

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026813.D
 Acq On : 08 Feb 2022 11:37
 Operator : JC/MD
 Sample : VX0208WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 09 02:59:59 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)

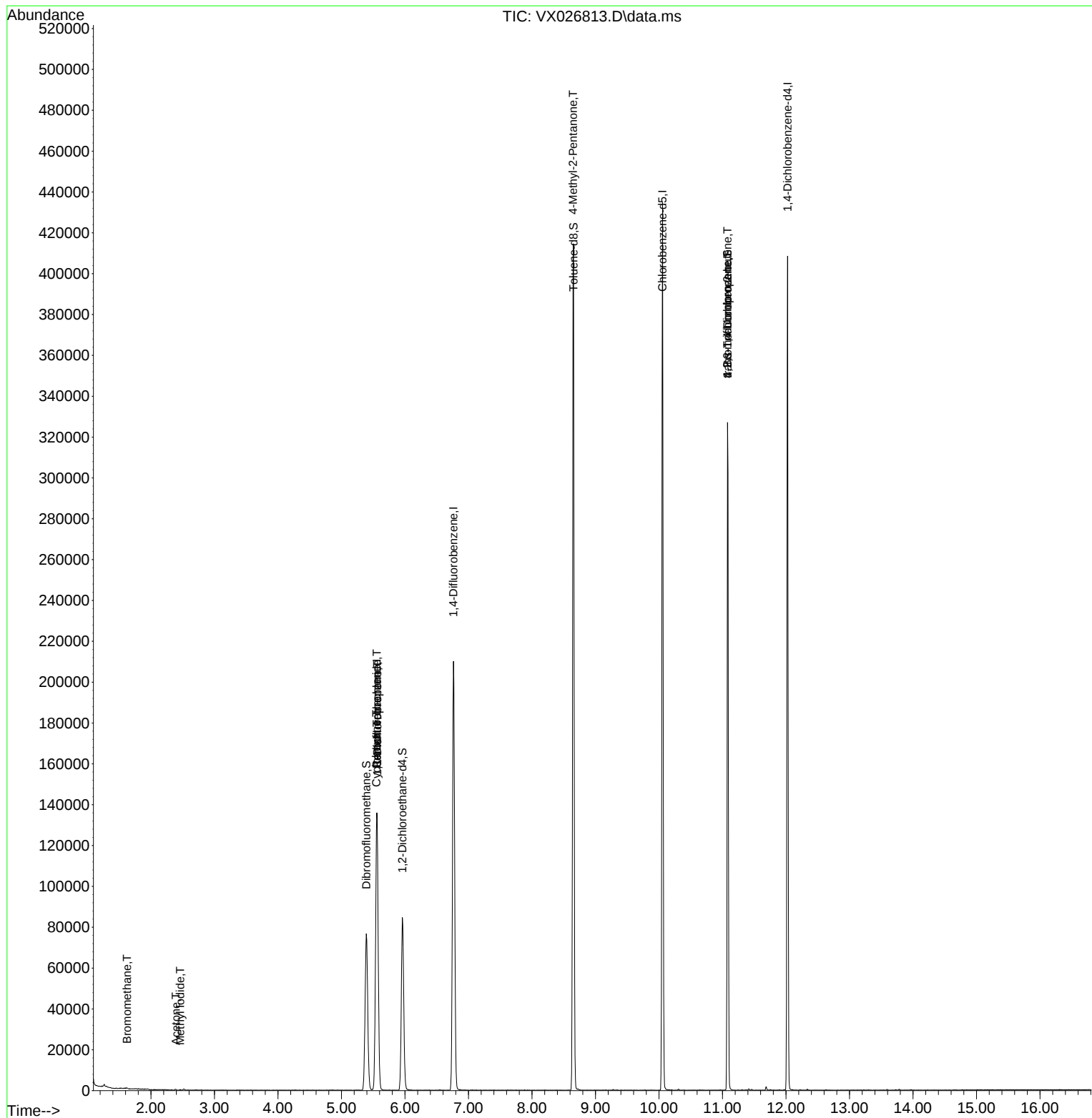
Internal Standards						
1) Pentafluorobenzene	5.556	168	131629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216741	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81893	51.829	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.660%	
35) Dibromofluoromethane	5.391	113	67235	52.068	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.140%	
50) Toluene-d8	8.653	98	249632	52.665	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.340%	
62) 4-Bromofluorobenzene	11.079	95	89954	53.904	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.800%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	209	0.353	ug/l #	73
6) Chloroethane	1.916	64	19	Below Cal	#	43
10) Methyl Iodide	2.459	142	195	2.354	ug/l #	37
16) Acetone	2.392	43	477	0.687	ug/l #	89
31) Cyclohexane	5.550	56	2497	0.995	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9608	4.716	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13072	6.119	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1082	0.501	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43673	24.209	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	43673	73.951	ug/l #	3

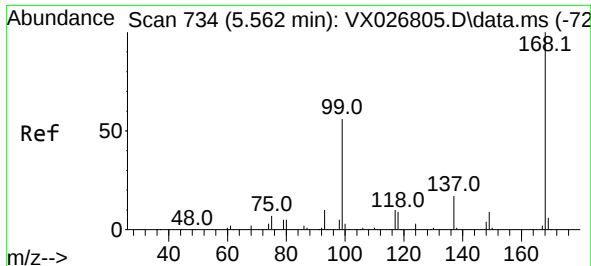
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
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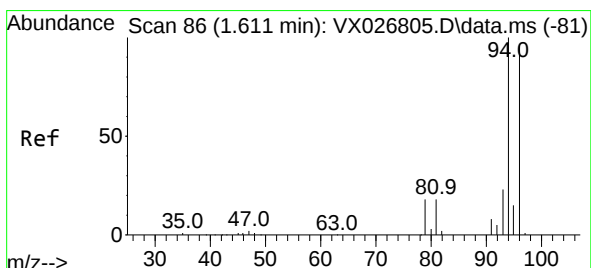
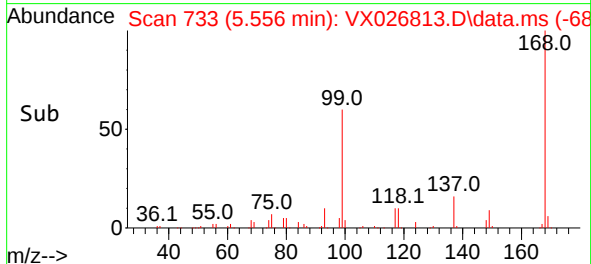
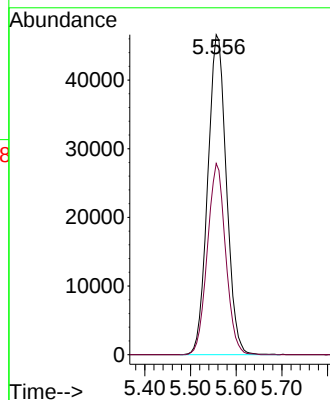
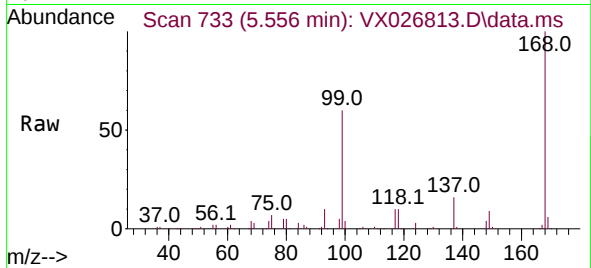




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026813.D
Acq: 08 Feb 2022 11:37

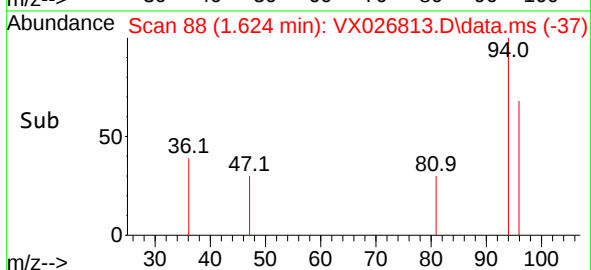
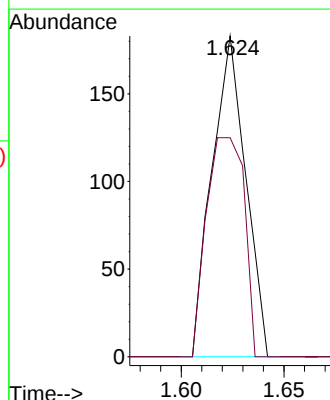
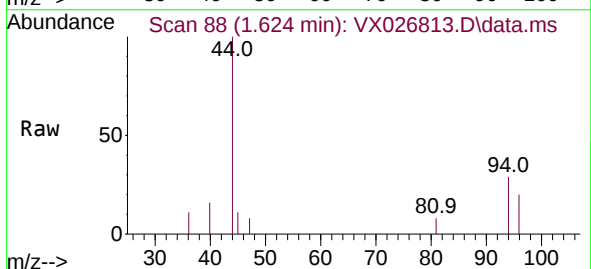
Instrument :
MSVOA_X
ClientSampleId :

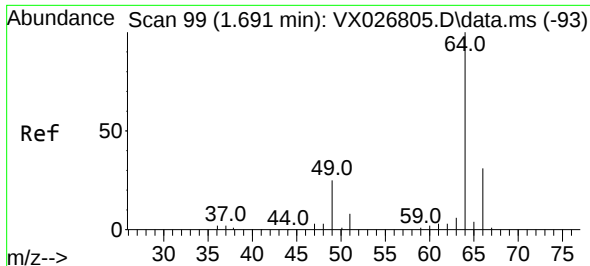
Tgt Ion:168 Resp: 131629
Ion Ratio Lower Upper
168 100
99 59.7 50.3 75.5



#5
Bromomethane
Concen: 0.353 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX026813.D
Acq: 08 Feb 2022 11:37

Tgt Ion: 94 Resp: 209
Ion Ratio Lower Upper
94 100
96 68.3 75.9 113.9#

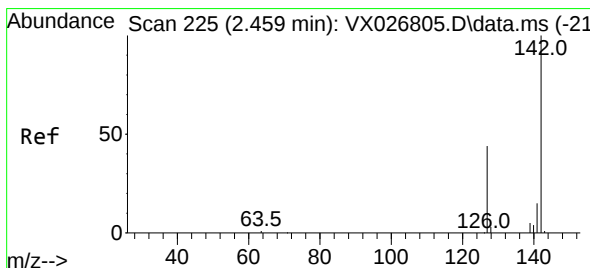
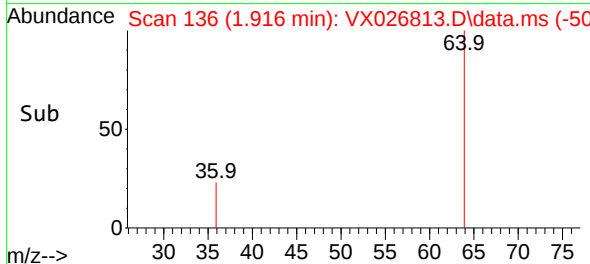
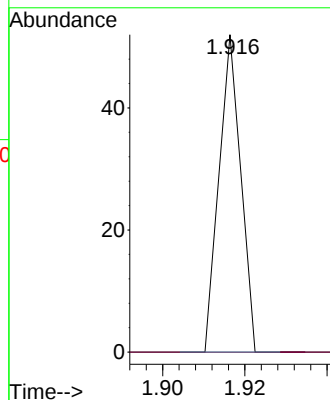
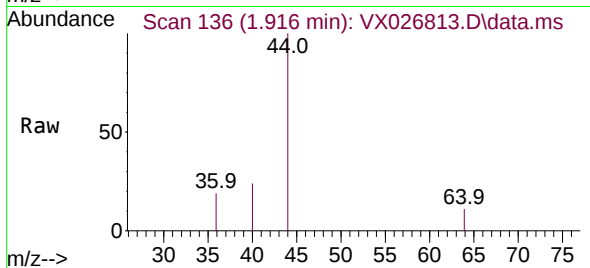




#6
Chloroethane
Concen: Below Cal
RT: 1.916 min Scan# 11
Delta R.T. 0.225 min
Lab File: VX026813.D
Acq: 08 Feb 2022 11:37

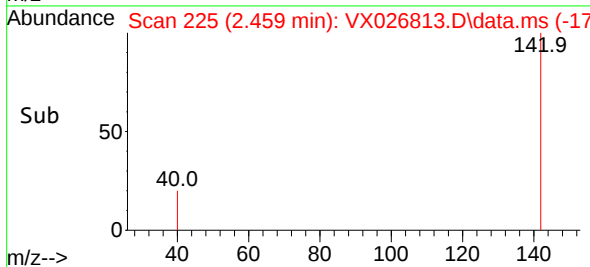
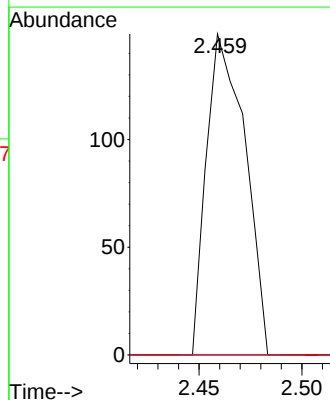
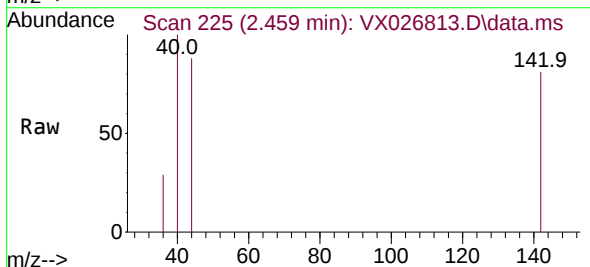
Instrument :
MSVOA_X
ClientSampleId :

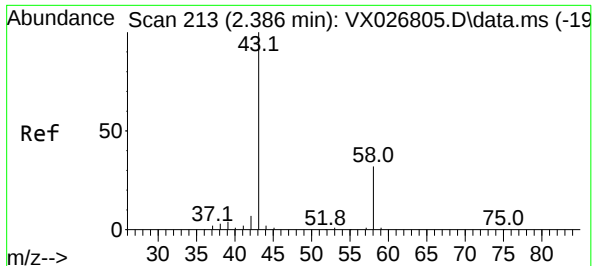
Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#10
Methyl Iodide
Concen: 2.354 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026813.D
Acq: 08 Feb 2022 11:37

Tgt Ion:142 Resp: 195
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

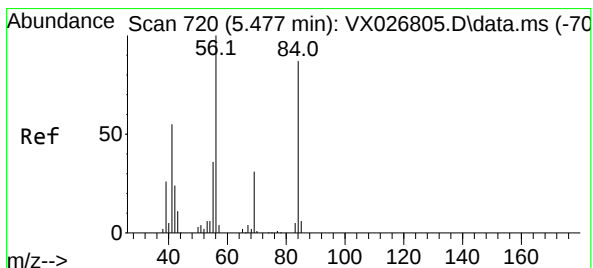
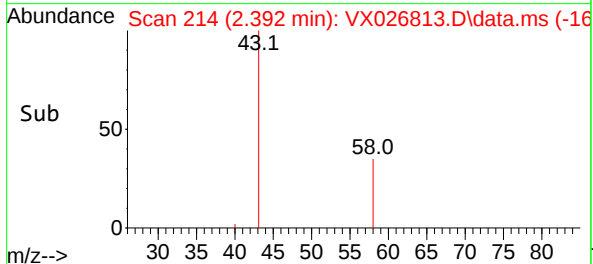
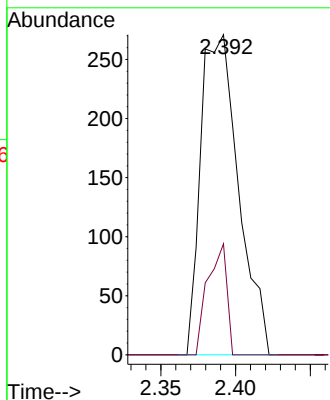
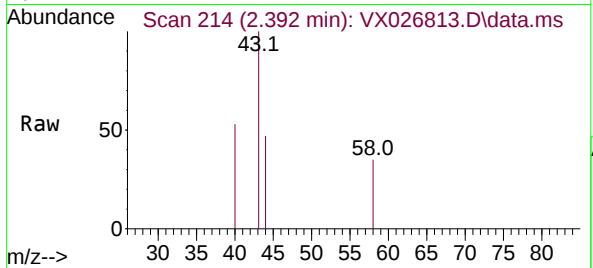




#16
Acetone
Concen: 0.687 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX026813.D
Acq: 08 Feb 2022 11:37

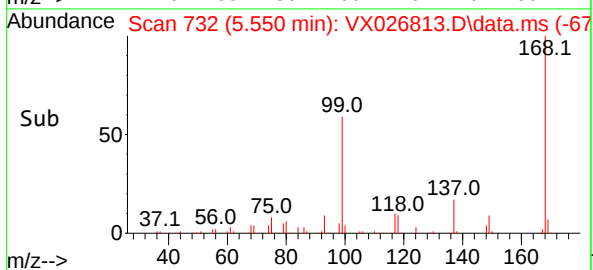
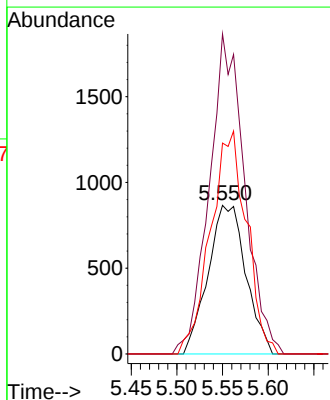
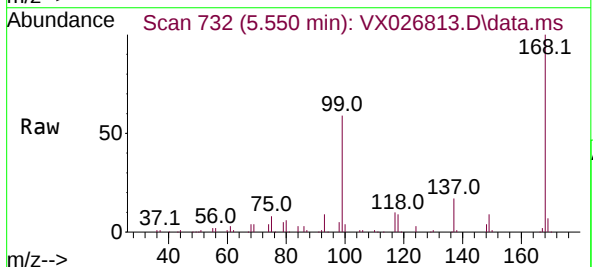
Instrument :
MSVOA_X
ClientSampleId :

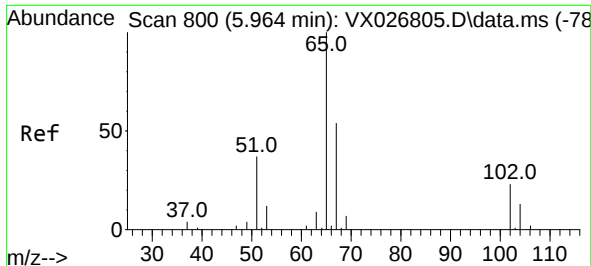
Tgt Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
58 34.7 23.0 34.6#



#31
Cyclohexane
Concen: 0.995 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX026813.D
Acq: 08 Feb 2022 11:37

Tgt Ion: 56 Resp: 2497
Ion Ratio Lower Upper
56 100
69 209.0 25.8 38.6#
84 141.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 51.829 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026813.D

Acq: 08 Feb 2022 11:37

Instrument :

MSVOA_X

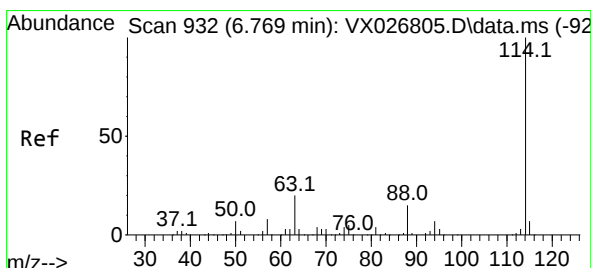
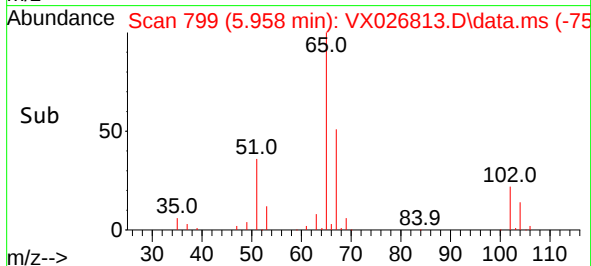
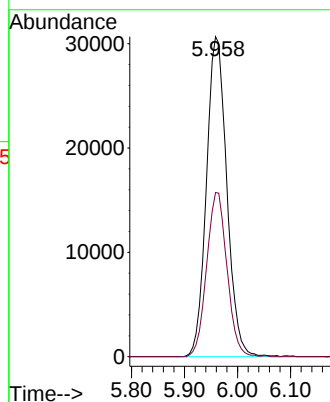
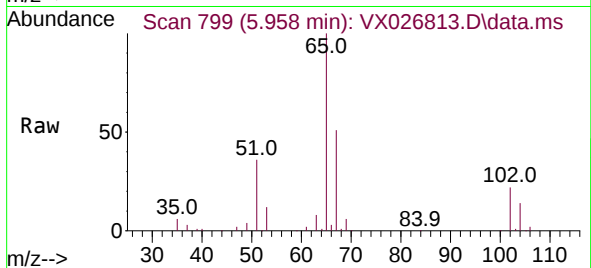
ClientSampleId :

Tgt Ion: 65 Resp: 81893

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026813.D

Acq: 08 Feb 2022 11:37

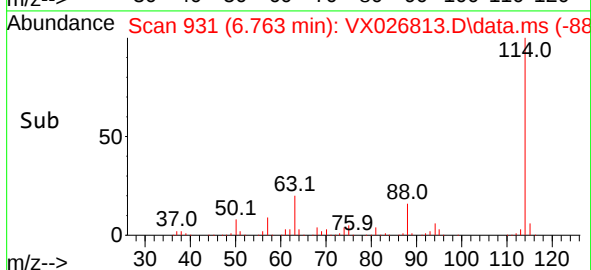
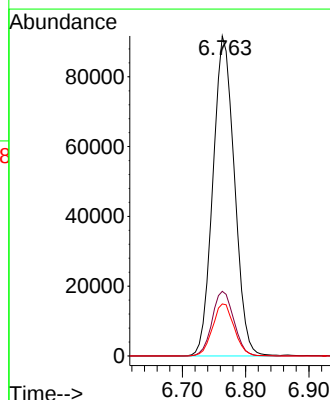
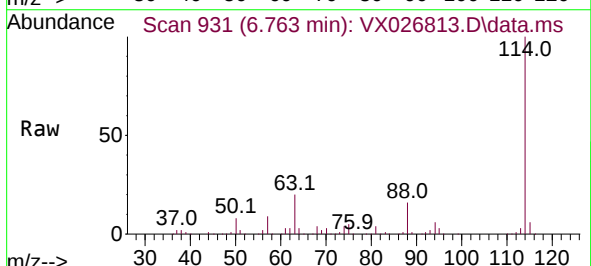
Tgt Ion: 114 Resp: 216741

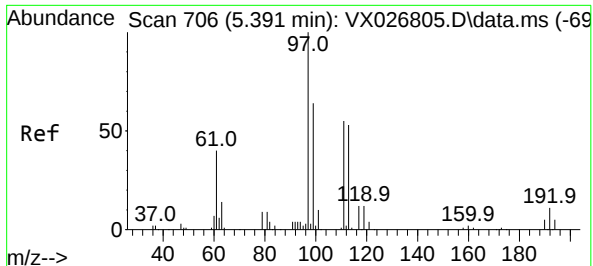
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

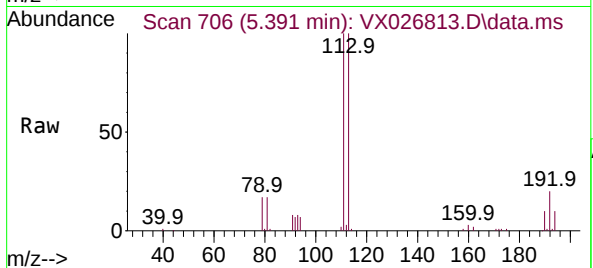
88 16.2 0.0 33.0



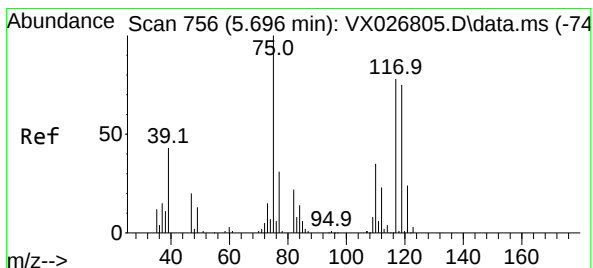
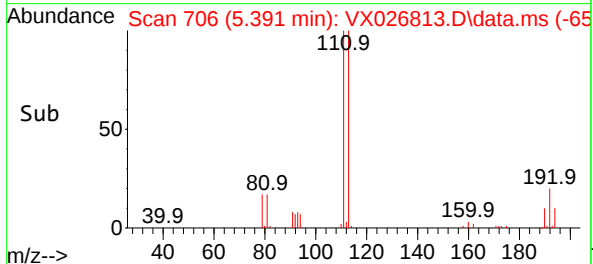
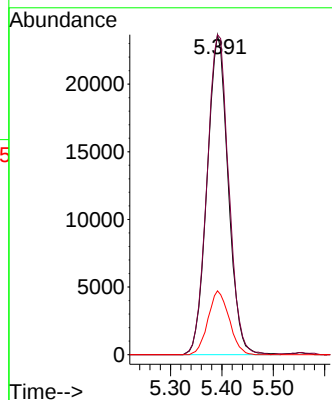


#35
Dibromofluoromethane
Concen: 52.068 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026813.D
Acq: 08 Feb 2022 11:37

Instrument :
MSVOA_X
ClientSampleId :

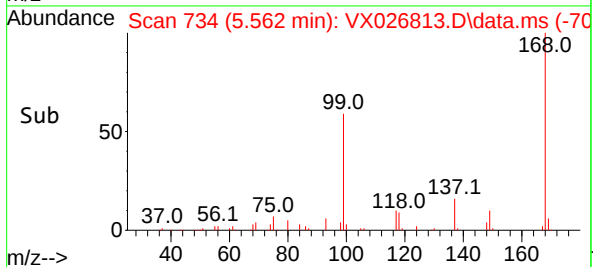
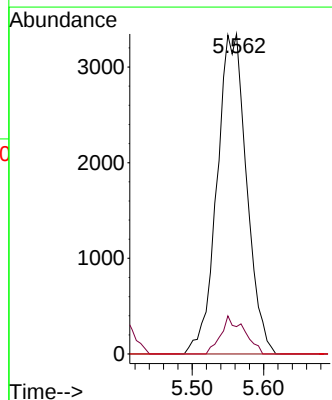
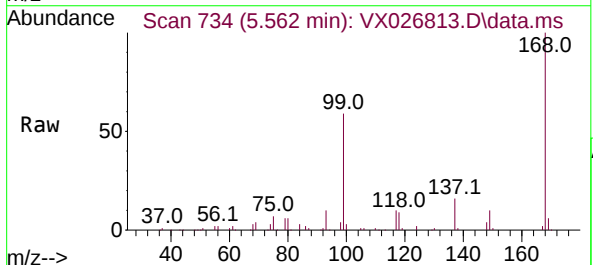


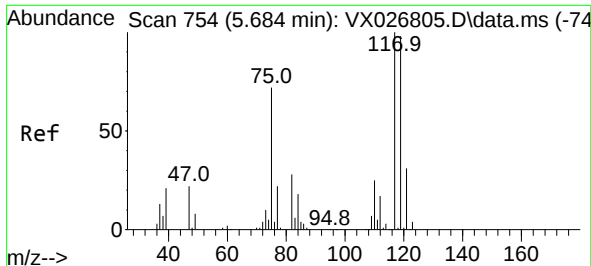
Tgt Ion:113 Resp: 67235
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 20.0 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.716 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX026813.D
Acq: 08 Feb 2022 11:37

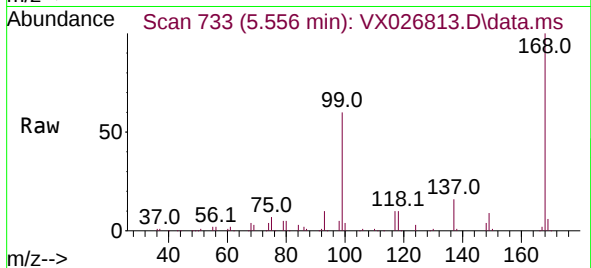
Tgt Ion: 75 Resp: 9608
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.6 36.8#



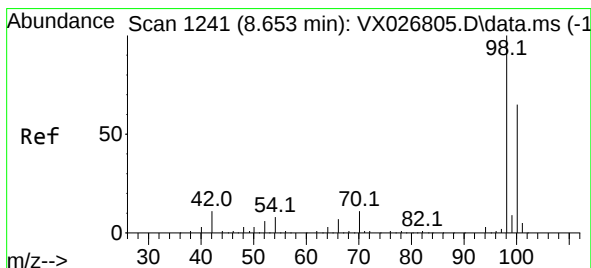
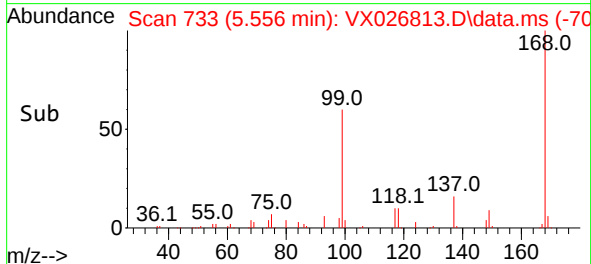
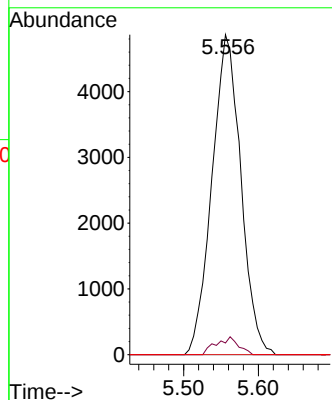


#38
Carbon Tetrachloride
Concen: 6.119 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026813.D
Acq: 08 Feb 2022 11:37

Instrument :
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ClientSampleId :

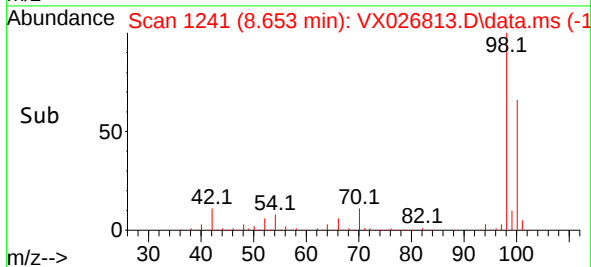
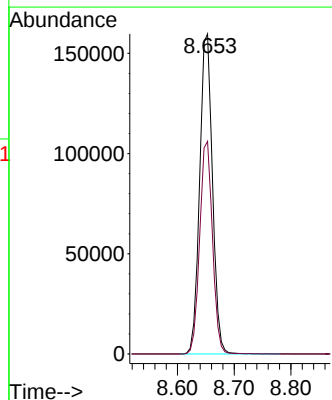
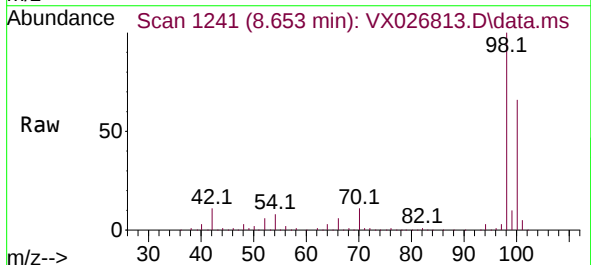


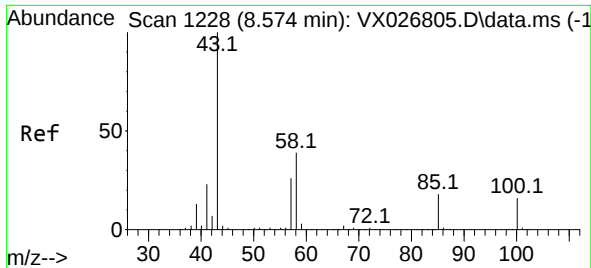
Tgt Ion:117 Resp: 13072
Ion Ratio Lower Upper
117 100
119 3.6 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.665 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026813.D
Acq: 08 Feb 2022 11:37

Tgt Ion: 98 Resp: 249632
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8

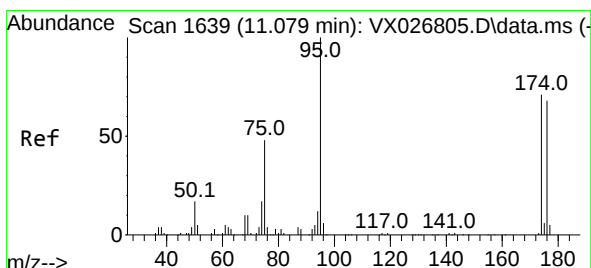
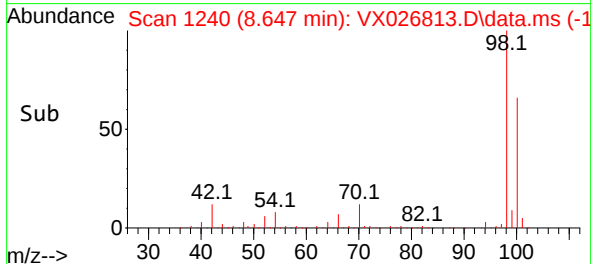
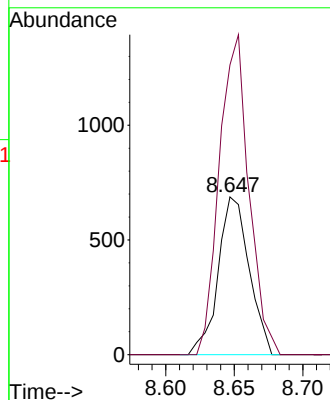
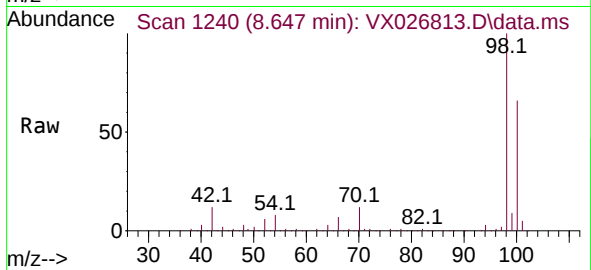




#51
4-Methyl-2-Pentanone
Concen: 0.501 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX026813.D
Acq: 08 Feb 2022 11:37

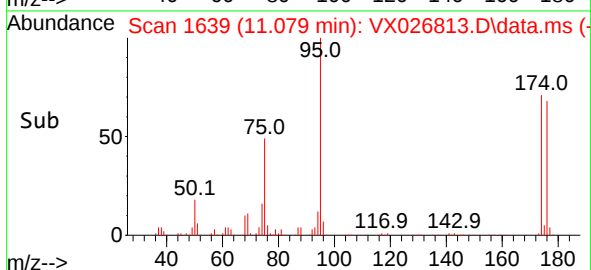
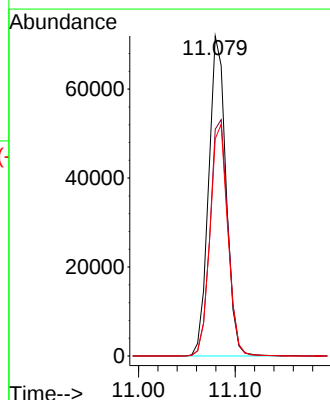
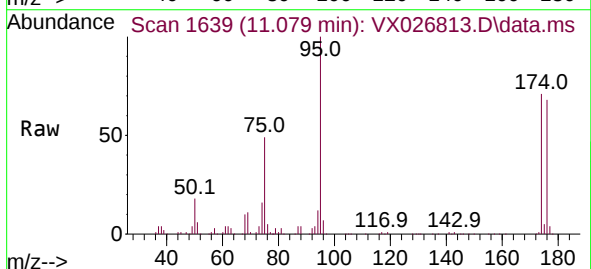
Instrument :
MSVOA_X
ClientSampleId :

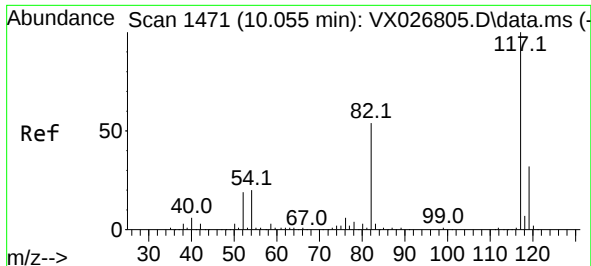
Tgt Ion: 43 Resp: 1082
Ion Ratio Lower Upper
43 100
58 193.7 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 53.904 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026813.D
Acq: 08 Feb 2022 11:37

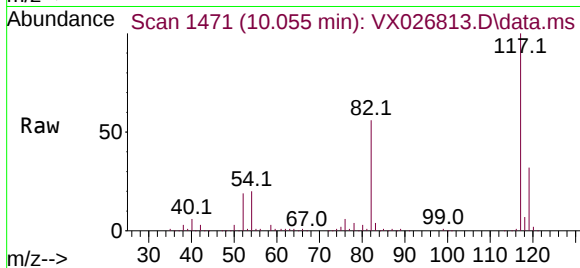
Tgt Ion: 95 Resp: 89954
Ion Ratio Lower Upper
95 100
174 76.1 0.0 148.6
176 73.7 0.0 141.4



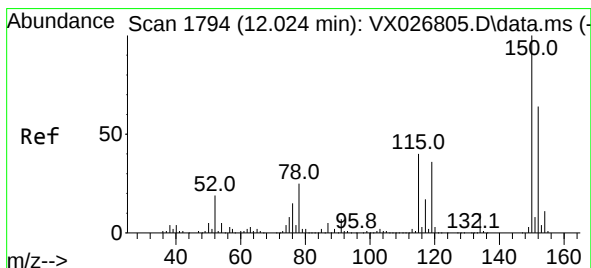
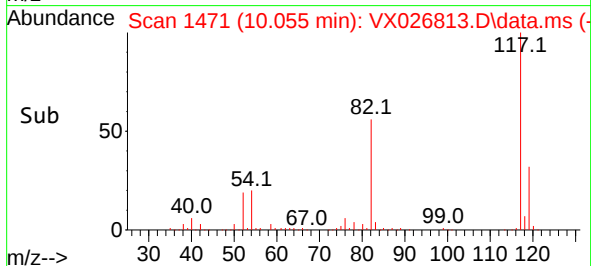
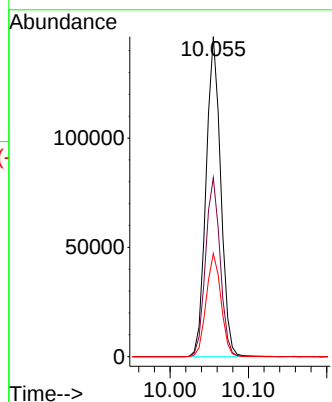


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026813.D
Acq: 08 Feb 2022 11:37

Instrument :
MSVOA_X
ClientSampleId :

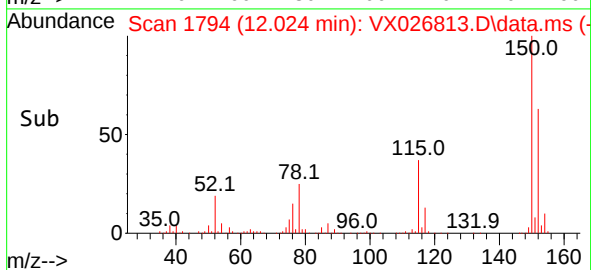
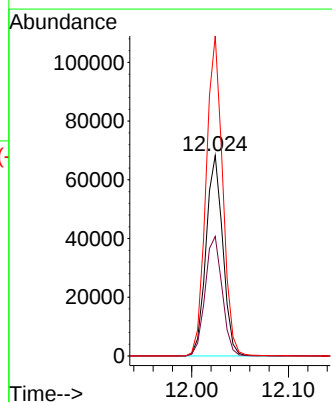
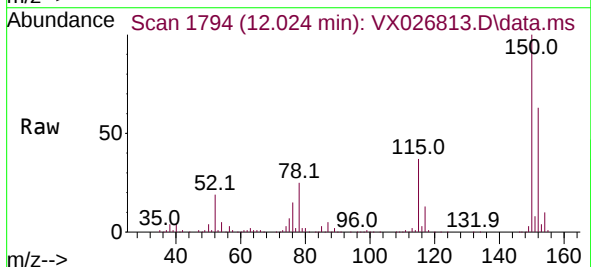


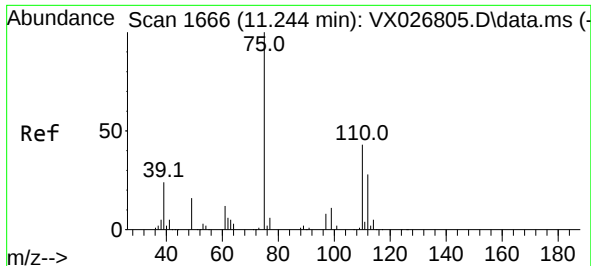
Tgt Ion:117 Resp: 189819
Ion Ratio Lower Upper
117 100
82 55.9 45.2 67.8
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026813.D
Acq: 08 Feb 2022 11:37

Tgt Ion:152 Resp: 82409
Ion Ratio Lower Upper
152 100
115 60.7 44.2 132.6
150 158.1 0.0 348.2

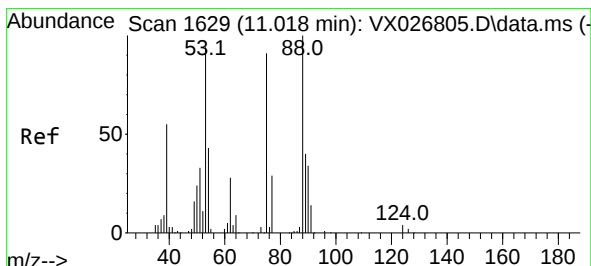
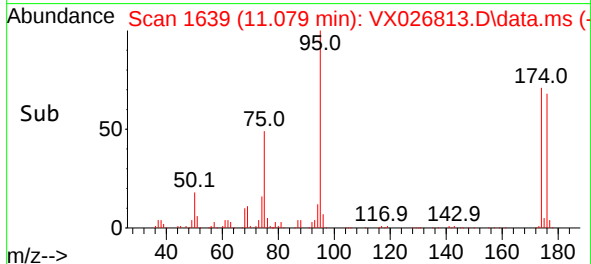
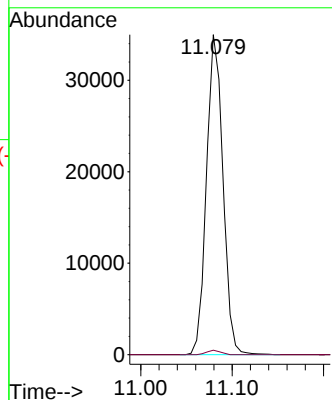
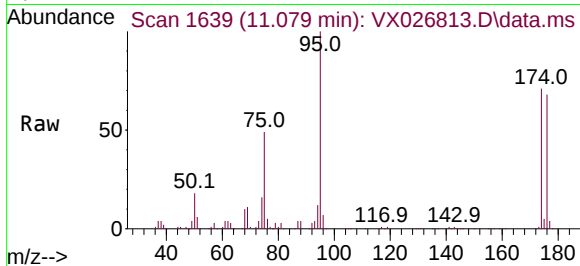




#76
1,2,3-Trichloropropane
Concen: 24.209 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026813.D
Acq: 08 Feb 2022 11:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 43673
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.951 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026813.D
Acq: 08 Feb 2022 11:37

Tgt Ion: 75 Resp: 43673
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

