

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032732.D
 Acq On : 10 Nov 2022 16:43
 Operator : JC/MD
 Sample : N5558-01 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20221109

Quant Time: Nov 11 00:37:21 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)

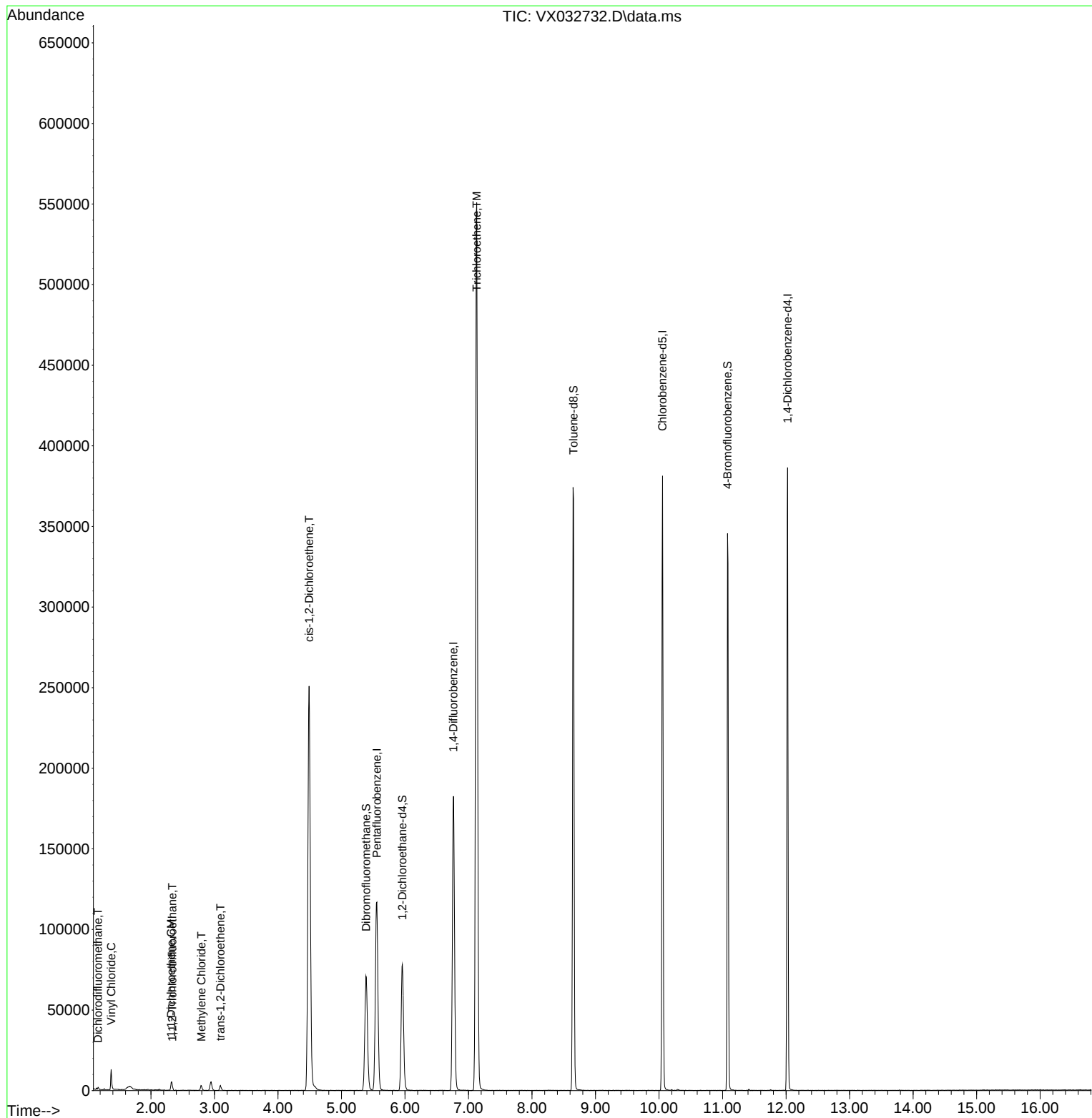
Internal Standards						
1) Pentafluorobenzene	5.556	168	111529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79447	51.267	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.540%	
35) Dibromofluoromethane	5.385	113	60354	45.747	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.500%	
50) Toluene-d8	8.653	98	224598	48.959	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	11.079	95	87110	48.611	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.220%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	907	0.705	ug/l	97
4) Vinyl Chloride	1.374	62	8165	6.820	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	1141	0.953	ug/l	95
12) 1,1-Dichloroethene	2.319	96	1051	0.940	ug/l	93
20) Methylene Chloride	2.794	84	1474	1.141	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	1231	1.011	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	154775	109.983	ug/l	90
44) Trichloroethene	7.129	130	209372	143.059	ug/l	99

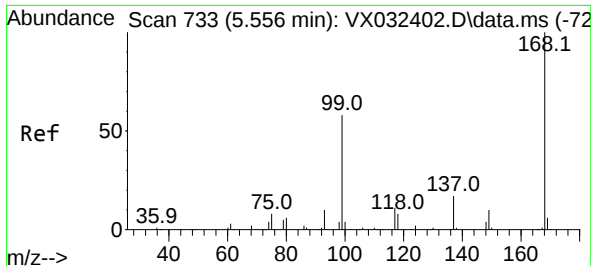
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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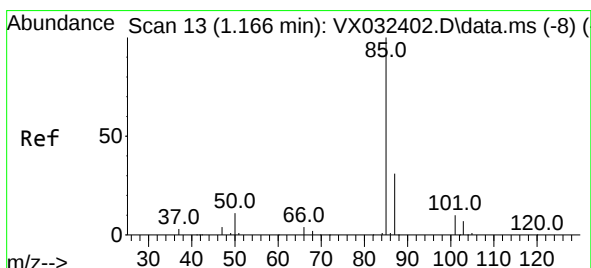
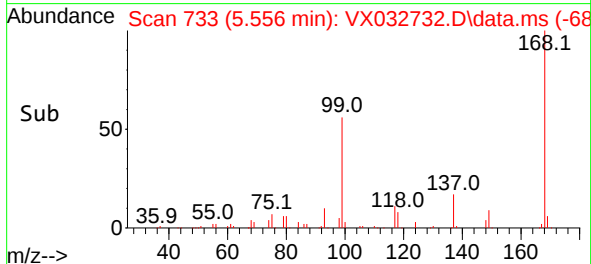
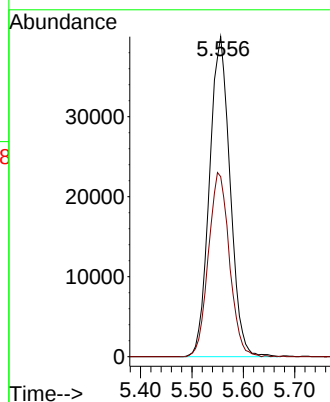
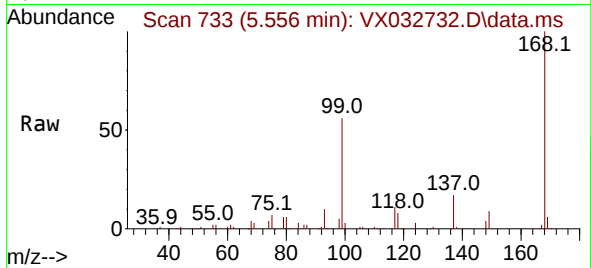




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

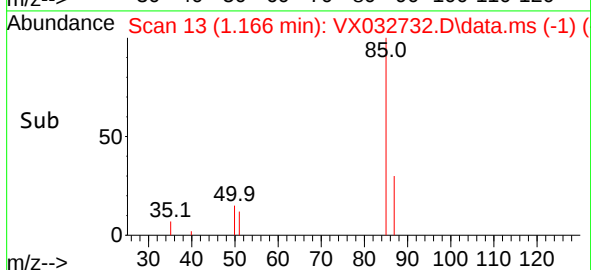
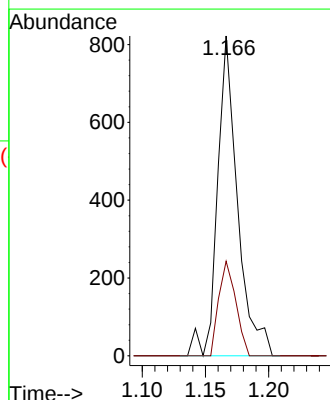
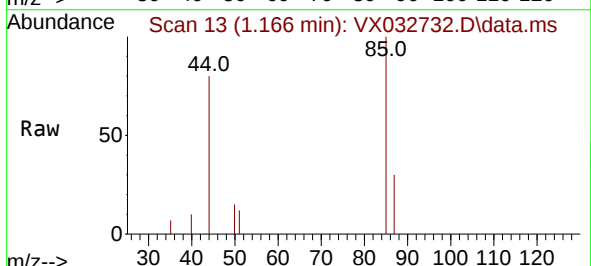
Instrument :
MSVOA_X
ClientSampleId :
15BR-20221109

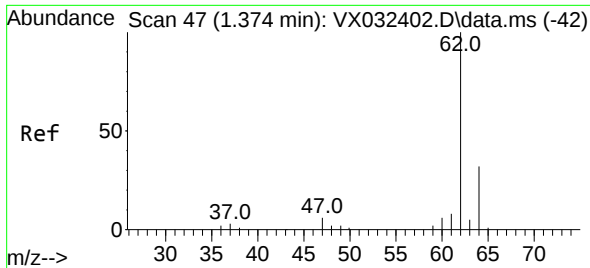
Tgt Ion:168 Resp: 111529
Ion Ratio Lower Upper
168 100
99 56.2 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 0.705 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

Tgt Ion: 85 Resp: 907
Ion Ratio Lower Upper
85 100
87 29.6 15.6 46.7

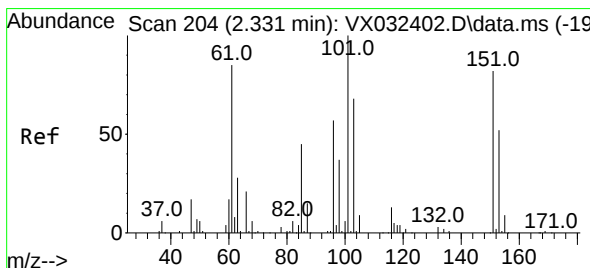
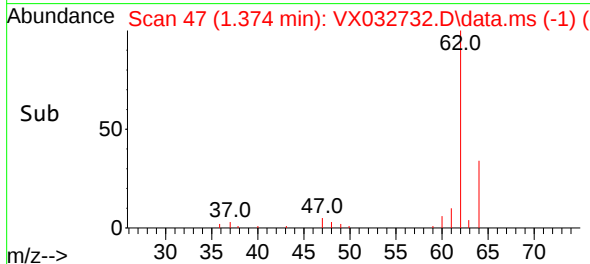
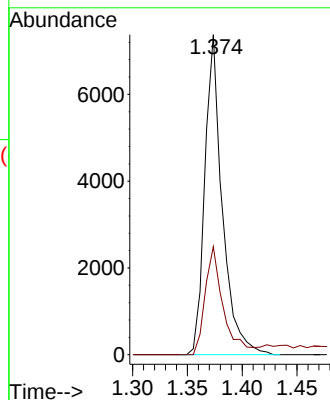
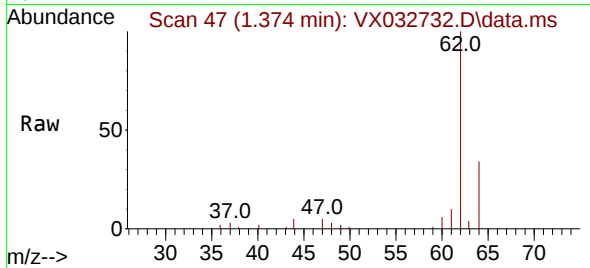




#4
 Vinyl Chloride
 Concen: 6.820 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032732.D
 Acq: 10 Nov 2022 16:43

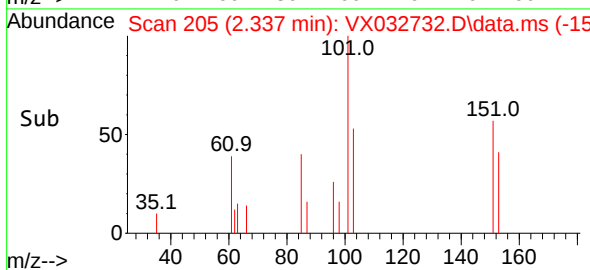
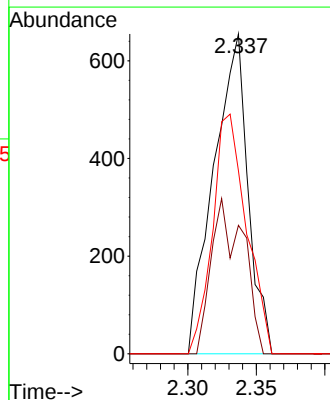
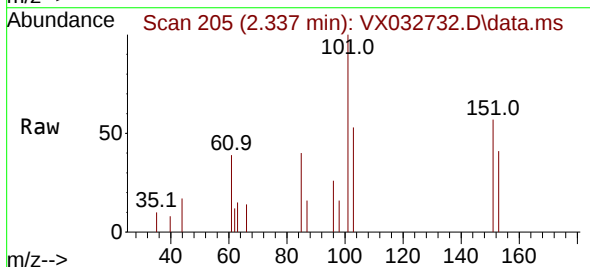
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20221109

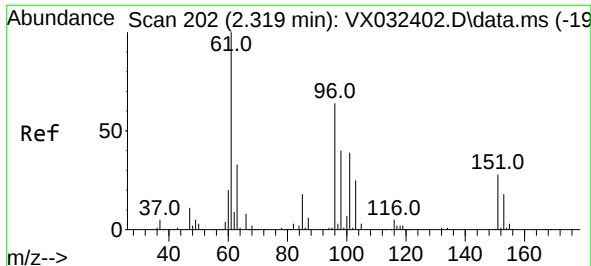
Tgt Ion: 62 Resp: 8165
 Ion Ratio Lower Upper
 62 100
 64 33.7 25.8 38.6



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.953 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. 0.006 min
 Lab File: VX032732.D
 Acq: 10 Nov 2022 16:43

Tgt Ion: 101 Resp: 1141
 Ion Ratio Lower Upper
 101 100
 85 45.5 37.0 55.4
 151 74.1 64.4 96.6

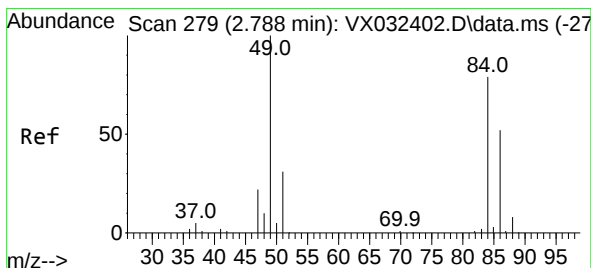
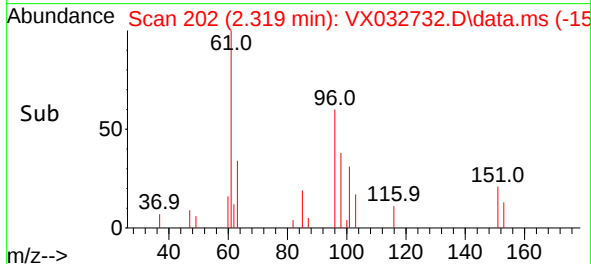
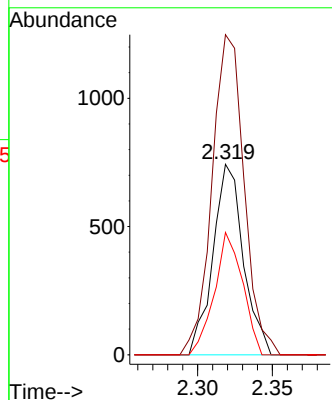
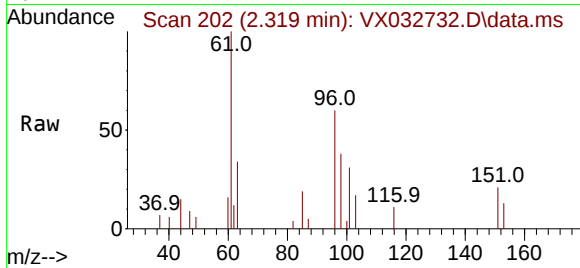




#12
 1,1-Dichloroethene
 Concen: 0.940 ug/l
 RT: 2.319 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX032732.D
 Acq: 10 Nov 2022 16:43

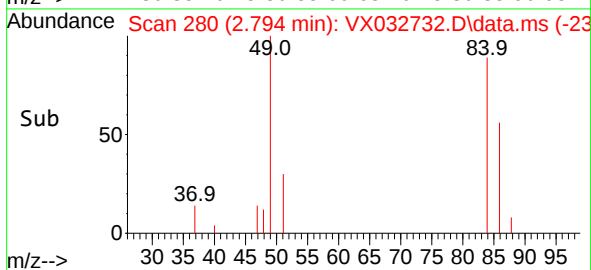
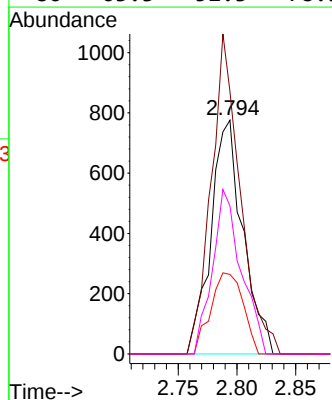
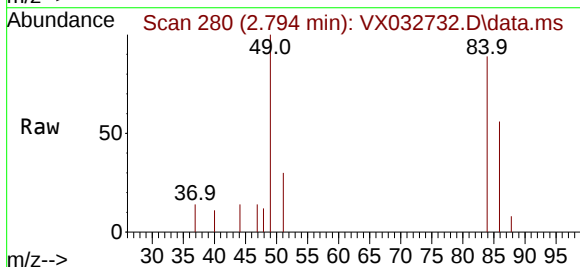
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20221109

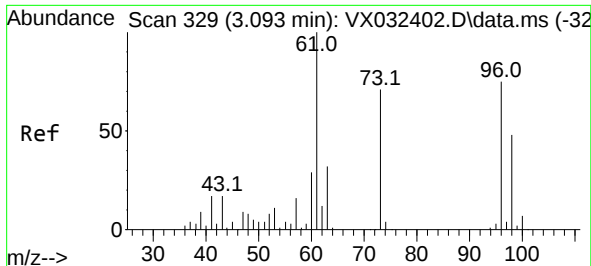
Tgt Ion: 96 Resp: 1051
 Ion Ratio Lower Upper
 96 100
 61 168.0 125.1 187.7
 98 64.2 50.6 76.0



#20
 Methylene Chloride
 Concen: 1.141 ug/l
 RT: 2.794 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VX032732.D
 Acq: 10 Nov 2022 16:43

Tgt Ion: 84 Resp: 1474
 Ion Ratio Lower Upper
 84 100
 49 112.2 101.0 151.6
 51 34.0 31.1 46.7
 86 63.3 52.3 78.5

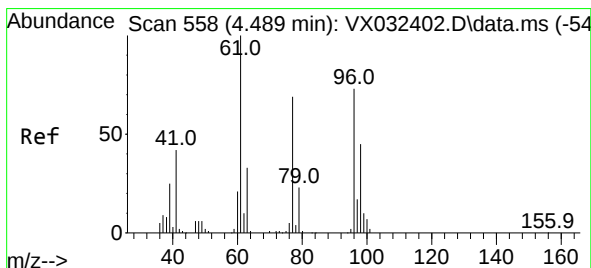
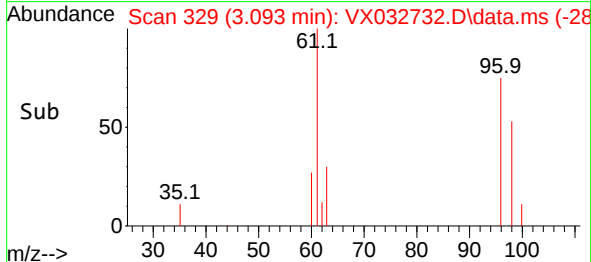
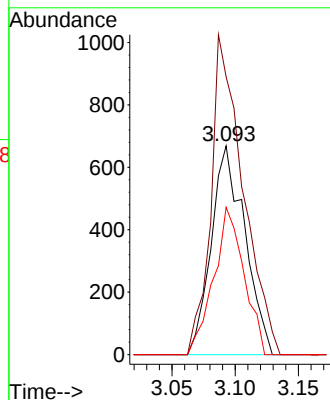
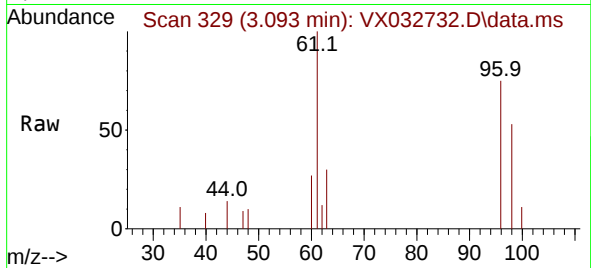




#21
trans-1,2-Dichloroethene
Concen: 1.011 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

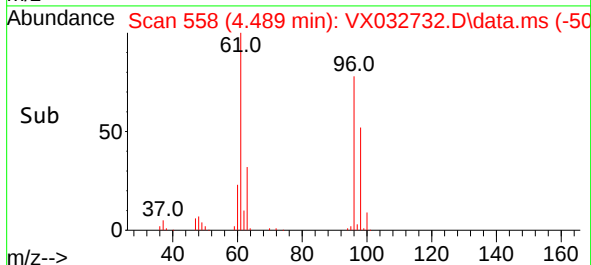
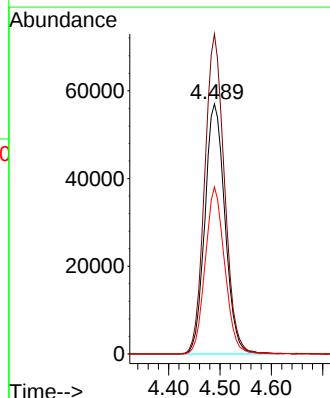
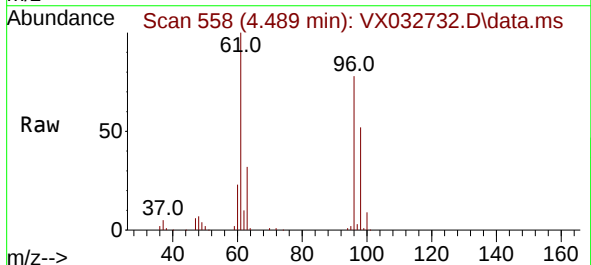
Instrument :
MSVOA_X
ClientSampleId :
15BR-20221109

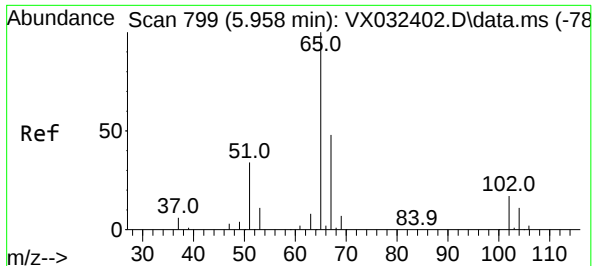
Tgt Ion: 96 Resp: 1231
Ion Ratio Lower Upper
96 100
61 133.0 106.6 160.0
98 70.6 51.0 76.6



#27
cis-1,2-Dichloroethene
Concen: 109.983 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

Tgt Ion: 96 Resp: 154775
Ion Ratio Lower Upper
96 100
61 125.6 0.0 286.0
98 64.6 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 51.267 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032732.D

Acq: 10 Nov 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

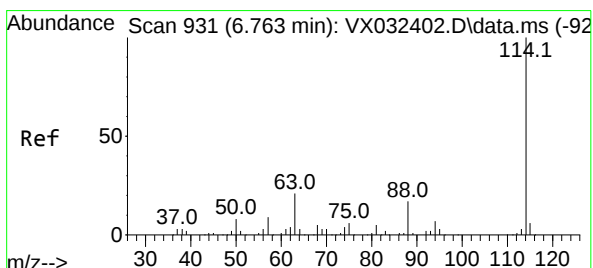
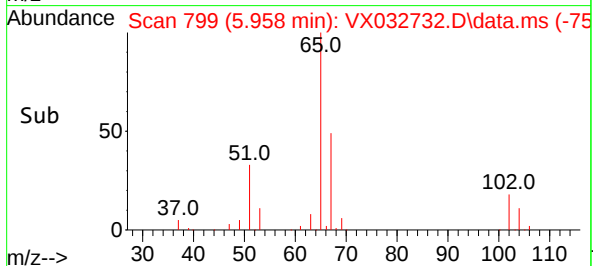
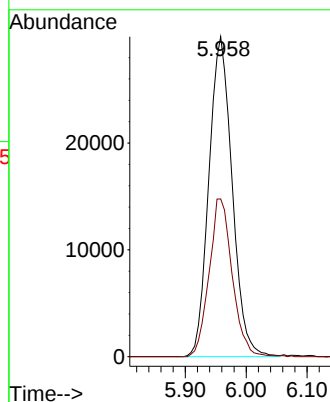
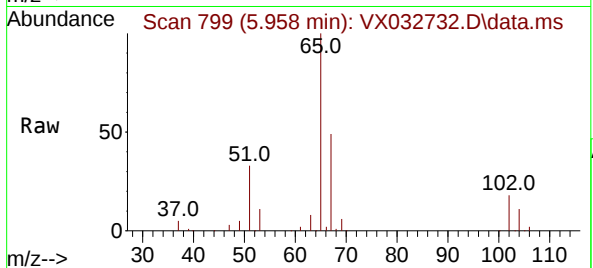
15BR-20221109

Tgt Ion: 65 Resp: 79447

Ion Ratio Lower Upper

65 100

67 49.1 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: VX032732.D

Acq: 10 Nov 2022 16:43

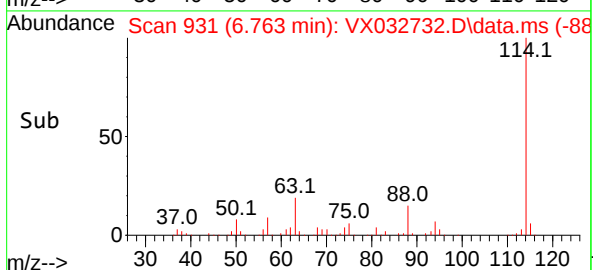
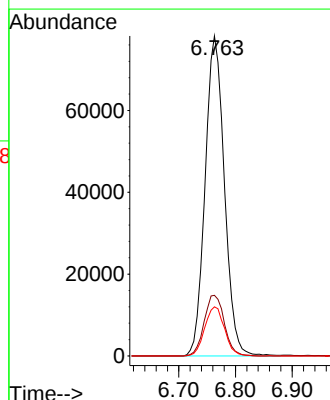
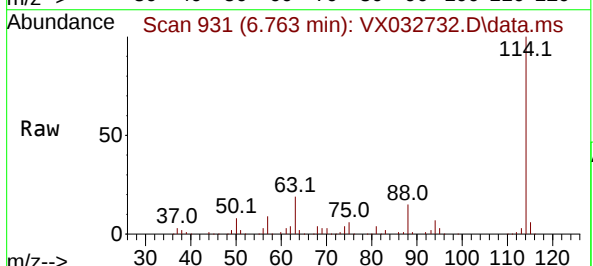
Tgt Ion: 114 Resp: 184954

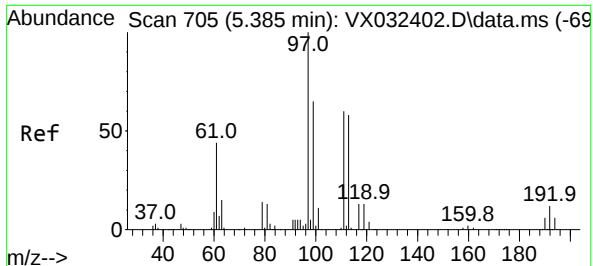
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.6

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.747 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032732.D

Acq: 10 Nov 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

15BR-20221109

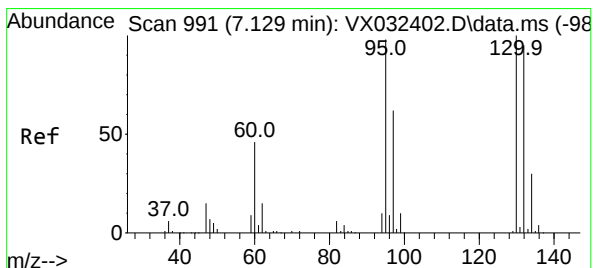
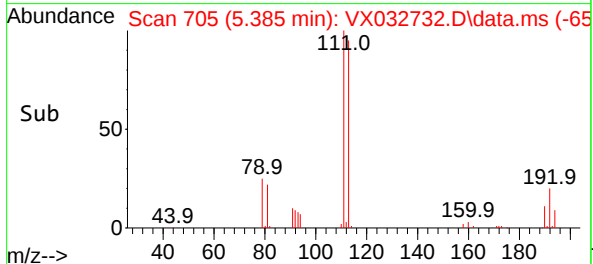
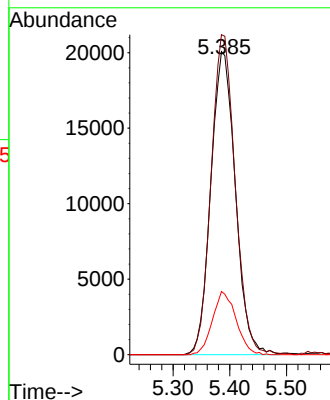
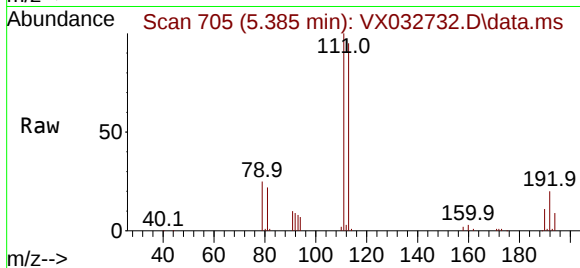
Tgt Ion:113 Resp: 60354

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

192 20.1 15.4 23.2



#44

Trichloroethene

Concen: 143.059 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX032732.D

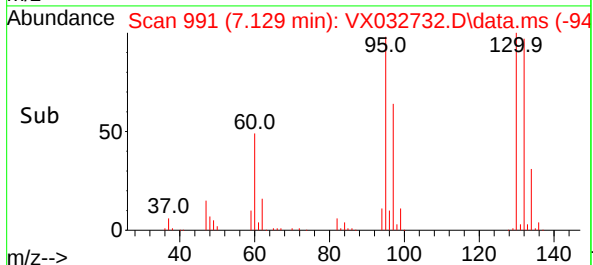
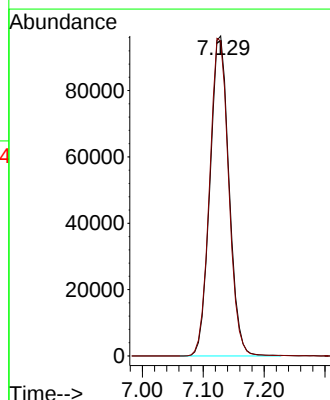
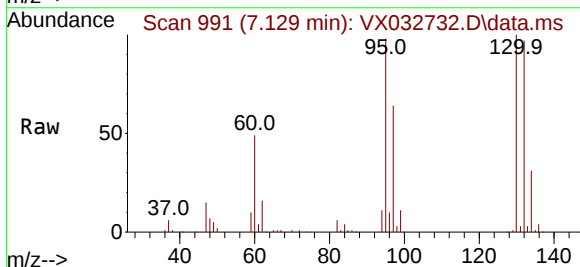
Acq: 10 Nov 2022 16:43

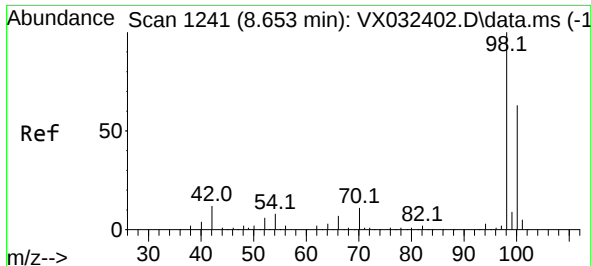
Tgt Ion:130 Resp: 209372

Ion Ratio Lower Upper

130 100

95 98.4 0.0 195.2

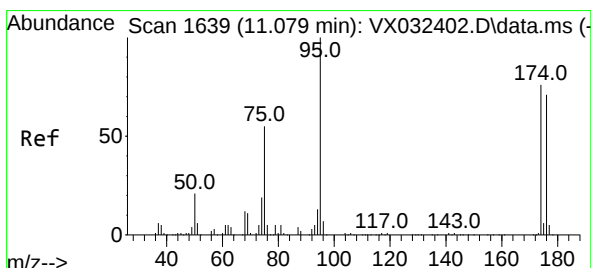
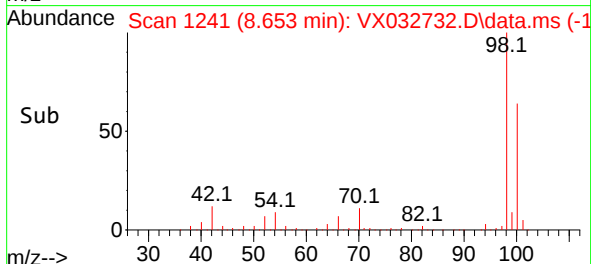
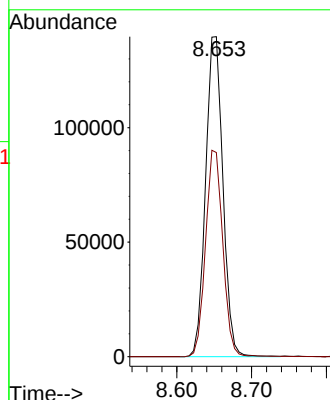
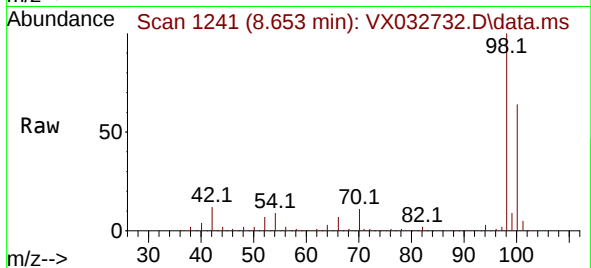




#50
Toluene-d8
Concen: 48.959 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

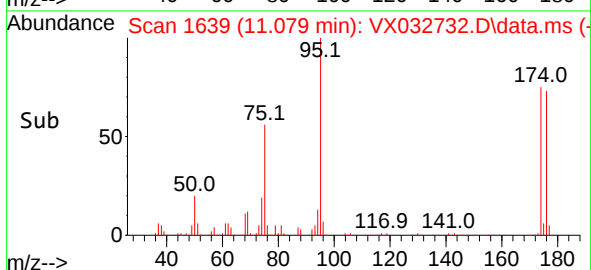
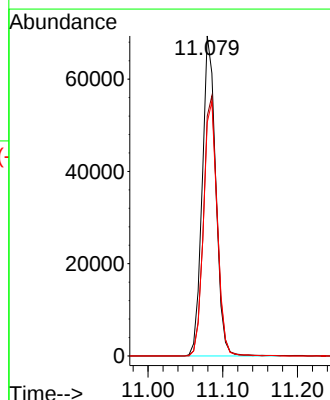
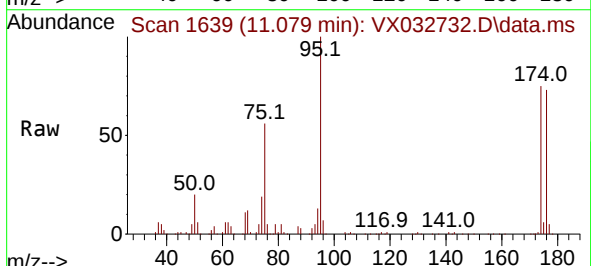
Instrument :
MSVOA_X
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15BR-20221109

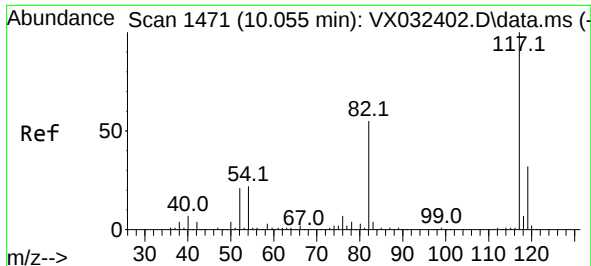
Tgt Ion: 98 Resp: 224598
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.611 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

Tgt Ion: 95 Resp: 87110
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.0
176 80.6 0.0 154.4

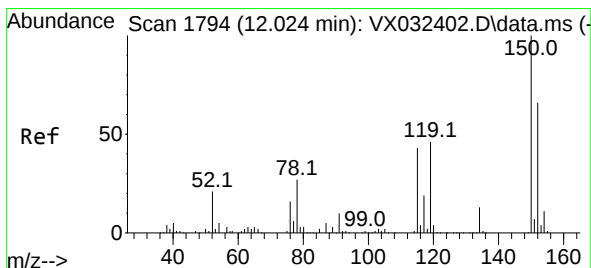
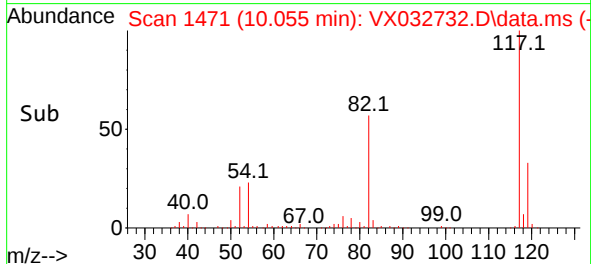
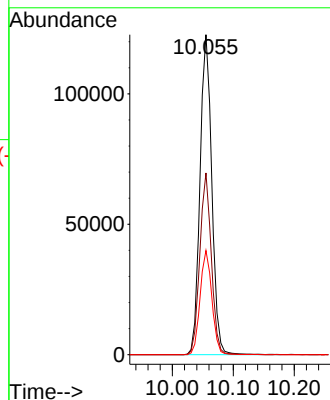
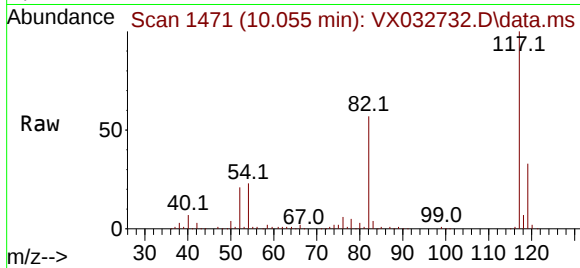




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
15BR-20221109

Tgt Ion:117 Resp: 164729
Ion Ratio Lower Upper
117 100
82 56.8 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# 1794
Delta R.T. -0.000 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

Tgt Ion:152 Resp: 77522
Ion Ratio Lower Upper
152 100
115 60.8 44.0 132.0
150 158.0 0.0 351.8

