

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026899.D
 Acq On : 10 Feb 2022 04:06
 Operator : JC/MD
 Sample : N1447-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 07:29:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

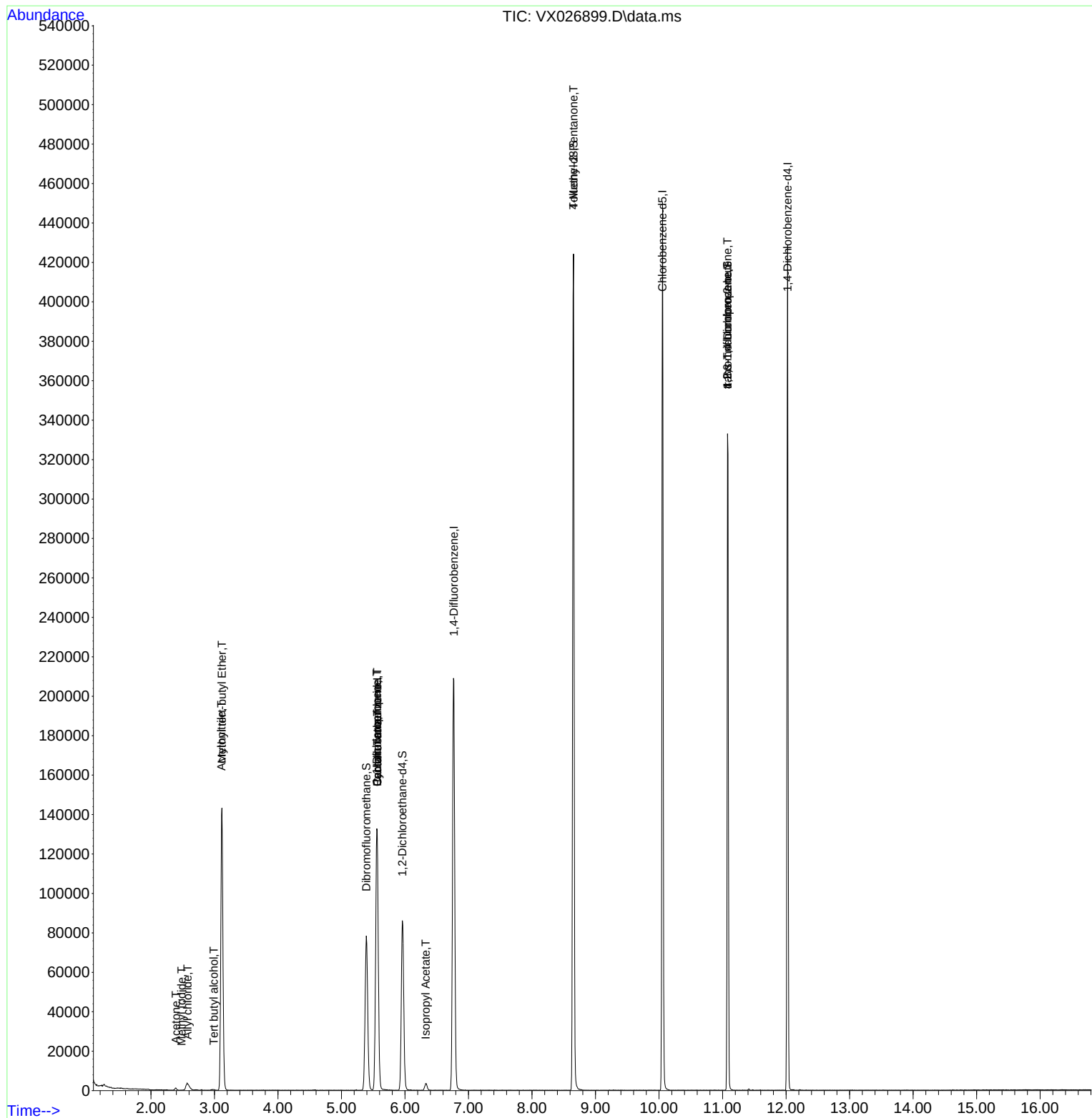
Internal Standards						
1) Pentafluorobenzene	5.562	168	127399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	220990	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84825	55.467	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.940%	
35) Dibromofluoromethane	5.391	113	68293	51.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.740%	
50) Toluene-d8	8.653	98	256412	53.055	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.120%	
62) 4-Bromofluorobenzene	11.079	95	93113	54.724	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.440%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.483	142	18	2.263	ug/l #	37
11) Tert butyl alcohol	2.989	59	667	2.414	ug/l #	75
14) Allyl chloride	2.575	41	594	0.257	ug/l #	58
15) Acrylonitrile	3.111	53	1783	2.252	ug/l #	26
16) Acetone	2.392	43	1435	2.136	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	157346	34.095	ug/l	99
31) Cyclohexane	5.562	56	2471	1.017	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9985	4.807	ug/l #	51
38) Carbon Tetrachloride	5.562	117	13257	6.087	ug/l #	16
43) Isopropyl Acetate	6.324	43	1312	0.361	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1167	0.530	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46768	24.957	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	46768	76.130	ug/l #	3

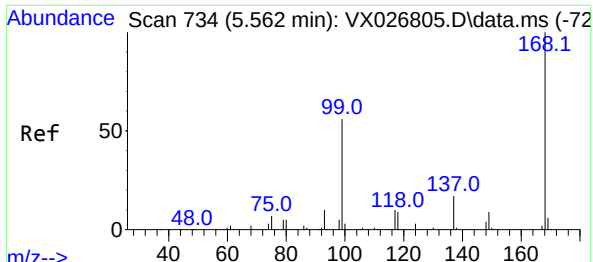
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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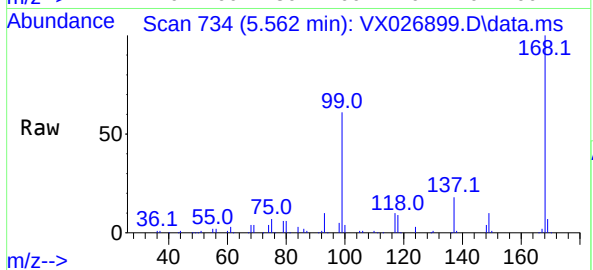
Quant Time: Feb 10 07:29:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
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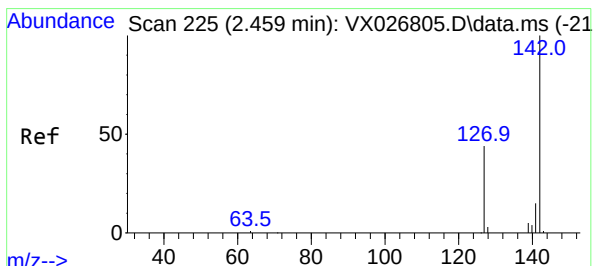
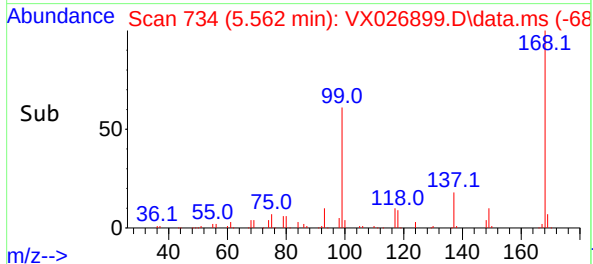
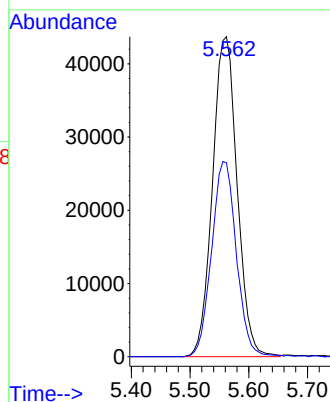


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026899.D
Acq: 10 Feb 2022 04:06

Instrument :
MSVOA_X
ClientSampleId :

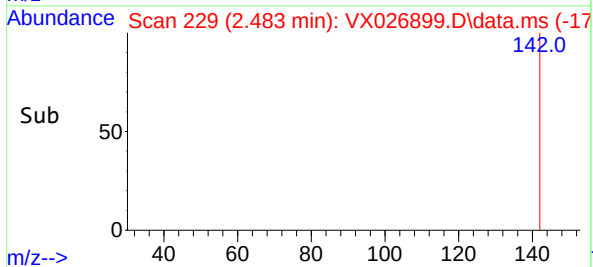
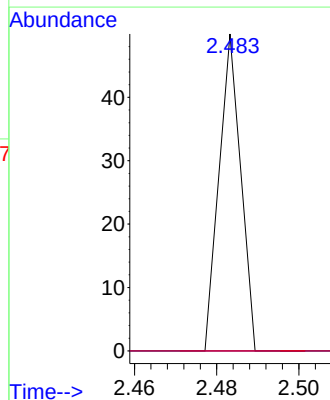
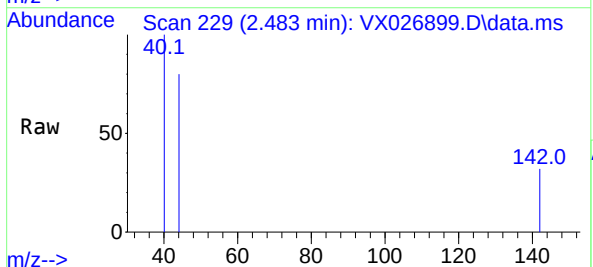


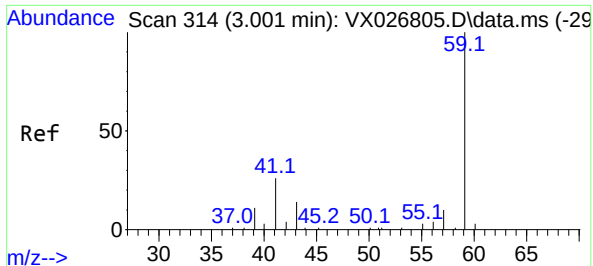
Tgt Ion:168 Resp: 127399
Ion Ratio Lower Upper
168 100
99 60.6 50.3 75.5



#10
Methyl Iodide
Concen: 2.263 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.024 min
Lab File: VX026899.D
Acq: 10 Feb 2022 04:06

Tgt Ion:142 Resp: 18
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 2.414 ug/l

RT: 2.989 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX026899.D

Acq: 10 Feb 2022 04:06

Instrument :

MSVOA_X

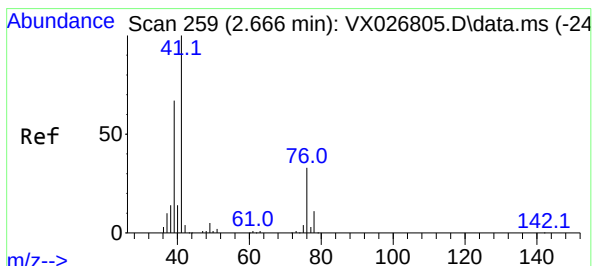
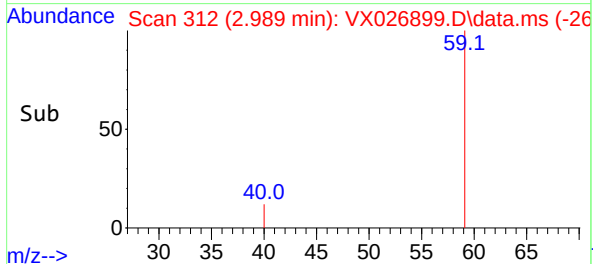
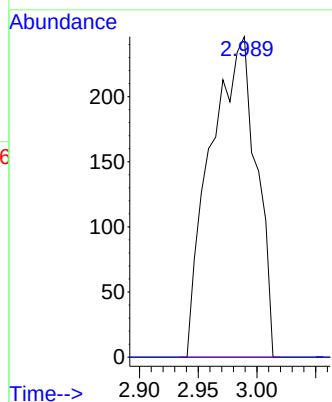
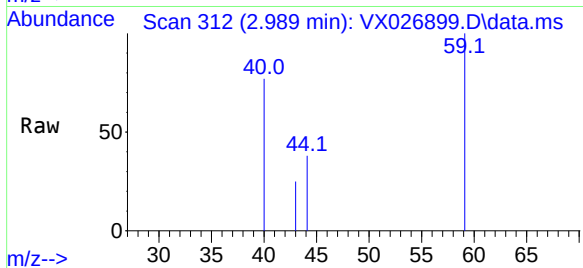
ClientSampleId :

Tgt Ion: 59 Resp: 667

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#14

Allyl chloride

Concen: 0.257 ug/l

RT: 2.575 min Scan# 244

Delta R.T. -0.091 min

Lab File: VX026899.D

Acq: 10 Feb 2022 04:06

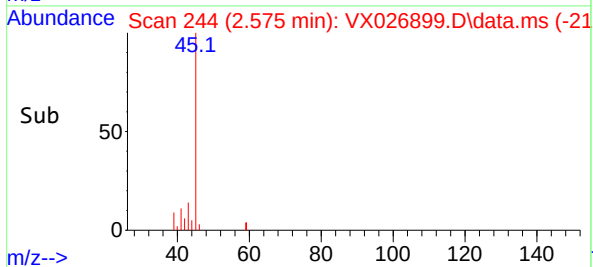
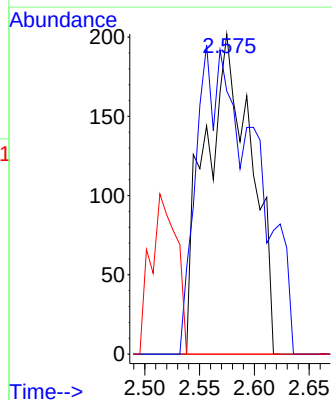
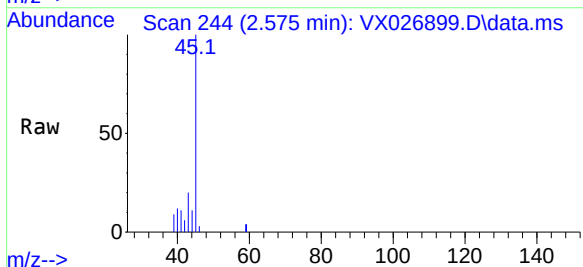
Tgt Ion: 41 Resp: 594

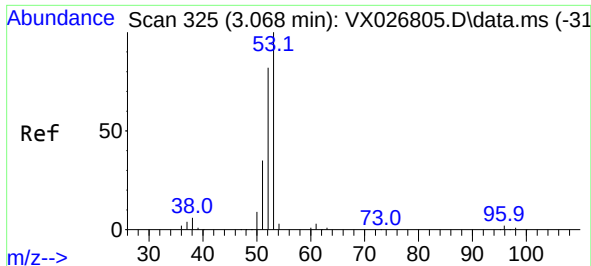
Ion Ratio Lower Upper

41 100

39 39.4 54.2 81.4#

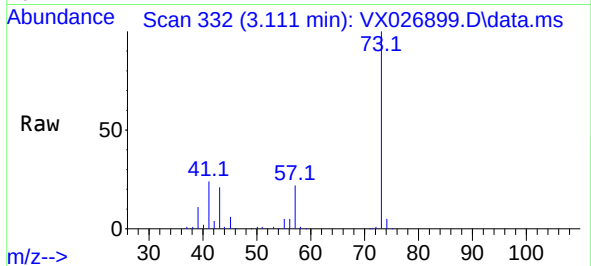
76 0.0 25.2 37.8#



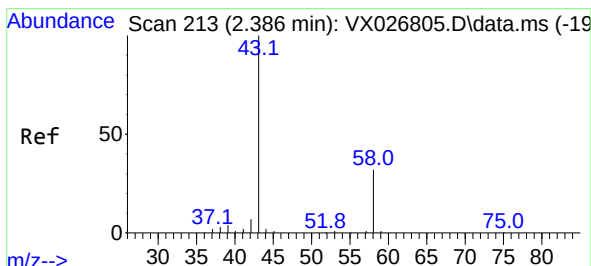
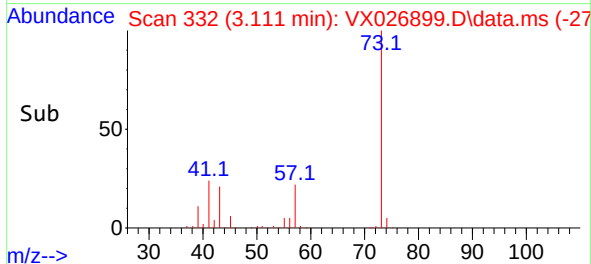
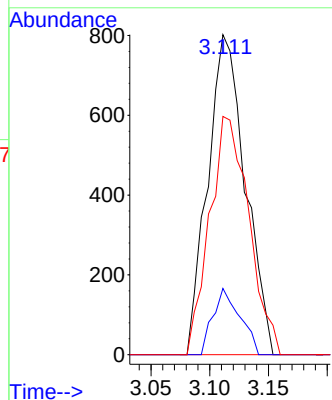


#15
Acrylonitrile
Concen: 2.252 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.043 min
Lab File: VX026899.D
Acq: 10 Feb 2022 04:06

Instrument :
MSVOA_X
ClientSampleId :

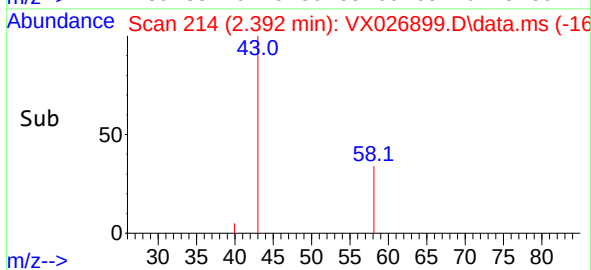
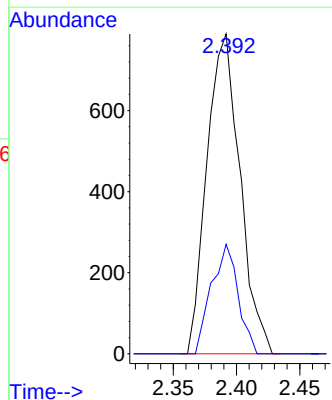
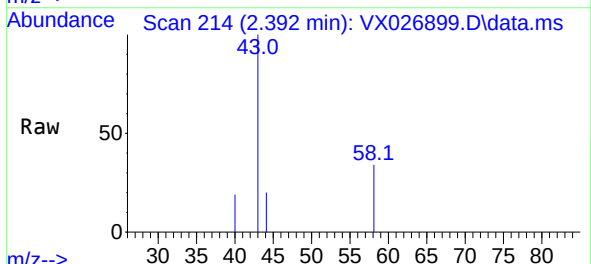


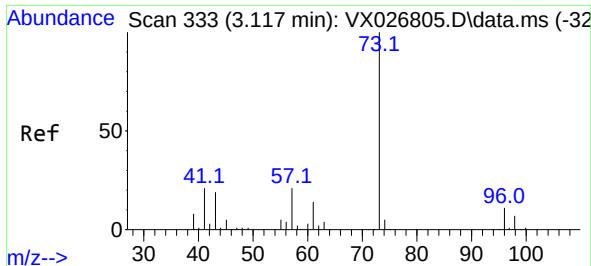
Tgt Ion: 53 Resp: 1783
Ion Ratio Lower Upper
53 100
52 14.9 66.6 100.0#
51 77.7 29.5 44.3#



#16
Acetone
Concen: 2.136 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX026899.D
Acq: 10 Feb 2022 04:06

Tgt Ion: 43 Resp: 1435
Ion Ratio Lower Upper
43 100
58 34.2 23.0 34.6

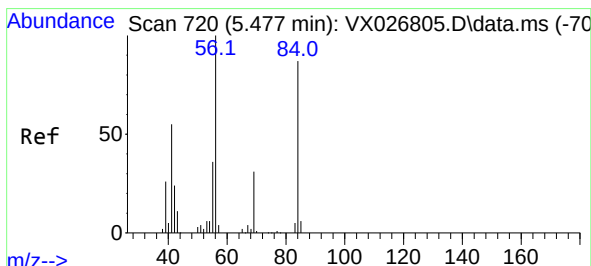
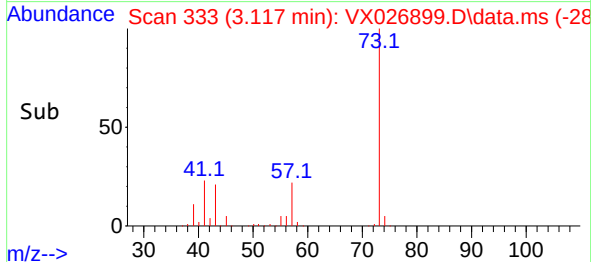
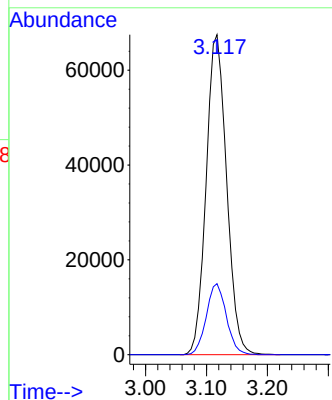
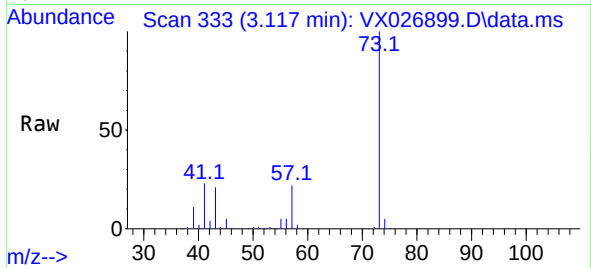




#19
Methyl tert-butyl Ether
Concen: 34.095 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026899.D
Acq: 10 Feb 2022 04:06

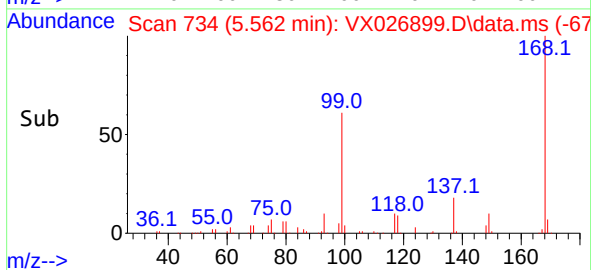
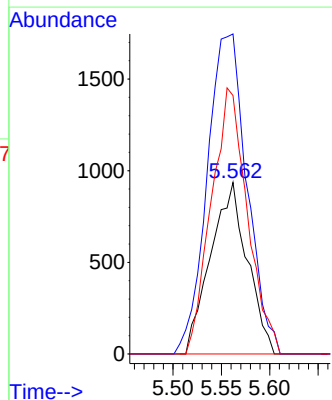
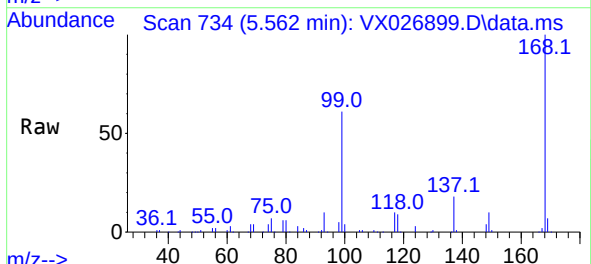
Instrument :
MSVOA_X
ClientSampleId :

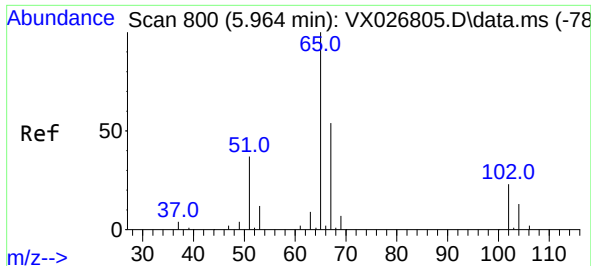
Tgt Ion: 73 Resp: 157346
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2



#31
Cyclohexane
Concen: 1.017 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX026899.D
Acq: 10 Feb 2022 04:06

Tgt Ion: 56 Resp: 2471
Ion Ratio Lower Upper
56 100
69 186.5 25.8 38.6#
84 150.6 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 55.467 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026899.D

Acq: 10 Feb 2022 04:06

Instrument :

MSVOA_X

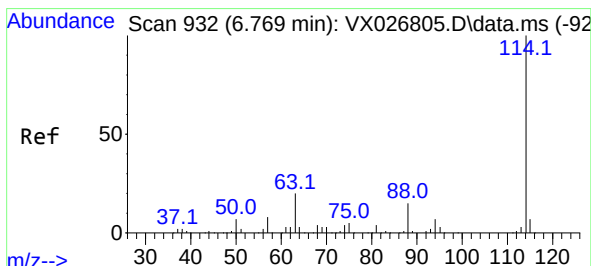
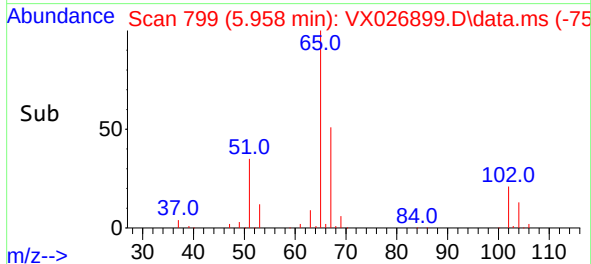
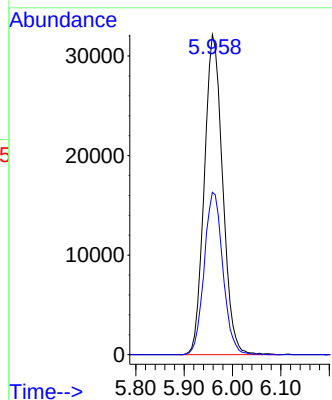
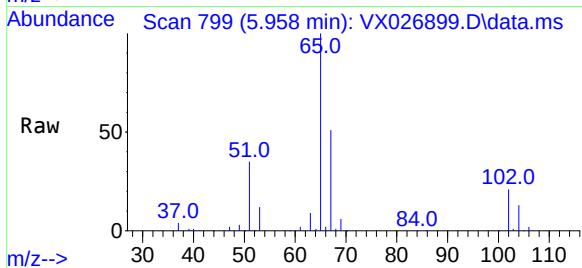
ClientSampleId :

Tgt Ion: 65 Resp: 84825

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX026899.D

Acq: 10 Feb 2022 04:06

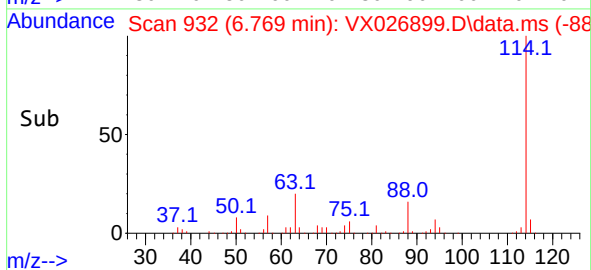
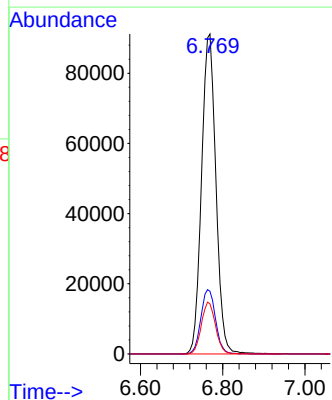
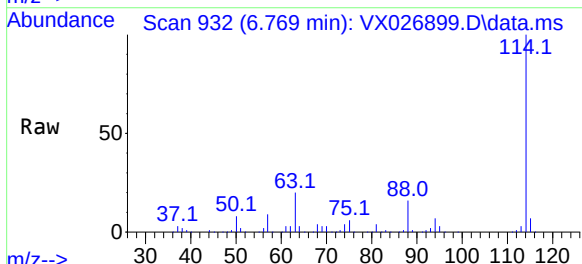
Tgt Ion: 114 Resp: 220990

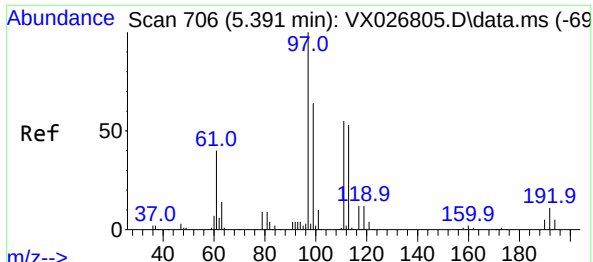
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.8

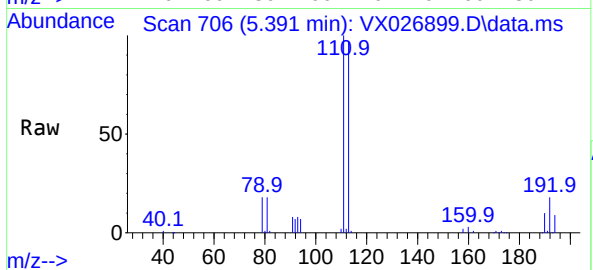
88 15.7 0.0 33.0



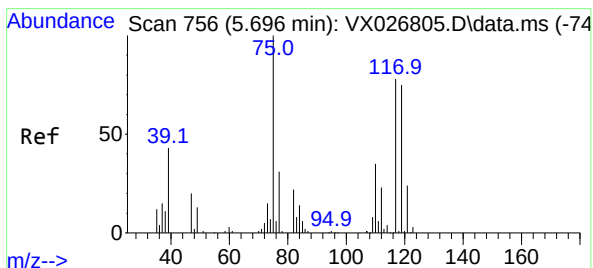
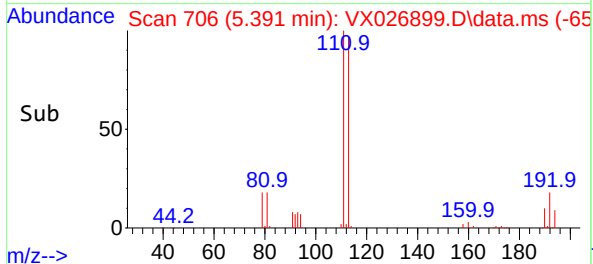
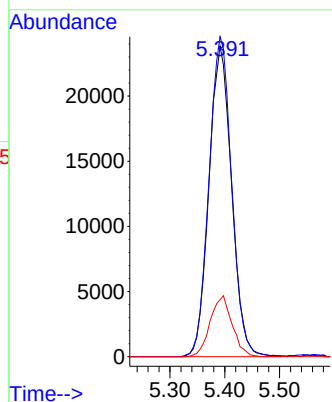


#35
Dibromofluoromethane
Concen: 51.870 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026899.D
Acq: 10 Feb 2022 04:06

Instrument :
MSVOA_X
ClientSampleId :

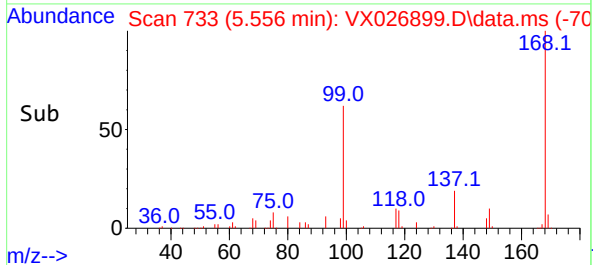
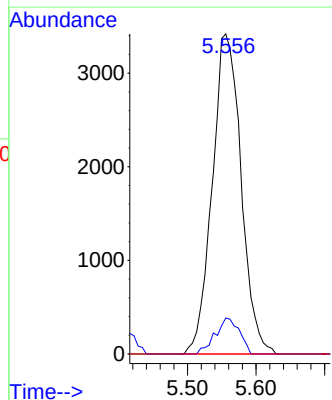
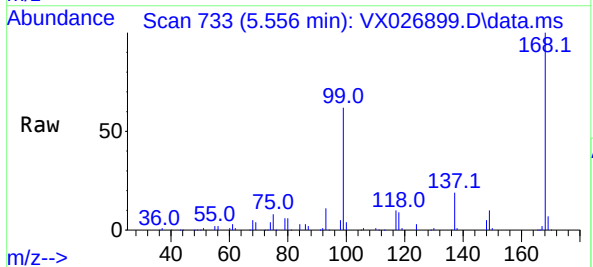


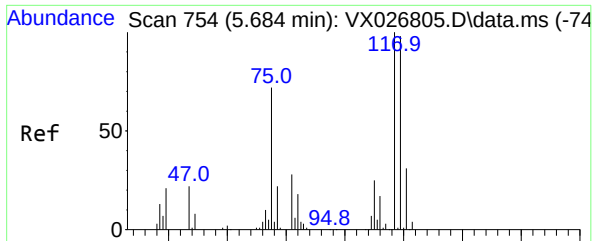
Tgt Ion:113 Resp: 68293
Ion Ratio Lower Upper
113 100
111 103.3 81.2 121.8
192 19.0 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.807 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026899.D
Acq: 10 Feb 2022 04:06

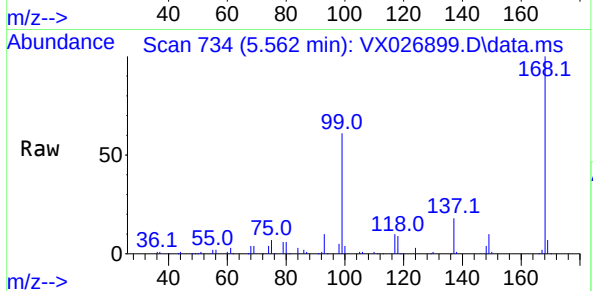
Tgt Ion: 75 Resp: 9985
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.6 36.8#



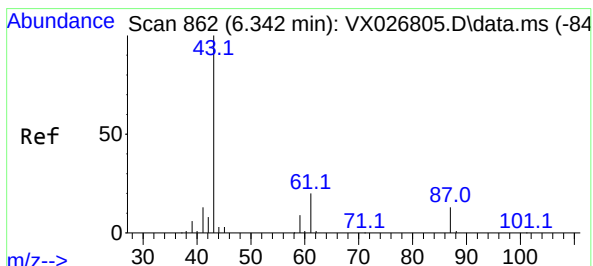
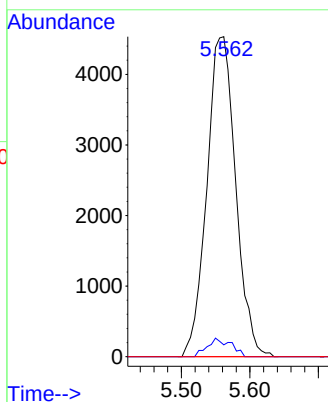
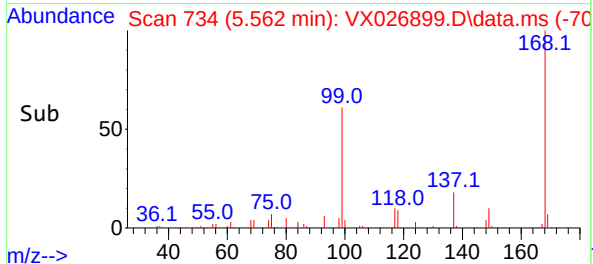


#38
Carbon Tetrachloride
Concen: 6.087 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX026899.D
Acq: 10 Feb 2022 04:06

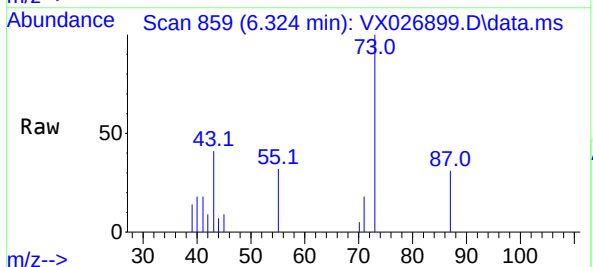
Instrument :
MSVOA_X
ClientSampleId :



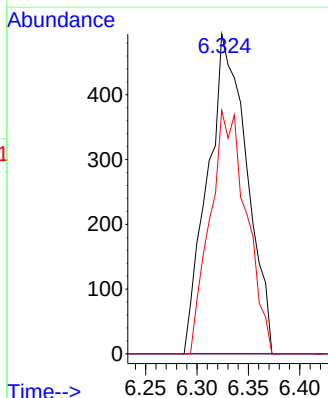
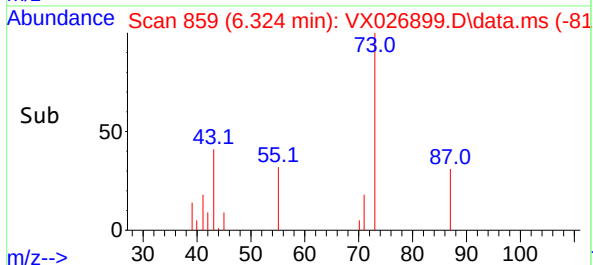
Tgt Ion:117 Resp: 13257
Ion Ratio Lower Upper
117 100
119 3.7 74.7 112.1#
121 0.0 25.4 38.0#

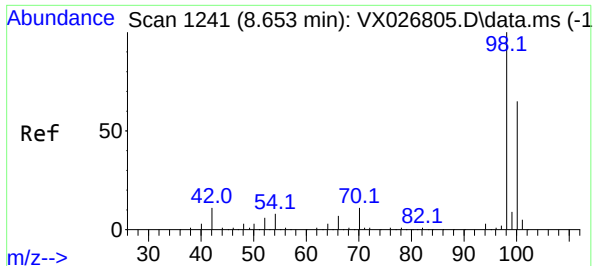


#43
Isopropyl Acetate
Concen: 0.361 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.018 min
Lab File: VX026899.D
Acq: 10 Feb 2022 04:06



Tgt Ion: 43 Resp: 1312
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 70.7 10.2 15.2#

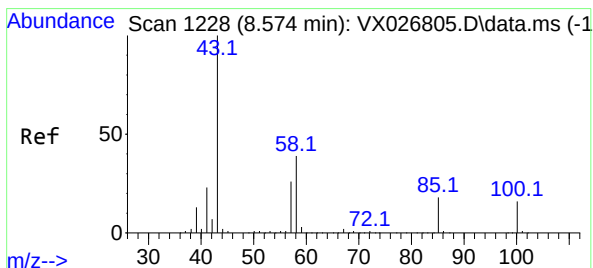
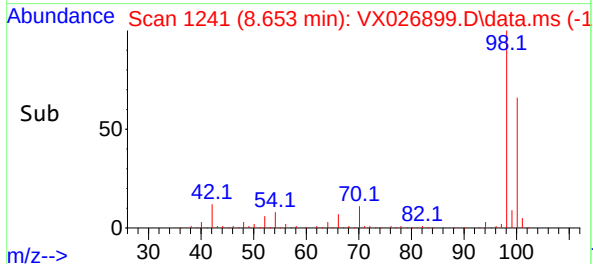
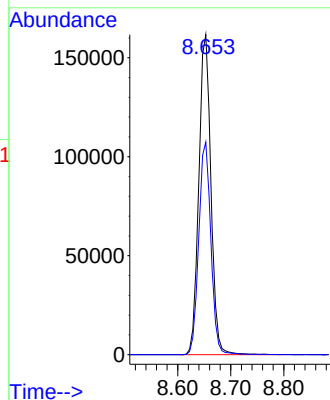
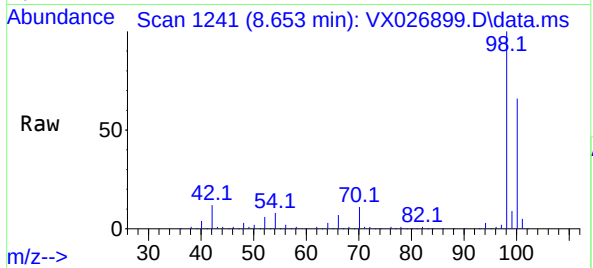




#50
Toluene-d8
Concen: 53.055 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026899.D
Acq: 10 Feb 2022 04:06

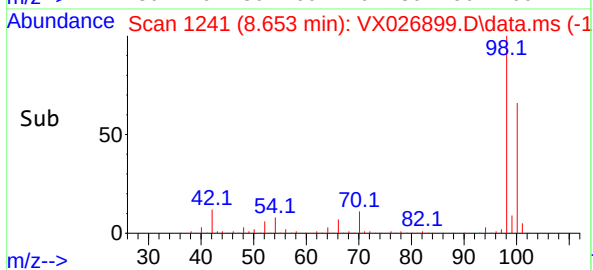
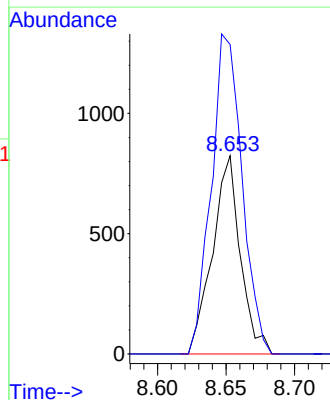
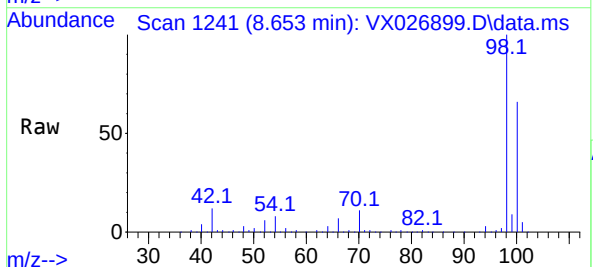
Instrument :
MSVOA_X
ClientSampleId :

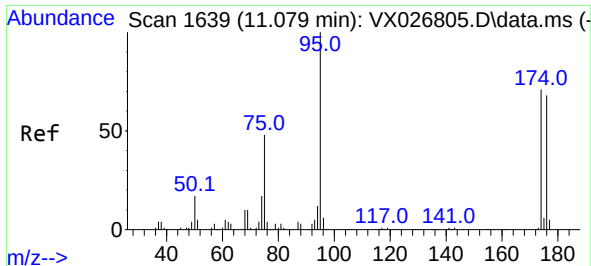
Tgt Ion: 98 Resp: 256412
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.530 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026899.D
Acq: 10 Feb 2022 04:06

Tgt Ion: 43 Resp: 1167
Ion Ratio Lower Upper
43 100
58 178.1 30.5 45.7#

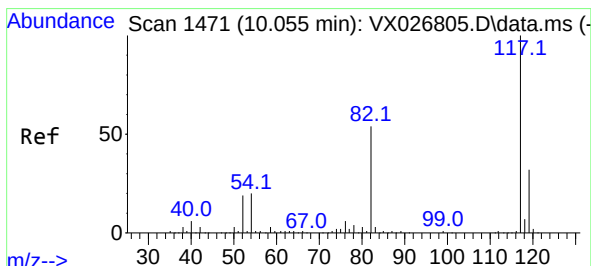
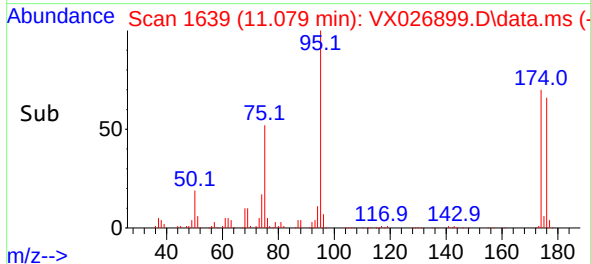
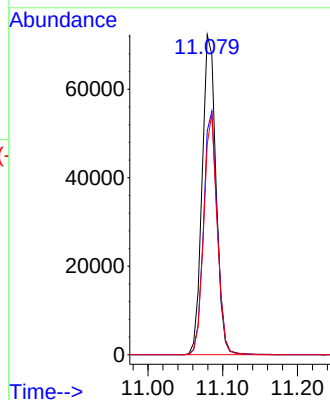
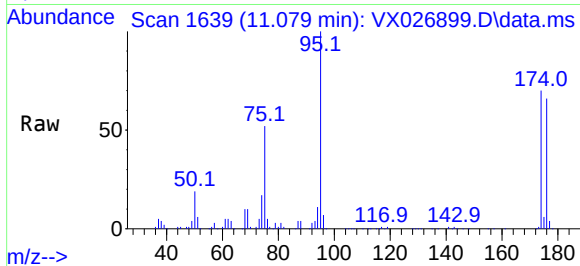




#62
4-Bromofluorobenzene
Concen: 54.724 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026899.D
Acq: 10 Feb 2022 04:06

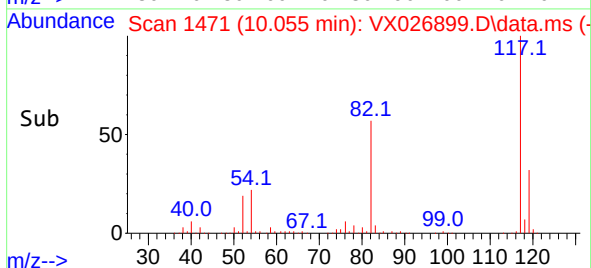
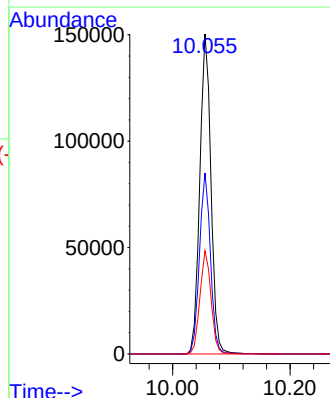
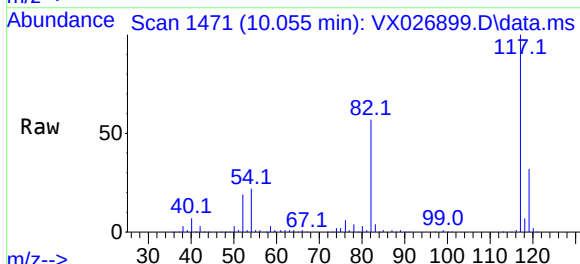
Instrument :
MSVOA_X
ClientSampleId :

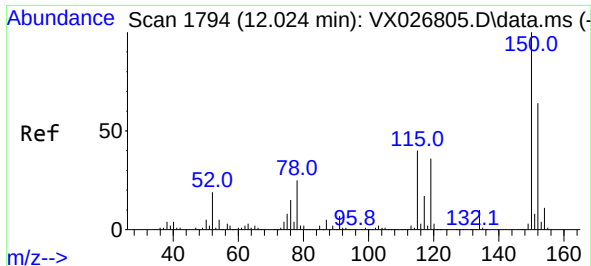
Tgt Ion: 95 Resp: 93113
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.6
176 72.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026899.D
Acq: 10 Feb 2022 04:06

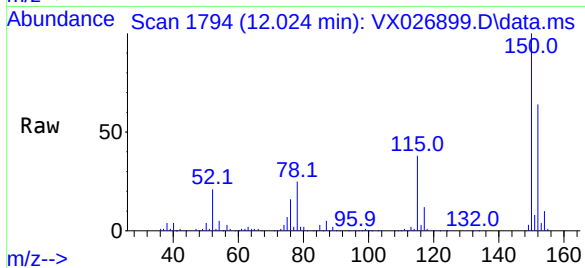
Tgt Ion: 117 Resp: 198472
Ion Ratio Lower Upper
117 100
82 56.6 45.2 67.8
119 32.3 26.2 39.2



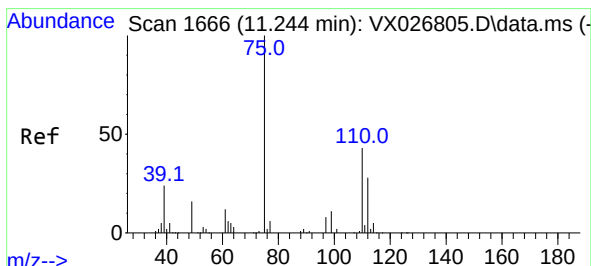
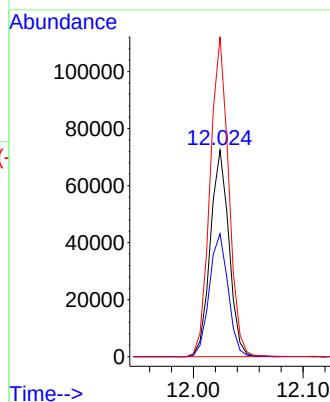
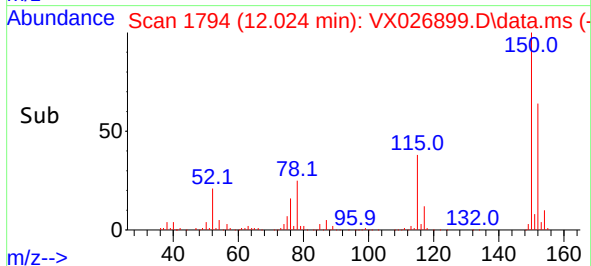


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026899.D
Acq: 10 Feb 2022 04:06

Instrument :
MSVOA_X
ClientSampleId :

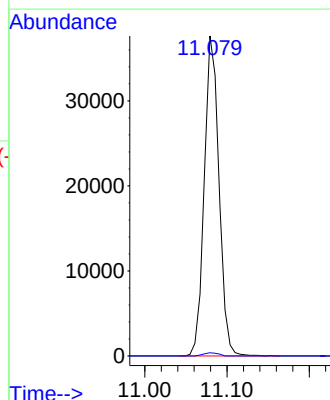
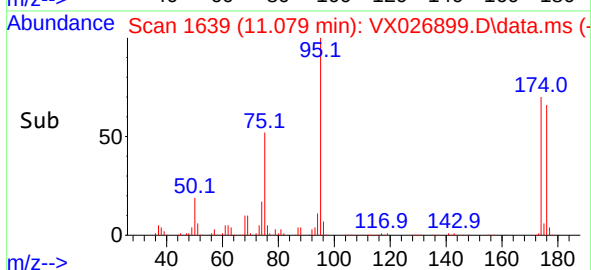
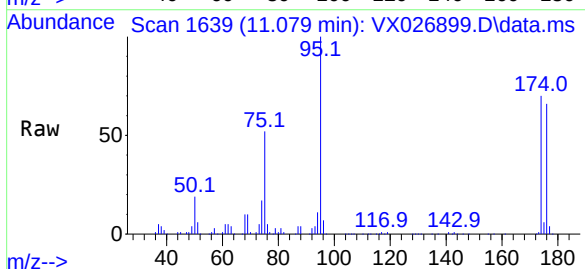


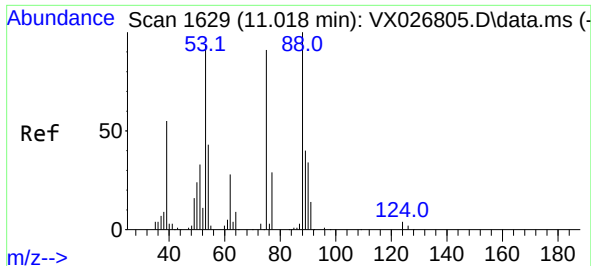
Tgt Ion:152 Resp: 85606
Ion Ratio Lower Upper
152 100
115 60.1 44.2 132.6
150 154.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 24.957 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026899.D
Acq: 10 Feb 2022 04:06

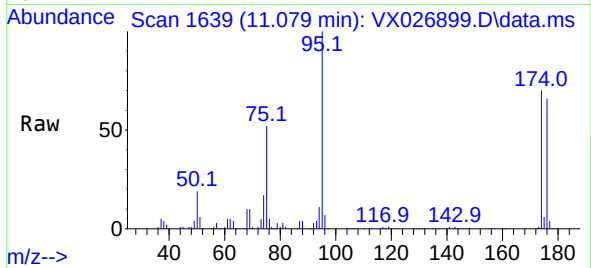
Tgt Ion: 75 Resp: 46768
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.130 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026899.D
Acq: 10 Feb 2022 04:06

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 46768
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

