

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026232.D
 Acq On : 03 Jan 2022 19:52
 Operator : JC/MD
 Sample : M5242-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 03:54:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	181103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	314784	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120098	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141238	53.907	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.820%
35) Dibromofluoromethane	5.391	113	103485	50.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.140%
50) Toluene-d8	8.653	98	376177	49.417	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.840%
62) 4-Bromofluorobenzene	11.079	95	133789	49.371	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.740%

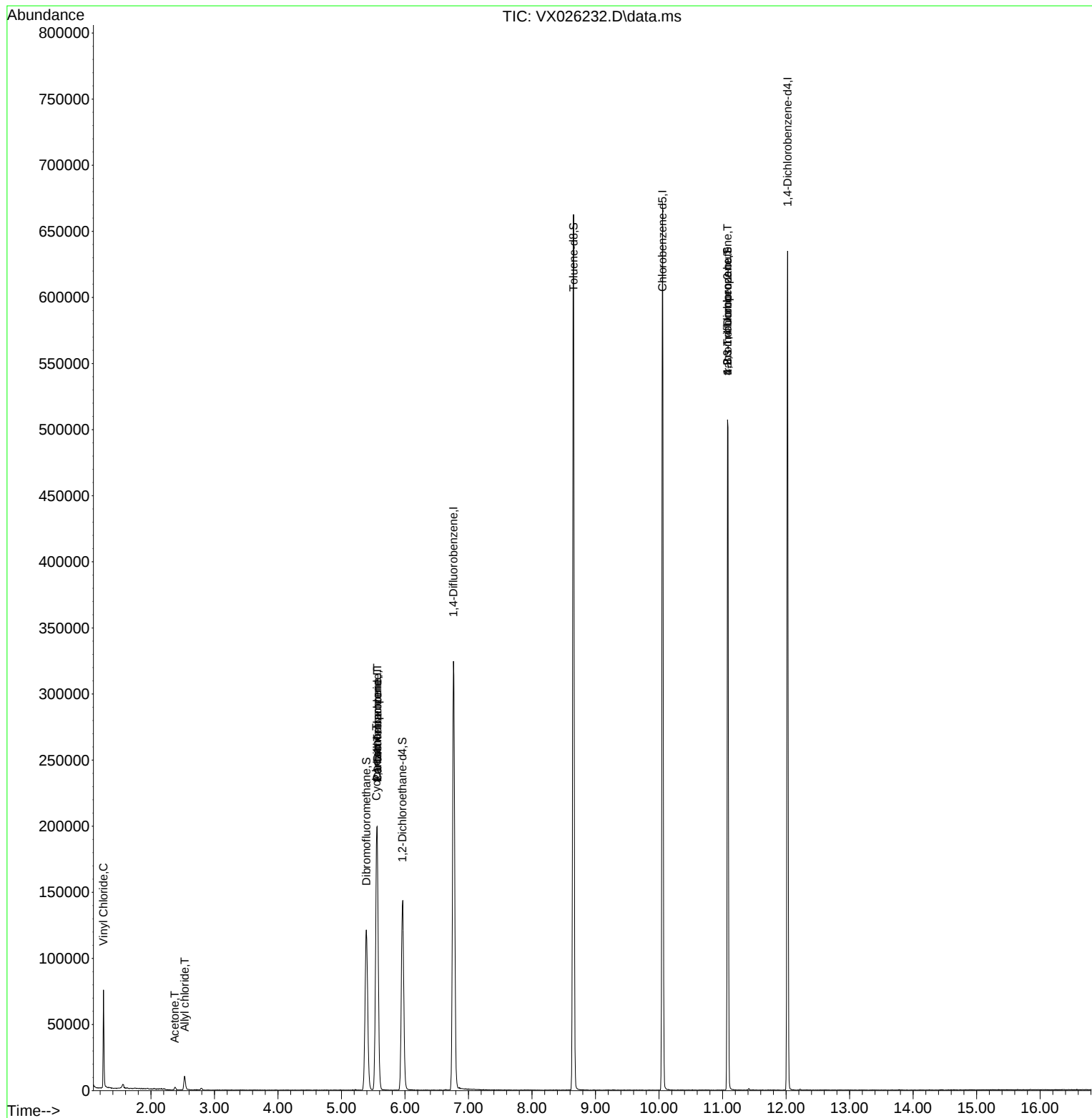
Target Compounds					Qvalue	
4) Vinyl Chloride	1.252	62	567	0.243	ug/l #	57
14) Allyl chloride	2.532	41	1376	0.347	ug/l #	73
16) Acetone	2.373	43	2404	1.693	ug/l #	86
20) Methylene Chloride	2.800	84	656	Below Cal	#	82
31) Cyclohexane	5.550	56	4450	1.193	ug/l #	47
36) 1,1-Dichloropropene	5.562	75	15817	4.792	ug/l #	49
38) Carbon Tetrachloride	5.562	117	19773	5.385	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	72877	25.140	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	72877	72.730	ug/l #	10

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

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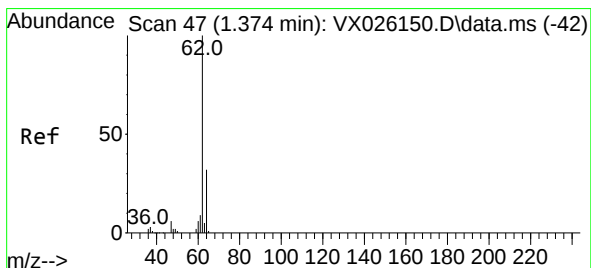
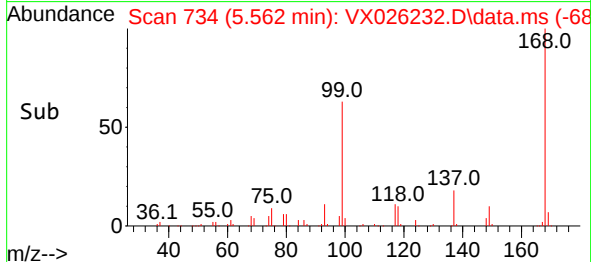
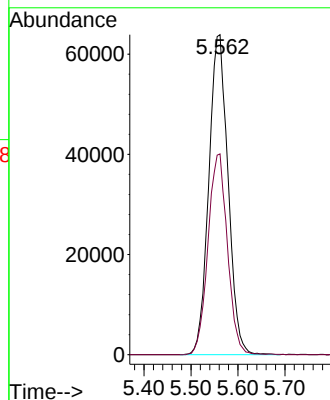
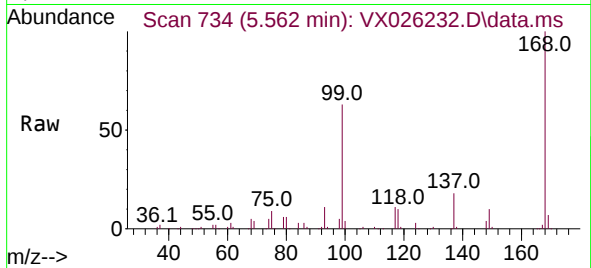




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026232.D
Acq: 03 Jan 2022 19:52

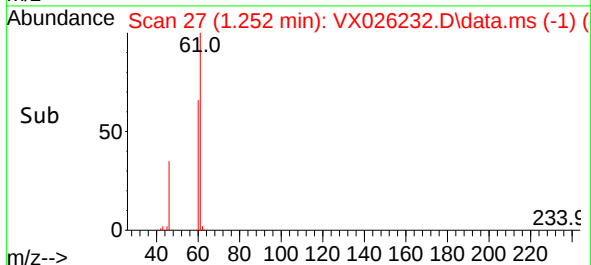
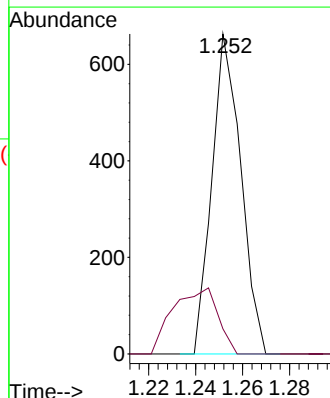
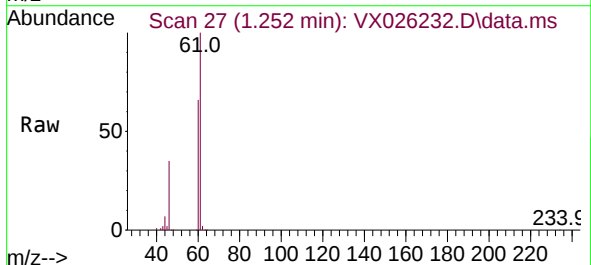
Instrument :
MSVOA_X
ClientSampleId :

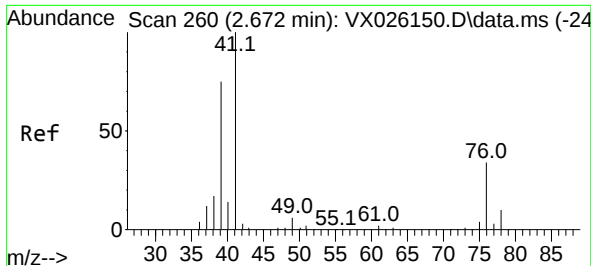
Tgt Ion:168 Resp: 181103
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.8



#4
Vinyl Chloride
Concen: 0.243 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.122 min
Lab File: VX026232.D
Acq: 03 Jan 2022 19:52

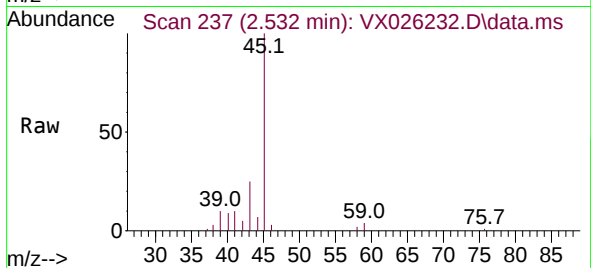
Tgt Ion: 62 Resp: 567
Ion Ratio Lower Upper
62 100
64 7.8 25.4 38.2#



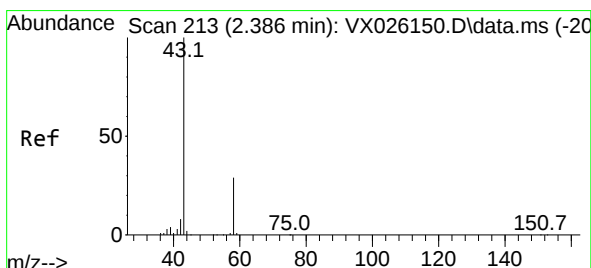
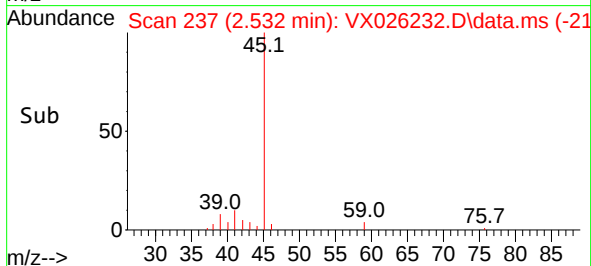
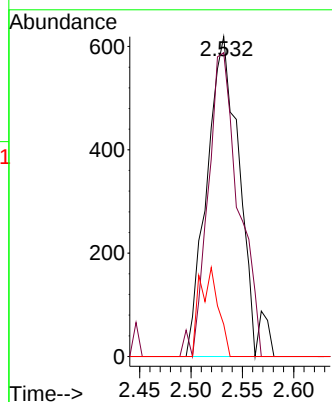


#14
Allyl chloride
Concen: 0.347 ug/l
RT: 2.532 min Scan# 211
Delta R.T. -0.140 min
Lab File: VX026232.D
Acq: 03 Jan 2022 19:52

Instrument :
MSVOA_X
ClientSampleId :

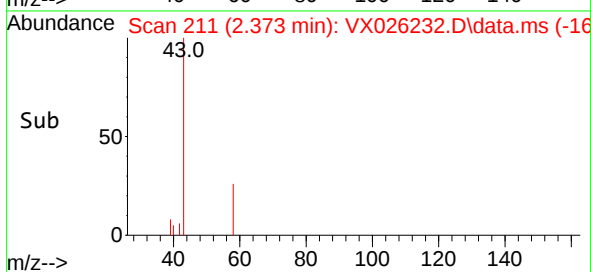
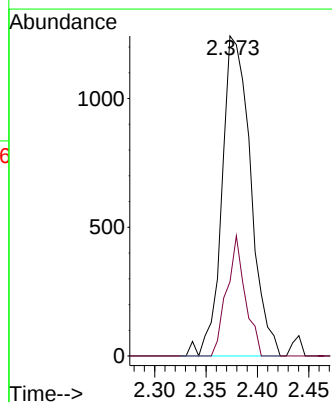
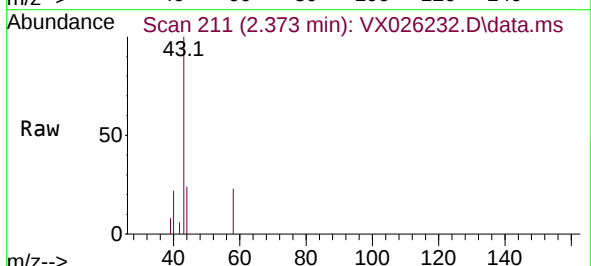


Tgt Ion: 41 Resp: 1376
Ion Ratio Lower Upper
41 100
39 88.6 55.4 83.0#
76 15.8 27.6 41.4#



#16
Acetone
Concen: 1.693 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.013 min
Lab File: VX026232.D
Acq: 03 Jan 2022 19:52

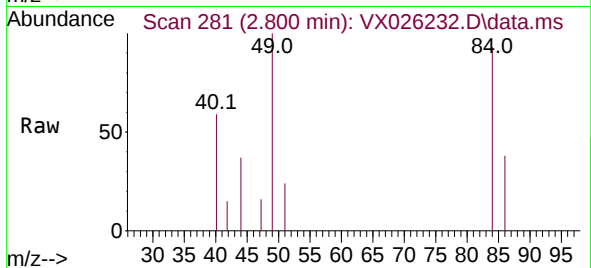
Tgt Ion: 43 Resp: 2404
Ion Ratio Lower Upper
43 100
58 23.2 24.8 37.2#





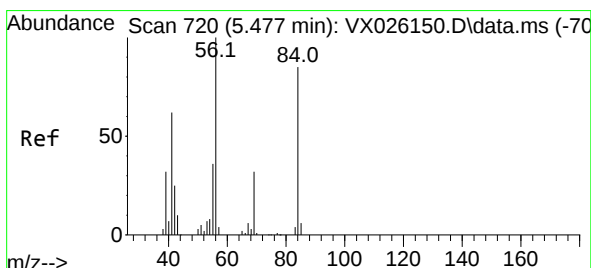
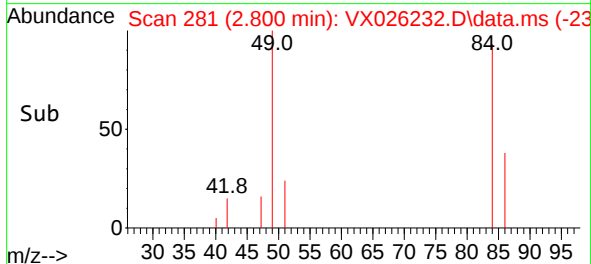
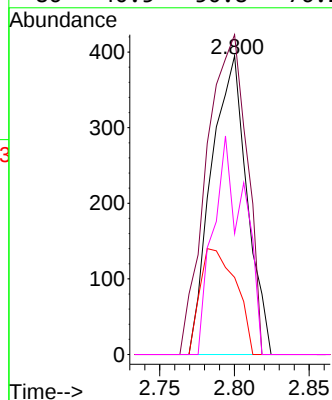
#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026232.D
Acq: 03 Jan 2022 19:52

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 656

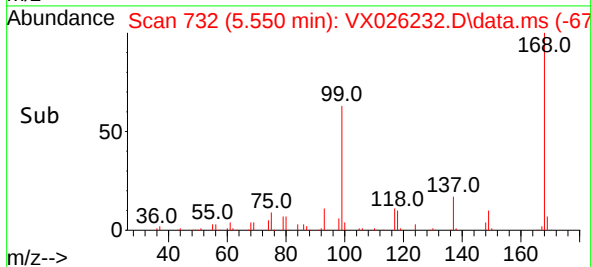
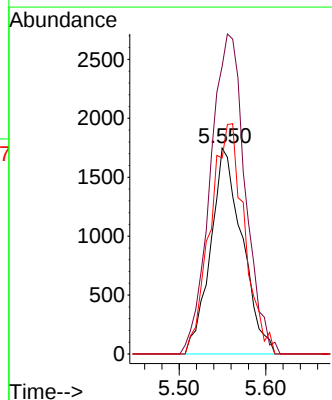
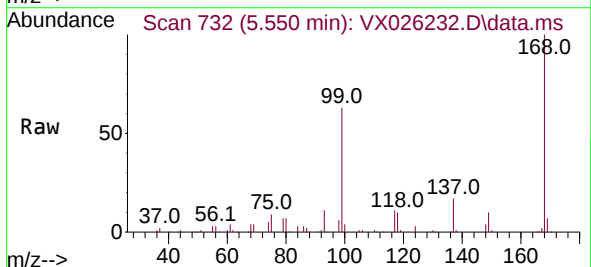
Ion	Ratio	Lower	Upper
84	100		
49	107.1	97.1	145.7
51	25.8	29.3	43.9#
86	40.5	50.8	76.2#

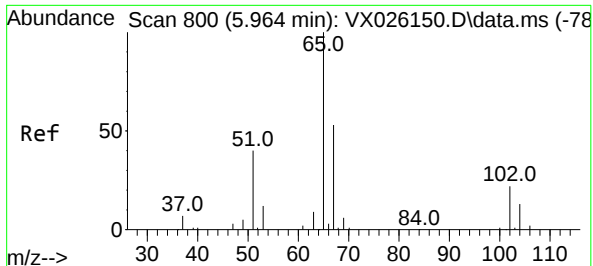


#31
Cyclohexane
Concen: 1.193 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX026232.D
Acq: 03 Jan 2022 19:52

Tgt Ion: 56 Resp: 4450

Ion	Ratio	Lower	Upper
56	100		
69	139.7	23.9	35.9#
84	95.2	73.2	109.8





#33

1,2-Dichloroethane-d4

Concen: 53.907 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026232.D

Acq: 03 Jan 2022 19:52

Instrument :

MSVOA_X

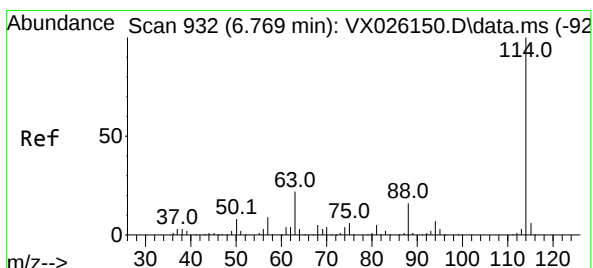
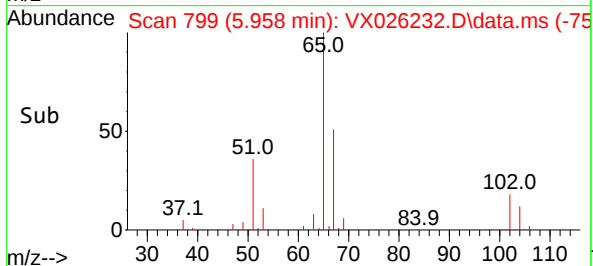
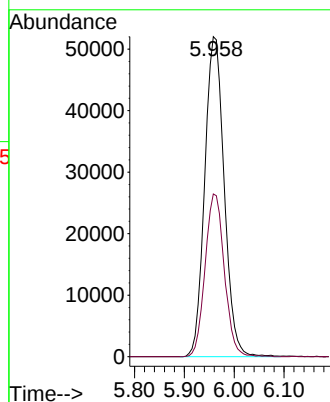
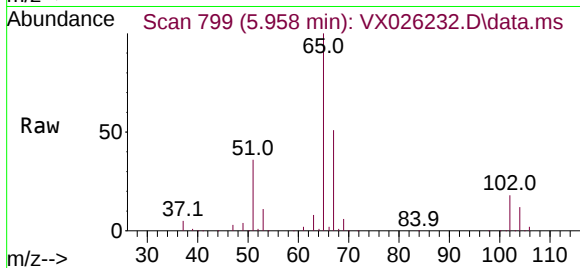
ClientSampleId :

Tgt Ion: 65 Resp: 141238

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026232.D

Acq: 03 Jan 2022 19:52

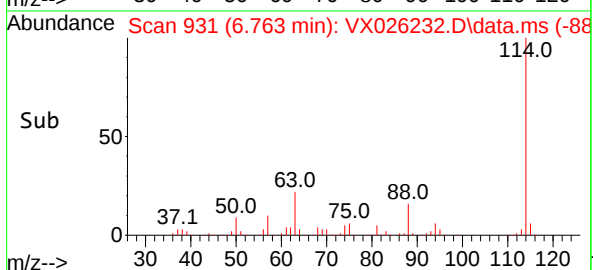
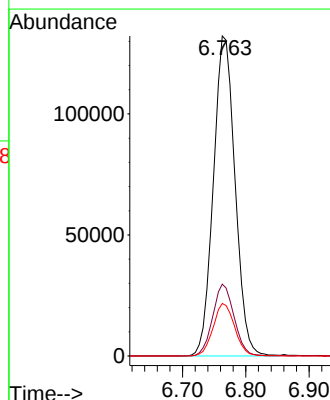
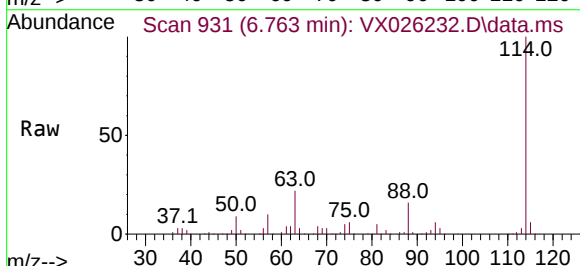
Tgt Ion: 114 Resp: 314784

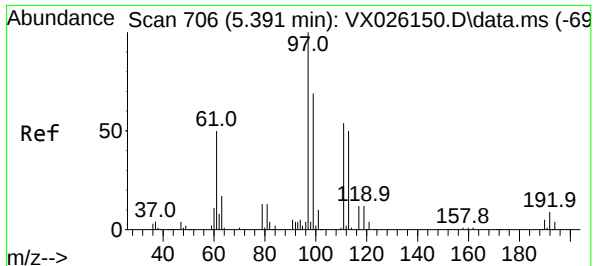
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 16.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.567 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

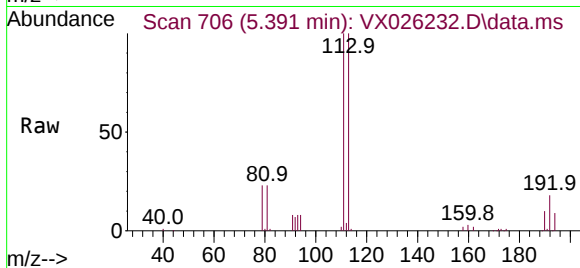
Lab File: VX026232.D

Acq: 03 Jan 2022 19:52

Instrument :

MSVOA_X

ClientSampleId :



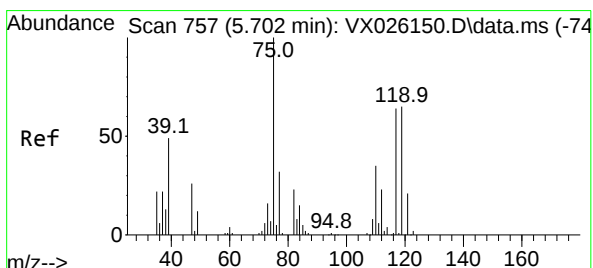
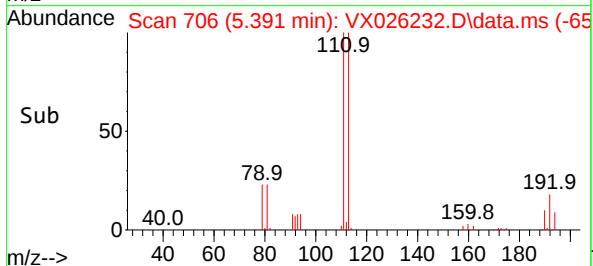
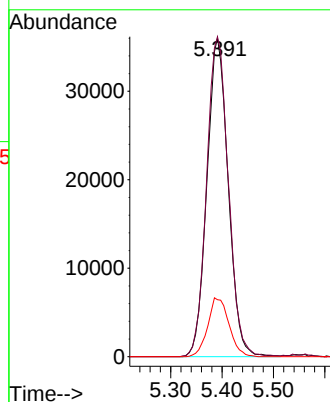
Tgt Ion:113 Resp: 103485

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

192 18.5 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.792 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX026232.D

Acq: 03 Jan 2022 19:52

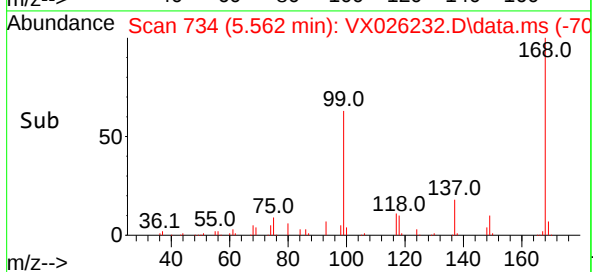
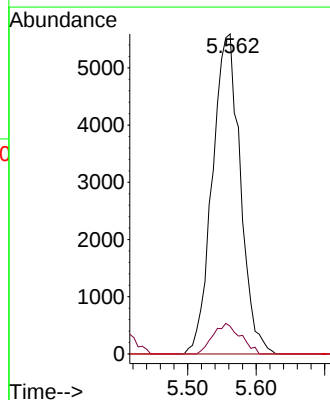
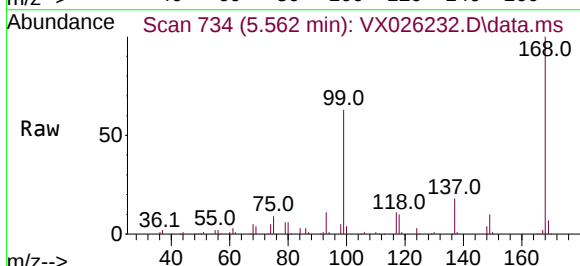
Tgt Ion: 75 Resp: 15817

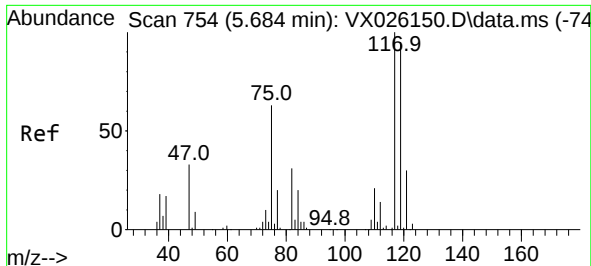
Ion Ratio Lower Upper

75 100

110 9.5 18.2 54.6#

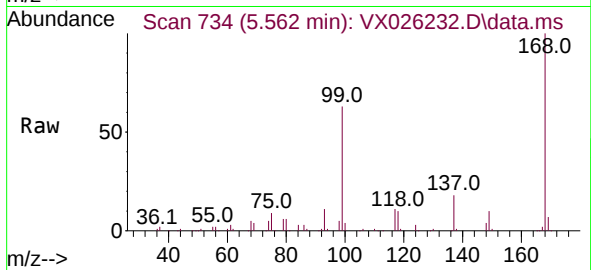
77 0.0 24.7 37.1#



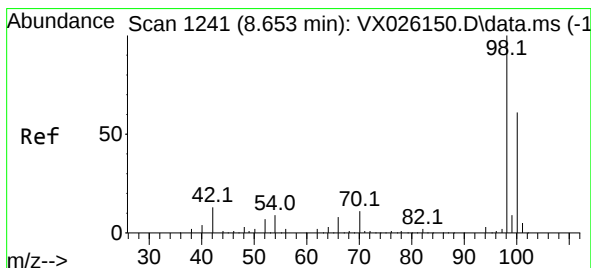
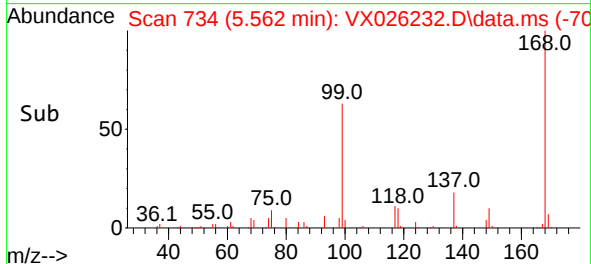
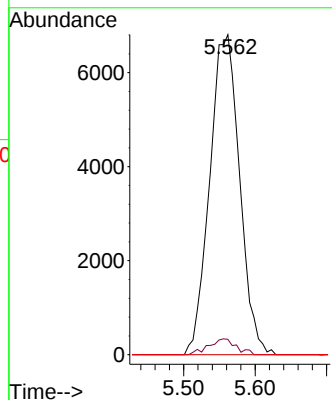


#38
Carbon Tetrachloride
Concen: 5.385 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026232.D
Acq: 03 Jan 2022 19:52

Instrument :
MSVOA_X
ClientSampleId :

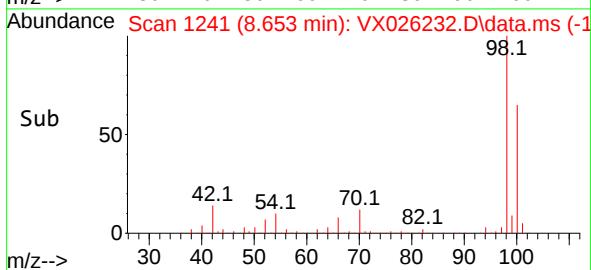
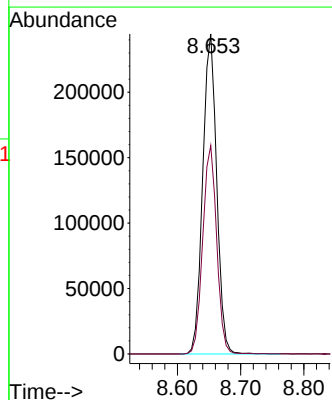
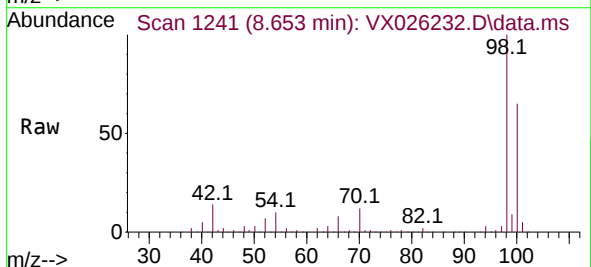


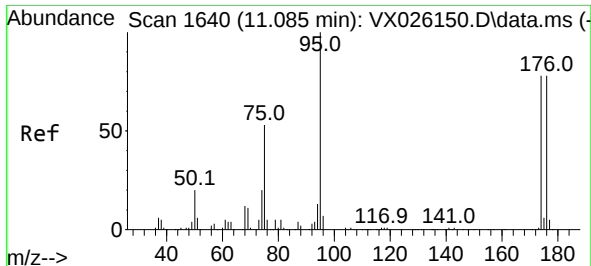
Tgt Ion:117 Resp: 19773
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 49.417 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026232.D
Acq: 03 Jan 2022 19:52

Tgt Ion: 98 Resp: 376177
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

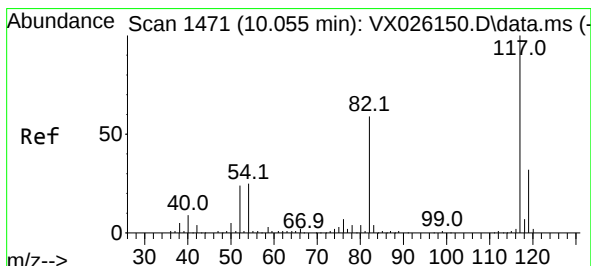
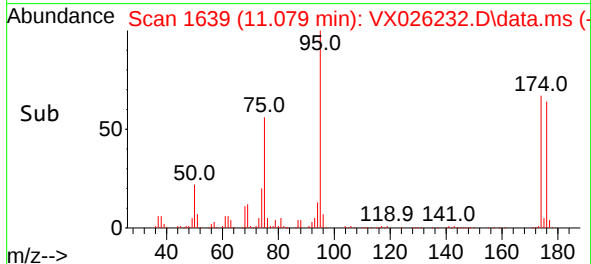
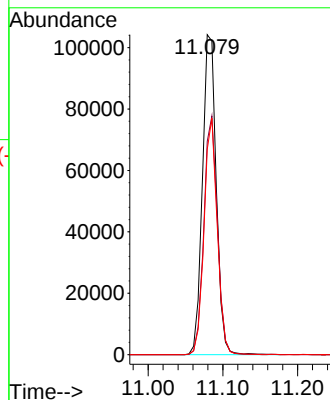
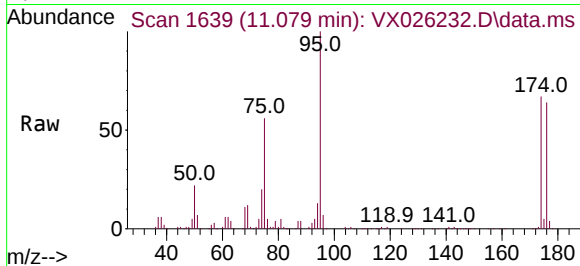




#62
4-Bromofluorobenzene
Concen: 49.371 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026232.D
Acq: 03 Jan 2022 19:52

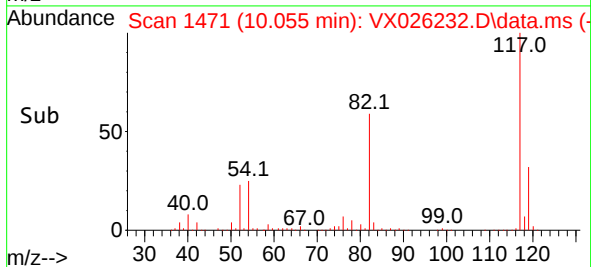
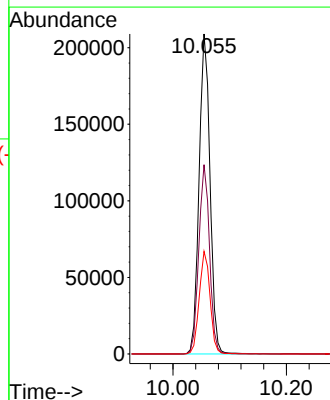
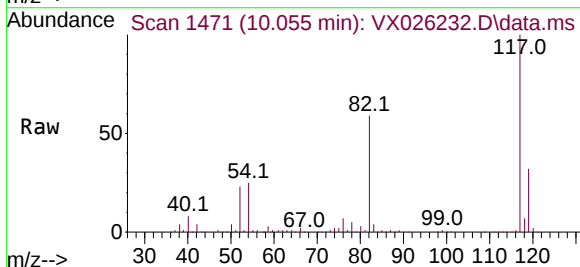
Instrument :
MSVOA_X
ClientSampleId :

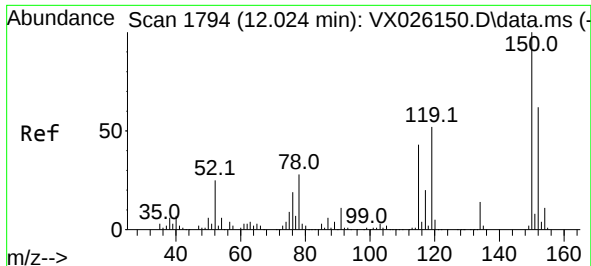
Tgt Ion: 95 Resp: 133789
Ion Ratio Lower Upper
95 100
174 73.0 0.0 157.4
176 70.4 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026232.D
Acq: 03 Jan 2022 19:52

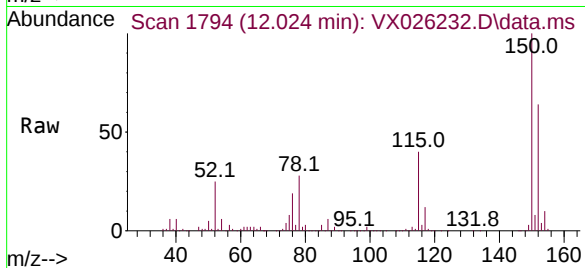
Tgt Ion: 117 Resp: 278839
Ion Ratio Lower Upper
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82 59.2 43.8 65.6
119 32.1 25.2 37.8



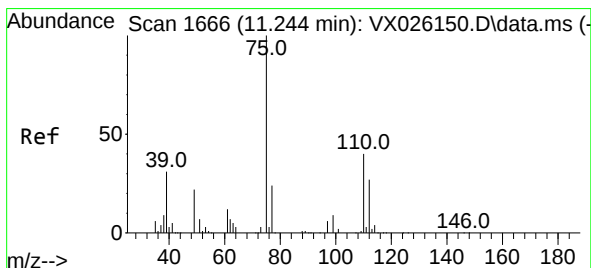
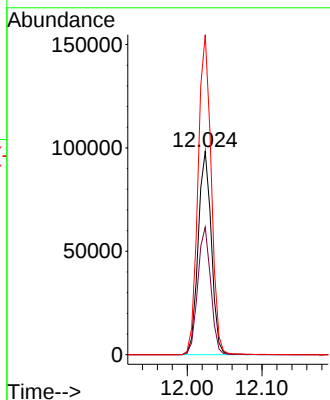
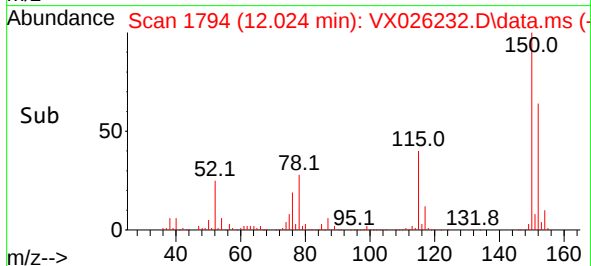


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026232.D
 Acq: 03 Jan 2022 19:52

Instrument :
 MSVOA_X
 ClientSampleId :

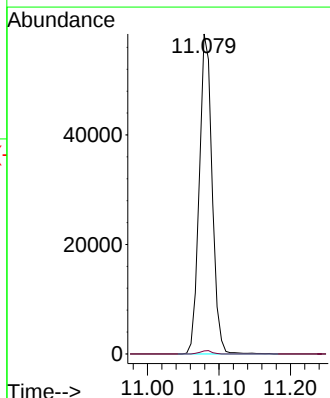
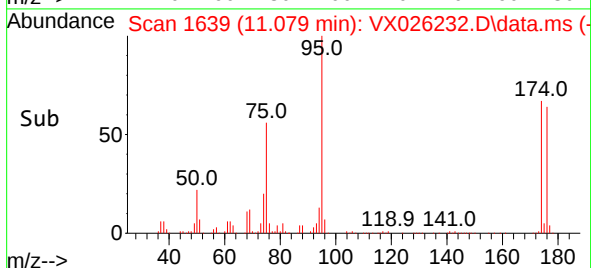
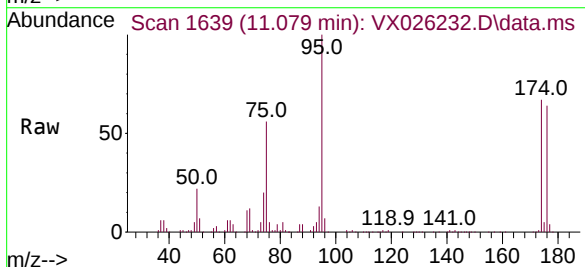


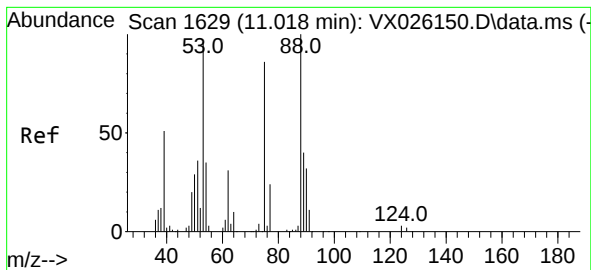
Tgt Ion:152 Resp: 120098
 Ion Ratio Lower Upper
 152 100
 115 61.9 41.3 123.9
 150 157.8 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 25.140 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026232.D
 Acq: 03 Jan 2022 19:52

Tgt Ion: 75 Resp: 72877
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.730 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026232.D
 Acq: 03 Jan 2022 19:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 72877
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.1 38.3 57.5#

