

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
 Data File : VX026469.D
 Acq On : 14 Jan 2022 21:46
 Operator : JC/MD
 Sample : PB142010ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 17 00:42:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

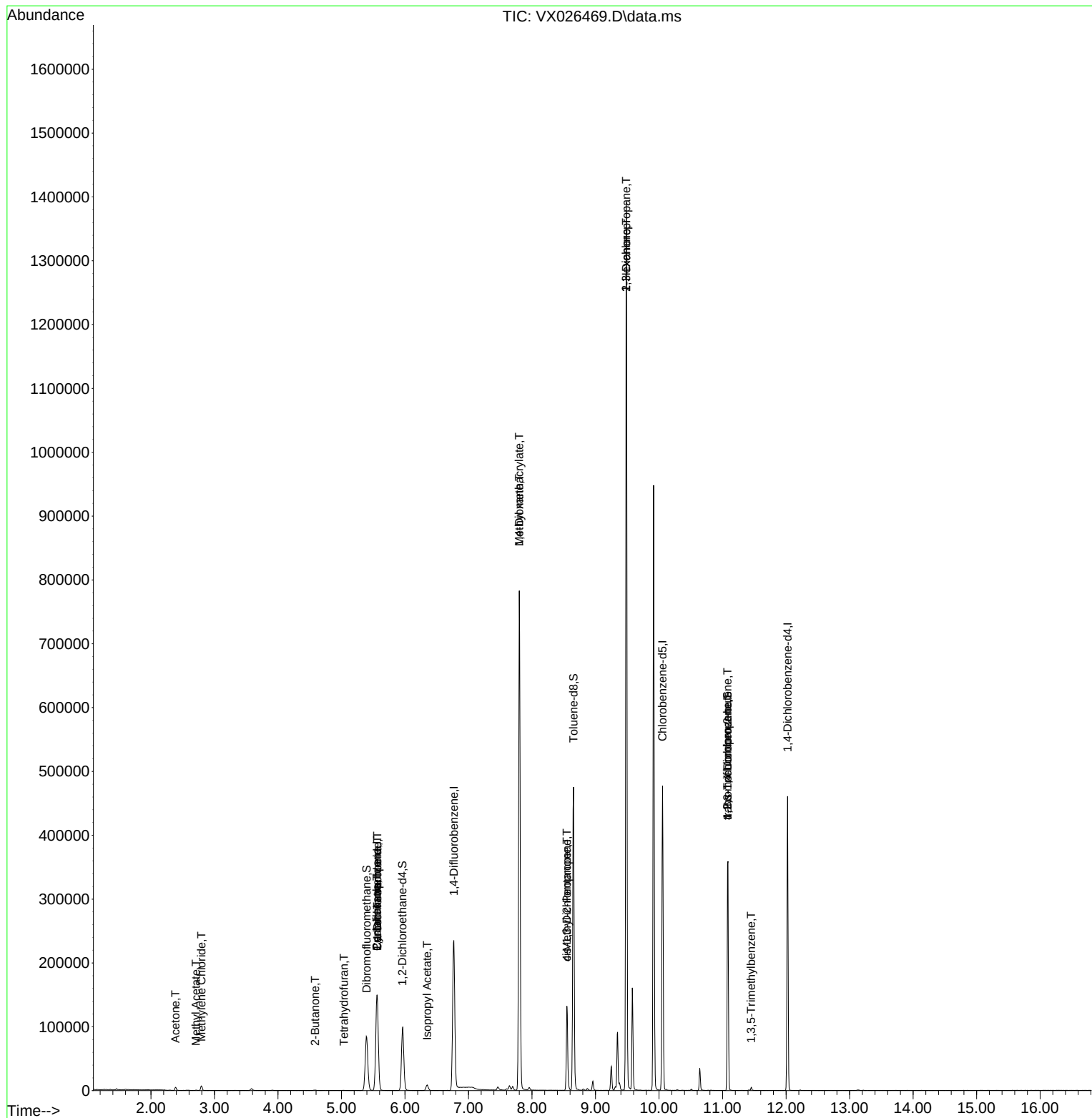
Internal Standards						
1) Pentafluorobenzene	5.556	168	138522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232926	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95548	49.378	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.760%
35) Dibromofluoromethane	5.397	113	74130	49.283	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.560%
50) Toluene-d8	8.653	98	270705	49.942	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.880%
62) 4-Bromofluorobenzene	11.079	95	100534	52.211	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.420%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	5531	5.605	ug/l	98
18) Methyl Acetate	2.709	43	973	0.496	ug/l #	82
20) Methylene Chloride	2.794	84	3145	1.929	ug/l	92
25) 2-Butanone	4.586	43	1295	1.009	ug/l #	82
29) Tetrahydrofuran	5.038	42	235	0.308	ug/l #	34
31) Cyclohexane	5.556	56	2859	1.002	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11290	4.755	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15051	6.162	ug/l #	16
43) Isopropyl Acetate	6.348	43	12607	3.249	ug/l	98
48) Methyl methacrylate	7.799	41	65972	34.309	ug/l #	45
49) 1,4-Dioxane	7.799	88	105	3.327	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	46356	20.142	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	20631	8.232	ug/l #	58
57) 1,3-Dichloropropane	9.482	76	12045	4.423	ug/l #	43
59) 2-Hexanone	9.482	43	173476	98.485	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	51046	26.165	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	2384	0.398	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	51046	79.300	ug/l #	3

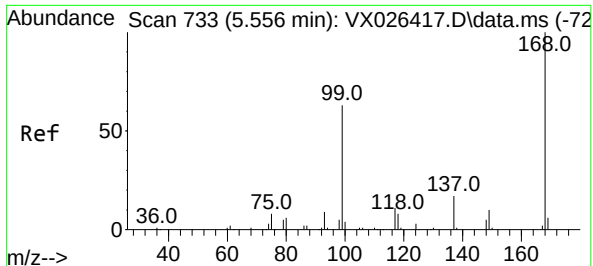
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

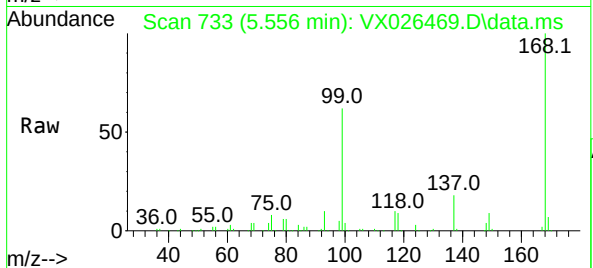
Quant Time: Jan 17 00:42:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



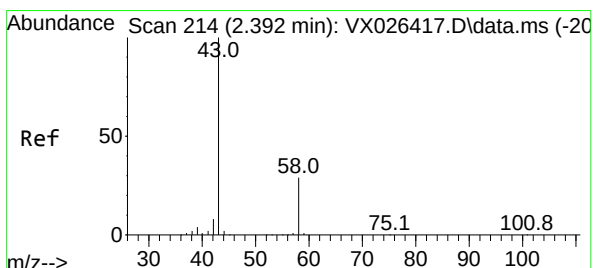
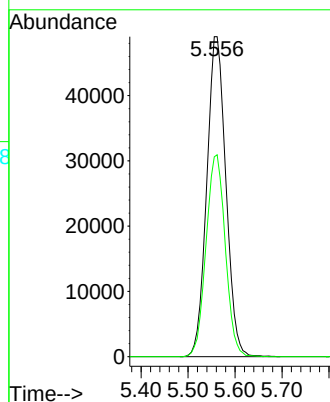
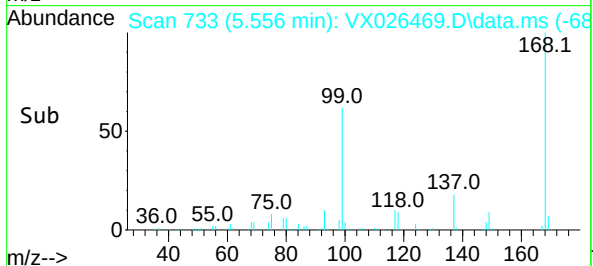


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46

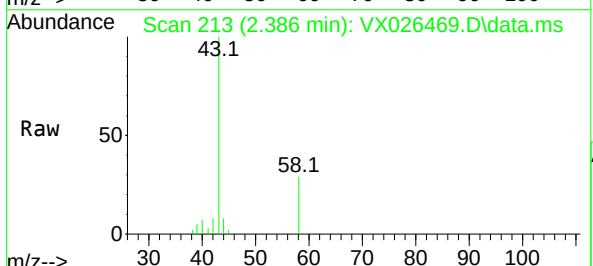
Instrument :
MSVOA_X
ClientSampleId :



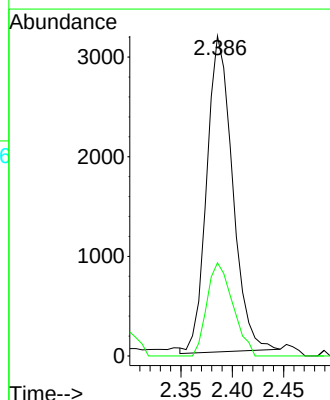
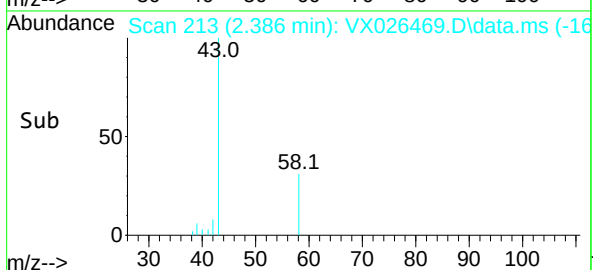
Tgt Ion:168 Resp: 138522
Ion Ratio Lower Upper
168 100
99 62.4 50.3 75.5

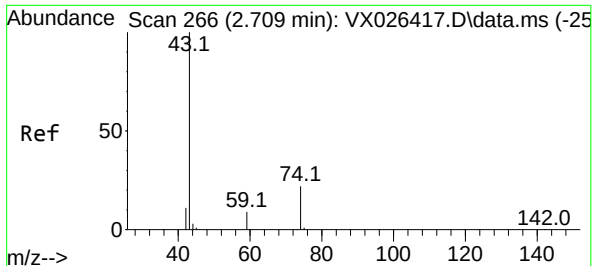


#16
Acetone
Concen: 5.605 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46



Tgt Ion: 43 Resp: 5531
Ion Ratio Lower Upper
43 100
58 29.7 23.0 34.6

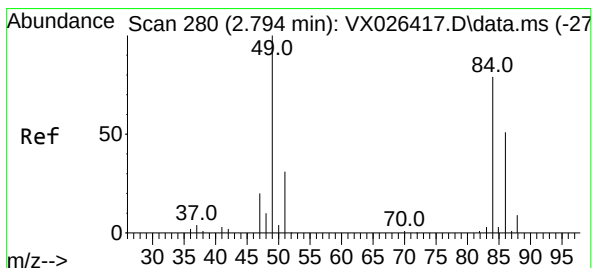
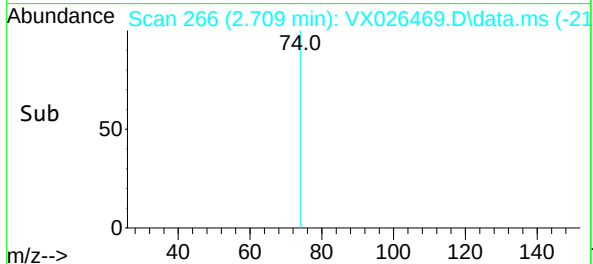
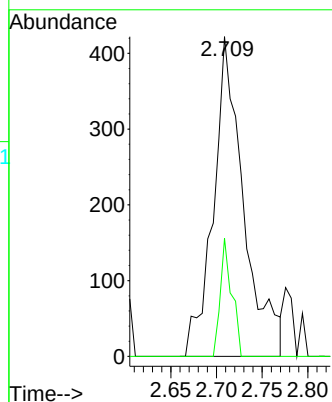
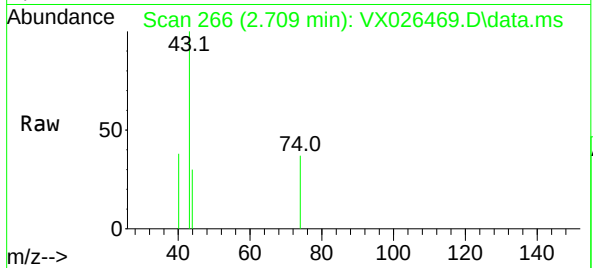




#18
Methyl Acetate
Concen: 0.496 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46

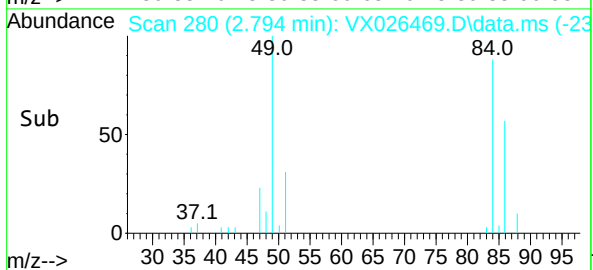
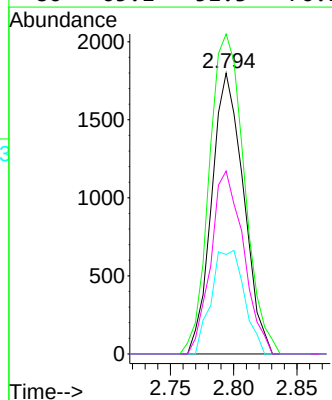
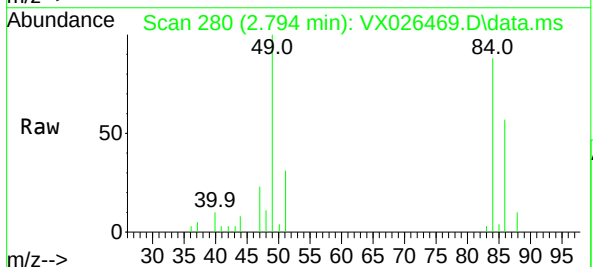
Instrument :
MSVOA_X
ClientSampleId :

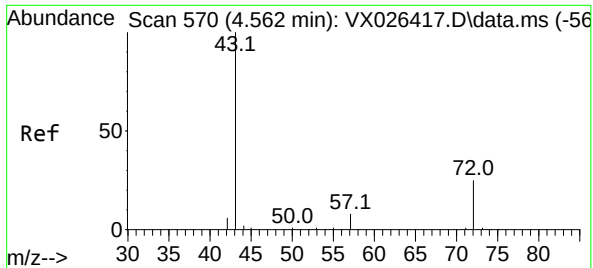
Tgt Ion: 43 Resp: 973
Ion Ratio Lower Upper
43 100
74 14.0 18.3 27.5#



#20
Methylene Chloride
Concen: 1.929 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46

Tgt Ion: 84 Resp: 3145
Ion Ratio Lower Upper
84 100
49 114.0 101.5 152.3
51 35.4 31.2 46.8
86 65.1 51.3 76.9

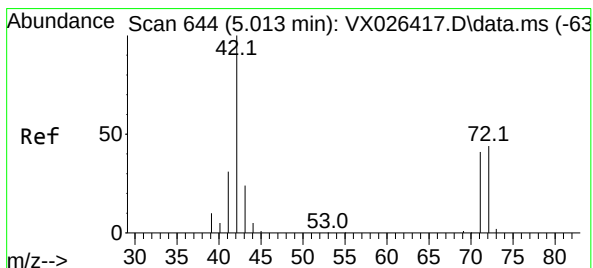
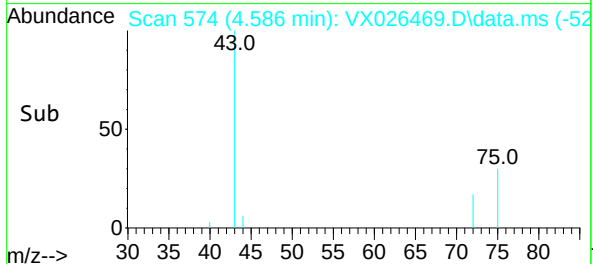
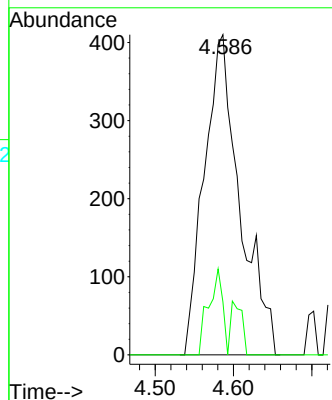
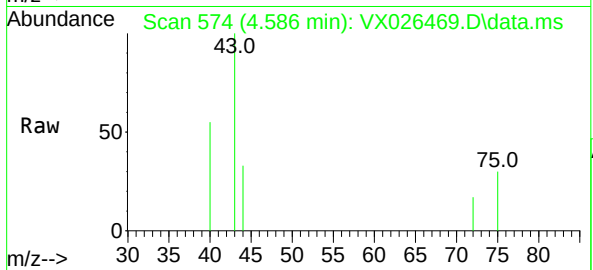




#25
2-Butanone
Concen: 1.009 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46

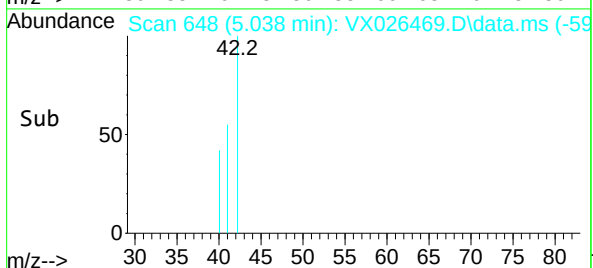
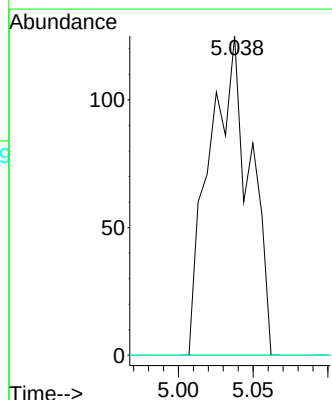
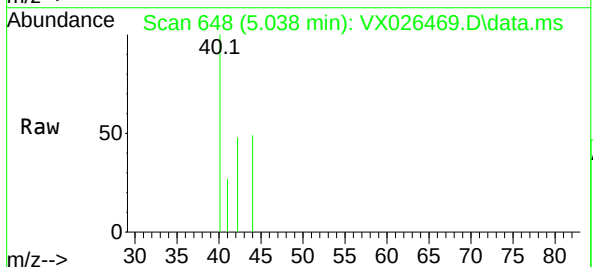
Instrument :
MSVOA_X
ClientSampleId :

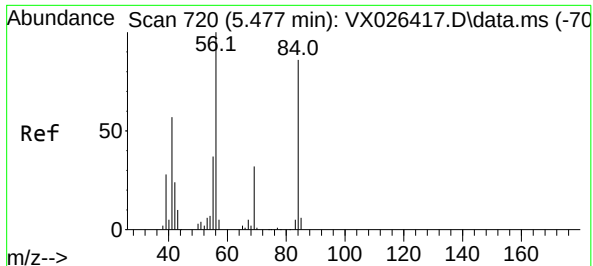
Tgt Ion: 43 Resp: 1295
Ion Ratio Lower Upper
43 100
72 16.6 20.4 30.6#



#29
Tetrahydrofuran
Concen: 0.308 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.024 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46

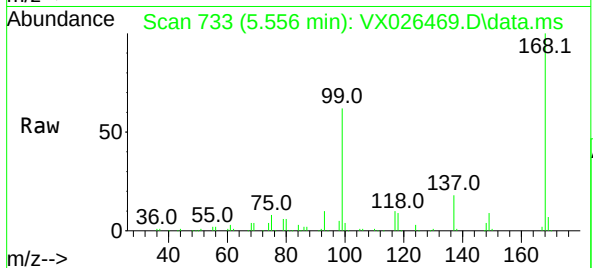
Tgt Ion: 42 Resp: 235
Ion Ratio Lower Upper
42 100
72 0.0 34.6 52.0#
71 0.0 31.8 47.8#



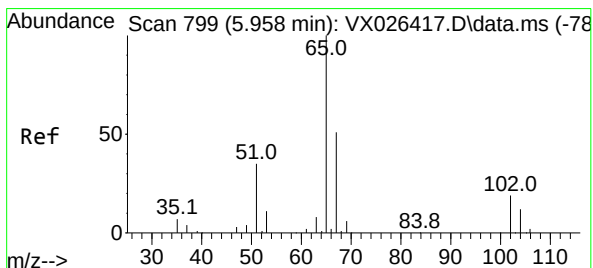
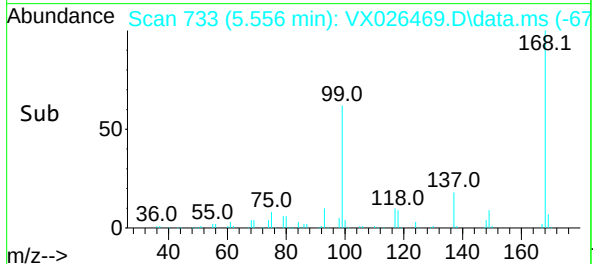
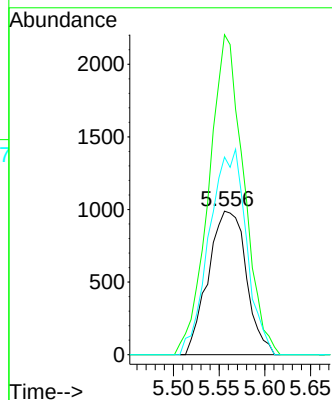


#31
Cyclohexane
Concen: 1.002 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46

Instrument :
MSVOA_X
ClientSampleId :

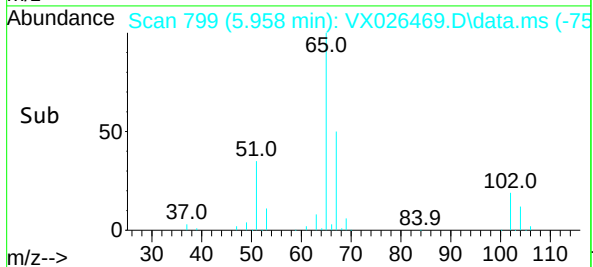
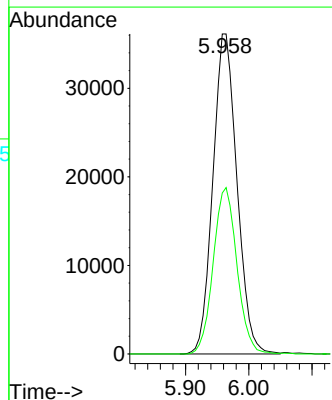
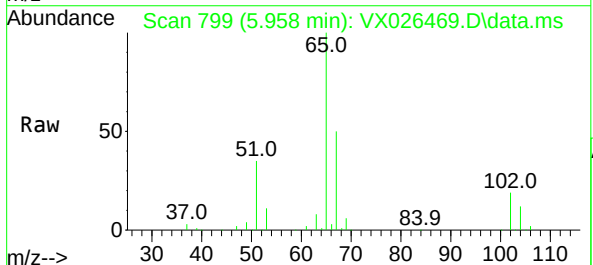


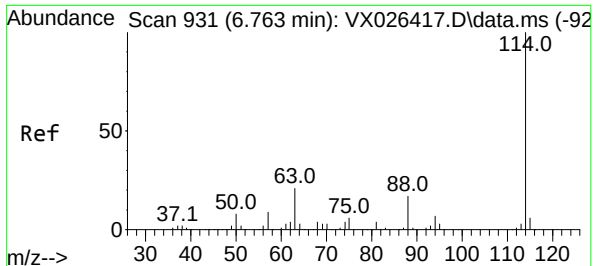
Tgt Ion: 56 Resp: 2859
Ion Ratio Lower Upper
56 100
69 222.9 25.8 38.6#
84 137.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 49.378 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46

Tgt Ion: 65 Resp: 95548
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.8

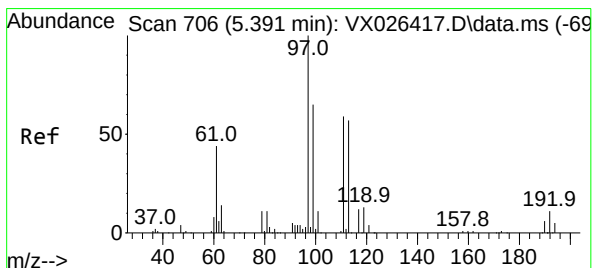
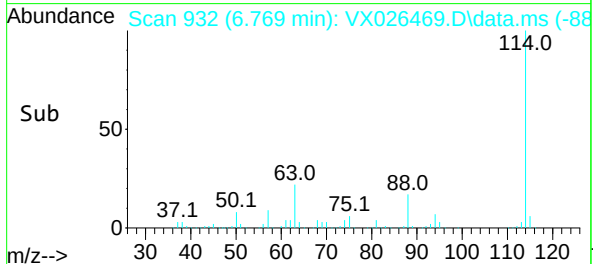
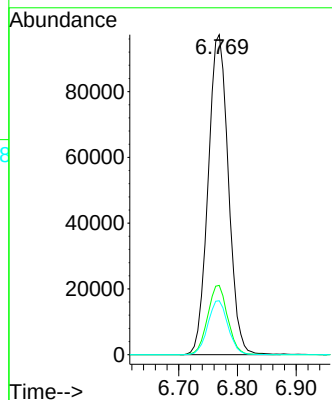
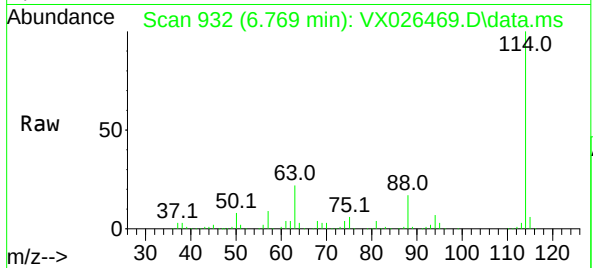




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46

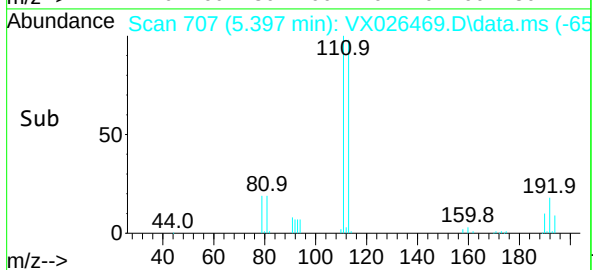
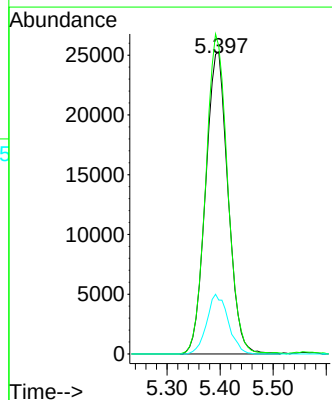
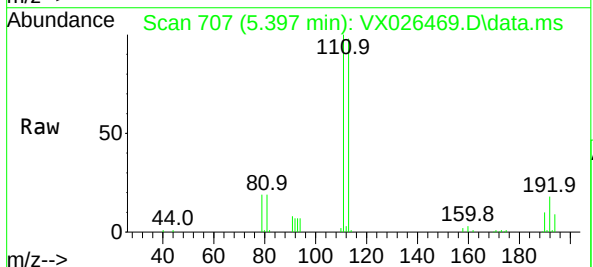
Instrument :
MSVOA_X
ClientSampleId :

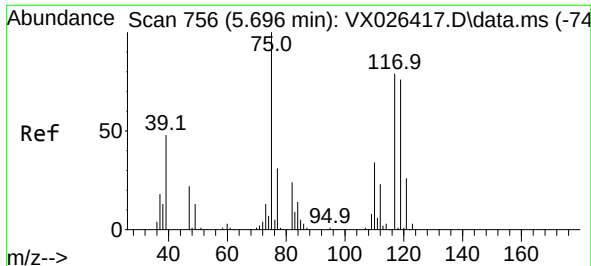
Tgt Ion:114 Resp: 232926
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.8
88 16.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.283 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46

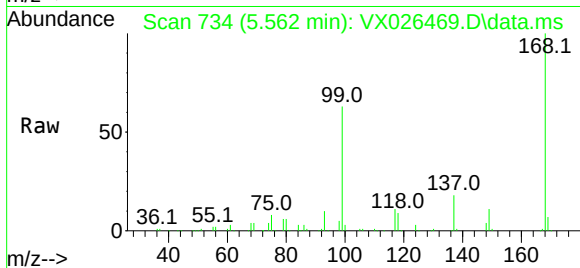
Tgt Ion:113 Resp: 74130
Ion Ratio Lower Upper
113 100
111 103.5 81.2 121.8
192 19.0 15.0 22.4



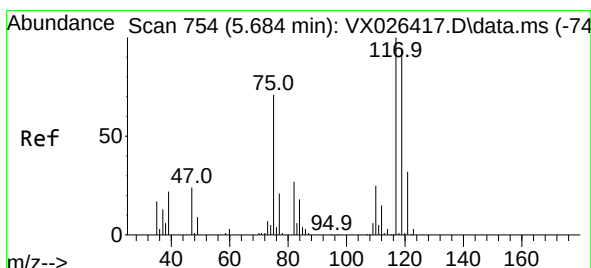
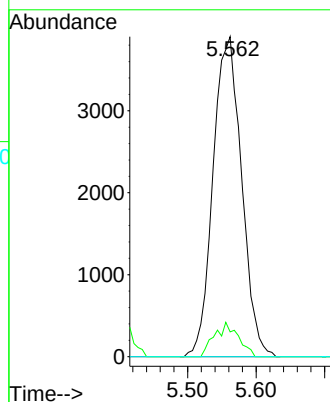
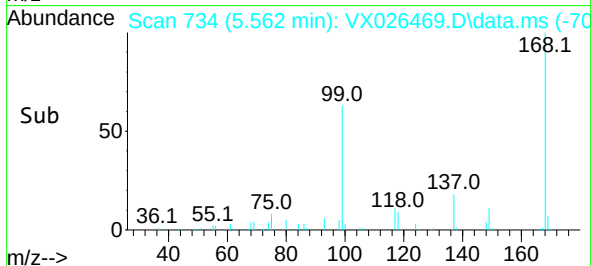


#36
1,1-Dichloropropene
Concen: 4.755 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46

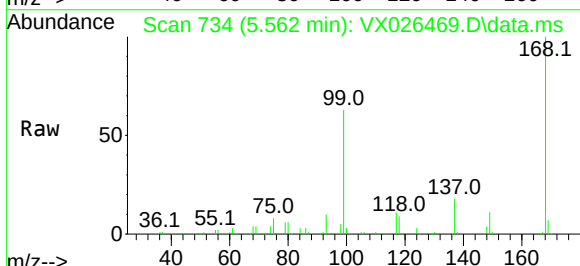
Instrument :
MSVOA_X
ClientSampleId :



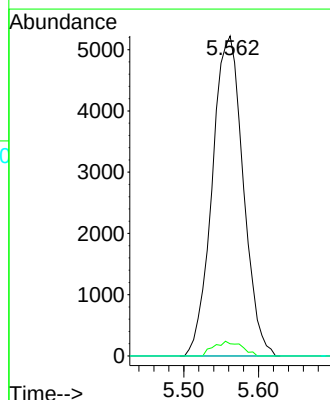
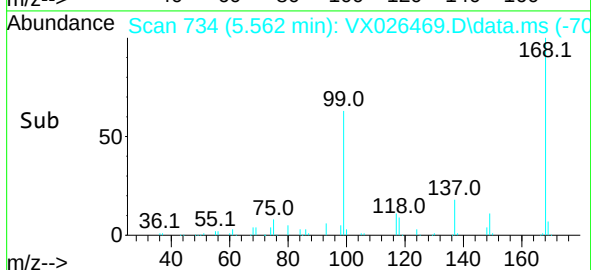
Tgt Ion: 75 Resp: 11290
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.6#
77 0.0 24.6 36.8#

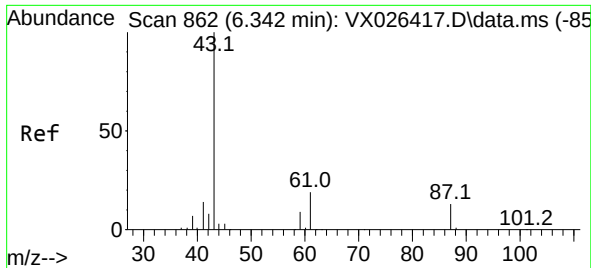


#38
Carbon Tetrachloride
Concen: 6.162 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46



Tgt Ion: 117 Resp: 15051
Ion Ratio Lower Upper
117 100
119 3.8 74.7 112.1#
121 0.0 25.4 38.0#

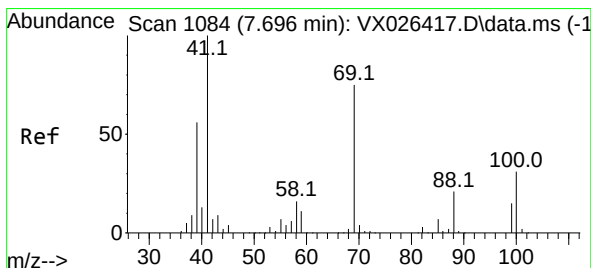
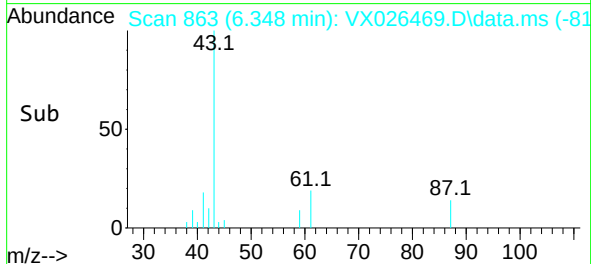
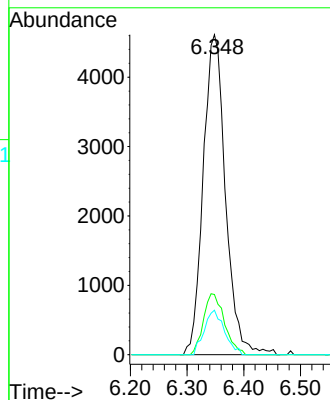
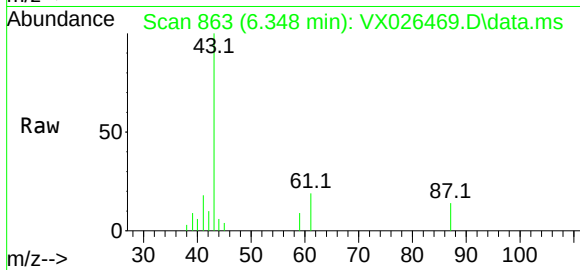




#43
Isopropyl Acetate
Concen: 3.249 ug/l
RT: 6.348 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46

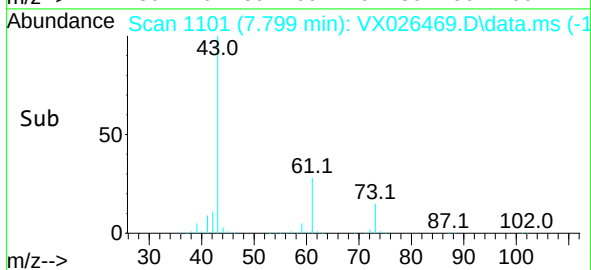
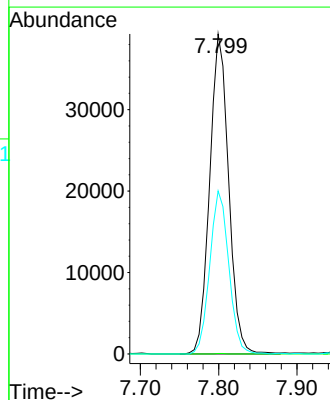
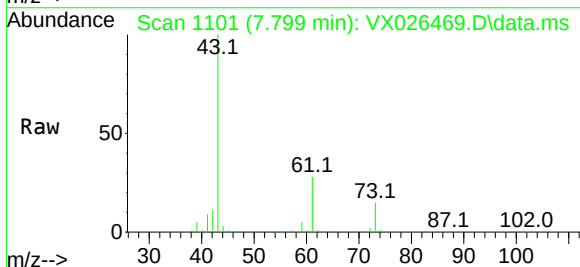
Instrument :
MSVOA_X
ClientSampleId :

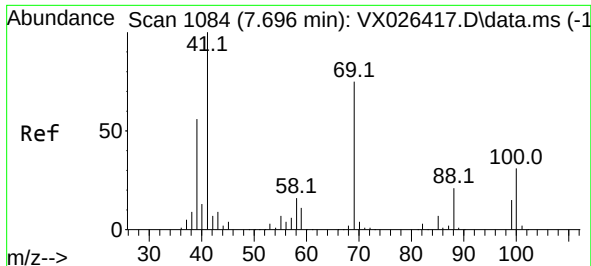
Tgt Ion: 43 Resp: 12607
Ion Ratio Lower Upper
43 100
61 17.9 15.4 23.0
87 12.5 10.2 15.2



#48
Methyl methacrylate
Concen: 34.309 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46

Tgt Ion: 41 Resp: 65972
Ion Ratio Lower Upper
41 100
69 0.1 62.2 93.4#
39 51.1 45.4 68.0





#49

1,4-Dioxane

Concen: 3.327 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026469.D

Acq: 14 Jan 2022 21:46

Instrument :

MSVOA_X

ClientSampleId :

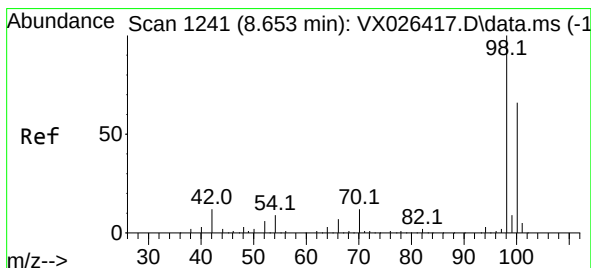
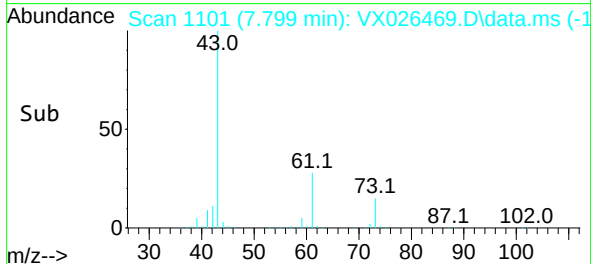
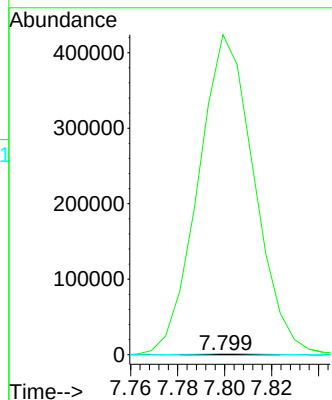
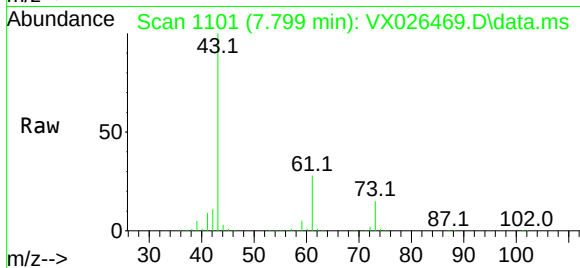
Tgt Ion: 88 Resp: 105

Ion Ratio Lower Upper

88 100

43 673488.6 29.9 44.9#

58 2629.5 57.8 86.6#



#50

Toluene-d8

Concen: 49.942 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026469.D

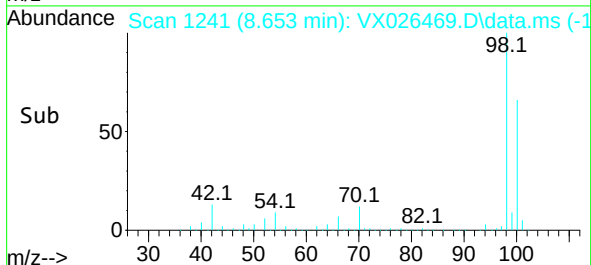
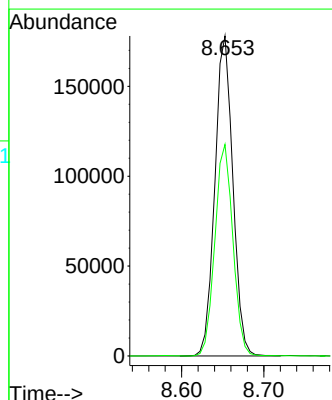
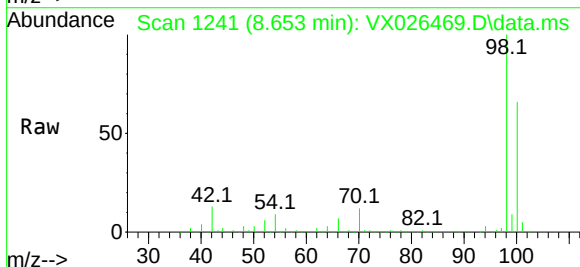
Acq: 14 Jan 2022 21:46

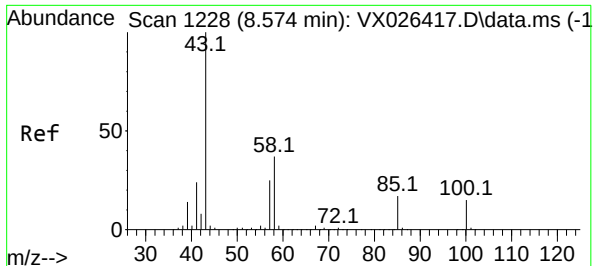
Tgt Ion: 98 Resp: 270705

Ion Ratio Lower Upper

98 100

100 66.3 53.2 79.8

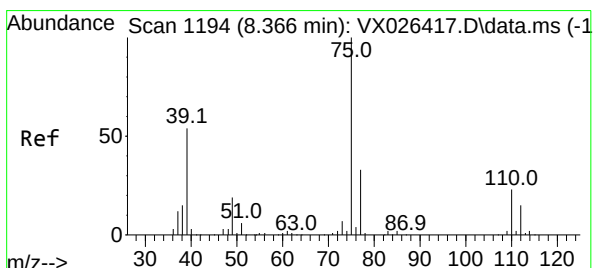
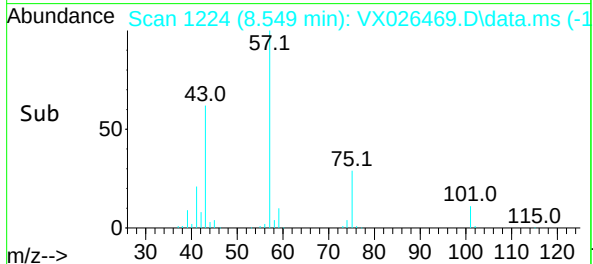
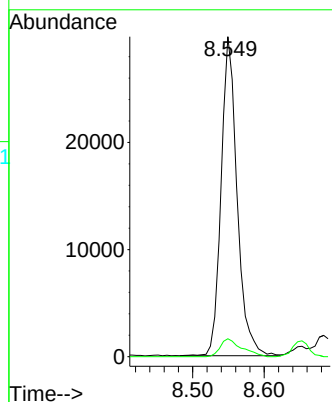
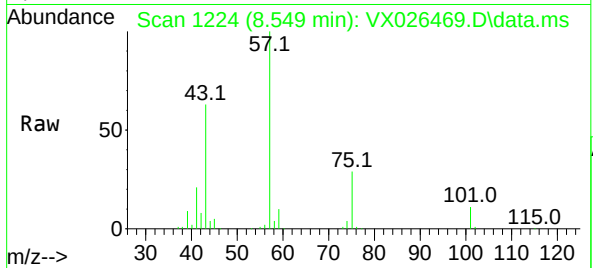




#51
4-Methyl-2-Pentanone
Concen: 20.142 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46

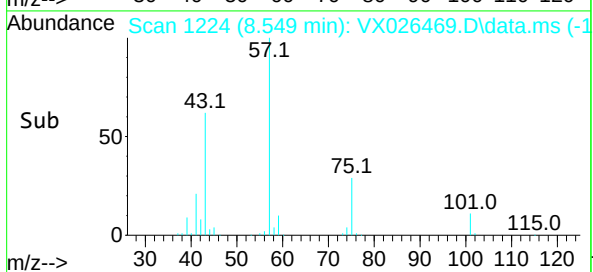
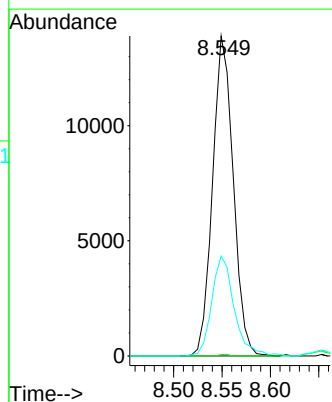
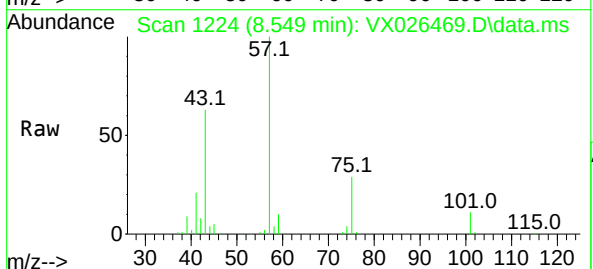
Instrument :
MSVOA_X
ClientSampleId :

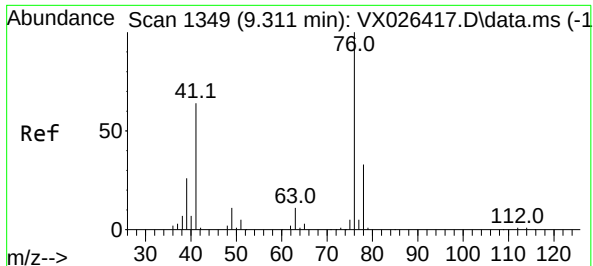
Tgt Ion: 43 Resp: 46356
Ion Ratio Lower Upper
43 100
58 7.5 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 8.232 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46

Tgt Ion: 75 Resp: 20631
Ion Ratio Lower Upper
75 100
77 0.5 26.2 39.2#
39 31.2 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.423 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026469.D

Acq: 14 Jan 2022 21:46

Instrument :

MSVOA_X

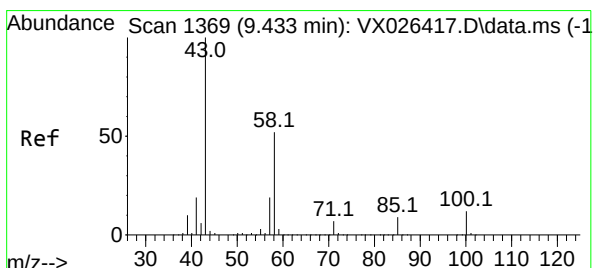
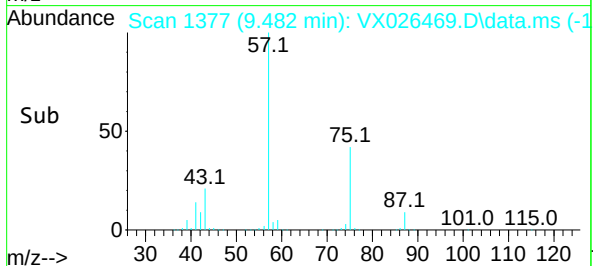
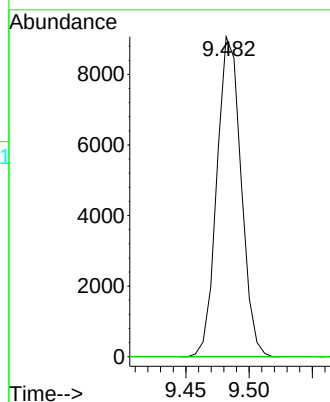
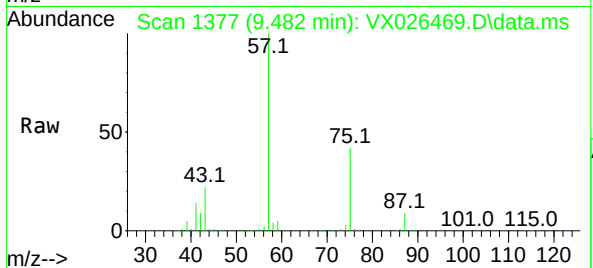
ClientSampleId :

Tgt Ion: 76 Resp: 12045

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 98.485 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026469.D

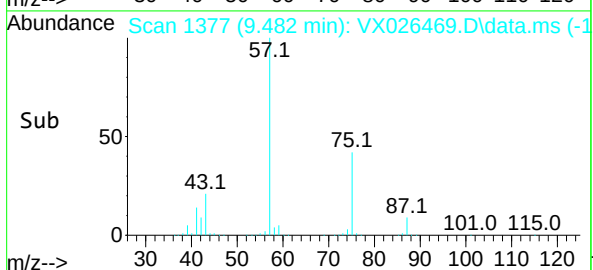
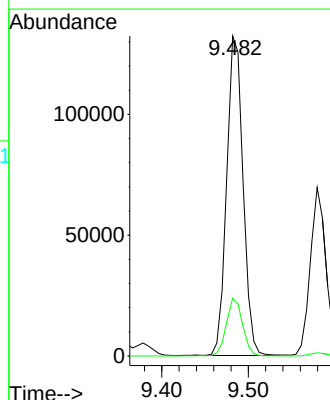
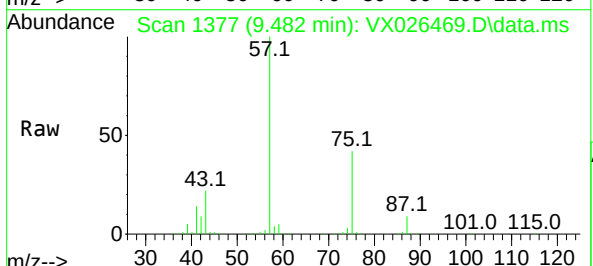
Acq: 14 Jan 2022 21:46

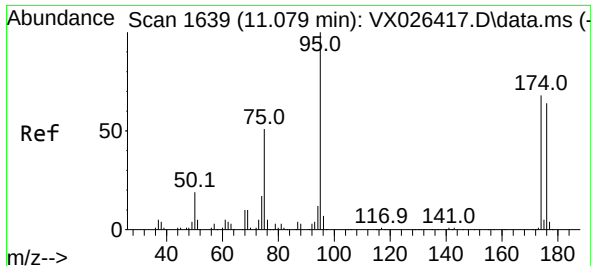
Tgt Ion: 43 Resp: 173476

Ion Ratio Lower Upper

43 100

58 18.1 26.4 79.2#

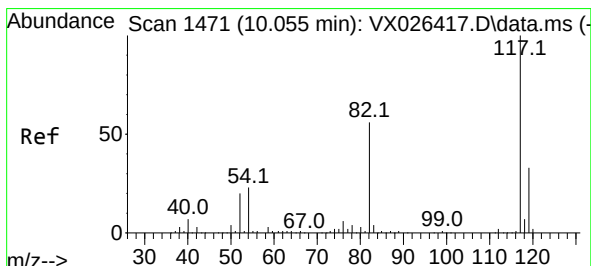
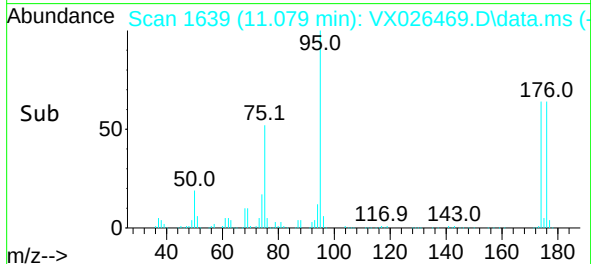
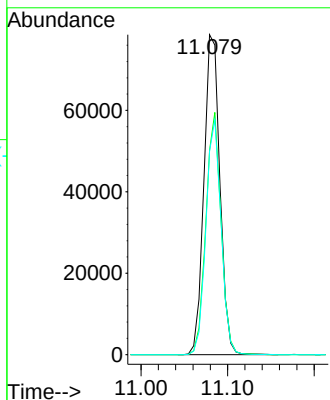
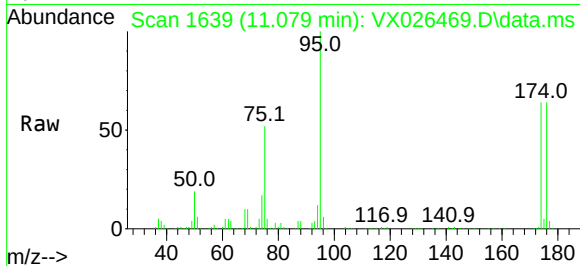




#62
4-Bromofluorobenzene
Concen: 52.211 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46

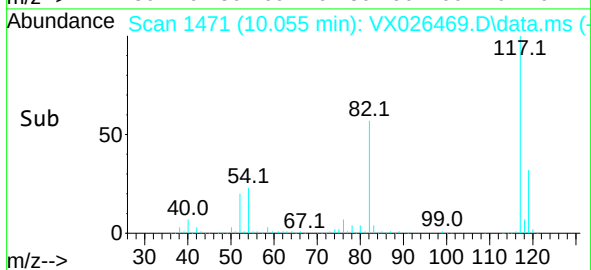
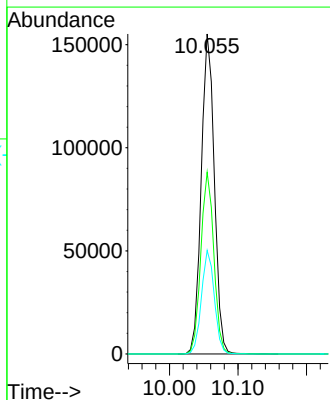
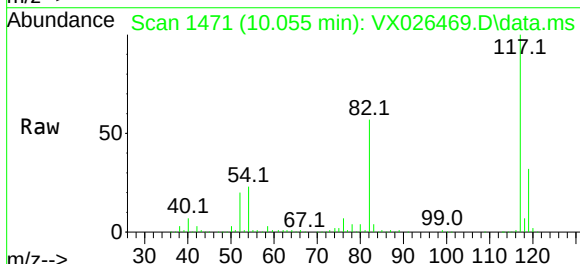
Instrument :
MSVOA_X
ClientSampleId :

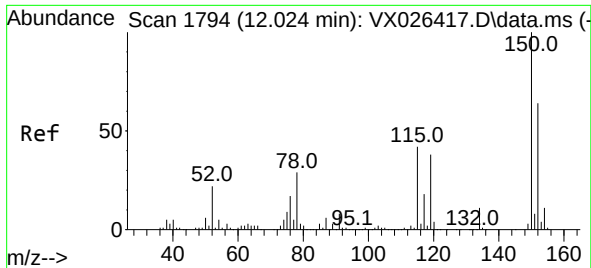
Tgt Ion: 95 Resp: 100534
Ion Ratio Lower Upper
95 100
174 72.0 0.0 148.6
176 69.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46

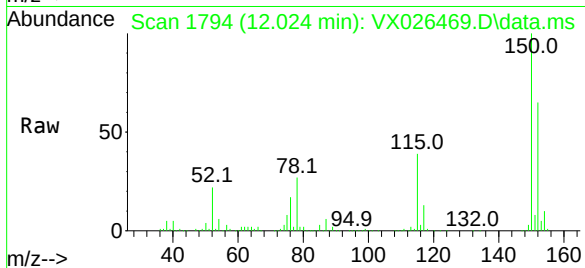
Tgt Ion: 117 Resp: 206587
Ion Ratio Lower Upper
117 100
82 56.8 45.2 67.8
119 32.4 26.2 39.2



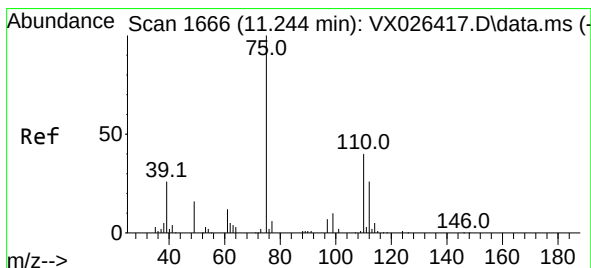
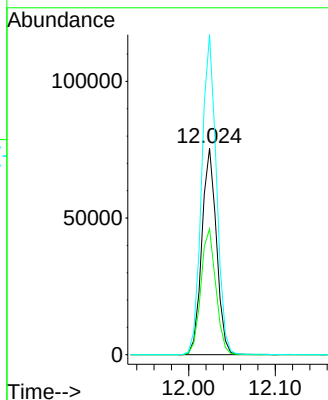
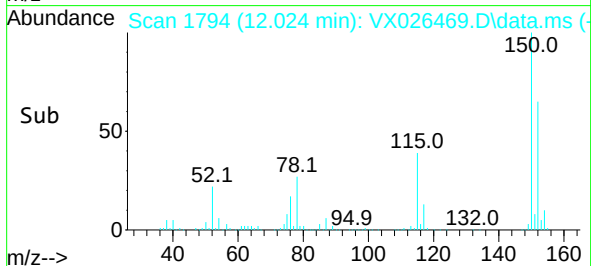


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX026469.D
 Acq: 14 Jan 2022 21:46

Instrument :
 MSVOA_X
 ClientSampleId :

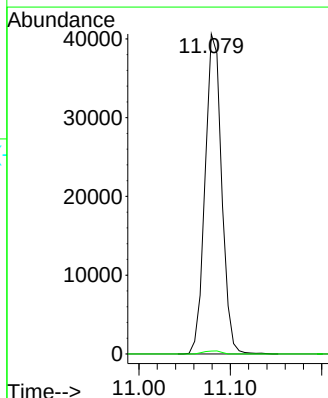
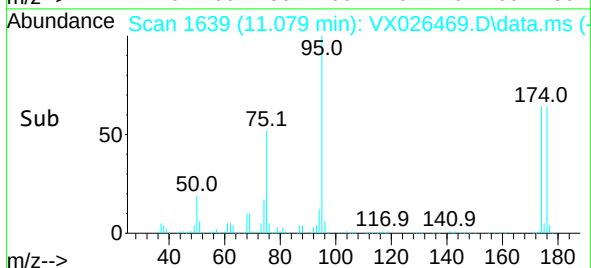
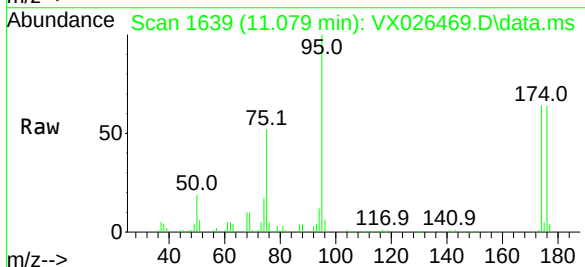


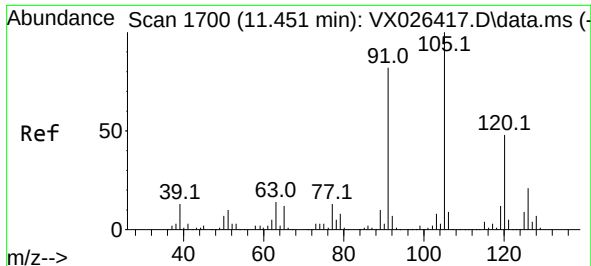
Tgt Ion:152 Resp: 88606
 Ion Ratio Lower Upper
 152 100
 115 62.1 44.2 132.6
 150 156.4 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 26.165 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026469.D
 Acq: 14 Jan 2022 21:46

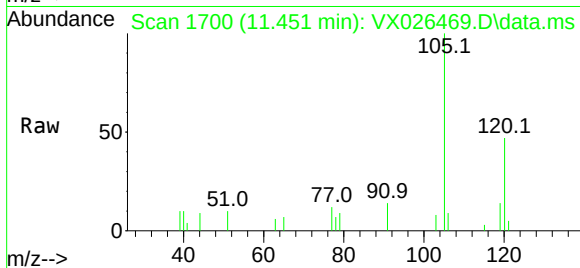
Tgt Ion: 75 Resp: 51046
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.3 54.8#



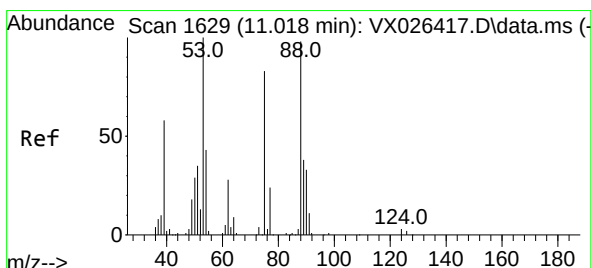
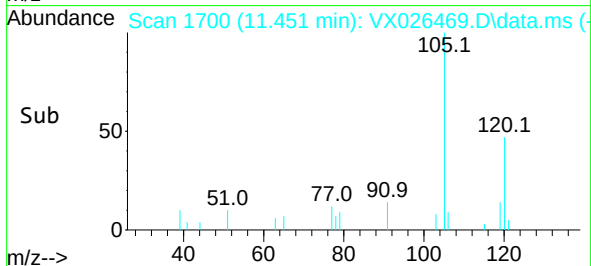
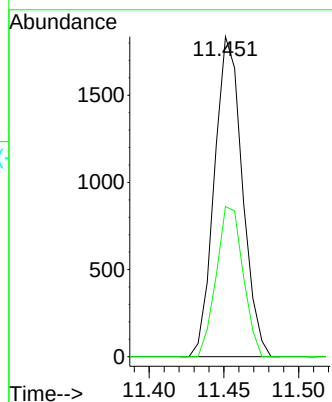


#80
1,3,5-Trimethylbenzene
Concen: 0.398 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:105 Resp: 2384
Ion Ratio Lower Upper
105 100
120 44.9 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 79.300 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026469.D
Acq: 14 Jan 2022 21:46

Tgt Ion: 75 Resp: 51046
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

