

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032486.D
 Acq On : 31 Oct 2022 14:34
 Operator : JC/MD
 Sample : N5385-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 251563-6

Quant Time: Nov 01 05:09:58 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)

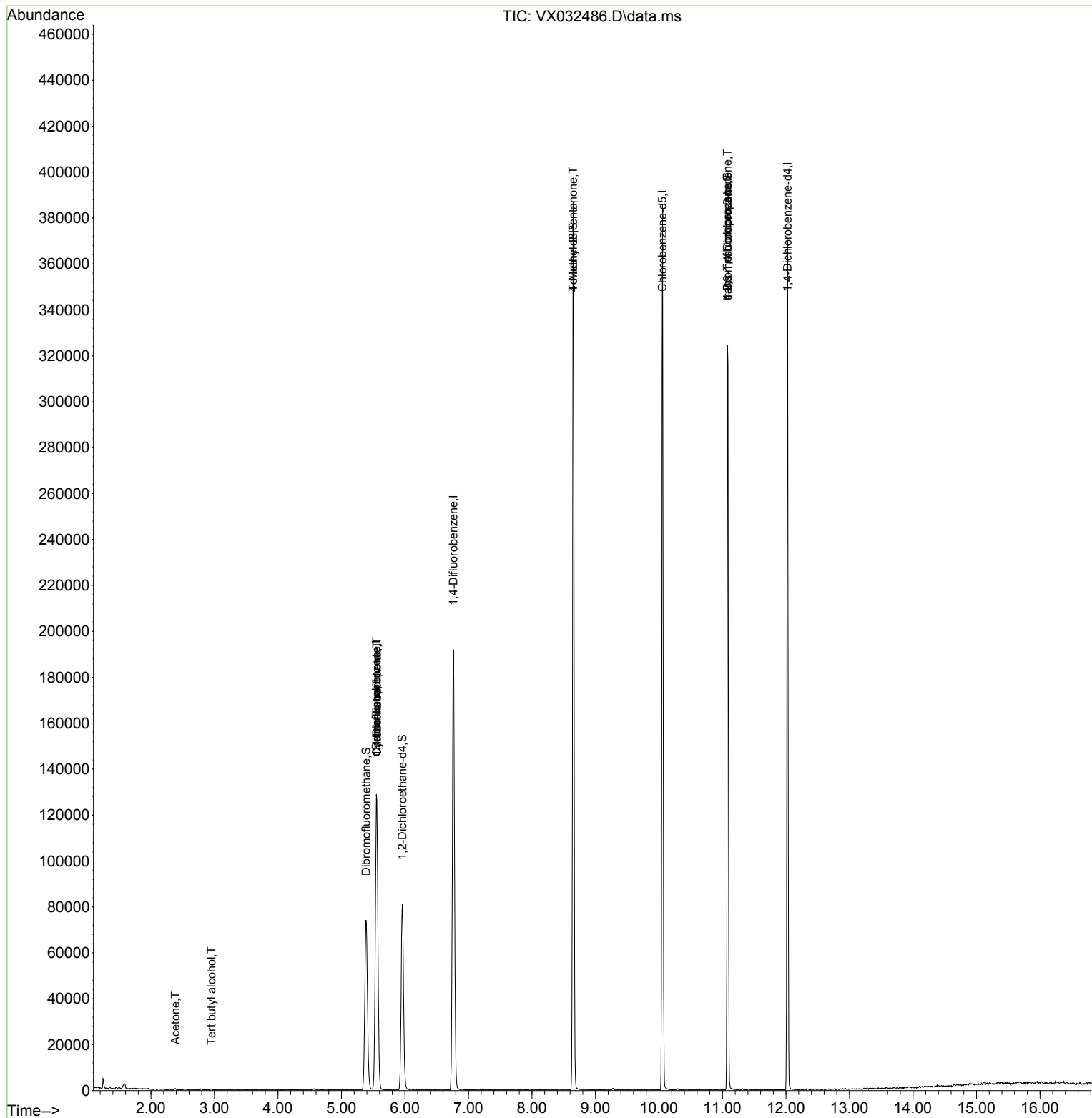
Internal Standards						
1) Pentafluorobenzene	5.550	168	120361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193271	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79495	47.534	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.060%		
35) Dibromofluoromethane	5.385	113	63407	45.993	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.980%		
50) Toluene-d8	8.647	98	227659	47.491	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.980%		
62) 4-Bromofluorobenzene	11.079	95	83839	44.772	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.540%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	379	1.557	ug/l #	72
16) Acetone	2.386	43	773	1.272	ug/l	93
31) Cyclohexane	5.556	56	2806	1.384	ug/l #	31
36) 1,1-Dichloropropene	5.556	75	9430	4.912	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12761	5.993	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1046	0.541	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44742	27.868	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44742	88.676	ug/l #	6

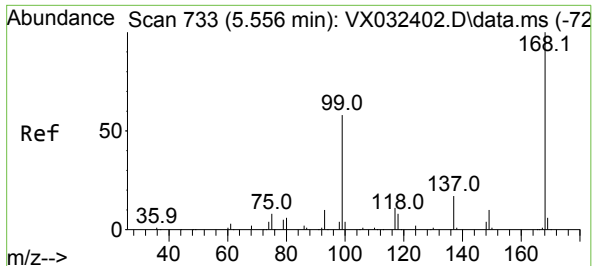
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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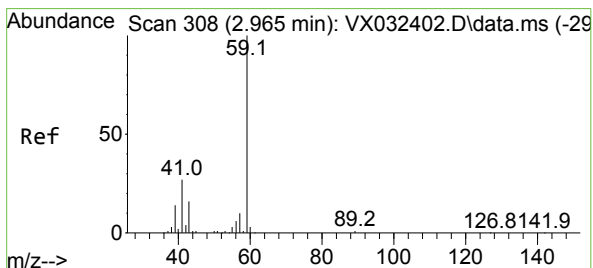
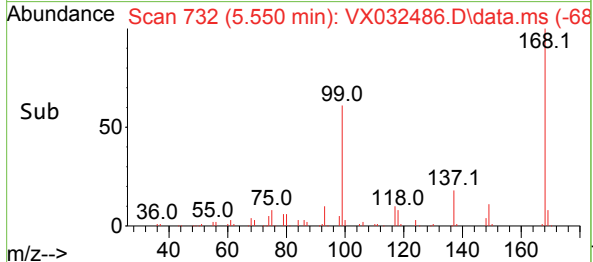
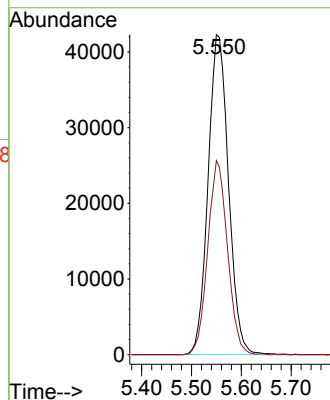
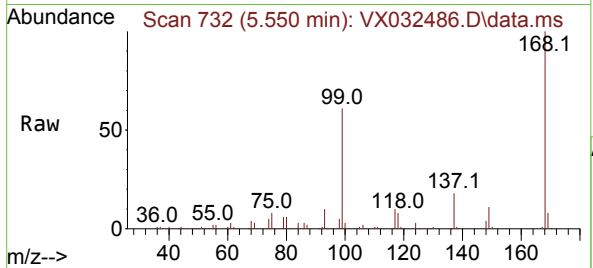




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032486.D
Acq: 31 Oct 2022 14:34

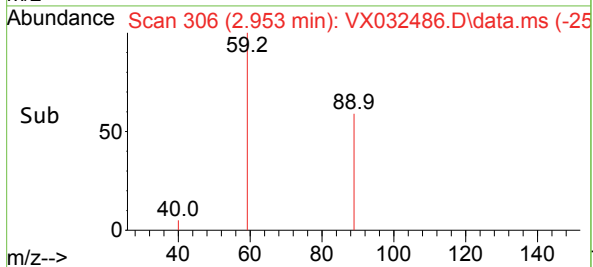
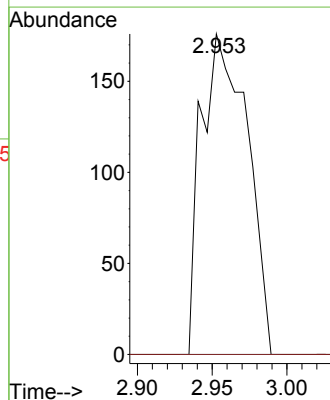
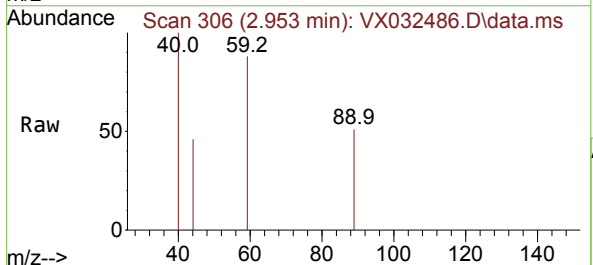
Instrument :
MSVOA_X
ClientSampleId :
251563-6

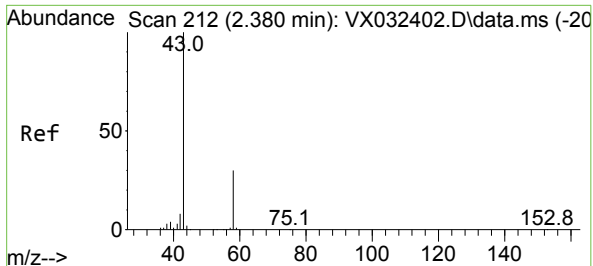
Tgt Ion:168 Resp: 120361
Ion Ratio Lower Upper
168 100
99 60.7 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.557 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX032486.D
Acq: 31 Oct 2022 14:34

Tgt Ion: 59 Resp: 379
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

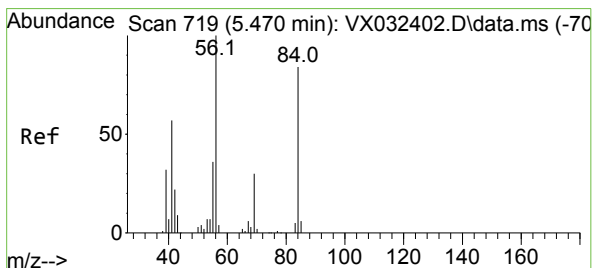
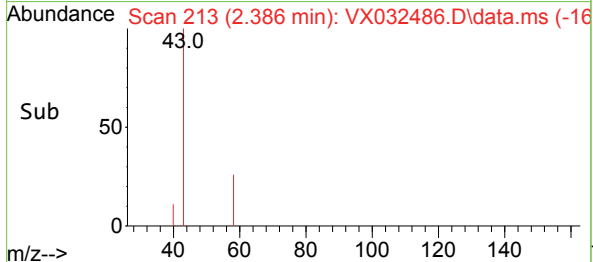
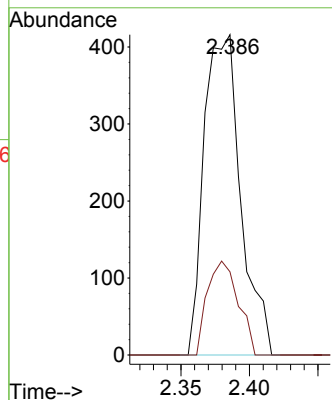
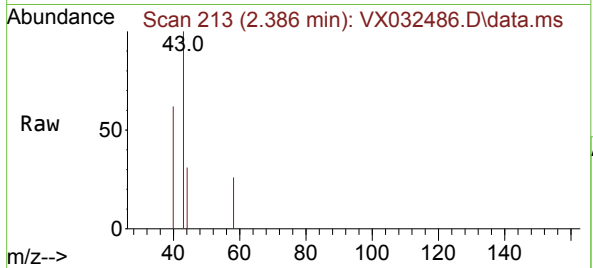




#16
Acetone
Concen: 1.272 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032486.D
Acq: 31 Oct 2022 14:34

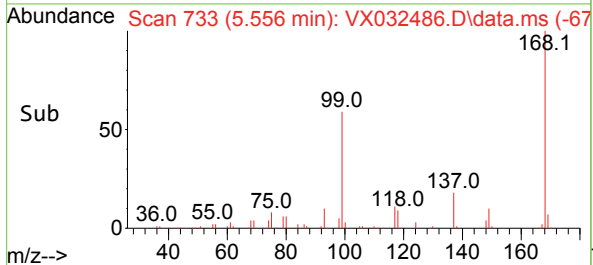
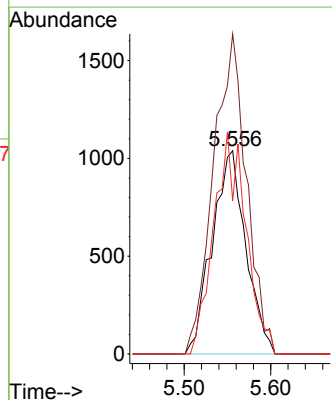
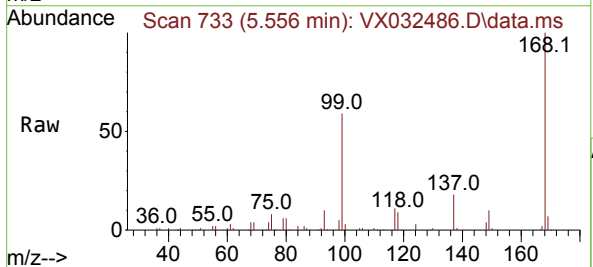
Instrument :
MSVOA_X
ClientSampleId :
251563-6

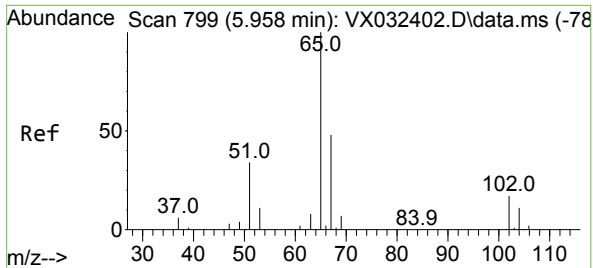
Tgt Ion: 43 Resp: 773
Ion Ratio Lower Upper
43 100
58 26.0 23.8 35.8



#31
Cyclohexane
Concen: 1.384 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX032486.D
Acq: 31 Oct 2022 14:34

Tgt Ion: 56 Resp: 2806
Ion Ratio Lower Upper
56 100
69 157.5 24.1 36.1#
84 75.5 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 47.534 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032486.D

Acq: 31 Oct 2022 14:34

Instrument :

MSVOA_X

ClientSampleId :

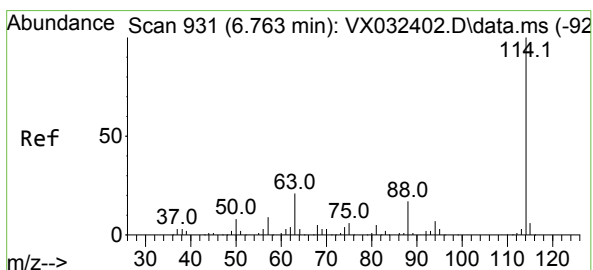
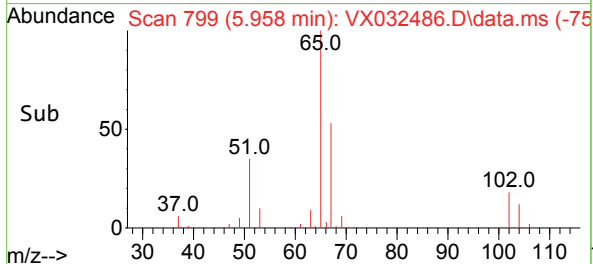
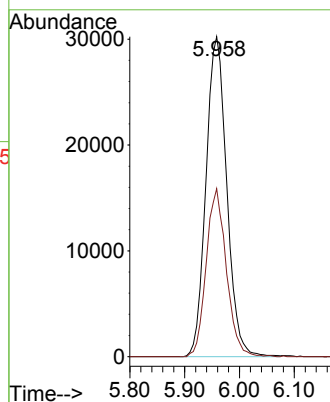
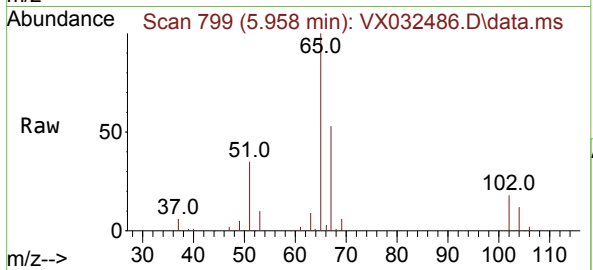
251563-6

Tgt Ion: 65 Resp: 79495

Ion Ratio Lower Upper

65 100

67 50.9 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: VX032486.D

Acq: 31 Oct 2022 14:34

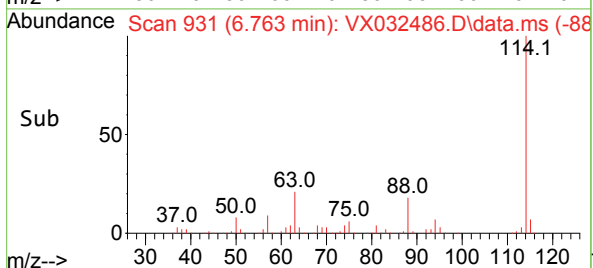
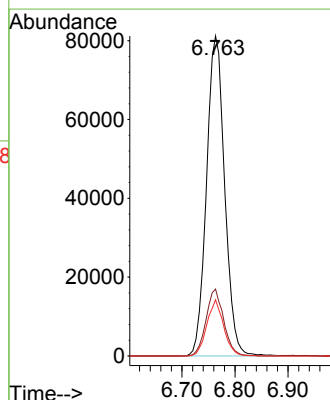
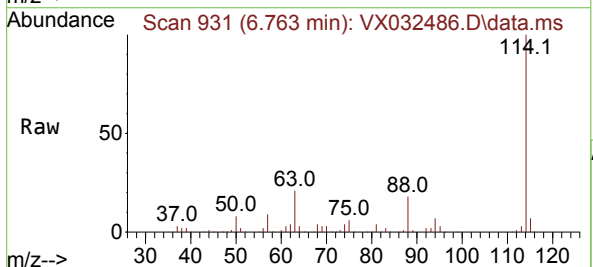
Tgt Ion: 114 Resp: 193271

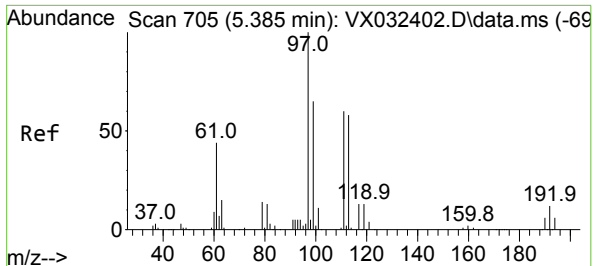
Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.6

88 17.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.993 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032486.D

Acq: 31 Oct 2022 14:34

Instrument :

MSVOA_X

ClientSampleId :

251563-6

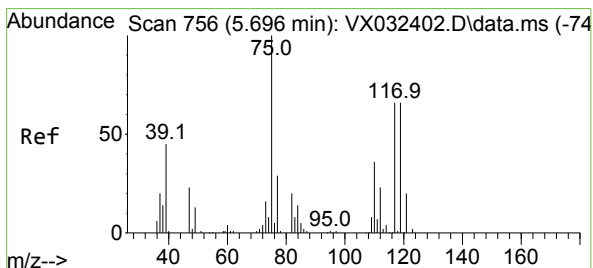
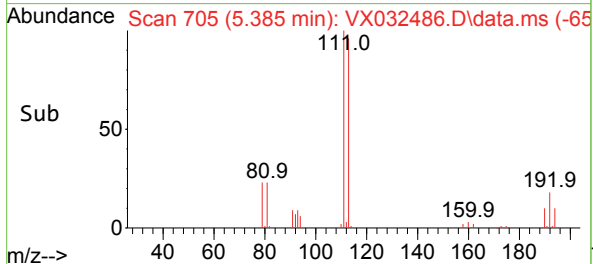
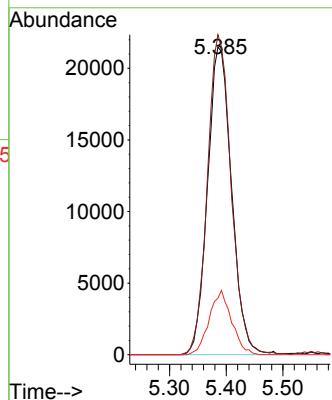
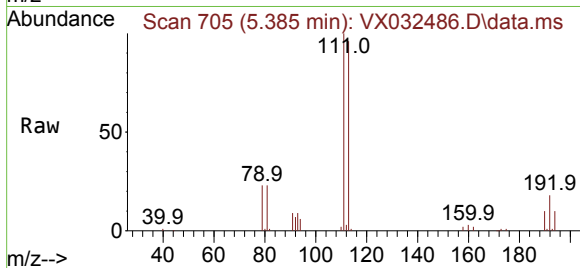
Tgt Ion:113 Resp: 63407

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 19.4 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.912 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX032486.D

Acq: 31 Oct 2022 14:34

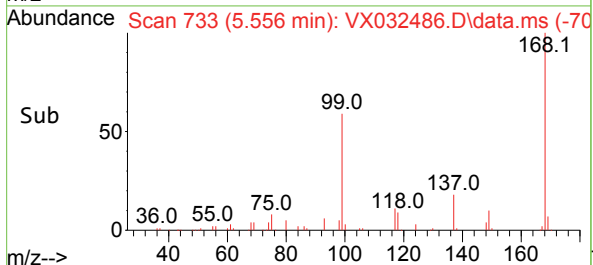
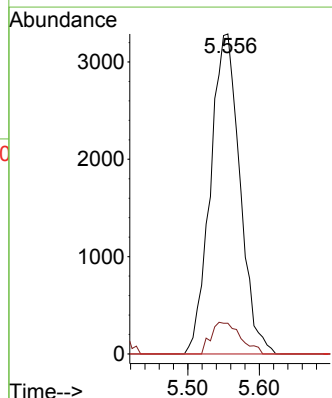
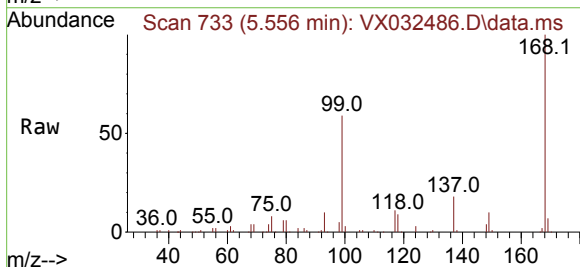
Tgt Ion: 75 Resp: 9430

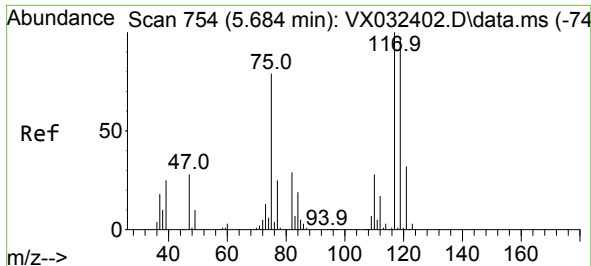
Ion Ratio Lower Upper

75 100

110 9.9 18.4 55.2#

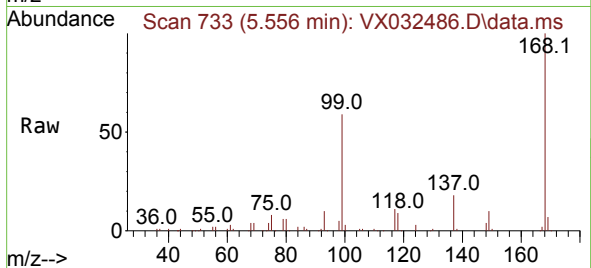
77 0.0 24.5 36.7#



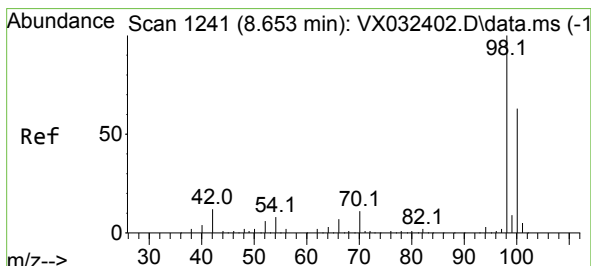
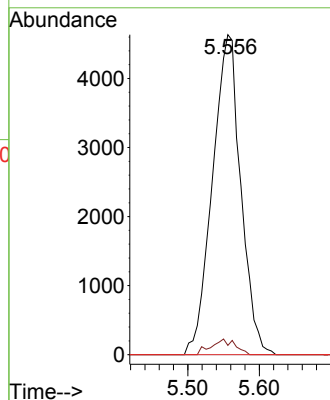
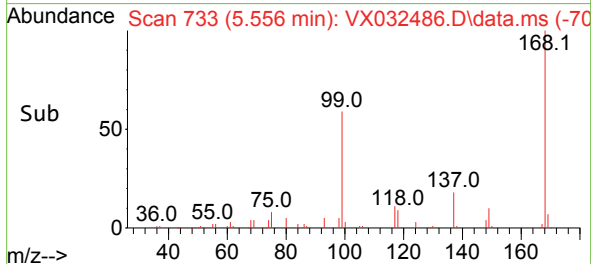


#38
Carbon Tetrachloride
Concen: 5.993 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032486.D
Acq: 31 Oct 2022 14:34

Instrument :
MSVOA_X
ClientSampleId :
251563-6

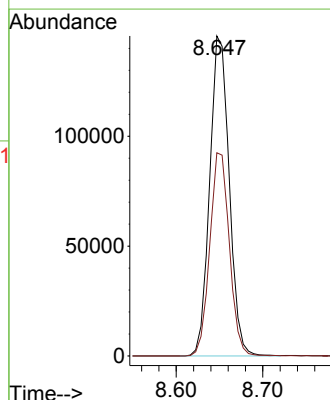
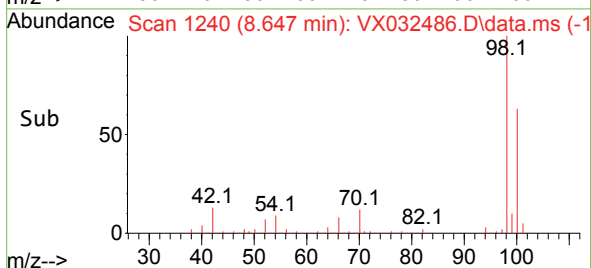
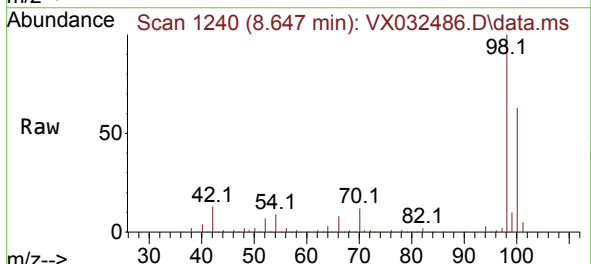


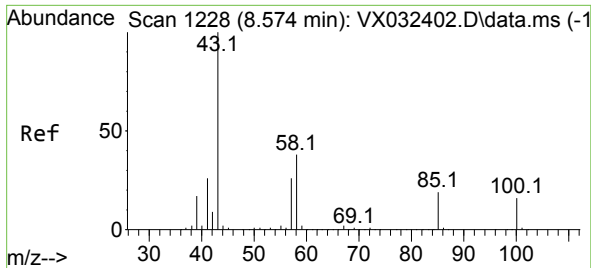
Tgt Ion:117 Resp: 12761
Ion Ratio Lower Upper
117 100
119 2.9 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.491 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032486.D
Acq: 31 Oct 2022 14:34

Tgt Ion: 98 Resp: 227659
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

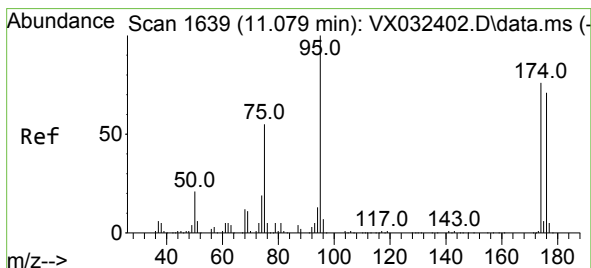
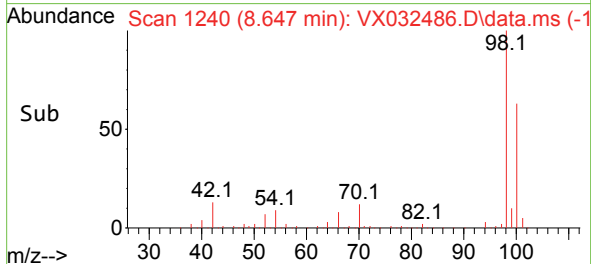
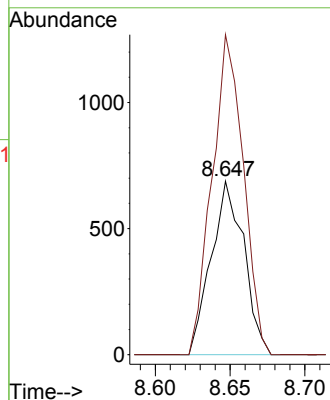
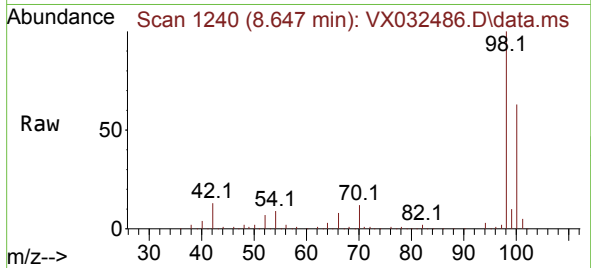




#51
 4-Methyl-2-Pentanone
 Concen: 0.541 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.073 min
 Lab File: VX032486.D
 Acq: 31 Oct 2022 14:34

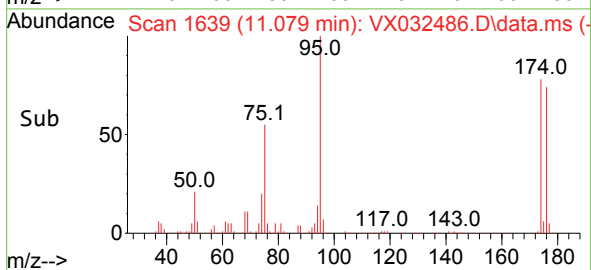
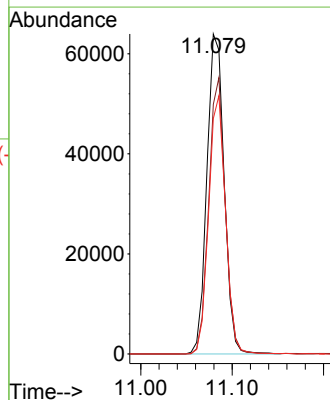
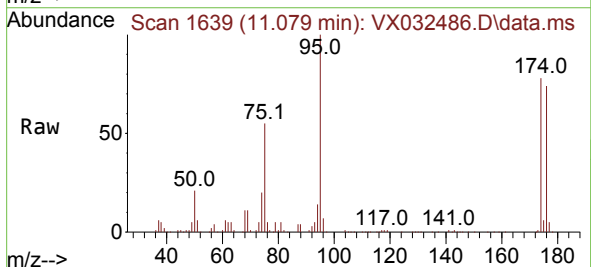
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 ClientSampleId :
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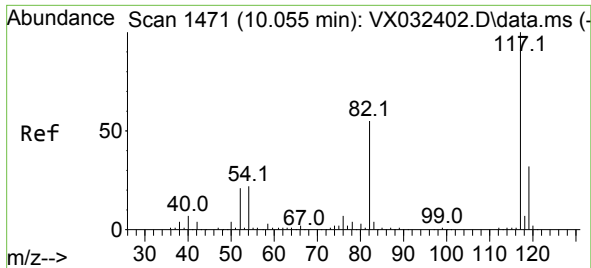
Tgt Ion: 43 Resp: 1046
 Ion Ratio Lower Upper
 43 100
 58 177.2 30.9 46.3#



#62
 4-Bromofluorobenzene
 Concen: 44.772 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX032486.D
 Acq: 31 Oct 2022 14:34

Tgt Ion: 95 Resp: 83839
 Ion Ratio Lower Upper
 95 100
 174 82.6 0.0 164.0
 176 78.9 0.0 154.4

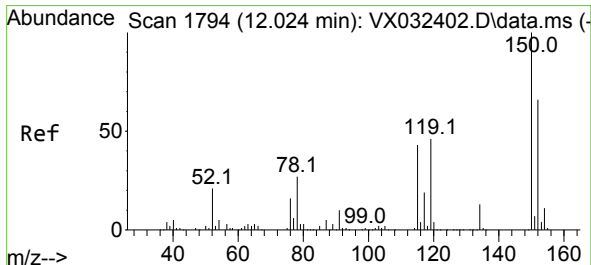
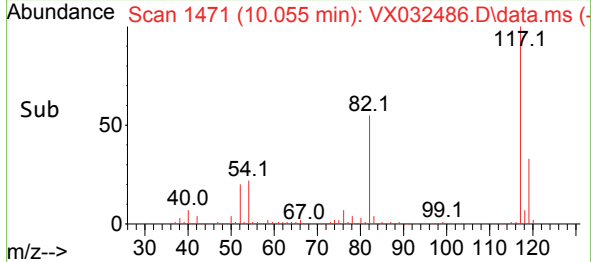
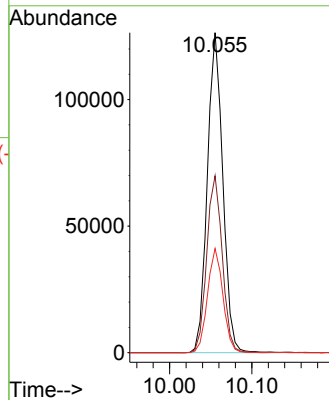
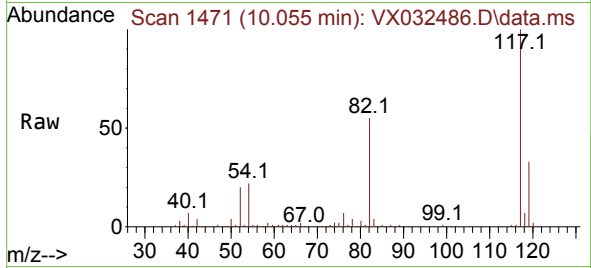




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032486.D
Acq: 31 Oct 2022 14:34

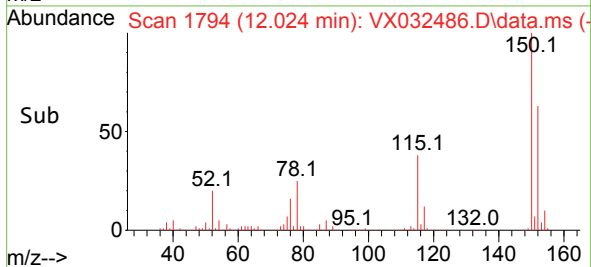
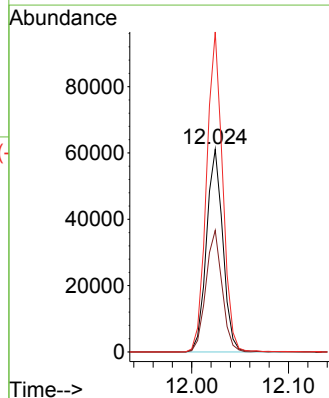
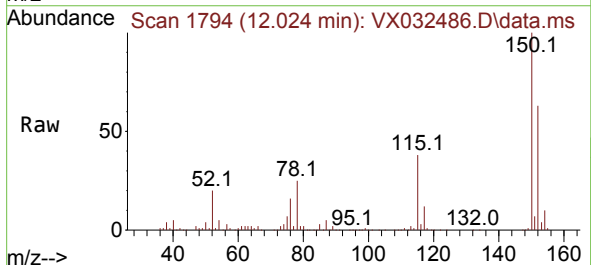
Instrument :
MSVOA_X
ClientSampleId :
251563-6

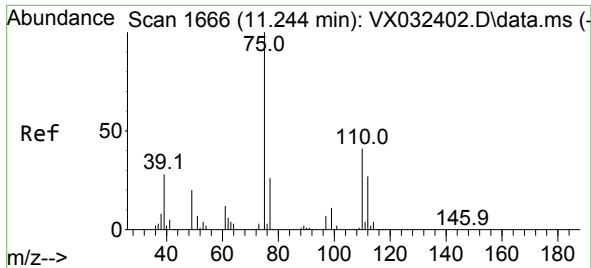
Tgt Ion:117 Resp: 165061
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032486.D
Acq: 31 Oct 2022 14:34

Tgt Ion:152 Resp: 72166
Ion Ratio Lower Upper
152 100
115 59.4 44.0 132.0
150 155.1 0.0 351.8

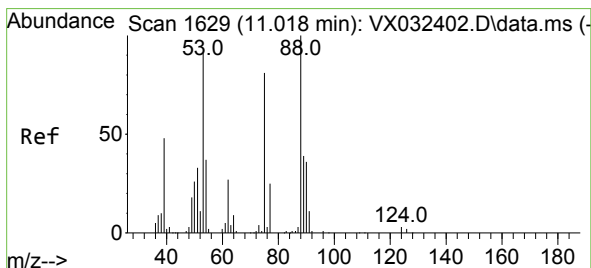
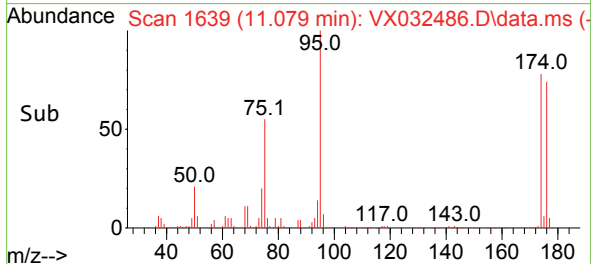
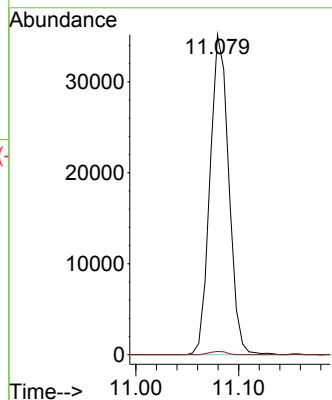
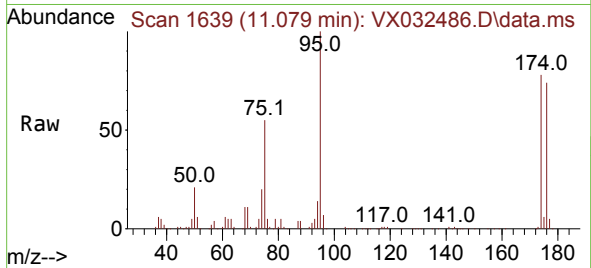




#76
1,2,3-Trichloropropane
Concen: 27.868 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032486.D
Acq: 31 Oct 2022 14:34

Instrument :
MSVOA_X
ClientSampleId :
251563-6

Tgt Ion: 75 Resp: 44742
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.676 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032486.D
Acq: 31 Oct 2022 14:34

Tgt Ion: 75 Resp: 44742
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

