

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031367.D
 Acq On : 15 Sep 2022 20:29
 Operator : JC/MD
 Sample : N4508-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-01-180-200-090122

Quant Time: Sep 16 04:58:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

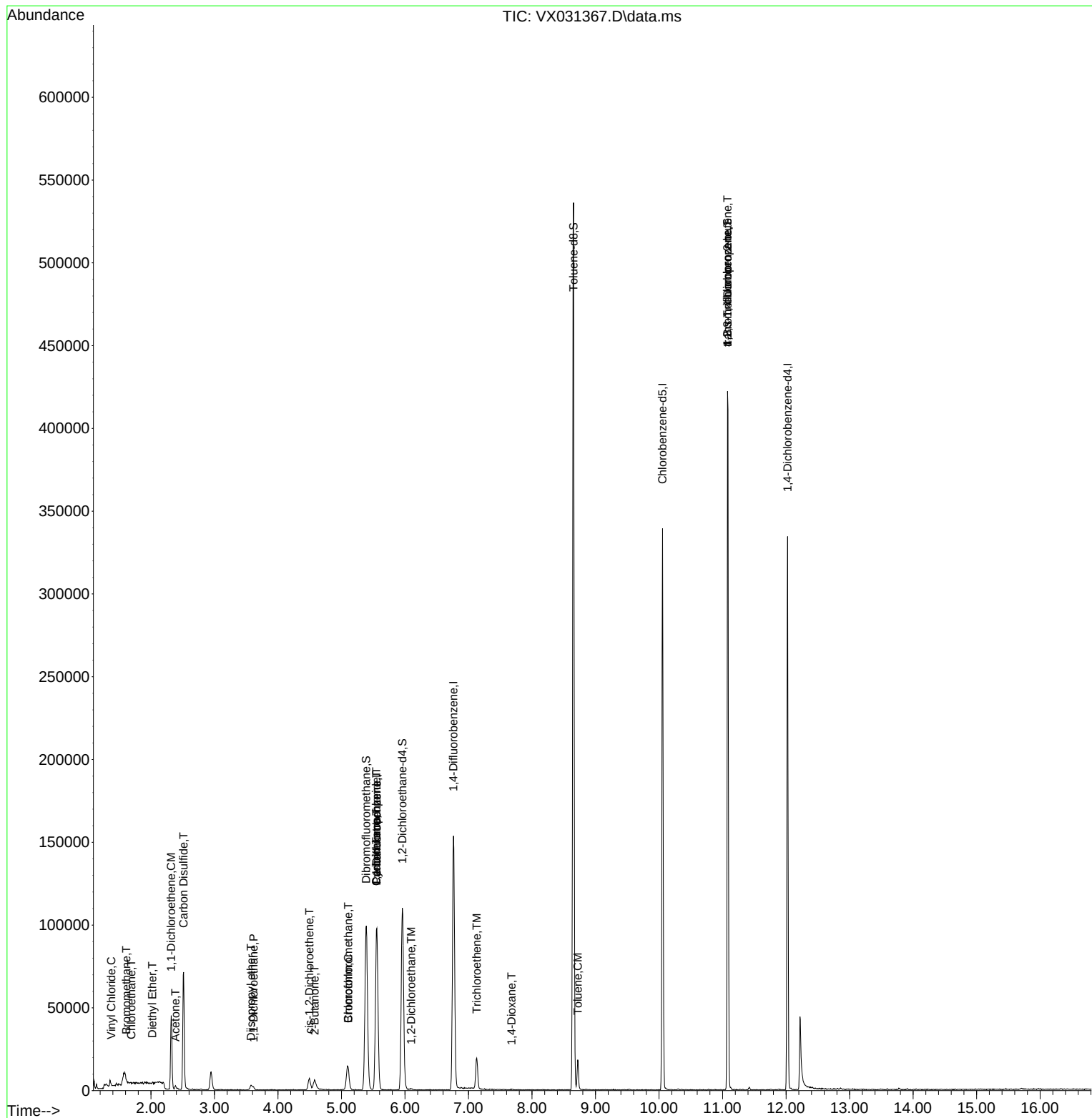
Internal Standards						
1) Pentafluorobenzene	5.556	168	92249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	153406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100023	44.174	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.340%		
35) Dibromofluoromethane	5.385	113	82893	50.269	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.540%		
50) Toluene-d8	8.653	98	309246	49.994	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.980%		
62) 4-Bromofluorobenzene	11.079	95	99634	43.986	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.980%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	275	Below Cal		88
4) Vinyl Chloride	1.374	62	471	0.292 ug/l #		75
5) Bromomethane	1.611	94	414	0.343 ug/l		92
6) Chloroethane	1.691	64	429	0.357 ug/l #		74
8) Diethyl Ether	2.020	74	48	0.563 ug/l #		42
11) Tert butyl alcohol	2.947	59	6580	Below Cal #		75
12) 1,1-Dichloroethene	2.319	96	13719	10.652 ug/l		94
16) Acetone	2.386	43	2760	2.855 ug/l #		86
17) Carbon Disulfide	2.514	76	83381	27.458 ug/l		100
20) Methylene Chloride	2.794	84	210	Below Cal #		64
21) trans-1,2-Dichloroethene	3.087	96	240	Below Cal #		1
22) Diisopropyl ether	3.574	45	1551	0.261 ug/l #		1
24) 1,1-Dichloroethane	3.617	63	2074	0.664 ug/l #		86
25) 2-Butanone	4.574	43	774	0.485 ug/l #		49
27) cis-1,2-Dichloroethene	4.495	96	4341	2.288 ug/l		81
28) Bromochloromethane	5.105	49	1424	0.978 ug/l #		15
30) Chloroform	5.105	83	17202	5.199 ug/l		89
31) Cyclohexane	5.550	56	2188	0.899 ug/l #		12
36) 1,1-Dichloropropene	5.550	75	7520	3.332 ug/l #		45
38) Carbon Tetrachloride	5.550	117	9185	3.744 ug/l #		17
42) 1,2-Dichloroethane	6.098	62	902	0.345 ug/l #		75
44) Trichloroethene	7.129	130	7063	4.274 ug/l		88
49) 1,4-Dioxane	7.677	88	113	2.445 ug/l #		52
52) Toluene	8.720	92	6476	1.580 ug/l		95
76) 1,2,3-Trichloropropane	11.079	75	57402	35.575 ug/l #		37
81) trans-1,4-Dichloro-2-b...	11.079	75	57402	98.436 ug/l #		11

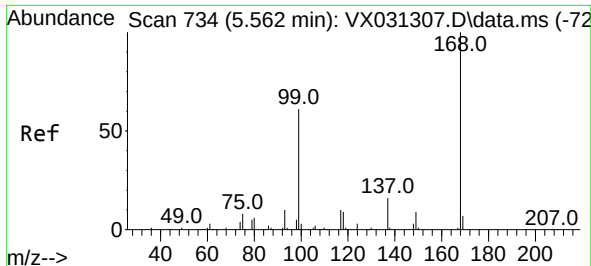
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
Data File : VX031367.D
Acq On : 15 Sep 2022 20:29
Operator : JC/MD
Sample : N4508-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BR-01-180-200-090122

Quant Time: Sep 16 04:58:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
Response via : Initial Calibration

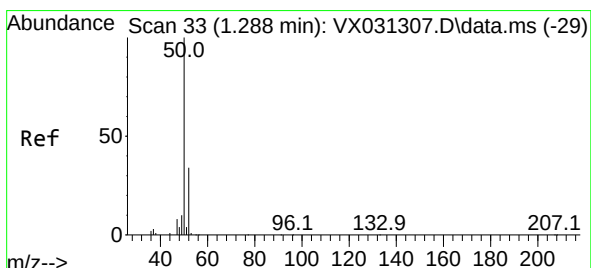
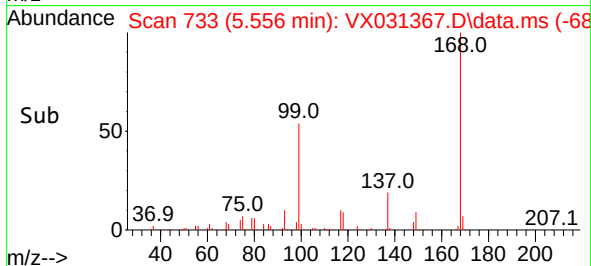
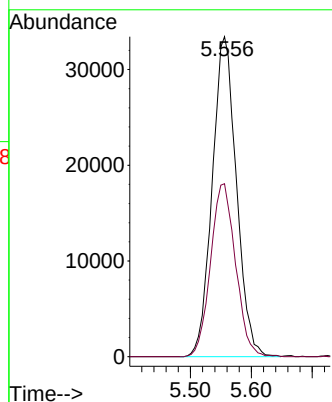
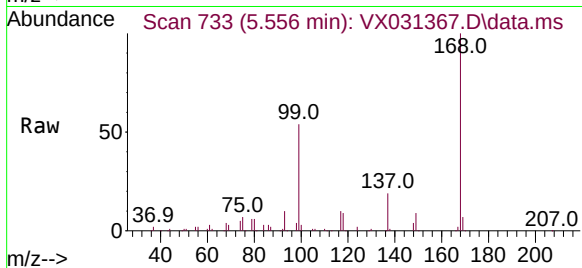




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

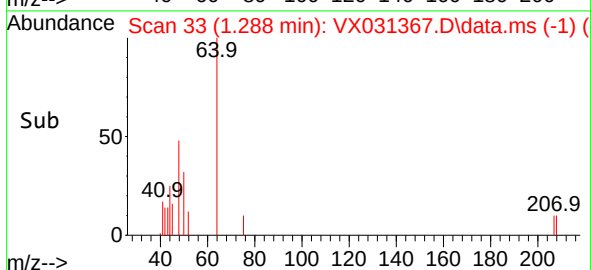
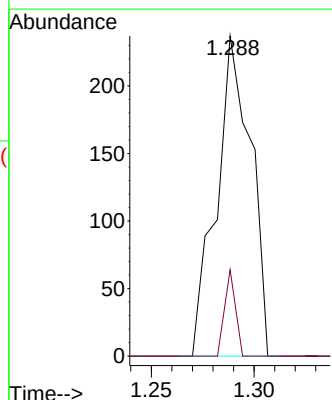
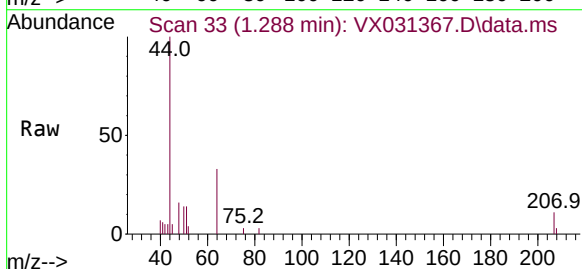
Instrument :
MSVOA_X
ClientSampleId :
BR-01-180-200-090122

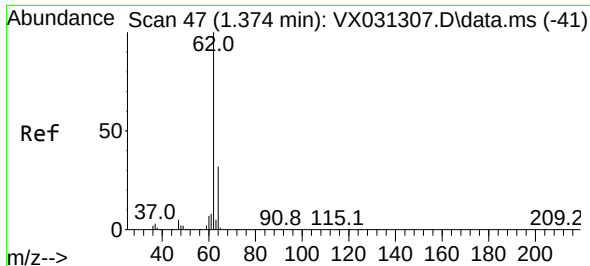
Tgt Ion:168 Resp: 92249
Ion Ratio Lower Upper
168 100
99 54.1 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

Tgt Ion: 50 Resp: 275
Ion Ratio Lower Upper
50 100
52 27.0 26.9 40.3

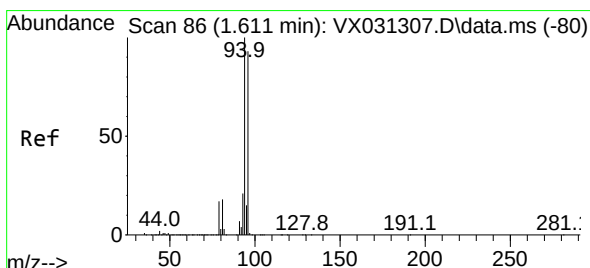
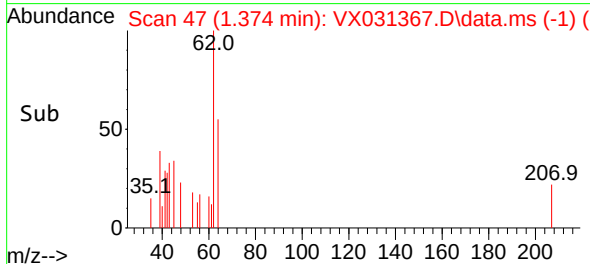
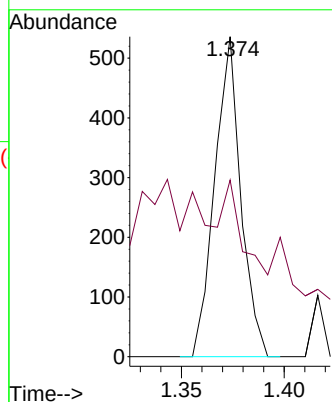
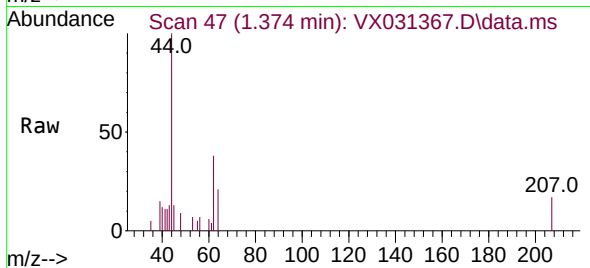




#4
 Vinyl Chloride
 Concen: 0.292 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX031367.D
 Acq: 15 Sep 2022 20:29

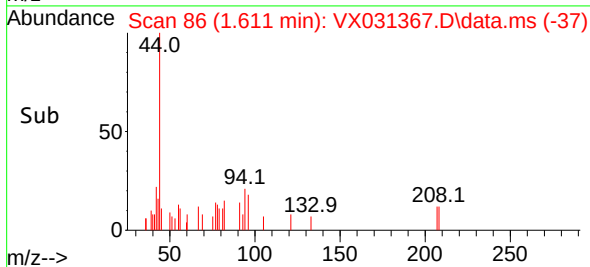
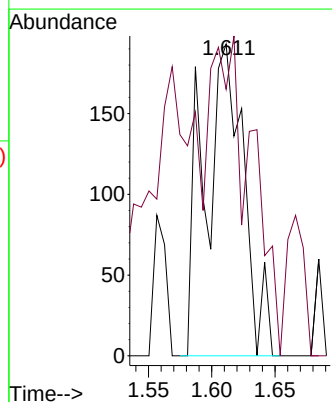
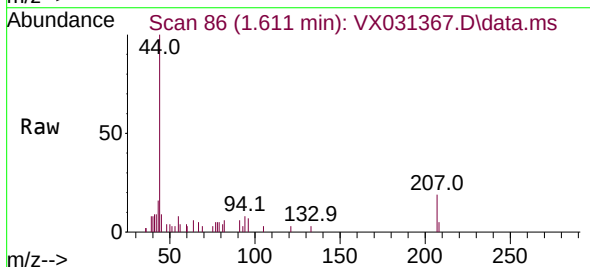
Instrument :
 MSVOA_X
 ClientSampleId :
 BR-01-180-200-090122

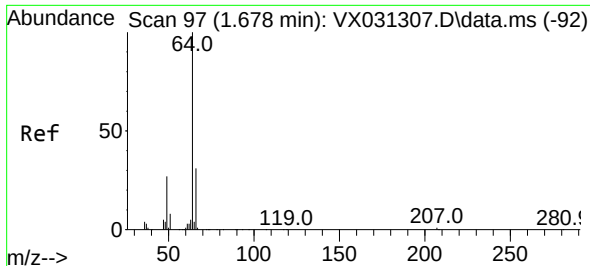
Tgt Ion: 62 Resp: 471
 Ion Ratio Lower Upper
 62 100
 64 17.9 25.3 37.9#



#5
 Bromomethane
 Concen: 0.343 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX031367.D
 Acq: 15 Sep 2022 20:29

Tgt Ion: 94 Resp: 414
 Ion Ratio Lower Upper
 94 100
 96 85.5 74.4 111.6

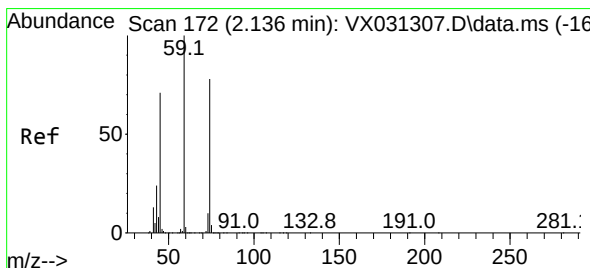
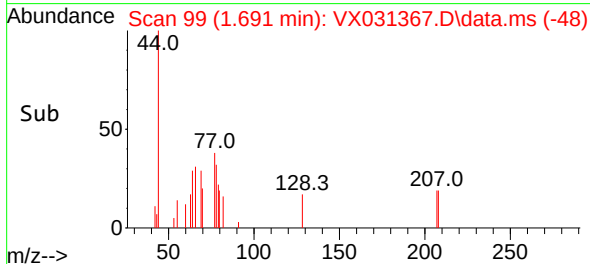
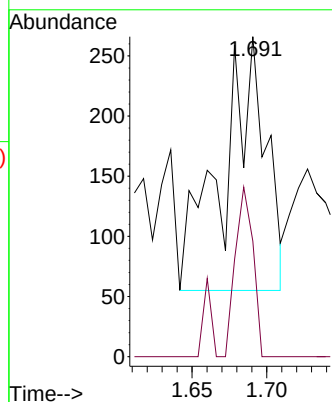
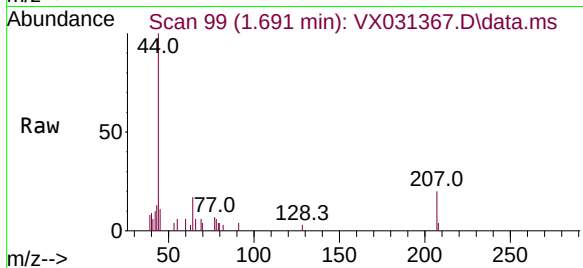




#6
Chloroethane
Concen: 0.357 ug/l
RT: 1.691 min Scan# 91
Delta R.T. 0.013 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

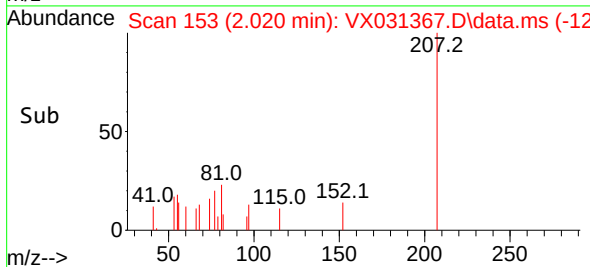
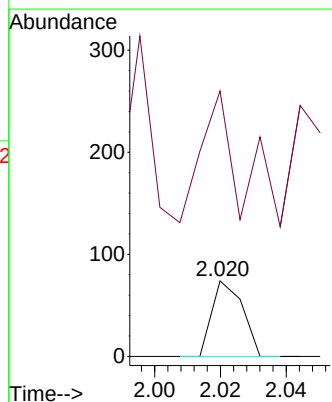
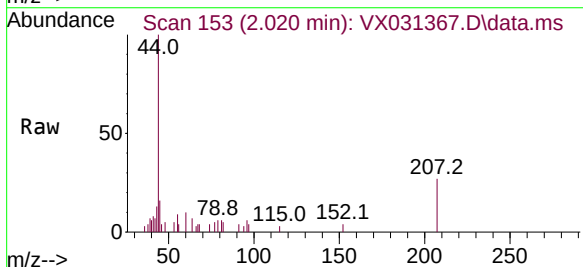
Instrument :
MSVOA_X
ClientSampleId :
BR-01-180-200-090122

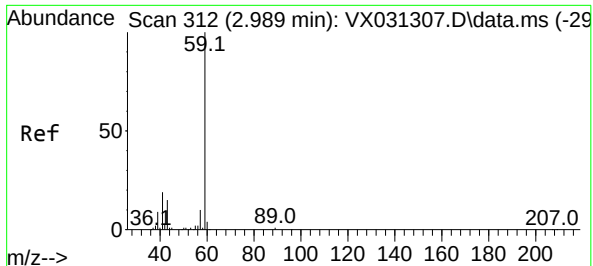
Tgt Ion: 64 Resp: 429
Ion Ratio Lower Upper
64 100
66 45.5 25.0 37.4#



#8
Diethyl Ether
Concen: 0.563 ug/l
RT: 2.020 min Scan# 153
Delta R.T. -0.116 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

Tgt Ion: 74 Resp: 48
Ion Ratio Lower Upper
74 100
45 154.2 48.5 145.6#

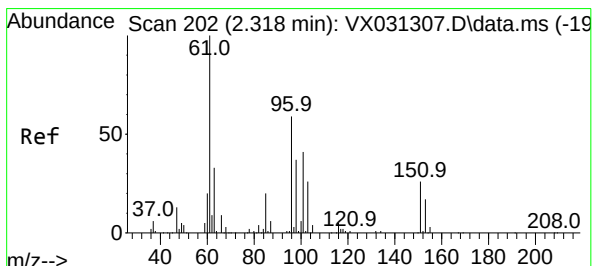
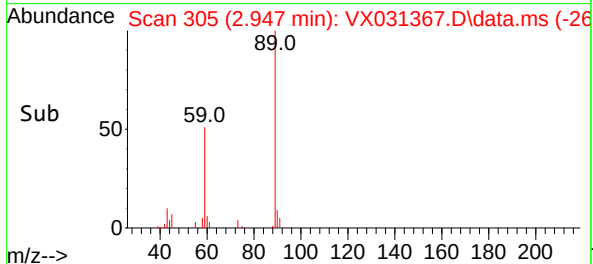
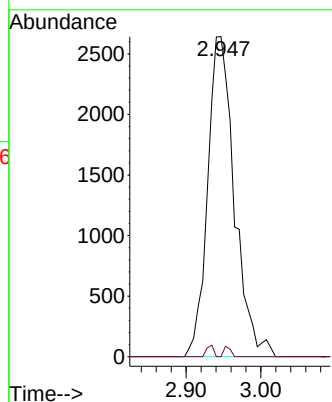
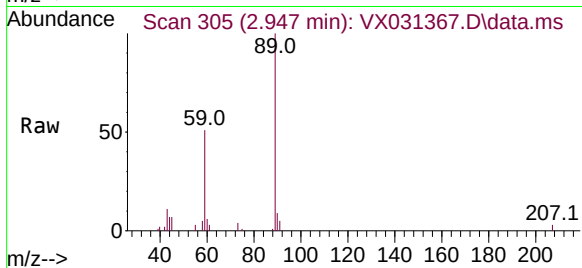




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

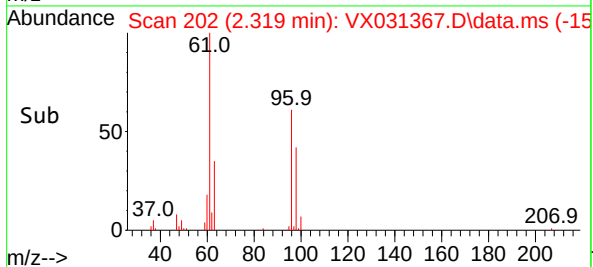
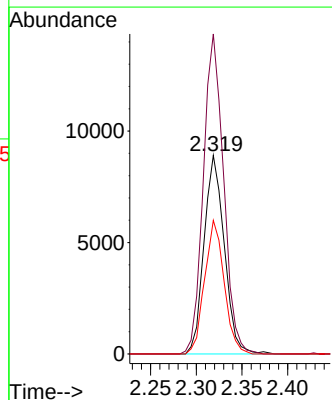
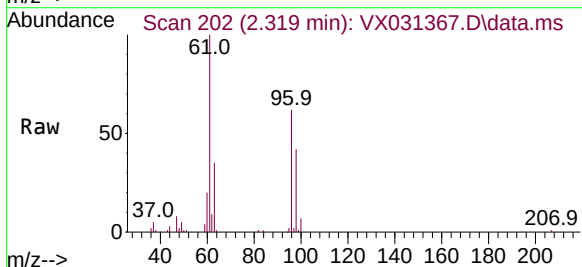
Instrument :
MSVOA_X
ClientSampleId :
BR-01-180-200-090122

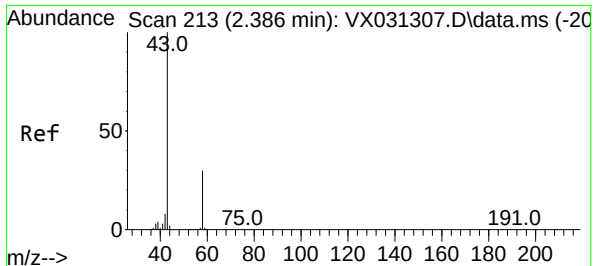
Tgt Ion: 59 Resp: 6580
Ion Ratio Lower Upper
59 100
57 0.8 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 10.652 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

Tgt Ion: 96 Resp: 13719
Ion Ratio Lower Upper
96 100
61 161.2 135.3 202.9
98 67.3 49.4 74.2

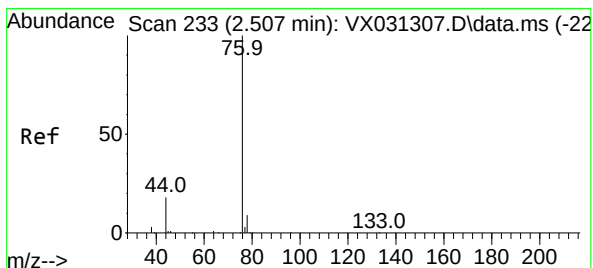
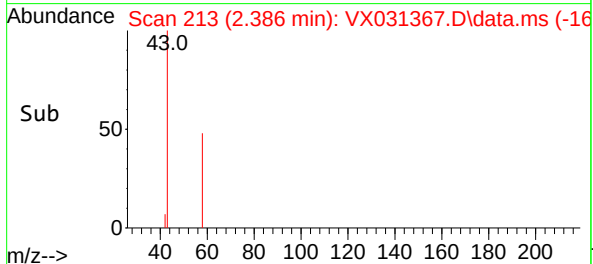
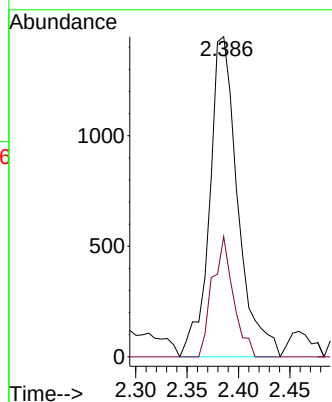
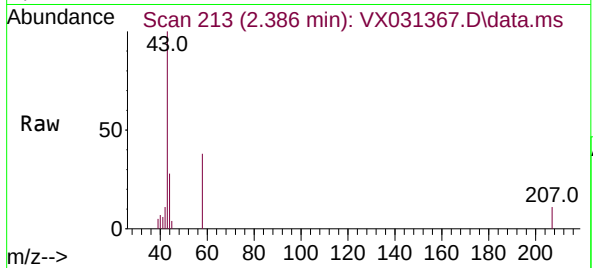




#16
Acetone
Concen: 2.855 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

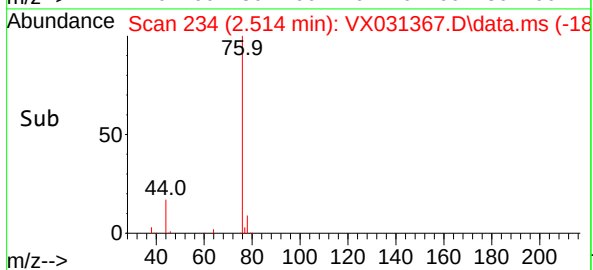
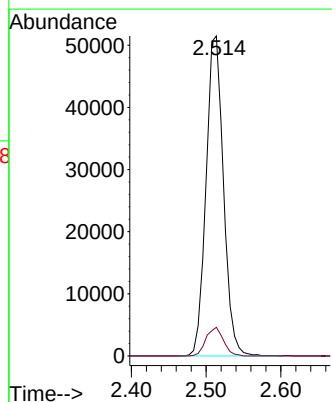
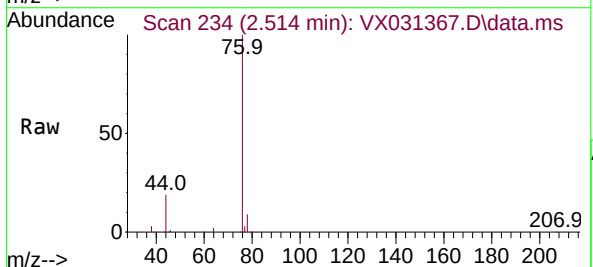
Instrument :
MSVOA_X
ClientSampleId :
BR-01-180-200-090122

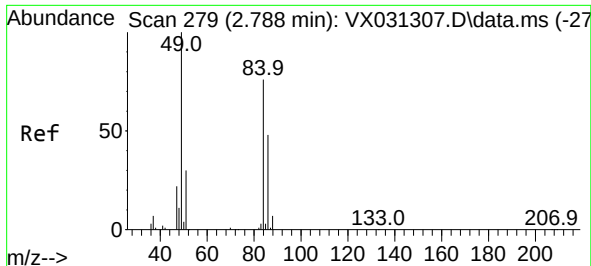
Tgt Ion: 43 Resp: 2760
Ion Ratio Lower Upper
43 100
58 37.5 23.8 35.8#



#17
Carbon Disulfide
Concen: 27.458 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

Tgt Ion: 76 Resp: 83381
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

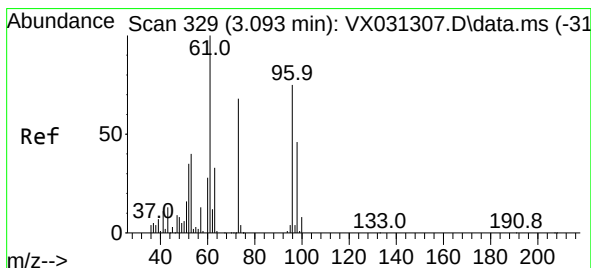
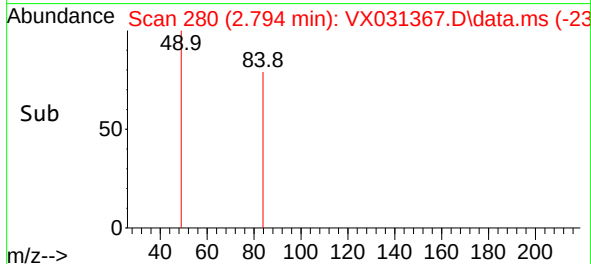
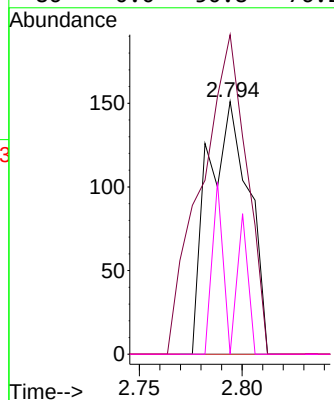
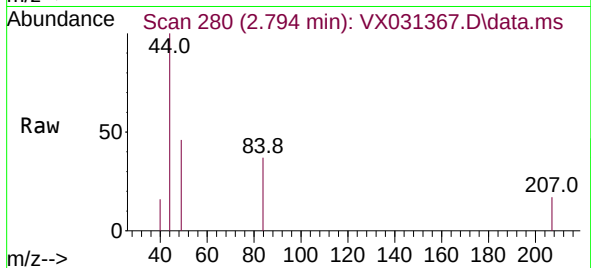




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

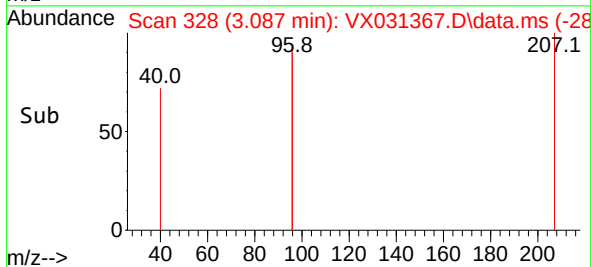
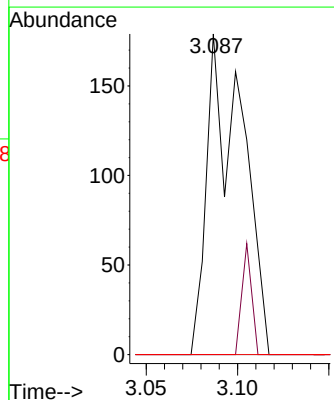
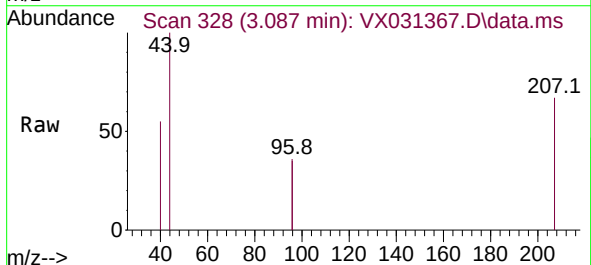
Instrument :
MSVOA_X
ClientSampleId :
BR-01-180-200-090122

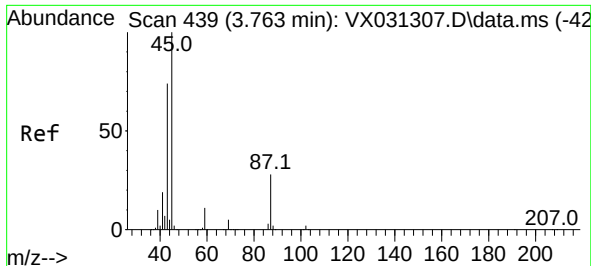
Tgt Ion: 84 Resp: 210
Ion Ratio Lower Upper
84 100
49 126.5 105.9 158.9
51 0.0 32.2 48.2#
86 0.0 50.8 76.2#



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.087 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

Tgt Ion: 96 Resp: 240
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 48.7 73.1#

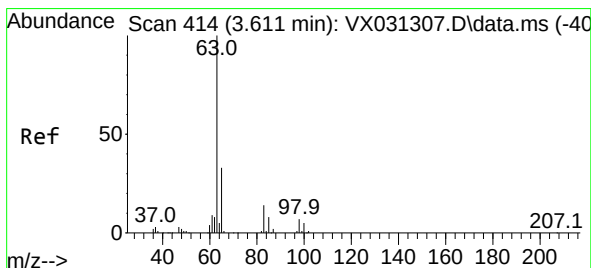
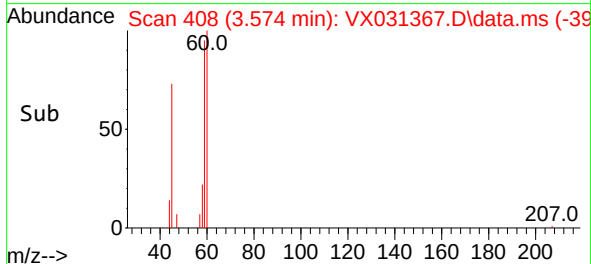
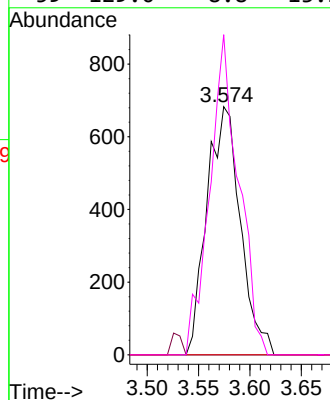
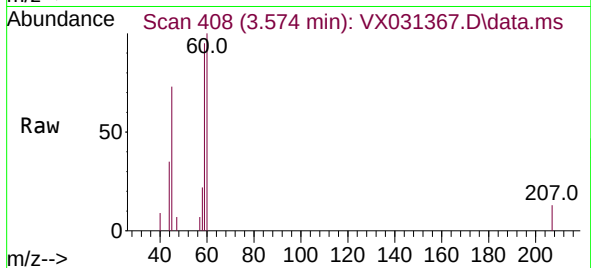




#22
Diisopropyl ether
Concen: 0.261 ug/l
RT: 3.574 min Scan# 408
Delta R.T. -0.189 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

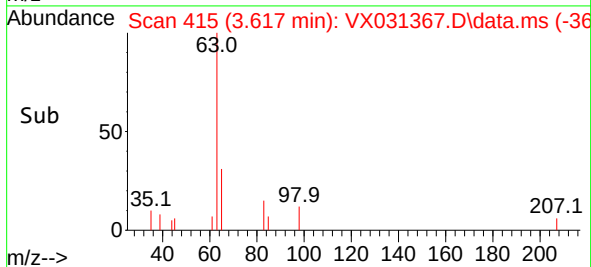
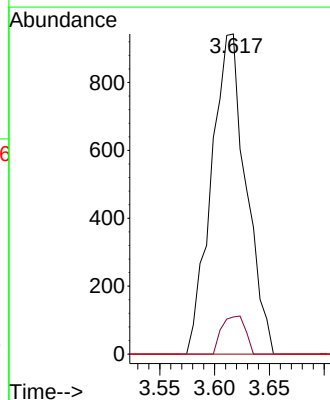
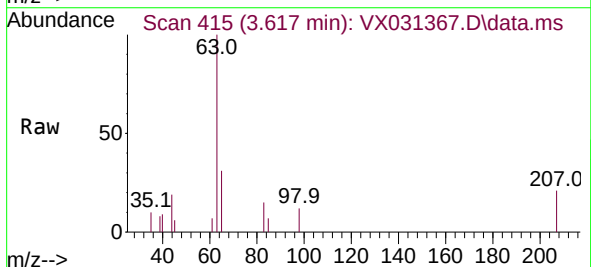
Instrument :
MSVOA_X
ClientSampleId :
BR-01-180-200-090122

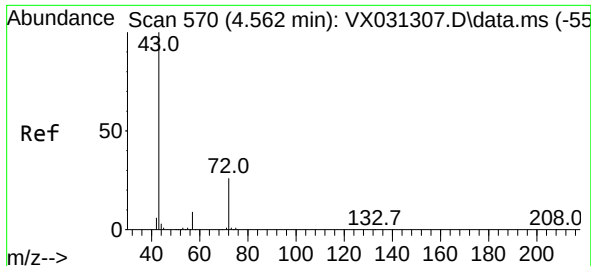
Tgt Ion:	45	Resp:	1551
Ion	Ratio	Lower	Upper
45	100		
43	0.0	59.0	88.6#
87	0.0	22.6	33.8#
59	129.0	8.8	13.2#



#24
1,1-Dichloroethane
Concen: 0.664 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

Tgt Ion:	63	Resp:	2074
Ion	Ratio	Lower	Upper
63	100		
98	11.6	3.5	10.4#
100	0.0	2.4	7.2#

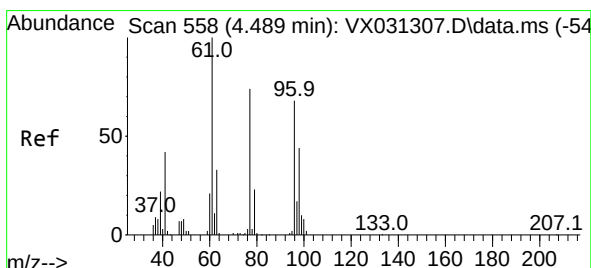
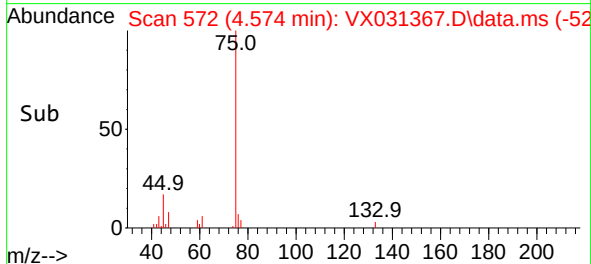
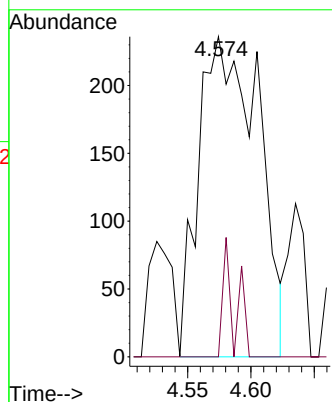
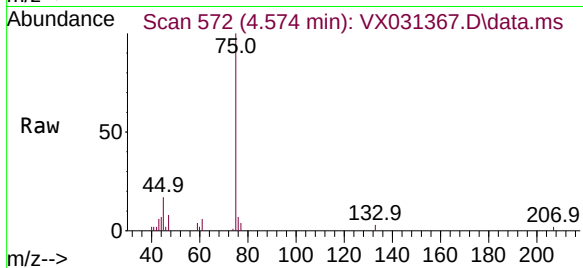




#25
2-Butanone
Concen: 0.485 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

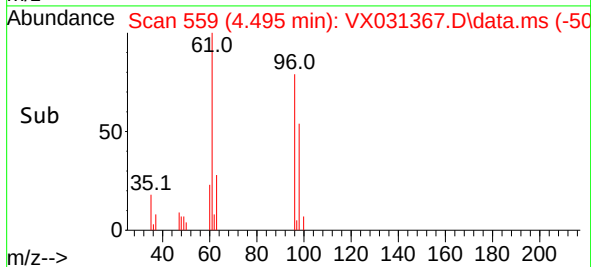
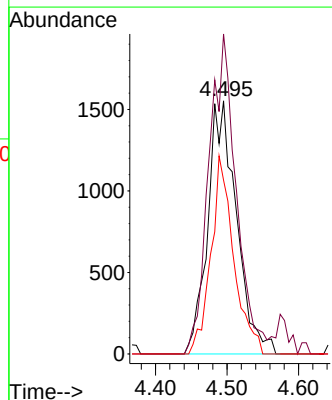
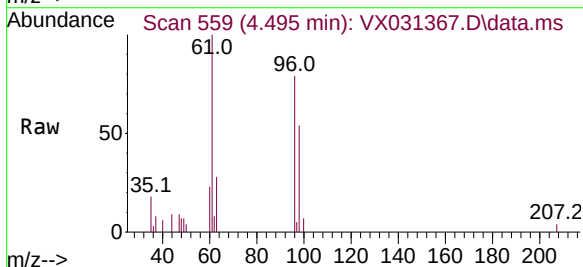
Instrument :
MSVOA_X
ClientSampleId :
BR-01-180-200-090122

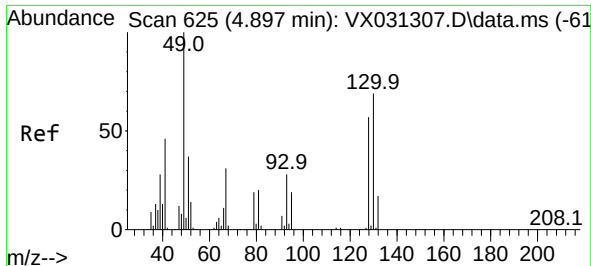
Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



#27
cis-1,2-Dichloroethene
Concen: 2.288 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

Tgt Ion: 96 Resp: 4341
Ion Ratio Lower Upper
96 100
61 120.1 0.0 305.2
98 61.9 0.0 128.4

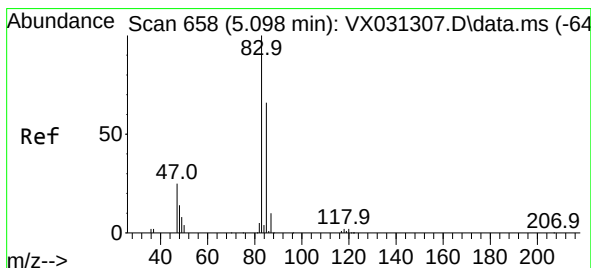
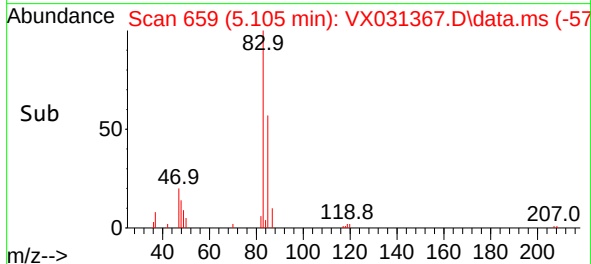
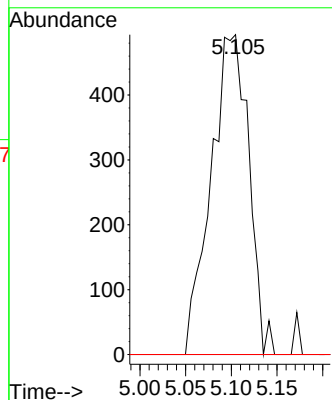
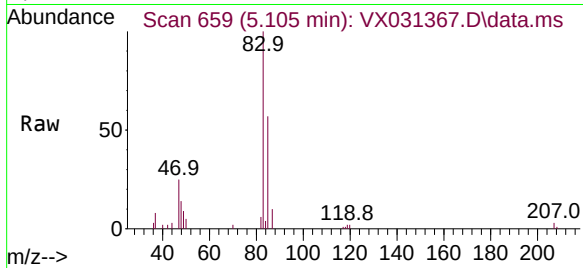




#28
Bromochloromethane
Concen: 0.978 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.207 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

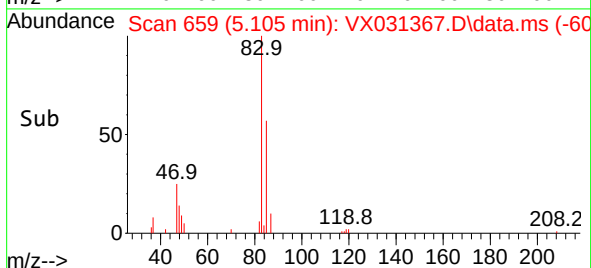
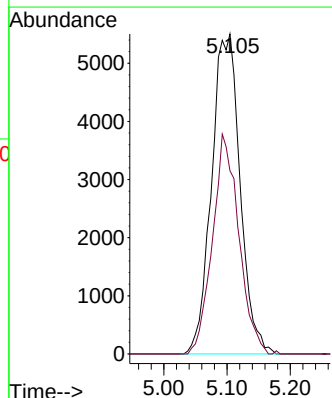
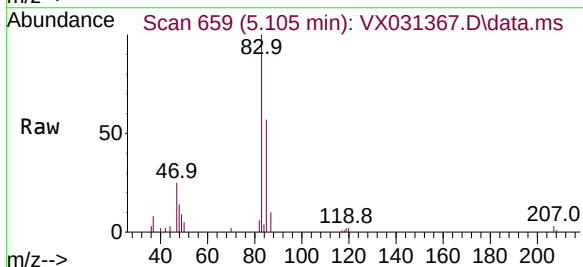
Instrument :
MSVOA_X
ClientSampleId :
BR-01-180-200-090122

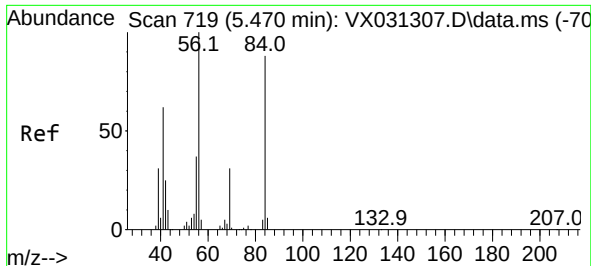
Tgt Ion: 49 Resp: 1424
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.0 88.4#



#30
Chloroform
Concen: 5.199 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

Tgt Ion: 83 Resp: 17202
Ion Ratio Lower Upper
83 100
85 57.2 52.8 79.2

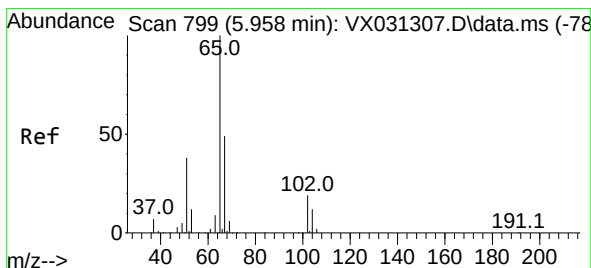
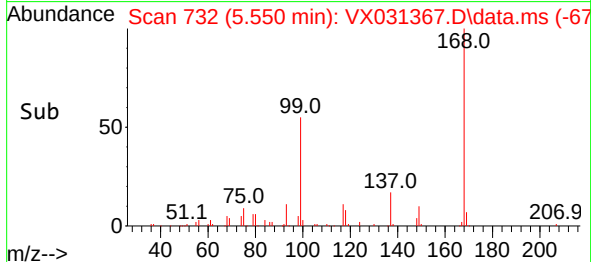
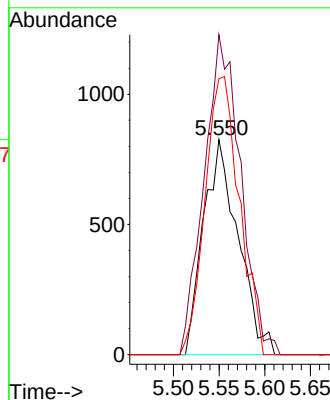
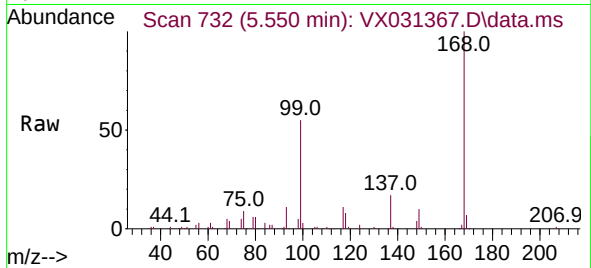




#31
Cyclohexane
Concen: 0.899 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

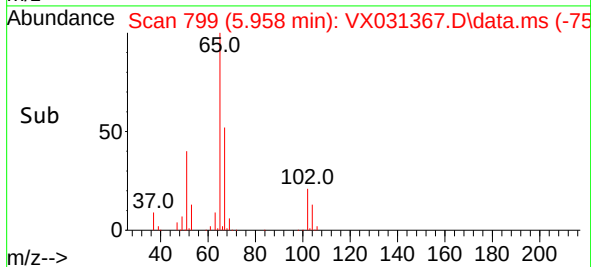
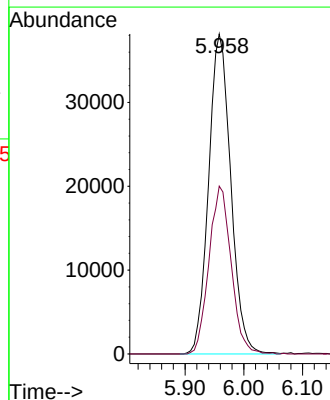
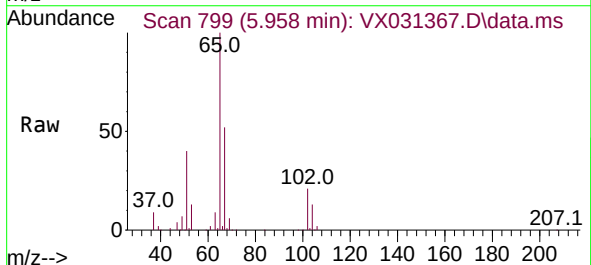
Instrument :
MSVOA_X
ClientSampleId :
BR-01-180-200-090122

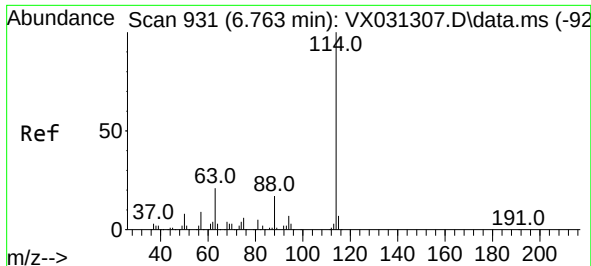
Tgt Ion: 56 Resp: 2188
Ion Ratio Lower Upper
56 100
69 148.8 25.1 37.7#
84 128.3 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 44.174 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

Tgt Ion: 65 Resp: 100023
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4

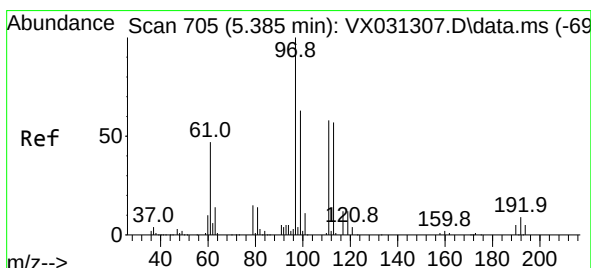
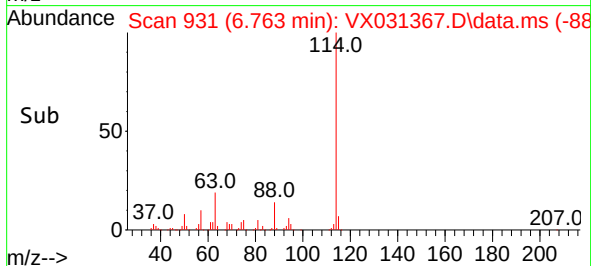
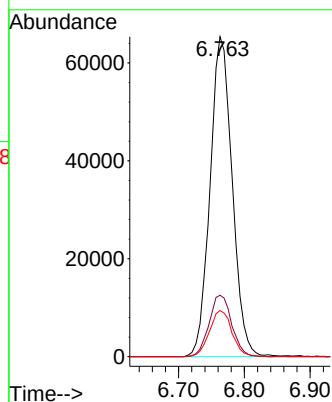
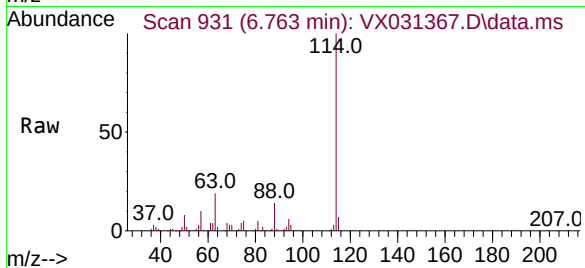




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

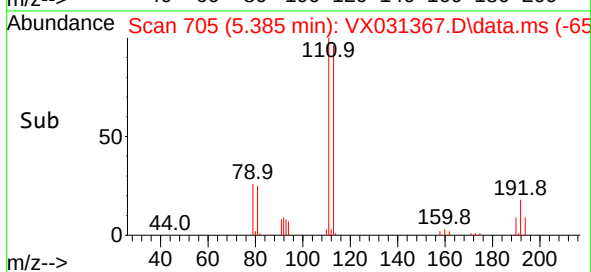
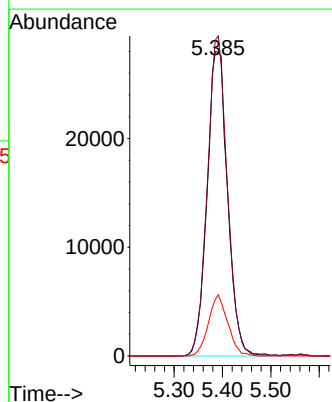
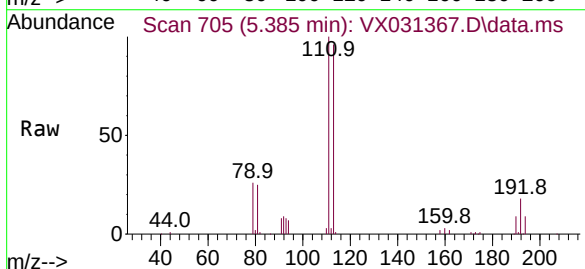
Instrument :
MSVOA_X
ClientSampleId :
BR-01-180-200-090122

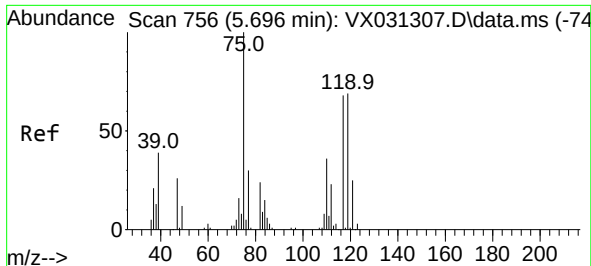
Tgt Ion:114 Resp: 153406
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.6
88 14.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.269 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

Tgt Ion:113 Resp: 82893
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 18.8 14.1 21.1

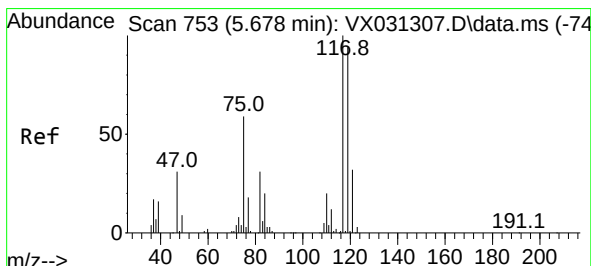
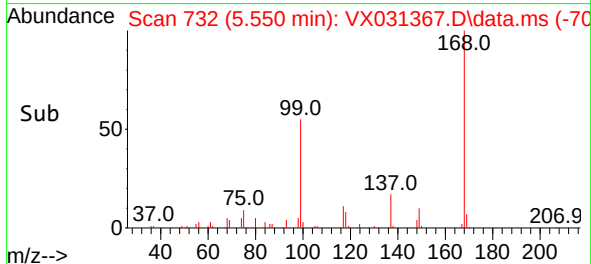
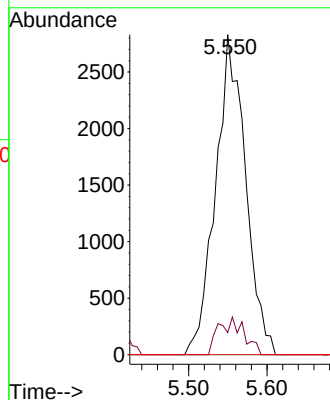
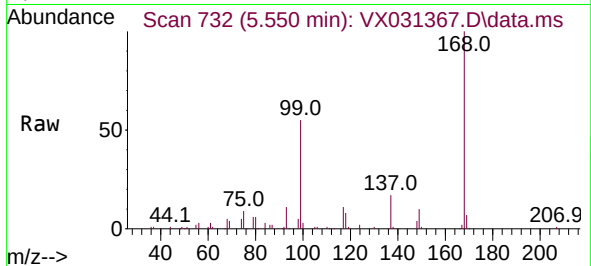




#36
1,1-Dichloropropene
Concen: 3.332 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

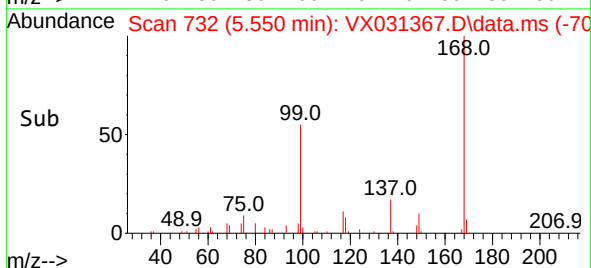
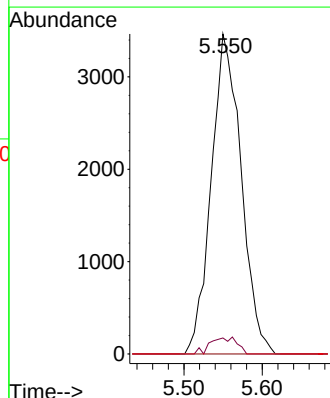
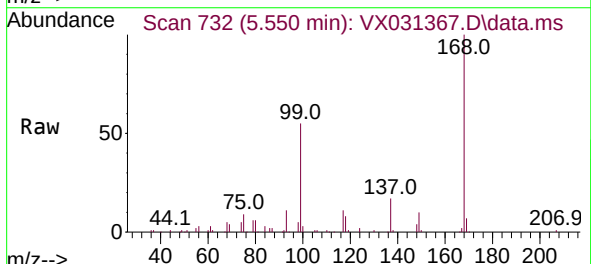
Instrument :
MSVOA_X
ClientSampleId :
BR-01-180-200-090122

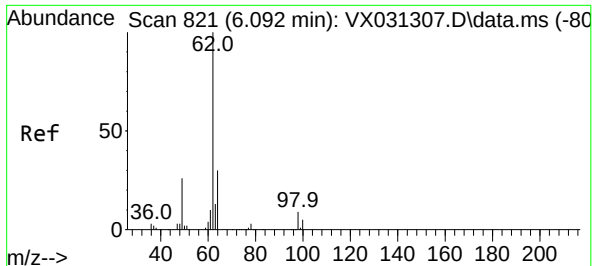
Tgt Ion: 75 Resp: 7520
Ion Ratio Lower Upper
75 100
110 4.4 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.744 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

Tgt Ion: 117 Resp: 9185
Ion Ratio Lower Upper
117 100
119 5.0 74.6 112.0#
121 0.0 25.3 37.9#





#42

1,2-Dichloroethane

Concen: 0.345 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX031367.D

Acq: 15 Sep 2022 20:29

Instrument :

MSVOA_X

ClientSampleId :

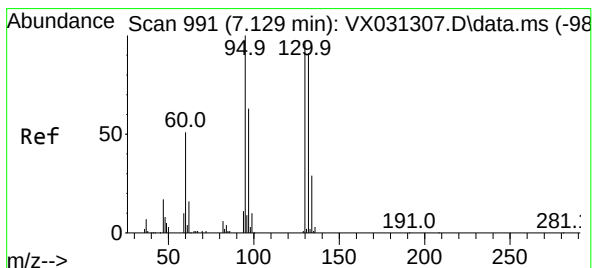
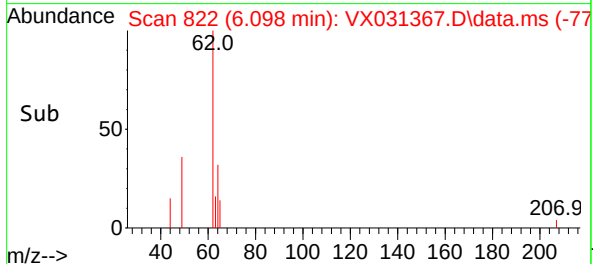
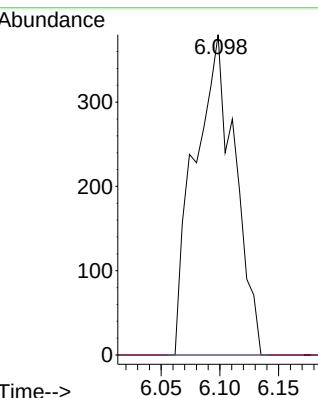
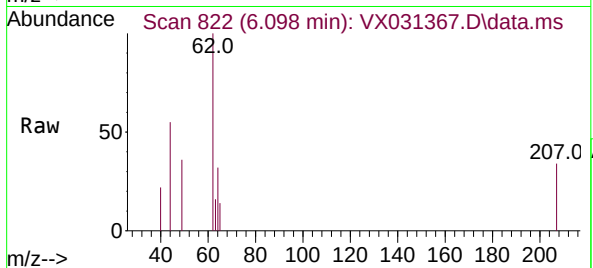
BR-01-180-200-090122

Tgt Ion: 62 Resp: 902

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.8



#44

Trichloroethene

Concen: 4.274 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX031367.D

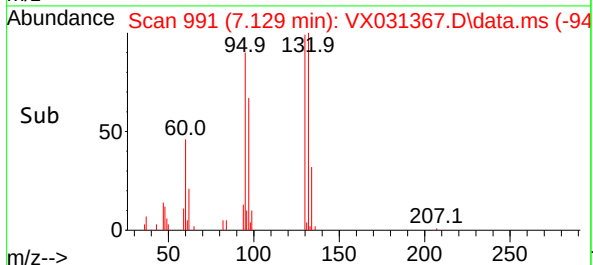
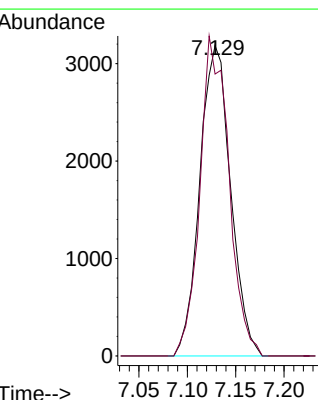
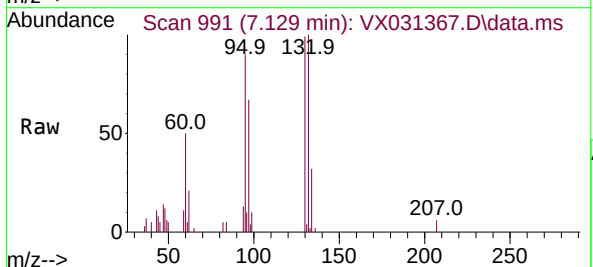
Acq: 15 Sep 2022 20:29

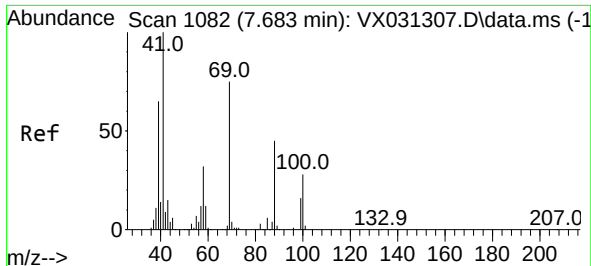
Tgt Ion:130 Resp: 7063

Ion Ratio Lower Upper

130 100

95 90.8 0.0 206.8





#49

1,4-Dioxane

Concen: 2.445 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. -0.006 min

Lab File: VX031367.D

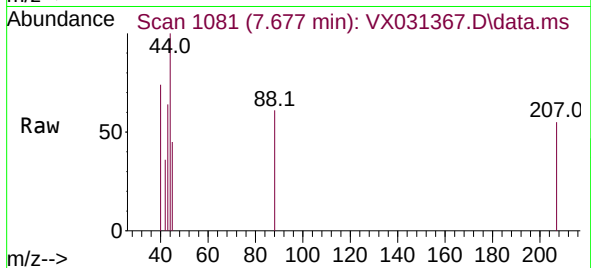
Acq: 15 Sep 2022 20:29

Instrument :

MSVOA_X

ClientSampleId :

BR-01-180-200-090122



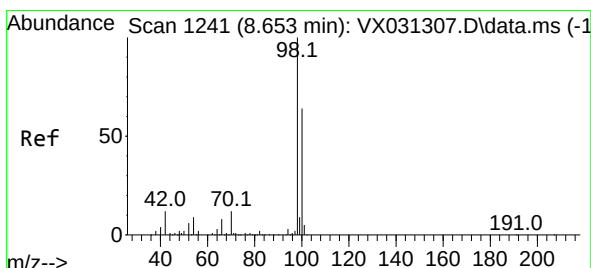
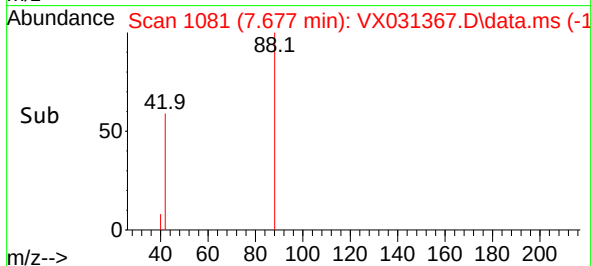
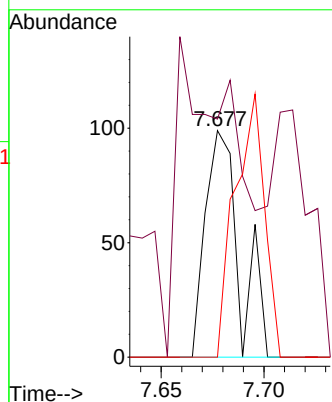
Tgt Ion: 88 Resp: 113

Ion Ratio Lower Upper

88 100

43 0.0 27.1 40.7#

58 101.8 53.9 80.9#



#50

Toluene-d8

Concen: 49.994 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX031367.D

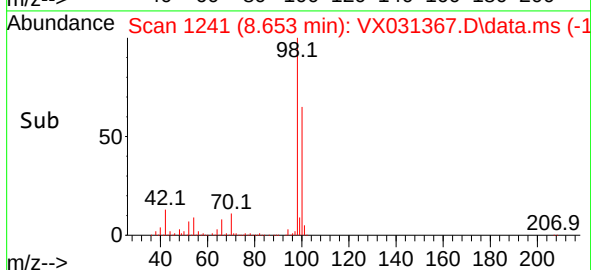
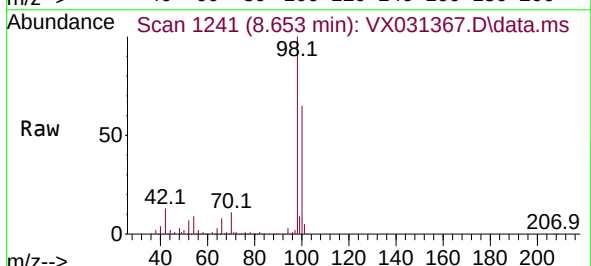
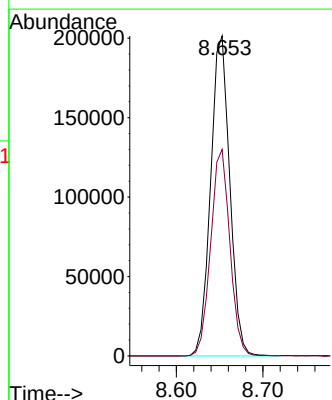
Acq: 15 Sep 2022 20:29

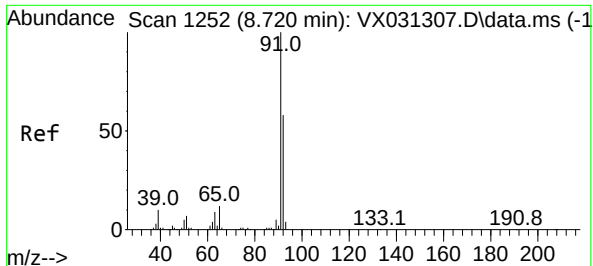
Tgt Ion: 98 Resp: 309246

Ion Ratio Lower Upper

98 100

100 64.7 52.5 78.7

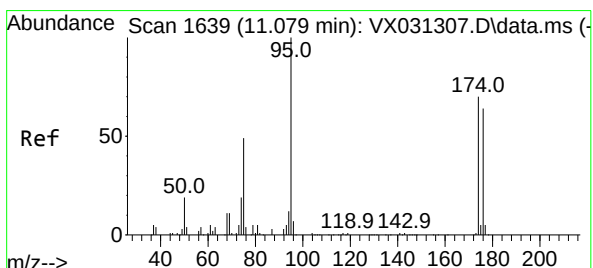
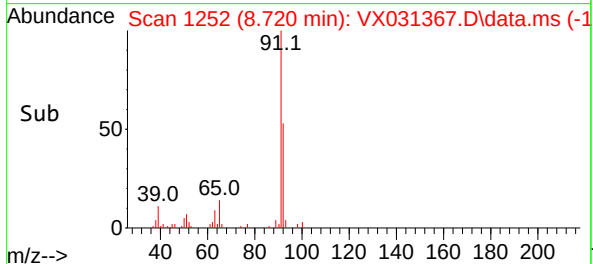
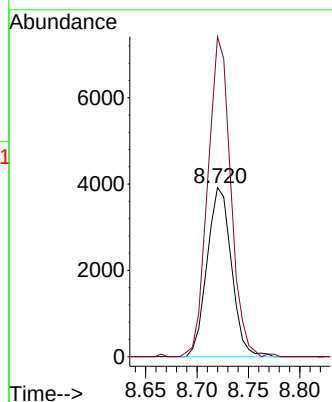
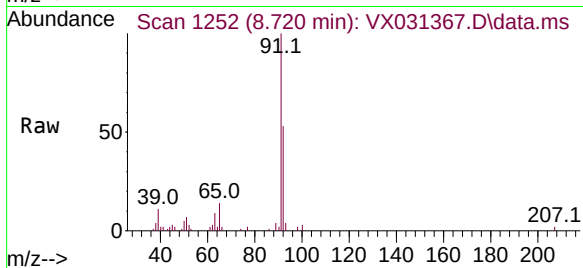




#52
Toluene
Concen: 1.580 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

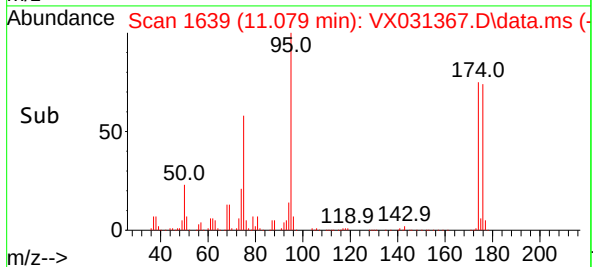
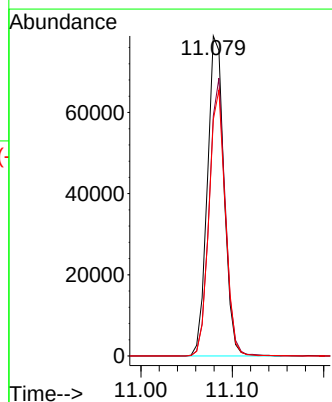
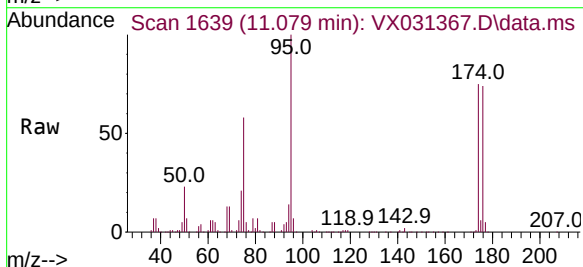
Instrument :
MSVOA_X
ClientSampleId :
BR-01-180-200-090122

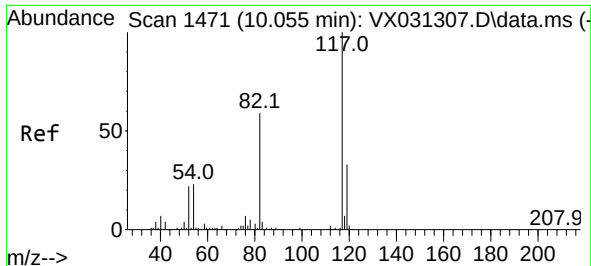
Tgt Ion: 92 Resp: 6476
Ion Ratio Lower Upper
92 100
91 178.4 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 43.986 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

Tgt Ion: 95 Resp: 99634
Ion Ratio Lower Upper
95 100
174 83.7 0.0 153.2
176 81.4 0.0 144.0

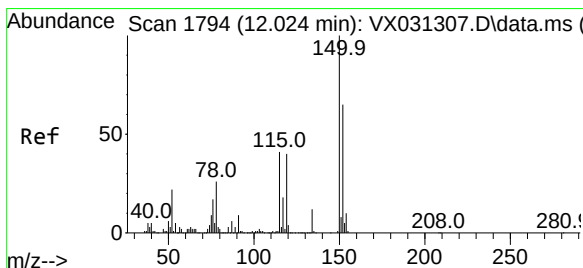
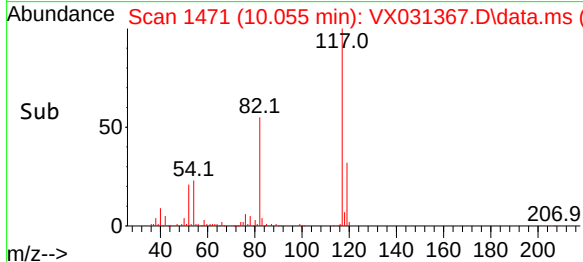
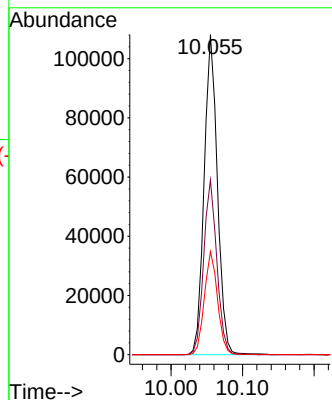
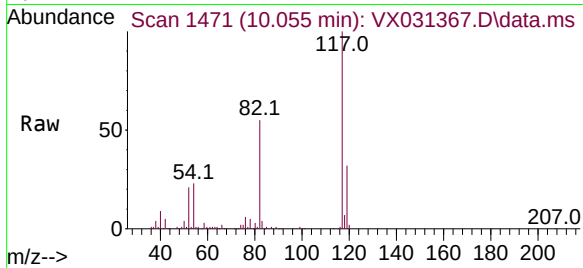




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

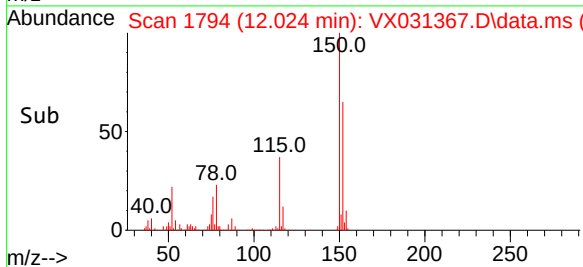
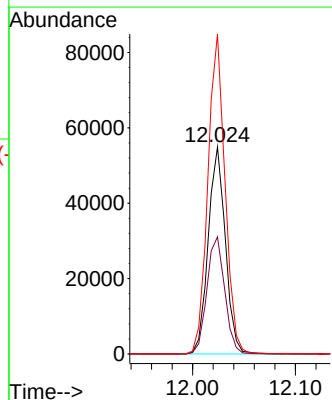
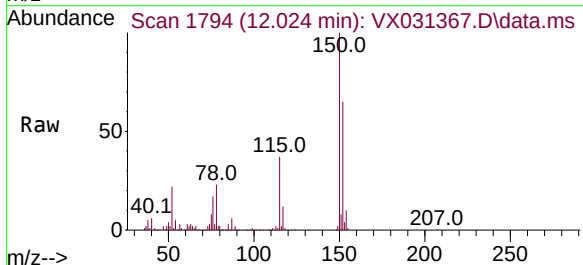
Instrument :
MSVOA_X
ClientSampleId :
BR-01-180-200-090122

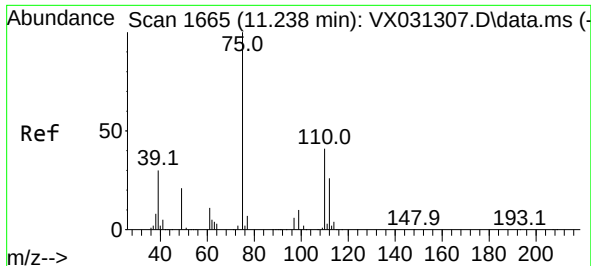
Tgt Ion:117 Resp: 139842
Ion Ratio Lower Upper
117 100
82 54.6 46.8 70.2
119 32.2 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

Tgt Ion:152 Resp: 64030
Ion Ratio Lower Upper
152 100
115 58.6 43.4 130.1
150 154.5 0.0 346.8

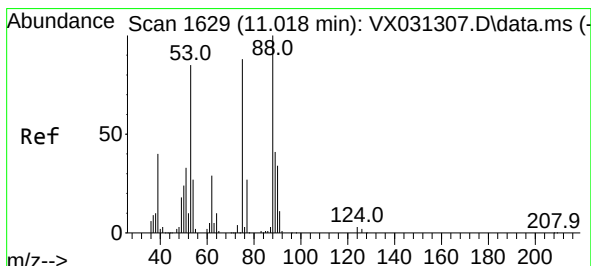
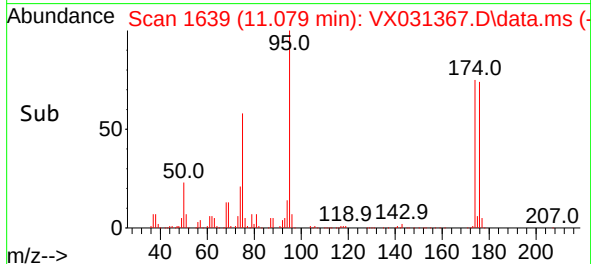
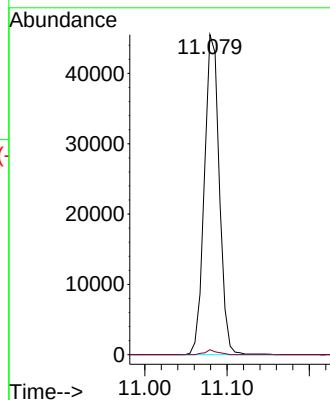
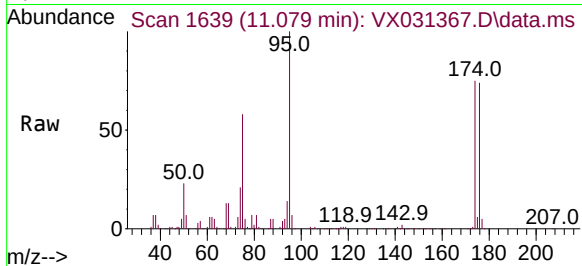




#76
1,2,3-Trichloropropane
Concen: 35.575 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

Instrument :
MSVOA_X
ClientSampleId :
BR-01-180-200-090122

Tgt Ion: 75 Resp: 57402
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.436 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031367.D
Acq: 15 Sep 2022 20:29

Tgt Ion: 75 Resp: 57402
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

