

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032822\
 Data File : VX027750.D
 Acq On : 28 Mar 2022 14:02
 Operator : JC/MD
 Sample : N2070-02
 Misc : 2.26g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 285

Quant Time: Mar 28 17:01:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

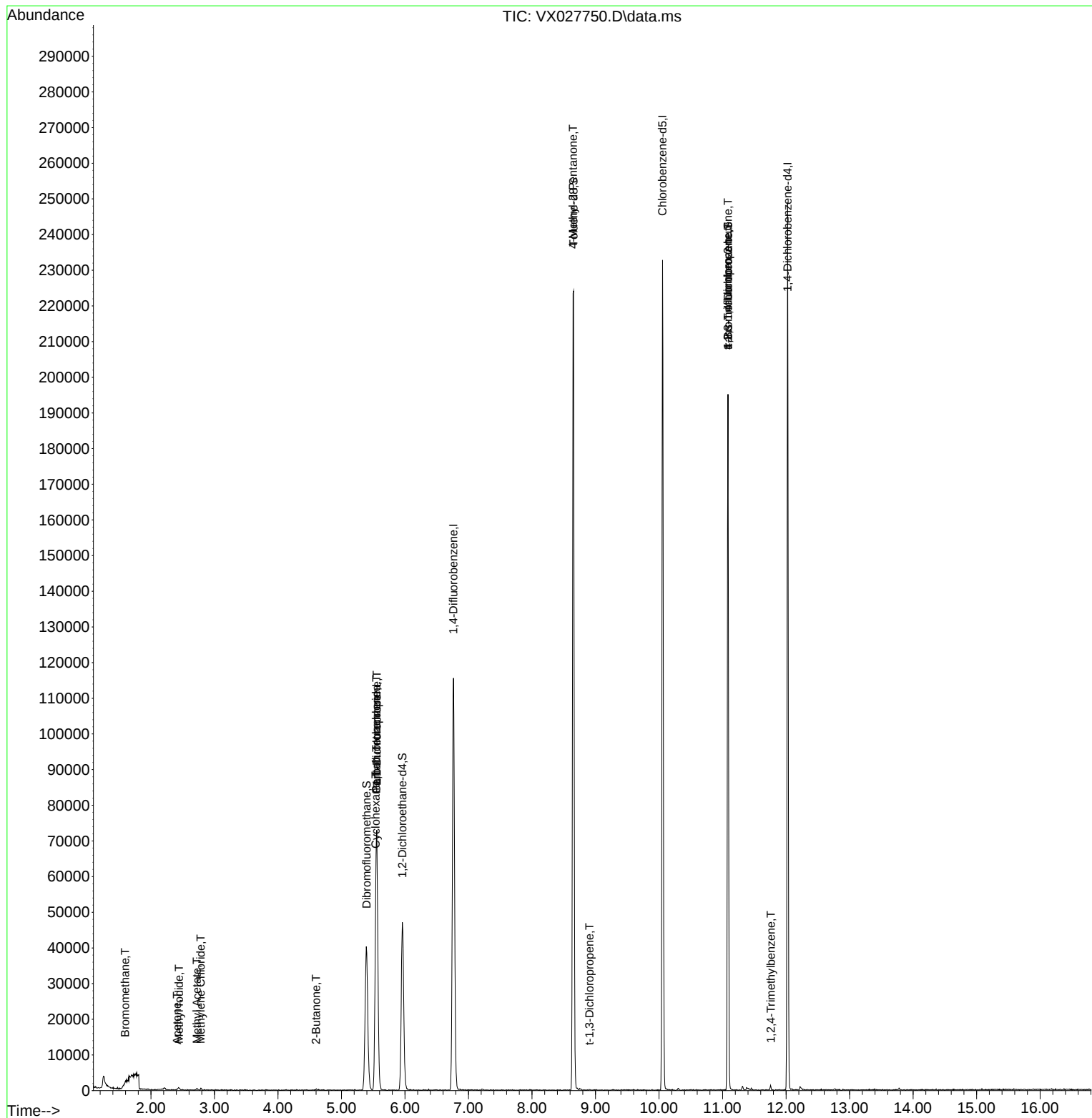
Internal Standards						
1) Pentafluorobenzene	5.550	168	64792	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	113034	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100448	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47382	44.587	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.180%
35) Dibromofluoromethane	5.397	113	36153	48.705	ug/l	0.01
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.420%
50) Toluene-d8	8.653	98	138627	48.312	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.620%
62) 4-Bromofluorobenzene	11.085	95	54063	46.433	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.860%
Target Compounds						
						Qvalue
5) Bromomethane	1.593	94	174	0.579	ug/l	# 3
10) Methyl Iodide	2.441	142	608	3.607	ug/l	90
16) Acetone	2.410	43	257	0.572	ug/l	# 39
18) Methyl Acetate	2.721	43	615	0.535	ug/l	# 52
20) Methylene Chloride	2.782	84	183	0.228	ug/l	# 62
25) 2-Butanone	4.599	43	564	0.781	ug/l	# 44
29) Tetrahydrofuran	5.056	42	40	Below Cal	#	25
31) Cyclohexane	5.538	56	1673	1.298	ug/l	# 34
36) 1,1-Dichloropropene	5.556	75	5850	4.990	ug/l	# 46
38) Carbon Tetrachloride	5.550	117	6999	6.109	ug/l	# 12
48) Methyl methacrylate	7.964	41	64	Below Cal	#	7
51) 4-Methyl-2-Pentanone	8.647	43	752	0.531	ug/l	# 1
53) t-1,3-Dichloropropene	8.903	75	149	1.760	ug/l	# 43
76) 1,2,3-Trichloropropane	11.085	75	28565	24.341	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	28565	82.854	ug/l	# 15
84) 1,2,4-Trimethylbenzene	11.762	105	763	0.253	ug/l	98

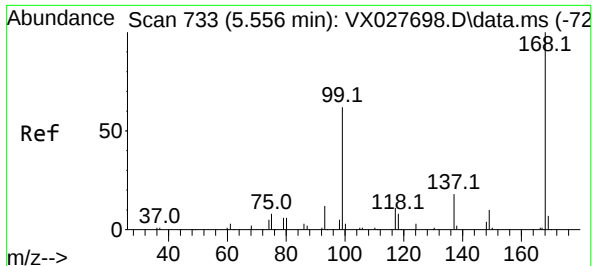
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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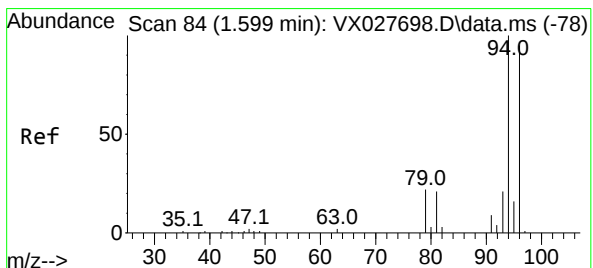
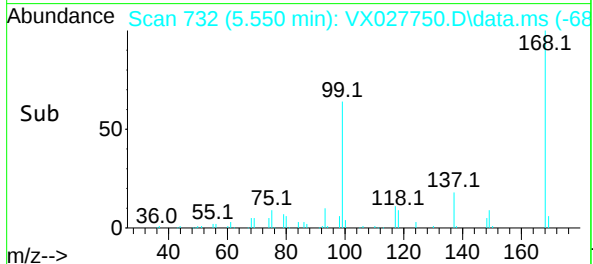
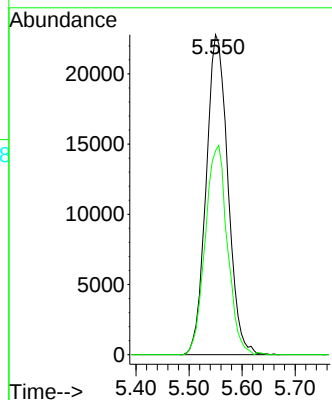
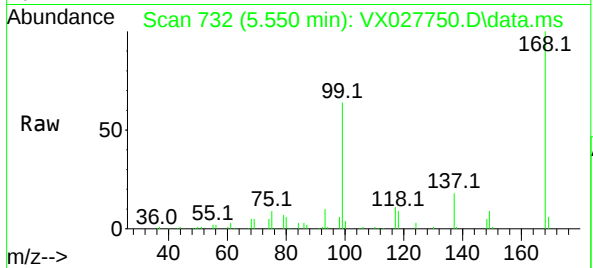




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

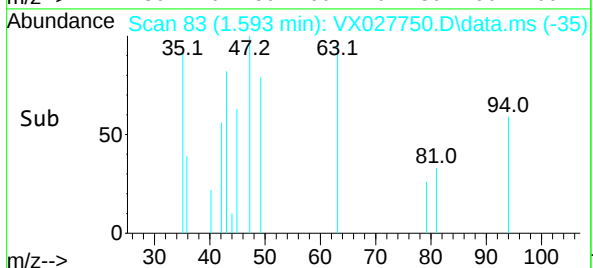
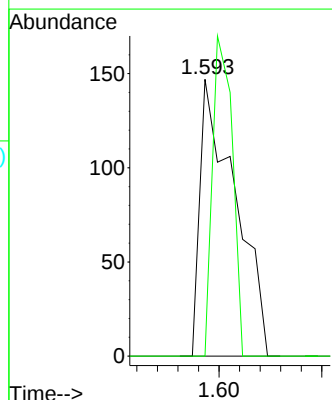
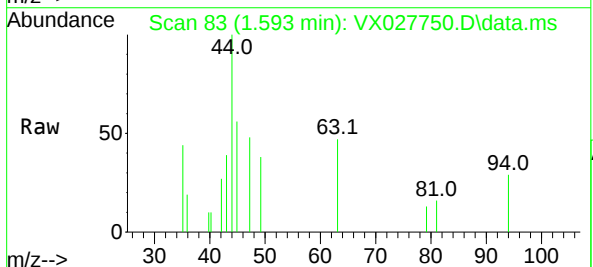
Instrument :
MSVOA_X
ClientSampleId :
285

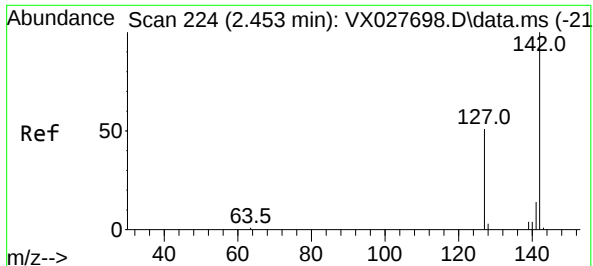
Tgt Ion:168 Resp: 64792
Ion Ratio Lower Upper
168 100
99 63.7 41.7 62.5#



#5
Bromomethane
Concen: 0.579 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

Tgt Ion: 94 Resp: 174
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#

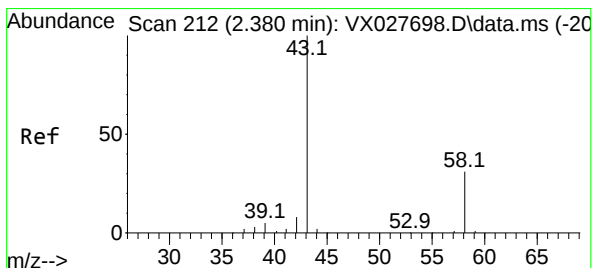
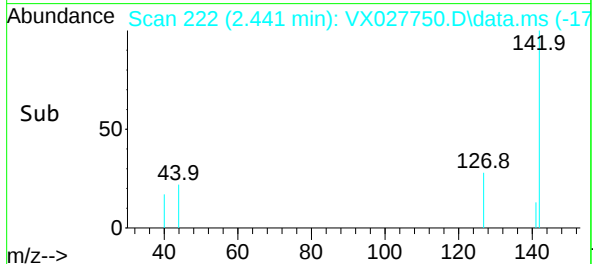
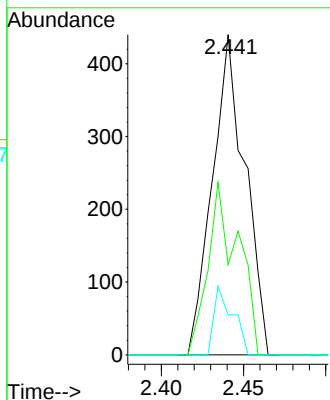
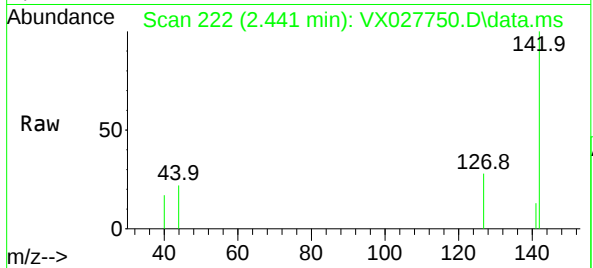




#10
Methyl Iodide
Concen: 3.607 ug/l
RT: 2.441 min Scan# 217
Delta R.T. -0.012 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

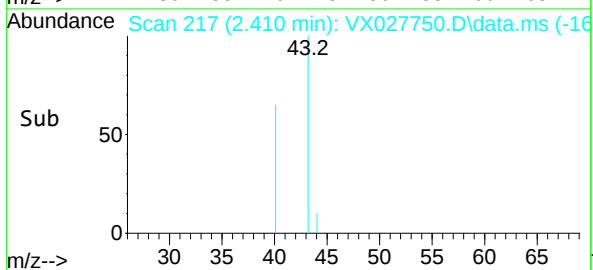
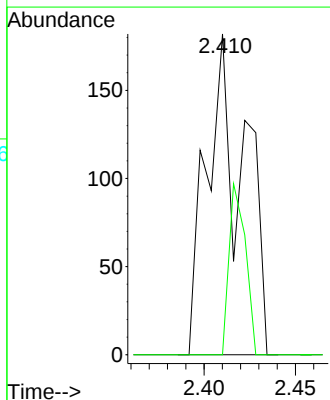
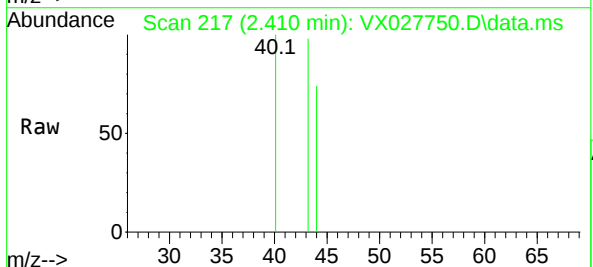
Instrument :
MSVOA_X
ClientSampleId :
285

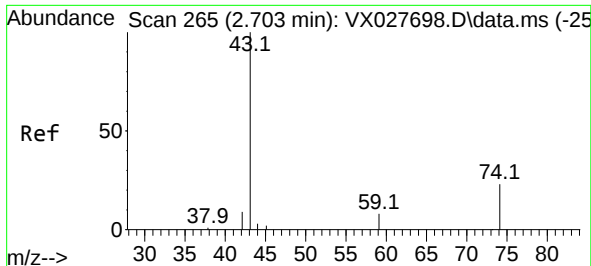
Tgt Ion:142 Resp: 608
Ion Ratio Lower Upper
142 100
127 49.5 33.9 50.9
141 12.3 11.4 17.2



#16
Acetone
Concen: 0.572 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.030 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

Tgt Ion: 43 Resp: 257
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#

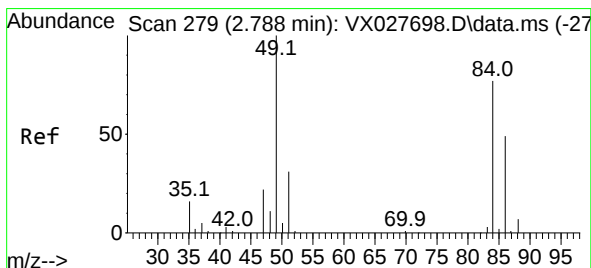
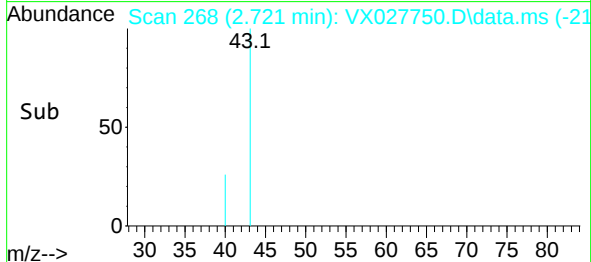
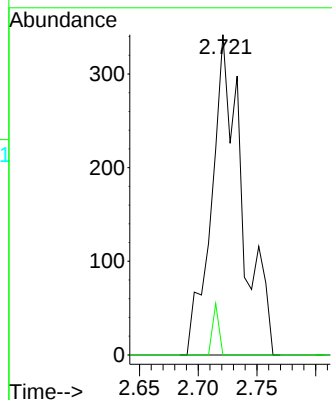
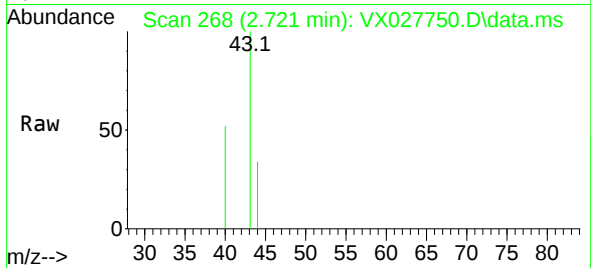




#18
Methyl Acetate
Concen: 0.535 ug/l
RT: 2.721 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

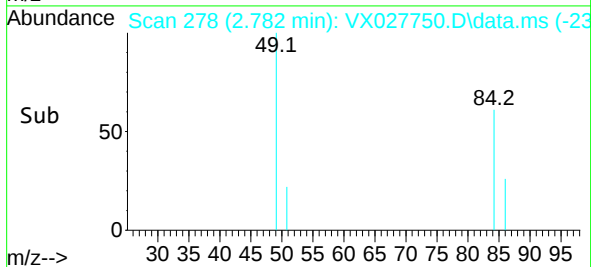
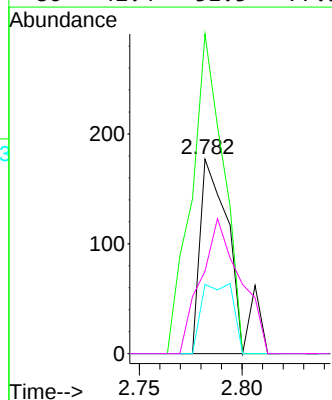
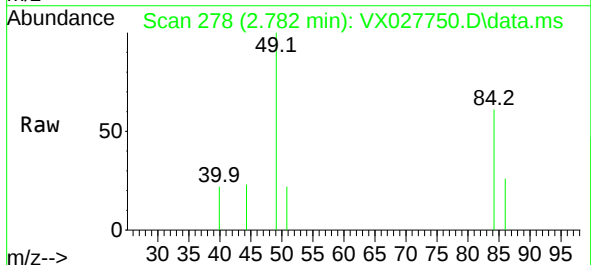
Instrument :
MSVOA_X
ClientSampleId :
285

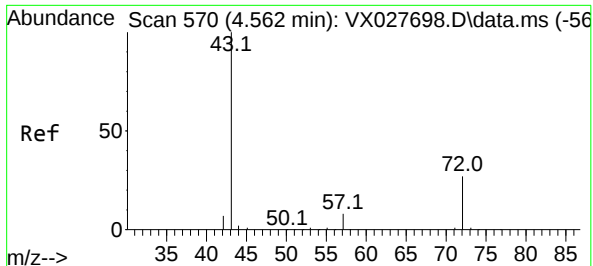
Tgt Ion: 43 Resp: 615
Ion Ratio Lower Upper
43 100
74 3.3 22.8 34.2#



#20
Methylene Chloride
Concen: 0.228 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

Tgt Ion: 84 Resp: 183
Ion Ratio Lower Upper
84 100
49 164.4 85.5 128.3#
51 35.6 26.6 39.8
86 42.4 51.5 77.3#





#25

2-Butanone

Concen: 0.781 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX027750.D

Acq: 28 Mar 2022 14:02

Instrument :

MSVOA_X

ClientSampleId :

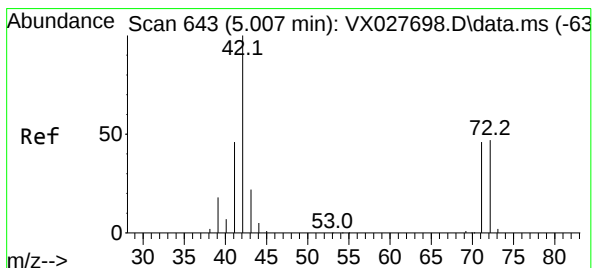
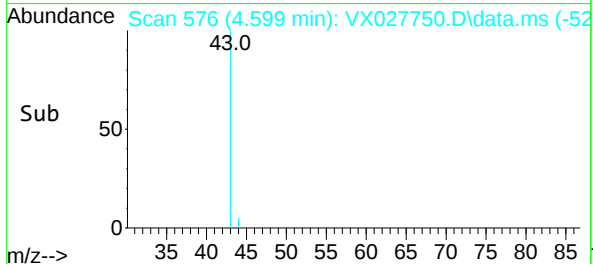
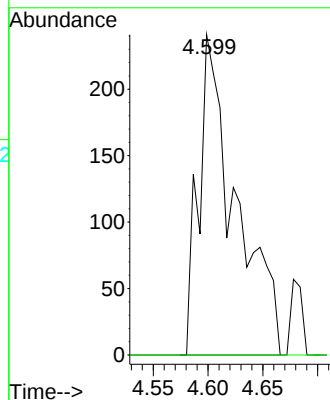
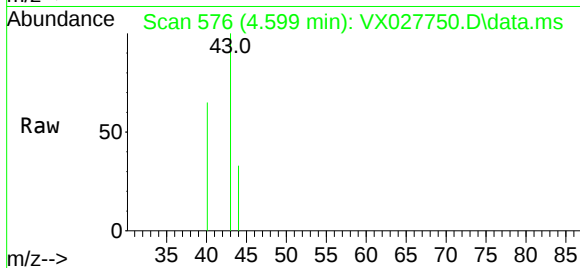
285

Tgt Ion: 43 Resp: 564

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#29

Tetrahydrofuran

Concen: Below Cal

RT: 5.056 min Scan# 651

Delta R.T. 0.049 min

Lab File: VX027750.D

Acq: 28 Mar 2022 14:02

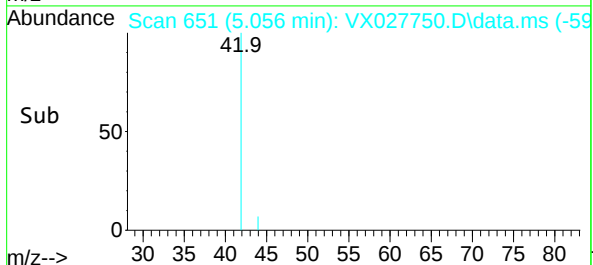
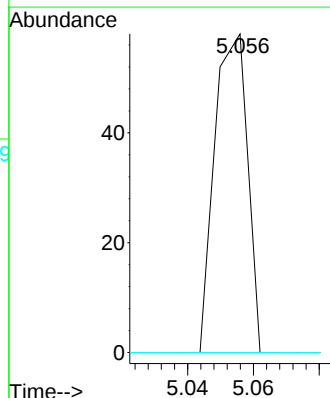
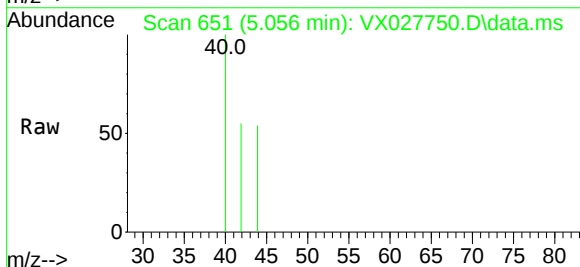
Tgt Ion: 42 Resp: 40

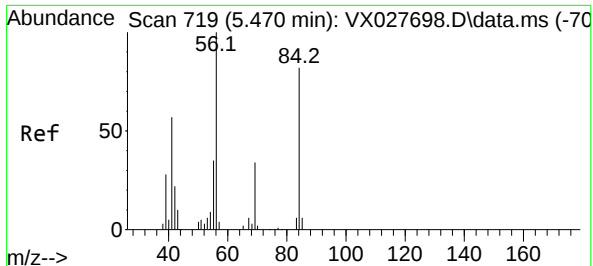
Ion Ratio Lower Upper

42 100

72 0.0 44.1 66.1#

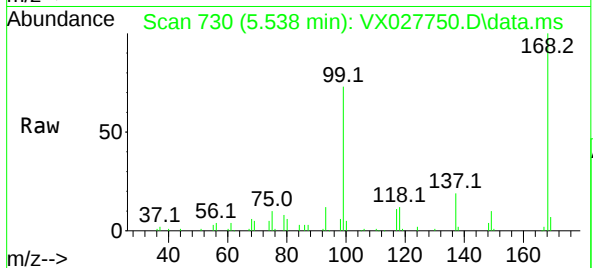
71 0.0 40.5 60.7#



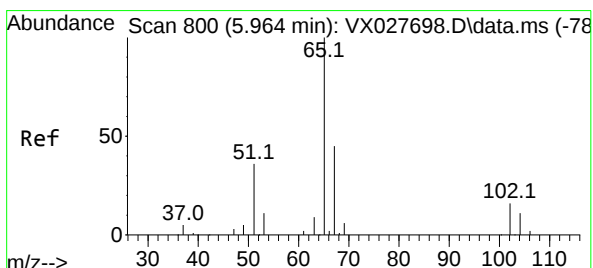
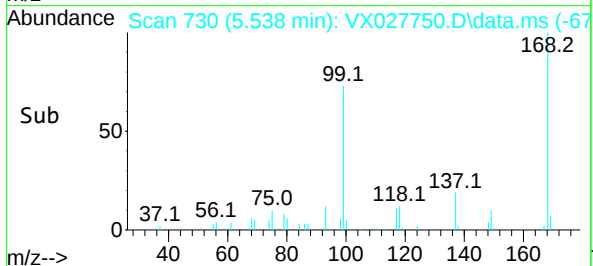
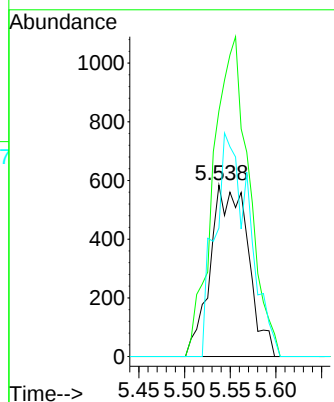


#31
Cyclohexane
Concen: 1.298 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.068 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

Instrument :
MSVOA_X
ClientSampleId :
285

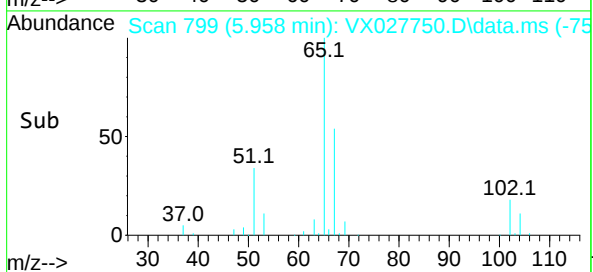
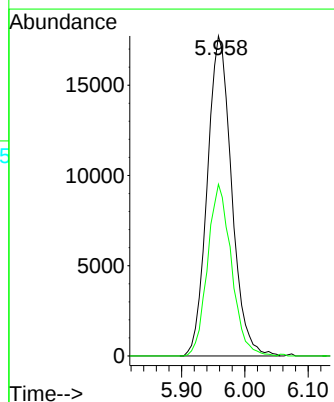
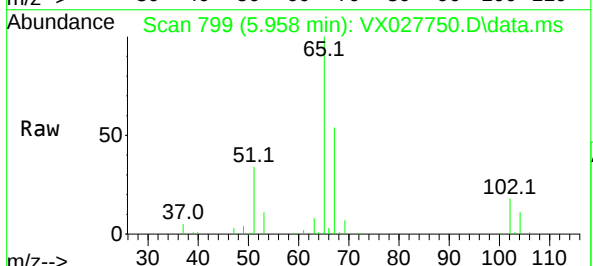


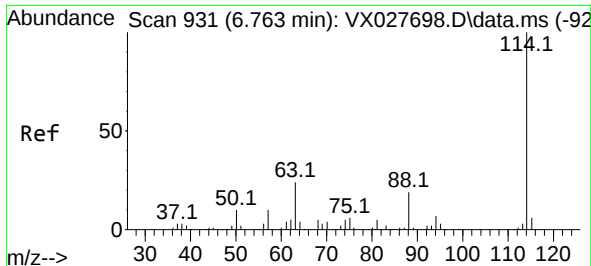
Tgt Ion: 56 Resp: 1673
Ion Ratio Lower Upper
56 100
69 143.3 26.7 40.1#
84 75.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 44.587 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

Tgt Ion: 65 Resp: 47382
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4

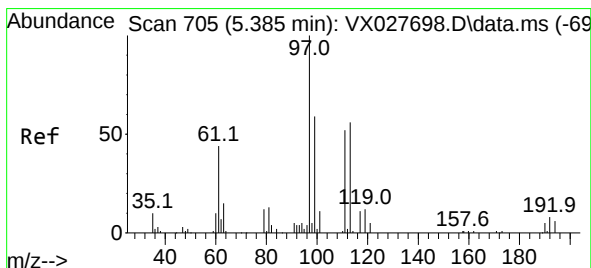
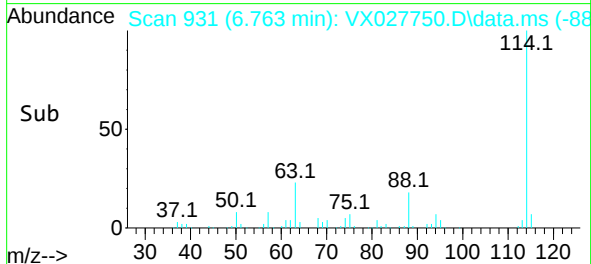
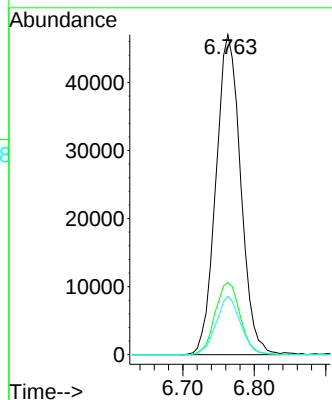
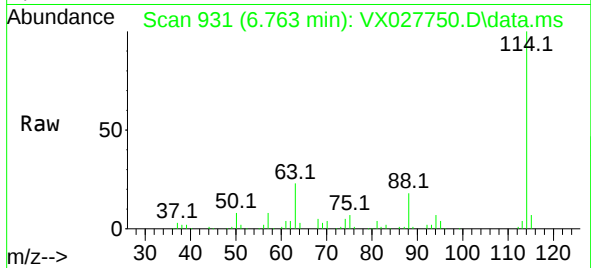




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

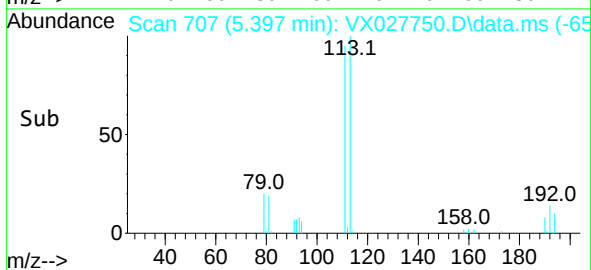
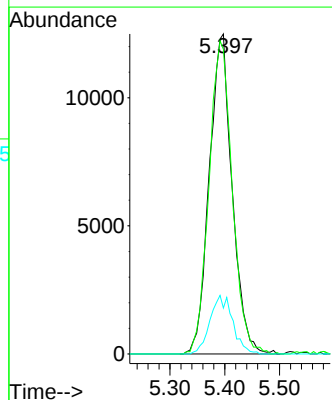
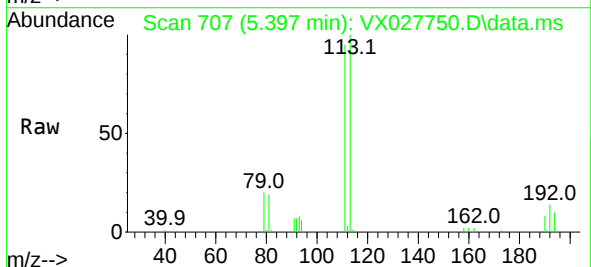
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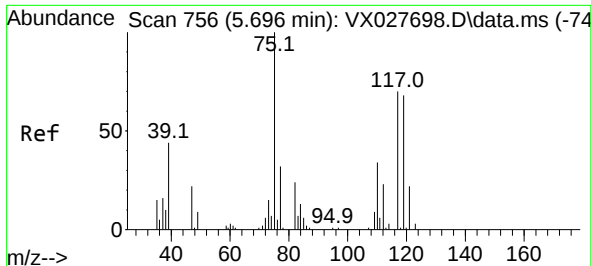
Tgt Ion:114 Resp: 113034
Ion Ratio Lower Upper
114 100
63 22.5 0.0 36.8
88 18.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.705 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.012 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

Tgt Ion:113 Resp: 36153
Ion Ratio Lower Upper
113 100
111 99.9 82.8 124.2
192 18.2 16.9 25.3

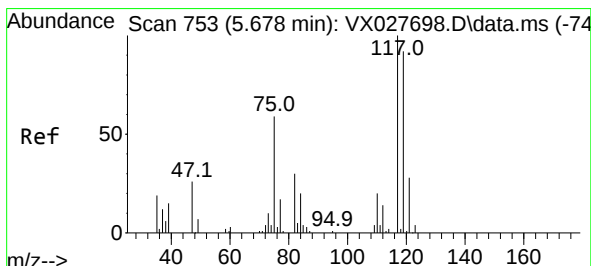
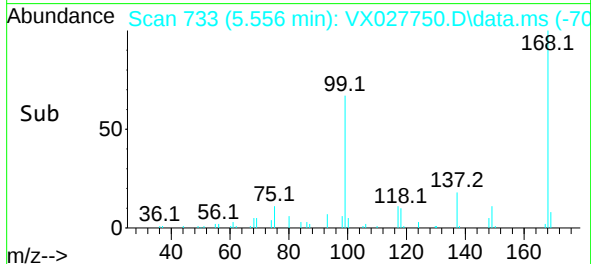
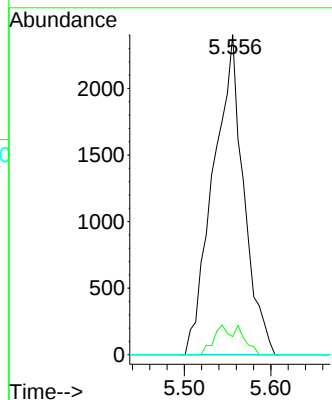
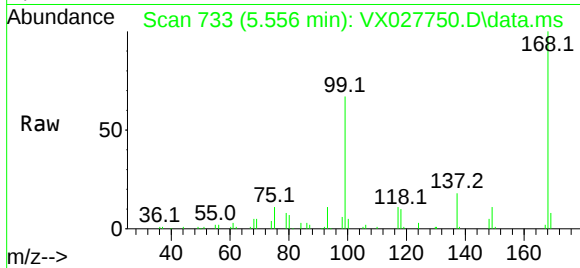




#36
1,1-Dichloropropene
Concen: 4.990 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

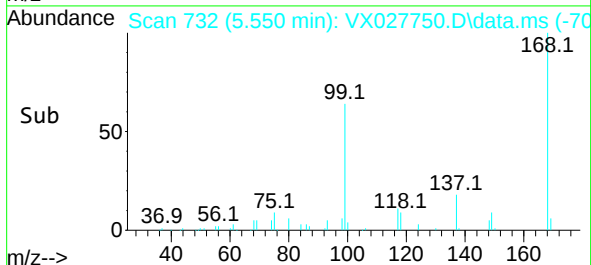
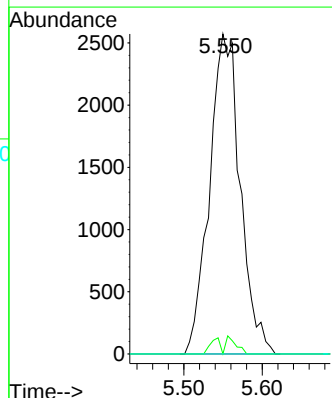
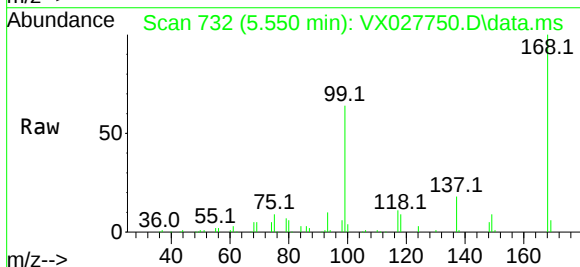
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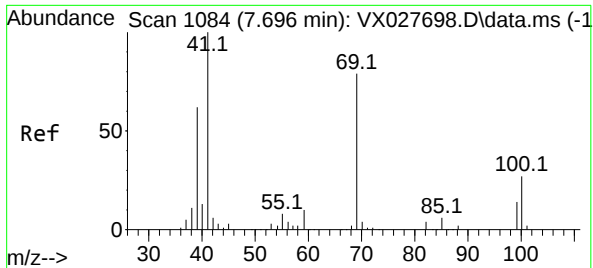
Tgt Ion: 75 Resp: 5850
Ion Ratio Lower Upper
75 100
110 5.2 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.109 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

Tgt Ion: 117 Resp: 6999
Ion Ratio Lower Upper
117 100
119 0.0 77.3 115.9#
121 0.0 24.2 36.2#





#48

Methyl methacrylate

Concen: Below Cal

RT: 7.964 min Scan# 1128

Delta R.T. 0.268 min

Lab File: VX027750.D

Acq: 28 Mar 2022 14:02

Instrument :

MSVOA_X

ClientSampleId :

285

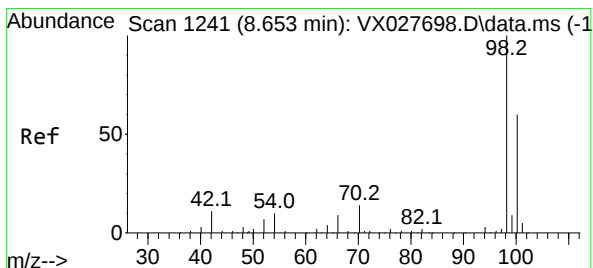
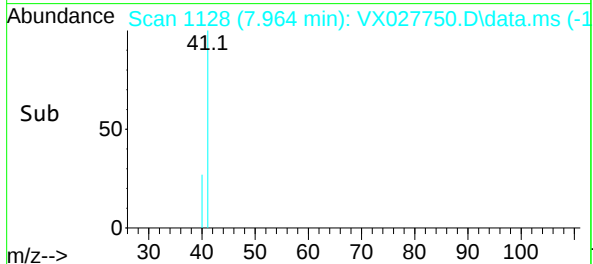
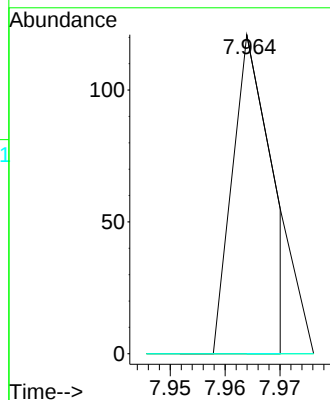
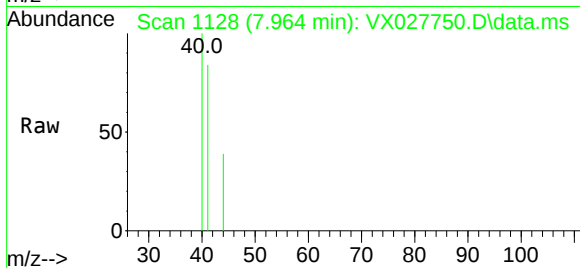
Tgt Ion: 41 Resp: 64

Ion Ratio Lower Upper

41 100

69 0.0 82.5 123.7#

39 0.0 43.8 65.8#



#50

Toluene-d8

Concen: 48.312 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027750.D

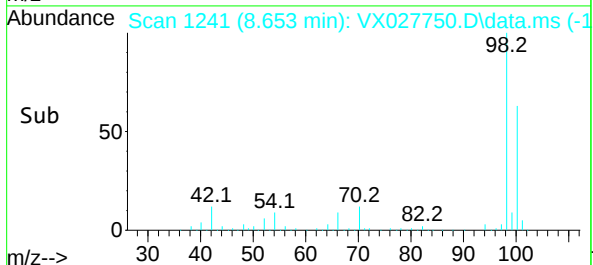
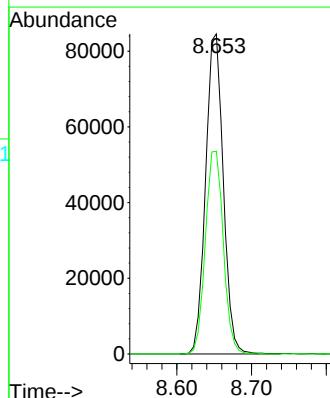
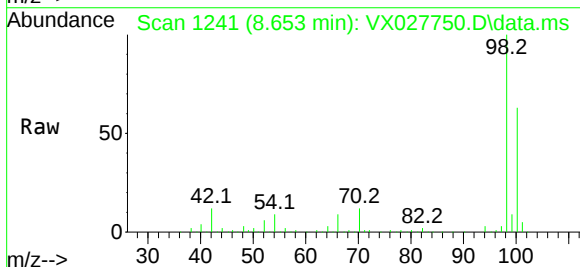
Acq: 28 Mar 2022 14:02

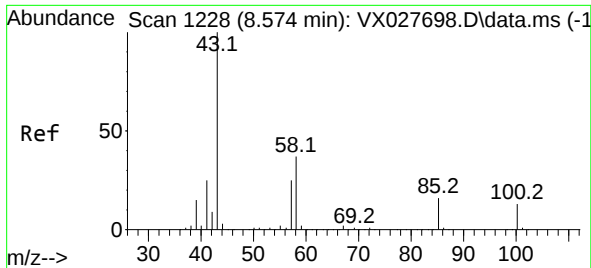
Tgt Ion: 98 Resp: 138627

Ion Ratio Lower Upper

98 100

100 64.3 52.6 78.8

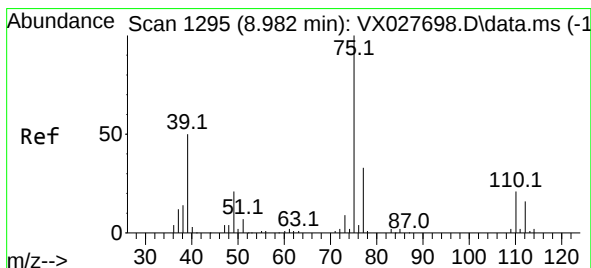
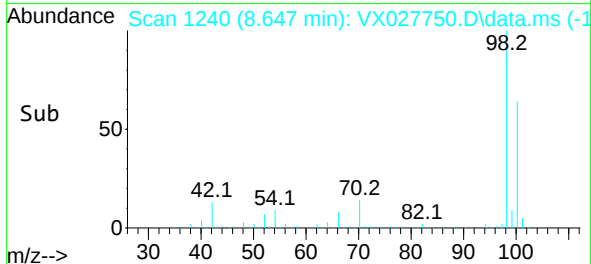
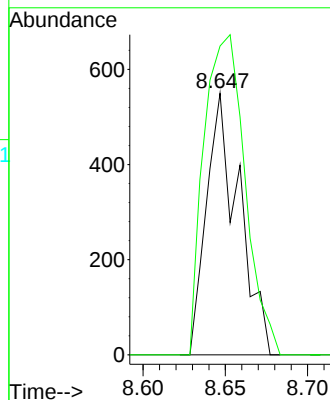
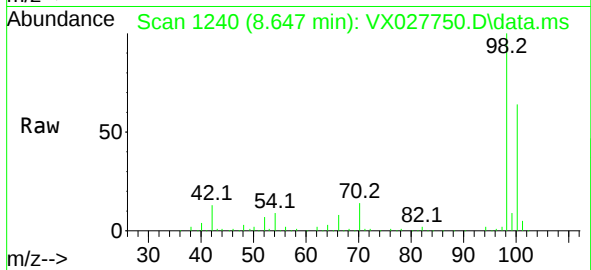




#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

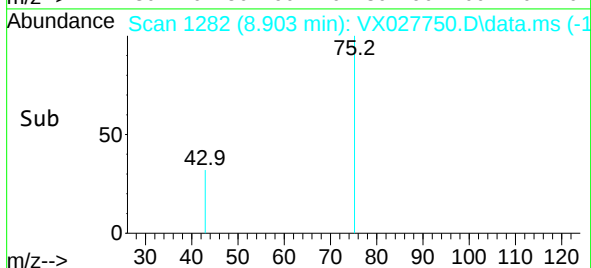
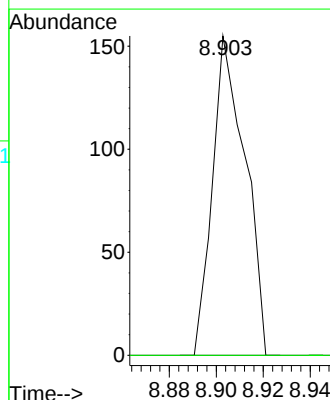
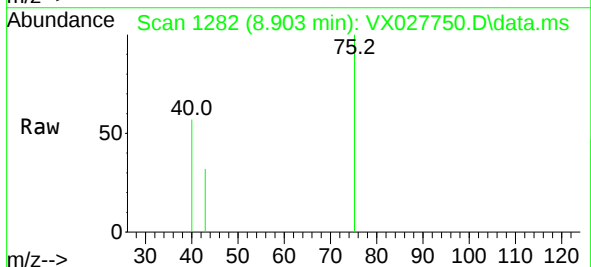
Instrument :
MSVOA_X
ClientSampleId :
285

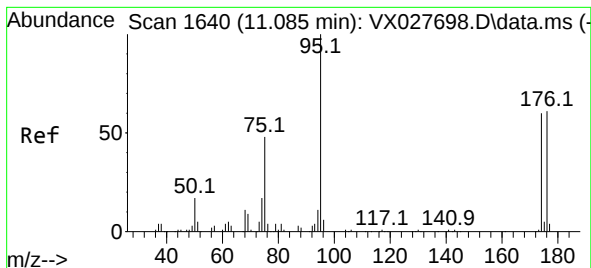
Tgt Ion: 43 Resp: 752
Ion Ratio Lower Upper
43 100
58 155.2 36.1 54.1#



#53
t-1,3-Dichloropropene
Concen: 1.760 ug/l
RT: 8.903 min Scan# 1282
Delta R.T. -0.079 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

Tgt Ion: 75 Resp: 149
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

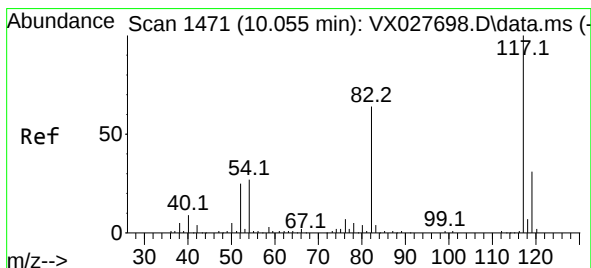
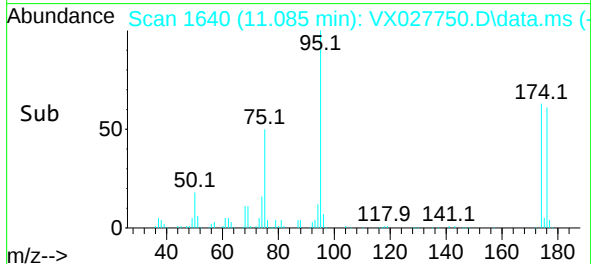
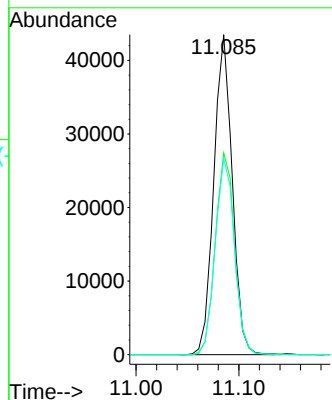
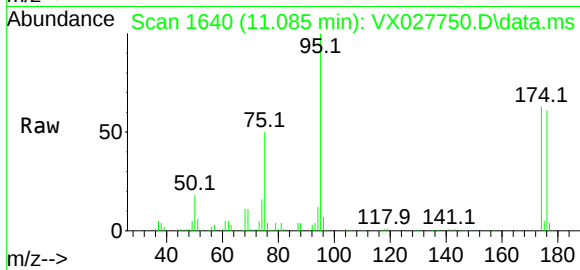




#62
4-Bromofluorobenzene
Concen: 46.433 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

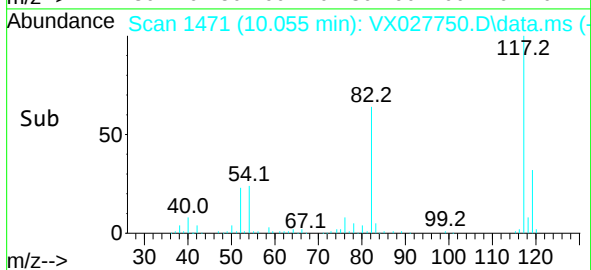
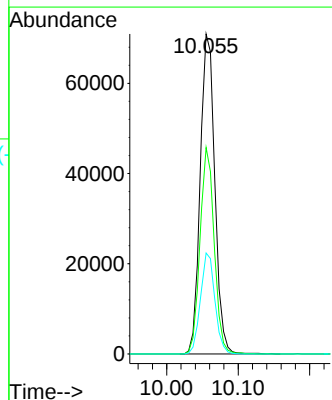
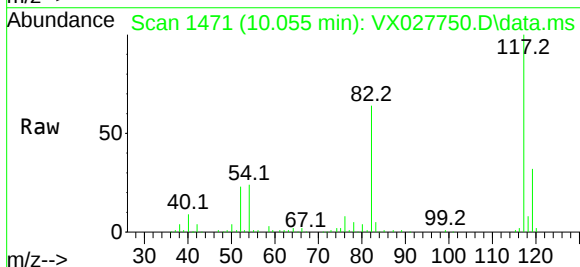
Instrument :
MSVOA_X
ClientSampleId :
285

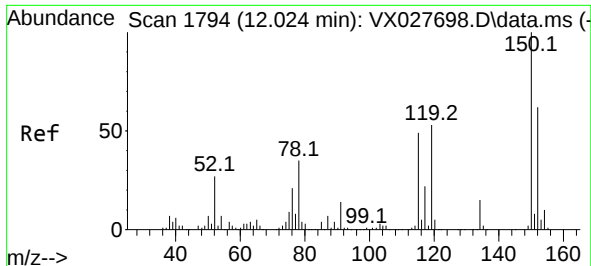
Tgt Ion: 95 Resp: 54063
Ion Ratio Lower Upper
95 100
174 65.6 0.0 163.0
176 63.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

Tgt Ion: 117 Resp: 100448
Ion Ratio Lower Upper
117 100
82 64.5 41.8 62.8#
119 31.5 24.8 37.2

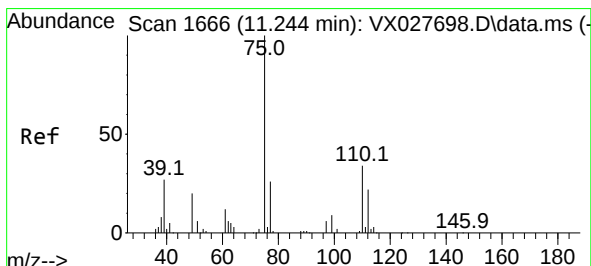
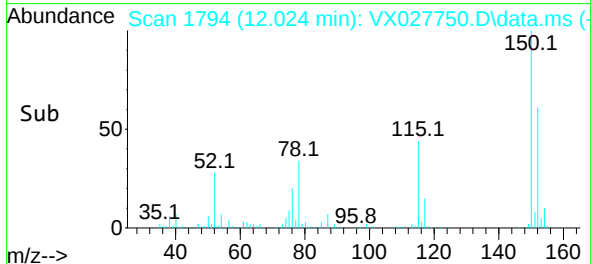
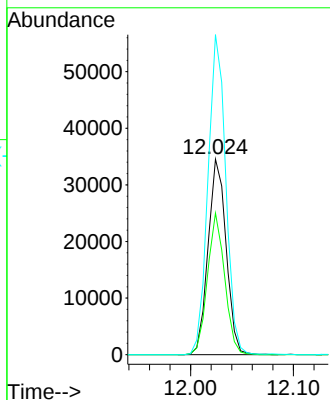
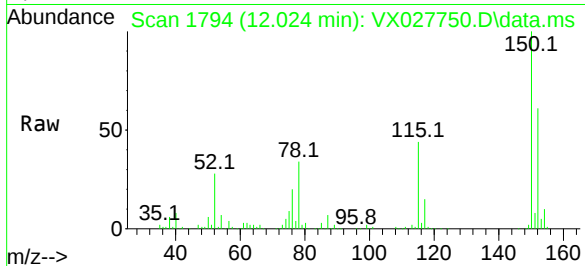




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

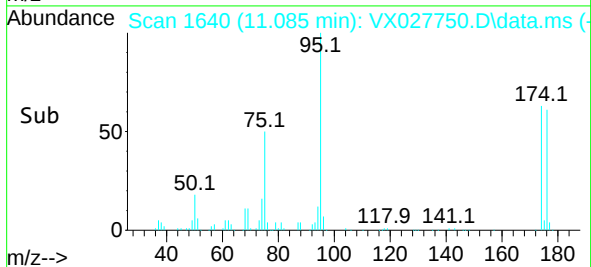
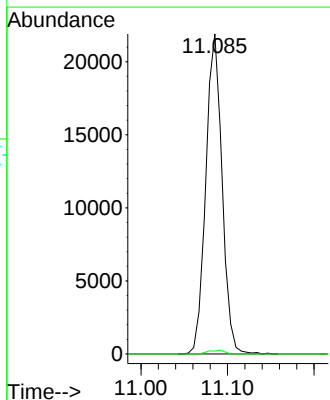
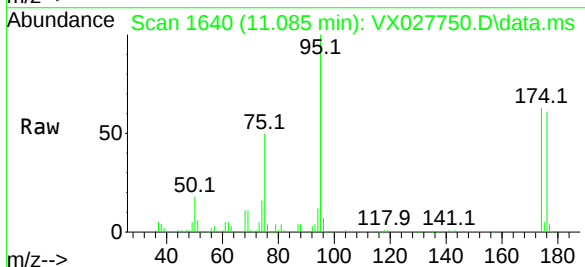
Instrument :
MSVOA_X
ClientSampleId :
285

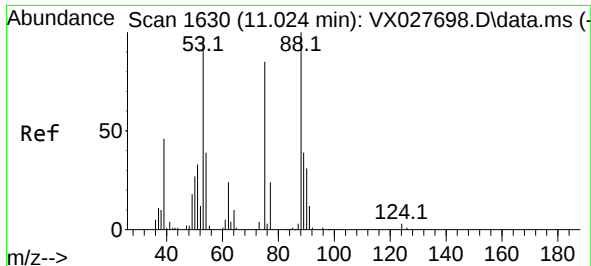
Tgt Ion:152 Resp: 42149
Ion Ratio Lower Upper
152 100
115 69.1 37.5 112.7
150 161.4 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.341 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

Tgt Ion: 75 Resp: 28565
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#

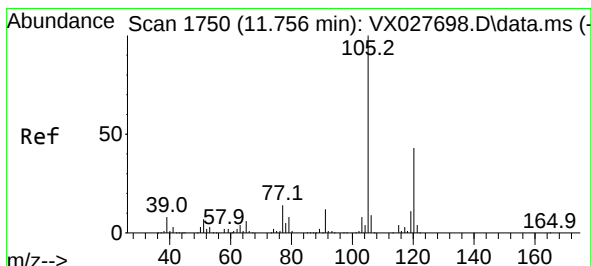
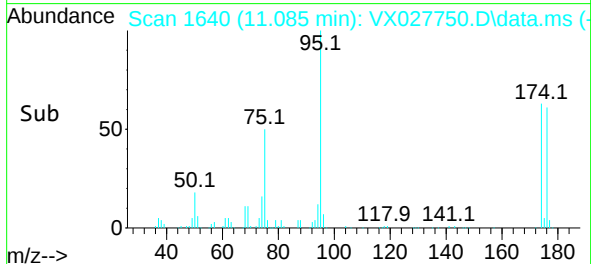
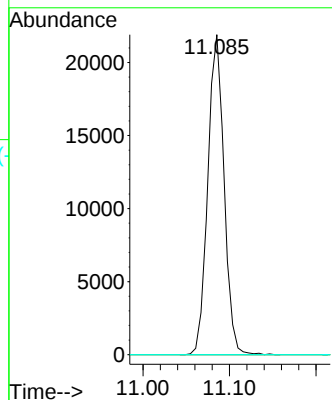
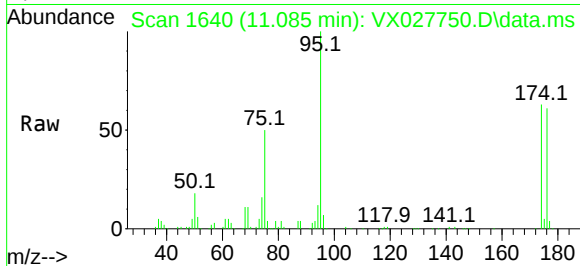




#81
trans-1,4-Dichloro-2-butene
Concen: 82.854 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

Instrument :
MSVOA_X
ClientSampleId :
285

Tgt Ion: 75 Resp: 28565
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.253 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VX027750.D
Acq: 28 Mar 2022 14:02

Tgt Ion: 105 Resp: 763
Ion Ratio Lower Upper
105 100
120 43.6 22.6 67.8

