

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102722\
 Data File : VX032427.D
 Acq On : 27 Oct 2022 14:43
 Operator : JC/MD
 Sample : N5292-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 251032-3

Quant Time: Oct 28 07:13:04 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)

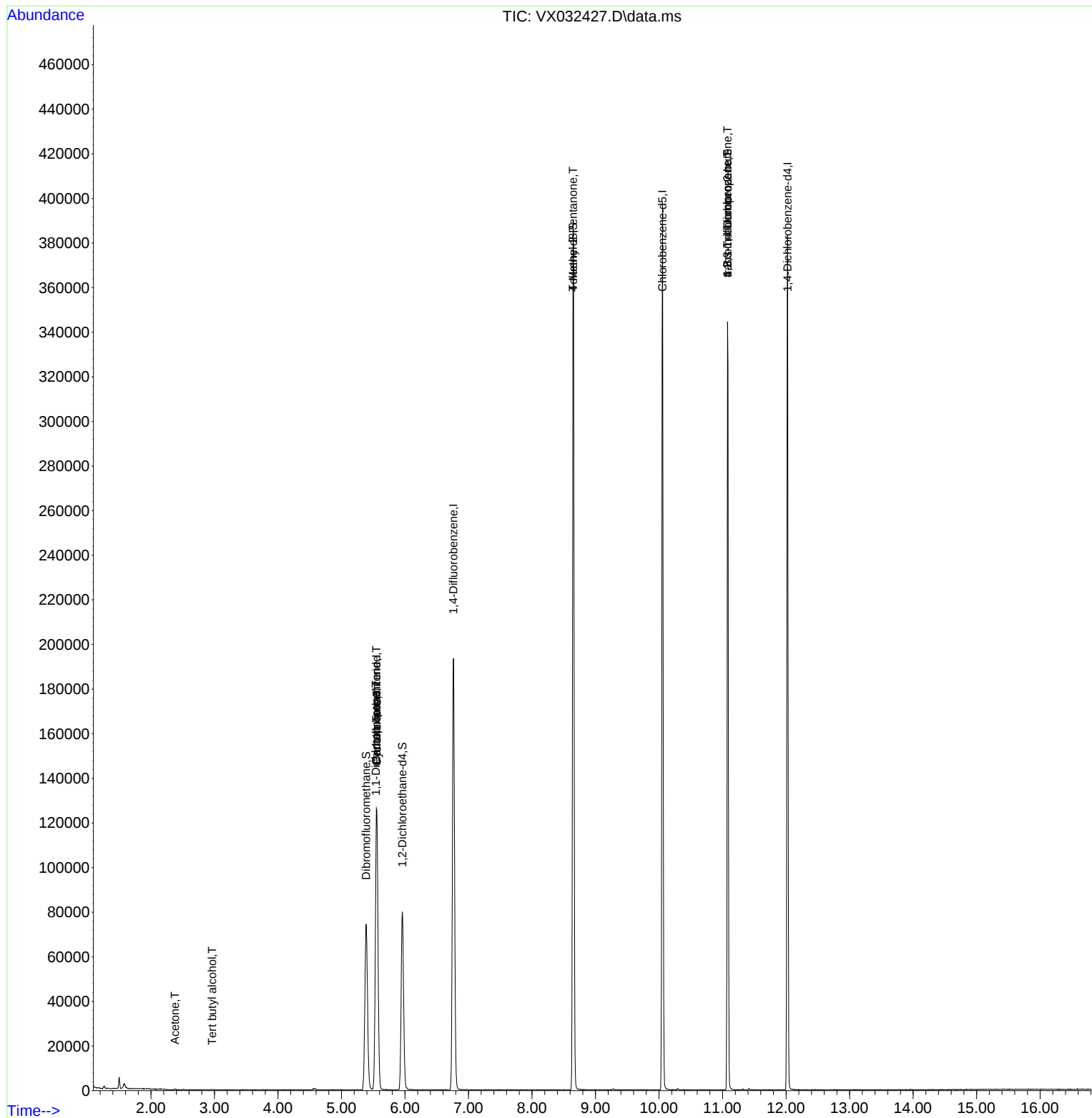
Internal Standards						
1) Pentafluorobenzene	5.550	168	121023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195511	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78995	46.976	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.960%		
35) Dibromofluoromethane	5.385	113	64302	46.108	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.220%		
50) Toluene-d8	8.647	98	232526	47.950	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.900%		
62) 4-Bromofluorobenzene	11.079	95	85897	45.346	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.700%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.965	59	243	0.993	ug/l #	72
16) Acetone	2.379	43	533	0.872	ug/l #	45
31) Cyclohexane	5.556	56	2720	1.334	ug/l #	14
36) 1,1-Dichloropropene	5.544	75	9877	5.086	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12587	5.844	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1163	0.595	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46130	26.537	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46130	84.441	ug/l #	6

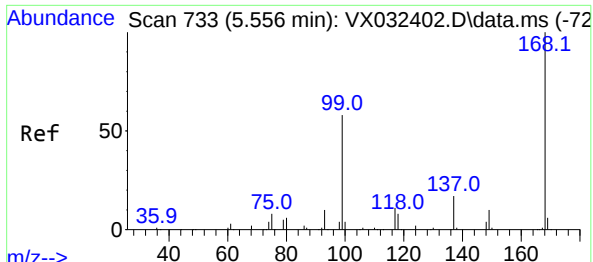
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

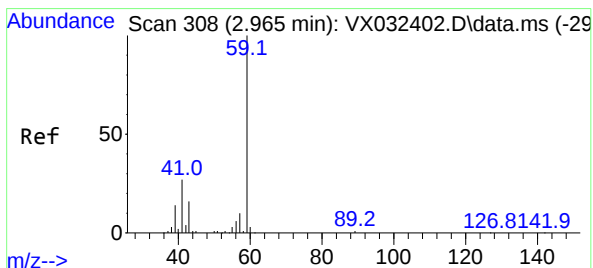
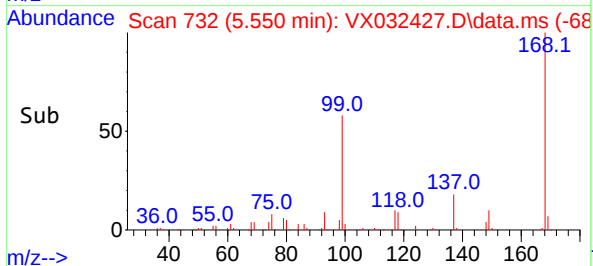
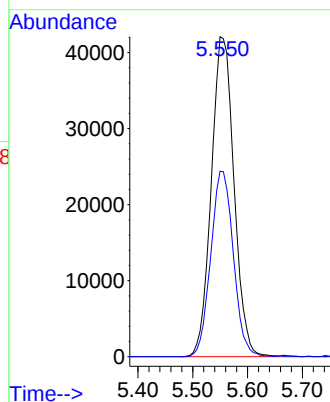
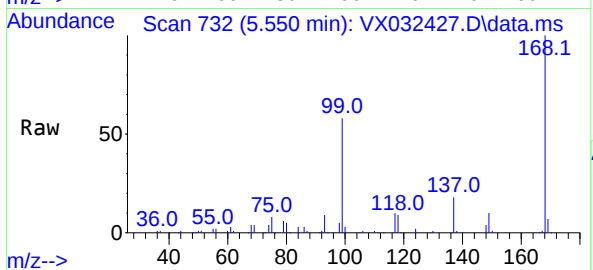




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032427.D
Acq: 27 Oct 2022 14:43

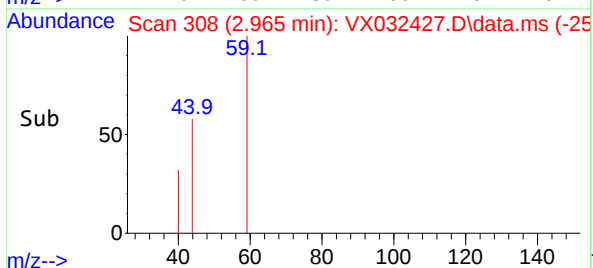
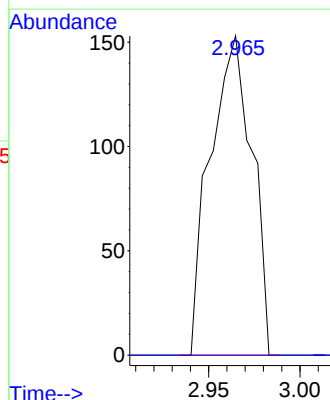
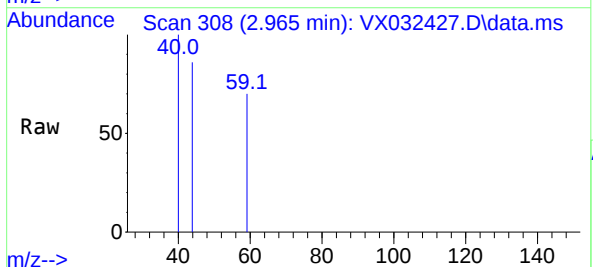
Instrument :
MSVOA_X
ClientSampleId :
251032-3

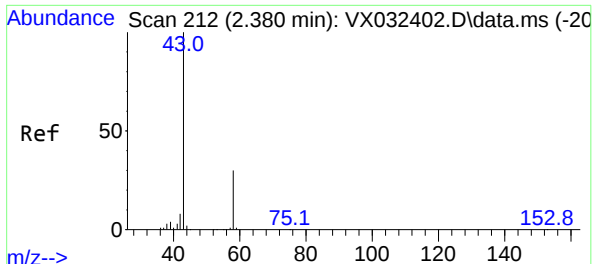
Tgt Ion:168 Resp: 121023
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1



#11
Tert butyl alcohol
Concen: 0.993 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX032427.D
Acq: 27 Oct 2022 14:43

Tgt Ion: 59 Resp: 243
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

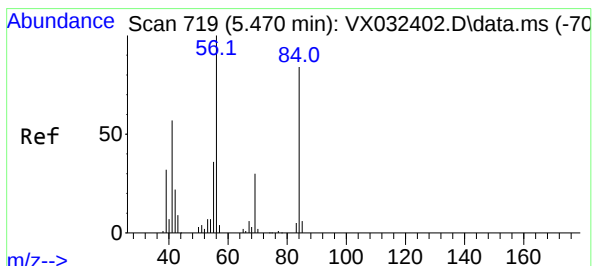
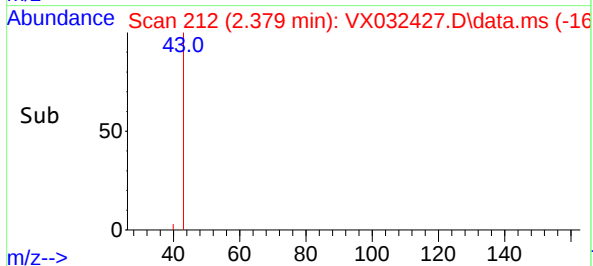
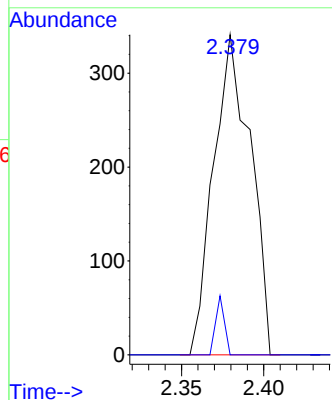
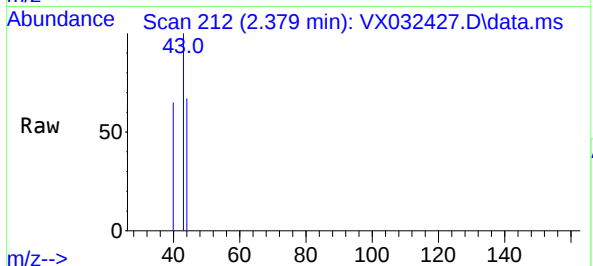




#16
Acetone
Concen: 0.872 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032427.D
Acq: 27 Oct 2022 14:43

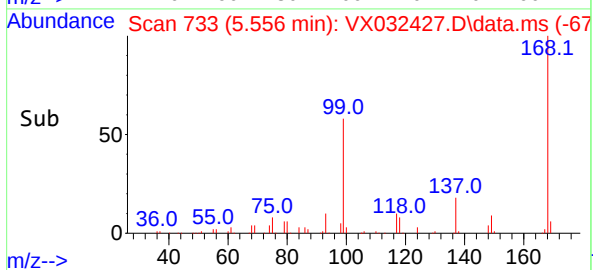
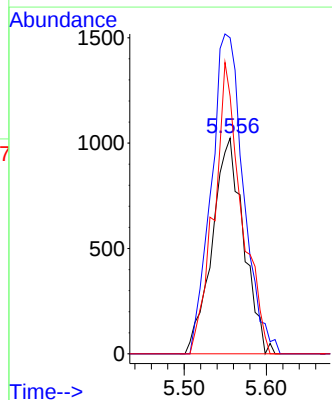
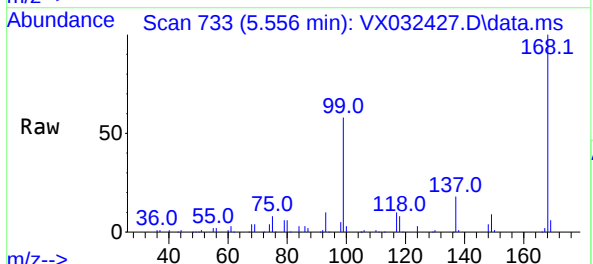
Instrument :
MSVOA_X
ClientSampleId :
251032-3

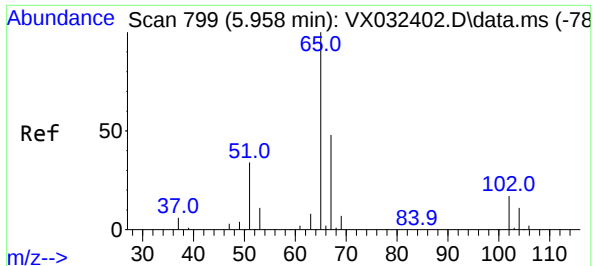
Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#31
Cyclohexane
Concen: 1.334 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX032427.D
Acq: 27 Oct 2022 14:43

Tgt Ion: 56 Resp: 2720
Ion Ratio Lower Upper
56 100
69 146.5 24.1 36.1#
84 119.3 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 46.976 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032427.D

Acq: 27 Oct 2022 14:43

Instrument :

MSVOA_X

ClientSampleId :

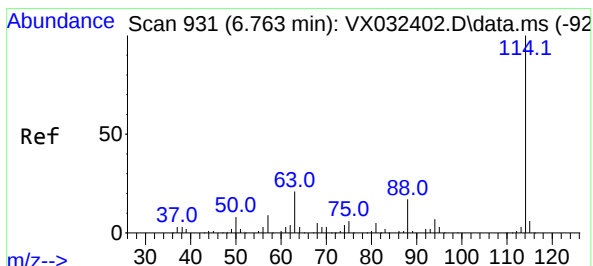
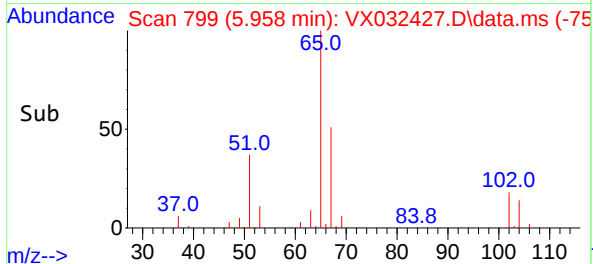
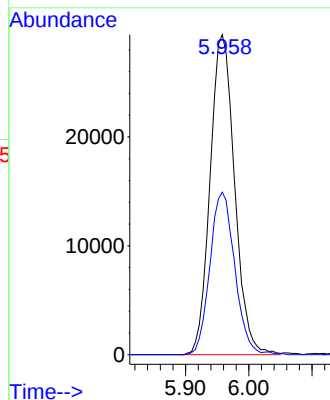
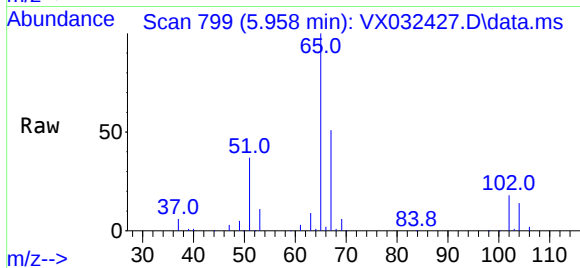
251032-3

Tgt Ion: 65 Resp: 78995

Ion Ratio Lower Upper

65 100

67 51.5 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: VX032427.D

Acq: 27 Oct 2022 14:43

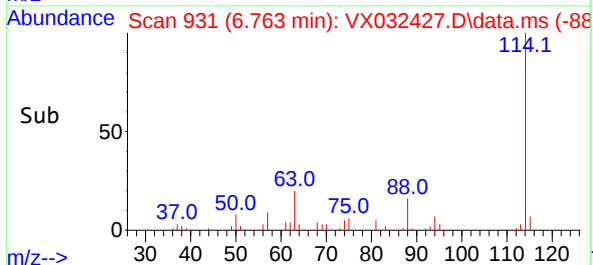
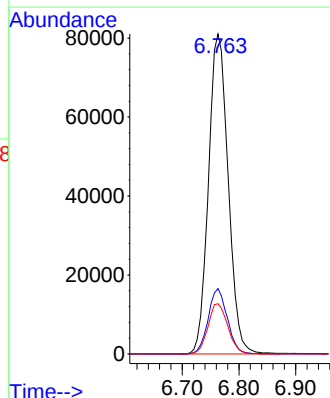
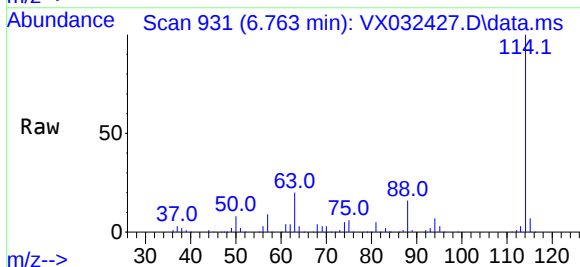
Tgt Ion: 114 Resp: 195511

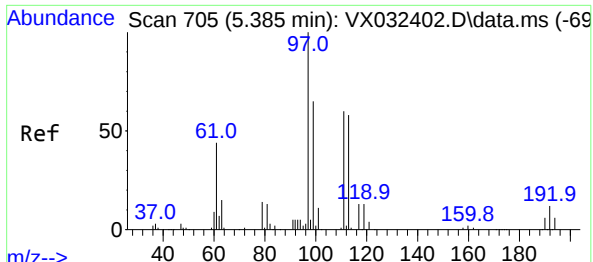
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.6

88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.108 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032427.D

Acq: 27 Oct 2022 14:43

Instrument :

MSVOA_X

ClientSampleId :

251032-3

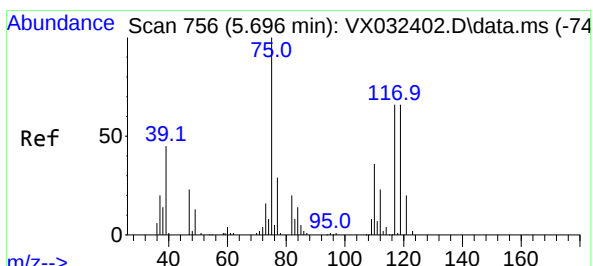
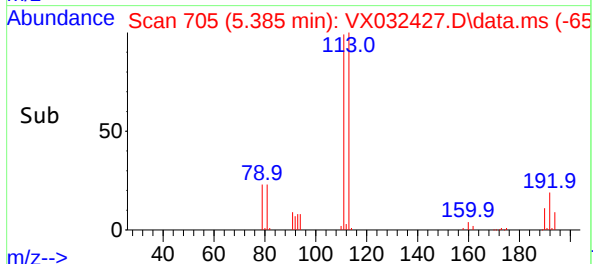
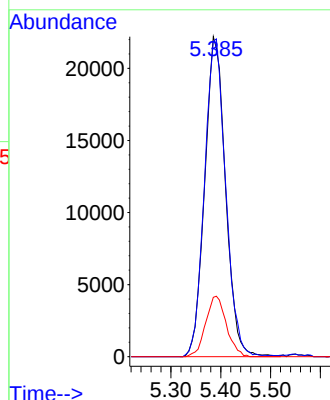
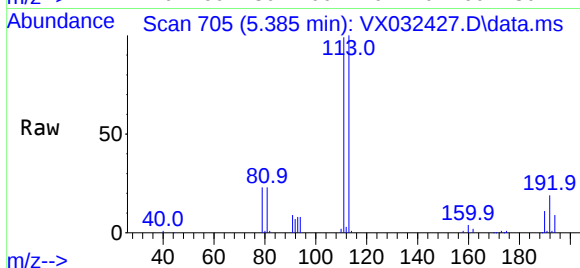
Tgt Ion:113 Resp: 64302

Ion Ratio Lower Upper

113 100

111 101.1 82.4 123.6

192 18.8 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.086 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX032427.D

Acq: 27 Oct 2022 14:43

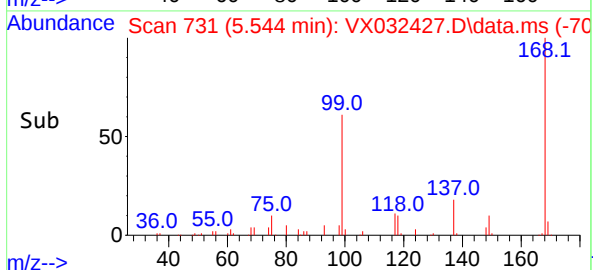
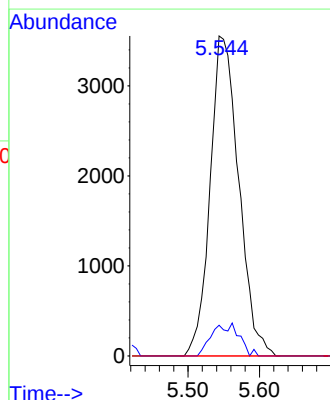
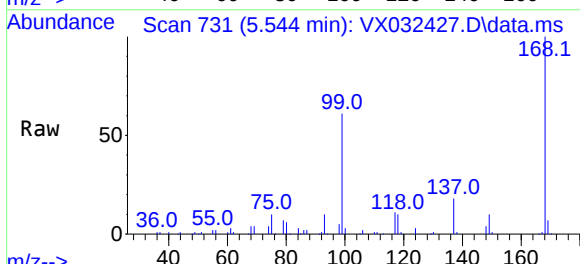
Tgt Ion: 75 Resp: 9877

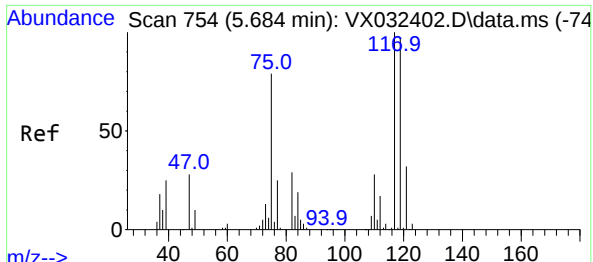
Ion Ratio Lower Upper

75 100

110 9.7 18.4 55.2#

77 0.0 24.5 36.7#

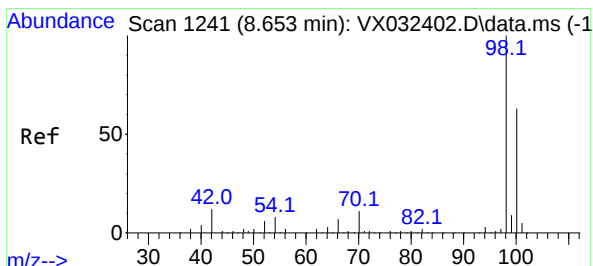
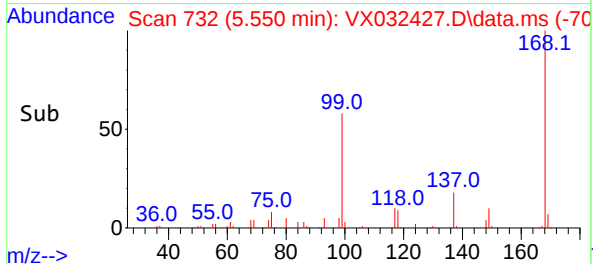
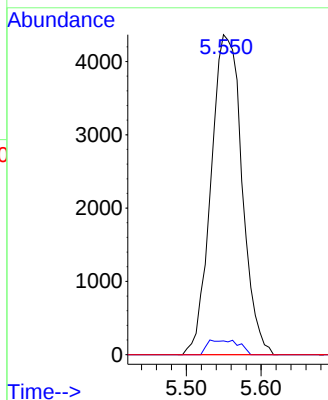
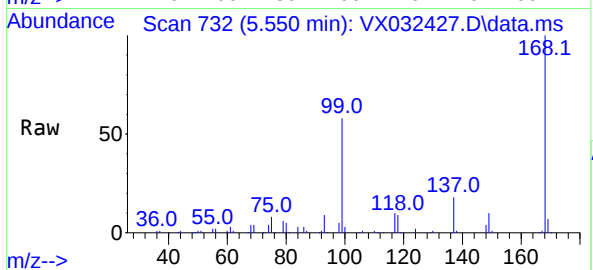




#38
Carbon Tetrachloride
Concen: 5.844 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032427.D
Acq: 27 Oct 2022 14:43

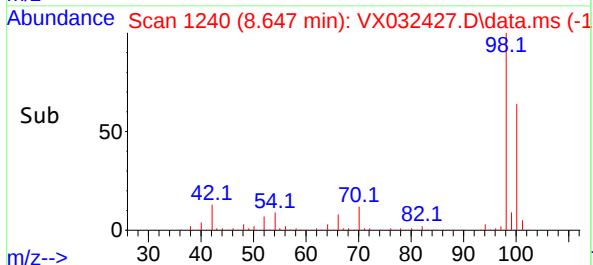
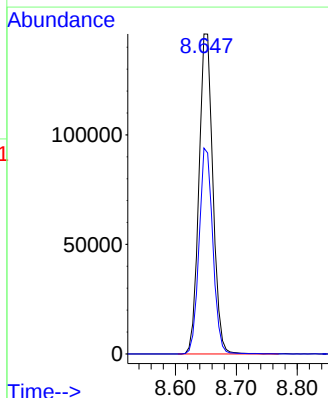
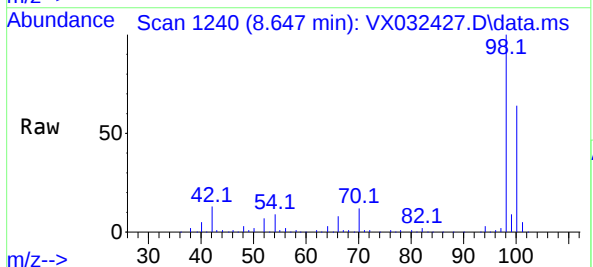
Instrument :
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251032-3

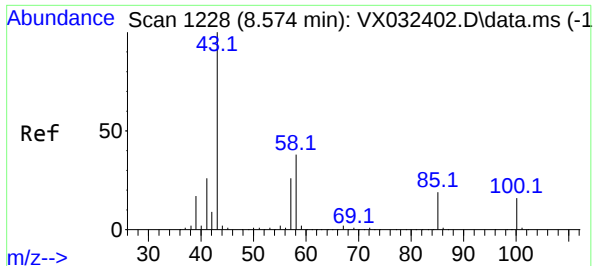
Tgt Ion:117 Resp: 12587
Ion Ratio Lower Upper
117 100
119 4.3 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.950 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032427.D
Acq: 27 Oct 2022 14:43

Tgt Ion: 98 Resp: 232526
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.595 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032427.D

Acq: 27 Oct 2022 14:43

Instrument :

MSVOA_X

ClientSampleId :

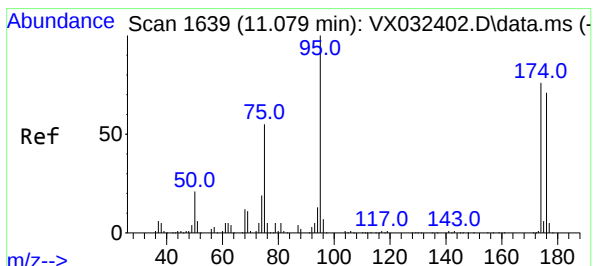
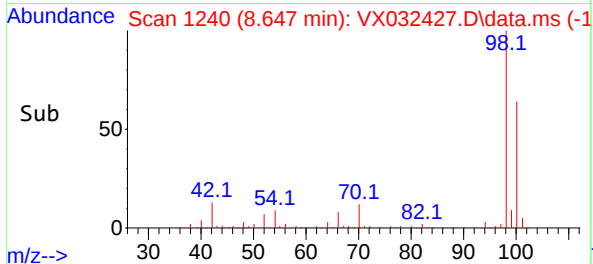
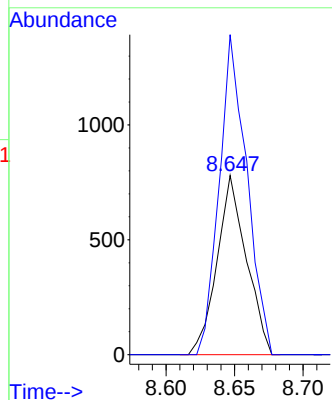
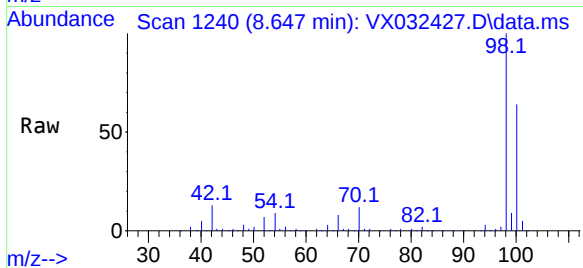
251032-3

Tgt Ion: 43 Resp: 1163

Ion Ratio Lower Upper

43 100

58 167.9 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 45.346 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032427.D

Acq: 27 Oct 2022 14:43

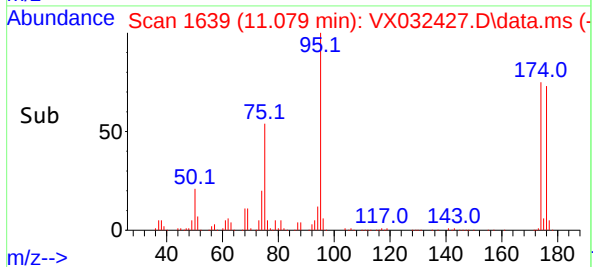
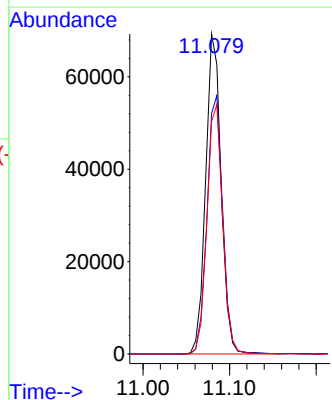
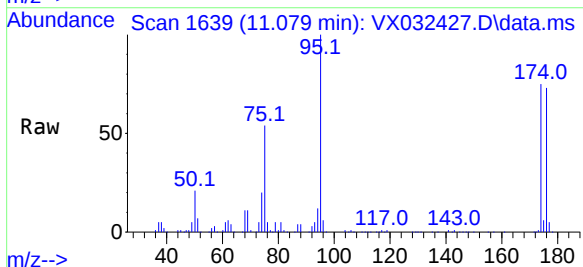
Tgt Ion: 95 Resp: 85897

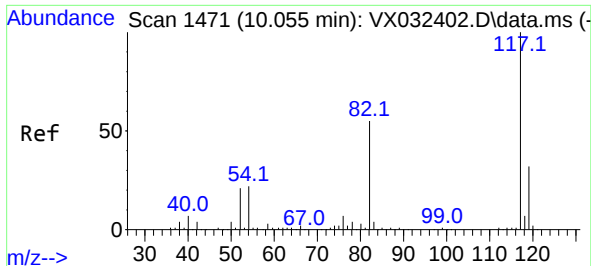
Ion Ratio Lower Upper

95 100

174 82.4 0.0 164.0

176 79.2 0.0 154.4

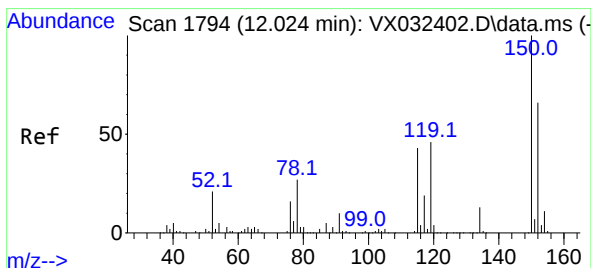
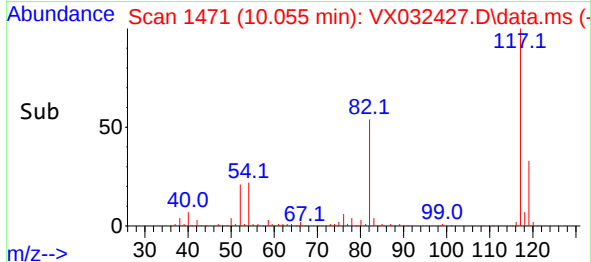
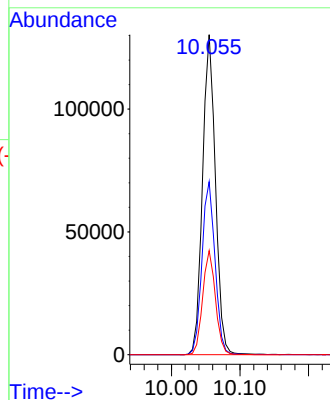
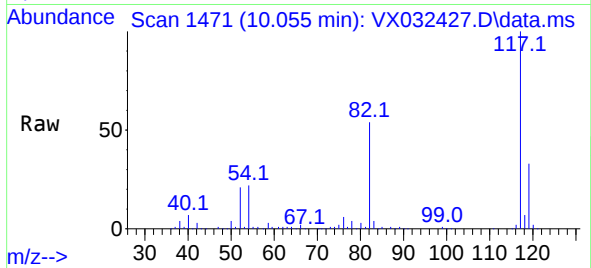




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032427.D
Acq: 27 Oct 2022 14:43

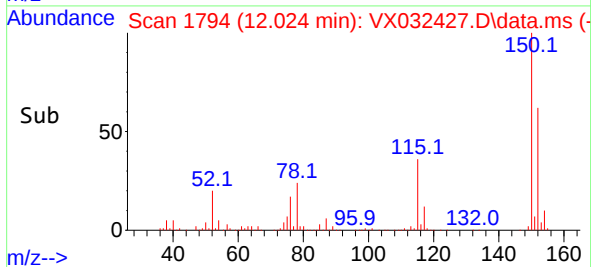
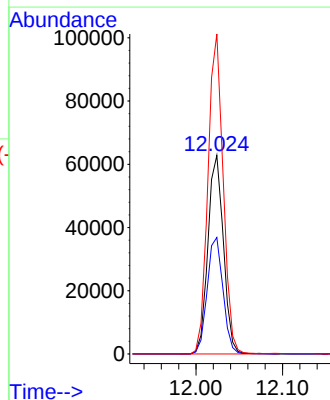
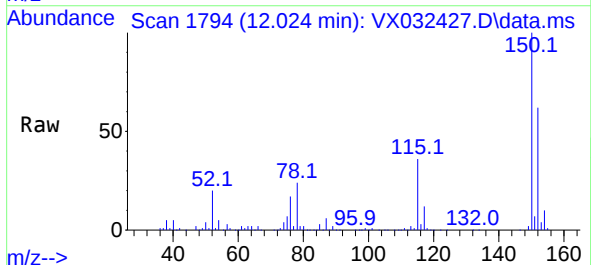
Instrument :
MSVOA_X
ClientSampleId :
251032-3

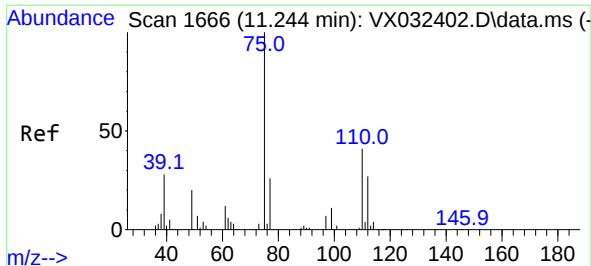
Tgt Ion:117 Resp: 171124
Ion Ratio Lower Upper
117 100
82 54.1 44.3 66.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032427.D
Acq: 27 Oct 2022 14:43

Tgt Ion:152 Resp: 78136
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 157.8 0.0 351.8

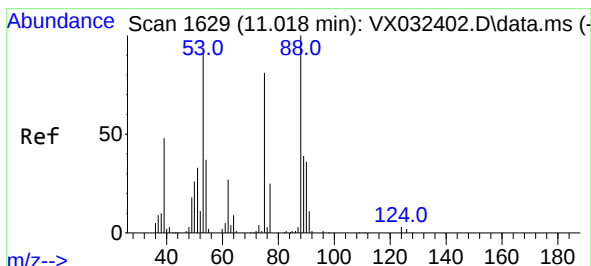
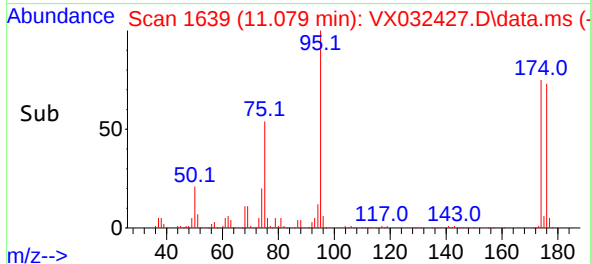
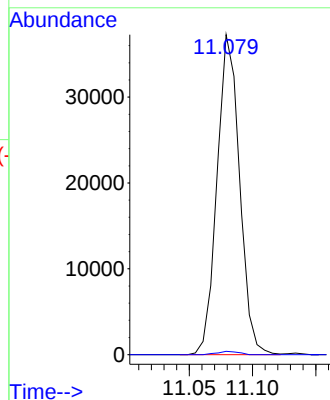
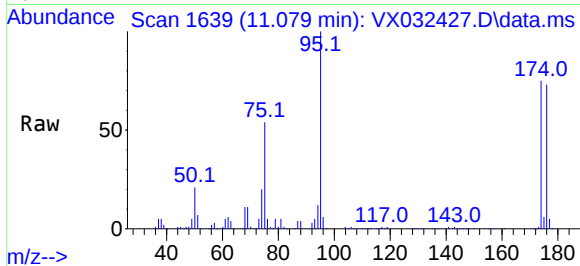




#76
1,2,3-Trichloropropane
Concen: 26.537 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032427.D
Acq: 27 Oct 2022 14:43

Instrument :
MSVOA_X
ClientSampleId :
251032-3

Tgt Ion: 75 Resp: 46130
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.441 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032427.D
Acq: 27 Oct 2022 14:43

Tgt Ion: 75 Resp: 46130
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

