

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032872.D
 Acq On : 16 Nov 2022 16:47
 Operator : JC/MD
 Sample : N5640-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 05:43:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

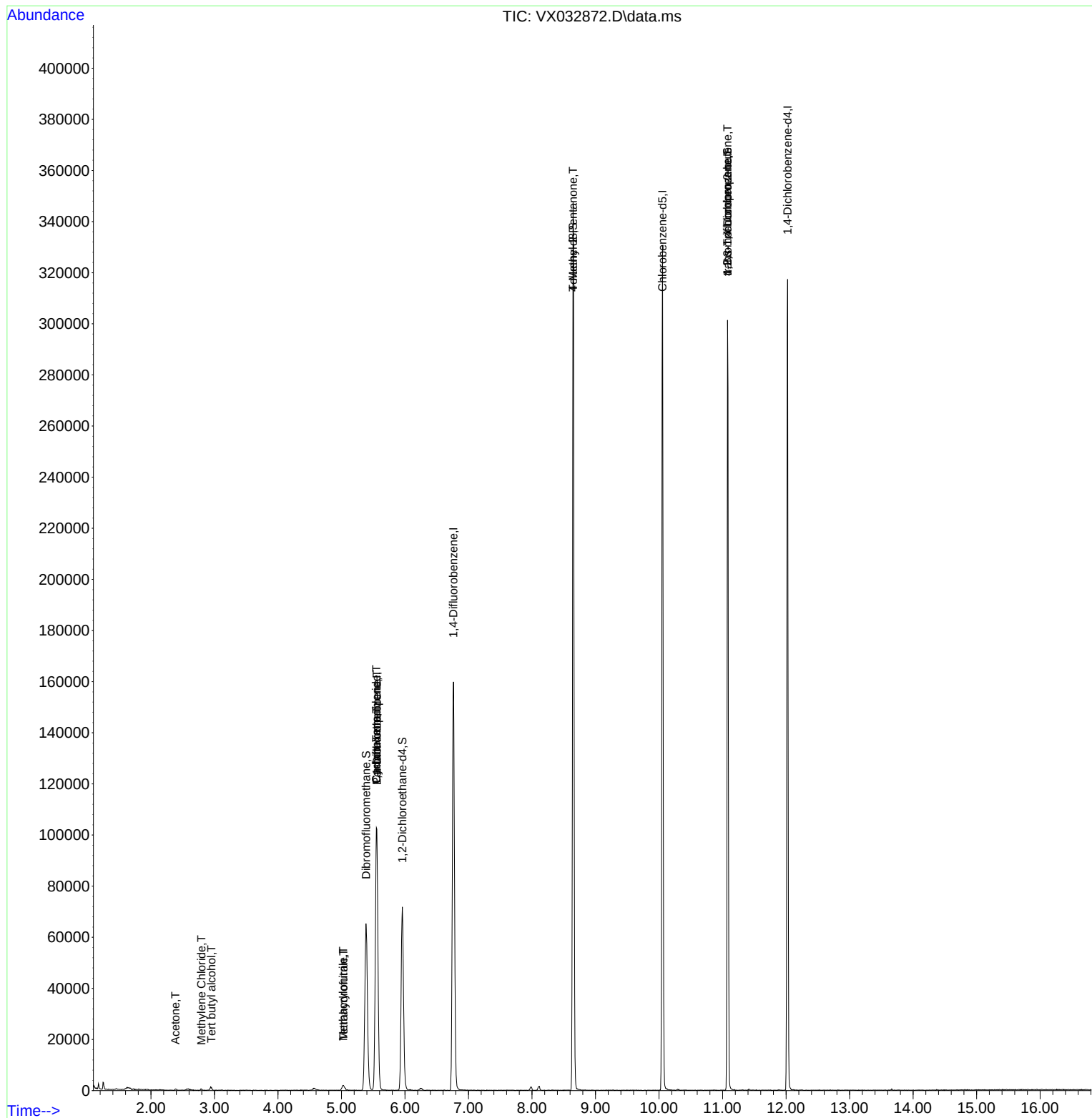
Internal Standards						
1) Pentafluorobenzene	5.556	168	98037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164071	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71140	52.224	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.440%	
35) Dibromofluoromethane	5.385	113	55531	47.449	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.900%	
50) Toluene-d8	8.647	98	204092	50.151	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.300%	
62) 4-Bromofluorobenzene	11.079	95	76028	47.827	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	895	4.514	ug/l #	72
16) Acetone	2.386	43	686	1.386	ug/l	90
20) Methylene Chloride	2.794	84	290	0.255	ug/l #	56
29) Tetrahydrofuran	5.032	42	1768	3.615	ug/l #	81
31) Cyclohexane	5.550	56	2291	1.387	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	7712	4.732	ug/l #	49
38) Carbon Tetrachloride	5.550	117	10301	5.699	ug/l #	16
41) Methacrylonitrile	5.025	41	1150	1.331	ug/l #	46
51) 4-Methyl-2-Pentanone	8.647	43	950	0.579	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40899	28.022	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40899	89.166	ug/l #	6

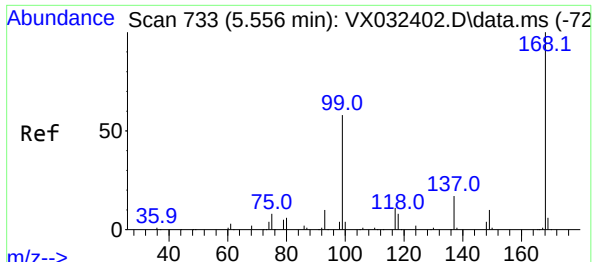
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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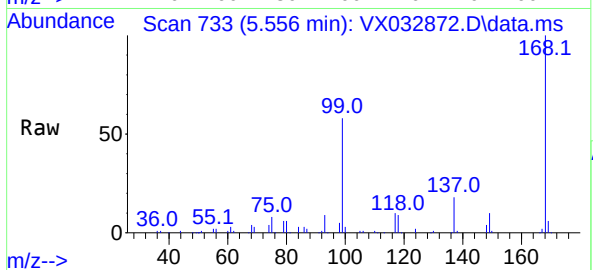
Quant Time: Nov 17 05:43:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
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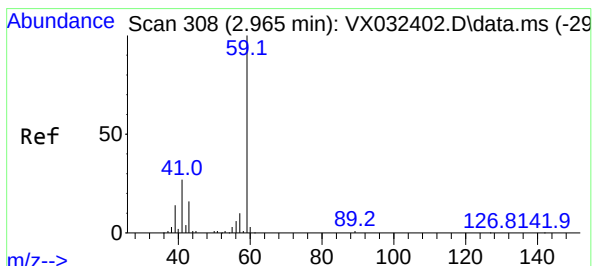
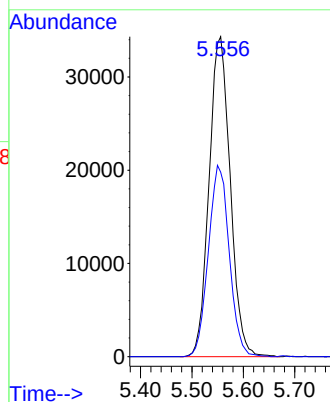
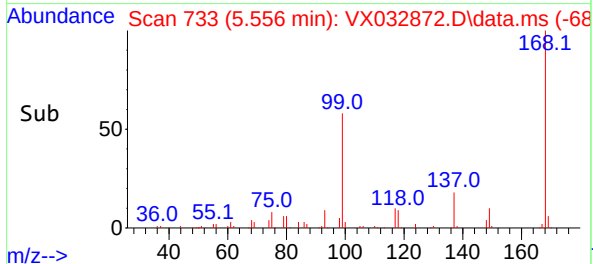


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032872.D
Acq: 16 Nov 2022 16:47

Instrument :
MSVOA_X
ClientSampleId :

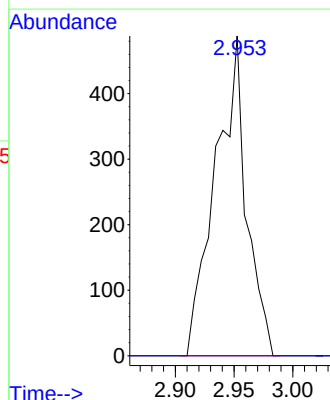
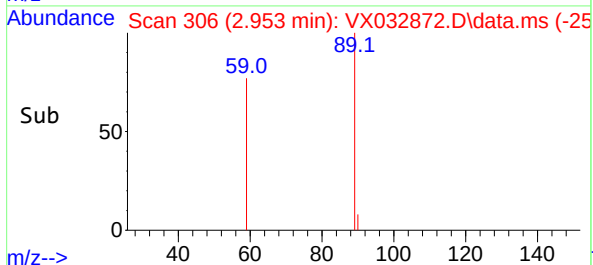
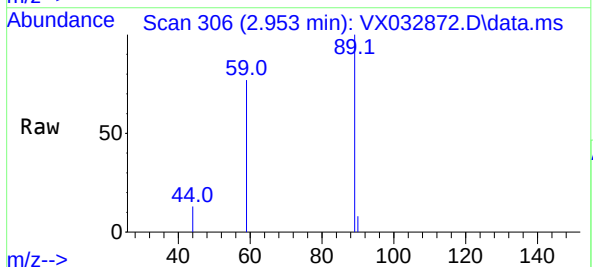


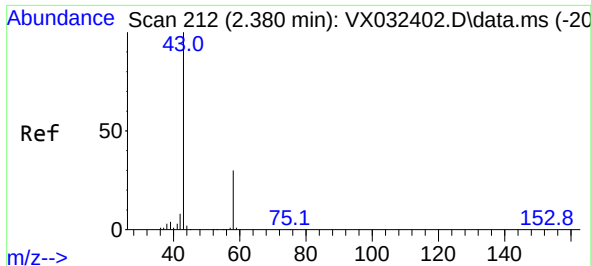
Tgt Ion:168 Resp: 98037
Ion Ratio Lower Upper
168 100
99 57.7 46.1 69.1



#11
Tert butyl alcohol
Concen: 4.514 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX032872.D
Acq: 16 Nov 2022 16:47

Tgt Ion: 59 Resp: 895
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

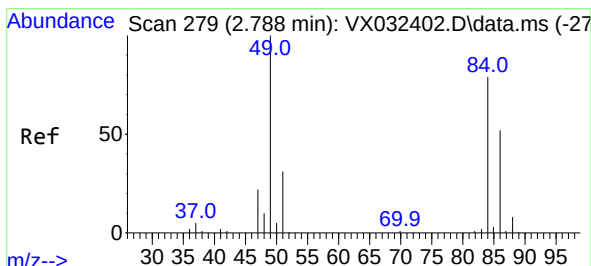
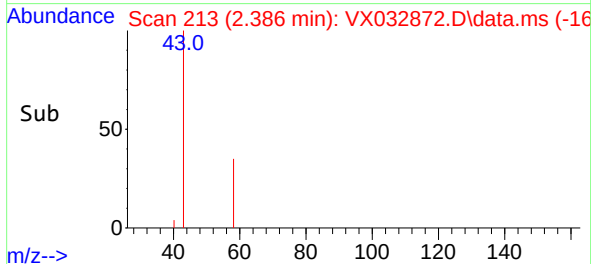
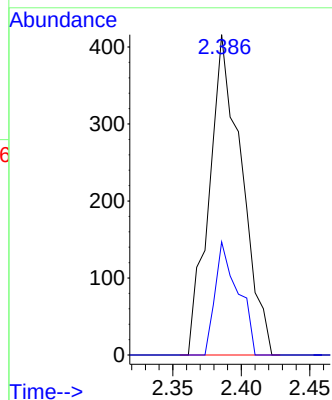
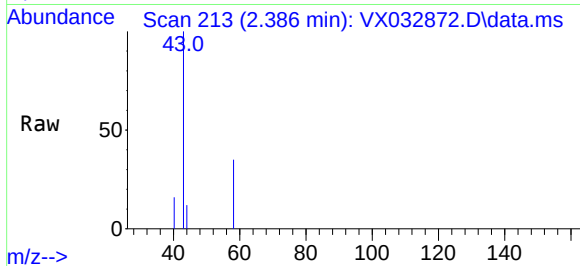




#16
Acetone
Concen: 1.386 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032872.D
Acq: 16 Nov 2022 16:47

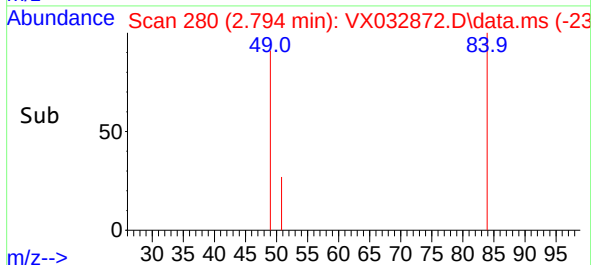
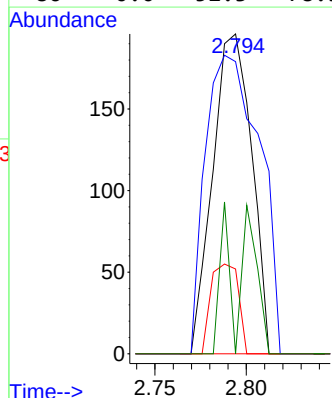
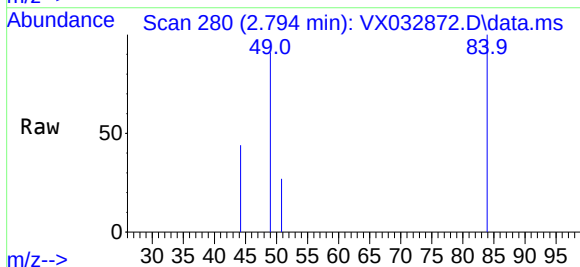
Instrument :
MSVOA_X
ClientSampleId :

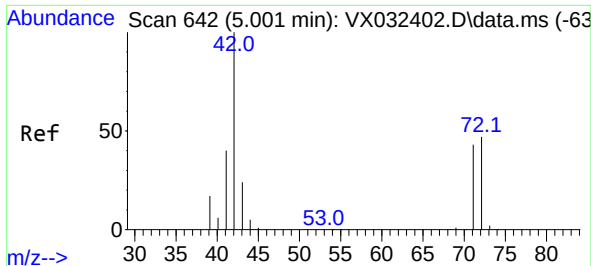
Tgt Ion: 43 Resp: 686
Ion Ratio Lower Upper
43 100
58 35.3 23.8 35.8



#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032872.D
Acq: 16 Nov 2022 16:47

Tgt Ion: 84 Resp: 290
Ion Ratio Lower Upper
84 100
49 91.3 101.0 151.6#
51 26.5 31.1 46.7#
86 0.0 52.3 78.5#





#29

Tetrahydrofuran

Concen: 3.615 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.030 min

Lab File: VX032872.D

Acq: 16 Nov 2022 16:47

Instrument :

MSVOA_X

ClientSampleId :

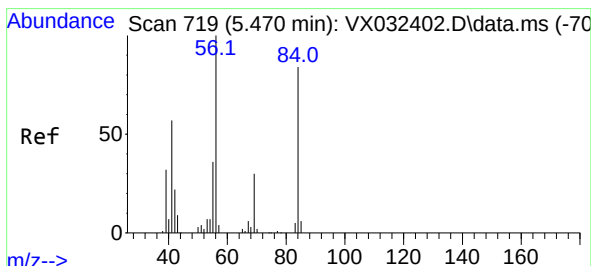
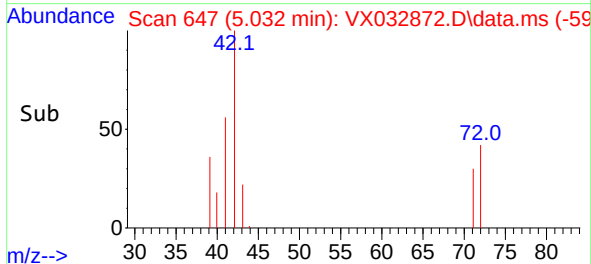
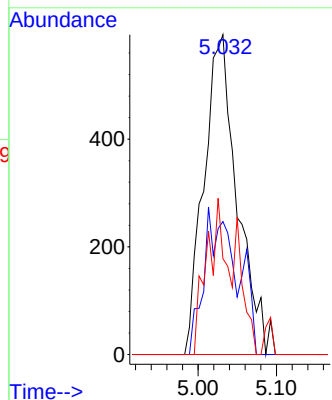
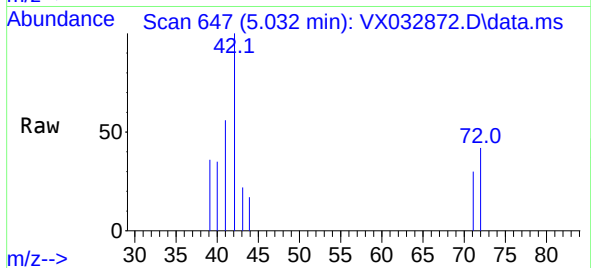
Tgt Ion: 42 Resp: 1768

Ion Ratio Lower Upper

42 100

72 35.9 37.6 56.4#

71 29.1 34.7 52.1#



#31

Cyclohexane

Concen: 1.387 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX032872.D

Acq: 16 Nov 2022 16:47

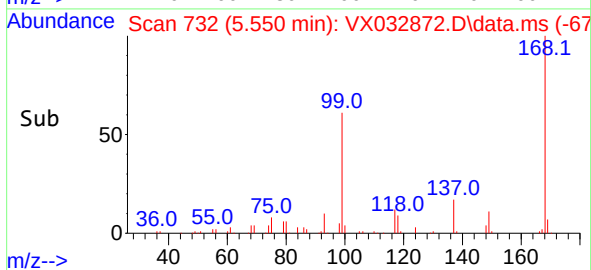
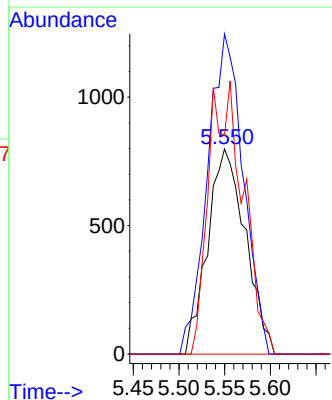
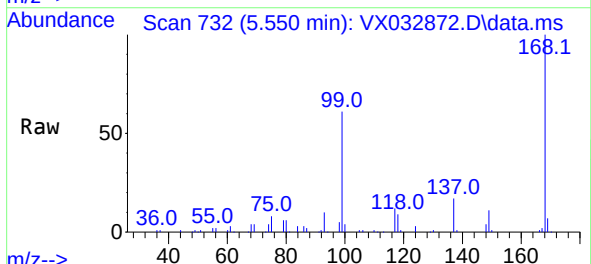
Tgt Ion: 56 Resp: 2291

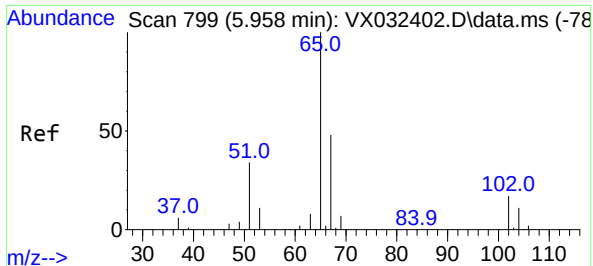
Ion Ratio Lower Upper

56 100

69 156.1 24.1 36.1#

84 106.6 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 52.224 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032872.D

Acq: 16 Nov 2022 16:47

Instrument :

MSVOA_X

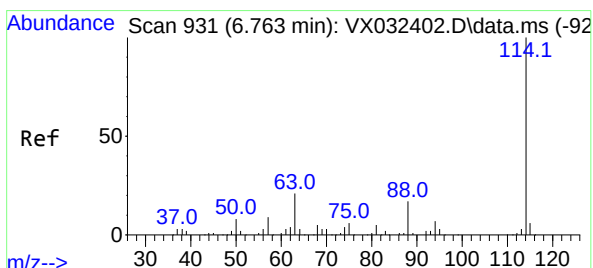
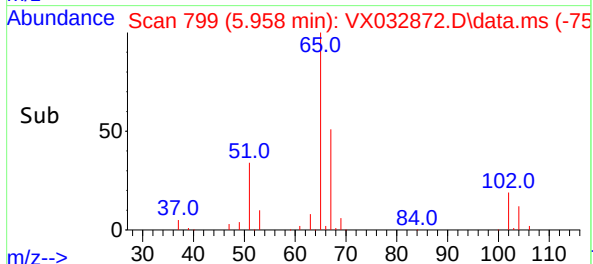
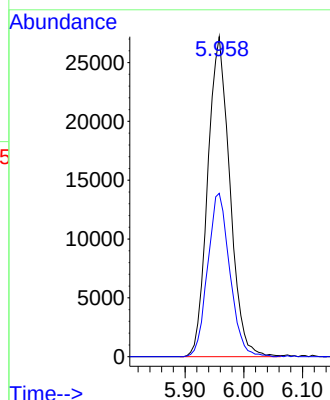
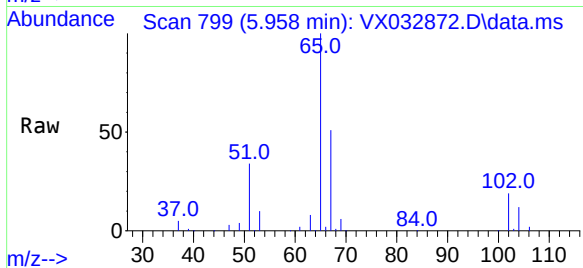
ClientSampleId :

Tgt Ion: 65 Resp: 71140

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032872.D

Acq: 16 Nov 2022 16:47

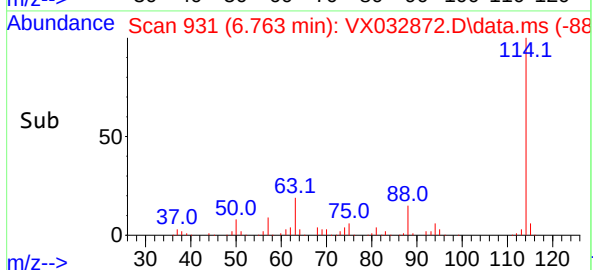
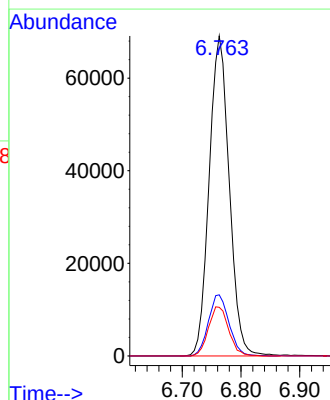
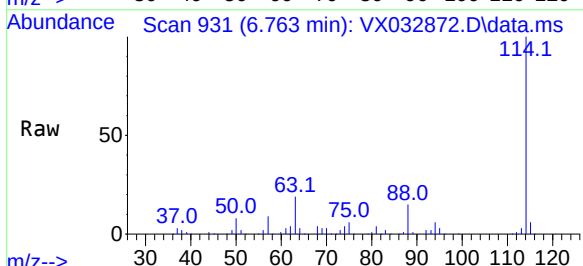
Tgt Ion: 114 Resp: 164071

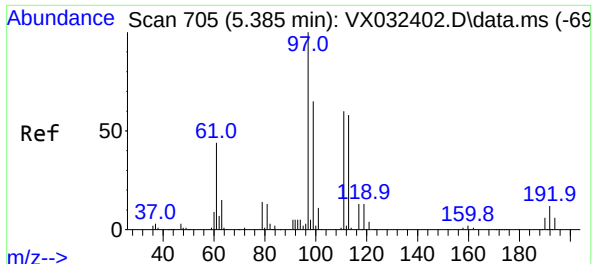
Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.6

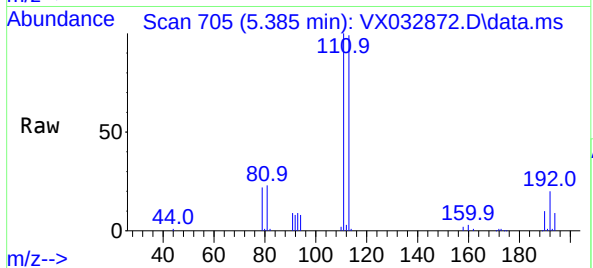
88 15.2 0.0 33.4



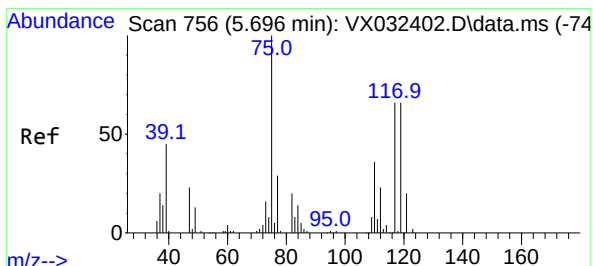
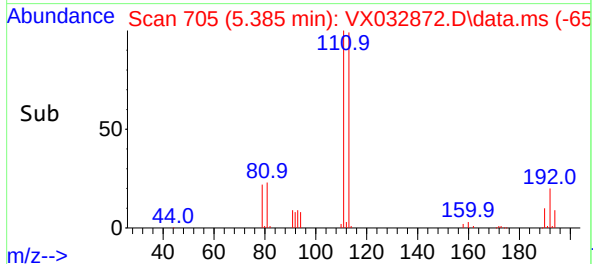
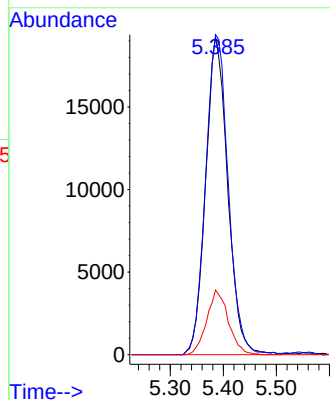


#35
Dibromofluoromethane
Concen: 47.449 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032872.D
Acq: 16 Nov 2022 16:47

Instrument :
MSVOA_X
ClientSampleId :

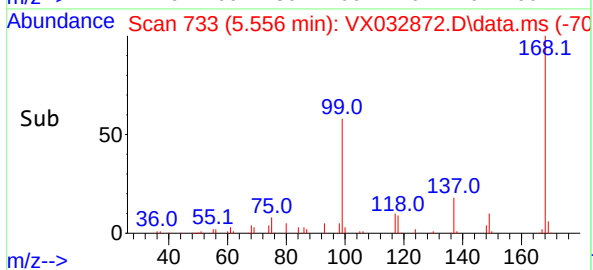
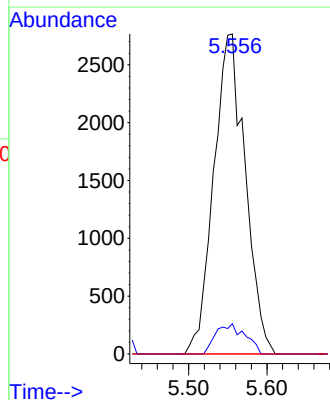
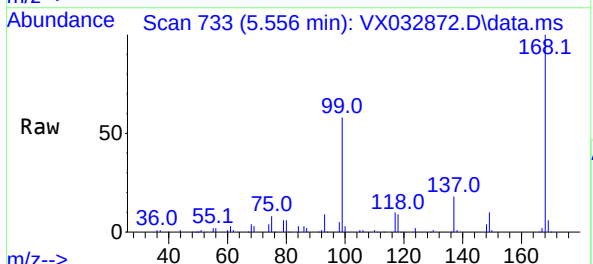


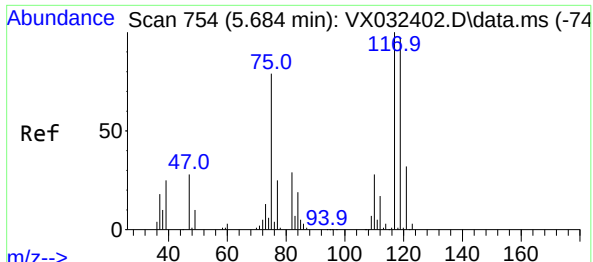
Tgt Ion:113 Resp: 55531
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 19.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.732 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032872.D
Acq: 16 Nov 2022 16:47

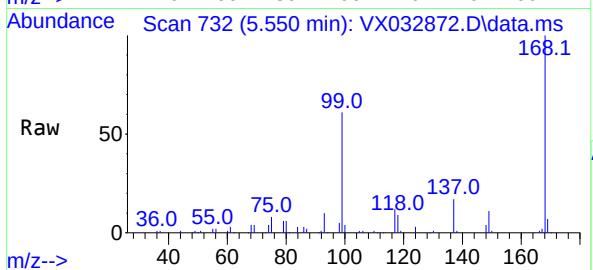
Tgt Ion: 75 Resp: 7712
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.0 24.5 36.7#



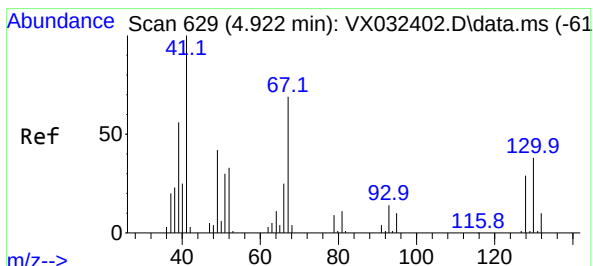
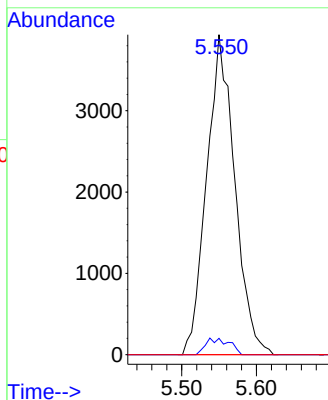
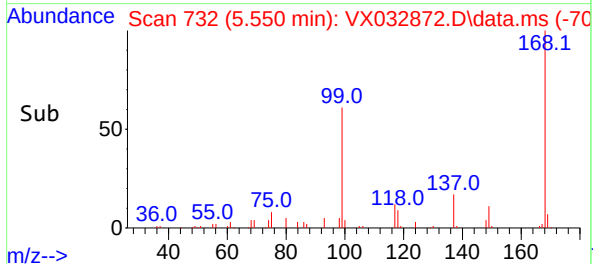


#38
Carbon Tetrachloride
Concen: 5.699 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032872.D
Acq: 16 Nov 2022 16:47

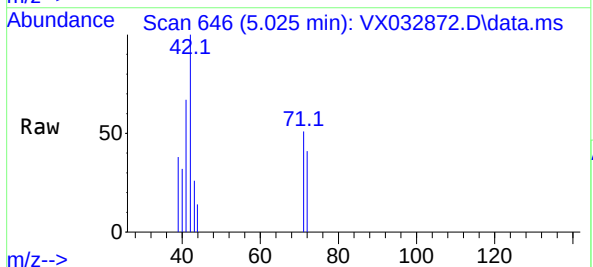
Instrument :
MSVOA_X
ClientSampleId :



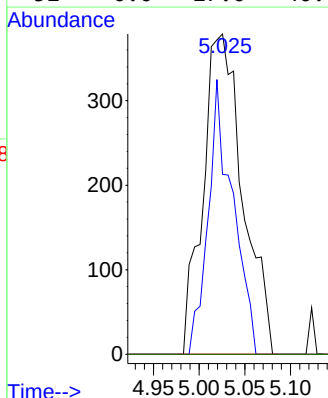
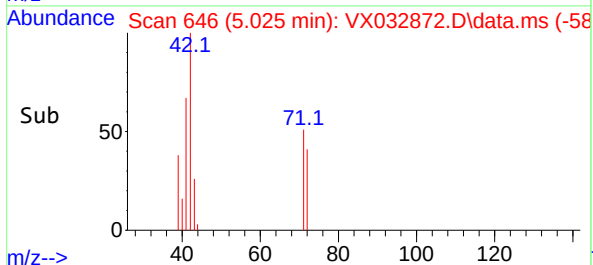
Tgt Ion:117 Resp: 10301
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 25.8 38.6#

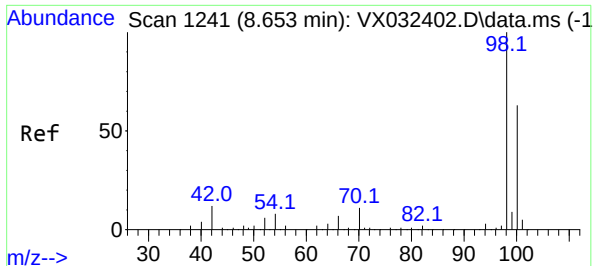


#41
Methacrylonitrile
Concen: 1.331 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.104 min
Lab File: VX032872.D
Acq: 16 Nov 2022 16:47



Tgt Ion: 41 Resp: 1150
Ion Ratio Lower Upper
41 100
39 52.9 47.5 71.3
67 0.0 60.5 90.7#
52 0.0 27.0 40.6#





#50

Toluene-d8

Concen: 50.151 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032872.D

Acq: 16 Nov 2022 16:47

Instrument :

MSVOA_X

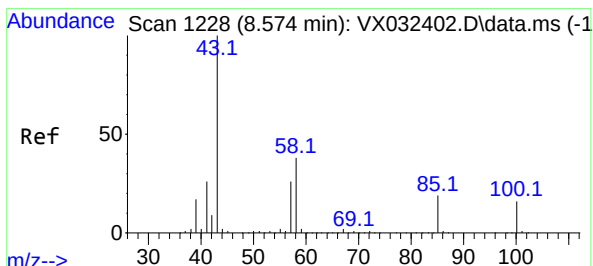
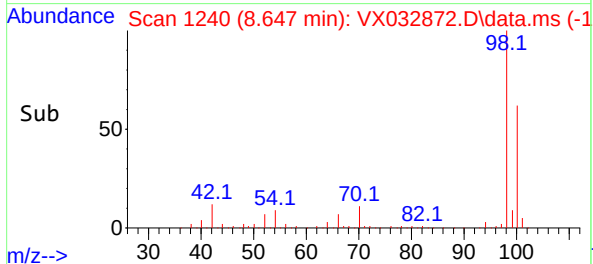
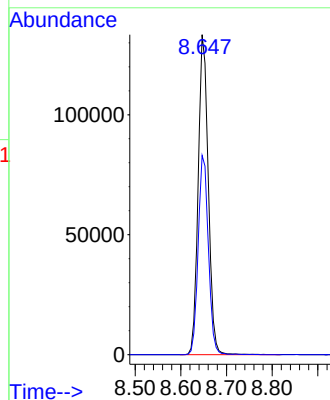
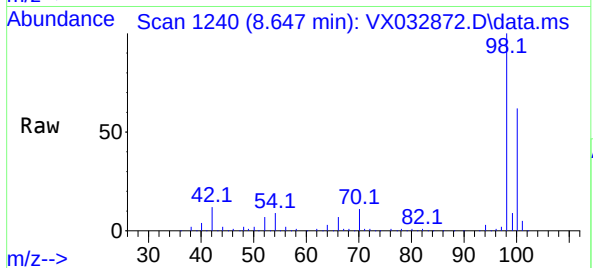
ClientSampleId :

Tgt Ion: 98 Resp: 204092

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.579 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032872.D

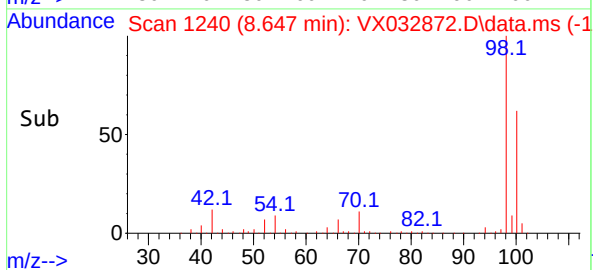
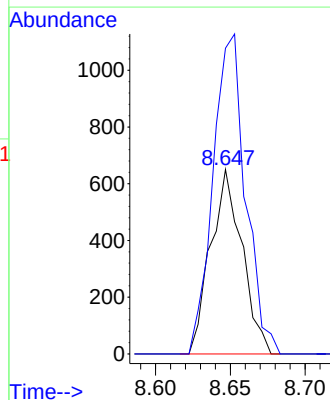
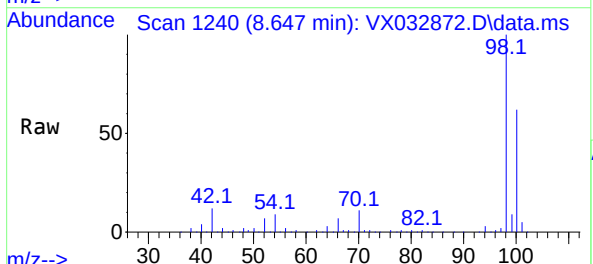
Acq: 16 Nov 2022 16:47

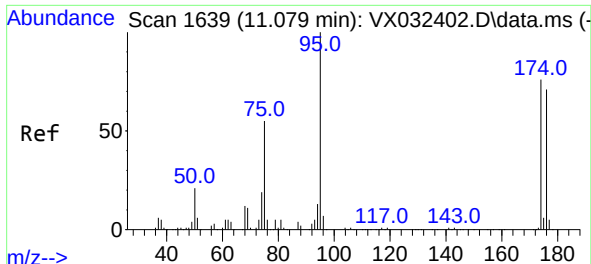
Tgt Ion: 43 Resp: 950

Ion Ratio Lower Upper

43 100

58 179.7 30.9 46.3#

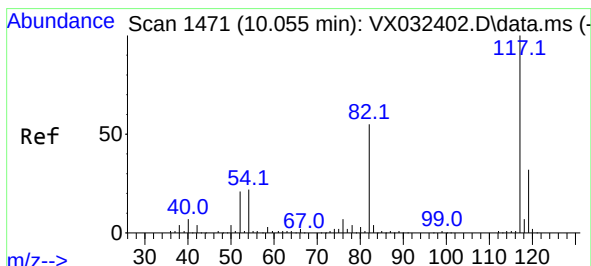
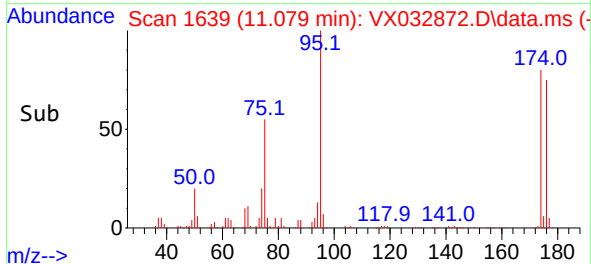
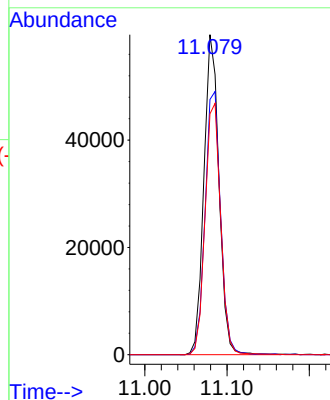
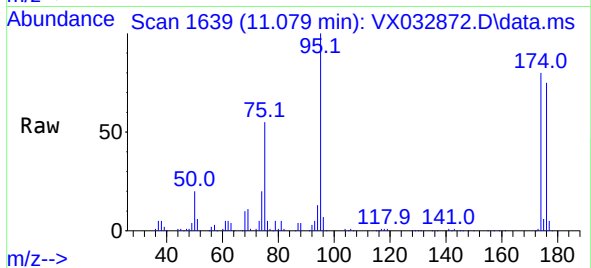




#62
4-Bromofluorobenzene
Concen: 47.827 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032872.D
Acq: 16 Nov 2022 16:47

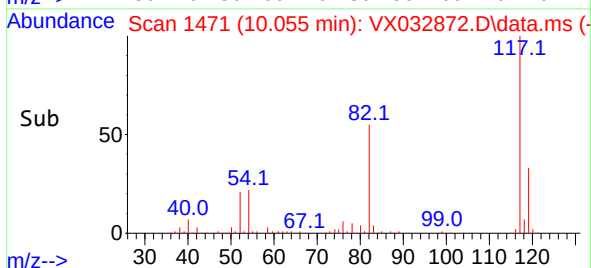
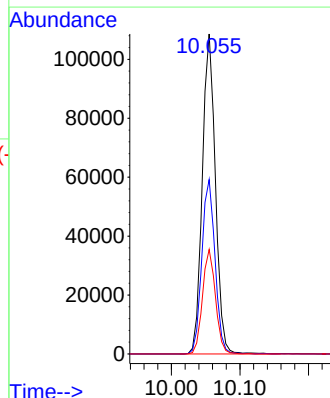
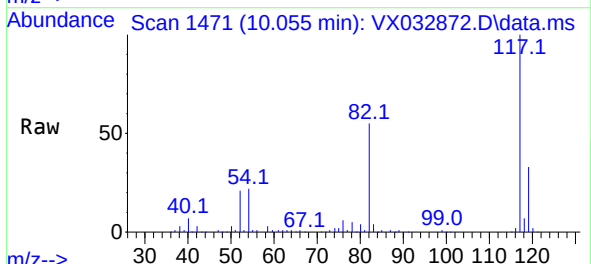
Instrument :
MSVOA_X
ClientSampleId :

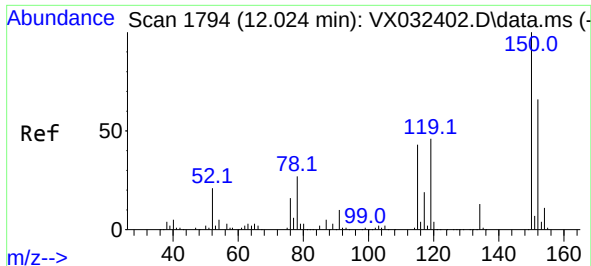
Tgt Ion: 95 Resp: 76028
Ion Ratio Lower Upper
95 100
174 84.4 0.0 164.0
176 81.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032872.D
Acq: 16 Nov 2022 16:47

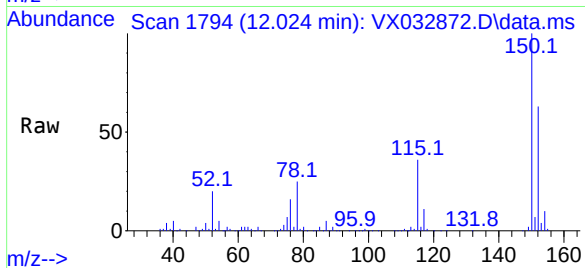
Tgt Ion: 117 Resp: 144939
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 32.6 25.7 38.5



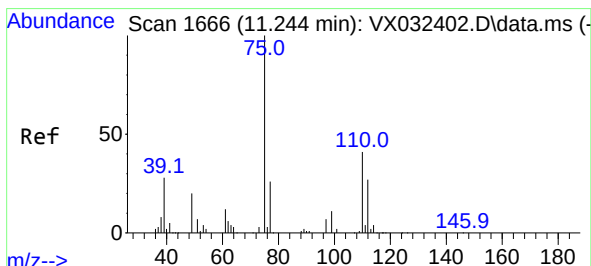
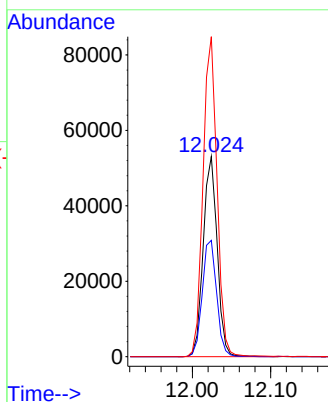
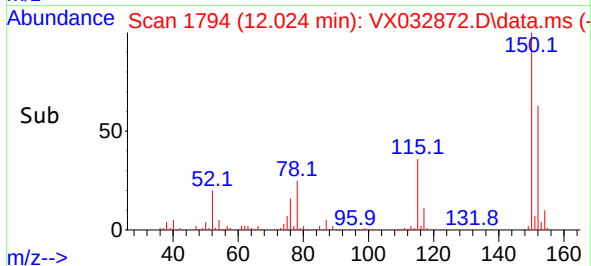


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032872.D
Acq: 16 Nov 2022 16:47

Instrument :
MSVOA_X
ClientSampleId :

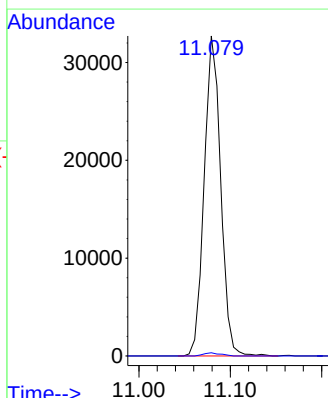
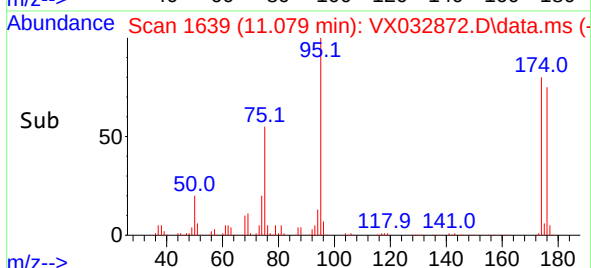
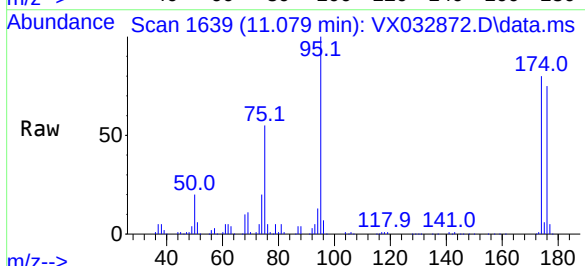


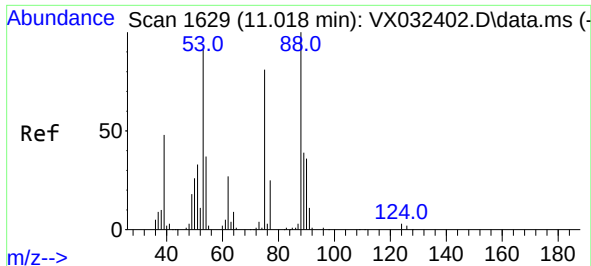
Tgt Ion:152 Resp: 65605
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 160.3 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 28.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032872.D
Acq: 16 Nov 2022 16:47

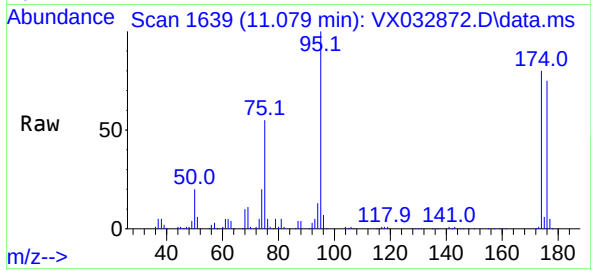
Tgt Ion: 75 Resp: 40899
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.166 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032872.D
 Acq: 16 Nov 2022 16:47

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 40899
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

