

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031369.D
 Acq On : 15 Sep 2022 21:16
 Operator : JC/MD
 Sample : N4508-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-090222

Quant Time: Sep 16 04:58:37 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)

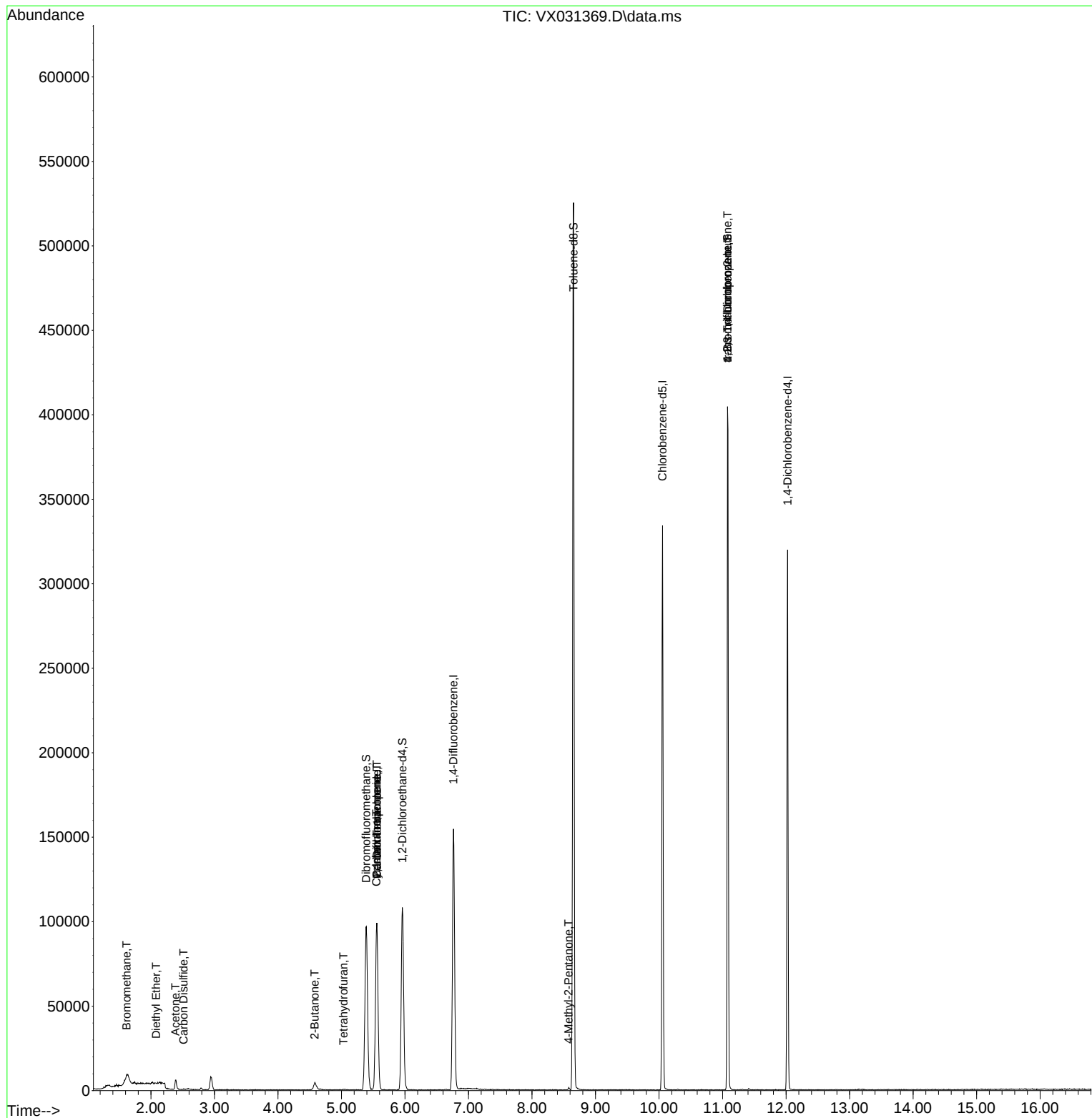
Internal Standards						
1) Pentafluorobenzene	5.556	168	92926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	156386	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98121	43.018	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.040%		
35) Dibromofluoromethane	5.385	113	81337	48.385	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.780%		
50) Toluene-d8	8.653	98	306356	48.583	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.160%		
62) 4-Bromofluorobenzene	11.079	95	95646	41.421	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	82.840%#		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	116	Below Cal	#	41
5) Bromomethane	1.617	94	479	0.393	ug/l	86
8) Diethyl Ether	2.081	74	19	0.543	ug/l #	1
11) Tert butyl alcohol	2.946	59	4603	Below Cal	#	73
16) Acetone	2.386	43	6999	7.188	ug/l	94
17) Carbon Disulfide	2.514	76	333	0.985	ug/l #	75
20) Methylene Chloride	2.788	84	487	Below Cal	#	77
21) trans-1,2-Dichloroethene	3.087	96	26	Below Cal	#	1
25) 2-Butanone	4.574	43	1772	1.103	ug/l	93
29) Tetrahydrofuran	5.031	42	338	0.340	ug/l #	43
31) Cyclohexane	5.550	56	2311	0.943	ug/l #	41
36) 1,1-Dichloropropene	5.556	75	7714	3.353	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9550	3.818	ug/l #	15
51) 4-Methyl-2-Pentanone	8.573	43	877	0.280	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	55576	36.299	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	55576	100.439	ug/l #	11

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

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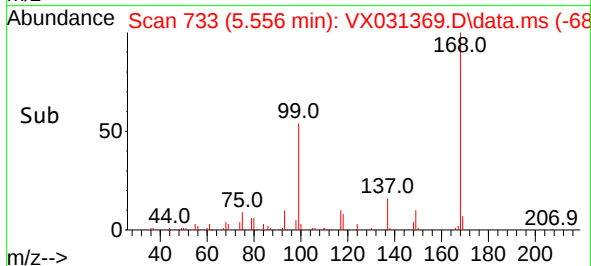
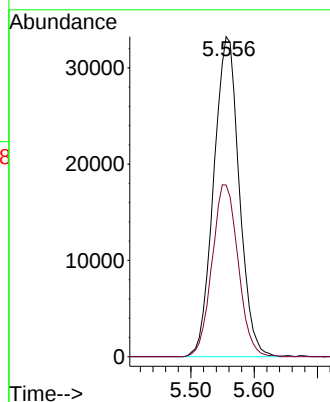
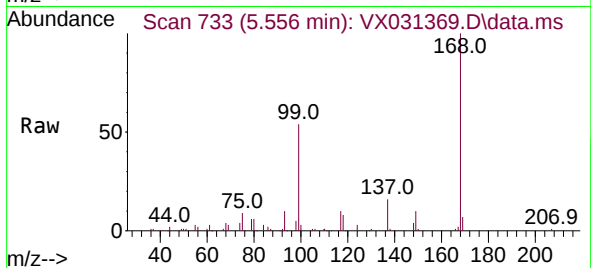




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031369.D
Acq: 15 Sep 2022 21:16

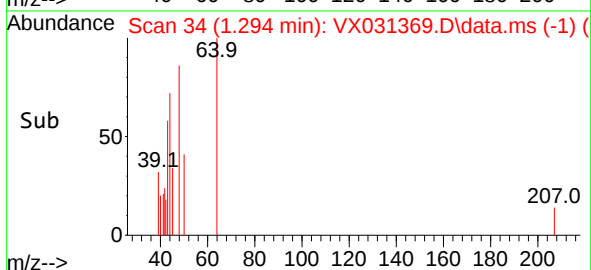
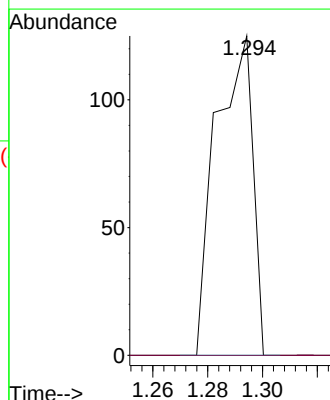
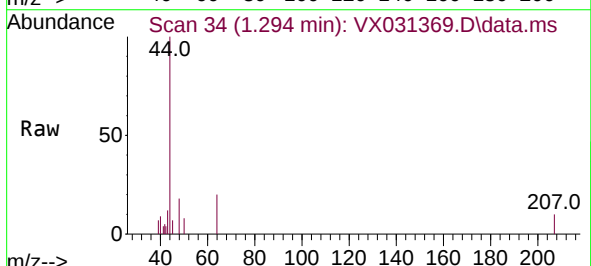
Instrument :
MSVOA_X
ClientSampleId :
EB02-090222

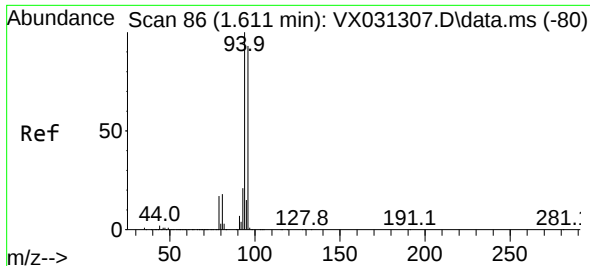
Tgt Ion:168 Resp: 92926
Ion Ratio Lower Upper
168 100
99 53.6 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031369.D
Acq: 15 Sep 2022 21:16

Tgt Ion: 50 Resp: 116
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

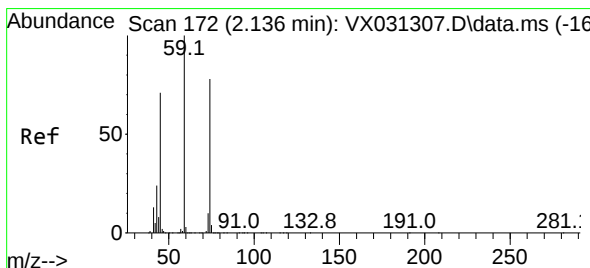
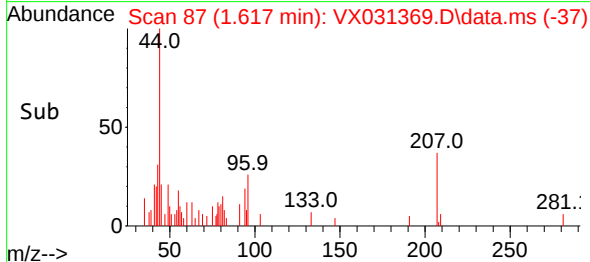
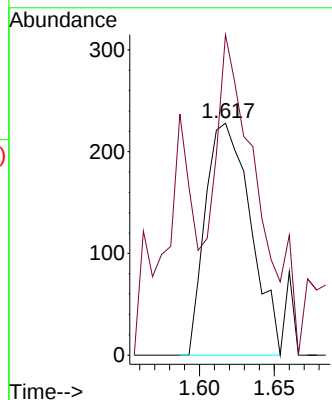
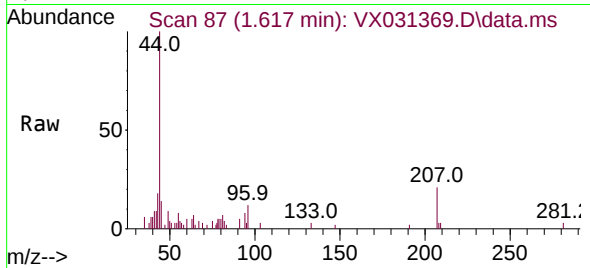




#5
 Bromomethane
 Concen: 0.393 ug/l
 RT: 1.617 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VX031369.D
 Acq: 15 Sep 2022 21:16

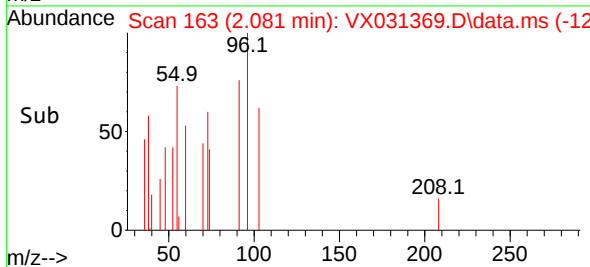
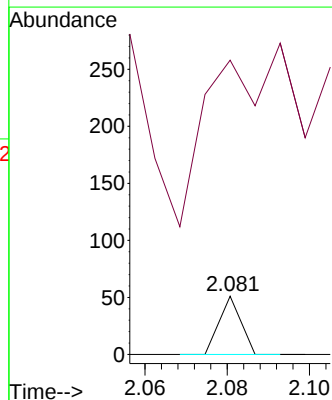
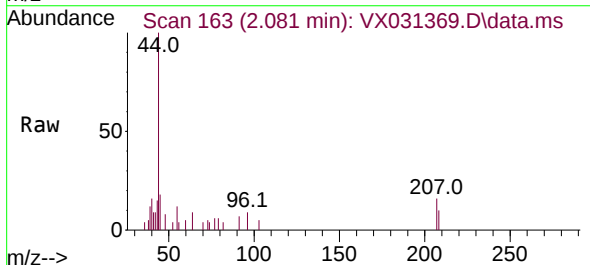
Instrument :
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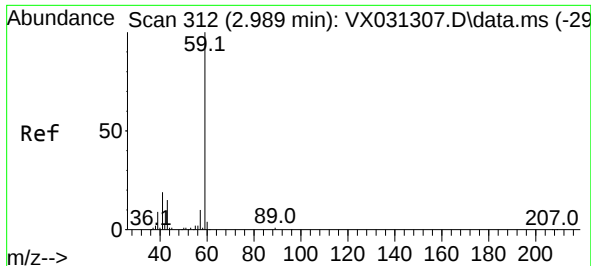
Tgt Ion: 94 Resp: 479
 Ion Ratio Lower Upper
 94 100
 96 106.6 74.4 111.6



#8
 Diethyl Ether
 Concen: 0.543 ug/l
 RT: 2.081 min Scan# 163
 Delta R.T. -0.055 min
 Lab File: VX031369.D
 Acq: 15 Sep 2022 21:16

Tgt Ion: 74 Resp: 19
 Ion Ratio Lower Upper
 74 100
 45 710.5 48.5 145.6#

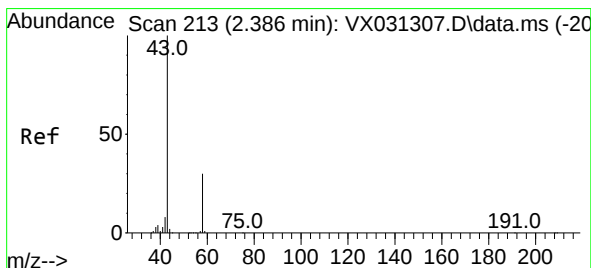
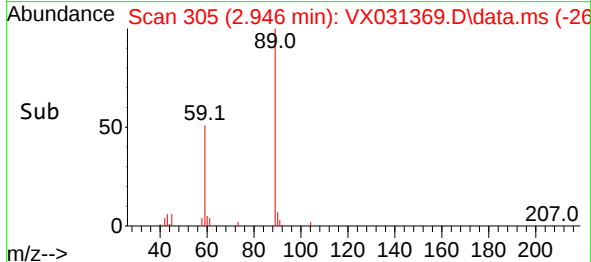
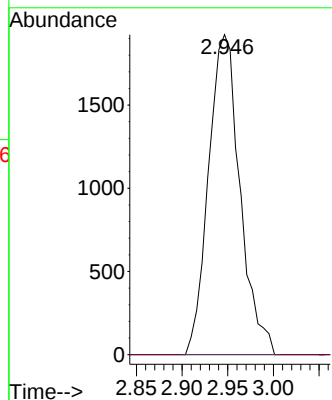
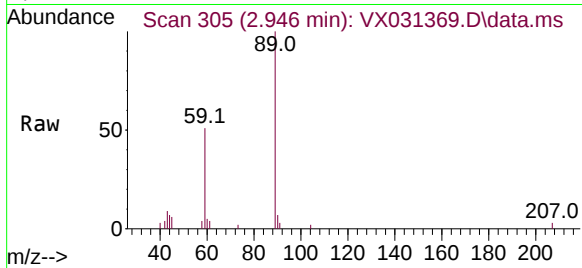




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX031369.D
Acq: 15 Sep 2022 21:16

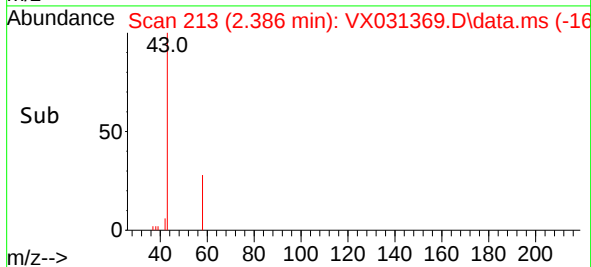
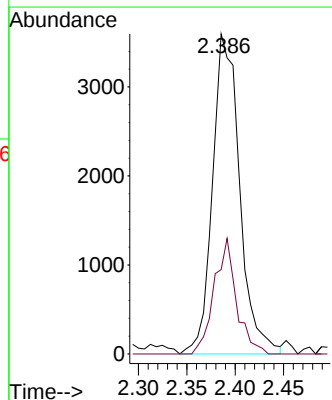
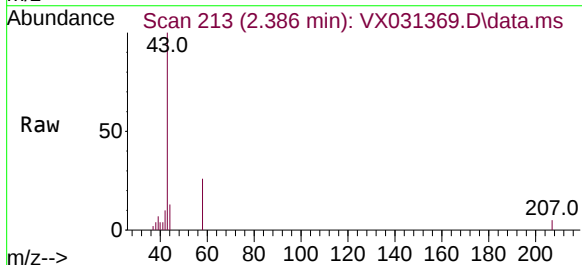
Instrument :
MSVOA_X
ClientSampleId :
EB02-090222

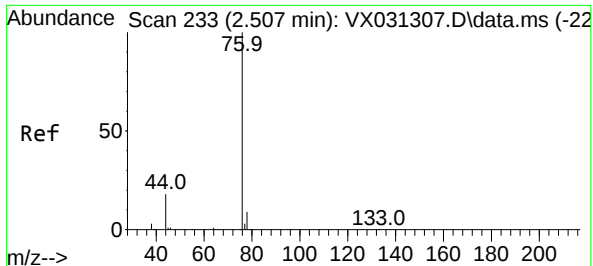
Tgt Ion: 59 Resp: 4603
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 7.188 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031369.D
Acq: 15 Sep 2022 21:16

Tgt Ion: 43 Resp: 6999
Ion Ratio Lower Upper
43 100
58 26.4 23.8 35.8





#17

Carbon Disulfide

Concen: 0.985 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX031369.D

Acq: 15 Sep 2022 21:16

Instrument :

MSVOA_X

ClientSampleId :

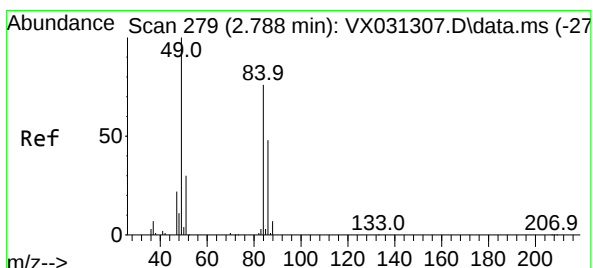
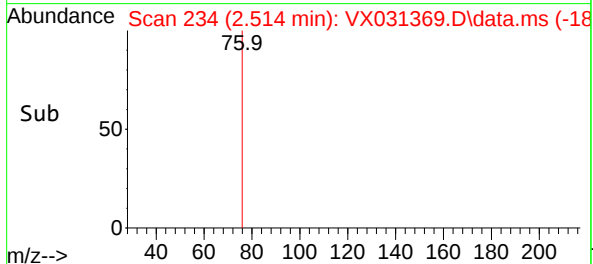
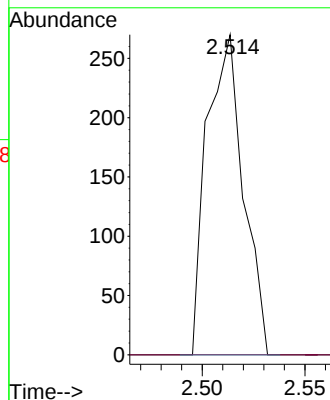
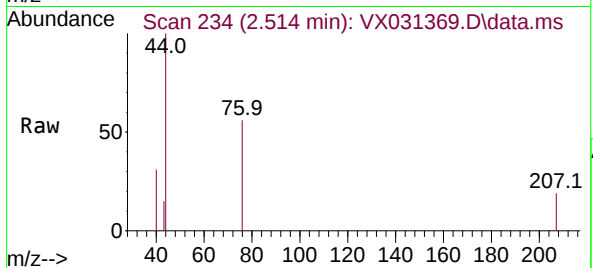
EB02-090222

Tgt Ion: 76 Resp: 333

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX031369.D

Acq: 15 Sep 2022 21:16

Tgt Ion: 84 Resp: 487

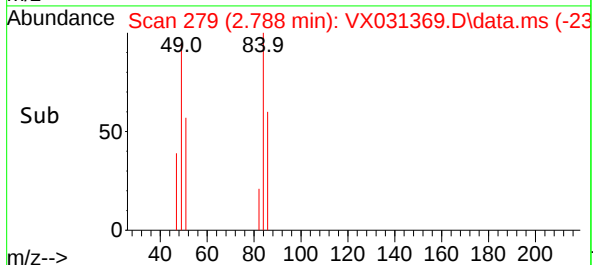
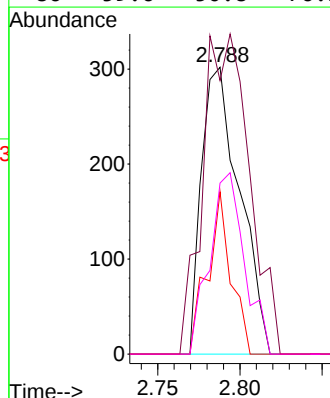
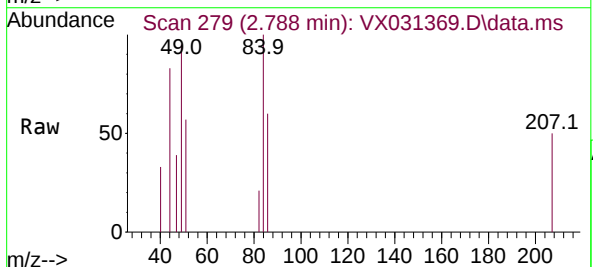
Ion Ratio Lower Upper

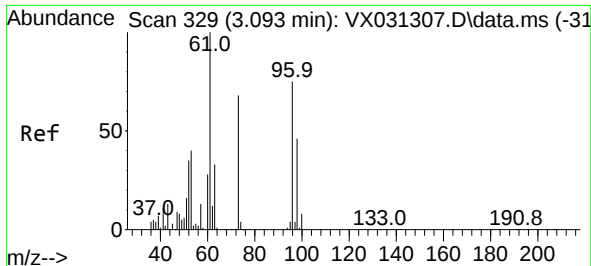
84 100

49 95.4 105.9 158.9#

51 56.6 32.2 48.2#

86 59.6 50.8 76.2

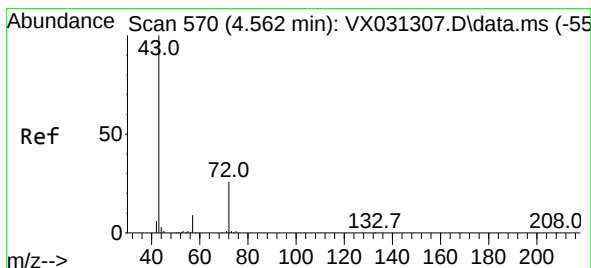
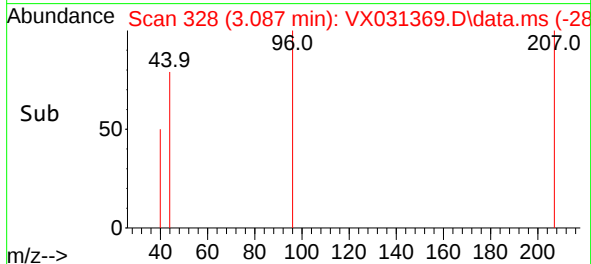
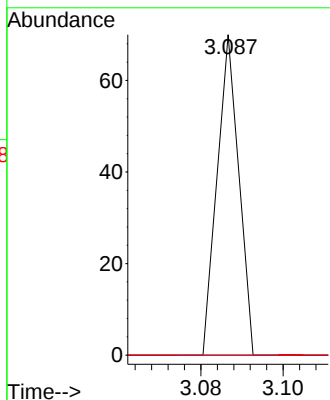
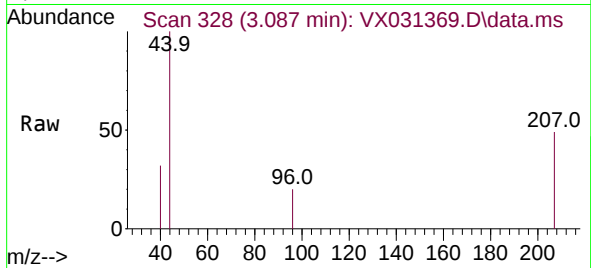




#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031369.D
Acq: 15 Sep 2022 21:16

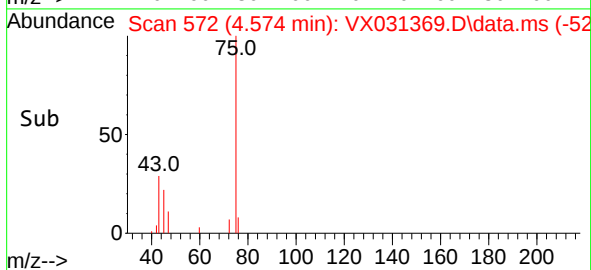
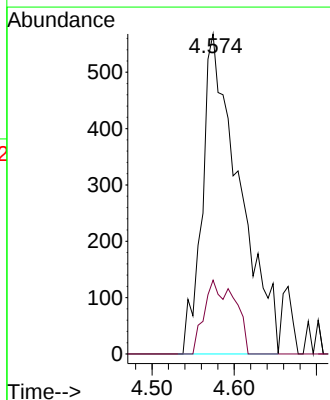
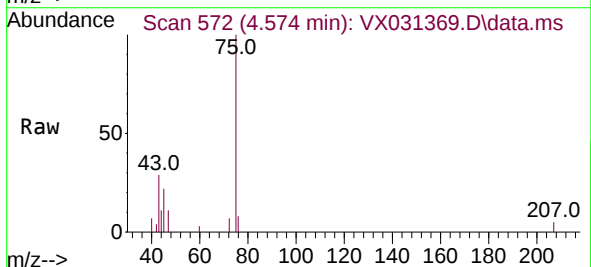
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EB02-090222

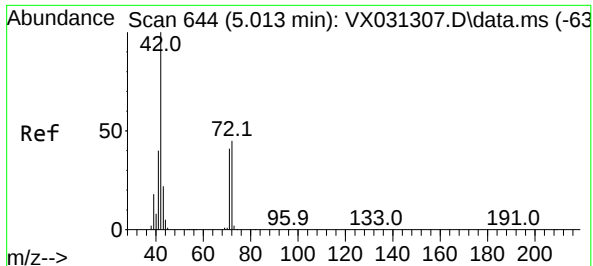
Tgt Ion: 96 Resp: 26
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 48.7 73.1#



#25
2-Butanone
Concen: 1.103 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX031369.D
Acq: 15 Sep 2022 21:16

Tgt Ion: 43 Resp: 1772
Ion Ratio Lower Upper
43 100
72 23.1 21.1 31.7





#29

Tetrahydrofuran

Concen: 0.340 ug/l

RT: 5.031 min Scan# 644

Delta R.T. 0.018 min

Lab File: VX031369.D

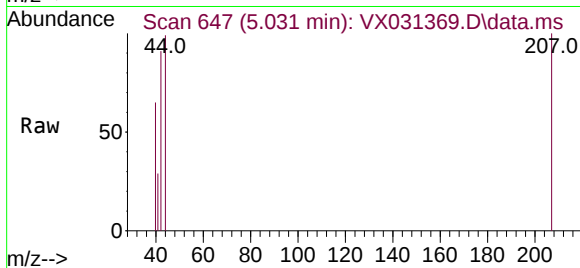
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Instrument :

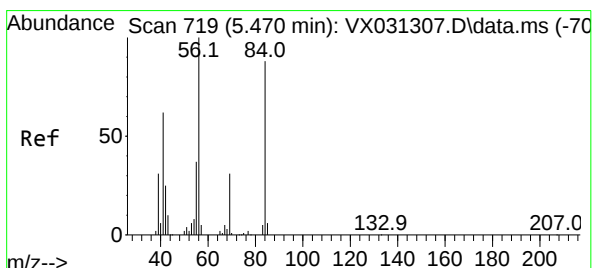
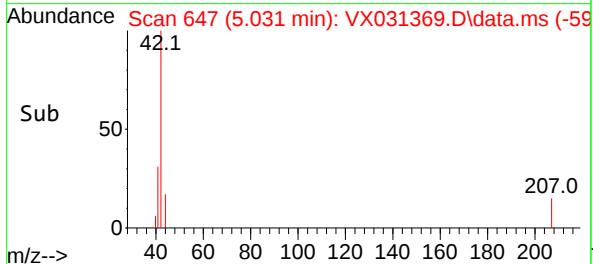
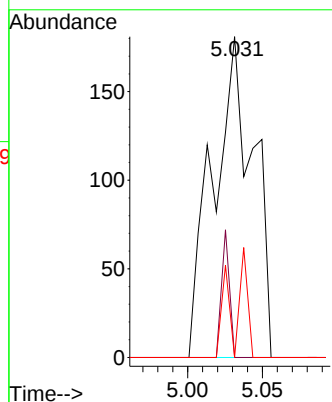
MSVOA_X

ClientSampleId :

EB02-090222



Tgt Ion: 42	Resp: 338
Ion Ratio	Lower Upper
42	100
72	7.7 36.4 54.6#
71	5.6 33.5 50.3#



#31

Cyclohexane

Concen: 0.943 ug/l

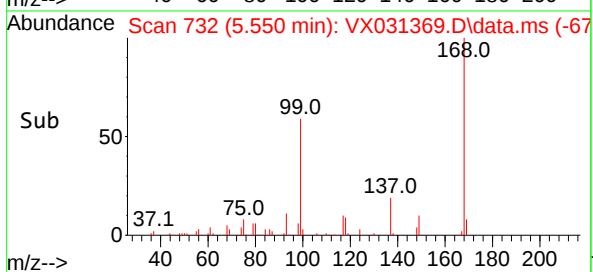
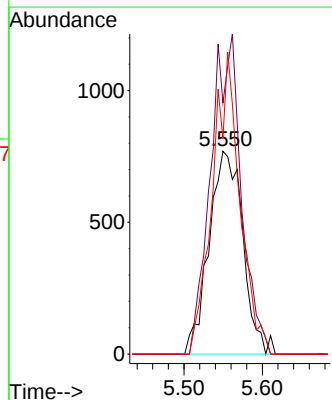
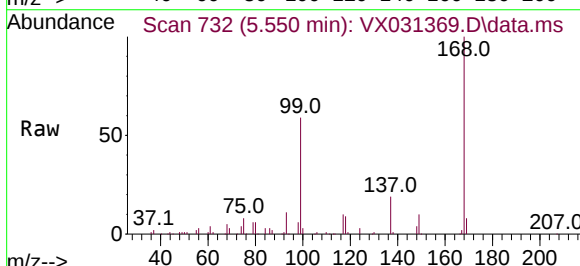
RT: 5.550 min Scan# 732

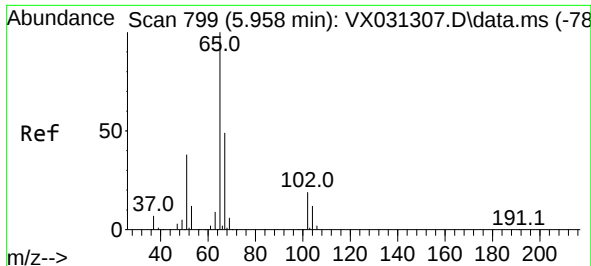
Delta R.T. 0.079 min

Lab File: VX031369.D

Acq: 15 Sep 2022 21:16

Tgt Ion: 56	Resp: 2311
Ion Ratio	Lower Upper
56	100
69	123.8 25.1 37.7#
84	106.2 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 43.018 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031369.D

Acq: 15 Sep 2022 21:16

Instrument :

MSVOA_X

ClientSampleId :

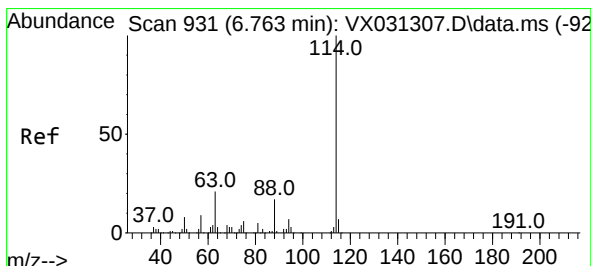
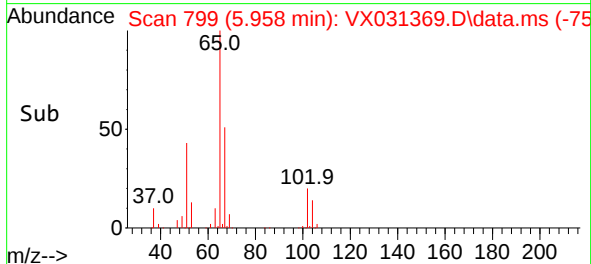
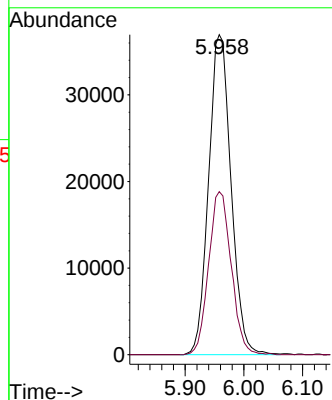
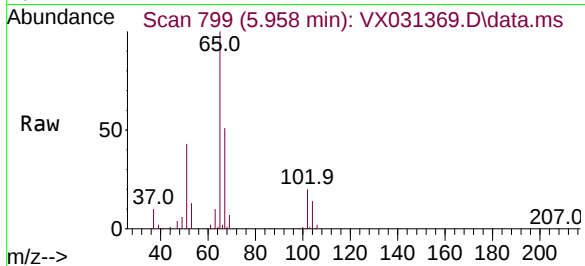
EB02-090222

Tgt Ion: 65 Resp: 98121

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031369.D

Acq: 15 Sep 2022 21:16

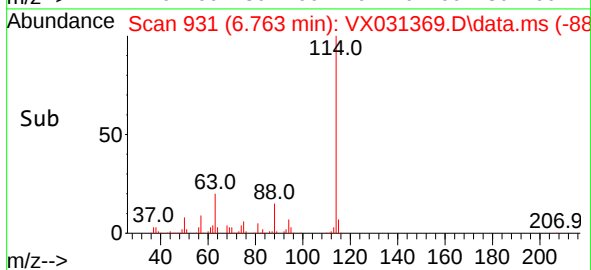
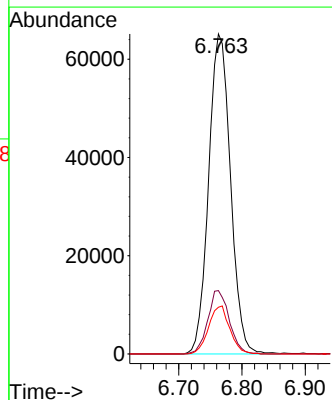
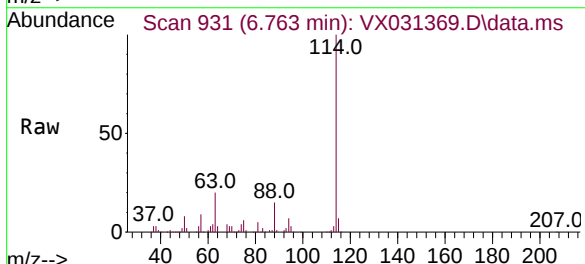
Tgt Ion: 114 Resp: 156386

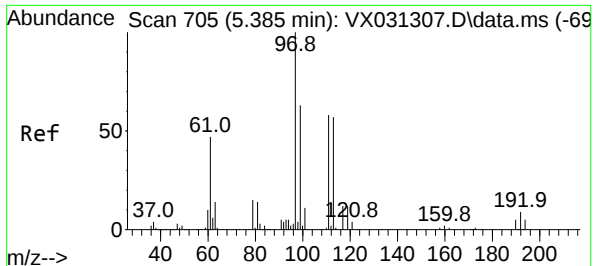
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

88 14.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.385 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX031369.D

Acq: 15 Sep 2022 21:16

Instrument :

MSVOA_X

ClientSampleId :

EB02-090222

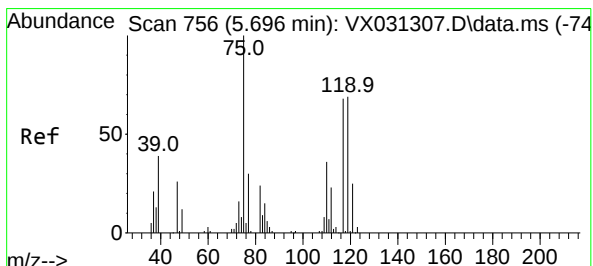
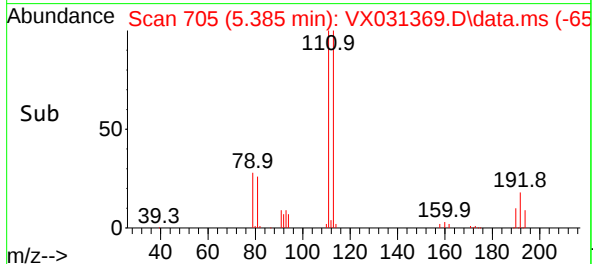
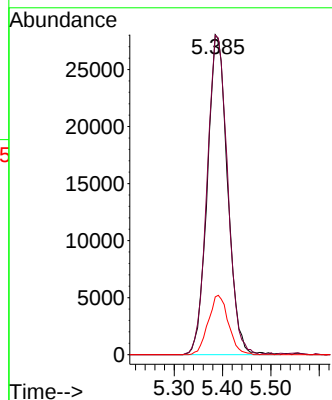
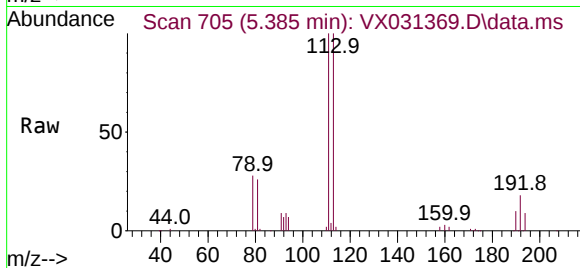
Tgt Ion:113 Resp: 81337

Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

192 18.5 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.353 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX031369.D

Acq: 15 Sep 2022 21:16

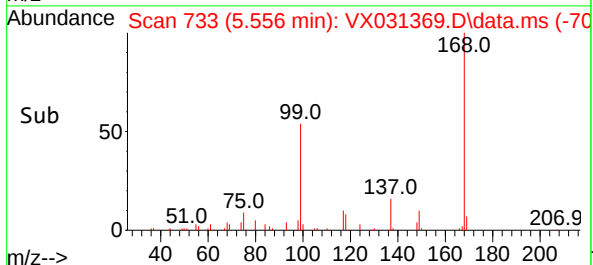
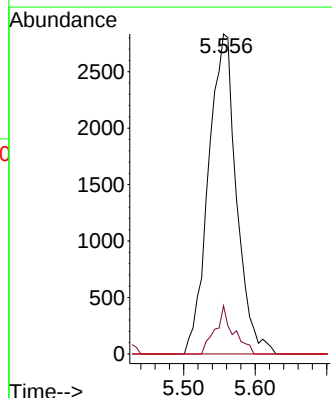
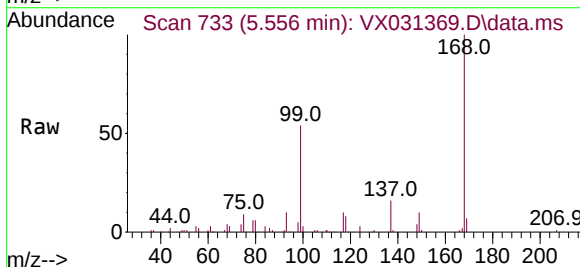
Tgt Ion: 75 Resp: 7714

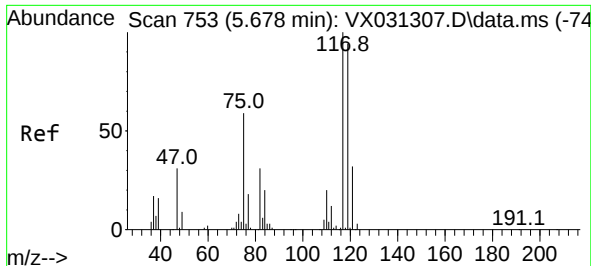
Ion Ratio Lower Upper

75 100

110 9.7 17.5 52.5#

77 0.0 24.9 37.3#

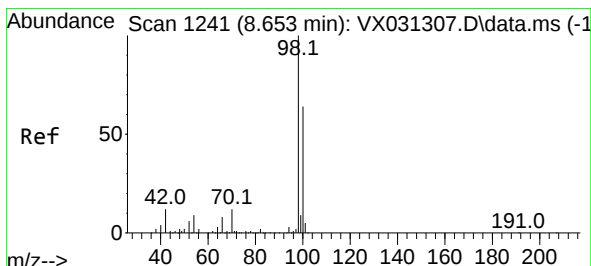
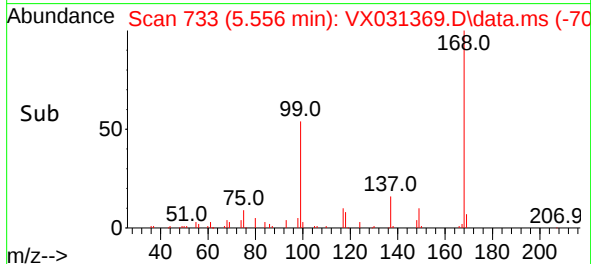
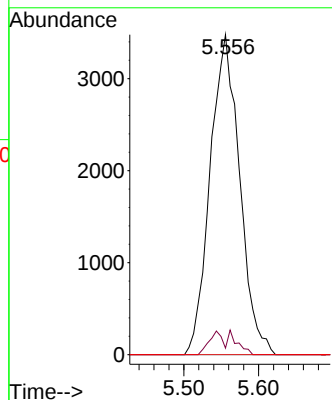
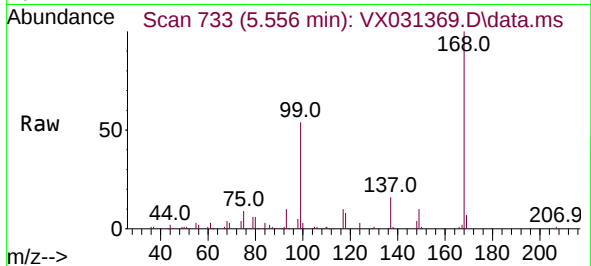




#38
Carbon Tetrachloride
Concen: 3.818 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX031369.D
Acq: 15 Sep 2022 21:16

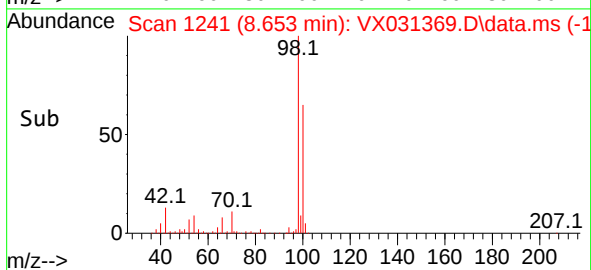
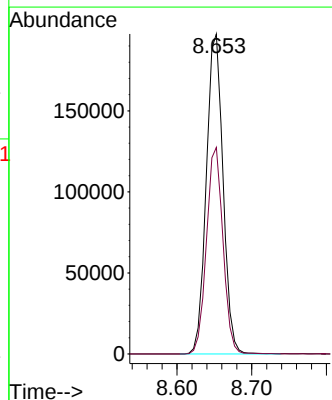
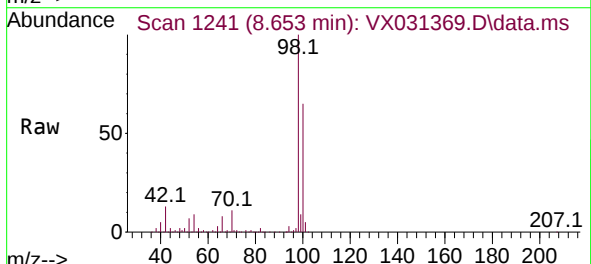
Instrument :
MSVOA_X
ClientSampleId :
EB02-090222

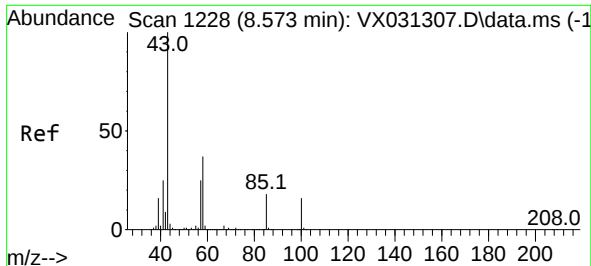
Tgt Ion:117 Resp: 9550
Ion Ratio Lower Upper
117 100
119 2.0 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.583 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031369.D
Acq: 15 Sep 2022 21:16

Tgt Ion: 98 Resp: 306356
Ion Ratio Lower Upper
98 100
100 63.9 52.5 78.7

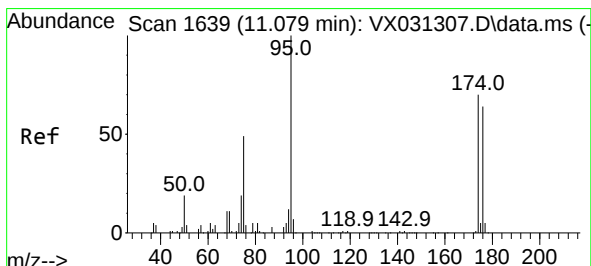
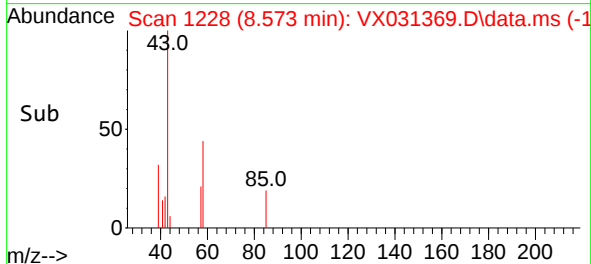
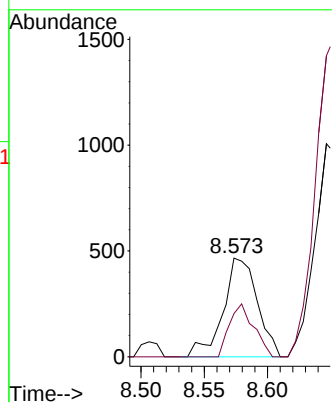
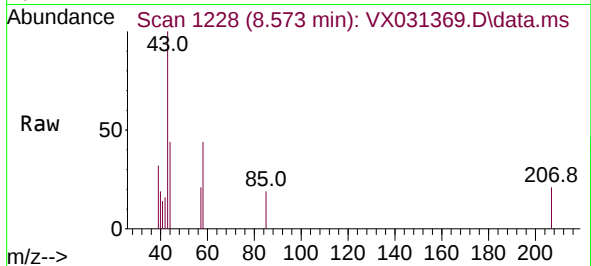




#51
4-Methyl-2-Pentanone
Concen: 0.280 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031369.D
Acq: 15 Sep 2022 21:16

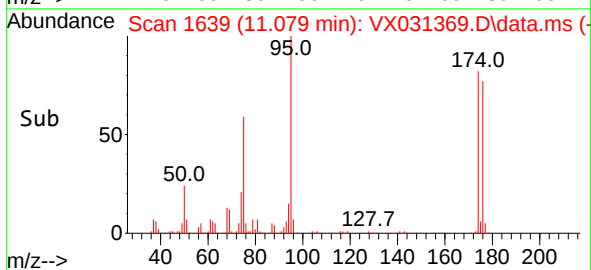
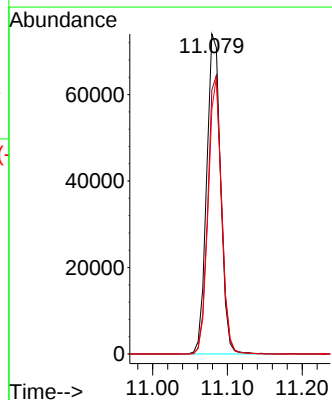
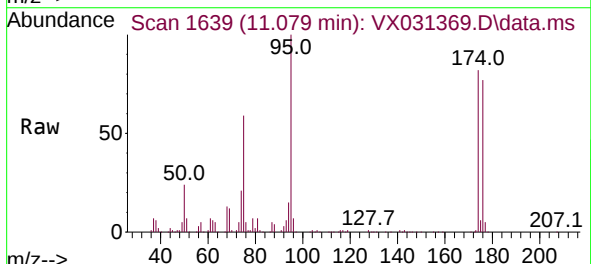
Instrument :
MSVOA_X
ClientSampleId :
EB02-090222

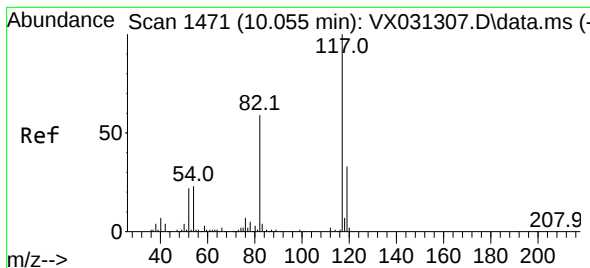
Tgt Ion: 43 Resp: 877
Ion Ratio Lower Upper
43 100
58 38.1 30.6 46.0



#62
4-Bromofluorobenzene
Concen: 41.421 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031369.D
Acq: 15 Sep 2022 21:16

Tgt Ion: 95 Resp: 95646
Ion Ratio Lower Upper
95 100
174 86.0 0.0 153.2
176 83.0 0.0 144.0

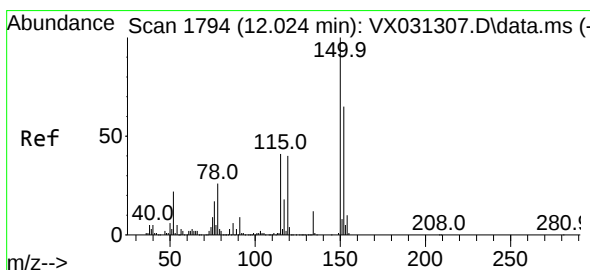
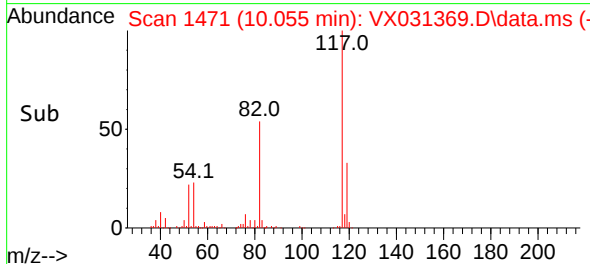
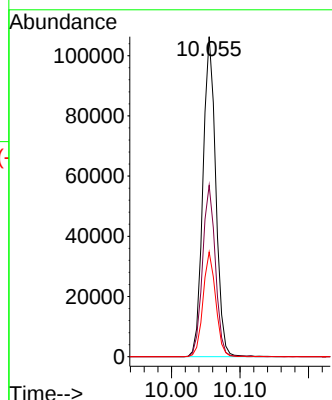
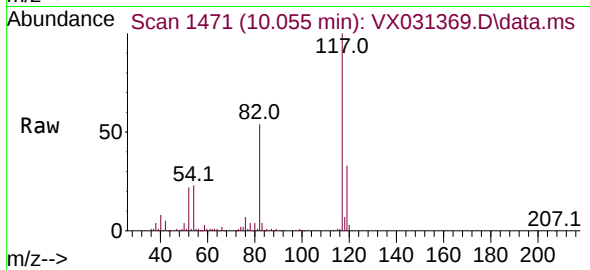




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031369.D
Acq: 15 Sep 2022 21:16

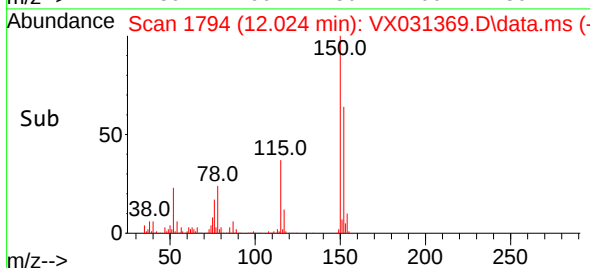
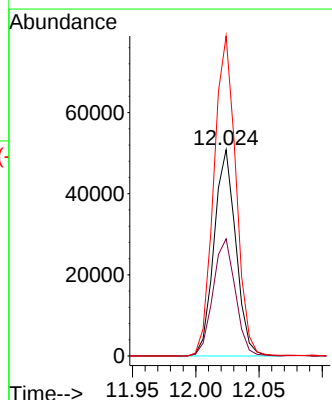
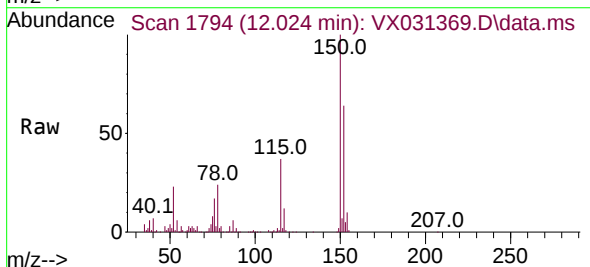
Instrument :
MSVOA_X
ClientSampleId :
EB02-090222

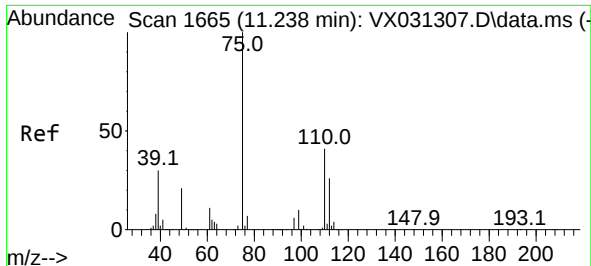
Tgt Ion:117 Resp: 138898
Ion Ratio Lower Upper
117 100
82 53.6 46.8 70.2
119 32.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031369.D
Acq: 15 Sep 2022 21:16

Tgt Ion:152 Resp: 60757
Ion Ratio Lower Upper
152 100
115 58.3 43.4 130.1
150 157.6 0.0 346.8

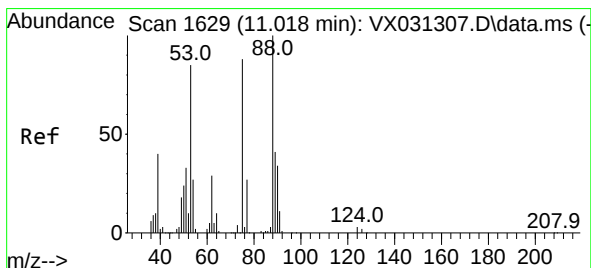
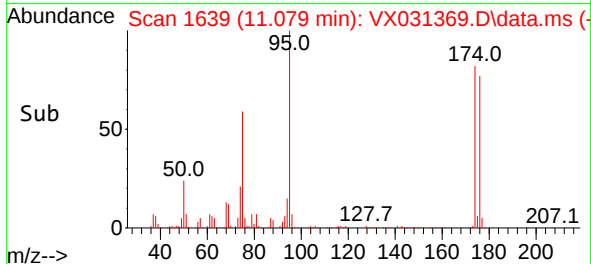
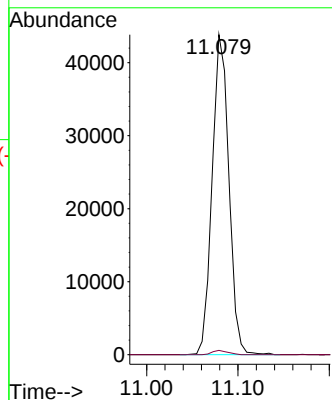
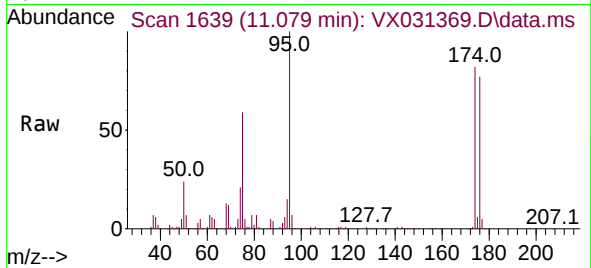




#76
1,2,3-Trichloropropane
Concen: 36.299 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031369.D
Acq: 15 Sep 2022 21:16

Instrument :
MSVOA_X
ClientSampleId :
EB02-090222

Tgt Ion: 75 Resp: 55576
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.439 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031369.D
Acq: 15 Sep 2022 21:16

Tgt Ion: 75 Resp: 55576
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.1 37.4 56.0#

