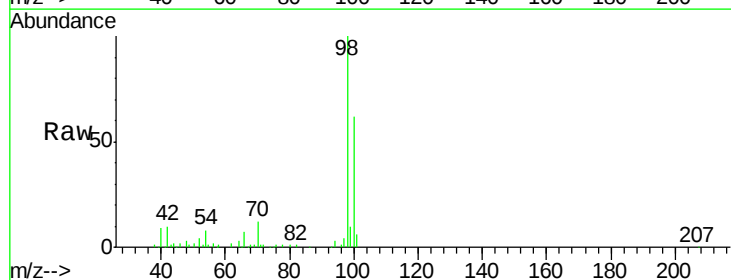
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

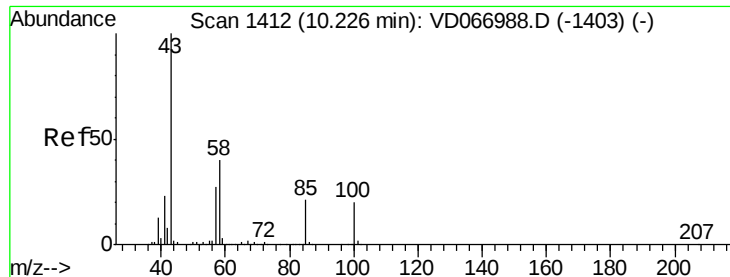
Tgt Ion: 88 Resp: 3031
 Ion Ratio Lower Upper
 88 100
 43 38.2 25.6 38.4
 58 73.5 53.5 80.3



#50
 Toluene-d8
 Concen: 4.815 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

Tgt Ion: 98 Resp: 82580
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.8 79.2

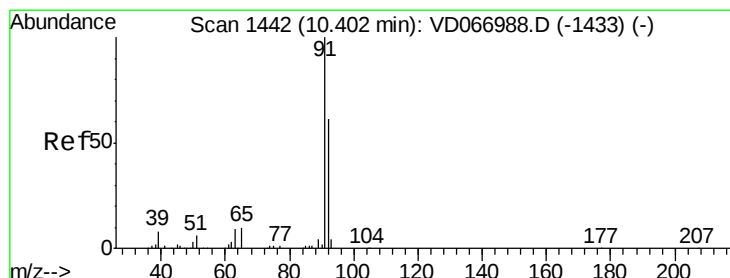
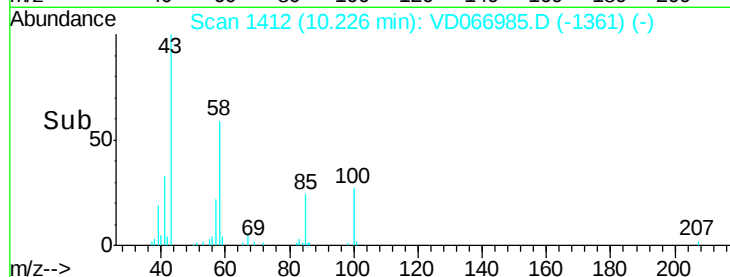
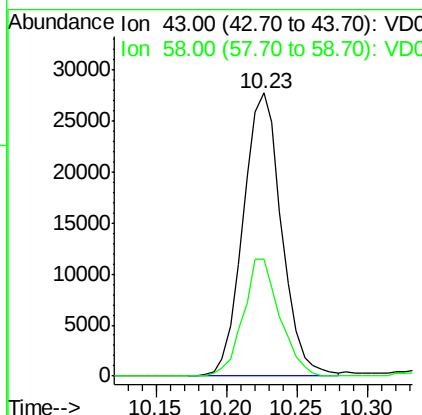
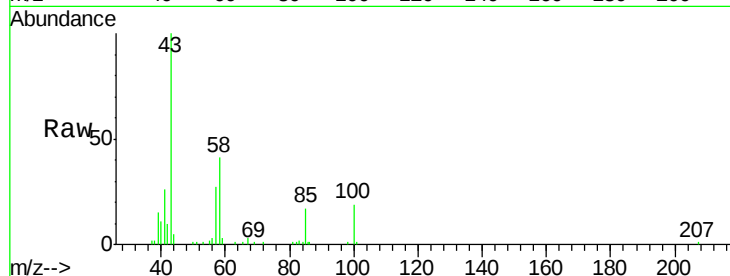




#51
 4-Methyl-2-Pentanone
 Concen: 24.848 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

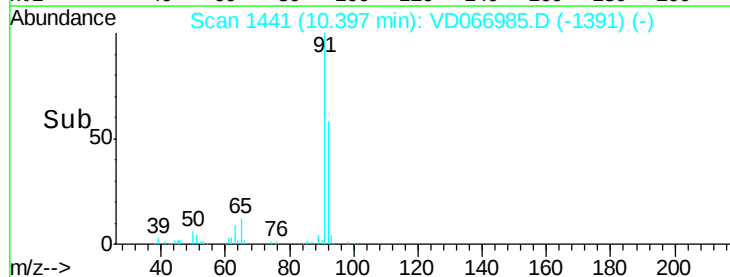
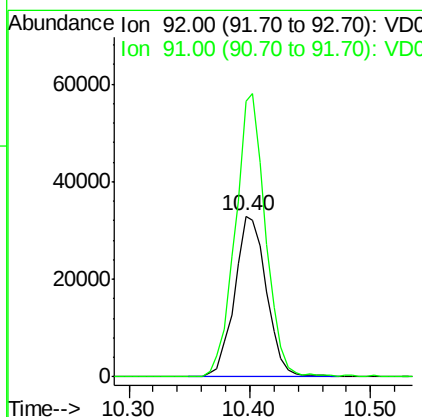
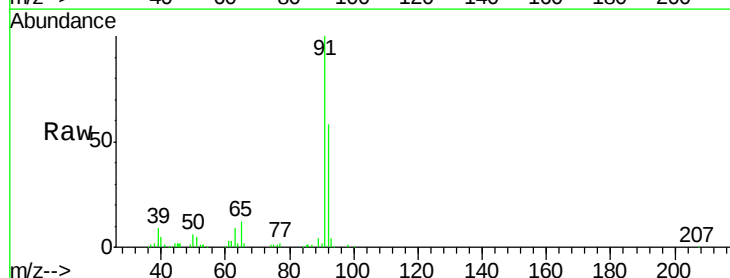
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

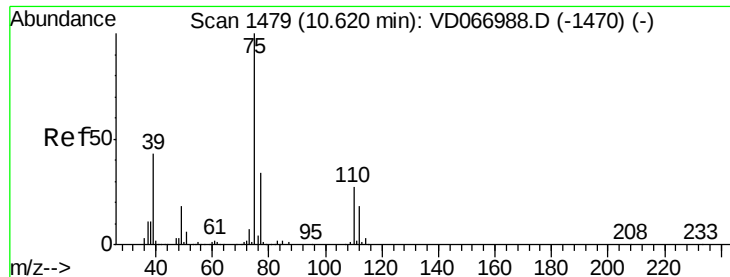
Tgt Ion: 43 Resp: 52933
 Ion Ratio Lower Upper
 43 100
 58 39.4 33.8 50.8



#52
 Toluene
 Concen: 5.051 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

Tgt Ion: 92 Resp: 60566
 Ion Ratio Lower Upper
 92 100
 91 167.4 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 5.040 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

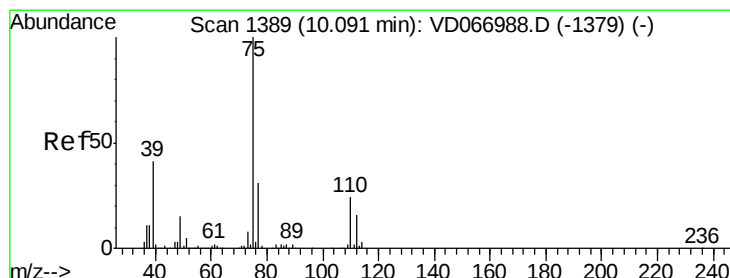
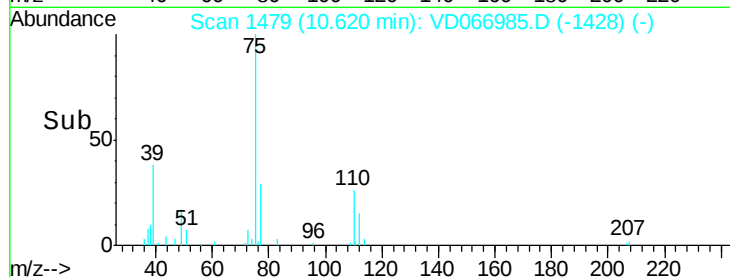
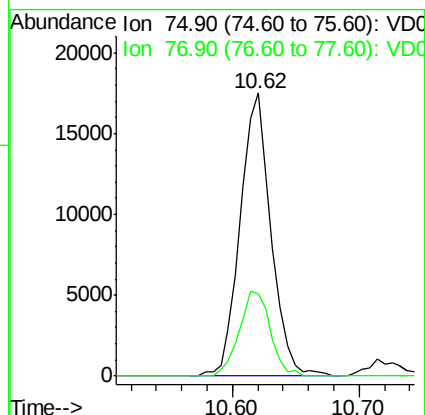
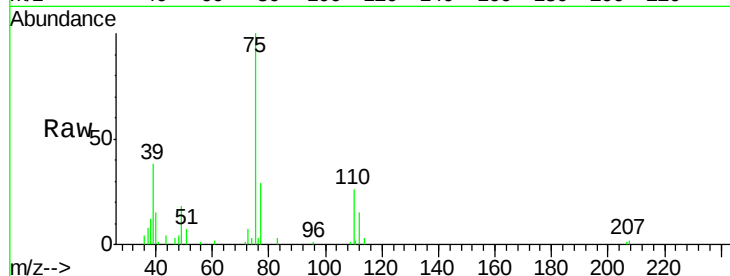
VSTDIC005

Tgt Ion: 75 Resp: 29434

Ion Ratio Lower Upper

75 100

77 29.3 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 5.030 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

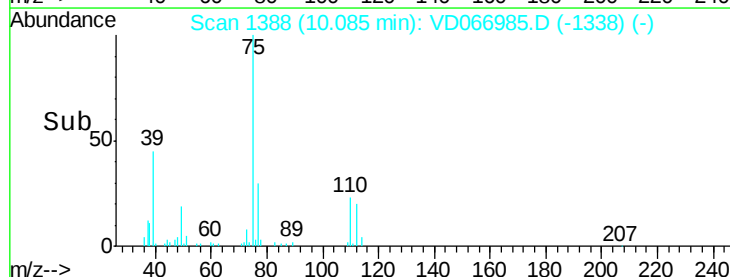
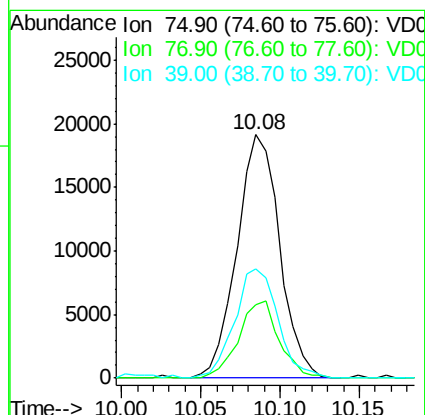
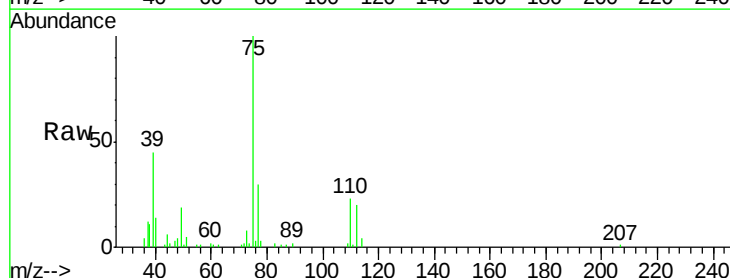
Tgt Ion: 75 Resp: 35871

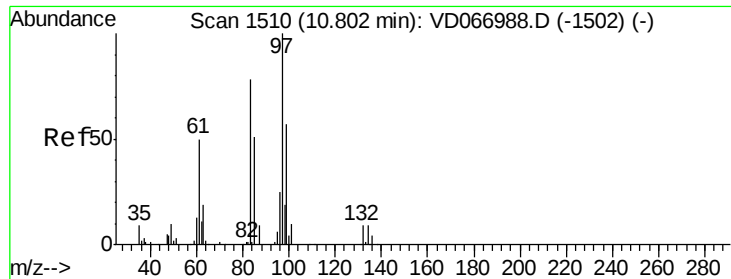
Ion Ratio Lower Upper

75 100

77 30.2 24.6 37.0

39 45.1 33.0 49.4

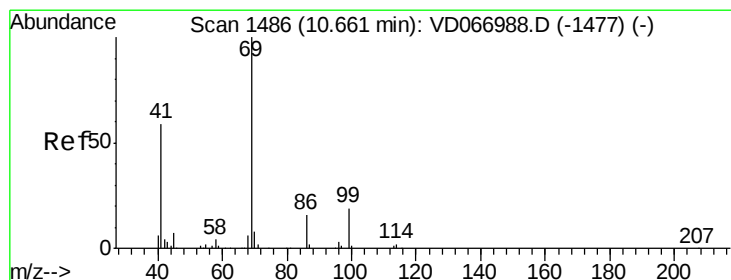
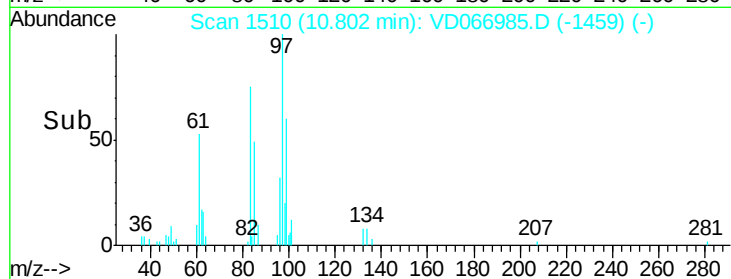
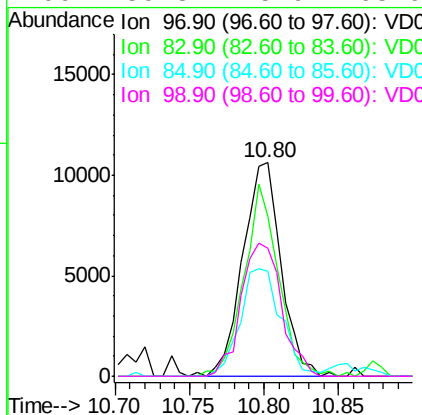
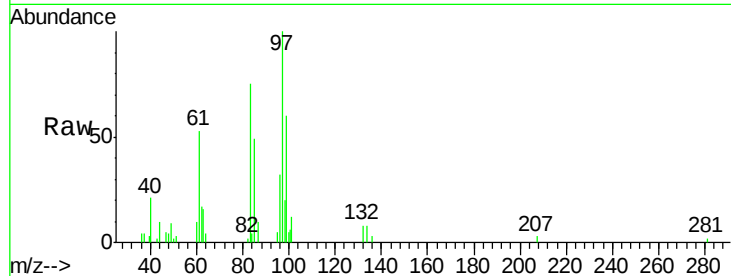




#55
 1,1,2-Trichloroethane
 Concen: 5.398 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

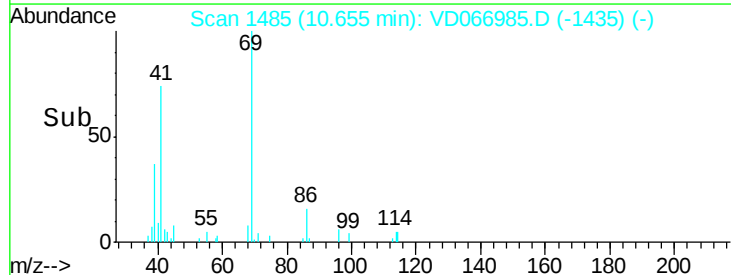
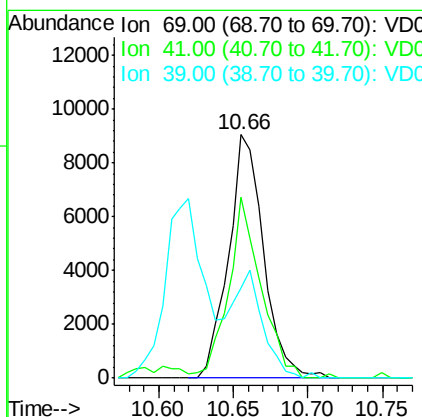
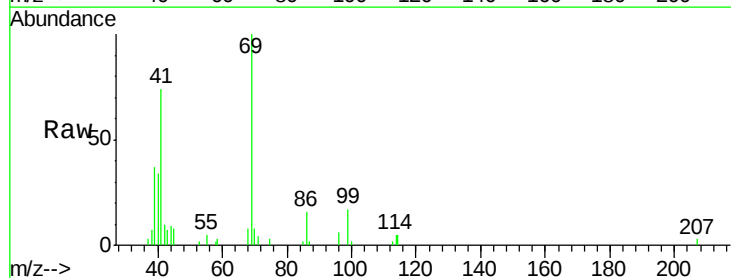
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

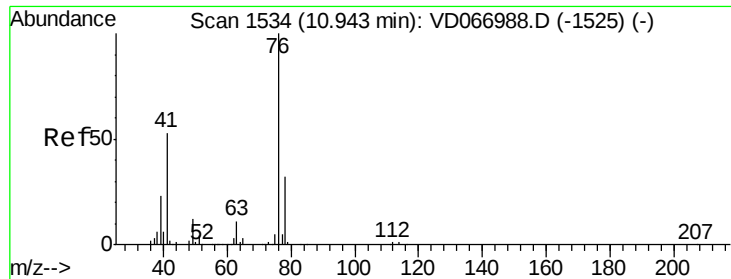
Tgt Ion:	97	Resp:	18865
Ion	Ratio	Lower	Upper
97	100		
83	74.7	62.4	93.6
85	49.3	41.0	61.4
99	59.8	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 4.128 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

Tgt Ion:	69	Resp:	14893
Ion	Ratio	Lower	Upper
69	100		
41	68.9	46.4	69.6
39	36.2	23.8	35.6#

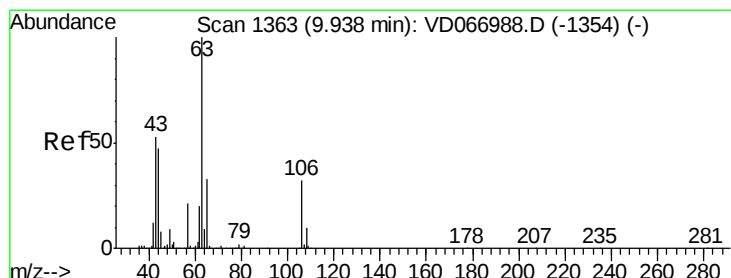
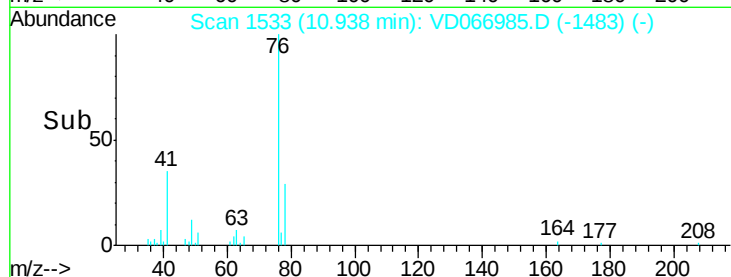
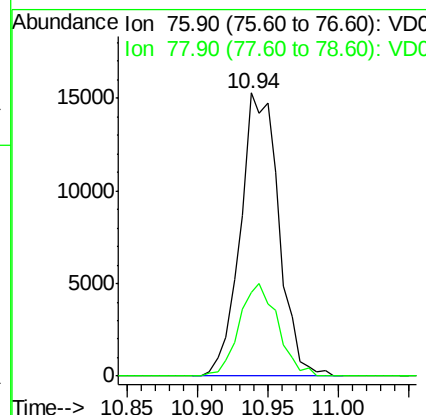
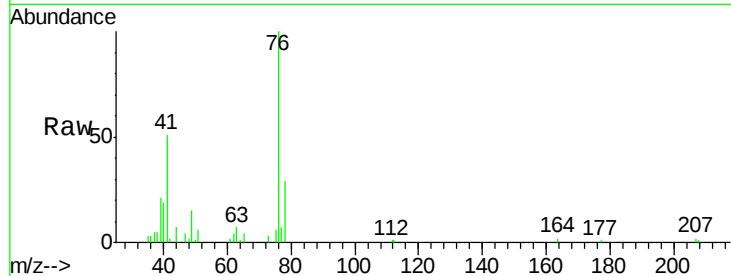




#57
 1,3-Dichloropropane
 Concen: 5.127 ug/l
 RT: 10.94 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

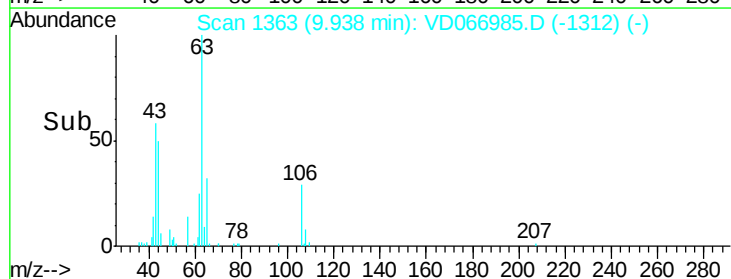
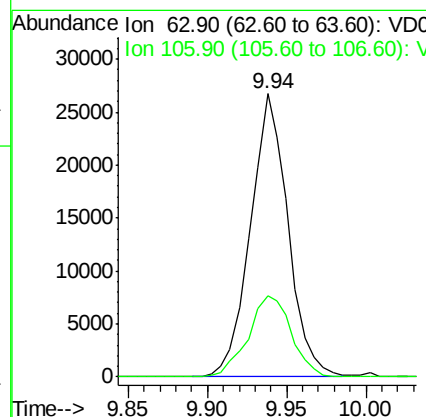
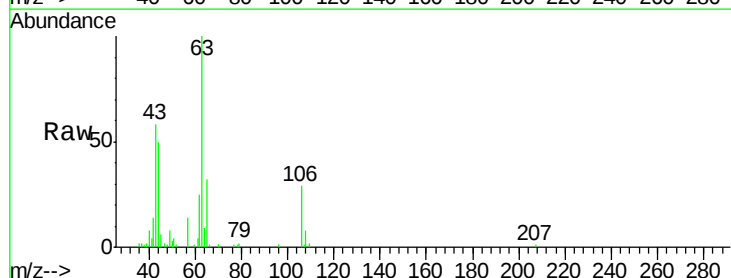
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

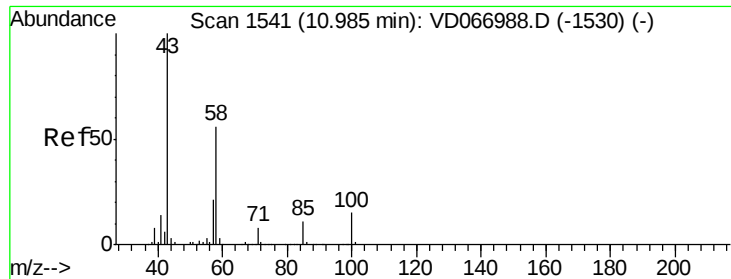
Tgt Ion: 76 Resp: 29055
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 21.922 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

Tgt Ion: 63 Resp: 44023
 Ion Ratio Lower Upper
 63 100
 106 32.6 25.3 37.9

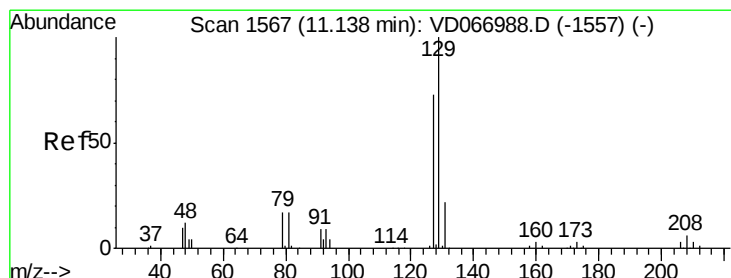
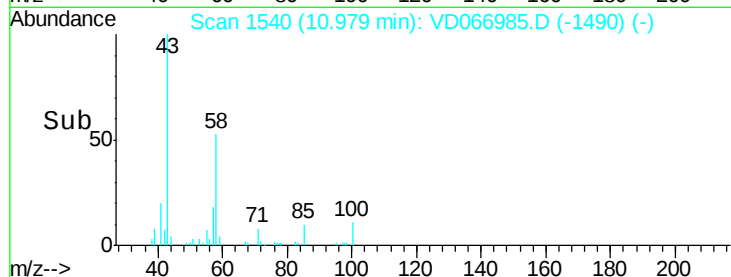
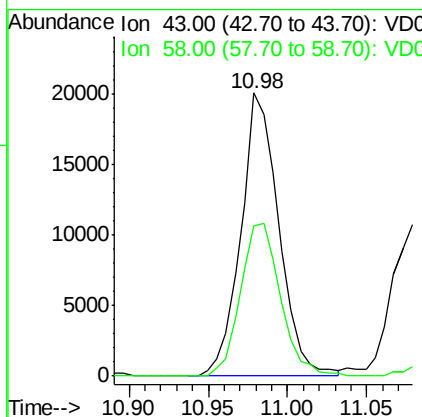
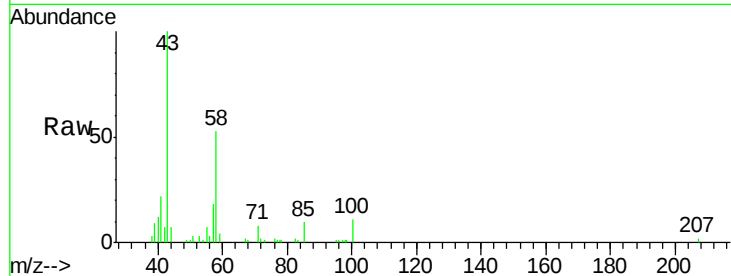




#59
2-Hexanone
Concen: 23.534 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

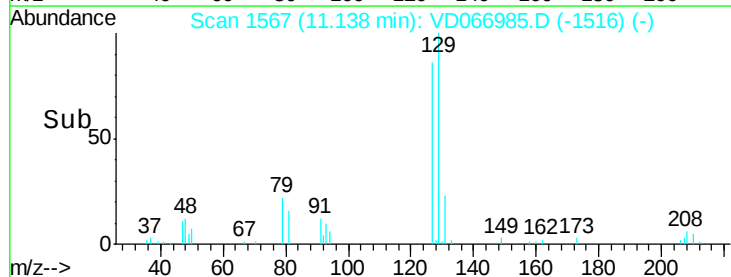
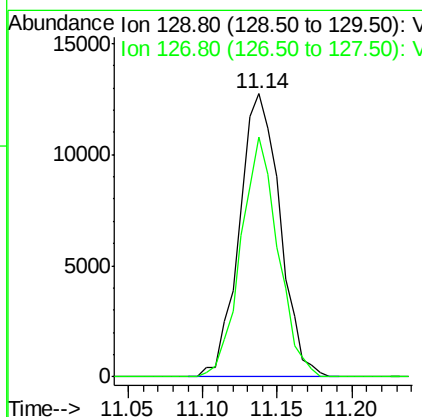
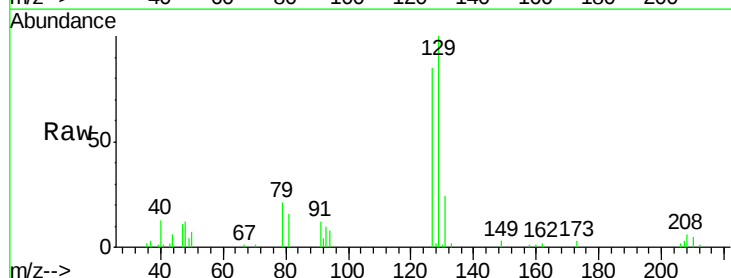
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

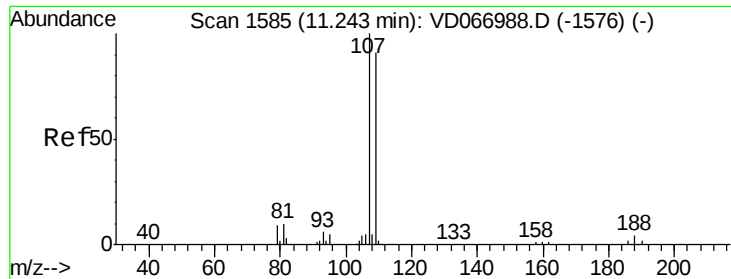
Tgt Ion: 43 Resp: 33461
Ion Ratio Lower Upper
43 100
58 56.7 28.3 84.9



#60
Dibromochloromethane
Concen: 5.156 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Tgt Ion: 129 Resp: 24014
Ion Ratio Lower Upper
129 100
127 77.3 37.4 112.1

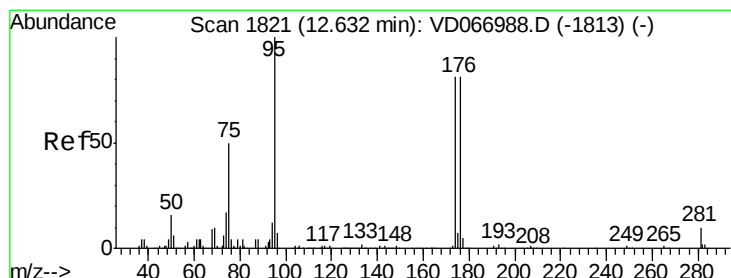
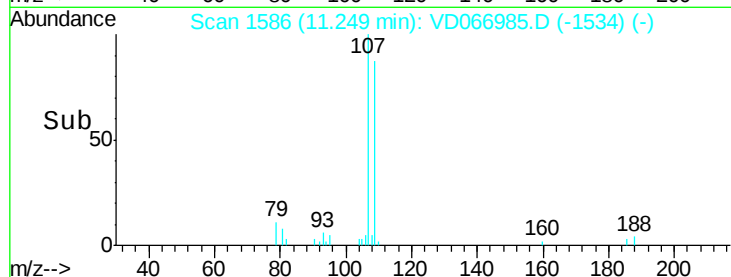
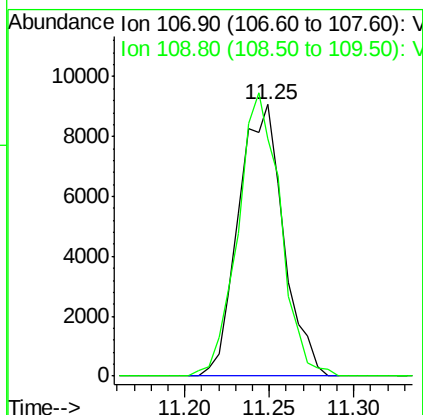
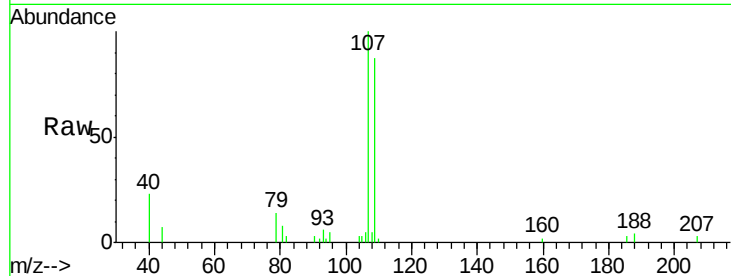




#61
 1,2-Dibromoethane
 Concen: 4.997 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

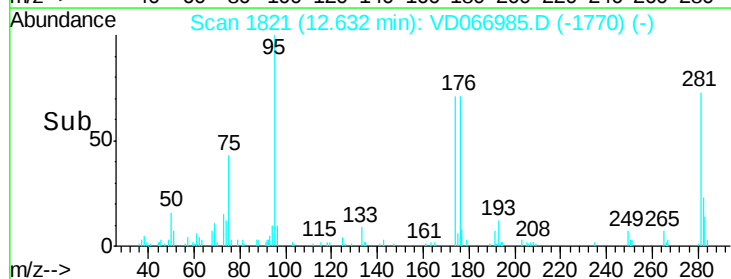
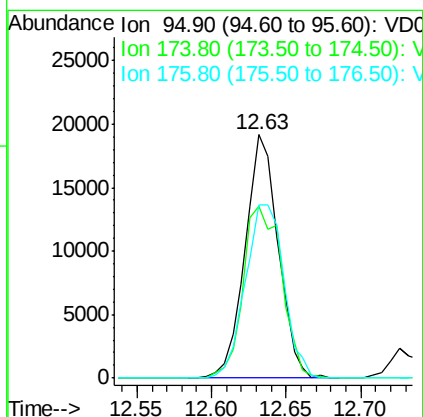
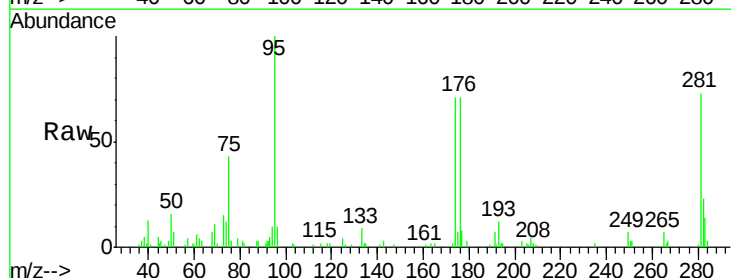
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

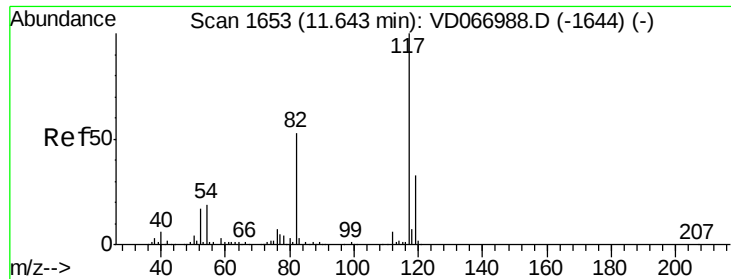
Tgt Ion: 107 Resp: 16776
 Ion Ratio Lower Upper
 107 100
 109 98.8 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 5.048 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

Tgt Ion: 95 Resp: 29392
 Ion Ratio Lower Upper
 95 100
 174 82.3 0.0 167.6
 176 83.2 0.0 162.4

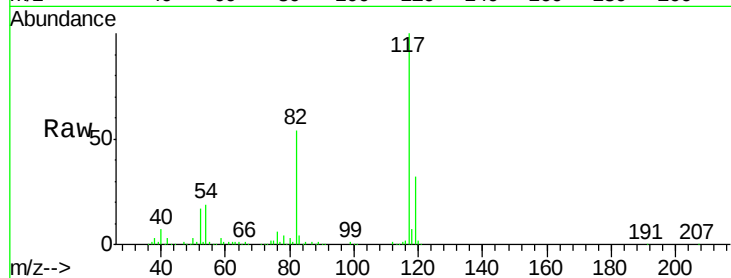




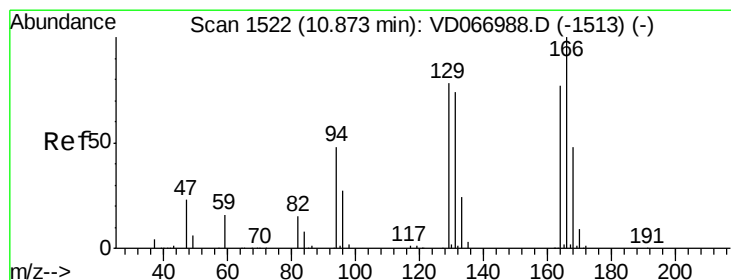
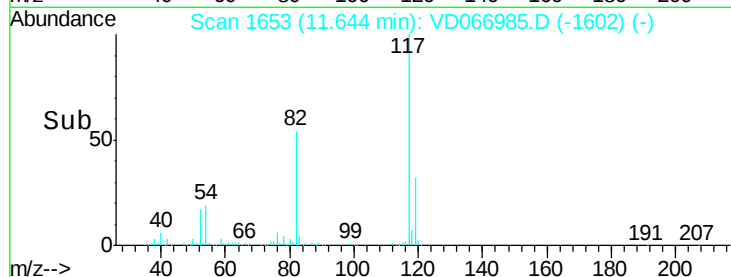
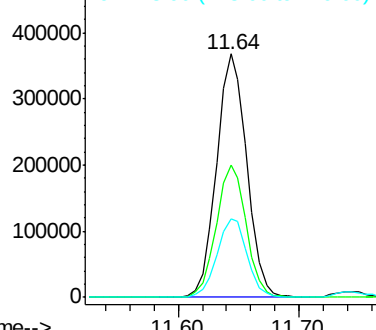
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 641735
Ion Ratio Lower Upper
117 100
82 54.3 42.6 63.8
119 32.0 26.3 39.5

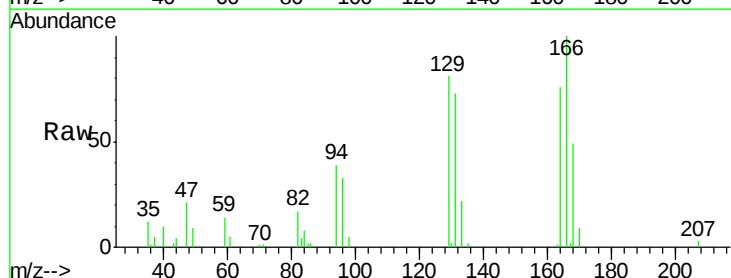


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

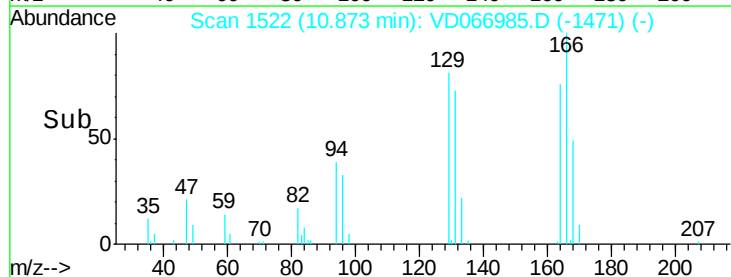
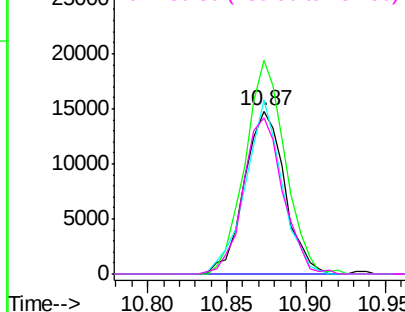


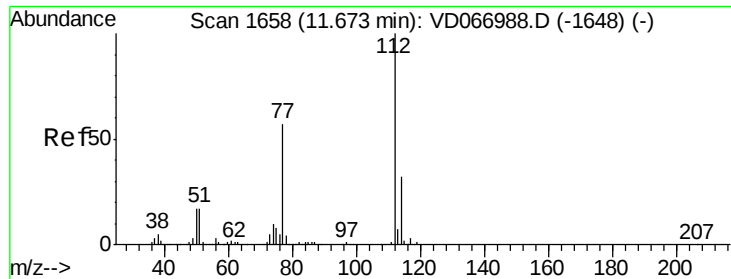
#64
Tetrachloroethene
Concen: 5.609 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Tgt Ion:164 Resp: 26170
Ion Ratio Lower Upper
164 100
166 131.4 104.4 156.6
129 107.0 81.3 121.9
131 96.4 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

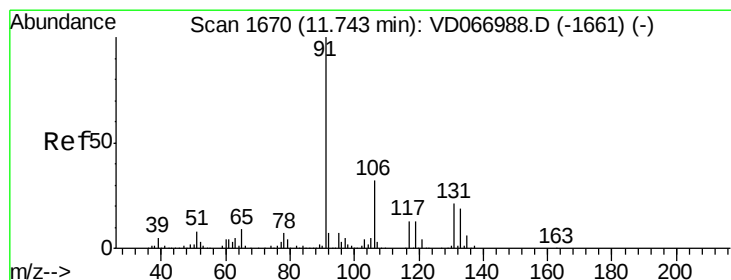
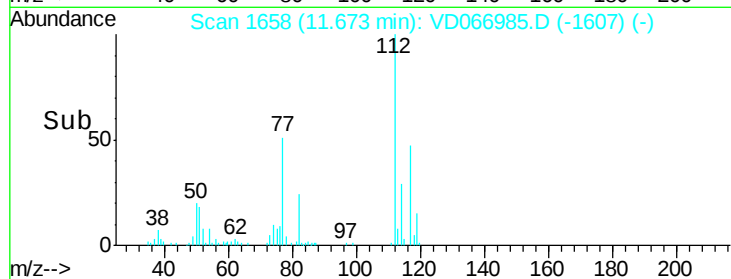
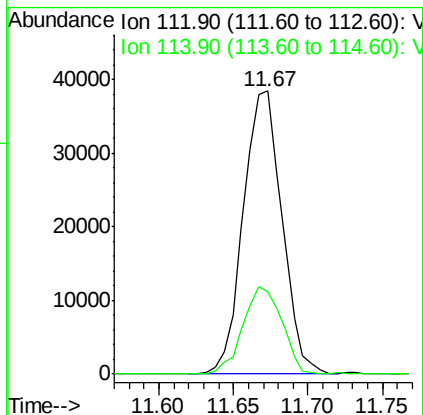
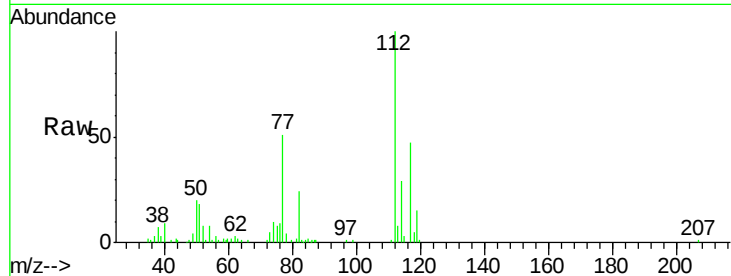




#65
Chlorobenzene
Concen: 5.404 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

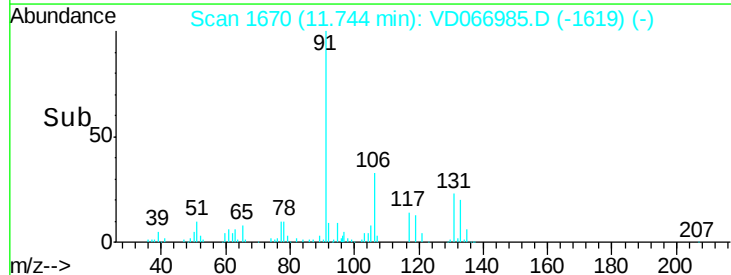
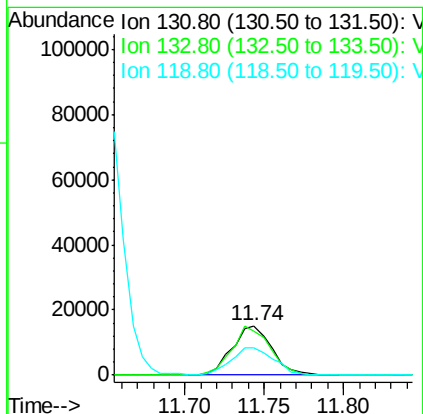
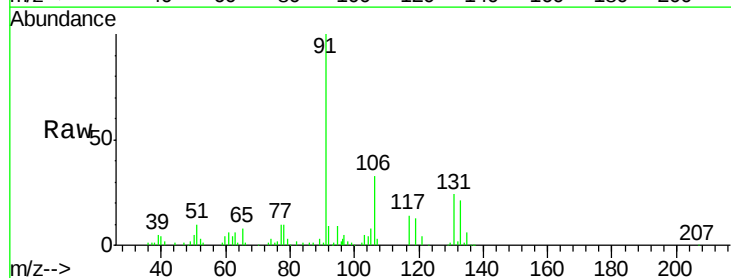
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

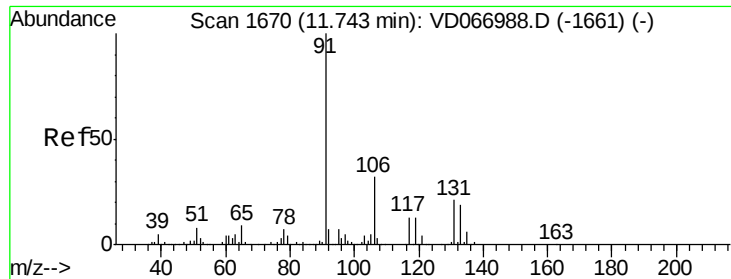
Tgt Ion:112 Resp: 68977
Ion Ratio Lower Upper
112 100
114 29.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 5.401 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Tgt Ion:131 Resp: 26220
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.3
119 60.2 32.3 96.8

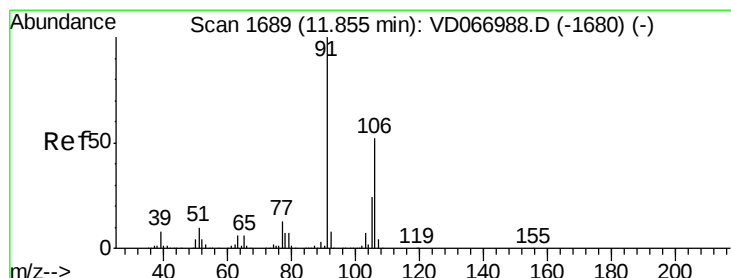
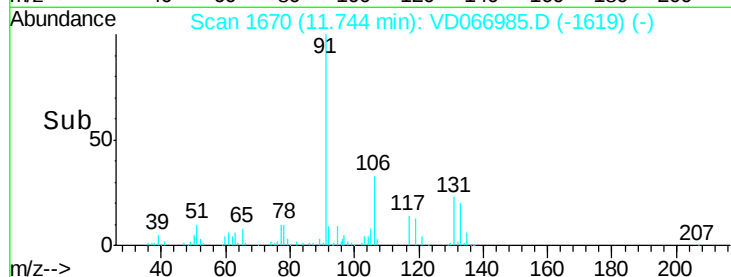
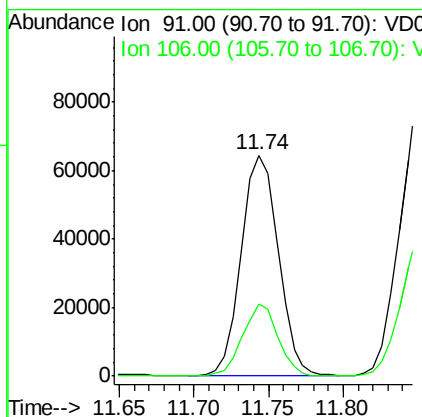
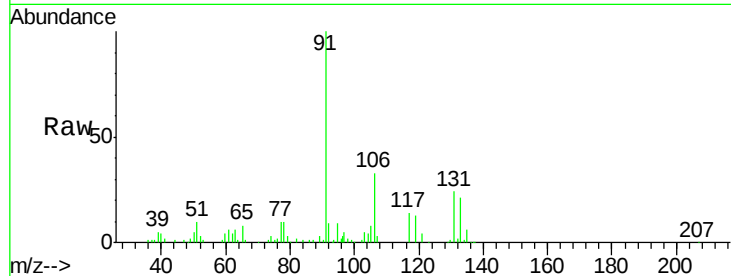




#67
Ethyl Benzene
Concen: 5.100 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

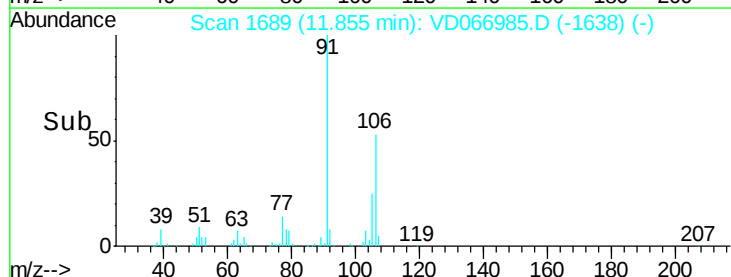
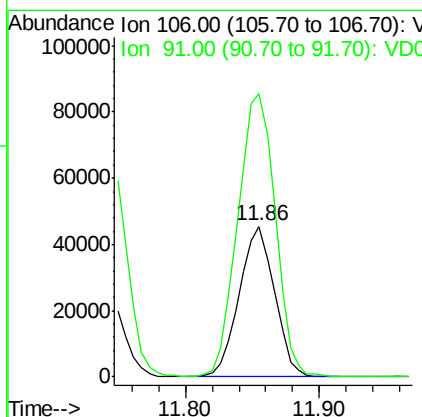
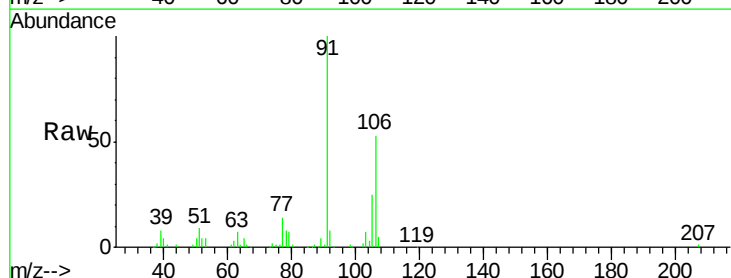
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

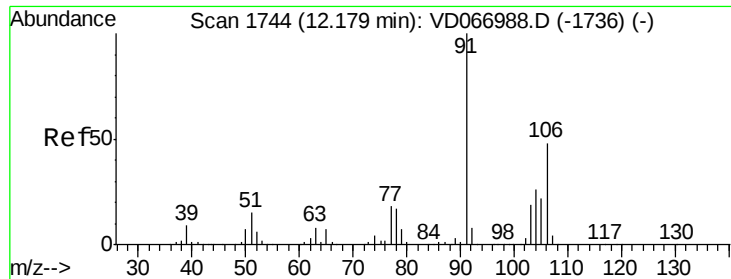
Tgt Ion: 91 Resp: 111522
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.2



#68
m/p-Xylenes
Concen: 9.785 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Tgt Ion: 106 Resp: 83390
Ion Ratio Lower Upper
106 100
91 200.0 158.4 237.6

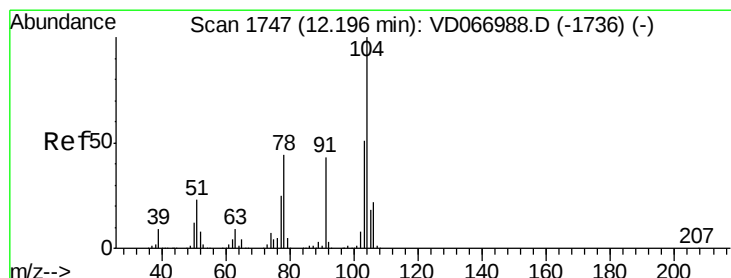
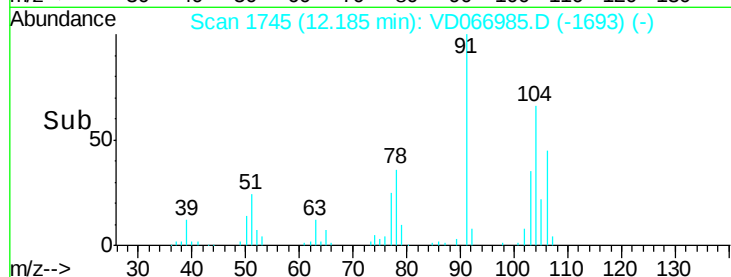
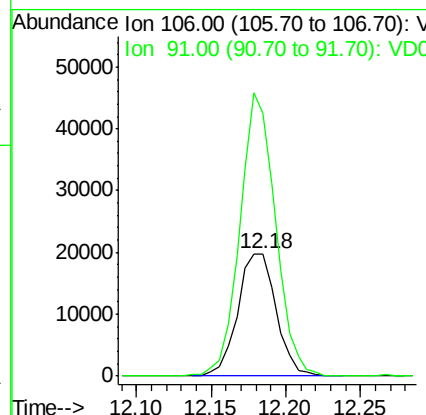
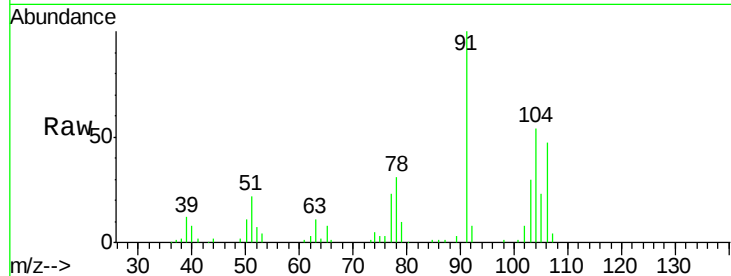




#69
o-Xylene
Concen: 4.656 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

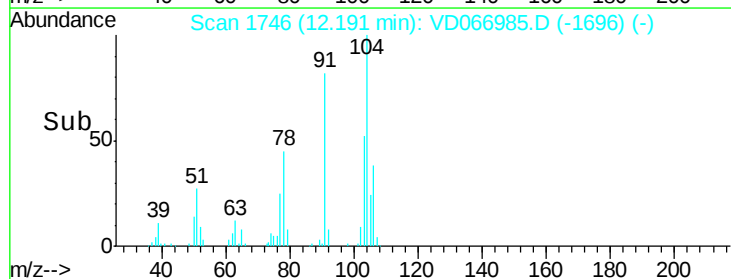
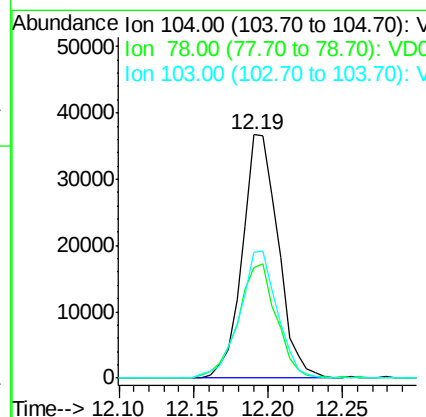
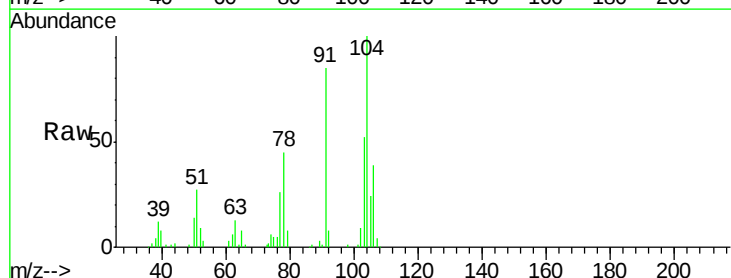
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

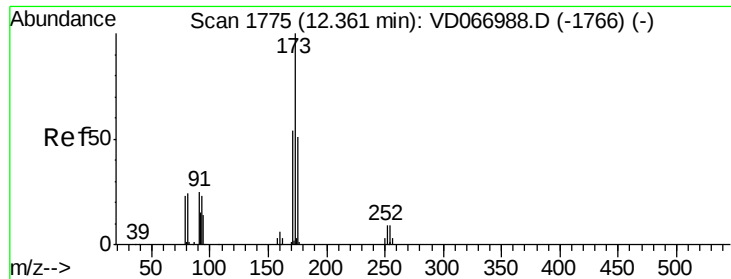
Tgt Ion:106 Resp: 35487
Ion Ratio Lower Upper
106 100
91 212.9 102.4 307.2



#70
Styrene
Concen: 4.643 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Tgt Ion:104 Resp: 60761
Ion Ratio Lower Upper
104 100
78 50.6 38.6 58.0
103 55.3 43.4 65.0





#71

Bromoform

Concen: 5.516 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

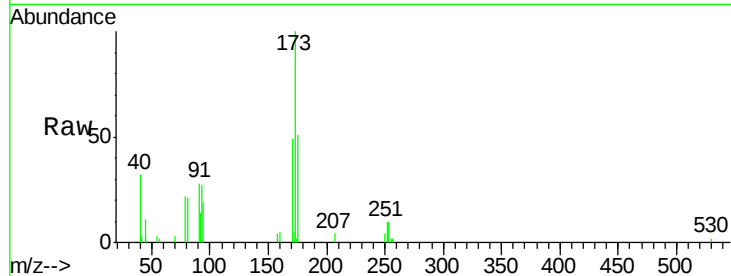
Tgt Ion:173 Resp: 13900

Ion Ratio Lower Upper

173 100

175 49.5 24.9 74.7

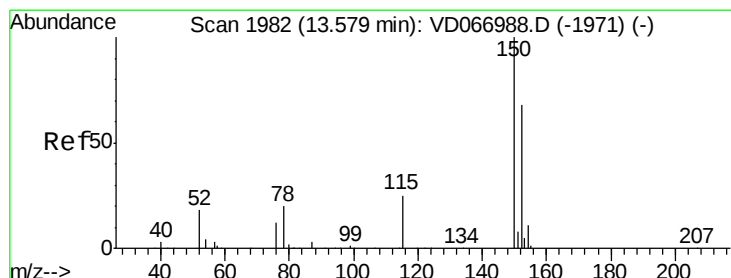
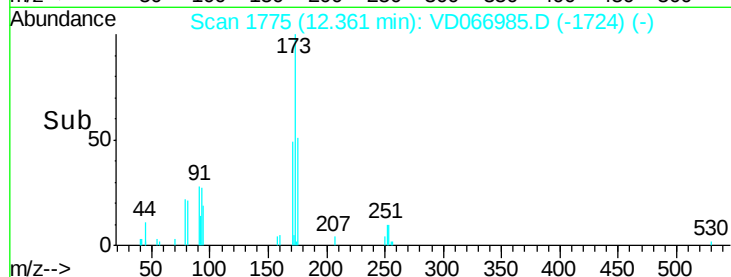
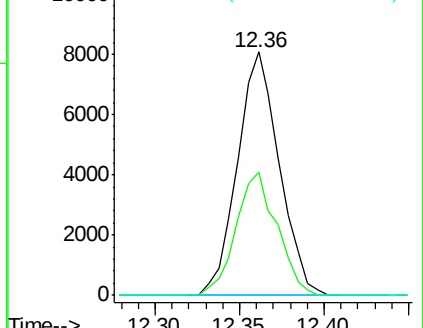
254 0.0 0.2 0.4#



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: VD066985.D

Acq: 01 Oct 2020 11:00

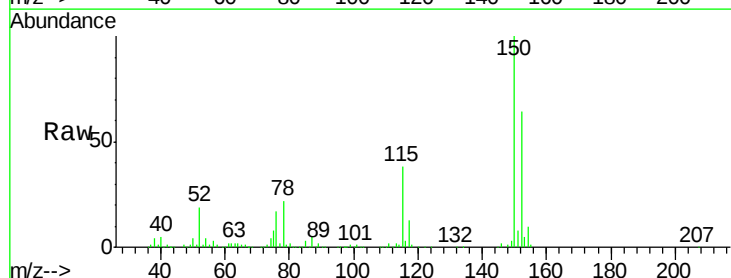
Tgt Ion:152 Resp: 309238

Ion Ratio Lower Upper

152 100

115 59.3 29.6 88.8

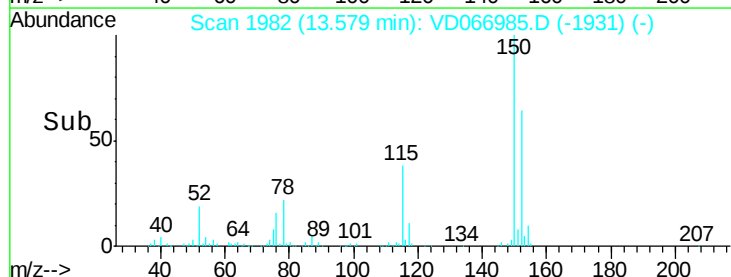
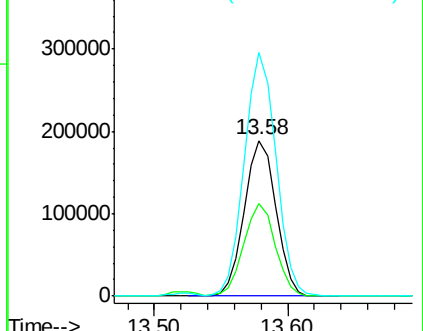
150 156.8 0.0 344.8

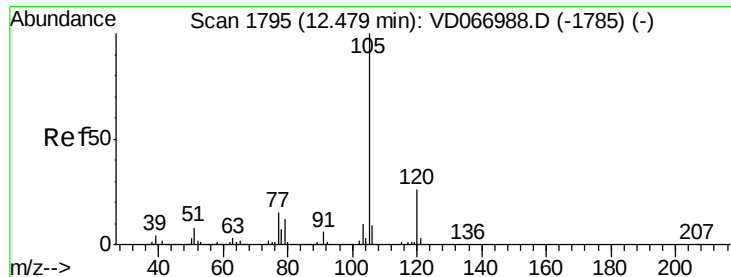


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.723 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

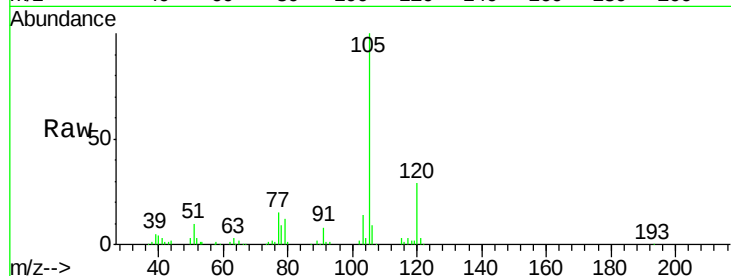
VSTDIC005

Tgt Ion:105 Resp: 99168

Ion Ratio Lower Upper

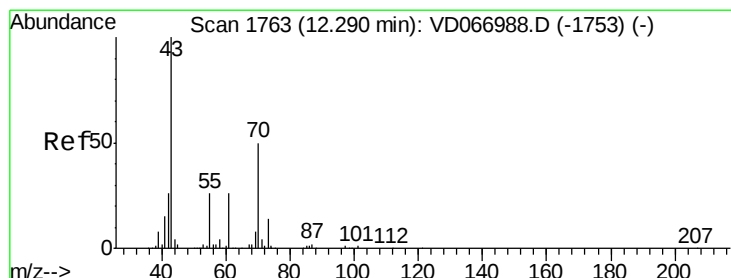
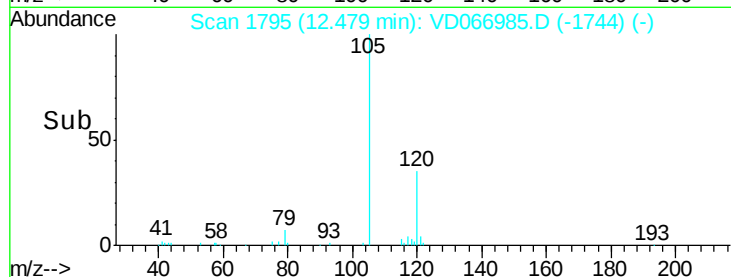
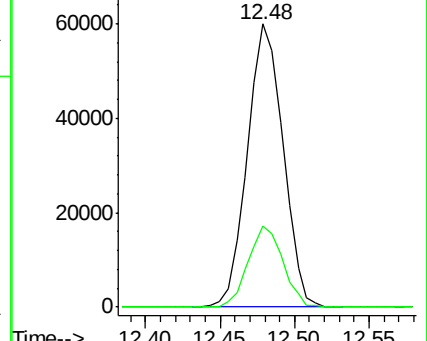
105 100

120 27.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.946 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Tgt Ion: 43 Resp: 18670

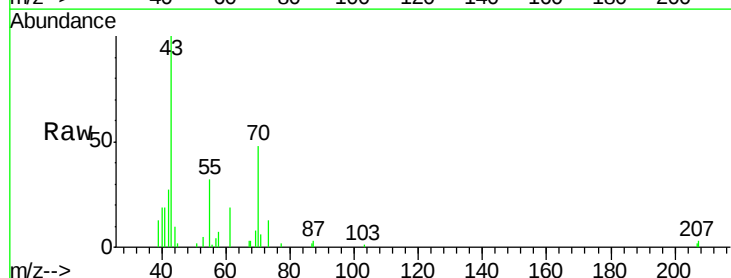
Ion Ratio Lower Upper

43 100

70 44.6 38.2 57.2

55 31.6 22.4 33.6

61 24.1 20.6 31.0

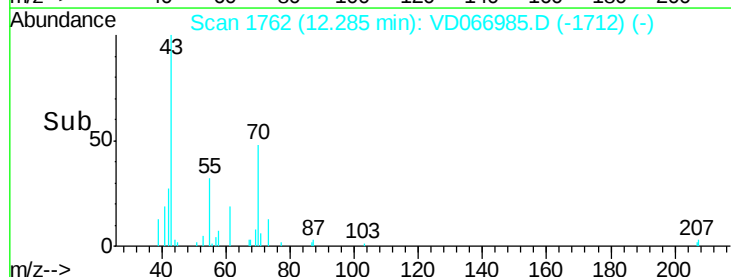
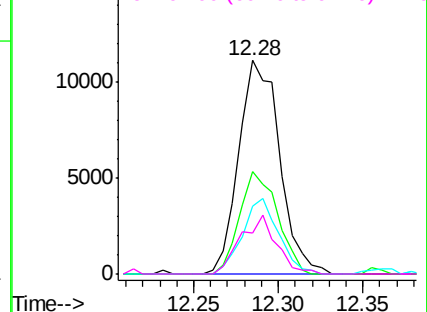


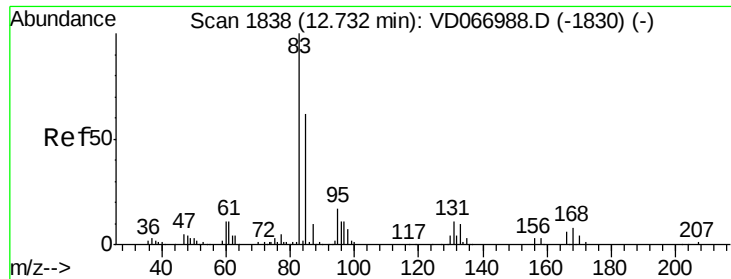
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 5.300 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

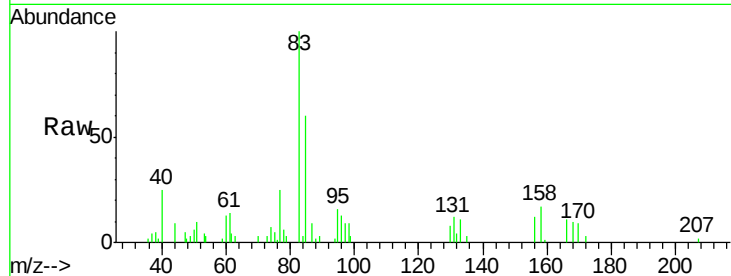
Tgt Ion: 83 Resp: 18752

Ion Ratio Lower Upper

83 100

131 13.0 5.7 17.0

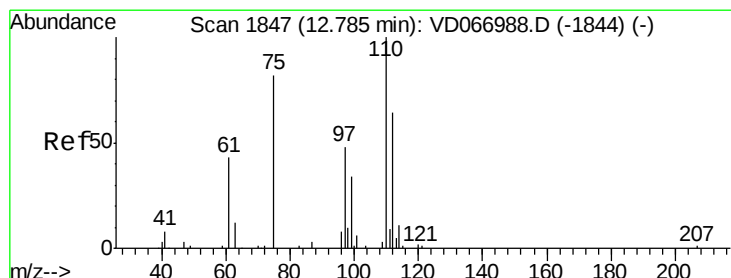
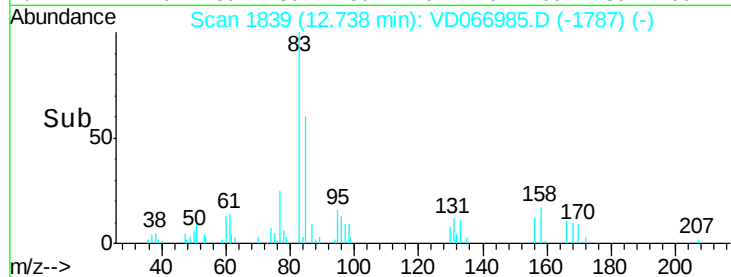
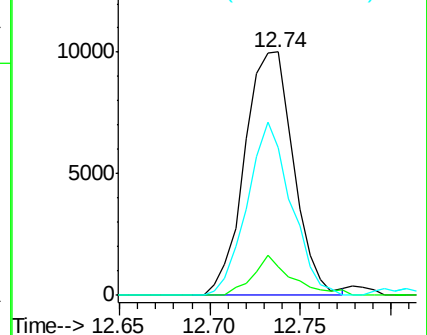
85 64.2 32.0 96.2



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: 9.481 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066985.D

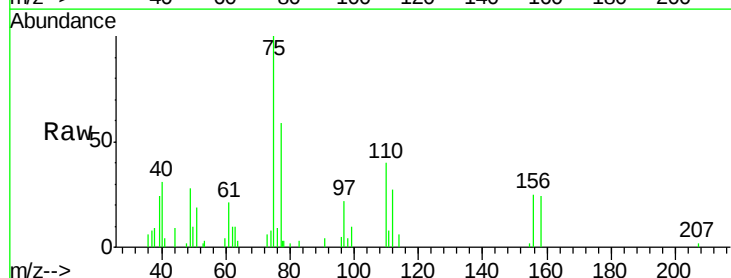
Acq: 01 Oct 2020 11:00

Tgt Ion: 75 Resp: 24991

Ion Ratio Lower Upper

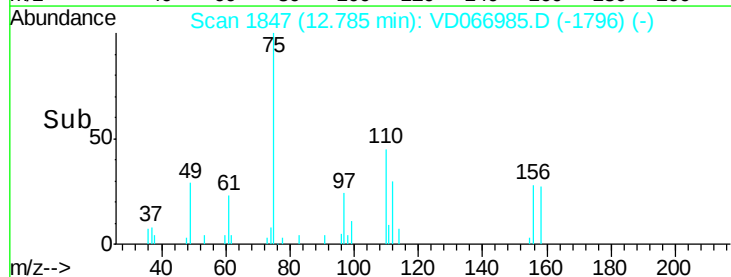
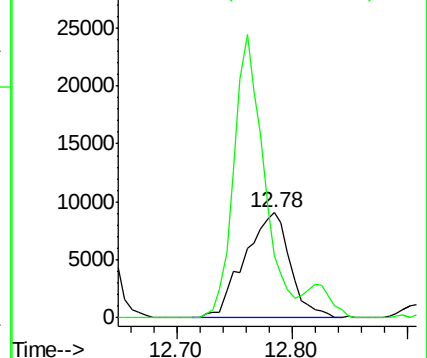
75 100

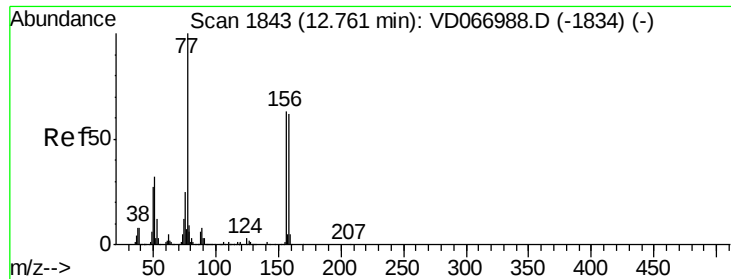
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 5.246 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

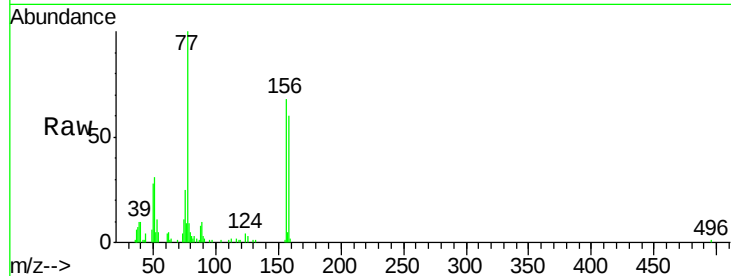
Tgt Ion:156 Resp: 26600

Ion Ratio Lower Upper

156 100

77 166.3 86.3 258.8

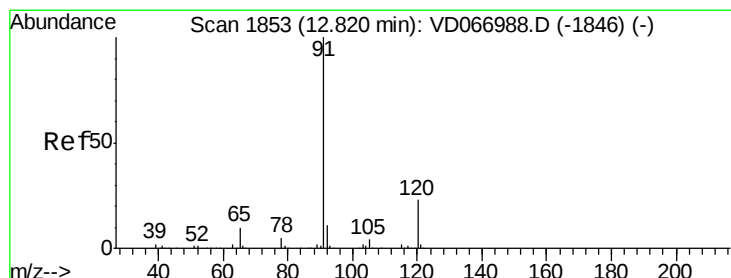
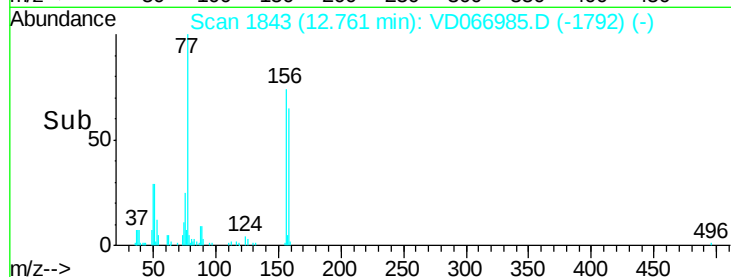
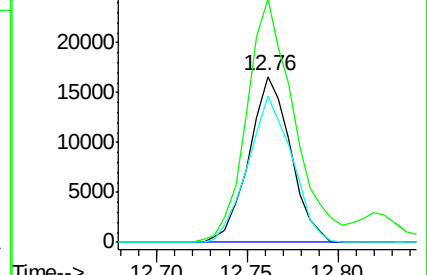
158 93.3 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.807 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066985.D

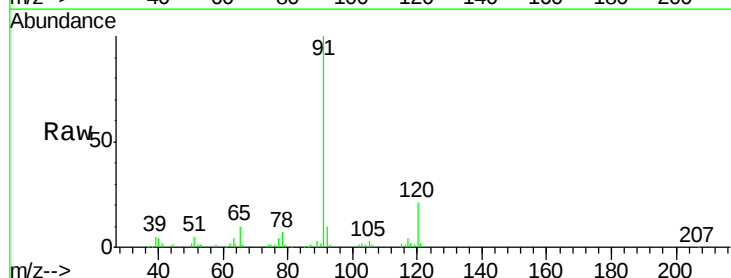
Acq: 01 Oct 2020 11:00

Tgt Ion: 91 Resp: 119287

Ion Ratio Lower Upper

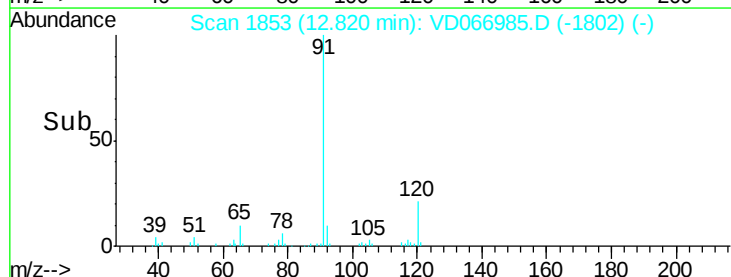
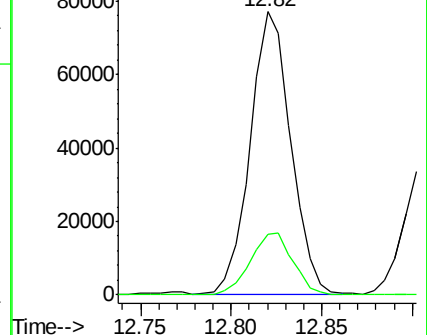
91 100

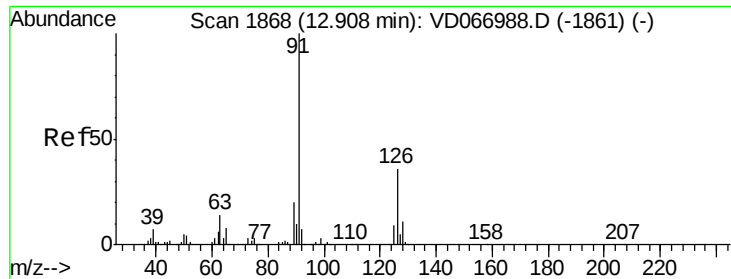
120 22.8 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.925 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

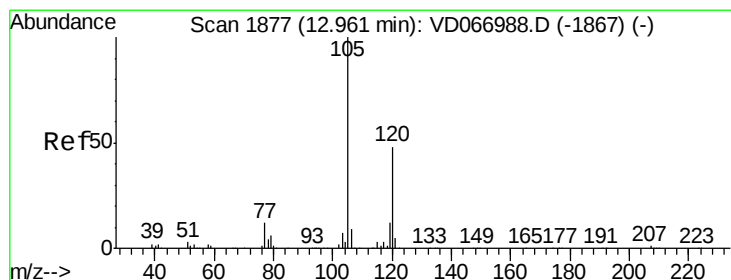
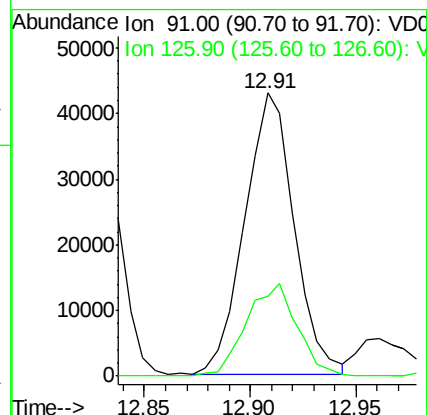
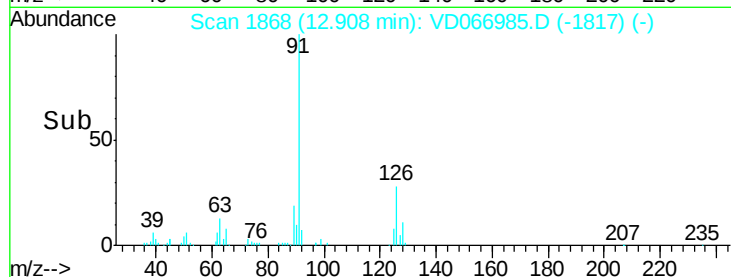
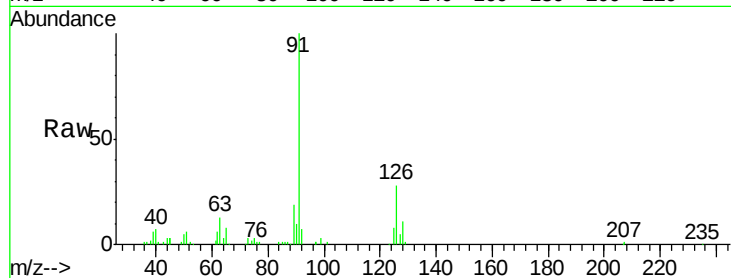
VSTDIC005

Tgt Ion: 91 Resp: 69932

Ion Ratio Lower Upper

91 100

126 33.7 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 4.563 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066985.D

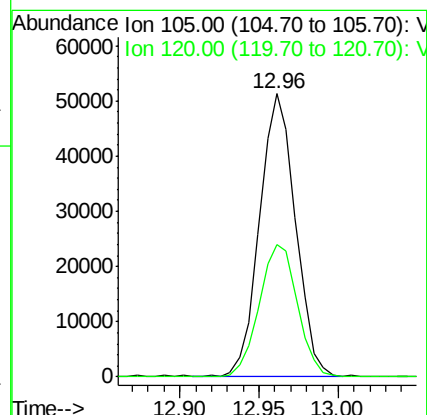
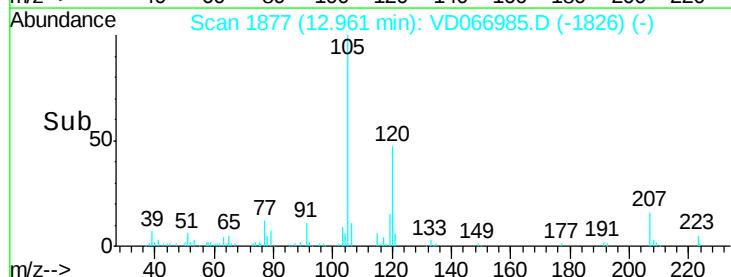
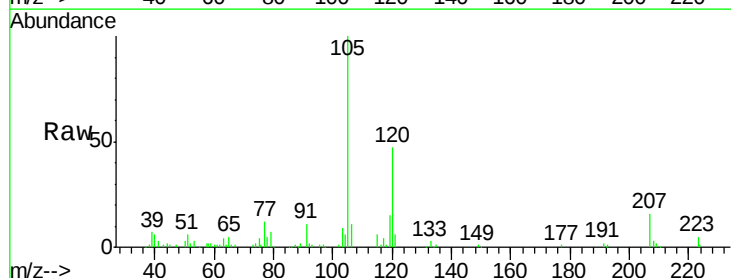
Acq: 01 Oct 2020 11:00

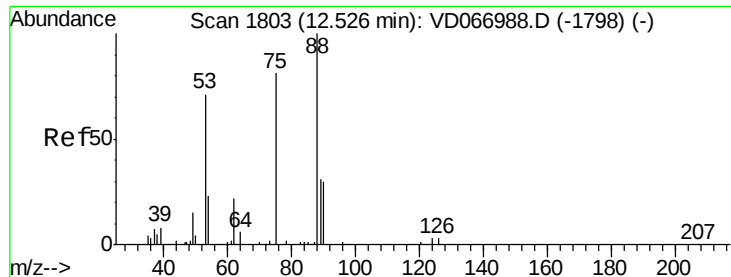
Tgt Ion: 105 Resp: 80946

Ion Ratio Lower Upper

105 100

120 49.9 24.6 74.0

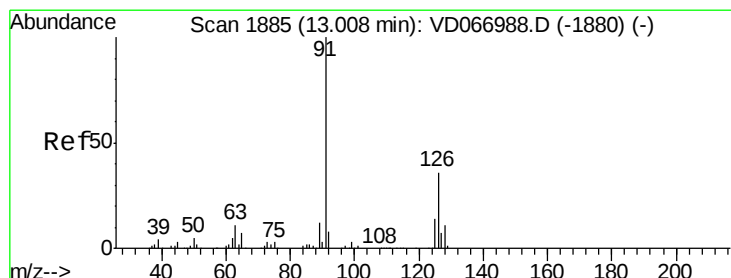
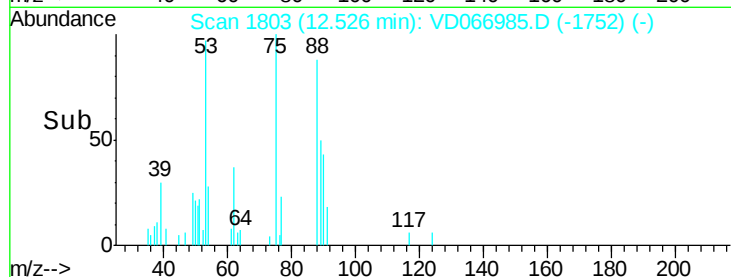
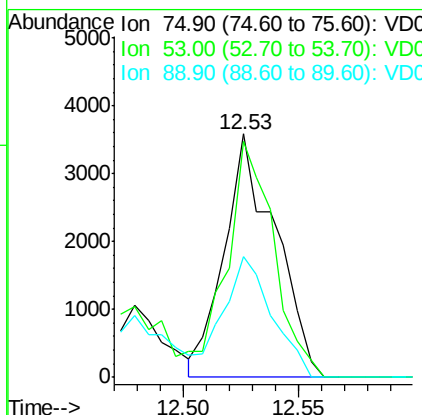
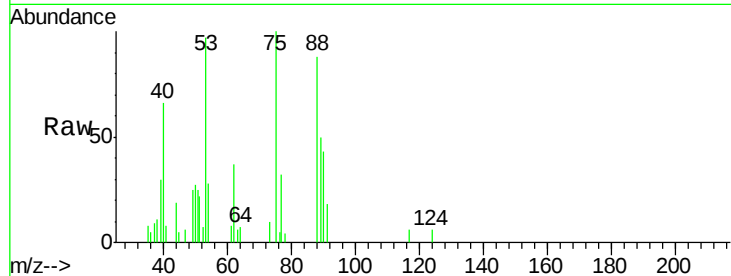




#81
trans-1,4-Dichloro-2-butene
Concen: 5.113 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

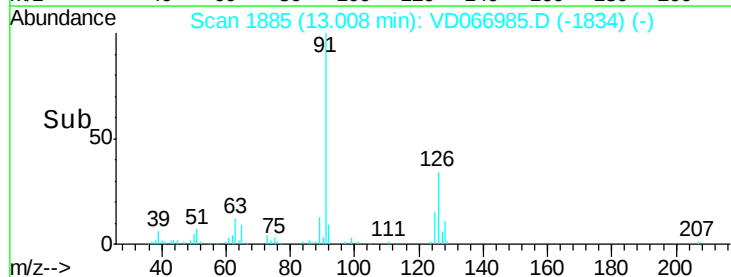
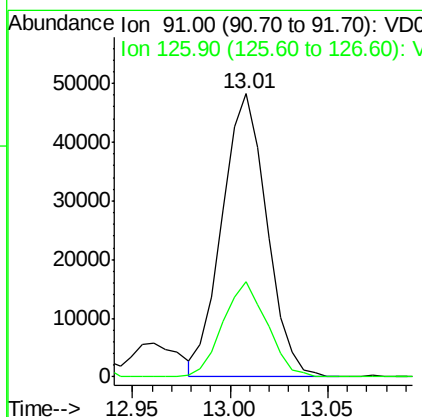
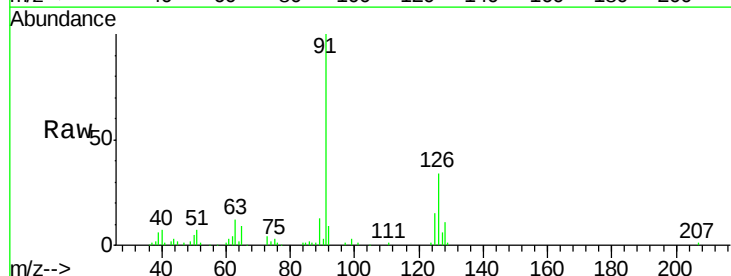
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

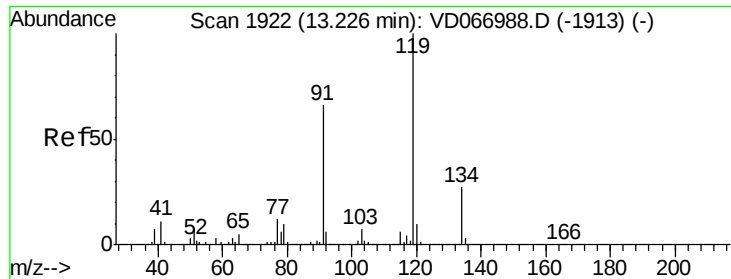
Tgt Ion: 75 Resp: 5524
Ion Ratio Lower Upper
75 100
53 89.0 73.8 110.6
89 48.1 38.9 58.3



#82
4-Chlorotoluene
Concen: 5.024 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Tgt Ion: 91 Resp: 75893
Ion Ratio Lower Upper
91 100
126 33.6 17.5 52.5

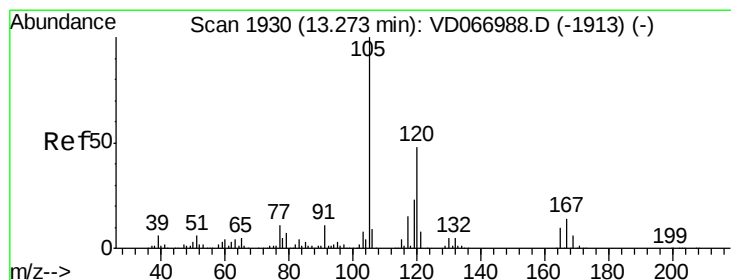
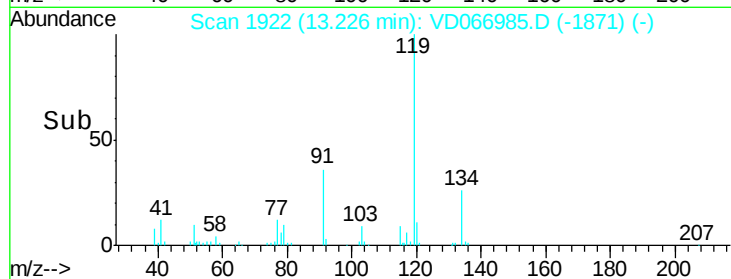
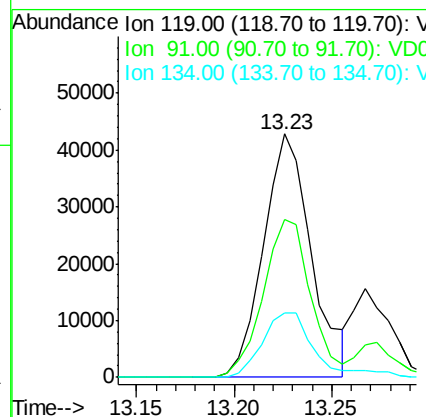
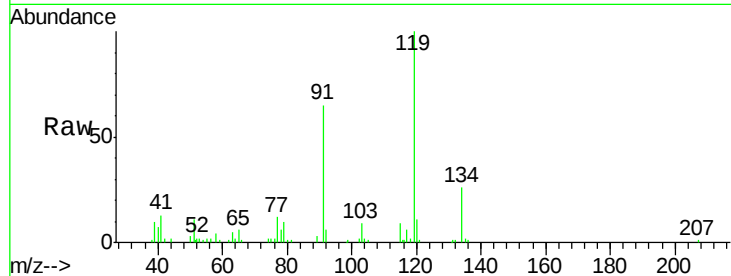




#83
 tert-Butylbenzene
 Concen: 4.873 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

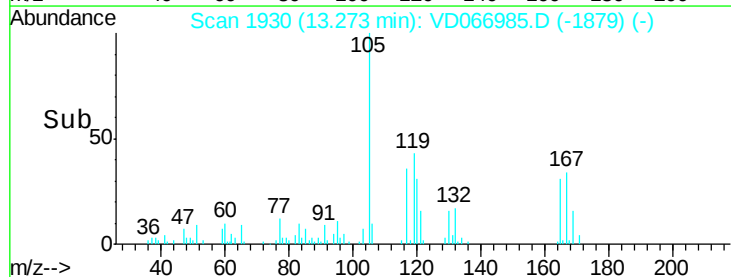
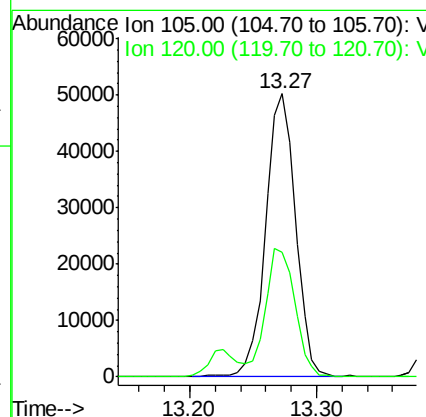
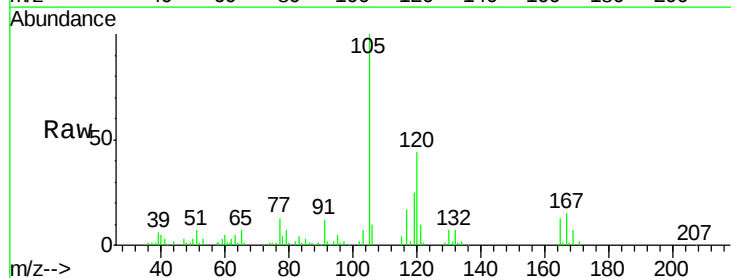
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

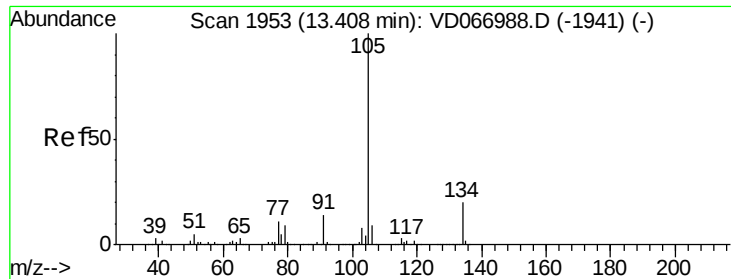
Tgt Ion:119 Resp: 72805
 Ion Ratio Lower Upper
 119 100
 91 64.1 32.8 98.3
 134 29.0 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 4.665 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

Tgt Ion:105 Resp: 82598
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.3 69.8





#85

sec-Butylbenzene

Concen: 4.883 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

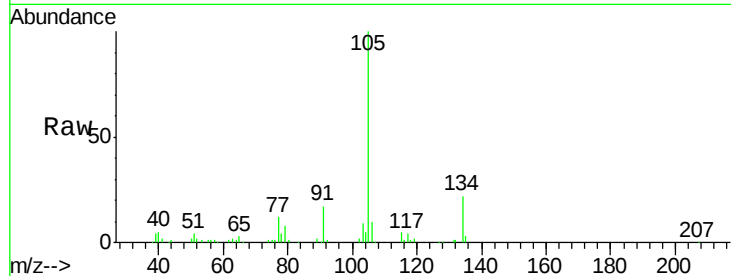
VSTDIC005

Tgt Ion:105 Resp: 102733

Ion Ratio Lower Upper

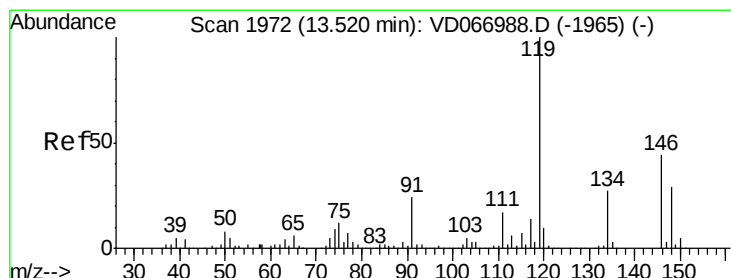
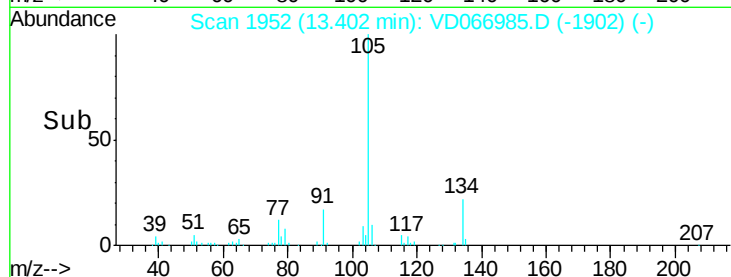
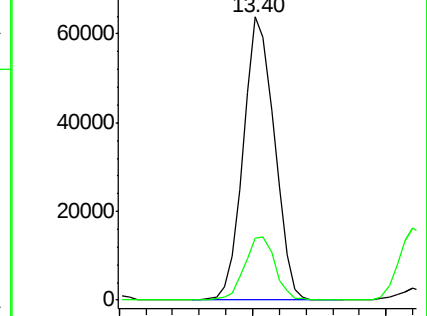
105 100

134 21.8 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.714 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

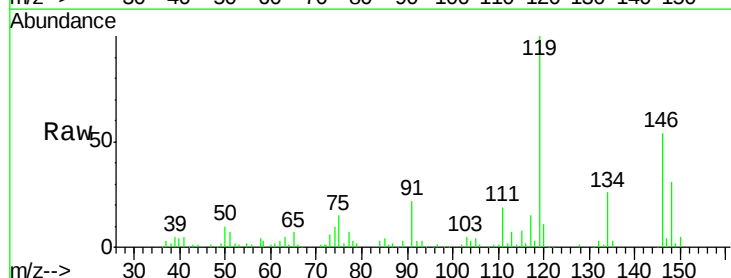
Tgt Ion:119 Resp: 91948

Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.1

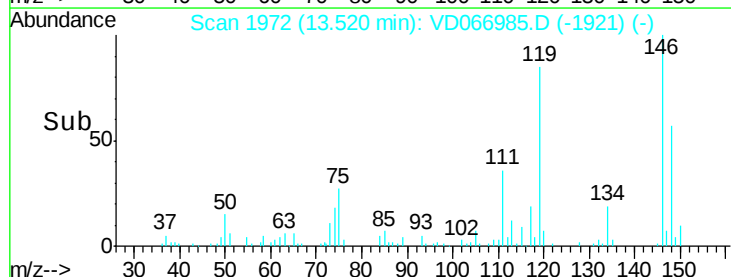
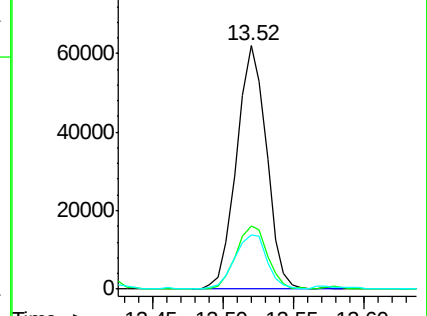
91 24.2 11.7 35.1

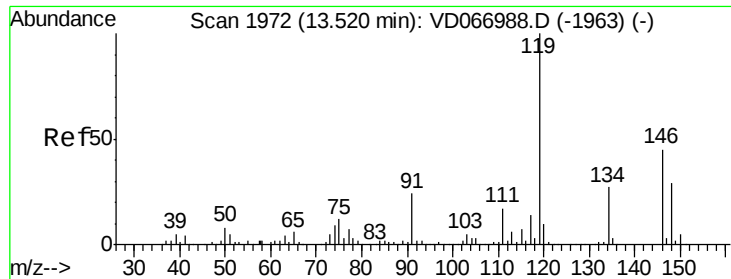


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

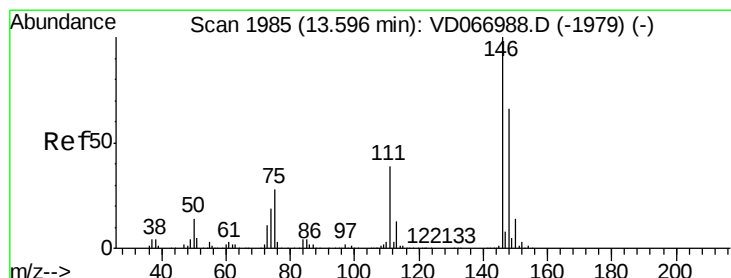
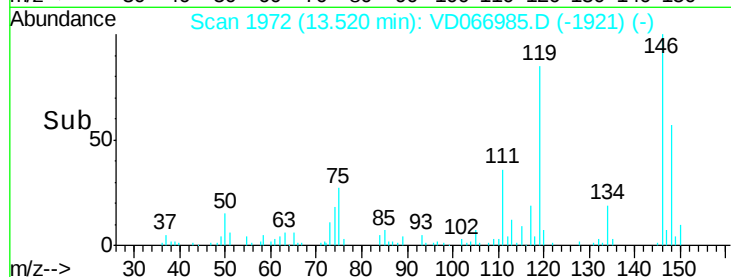
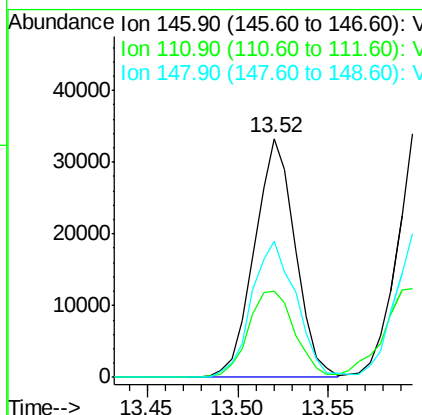
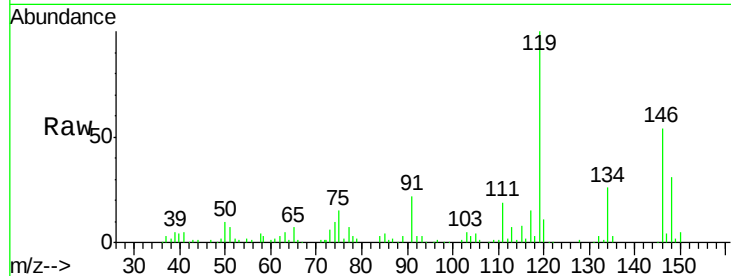




#87
 1,3-Dichlorobenzene
 Concen: 5.251 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

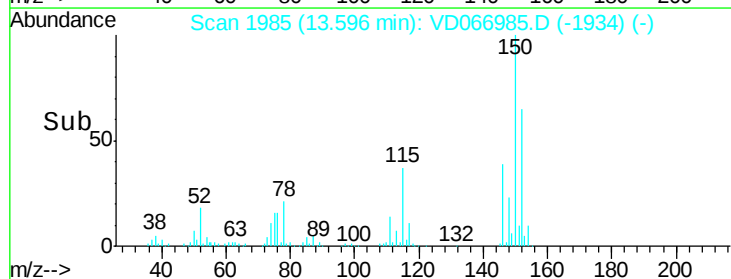
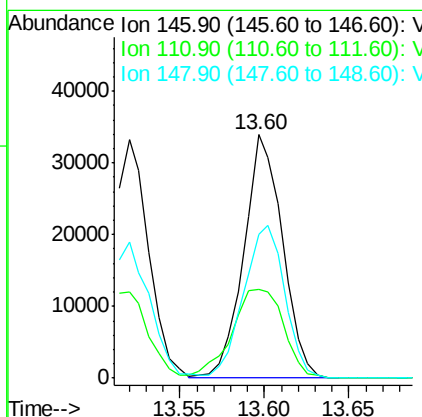
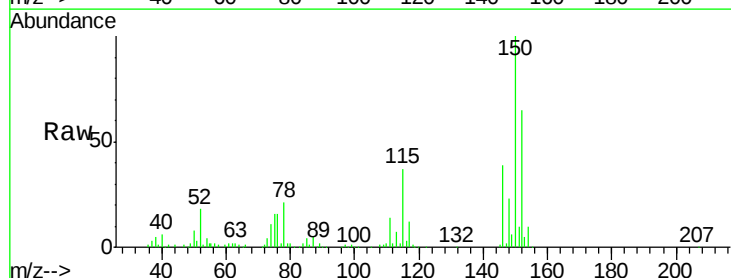
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

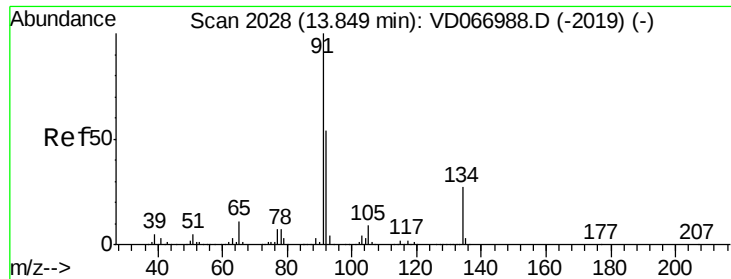
Tgt Ion:146 Resp: 51857
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.0 60.0
 148 62.5 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 5.486 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

Tgt Ion:146 Resp: 54174
 Ion Ratio Lower Upper
 146 100
 111 48.6 19.6 58.7
 148 66.8 32.6 97.7

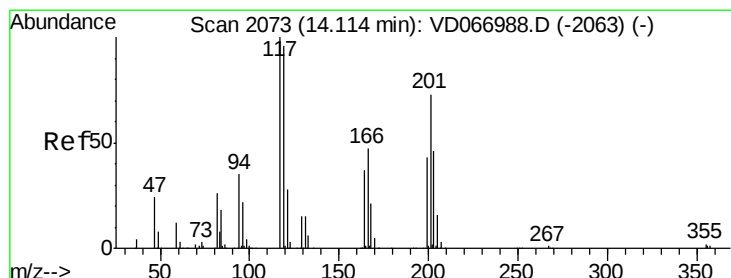
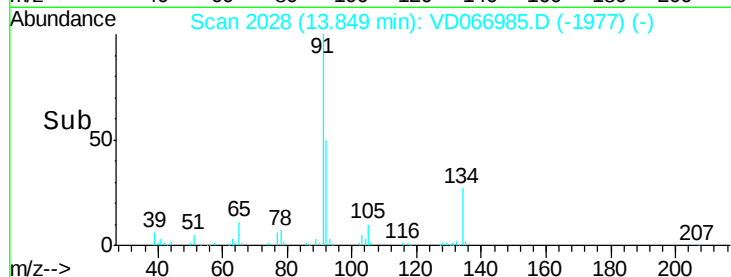
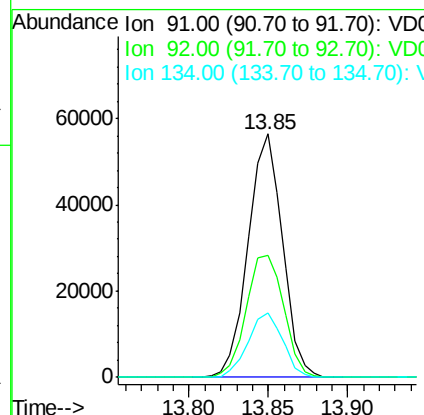
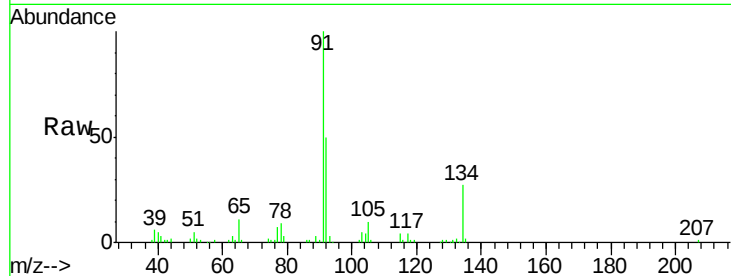




#89
n-Butylbenzene
Concen: 4.776 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

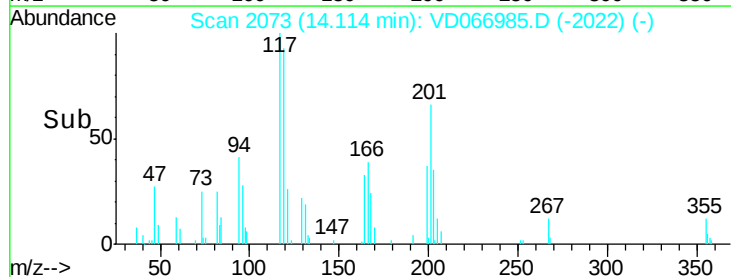
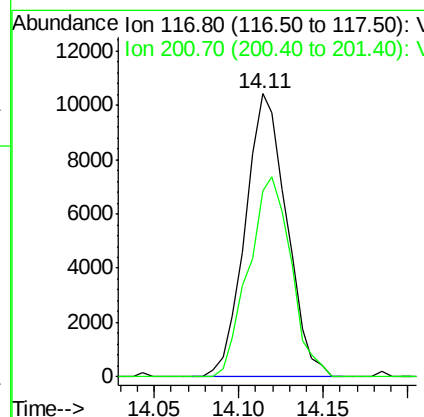
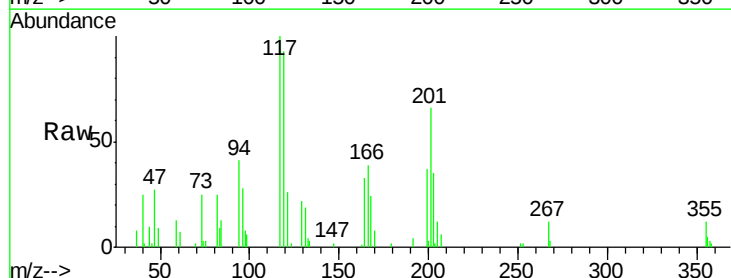
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

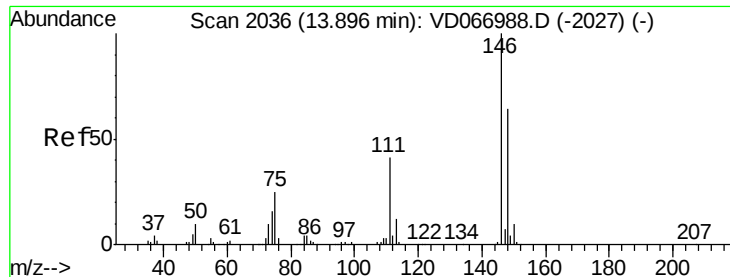
Tgt Ion: 91 Resp: 85129
Ion Ratio Lower Upper
91 100
92 54.7 27.1 81.2
134 26.8 13.6 40.8



#90
Hexachloroethane
Concen: 5.216 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Tgt Ion: 117 Resp: 17821
Ion Ratio Lower Upper
117 100
201 72.3 37.0 110.9





#91

1,2-Dichlorobenzene

Concen: 5.433 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

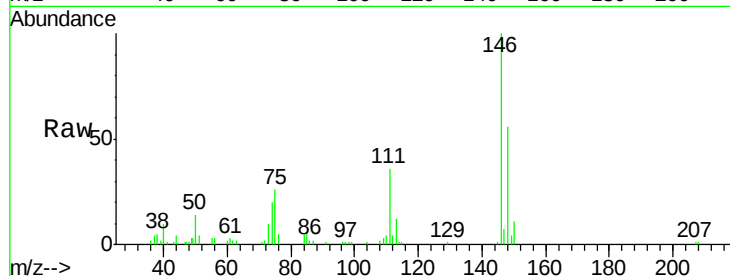
Tgt Ion:146 Resp: 46861

Ion Ratio Lower Upper

146 100

111 40.4 20.9 62.7

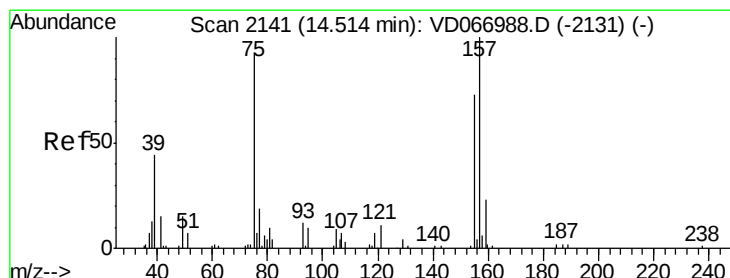
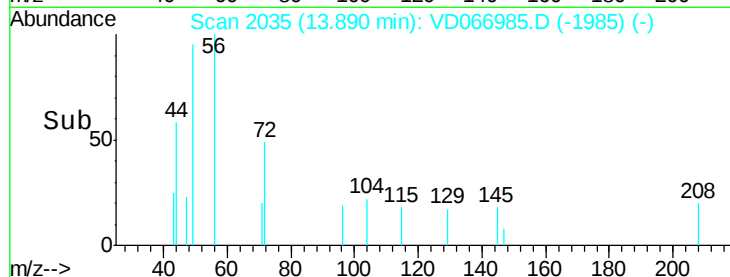
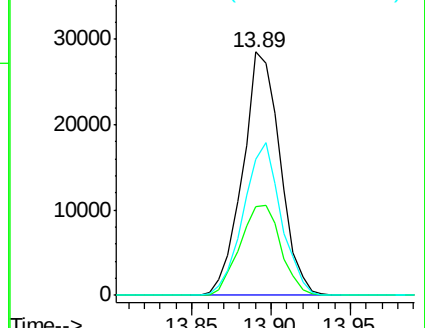
148 62.7 32.3 96.9



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: 5.608 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD066985.D

Acq: 01 Oct 2020 11:00

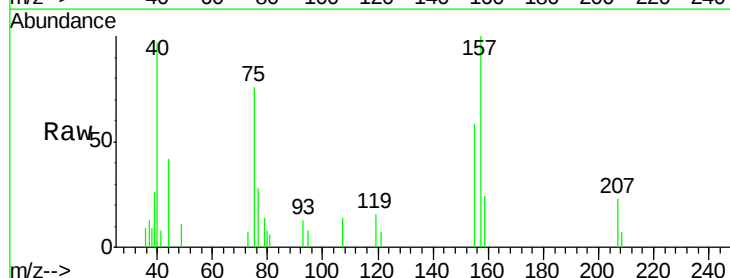
Tgt Ion: 75 Resp: 3198

Ion Ratio Lower Upper

75 100

155 70.3 45.2 135.6

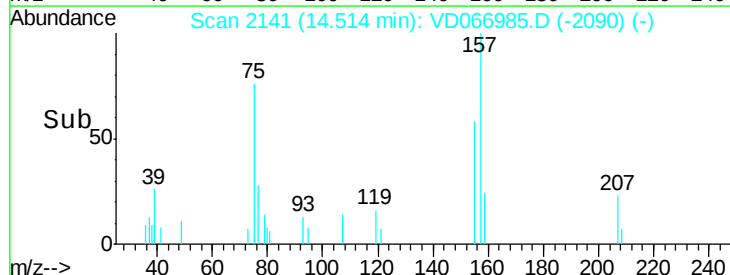
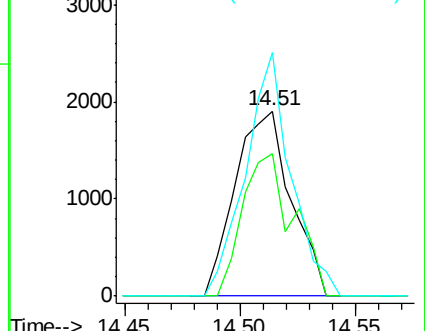
157 107.8 56.3 168.8

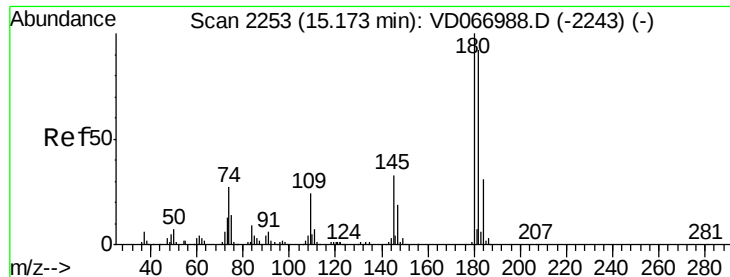


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

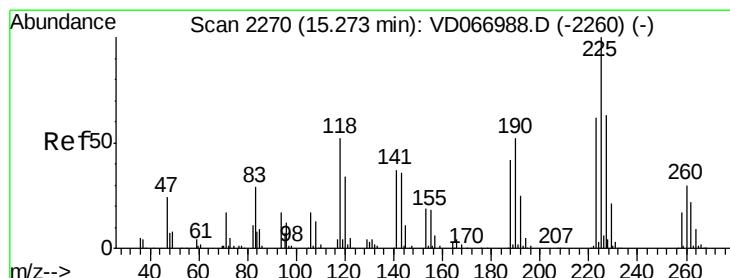
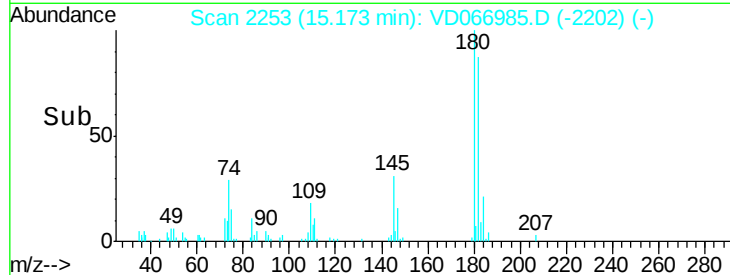
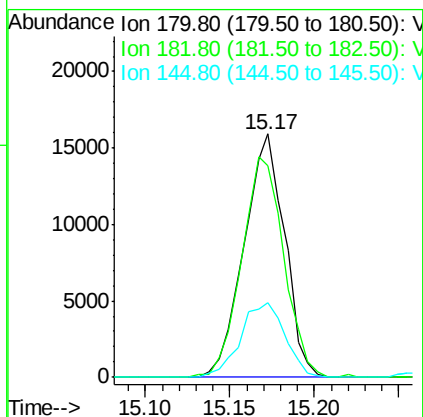
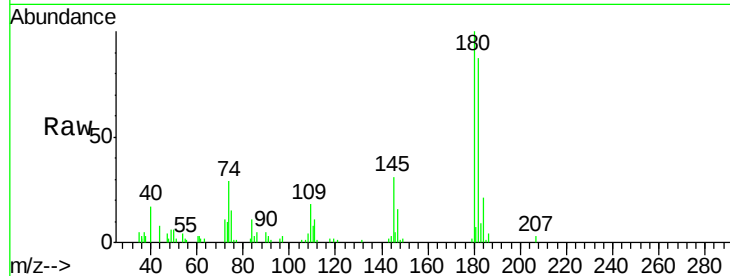




#93
 1,2,4-Trichlorobenzene
 Concen: 4.760 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

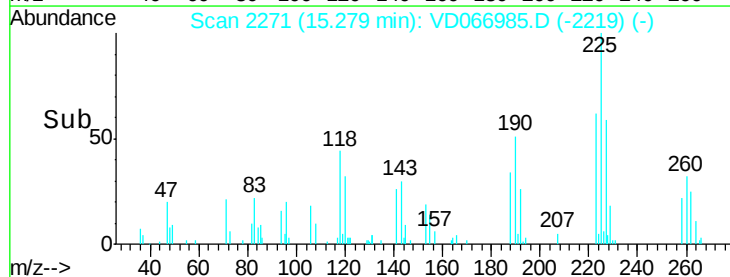
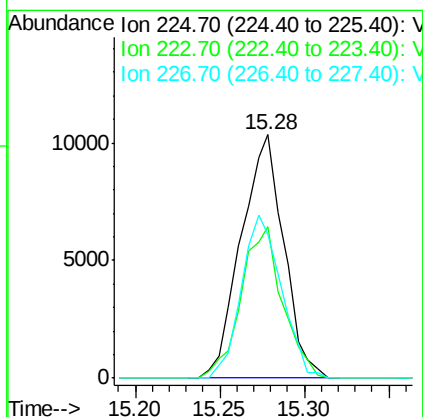
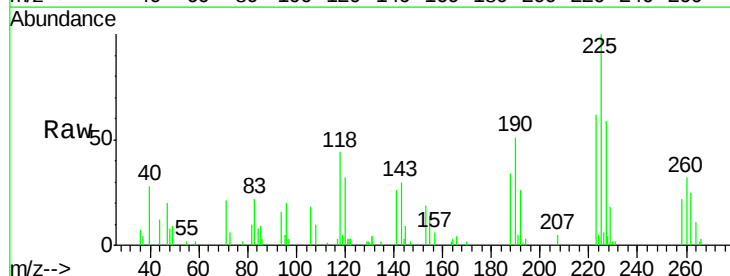
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

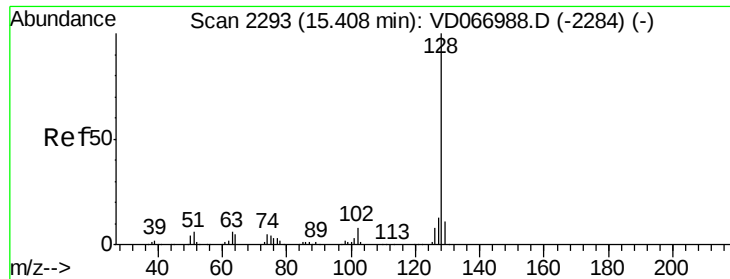
Tgt Ion:180 Resp: 26557
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.3 142.0
 145 33.8 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 5.317 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066985.D
 Acq: 01 Oct 2020 11:00

Tgt Ion:225 Resp: 18217
 Ion Ratio Lower Upper
 225 100
 223 60.3 32.4 97.0
 227 62.7 31.6 95.0

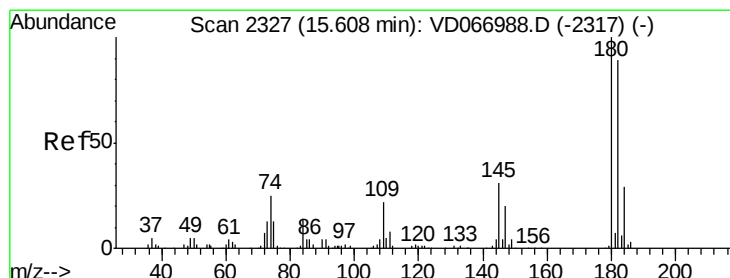
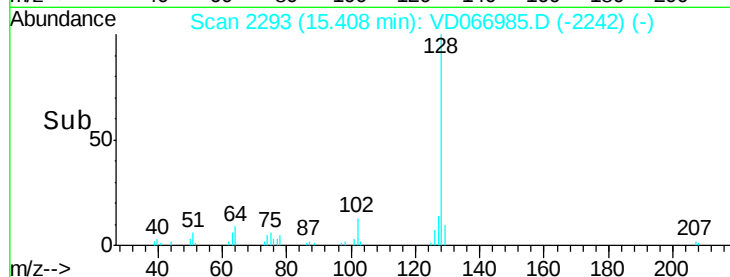
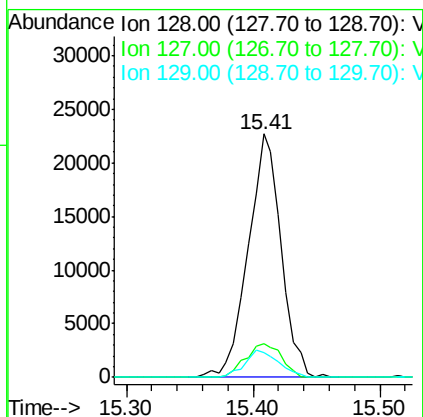
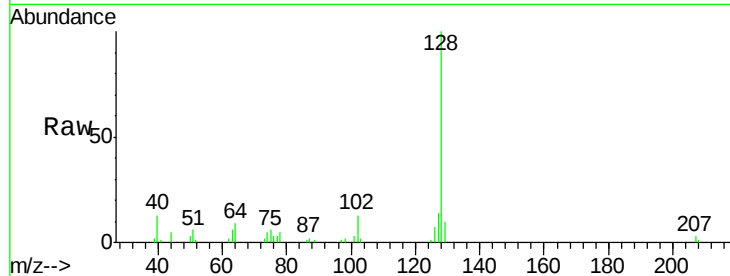




#95
Naphthalene
Concen: 4.401 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 40957
Ion Ratio Lower Upper
128 100
127 15.1 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.706 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD066985.D
Acq: 01 Oct 2020 11:00

Tgt Ion:180 Resp: 22791
Ion Ratio Lower Upper
180 100
182 93.9 46.4 139.1
145 33.4 16.6 49.7

