

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

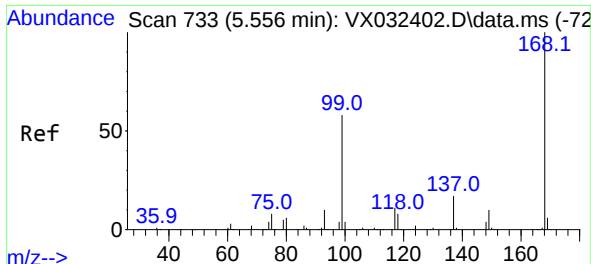
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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
6) Chloroethane	1.685	64	339	0.422	ug/l #	42
9) 1,1,2-Trichlorotrifluo...	2.337	101	1141	0.953	ug/l	95
11) Tert butyl alcohol	2.940	59	3084	13.673	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	1051	0.940	ug/l	93
16) Acetone	2.386	43	147	0.261	ug/l #	45
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
31) Cyclohexane	5.556	56	2434	1.295	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	8798	4.789	ug/l #	49
38) Carbon Tetrachloride	5.556	117	11960	5.869	ug/l #	14
39) Methylcyclohexane	7.129	83	2471	1.137	ug/l #	1
44) Trichloroethene	7.129	130	209372	143.059	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	945	0.511	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48038	27.853	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48038	88.630	ug/l #	6

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

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

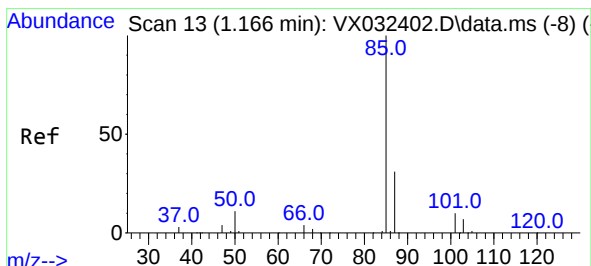
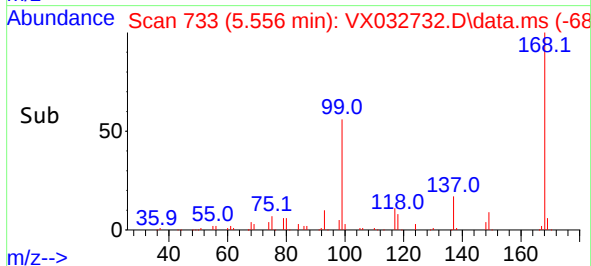
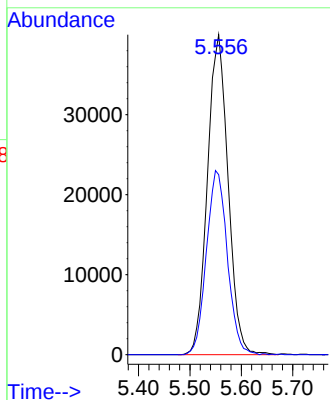
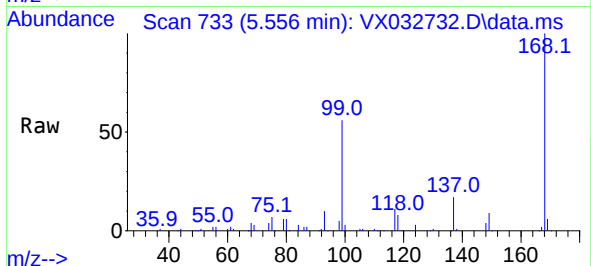




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

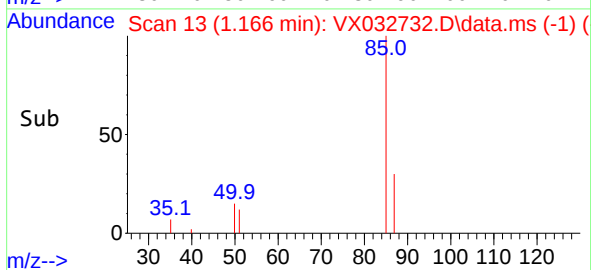
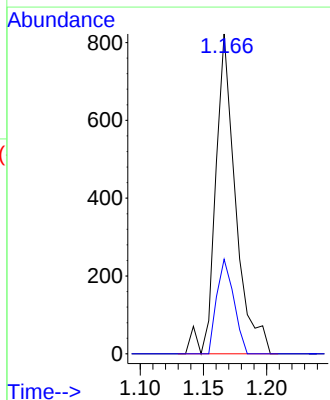
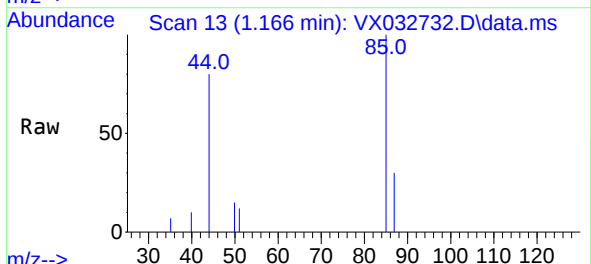
Instrument :
MSVOA_X
ClientSampleId :
15BR-20221109

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

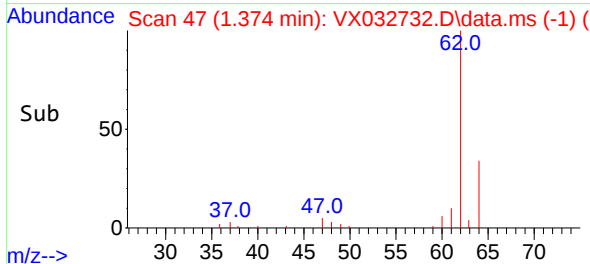
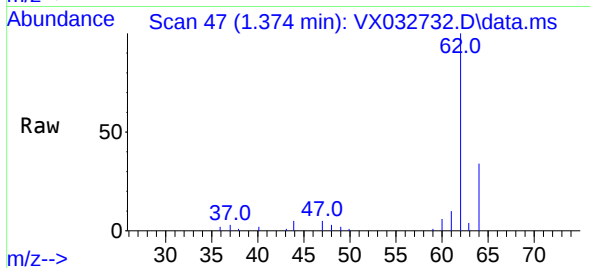
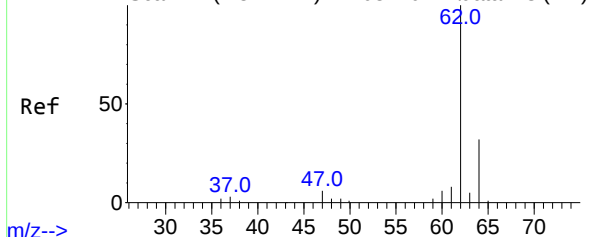


#2
Dichlorodifluoromethane
Concen: 0.705 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

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



Abundance Scan 47 (1.374 min): VX032402.D\data.ms (-42)



#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 :

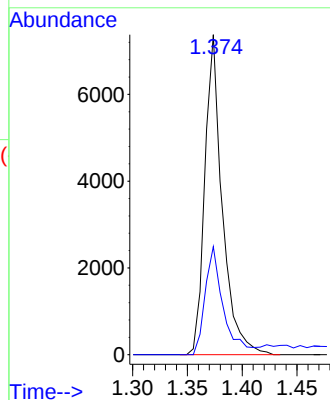
15BR-20221109

Tgt Ion: 62 Resp: 8165

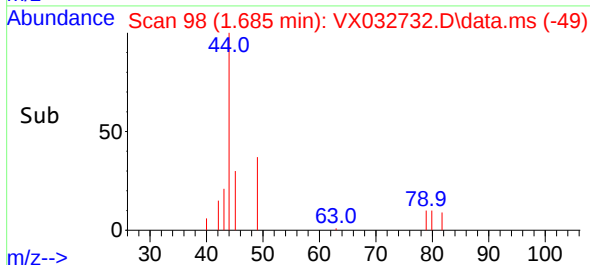
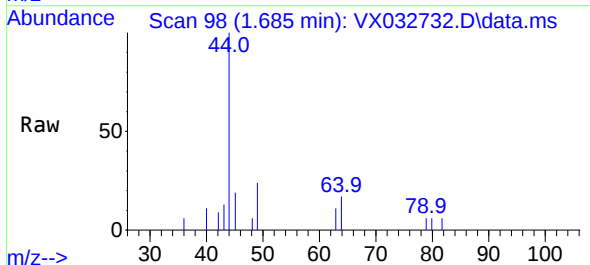
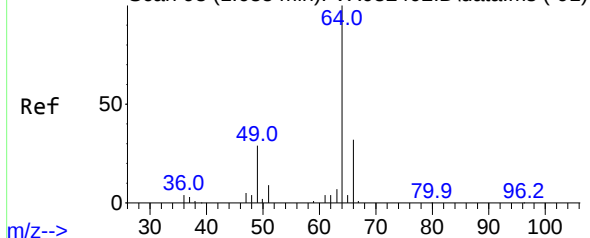
Ion Ratio Lower Upper

62 100

64 33.7 25.8 38.6



Abundance Scan 98 (1.685 min): VX032402.D\data.ms (-91)



#6

Chloroethane

Concen: 0.422 ug/l

RT: 1.685 min Scan# 98

Delta R.T. -0.000 min

Lab File: VX032732.D

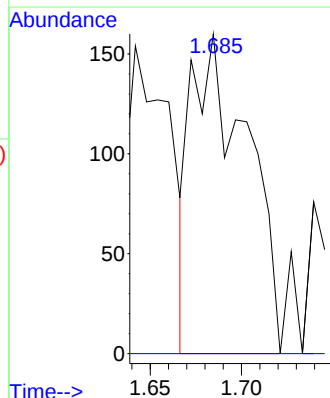
Acq: 10 Nov 2022 16:43

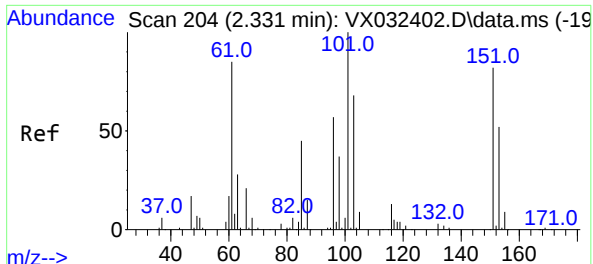
Tgt Ion: 64 Resp: 339

Ion Ratio Lower Upper

64 100

66 0.0 26.0 39.0#

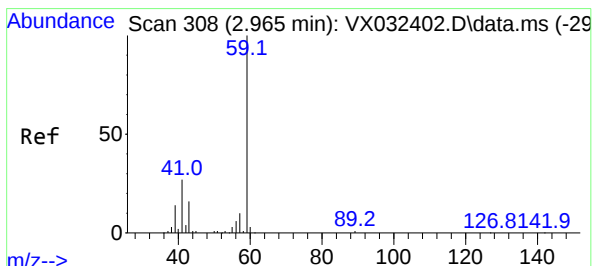
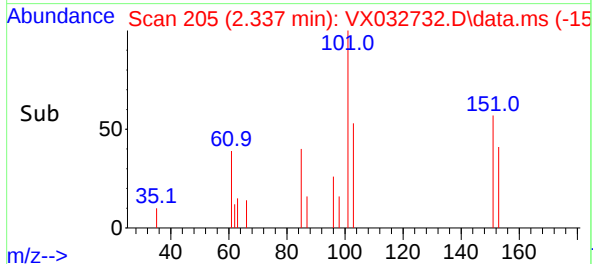
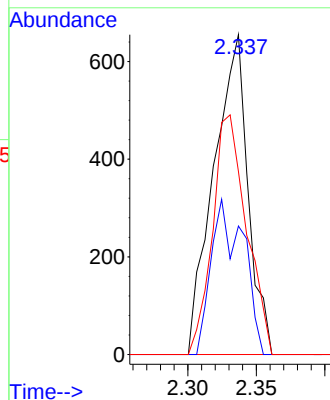
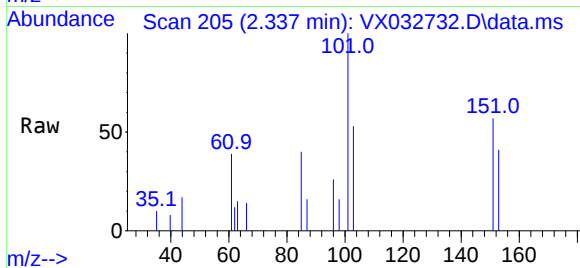




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.953 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

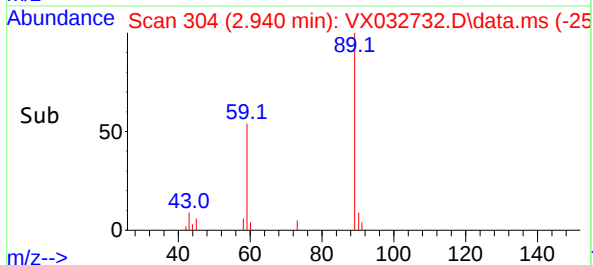
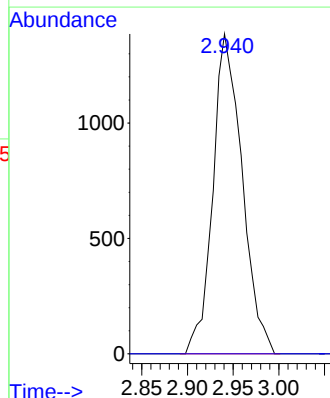
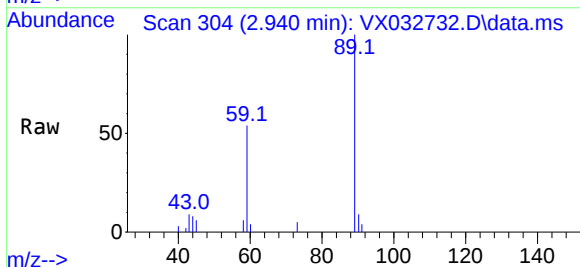
Instrument :
MSVOA_X
ClientSampleId :
15BR-20221109

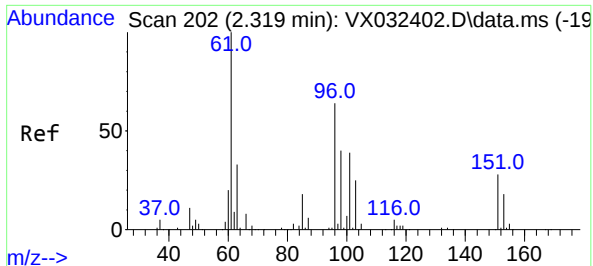
Tgt Ion:101 Resp: 1141
Ion Ratio Lower Upper
101 100
85 45.5 37.0 55.4
151 74.1 64.4 96.6



#11
Tert butyl alcohol
Concen: 13.673 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

Tgt Ion: 59 Resp: 3084
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

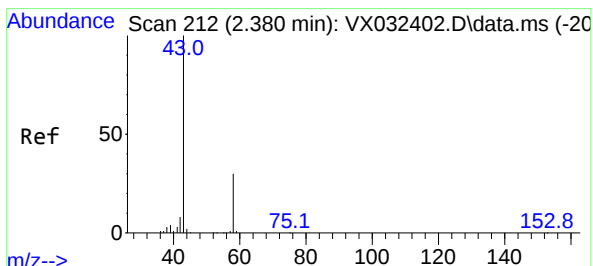
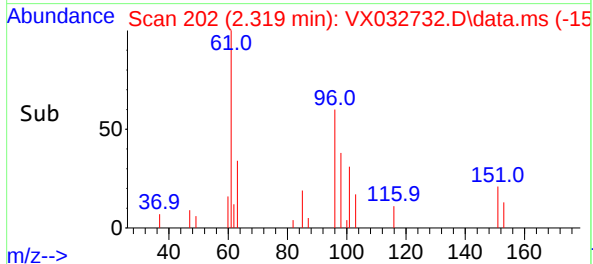
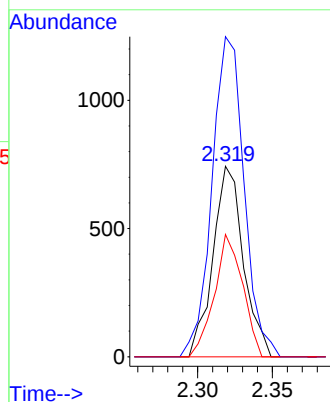
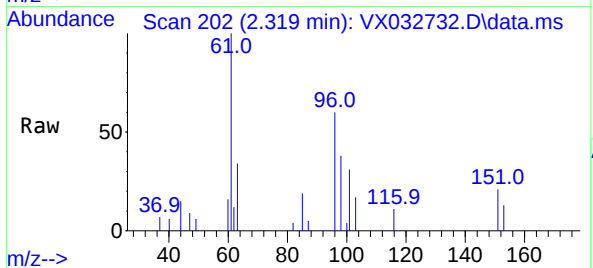




#12
1,1-Dichloroethene
Concen: 0.940 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

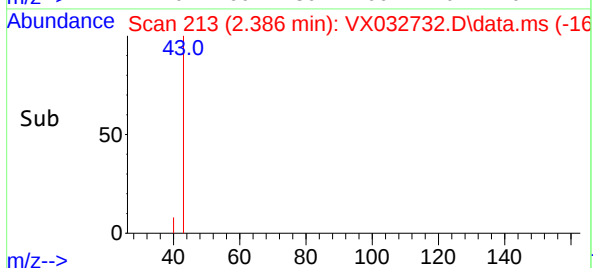
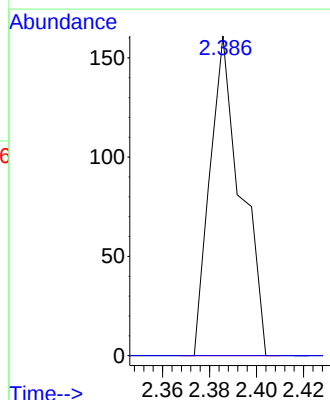
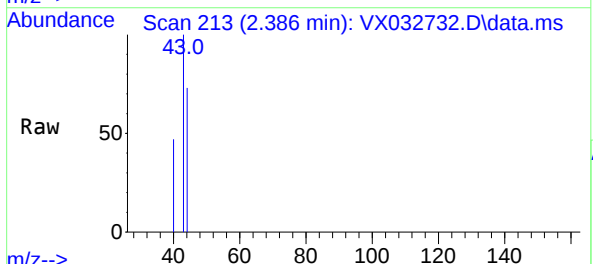
Instrument :
MSVOA_X
ClientSampleId :
15BR-20221109

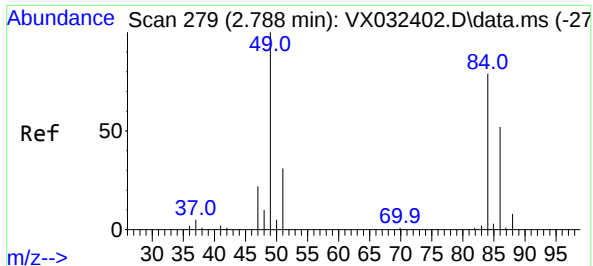
Tgt Ion: 96 Resp: 1051
Ion Ratio Lower Upper
96 100
61 168.0 125.1 187.7
98 64.2 50.6 76.0



#16
Acetone
Concen: 0.261 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

Tgt Ion: 43 Resp: 147
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



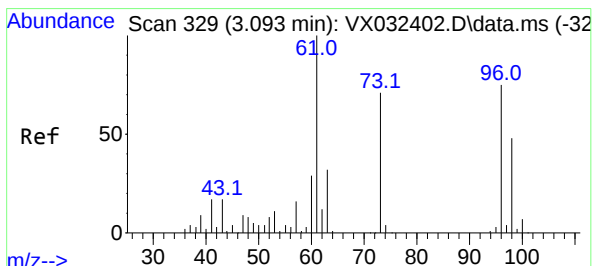
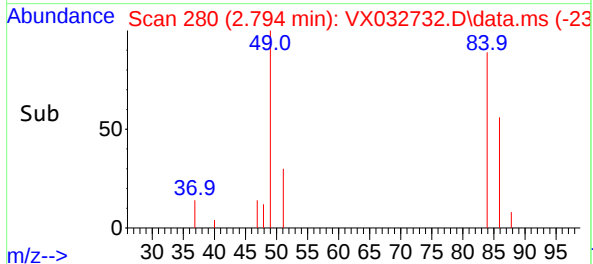
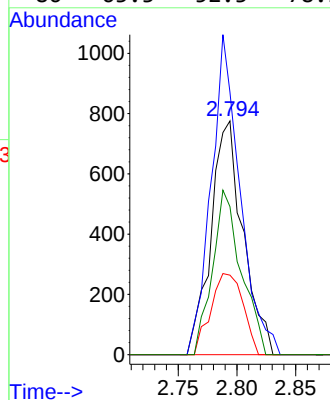
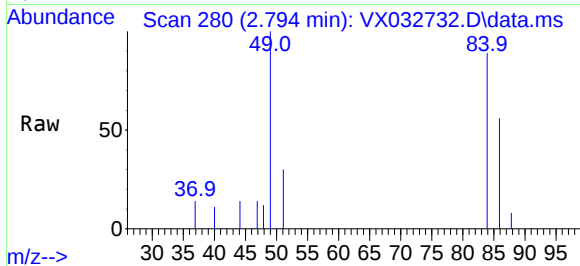


#20
Methylene Chloride
Concen: 1.141 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
15BR-20221109

Tgt Ion: 84 Resp: 1474

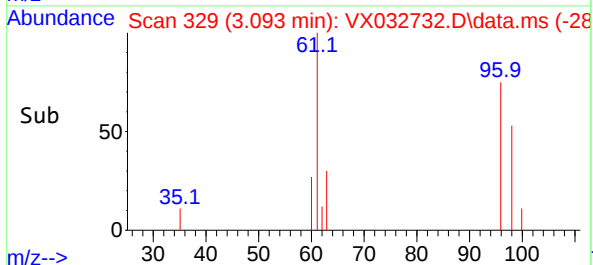
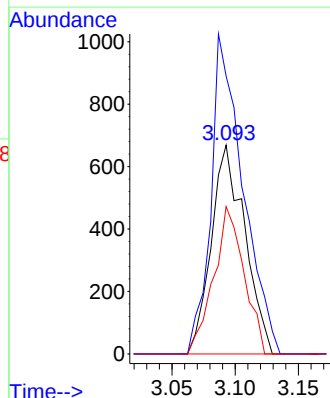
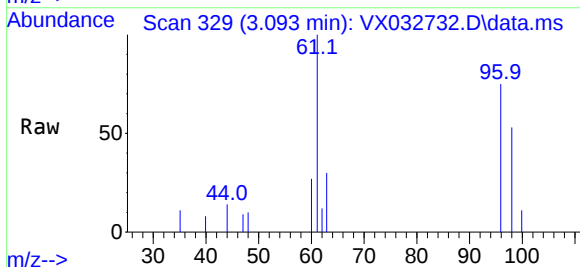
Ion	Ratio	Lower	Upper
84	100		
49	112.2	101.0	151.6
51	34.0	31.1	46.7
86	63.3	52.3	78.5

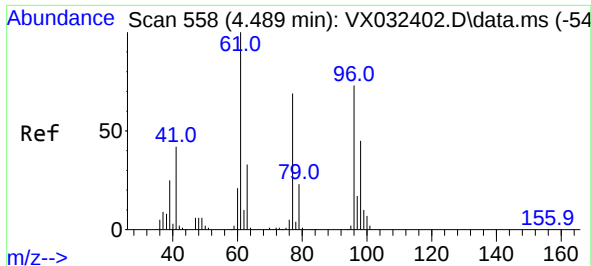


#21
trans-1,2-Dichloroethene
Concen: 1.011 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

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# 51

Delta R.T. -0.000 min

Lab File: VX032732.D

Acq: 10 Nov 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

15BR-20221109

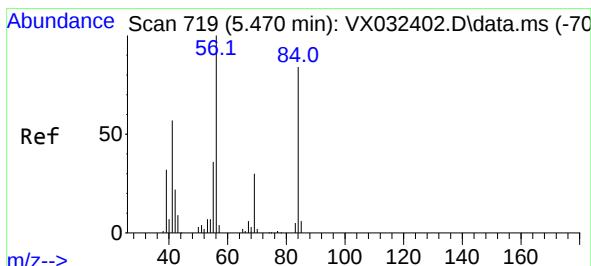
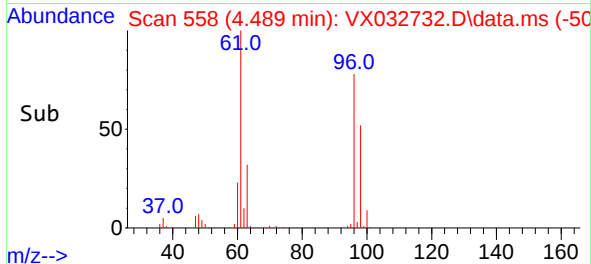
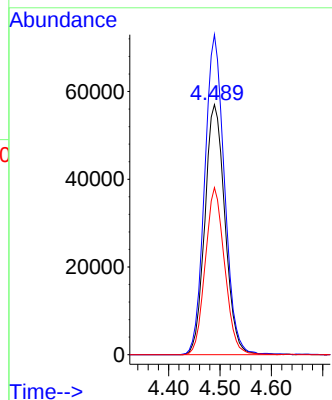
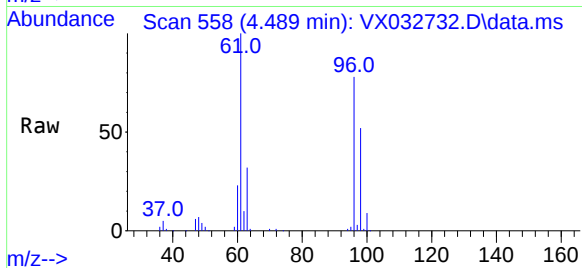
Tgt Ion: 96 Resp: 154775

Ion Ratio Lower Upper

96 100

61 125.6 0.0 286.0

98 64.6 0.0 129.6



#31

Cyclohexane

Concen: 1.295 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX032732.D

Acq: 10 Nov 2022 16:43

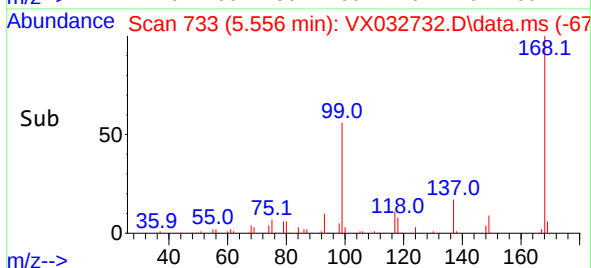
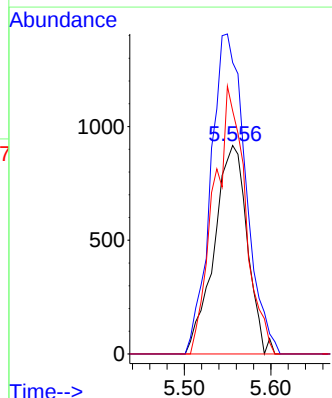
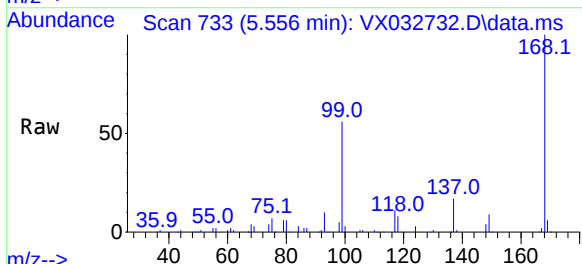
Tgt Ion: 56 Resp: 2434

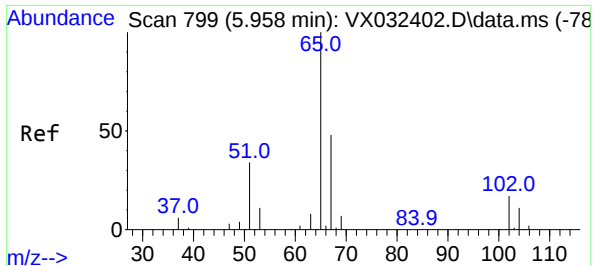
Ion Ratio Lower Upper

56 100

69 139.7 24.1 36.1#

84 116.6 66.9 100.3#





#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 :

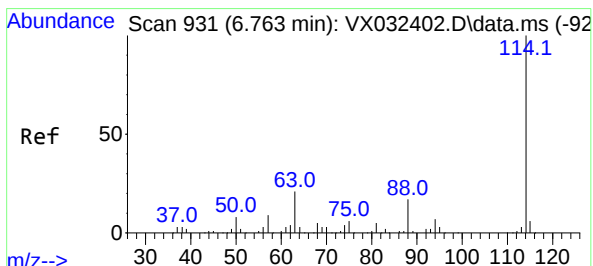
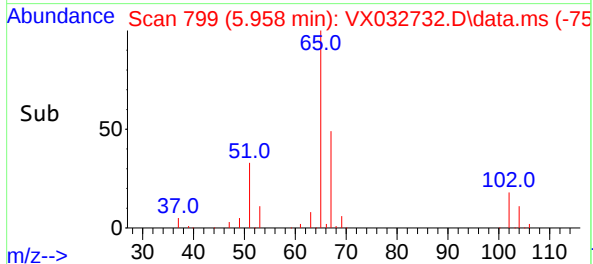
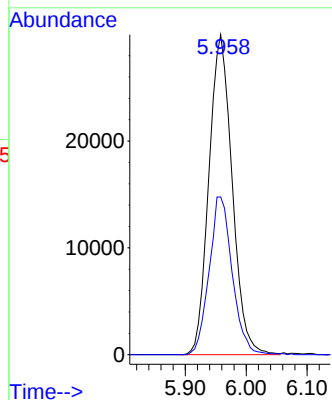
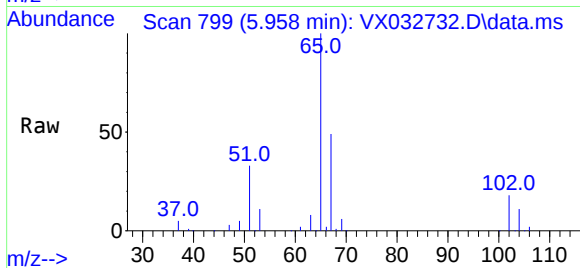
15BR-20221109

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

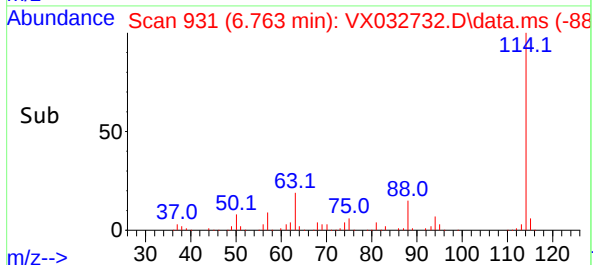
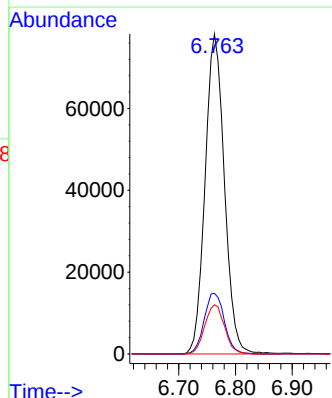
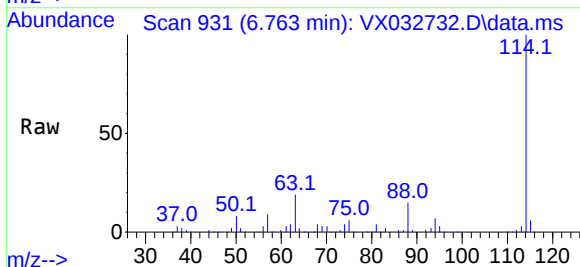
Tgt Ion: 114 Resp: 184954

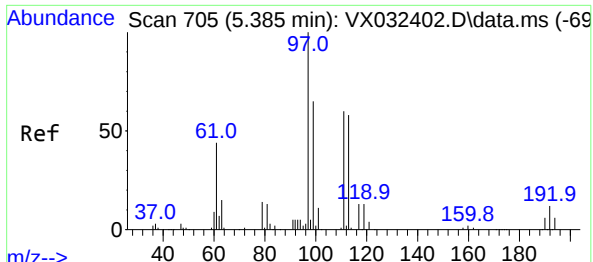
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.6

88 15.4 0.0 33.4

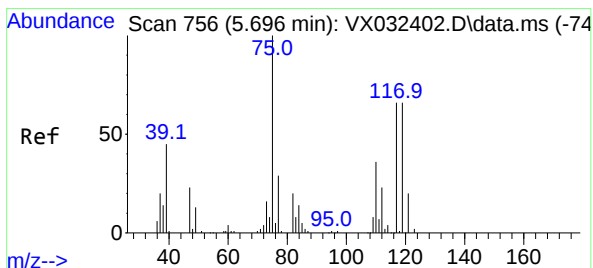
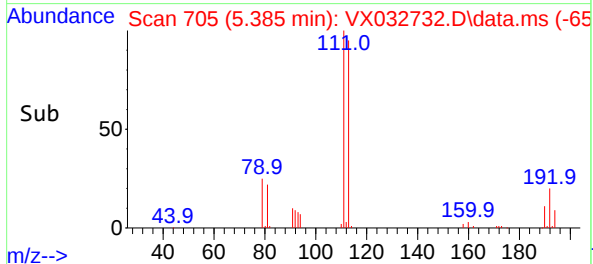
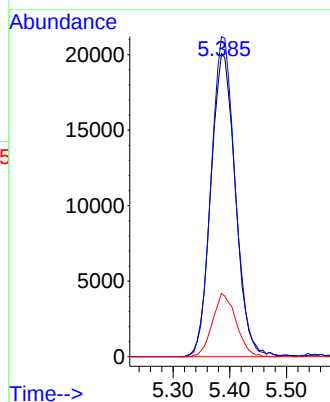
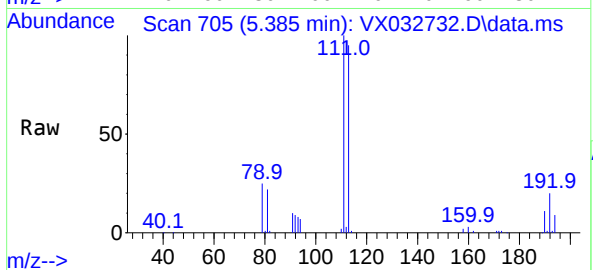




#35
Dibromofluoromethane
Concen: 45.747 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

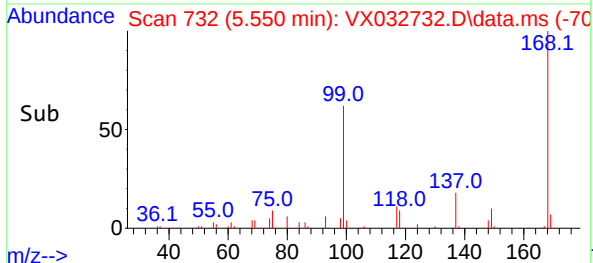
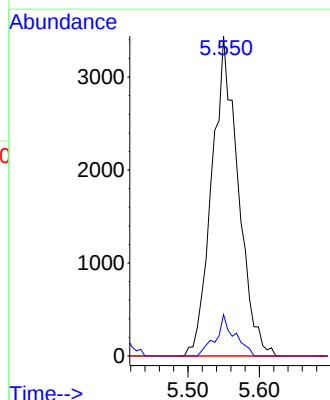
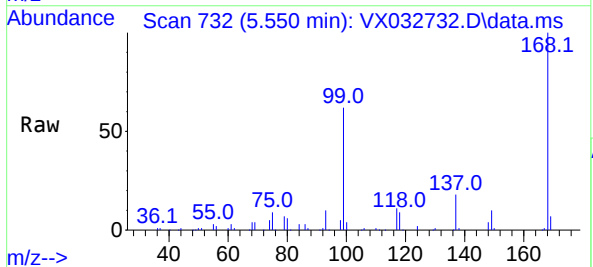
Instrument :
MSVOA_X
ClientSampleId :
15BR-20221109

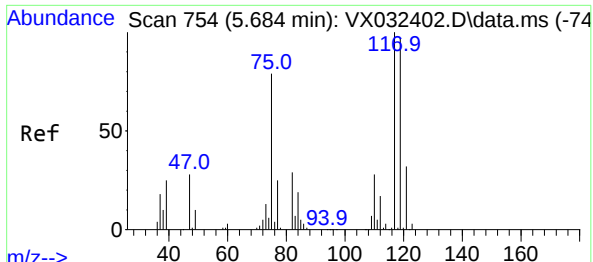
Tgt Ion:113 Resp: 60354
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 20.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.789 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

Tgt Ion: 75 Resp: 8798
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.5 36.7#

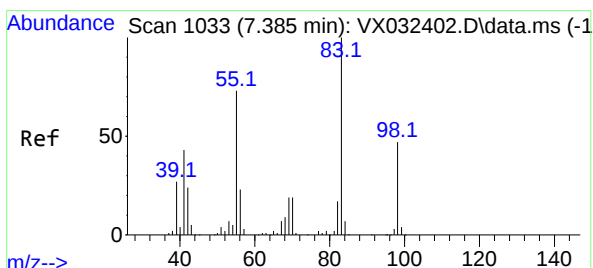
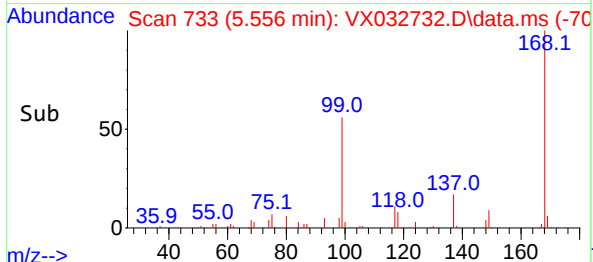
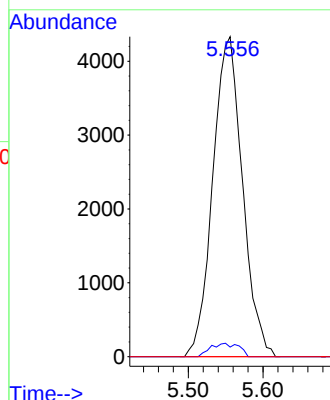
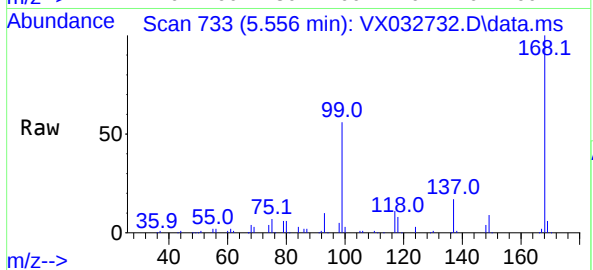




#38
Carbon Tetrachloride
Concen: 5.869 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

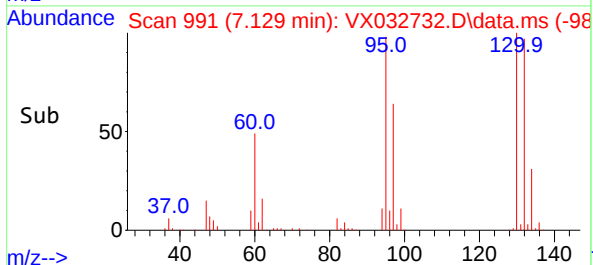
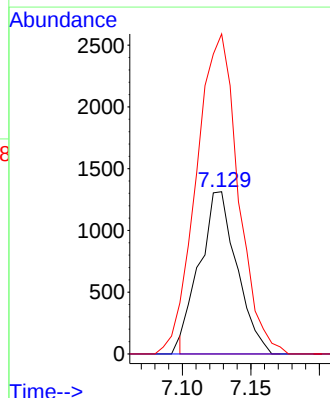
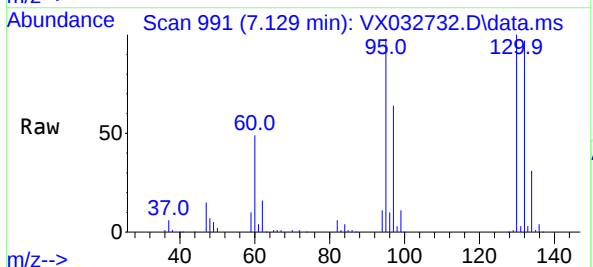
Instrument :
MSVOA_X
ClientSampleId :
15BR-20221109

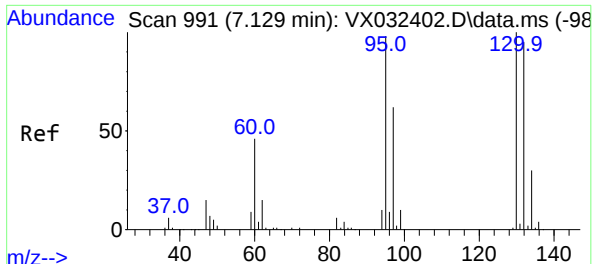
Tgt Ion:117 Resp: 11960
Ion Ratio Lower Upper
117 100
119 3.0 77.2 115.8#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 1.137 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

Tgt Ion: 83 Resp: 2471
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 192.8 37.2 55.8#

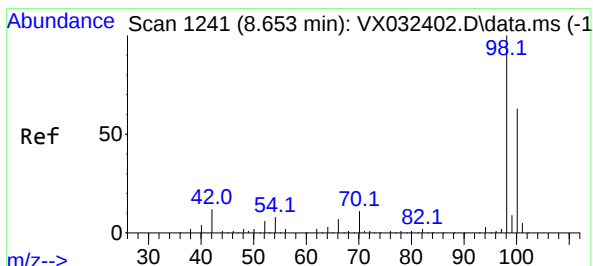
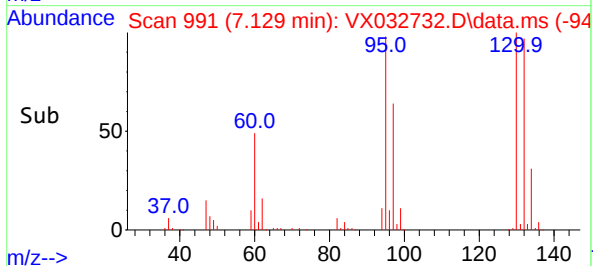
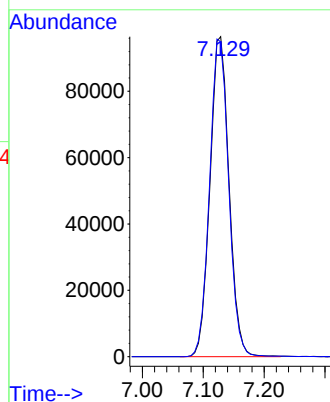
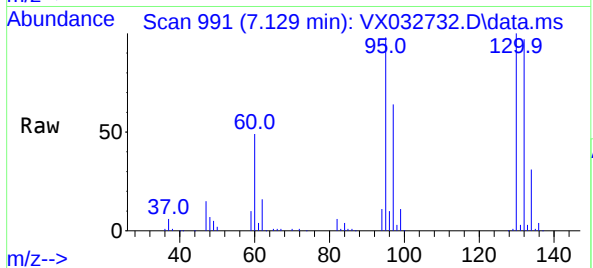




#44
Trichloroethene
Concen: 143.059 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

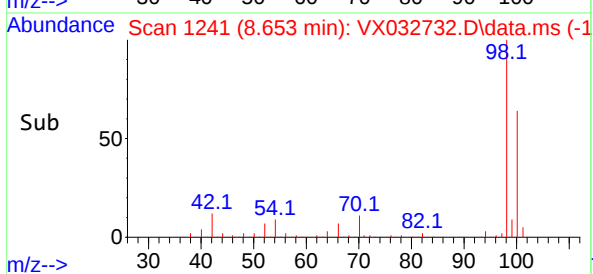
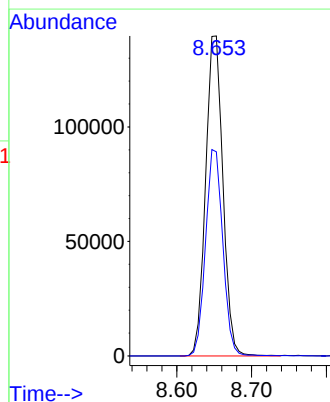
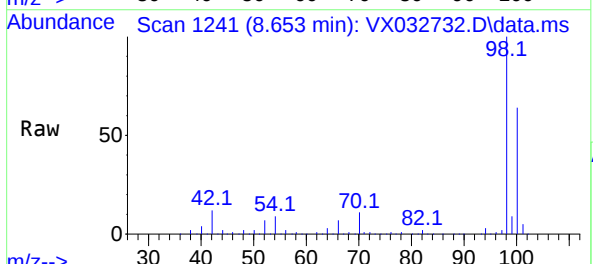
Instrument :
MSVOA_X
ClientSampleId :
15BR-20221109

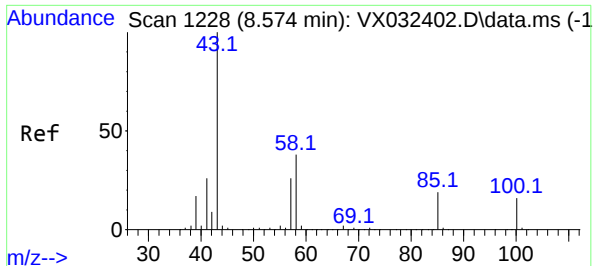
Tgt Ion:130 Resp: 209372
Ion Ratio Lower Upper
130 100
95 98.4 0.0 195.2



#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

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

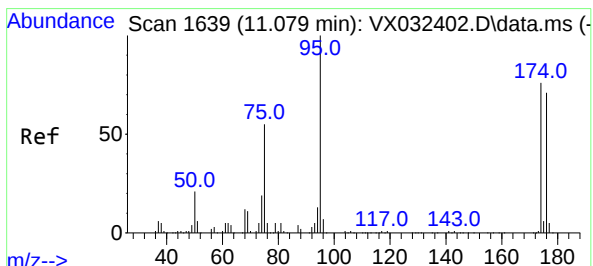
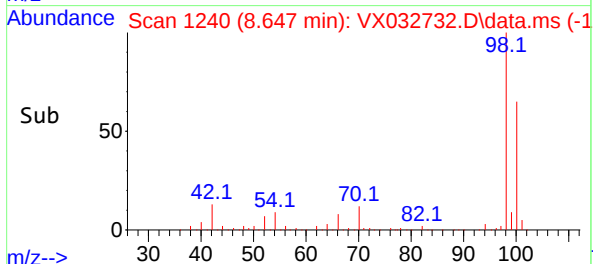
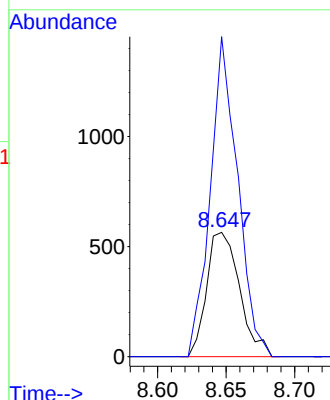
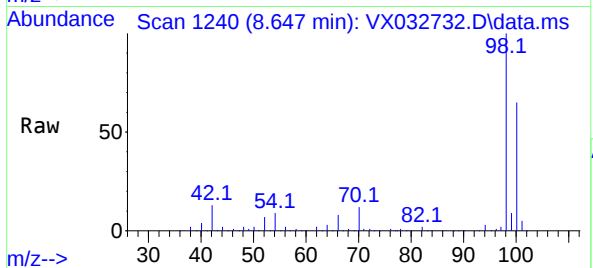




#51
4-Methyl-2-Pentanone
Concen: 0.511 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

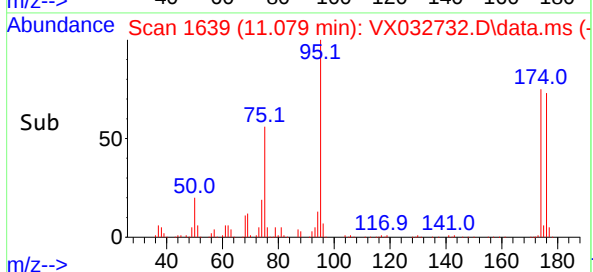
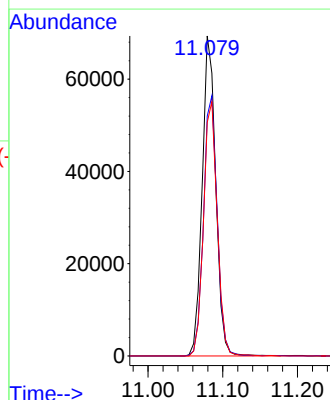
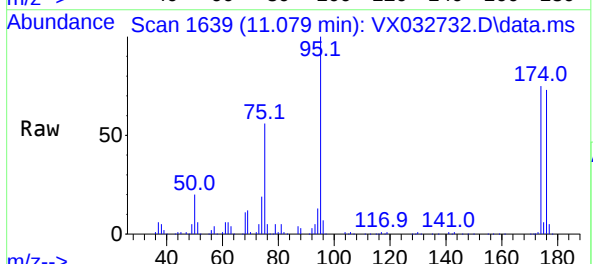
Instrument :
MSVOA_X
ClientSampleId :
15BR-20221109

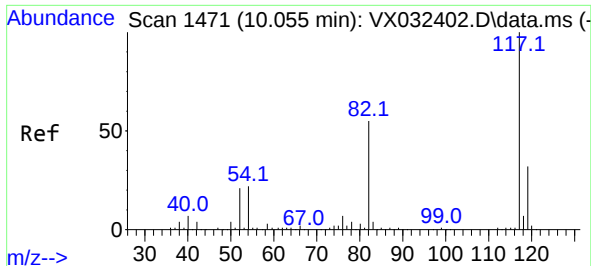
Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
58 214.1 30.9 46.3#



#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

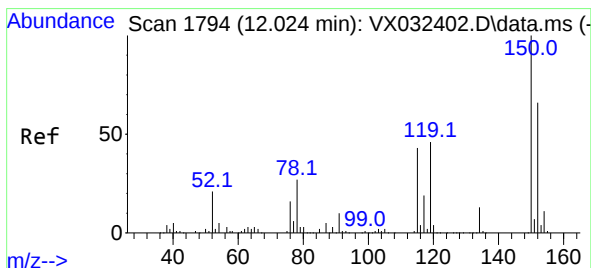
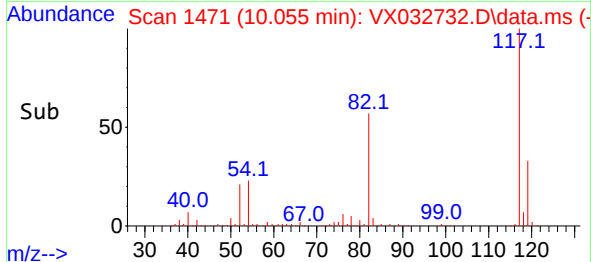
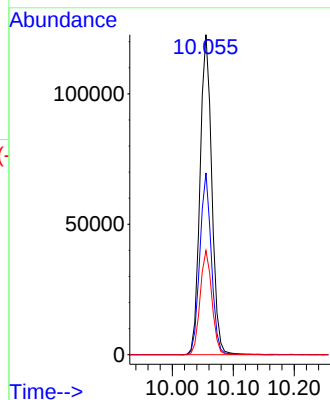
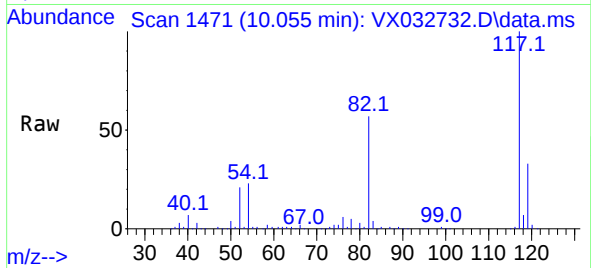




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

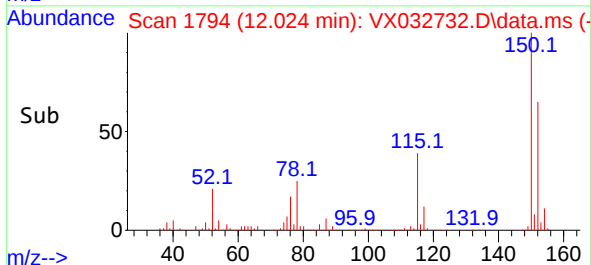
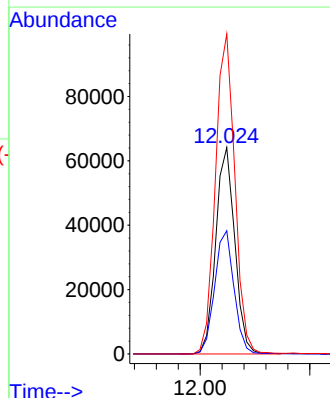
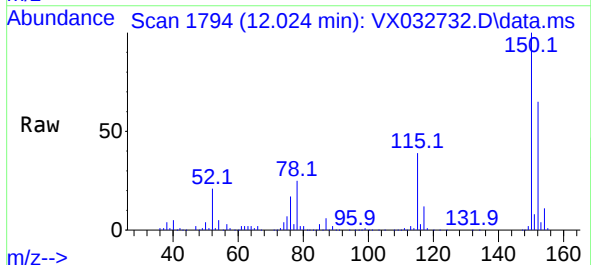
Instrument :
MSVOA_X
ClientSampleId :
15BR-20221109

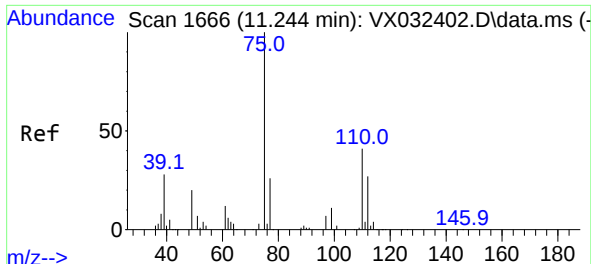
Tgt Ion:117 Resp: 164729
Ion Ratio Lower Upper
117 100
82 56.8 44.3 66.5
119 32.6 25.7 38.5



#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

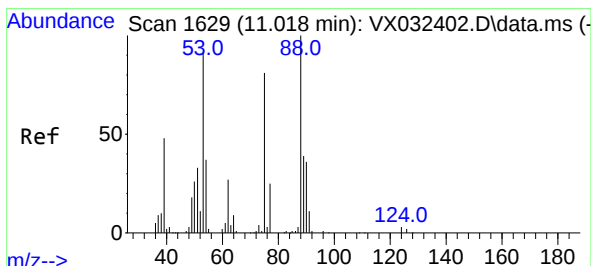
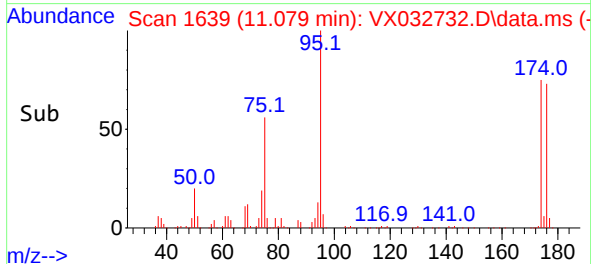
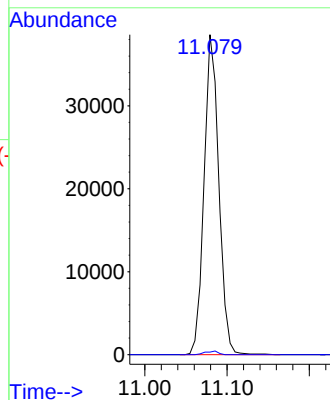
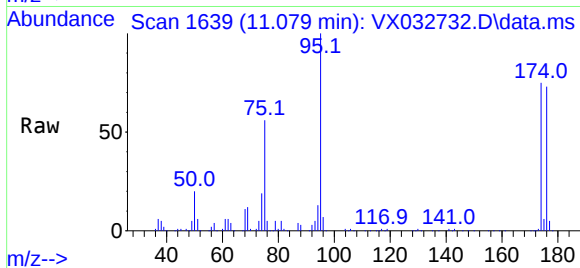




#76
1,2,3-Trichloropropane
Concen: 27.853 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
15BR-20221109

Tgt Ion: 75 Resp: 48038
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.630 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032732.D
Acq: 10 Nov 2022 16:43

Tgt Ion: 75 Resp: 48038
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

