

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027492.D
 Acq On : 17 Mar 2022 17:17
 Operator : JC/MD
 Sample : VX0317WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBL01

Quant Time: Mar 18 02:05:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

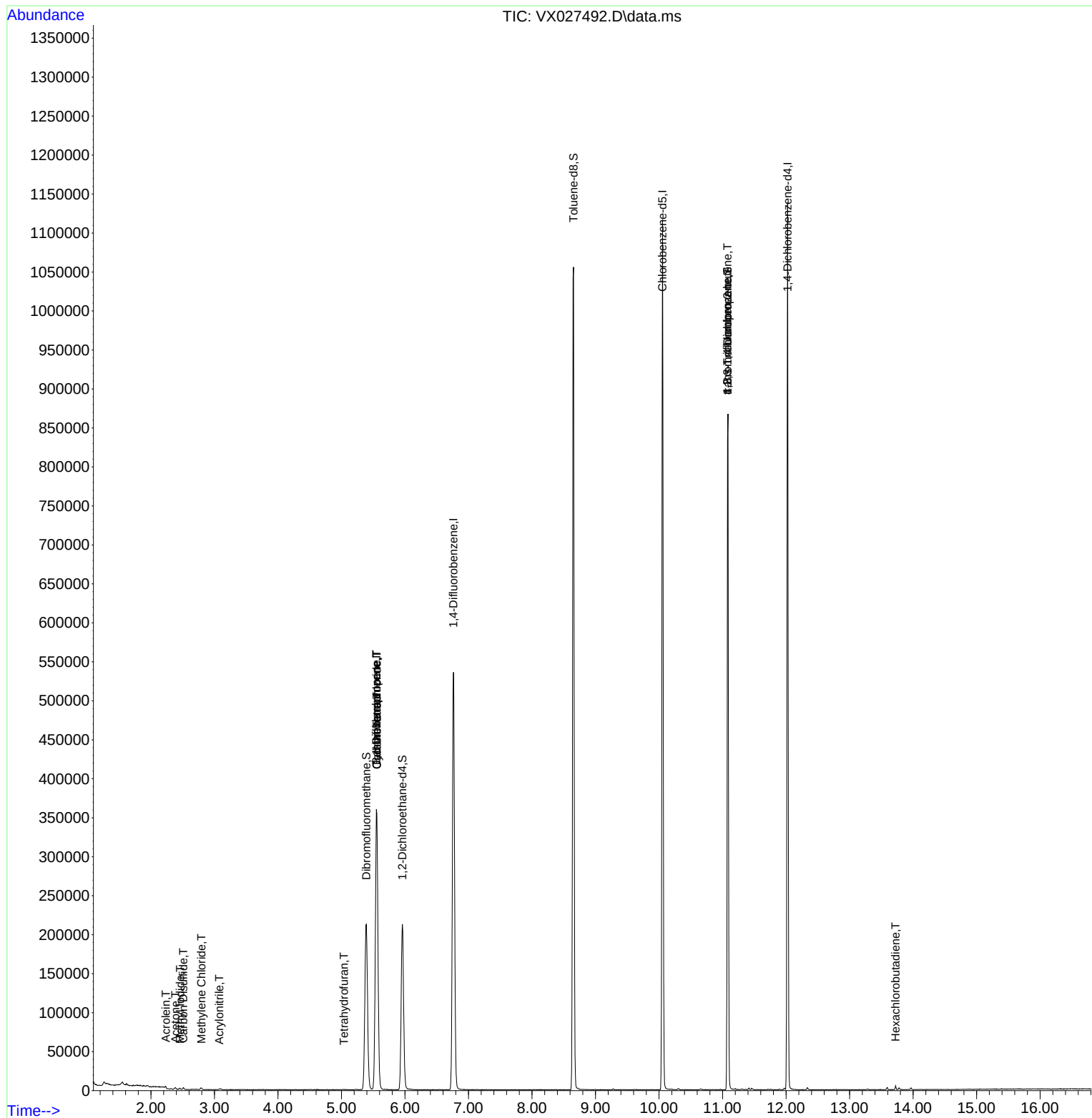
Internal Standards						
1) Pentafluorobenzene	5.550	168	347936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	570099	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	507537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	215329	50.237	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.480%	
35) Dibromofluoromethane	5.391	113	189327	51.617	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.240%	
50) Toluene-d8	8.653	98	660755	47.606	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.220%	
62) 4-Bromofluorobenzene	11.079	95	238944	46.837	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 93.680%	
Target Compounds						Qvalue
5) Bromomethane	1.618	94	894	Below Cal	#	74
10) Methyl Iodide	2.459	142	1409	0.316	ug/l #	96
13) Acrolein	2.233	56	252	0.398	ug/l #	18
15) Acrylonitrile	3.075	53	428	0.230	ug/l #	78
16) Acetone	2.386	43	1882	1.077	ug/l #	81
17) Carbon Disulfide	2.508	76	2650	0.322	ug/l	100
20) Methylene Chloride	2.794	84	1088	0.290	ug/l	89
29) Tetrahydrofuran	5.038	42	496	0.294	ug/l #	48
31) Cyclohexane	5.556	56	6888	1.294	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	24661	4.920	ug/l #	50
38) Carbon Tetrachloride	5.556	117	34946	6.094	ug/l #	14
58) 2-Chloroethyl Vinyl ether	8.208	63	19	Below Cal	#	45
76) 1,2,3-Trichloropropane	11.079	75	119052	24.463	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	119052	74.296	ug/l #	15
94) Hexachlorobutadiene	13.725	225	713	0.326	ug/l	96

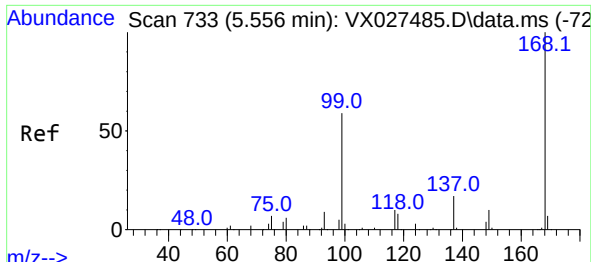
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
Data File : VX027492.D
Acq On : 17 Mar 2022 17:17
Operator : JC/MD
Sample : VX0317WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

Quant Time: Mar 18 02:05:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

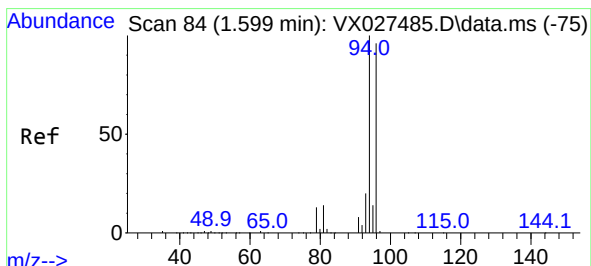
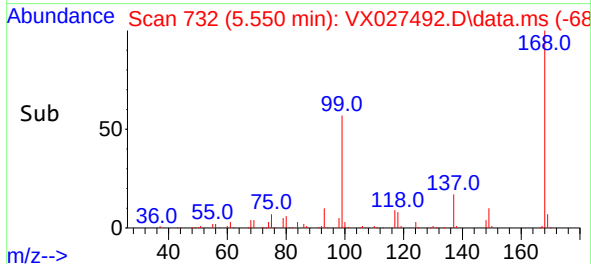
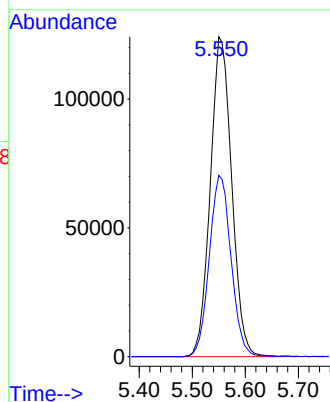
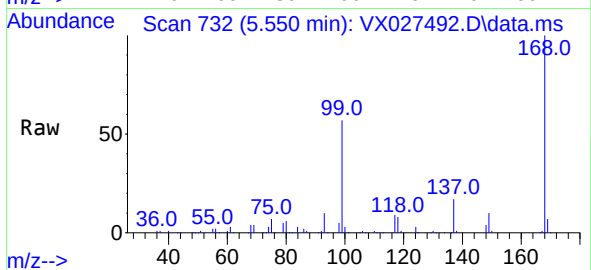




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

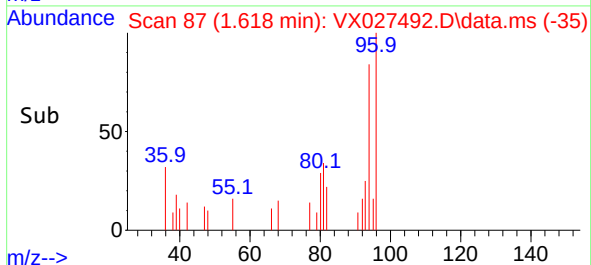
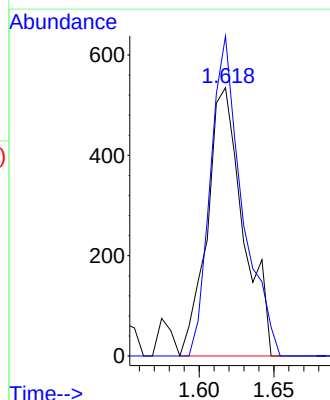
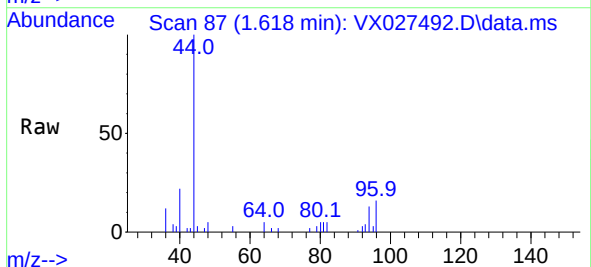
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

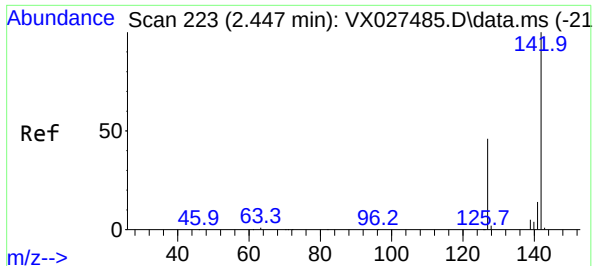
Tgt Ion:168 Resp: 347936
Ion Ratio Lower Upper
168 100
99 56.7 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

Tgt Ion: 94 Resp: 894
Ion Ratio Lower Upper
94 100
96 119.3 75.3 112.9#

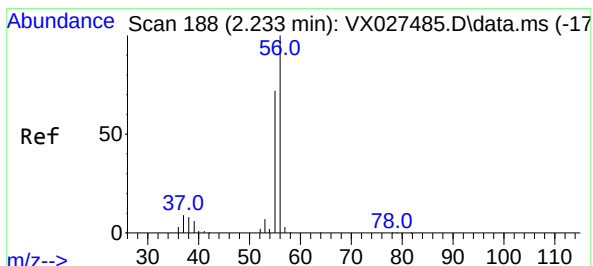
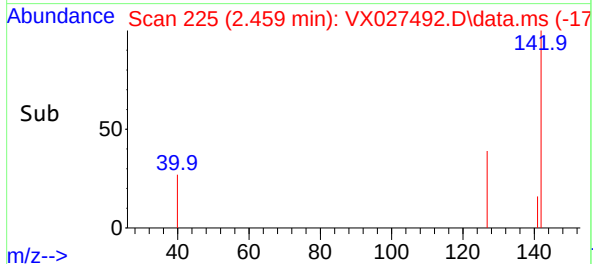
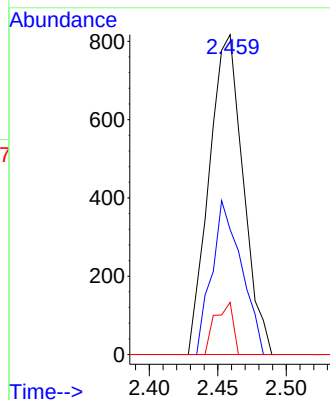
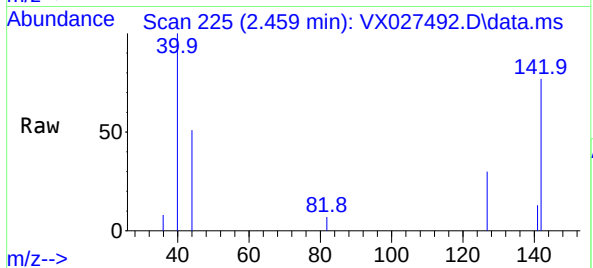




#10
Methyl Iodide
Concen: 0.316 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

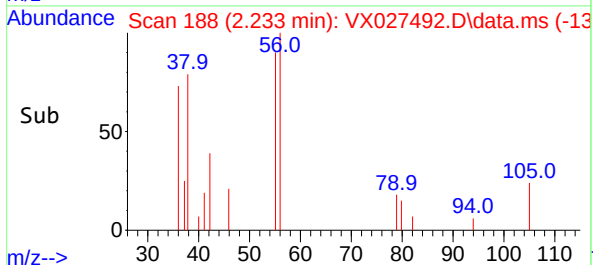
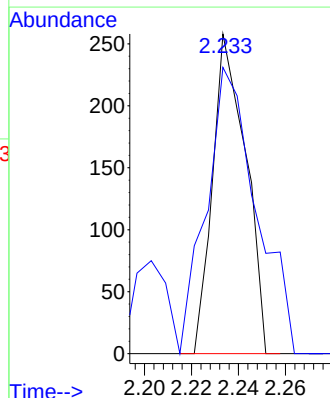
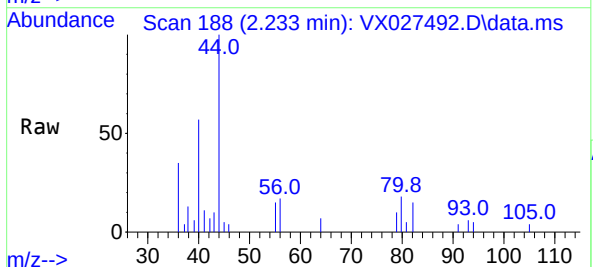
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

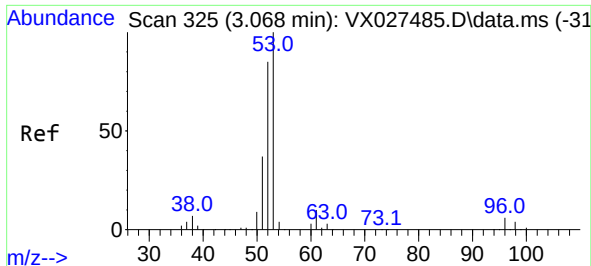
Tgt Ion:142 Resp: 1409
Ion Ratio Lower Upper
142 100
127 41.8 33.9 50.9
141 8.7 11.4 17.2#



#13
Acrolein
Concen: 0.398 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

Tgt Ion: 56 Resp: 252
Ion Ratio Lower Upper
56 100
55 135.3 55.0 82.6#

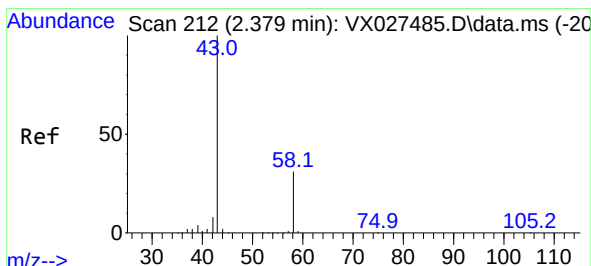
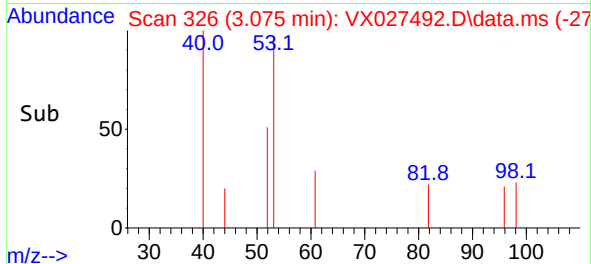
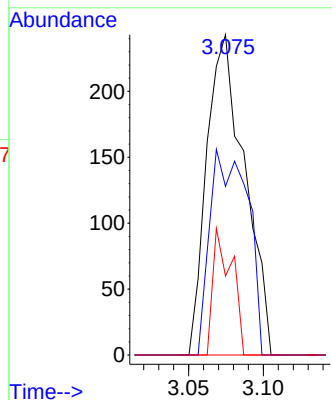
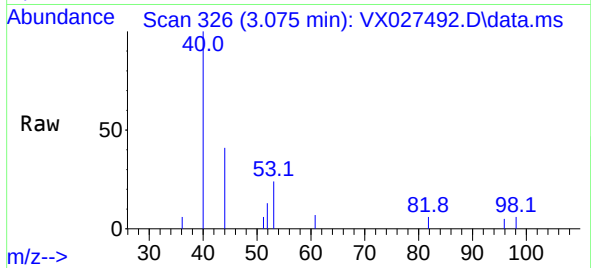




#15
Acrylonitrile
Concen: 0.230 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

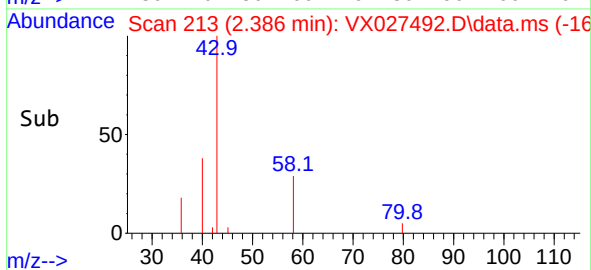
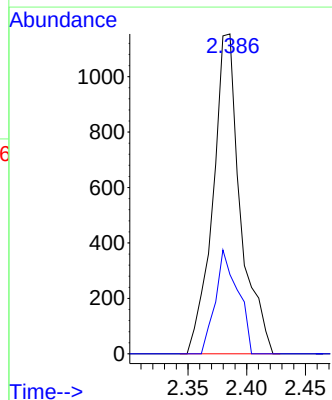
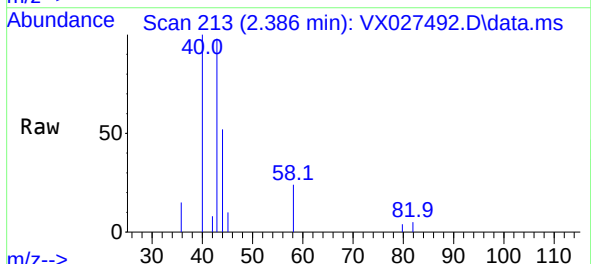
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

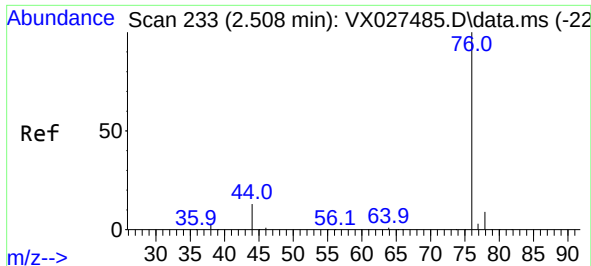
Tgt Ion: 53 Resp: 428
Ion Ratio Lower Upper
53 100
52 64.0 65.7 98.5#
51 19.9 28.4 42.6#



#16
Acetone
Concen: 1.077 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

Tgt Ion: 43 Resp: 1882
Ion Ratio Lower Upper
43 100
58 24.8 28.8 43.2#

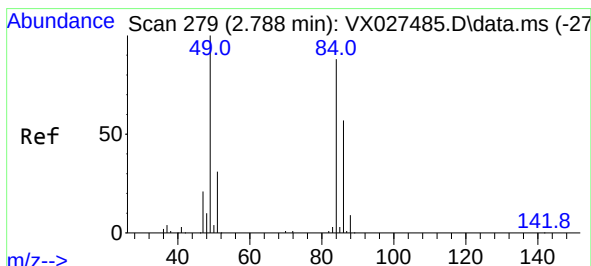
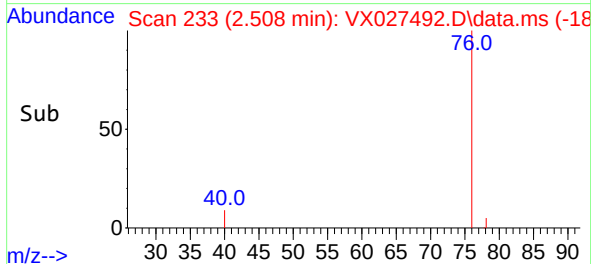
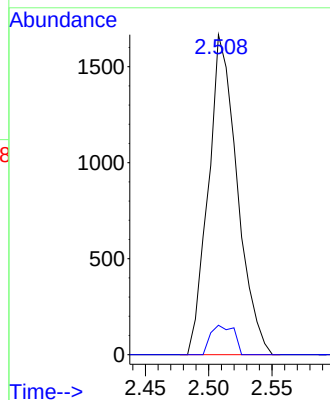
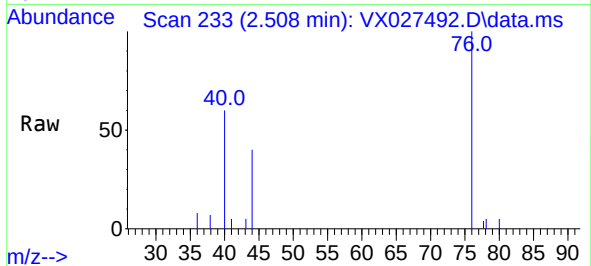




#17
Carbon Disulfide
Concen: 0.322 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

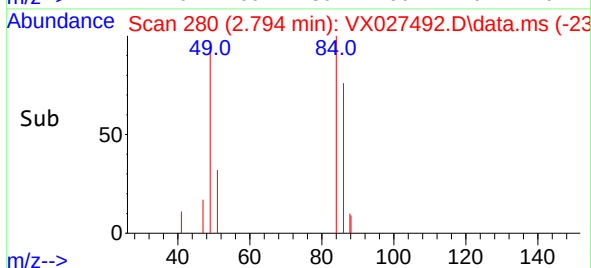
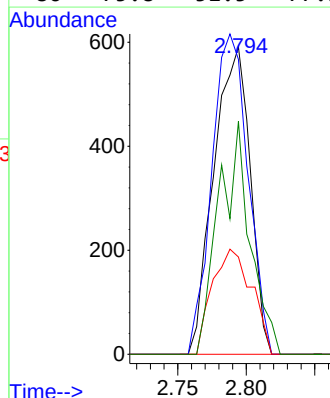
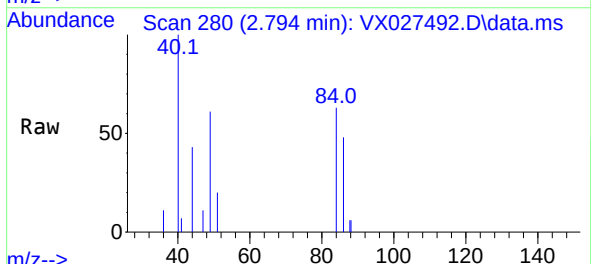
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

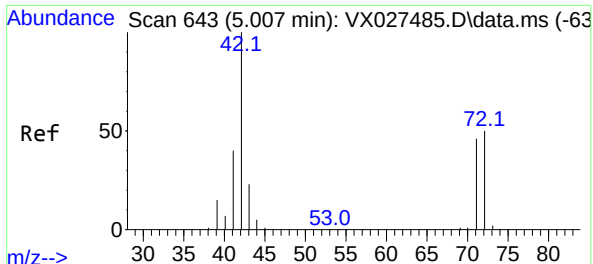
Tgt Ion: 76 Resp: 2650
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#20
Methylene Chloride
Concen: 0.290 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

Tgt Ion: 84 Resp: 1088
Ion Ratio Lower Upper
84 100
49 95.9 85.5 128.3
51 31.6 26.6 39.8
86 75.8 51.5 77.3





#29

Tetrahydrofuran

Concen: 0.294 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX027492.D

Acq: 17 Mar 2022 17:17

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBL01

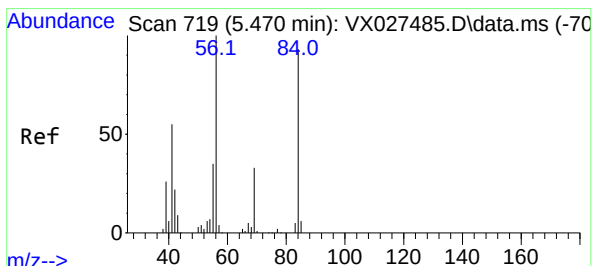
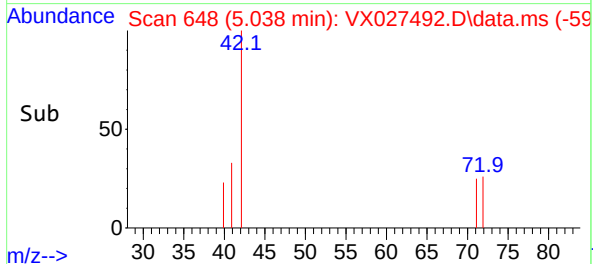
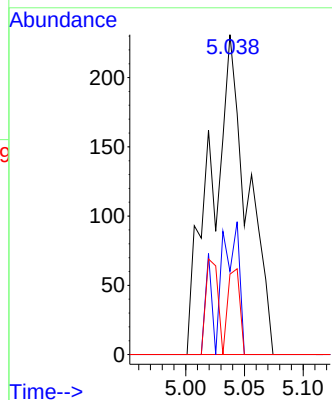
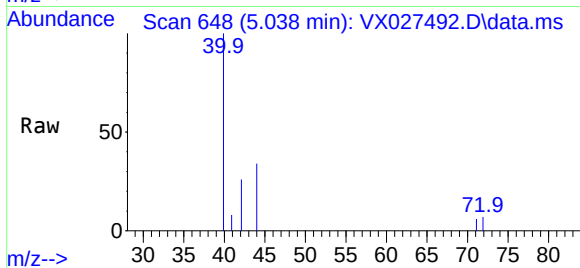
Tgt Ion: 42 Resp: 496

Ion Ratio Lower Upper

42 100

72 23.4 44.1 66.1#

71 8.9 40.5 60.7#



#31

Cyclohexane

Concen: 1.294 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX027492.D

Acq: 17 Mar 2022 17:17

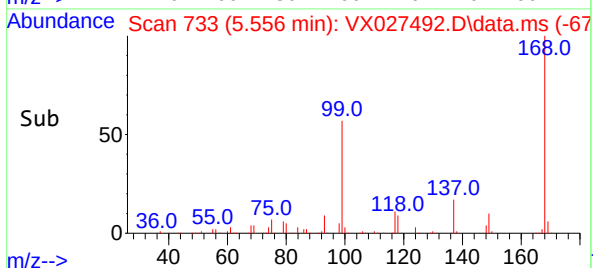
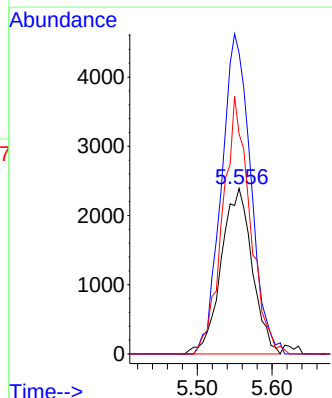
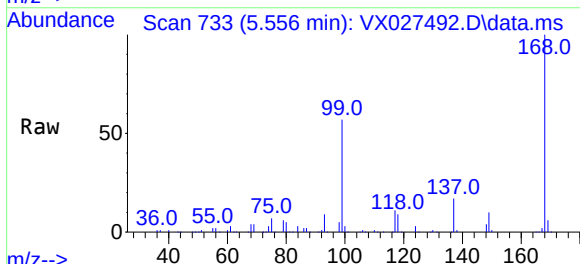
Tgt Ion: 56 Resp: 6888

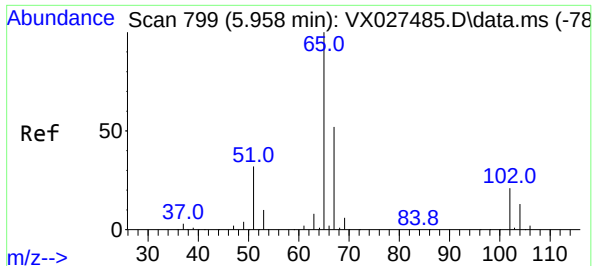
Ion Ratio Lower Upper

56 100

69 182.0 26.7 40.1#

84 133.0 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 50.237 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027492.D

Acq: 17 Mar 2022 17:17

Instrument :

MSVOA_X

ClientSampleId :

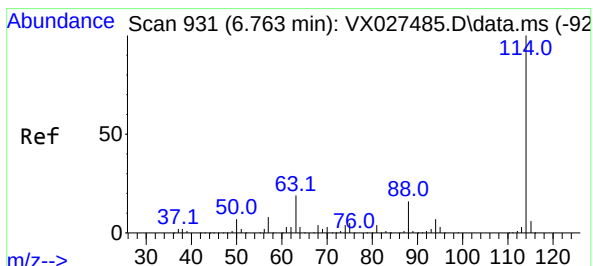
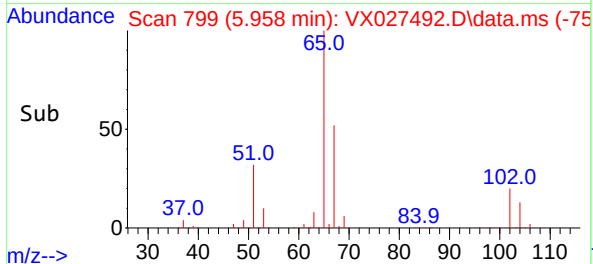
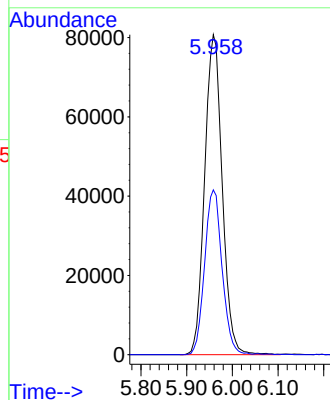
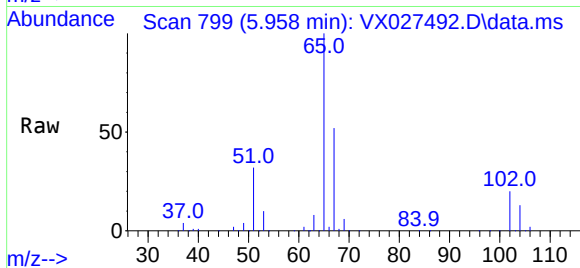
VX0317WBL01

Tgt Ion: 65 Resp: 215329

Ion Ratio Lower Upper

65 100

67 51.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027492.D

Acq: 17 Mar 2022 17:17

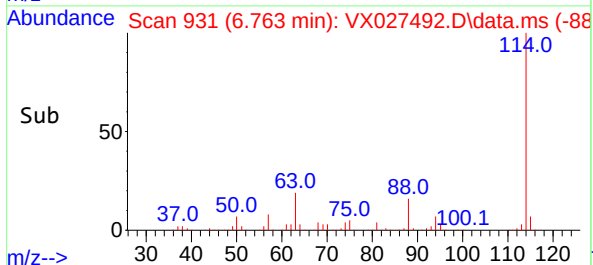
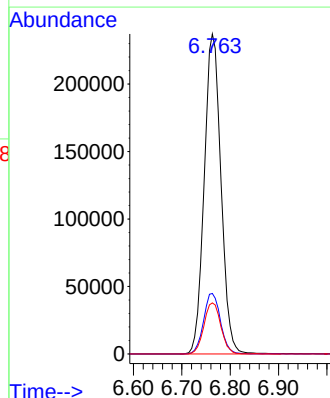
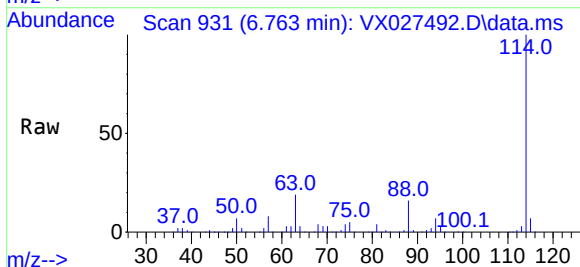
Tgt Ion:114 Resp: 570099

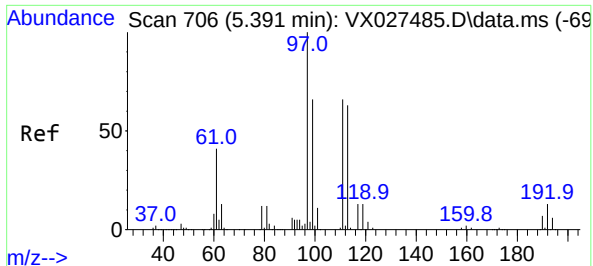
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

88 15.9 0.0 32.4

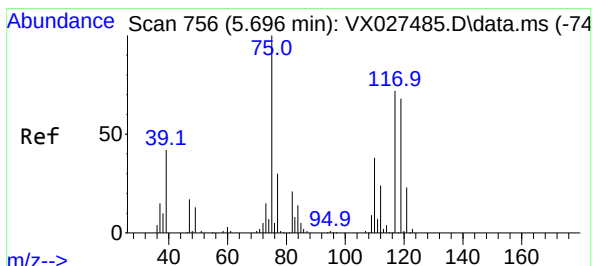
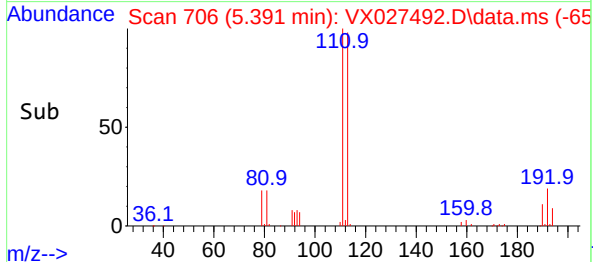
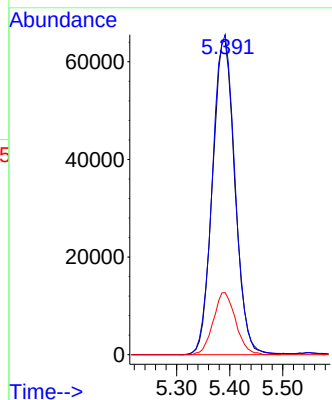
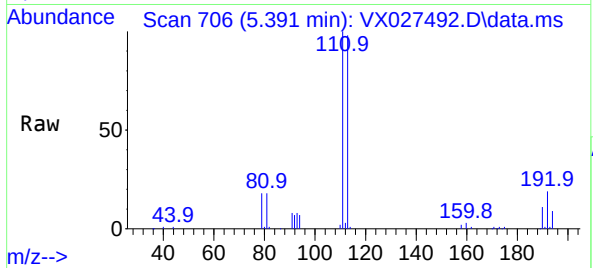




#35
Dibromofluoromethane
Concen: 51.617 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

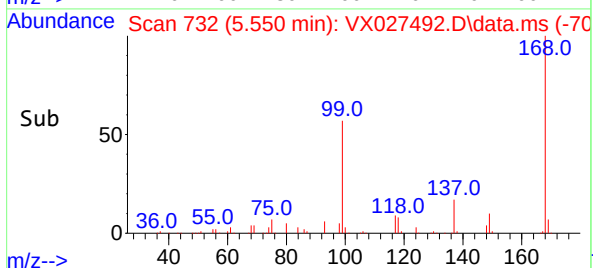
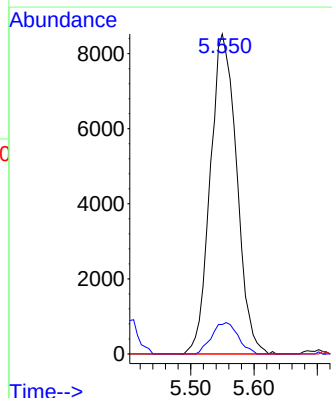
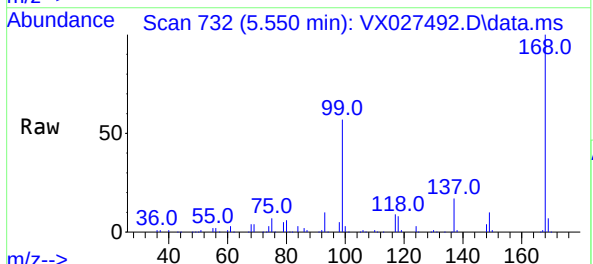
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

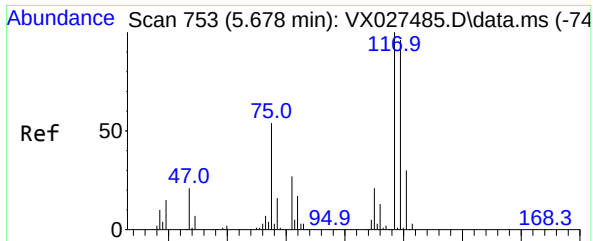
Tgt Ion:113 Resp: 189327
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.920 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

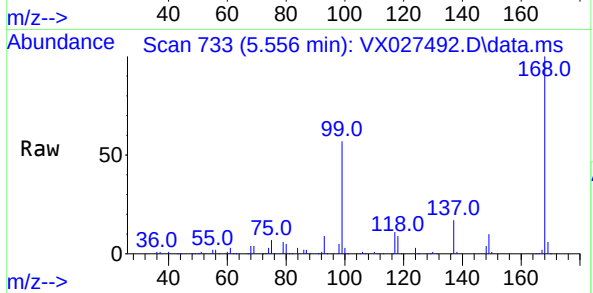
Tgt Ion: 75 Resp: 24661
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#



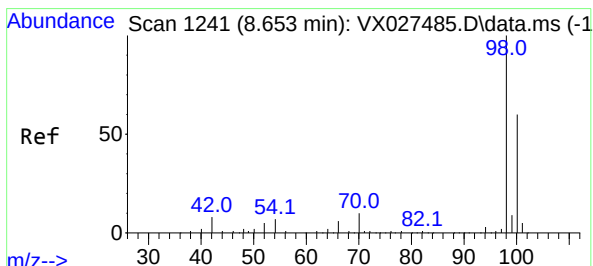
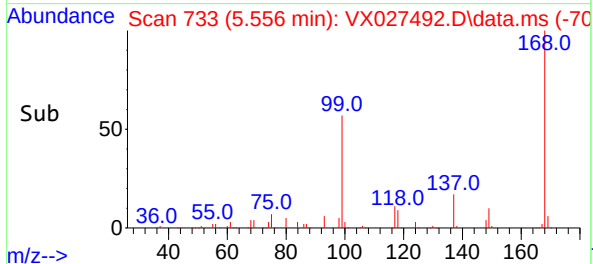
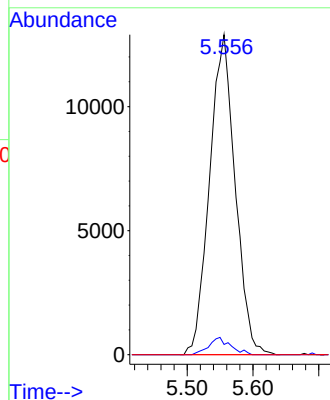


#38
Carbon Tetrachloride
Concen: 6.094 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

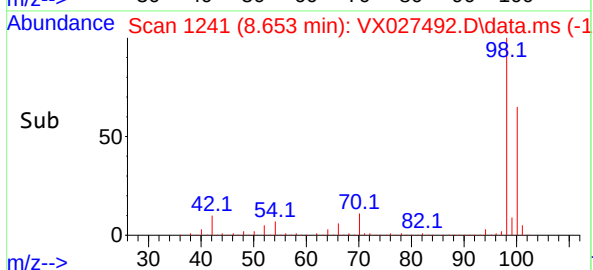
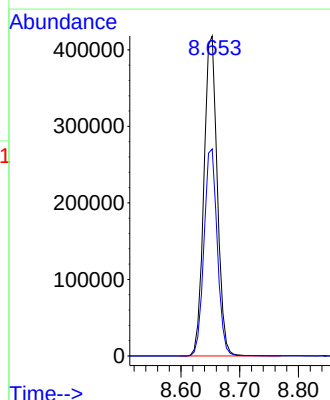
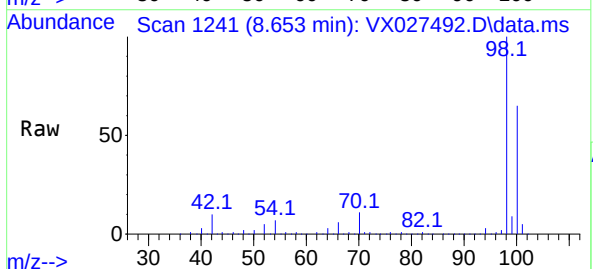


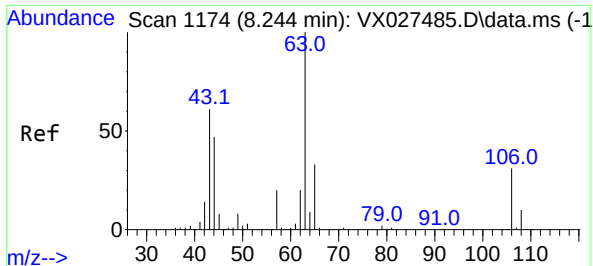
Tgt Ion:117 Resp: 34946
Ion Ratio Lower Upper
117 100
119 3.2 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.606 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

Tgt Ion: 98 Resp: 660755
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

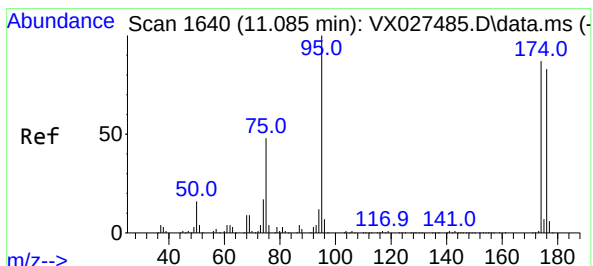
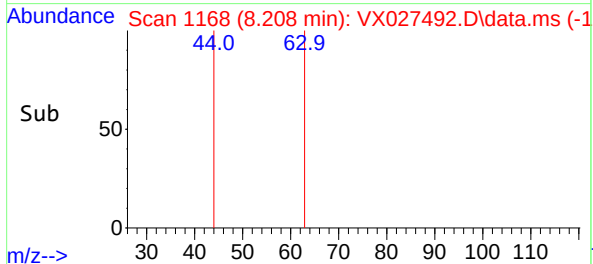
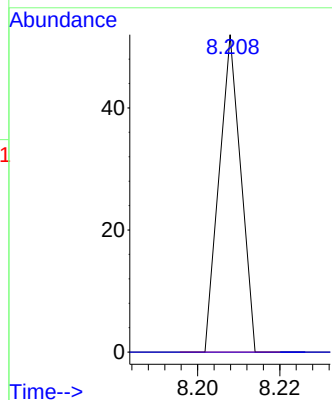
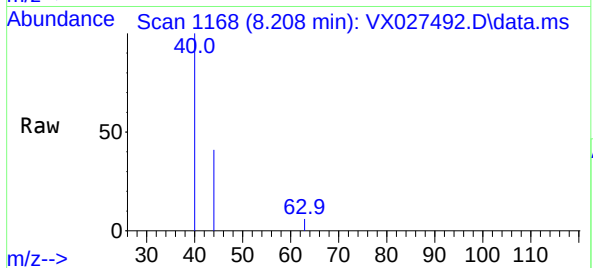




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.208 min Scan# 1168
Delta R.T. -0.036 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

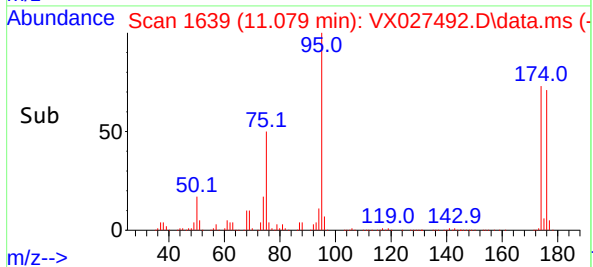
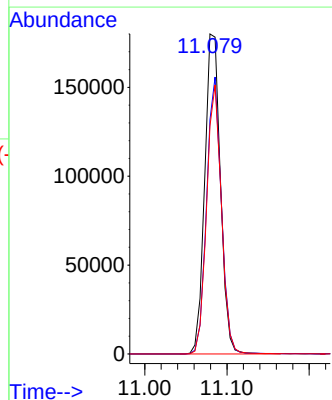
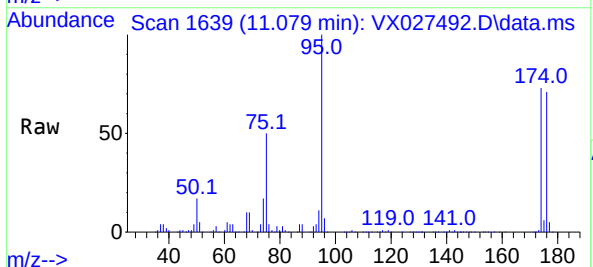
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

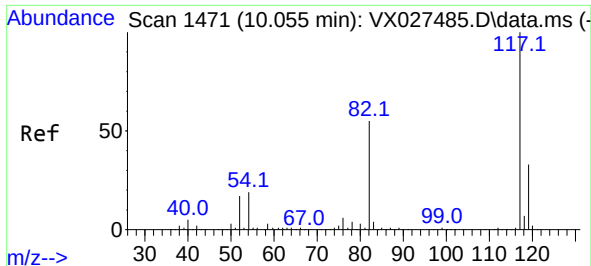
Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#62
4-Bromofluorobenzene
Concen: 46.837 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

Tgt Ion: 95 Resp: 238944
Ion Ratio Lower Upper
95 100
174 81.2 0.0 163.0
176 79.5 0.0 155.0

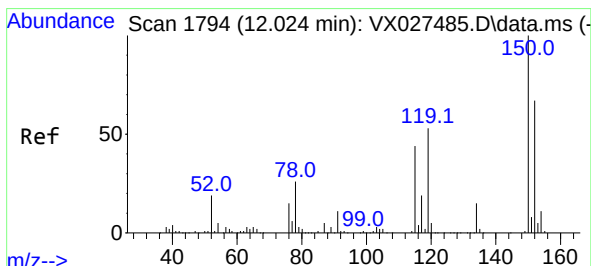
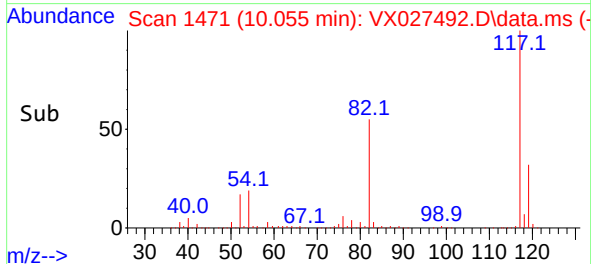
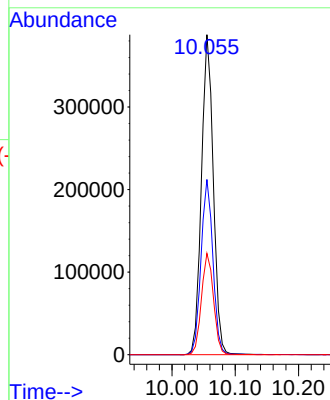
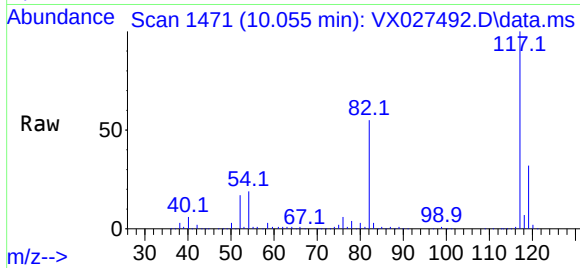




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

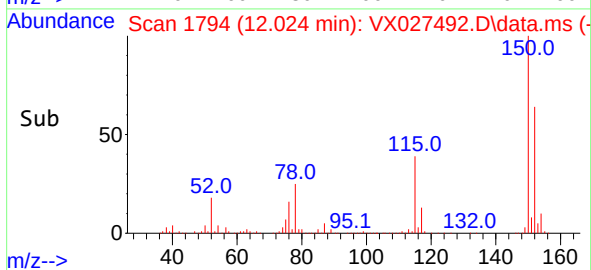
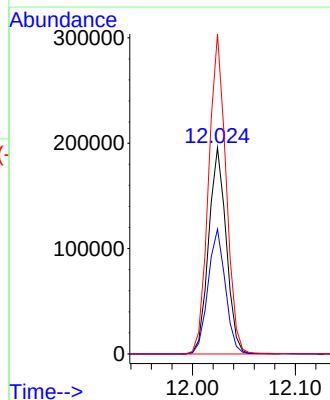
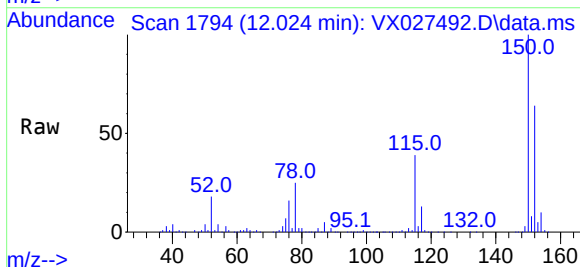
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

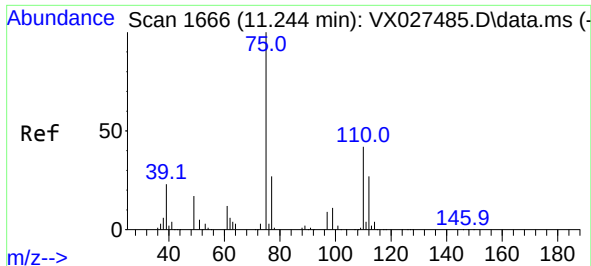
Tgt Ion:117 Resp: 507537
Ion Ratio Lower Upper
117 100
82 54.7 41.8 62.8
119 31.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

Tgt Ion:152 Resp: 232663
Ion Ratio Lower Upper
152 100
115 59.9 37.5 112.7
150 154.7 0.0 338.2

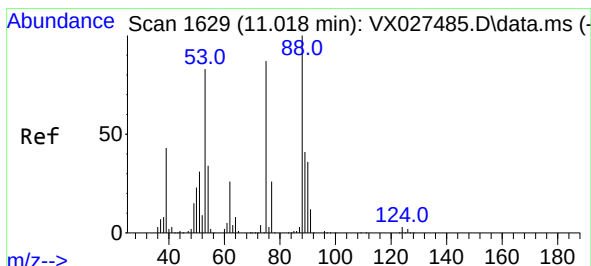
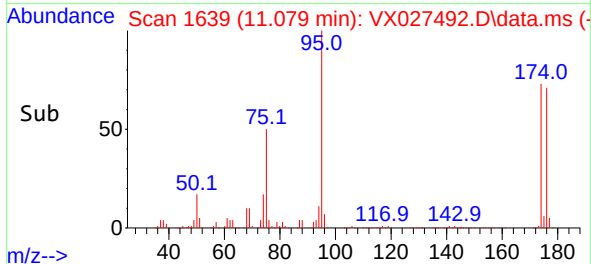
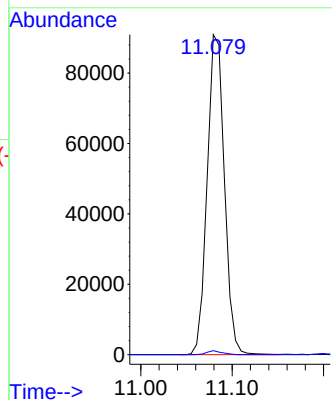
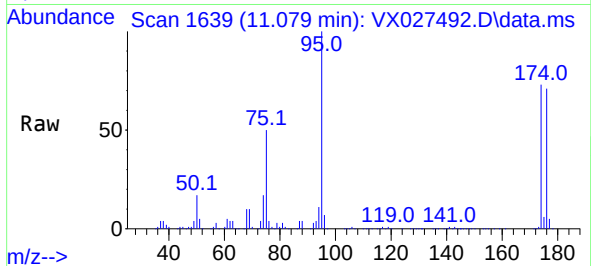




#76
1,2,3-Trichloropropane
Concen: 24.463 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

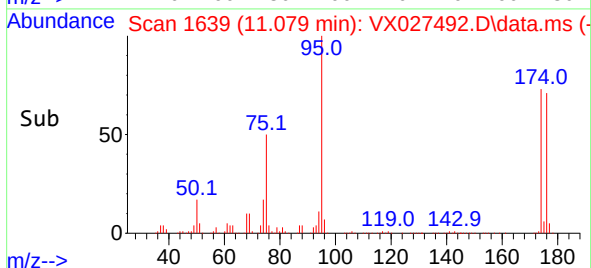
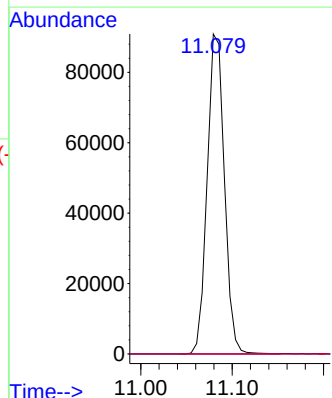
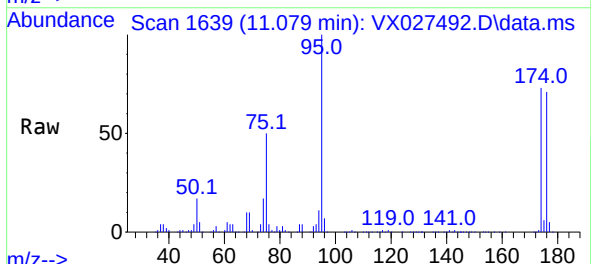
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

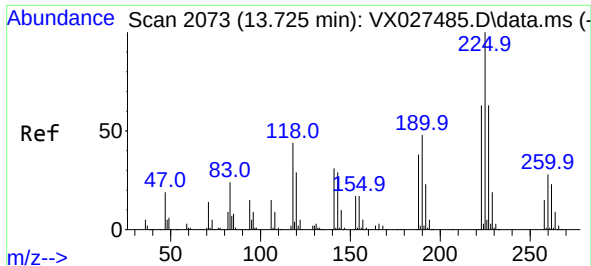
Tgt Ion: 75 Resp: 119052
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.296 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

Tgt Ion: 75 Resp: 119052
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
Hexachlorobutadiene
Concen: 0.326 ug/l
RT: 13.725 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX027492.D
Acq: 17 Mar 2022 17:17

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

Tgt Ion:225 Resp: 713
Ion Ratio Lower Upper
225 100
223 71.7 34.2 102.5
227 65.2 33.9 101.7

