

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102722\
 Data File : VX032428.D
 Acq On : 27 Oct 2022 15:07
 Operator : JC/MD
 Sample : N5292-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 251032-4

Quant Time: Oct 28 07:13:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

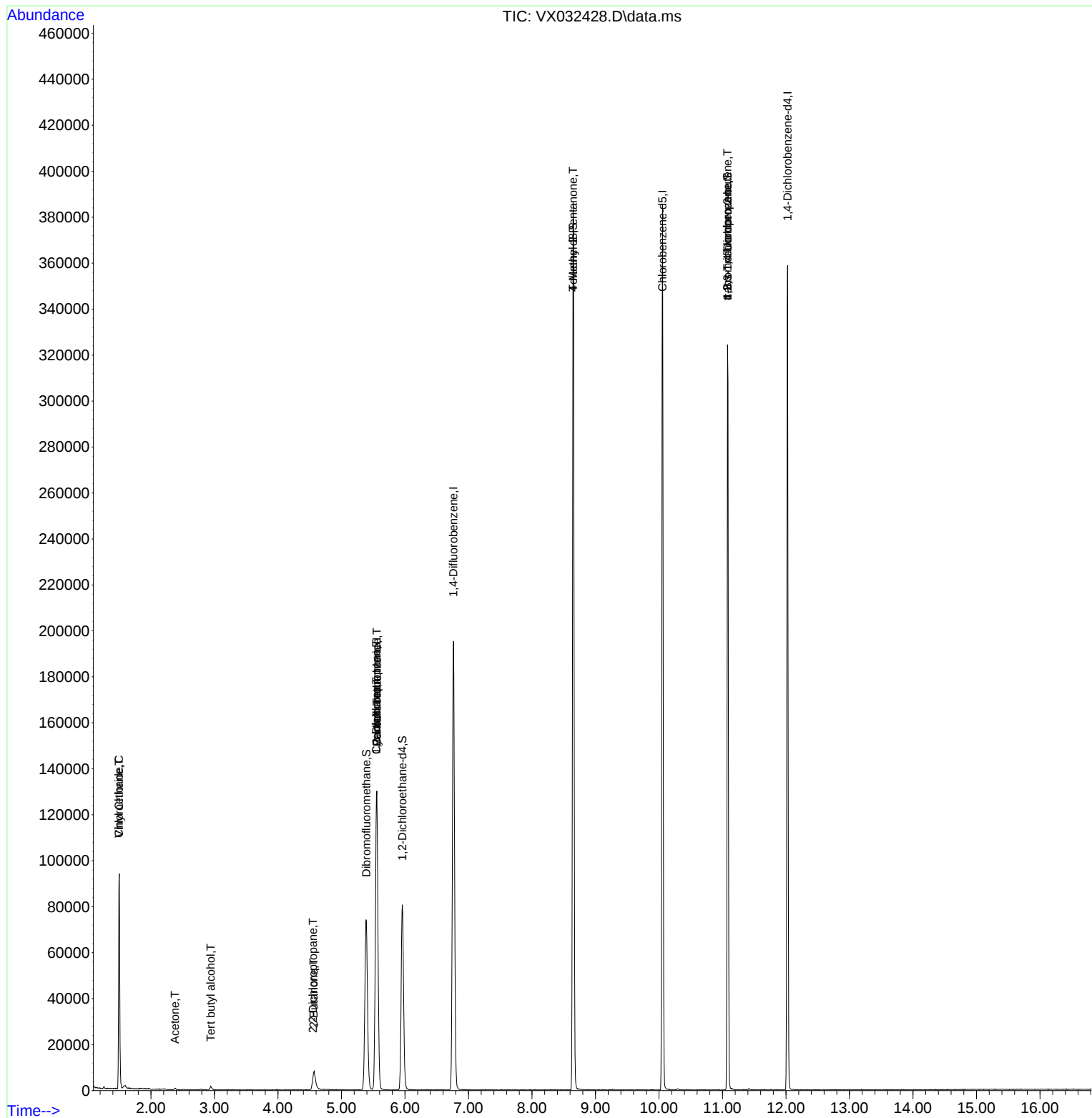
Internal Standards						
1) Pentafluorobenzene	5.556	168	121536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196726	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79408	47.023	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.040%		
35) Dibromofluoromethane	5.391	113	63380	45.166	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.340%		
50) Toluene-d8	8.647	98	230619	47.263	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.520%		
62) 4-Bromofluorobenzene	11.079	95	83567	43.843	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.680%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.496	62	1891	1.449	ug/l #	79
6) Chloroethane	1.496	64	342	0.391	ug/l #	42
11) Tert butyl alcohol	2.941	59	1103	4.488	ug/l #	72
16) Acetone	2.380	43	752	1.225	ug/l	96
25) 2-Butanone	4.562	43	300	0.315	ug/l #	47
26) 2,2-Dichloropropane	4.550	77	406	0.211	ug/l #	53
31) Cyclohexane	5.550	56	2803	1.369	ug/l #	13
36) 1,1-Dichloropropene	5.550	75	9399	4.810	ug/l #	49
38) Carbon Tetrachloride	5.556	117	12797	5.904	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1054	0.536	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45113	27.563	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45113	87.707	ug/l #	6

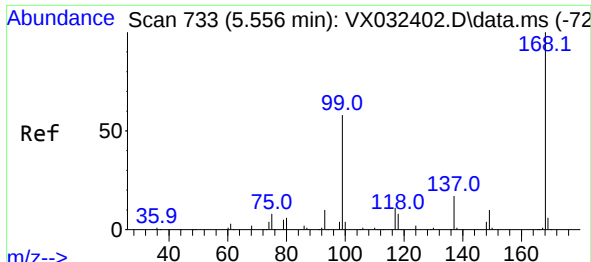
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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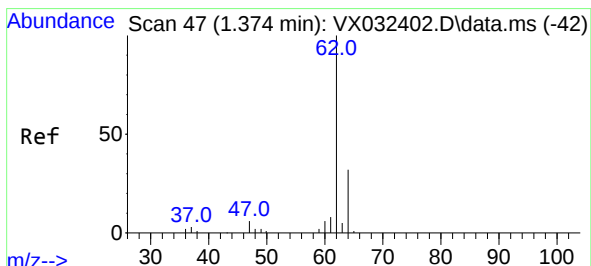
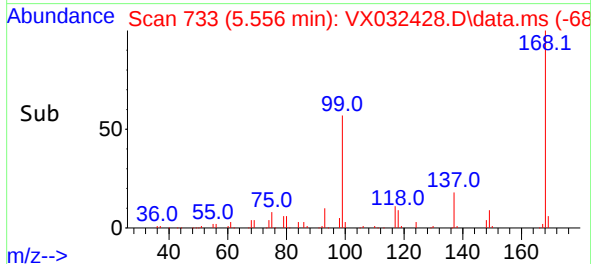
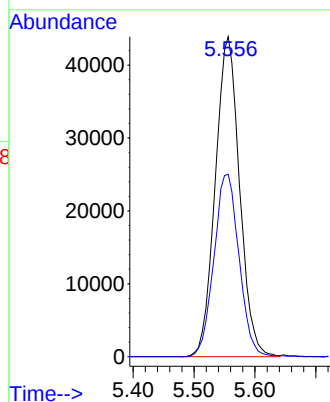
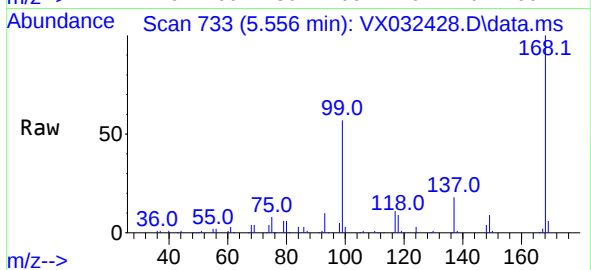




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032428.D
Acq: 27 Oct 2022 15:07

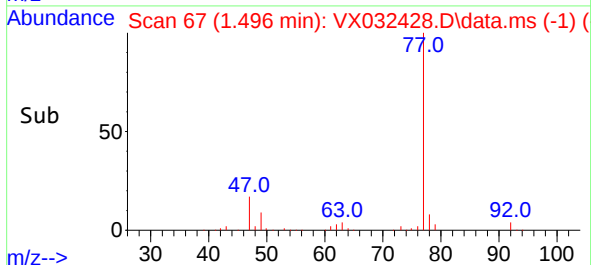
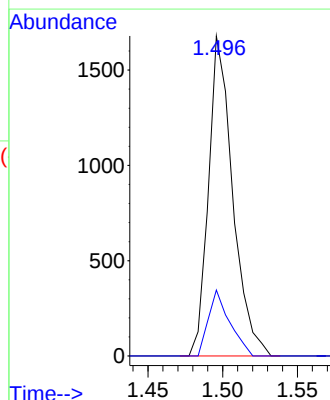
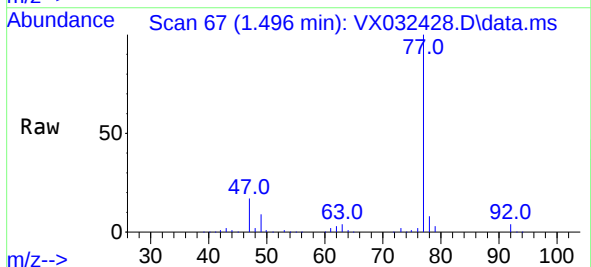
Instrument :
MSVOA_X
ClientSampleId :
251032-4

Tgt Ion:168 Resp: 121536
Ion Ratio Lower Upper
168 100
99 57.0 46.1 69.1

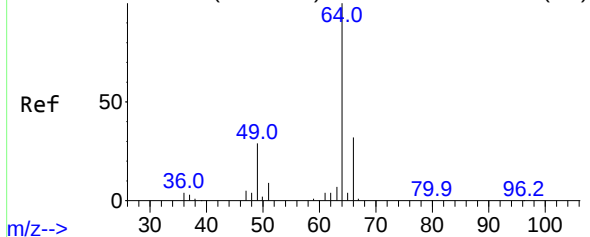


#4
Vinyl Chloride
Concen: 1.449 ug/l
RT: 1.496 min Scan# 67
Delta R.T. 0.122 min
Lab File: VX032428.D
Acq: 27 Oct 2022 15:07

Tgt Ion: 62 Resp: 1891
Ion Ratio Lower Upper
62 100
64 20.6 25.8 38.6#



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



#6

Chloroethane

Concen: 0.391 ug/l

RT: 1.496 min Scan# 61

Delta R.T. -0.189 min

Lab File: VX032428.D

Acq: 27 Oct 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

251032-4

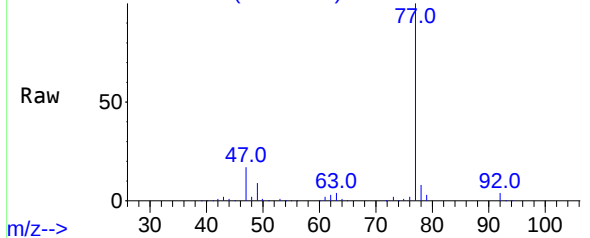
Tgt Ion: 64 Resp: 342

Ion Ratio Lower Upper

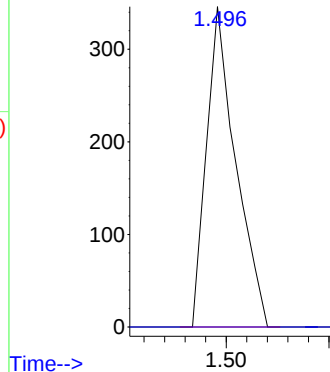
64 100

66 0.0 26.0 39.0#

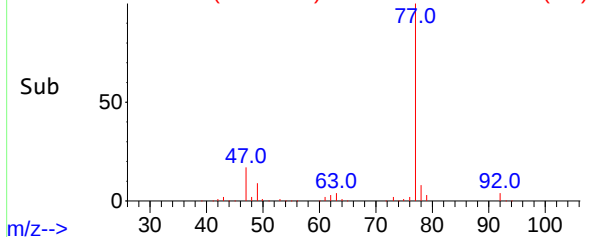
Abundance Scan 67 (1.496 min): VX032428.D\data.ms



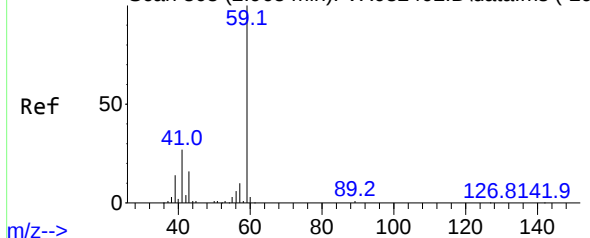
Abundance



Abundance Scan 67 (1.496 min): VX032428.D\data.ms (-49)



Abundance Scan 308 (2.965 min): VX032402.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: 4.488 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.024 min

Lab File: VX032428.D

Acq: 27 Oct 2022 15:07

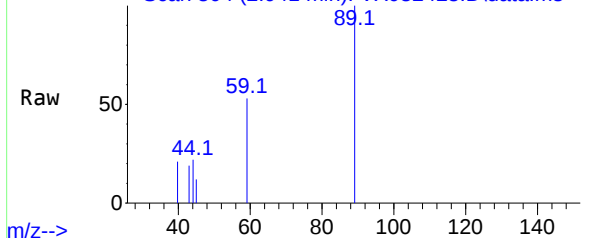
Tgt Ion: 59 Resp: 1103

Ion Ratio Lower Upper

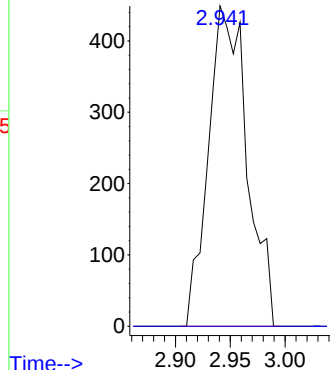
59 100

57 0.0 8.2 12.4#

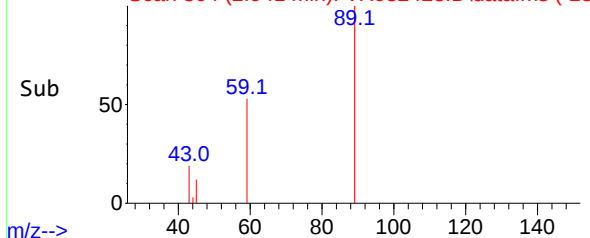
Abundance Scan 304 (2.941 min): VX032428.D\data.ms

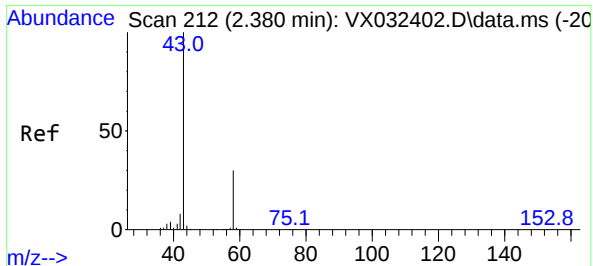


Abundance



Abundance Scan 304 (2.941 min): VX032428.D\data.ms (-25)

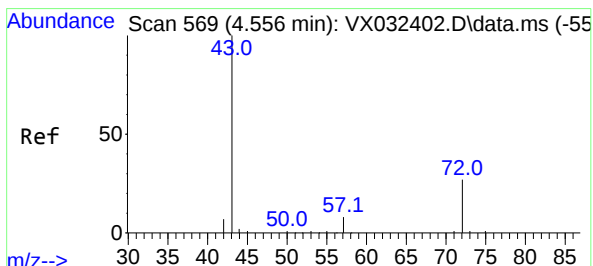
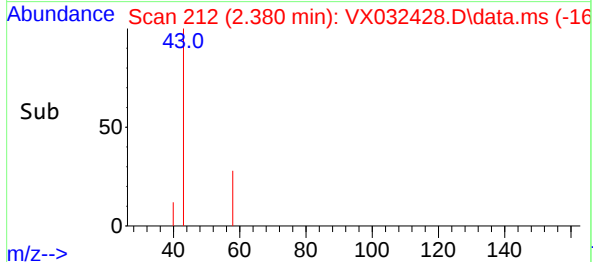
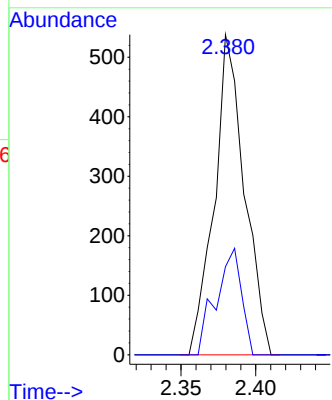
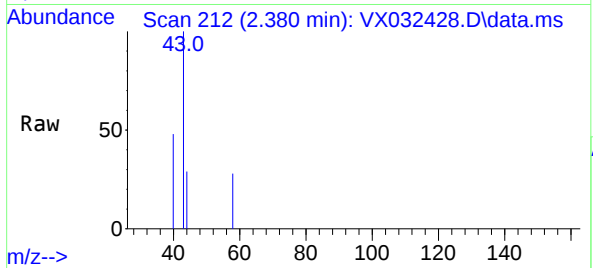




#16
Acetone
Concen: 1.225 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032428.D
Acq: 27 Oct 2022 15:07

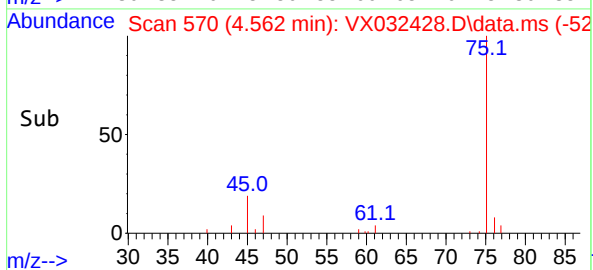
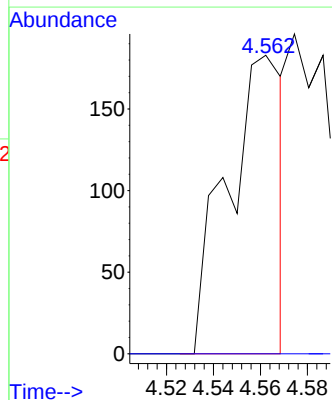
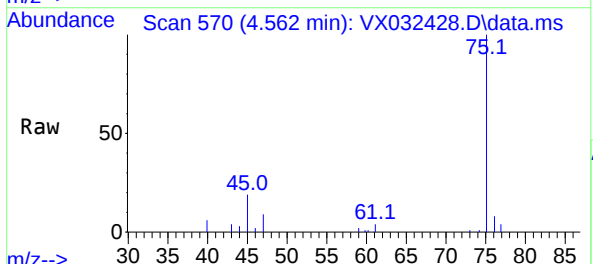
Instrument :
MSVOA_X
ClientSampleId :
251032-4

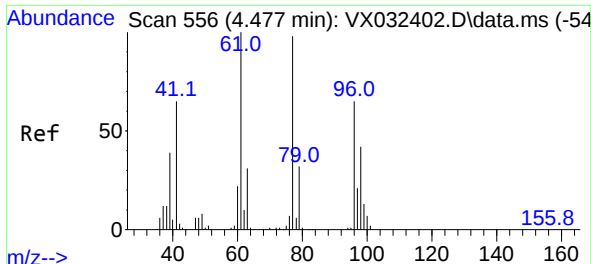
Tgt Ion: 43 Resp: 752
Ion Ratio Lower Upper
43 100
58 27.5 23.8 35.8



#25
2-Butanone
Concen: 0.315 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX032428.D
Acq: 27 Oct 2022 15:07

Tgt Ion: 43 Resp: 300
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#





#26

2,2-Dichloropropane

Concen: 0.211 ug/l

RT: 4.550 min Scan# 50

Delta R.T. 0.073 min

Lab File: VX032428.D

Acq: 27 Oct 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

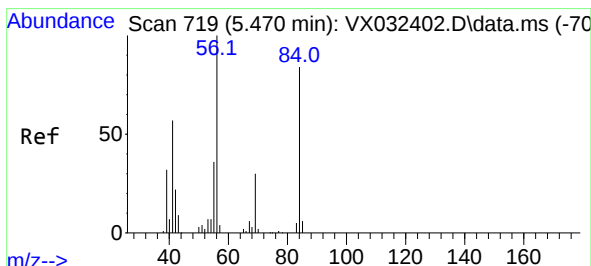
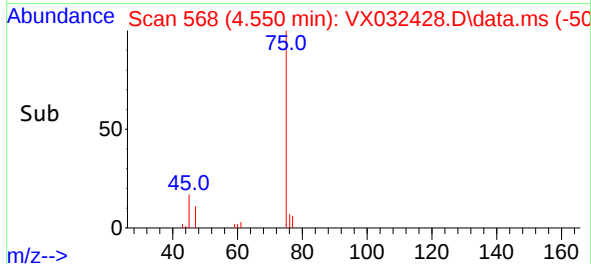
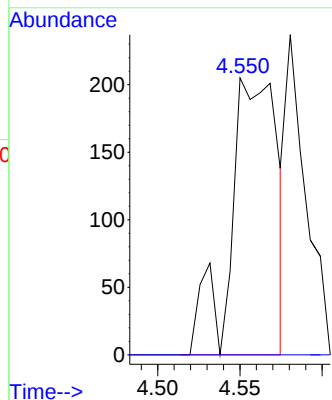
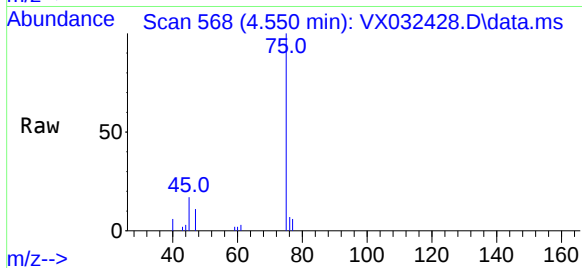
251032-4

Tgt Ion: 77 Resp: 406

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#



#31

Cyclohexane

Concen: 1.369 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX032428.D

Acq: 27 Oct 2022 15:07

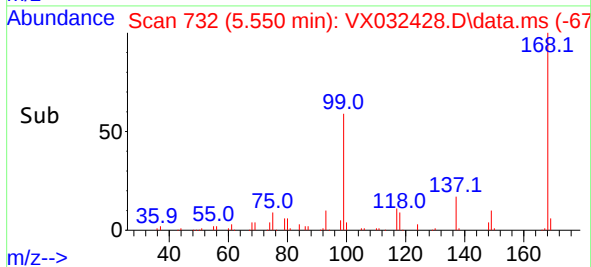
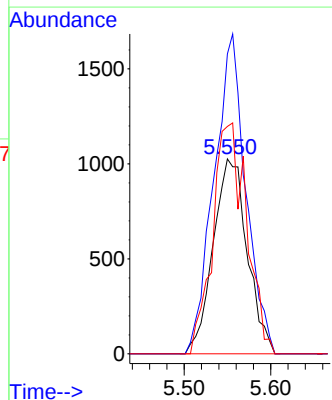
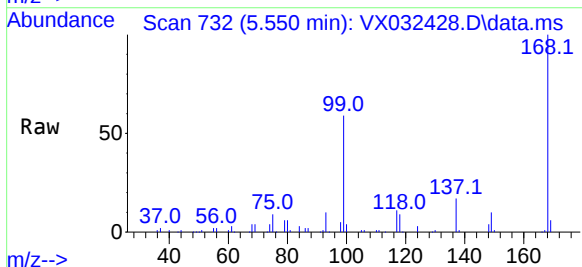
Tgt Ion: 56 Resp: 2803

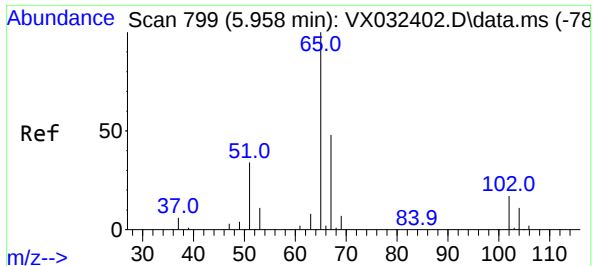
Ion Ratio Lower Upper

56 100

69 153.9 24.1 36.1#

84 116.7 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 47.023 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032428.D

Acq: 27 Oct 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

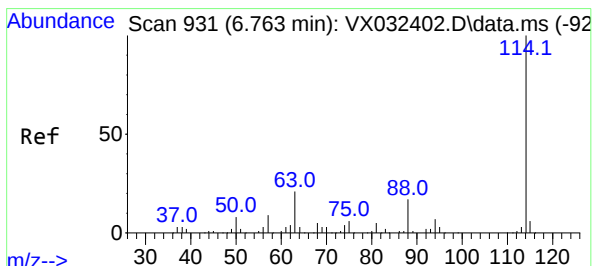
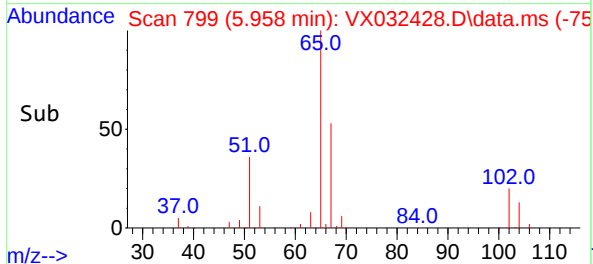
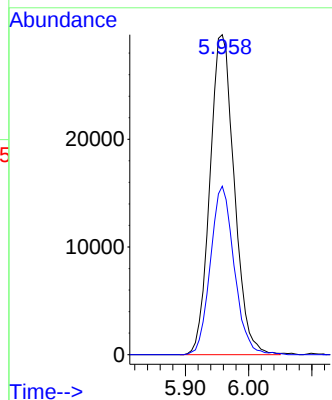
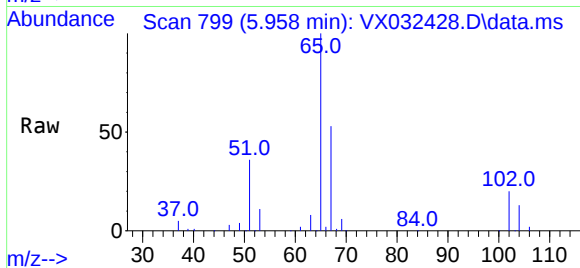
251032-4

Tgt Ion: 65 Resp: 79408

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: VX032428.D

Acq: 27 Oct 2022 15:07

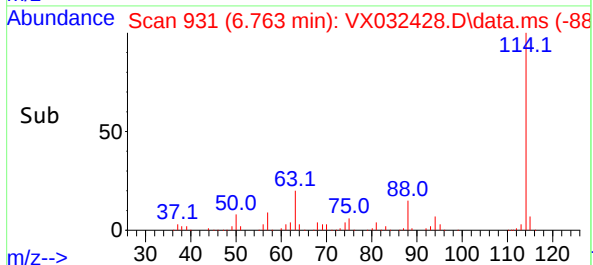
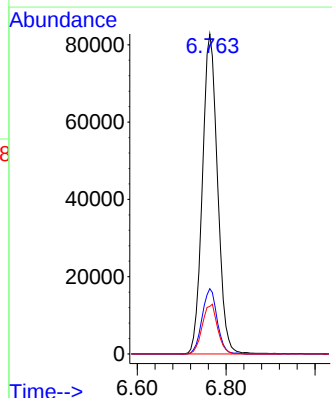
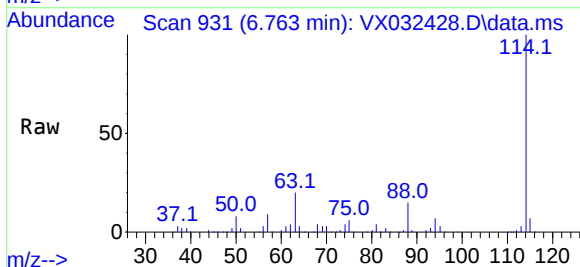
Tgt Ion: 114 Resp: 196726

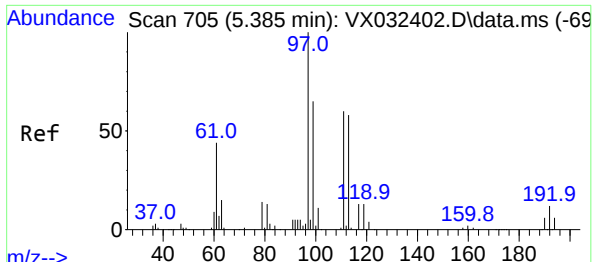
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

88 14.8 0.0 33.4

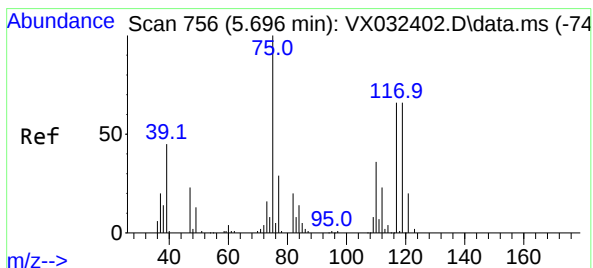
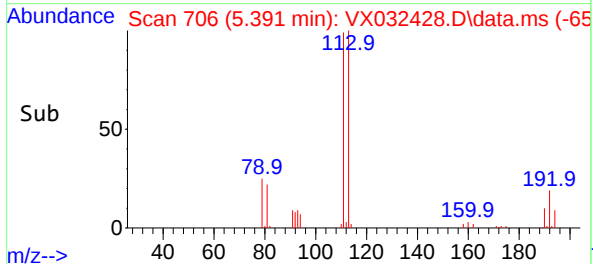
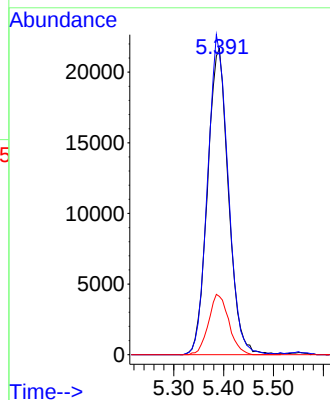
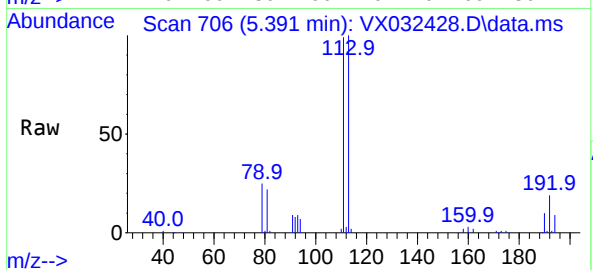




#35
Dibromofluoromethane
Concen: 45.166 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032428.D
Acq: 27 Oct 2022 15:07

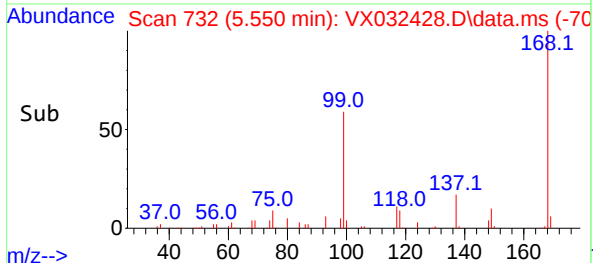
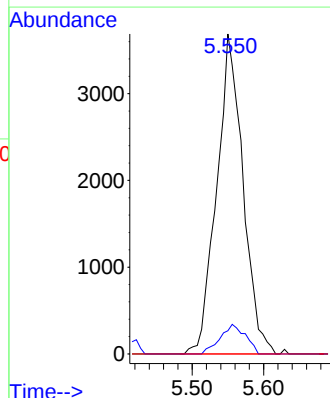
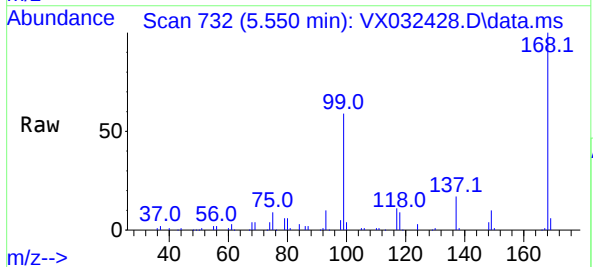
Instrument :
MSVOA_X
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251032-4

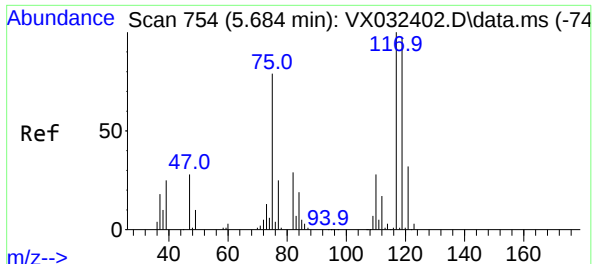
Tgt Ion:113 Resp: 63380
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.810 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032428.D
Acq: 27 Oct 2022 15:07

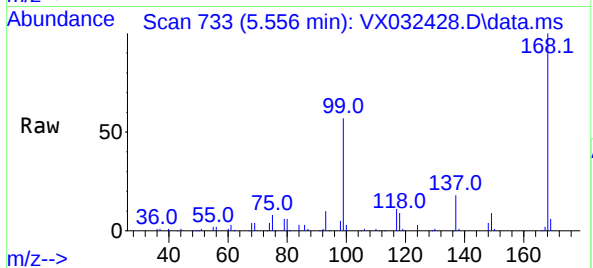
Tgt Ion: 75 Resp: 9399
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.5 36.7#



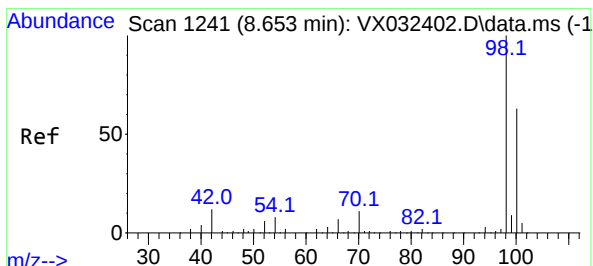
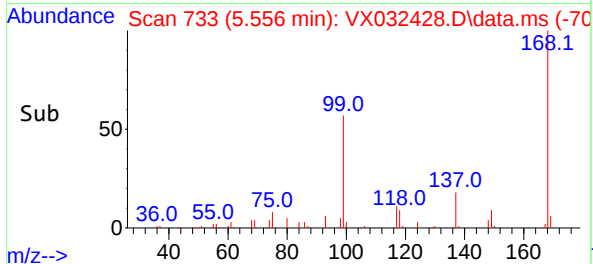
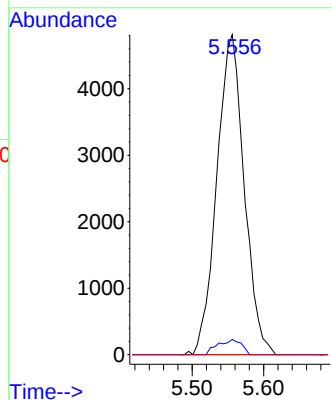


#38
Carbon Tetrachloride
Concen: 5.904 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032428.D
Acq: 27 Oct 2022 15:07

Instrument :
MSVOA_X
ClientSampleId :
251032-4

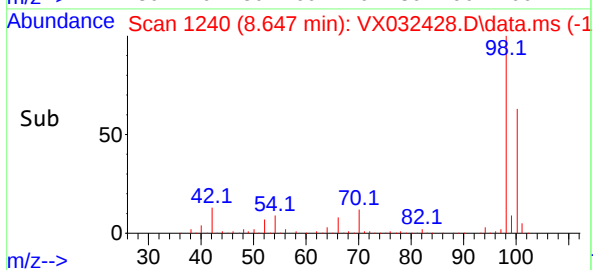
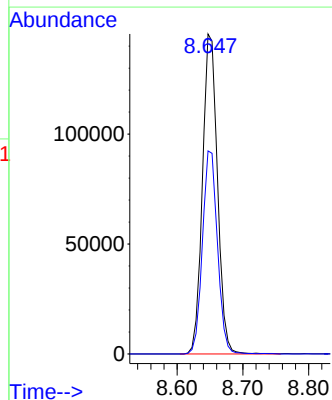
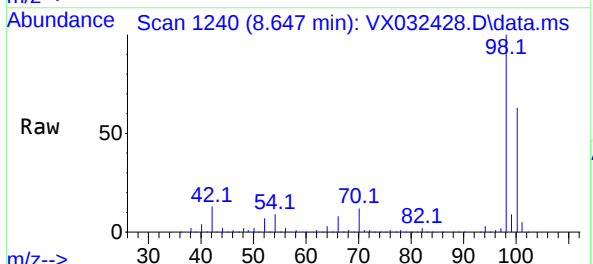


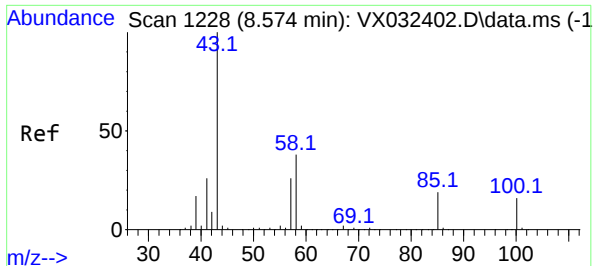
Tgt Ion:117 Resp: 12797
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.263 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032428.D
Acq: 27 Oct 2022 15:07

Tgt Ion: 98 Resp: 230619
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.536 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032428.D

Acq: 27 Oct 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

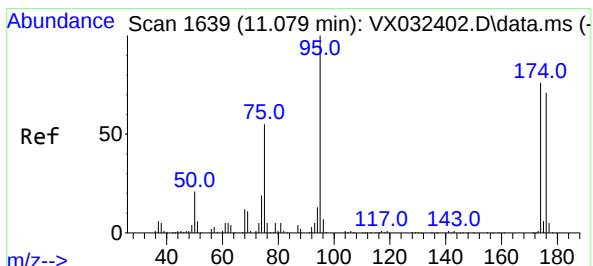
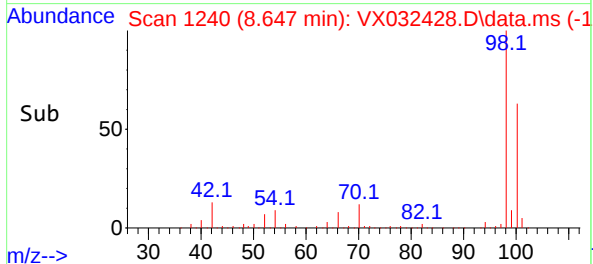
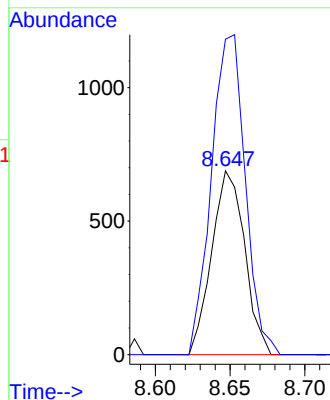
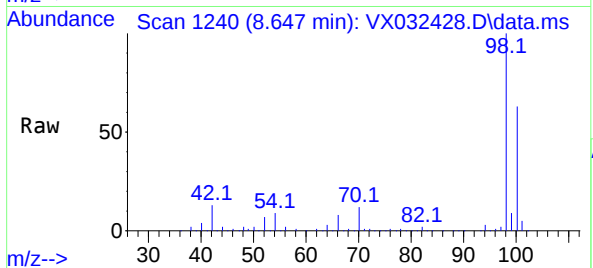
251032-4

Tgt Ion: 43 Resp: 1054

Ion Ratio Lower Upper

43 100

58 179.0 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 43.843 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032428.D

Acq: 27 Oct 2022 15:07

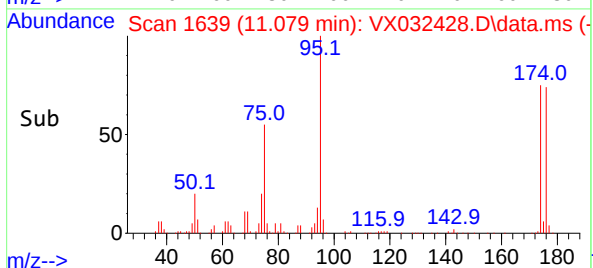
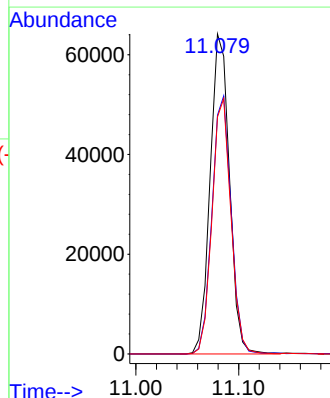
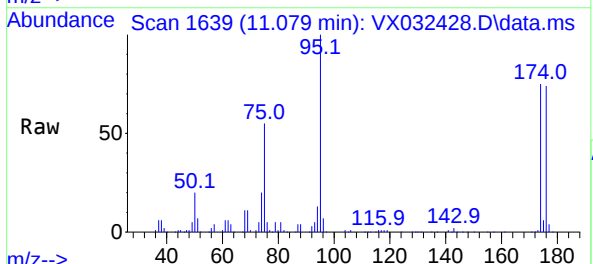
Tgt Ion: 95 Resp: 83567

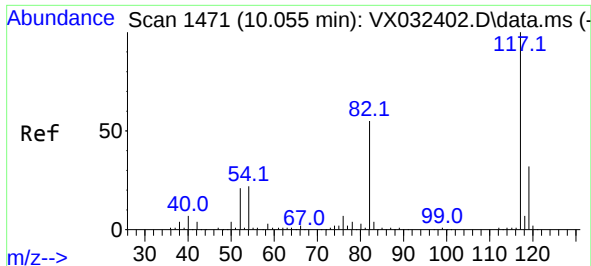
Ion Ratio Lower Upper

95 100

174 80.2 0.0 164.0

176 78.1 0.0 154.4

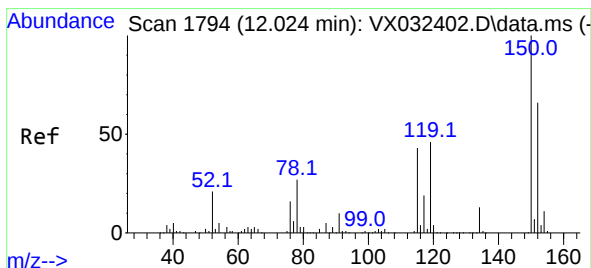
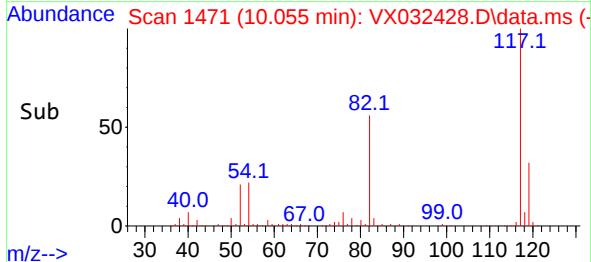
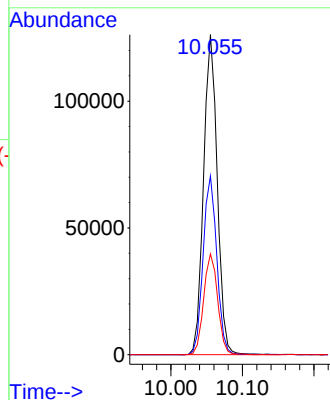
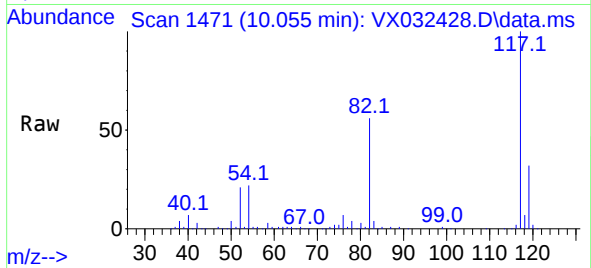




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032428.D
Acq: 27 Oct 2022 15:07

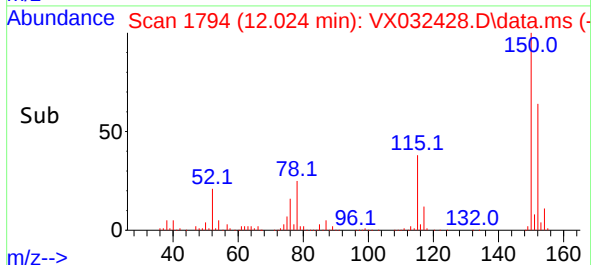
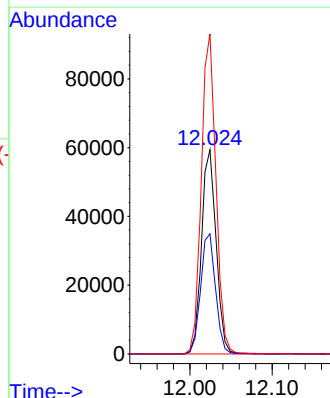
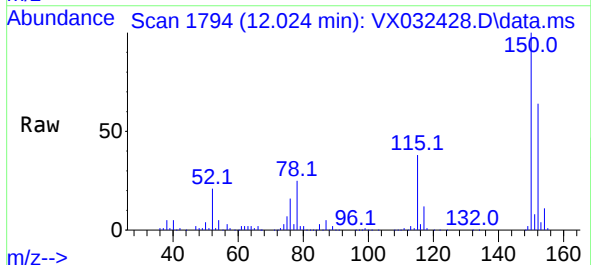
Instrument :
MSVOA_X
ClientSampleId :
251032-4

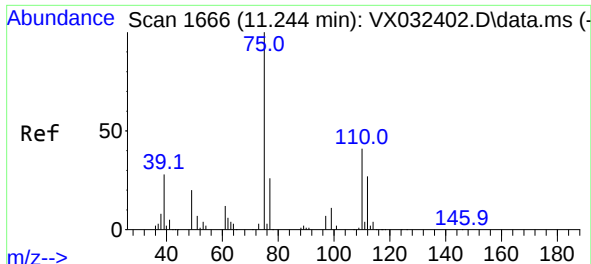
Tgt Ion:117 Resp: 168186
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032428.D
Acq: 27 Oct 2022 15:07

Tgt Ion:152 Resp: 73568
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 156.8 0.0 351.8

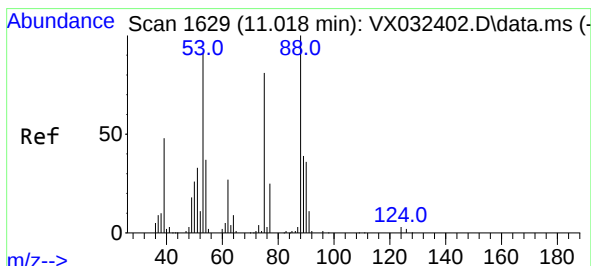
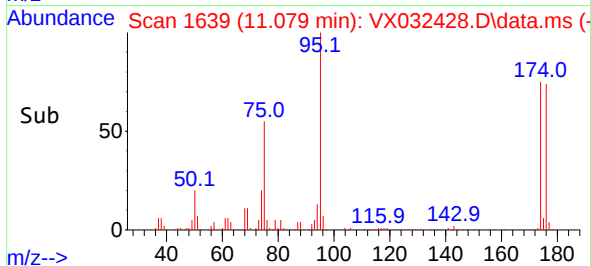
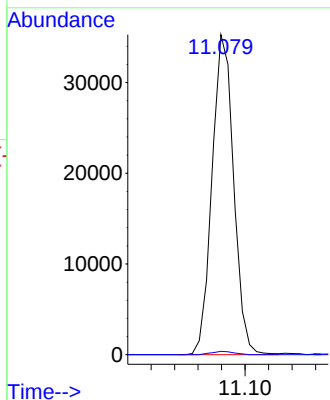
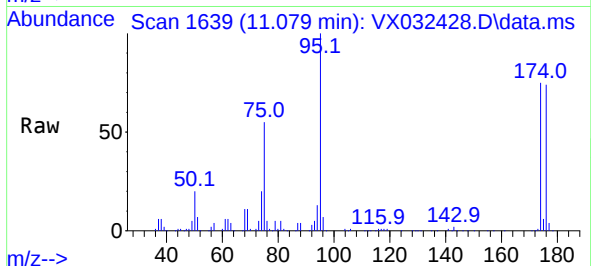




#76
1,2,3-Trichloropropane
Concen: 27.563 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032428.D
Acq: 27 Oct 2022 15:07

Instrument :
MSVOA_X
ClientSampleId :
251032-4

Tgt Ion: 75 Resp: 45113
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032428.D
Acq: 27 Oct 2022 15:07

Tgt Ion: 75 Resp: 45113
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

