

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038725.D
 Acq On : 10 Nov 2023 13:52
 Operator : JC/MD
 Sample : 05241-12DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-GEP-1-20231102DL

Quant Time: Nov 11 01:53:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

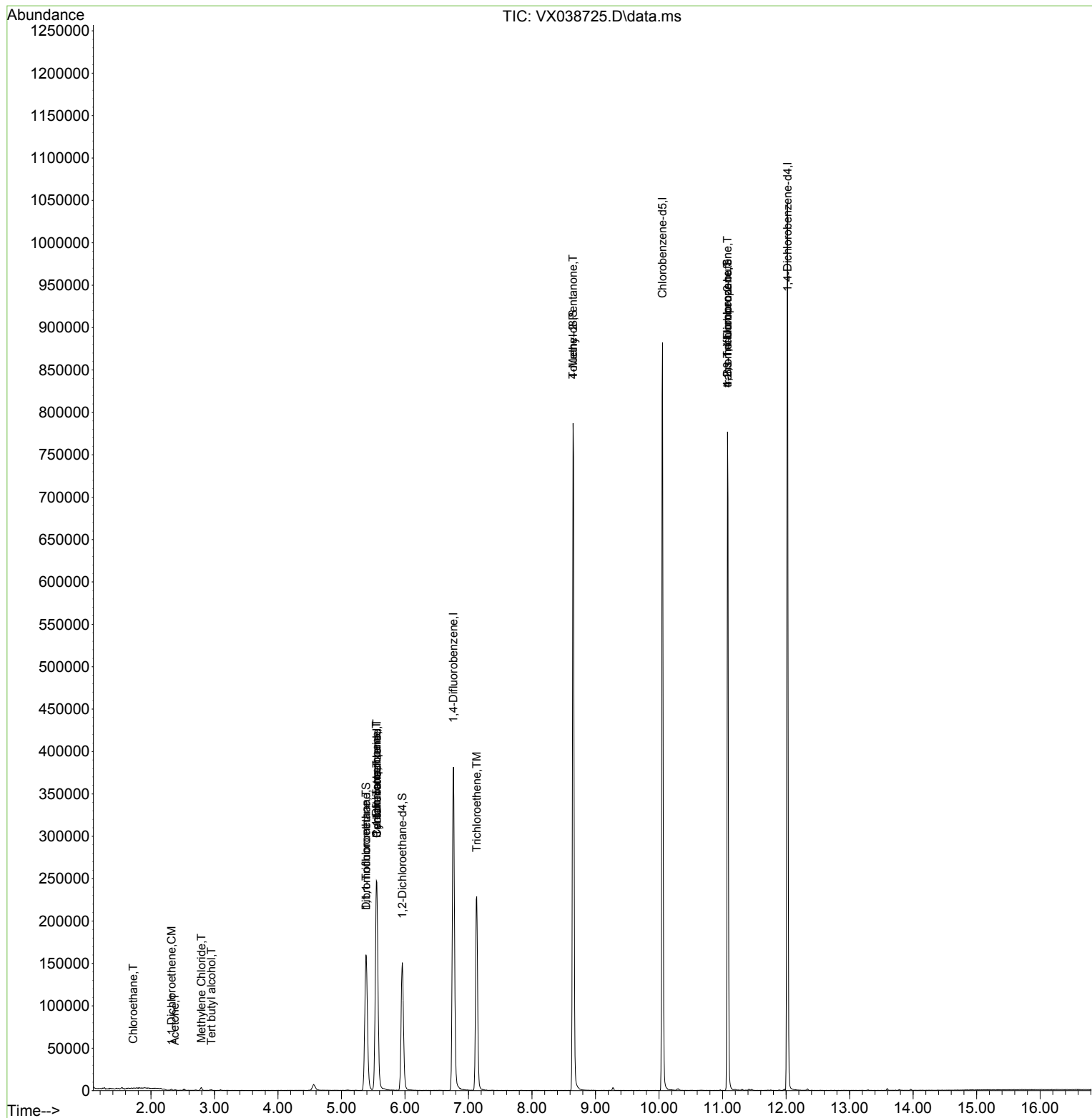
Internal Standards						
1) Pentafluorobenzene	5.556	168	265016	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	432503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	444132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	250967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149952	45.449	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.900%
35) Dibromofluoromethane	5.385	113	140870	45.223	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.440%
50) Toluene-d8	8.647	98	507134	45.496	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.000%#
62) 4-Bromofluorobenzene	11.079	95	214660	49.670	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.340%
Target Compounds						
					Qvalue	
6) Chloroethane	1.721	64	809	0.505	ug/l	# 43
11) Tert butyl alcohol	2.953	59	572	0.848	ug/l	# 78
12) 1,1-Dichloroethene	2.325	96	498	0.201	ug/l	# 45
16) Acetone	2.374	43	727	0.523	ug/l	# 85
20) Methylene Chloride	2.794	84	1599	0.571	ug/l	# 81
31) Cyclohexane	5.556	56	4506	1.234	ug/l	# 1
32) 1,1,1-Trichloroethane	5.385	97	3892	0.853	ug/l	# 48
36) 1,1-Dichloropropene	5.550	75	17093	4.417	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	24520	5.668	ug/l	# 15
44) Trichloroethene	7.129	130	99626	28.730	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	1792	0.453	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	102188	20.559	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	102188	62.643	ug/l	# 5

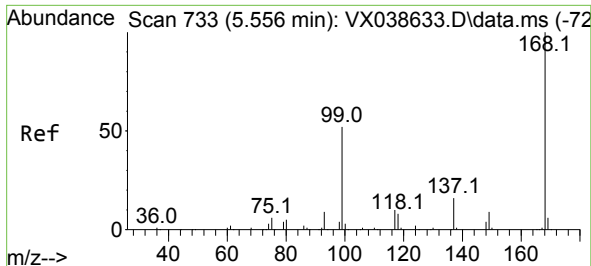
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX038725.D

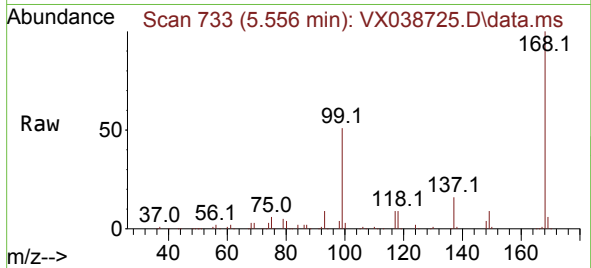
Acq: 10 Nov 2023 13:52

Instrument :

MSVOA_X

ClientSampleId :

FSND-GEP-1-20231102DL

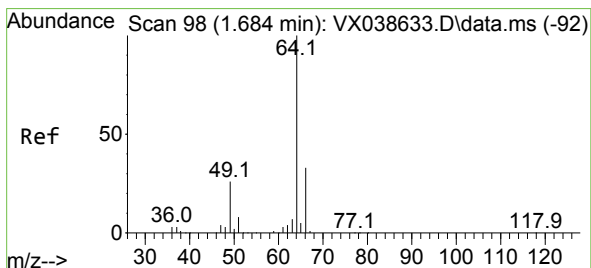
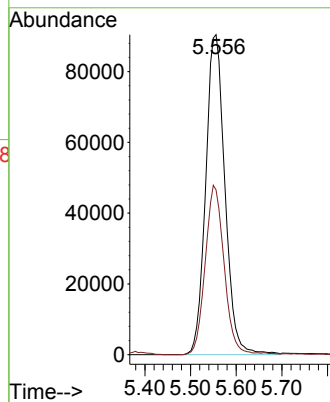
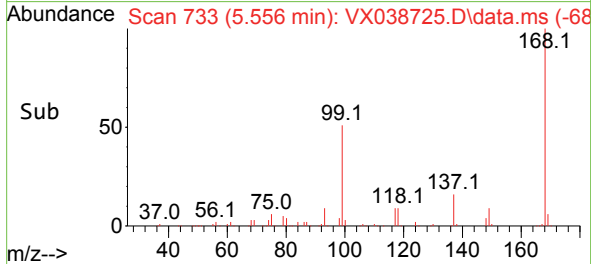


Tgt Ion:168 Resp: 265016

Ion Ratio Lower Upper

168 100

99 51.5 56.6 85.0#



#6

Chloroethane

Concen: 0.505 ug/l

RT: 1.721 min Scan# 104

Delta R.T. 0.037 min

Lab File: VX038725.D

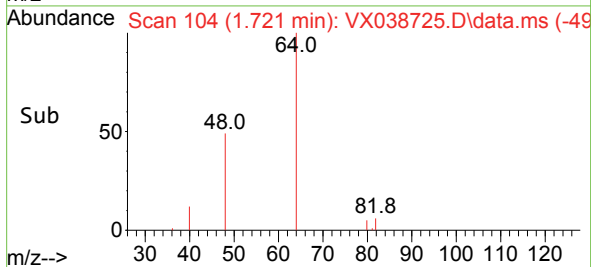
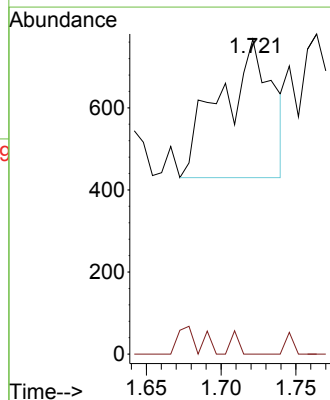
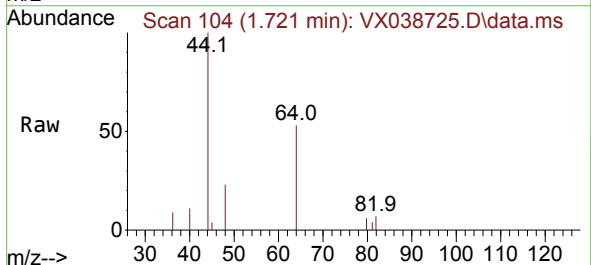
Acq: 10 Nov 2023 13:52

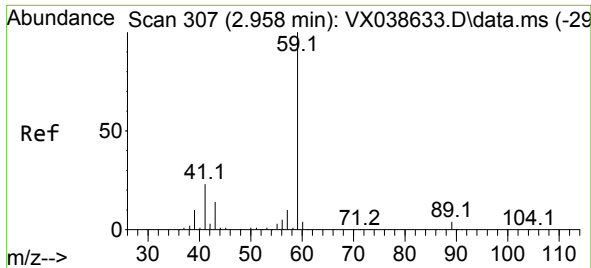
Tgt Ion: 64 Resp: 809

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#

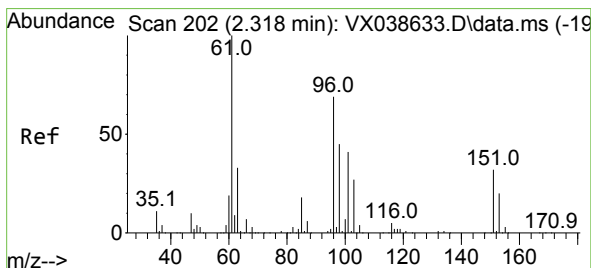
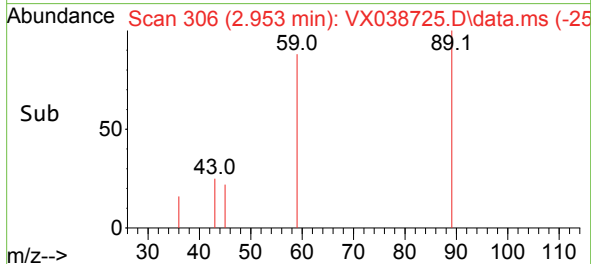
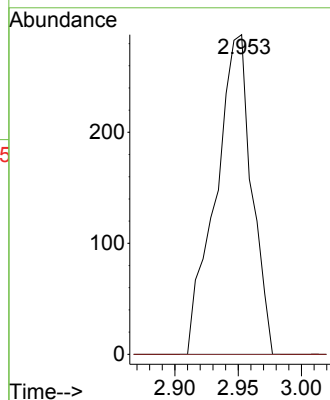
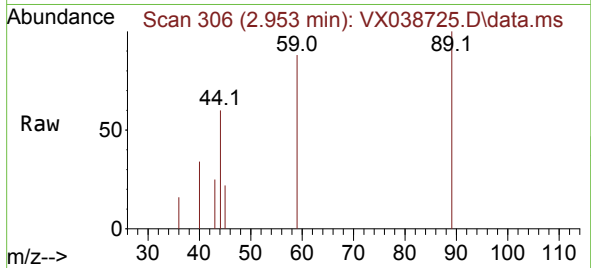




#11
Tert butyl alcohol
Concen: 0.848 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038725.D
Acq: 10 Nov 2023 13:52

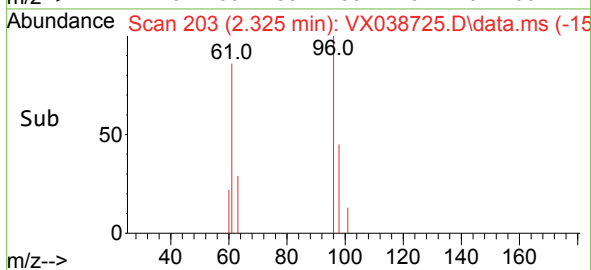
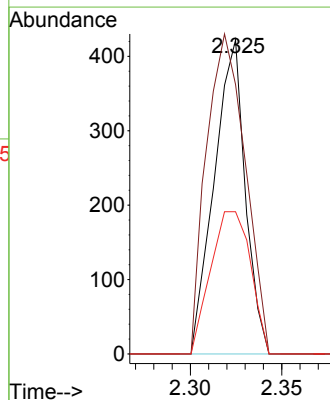
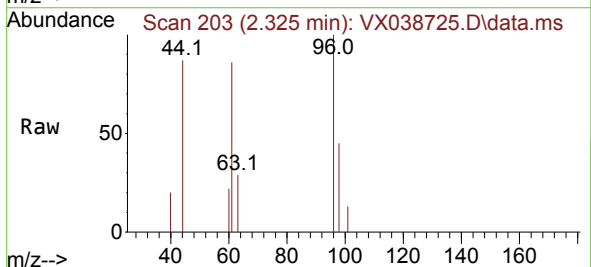
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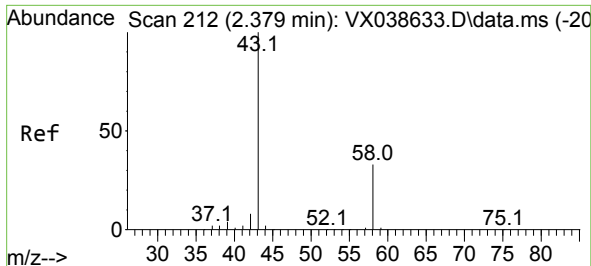
Tgt Ion: 59 Resp: 572
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.201 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX038725.D
Acq: 10 Nov 2023 13:52

Tgt Ion: 96 Resp: 498
Ion Ratio Lower Upper
96 100
61 85.8 144.6 216.8#
98 45.3 50.4 75.6#

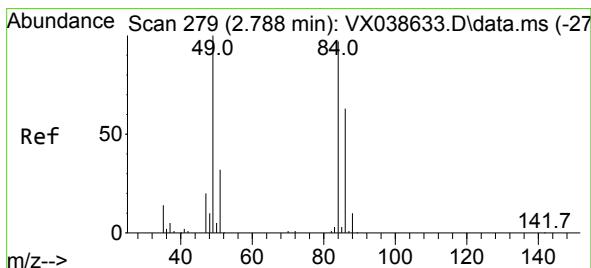
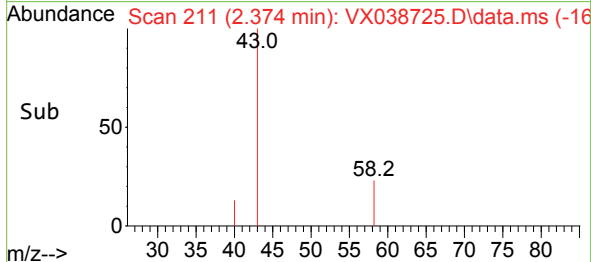
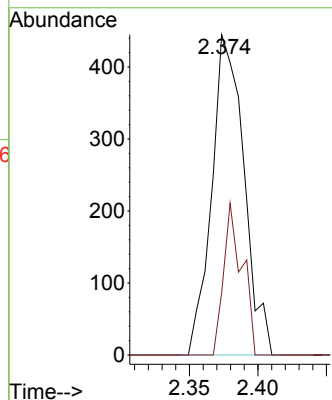
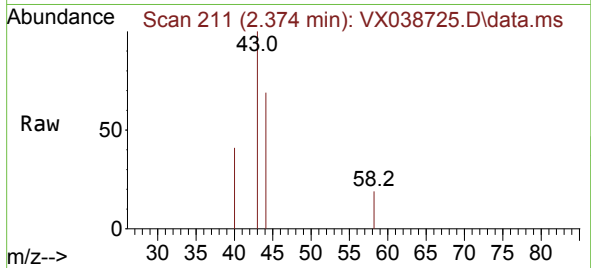




#16
Acetone
Concen: 0.523 ug/l
RT: 2.374 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX038725.D
Acq: 10 Nov 2023 13:52

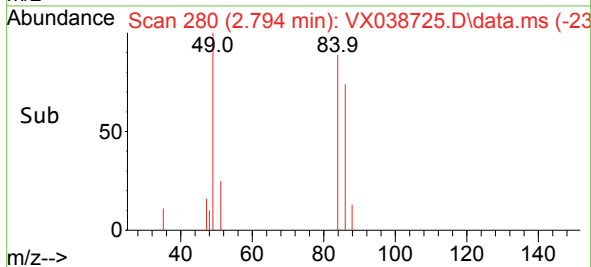
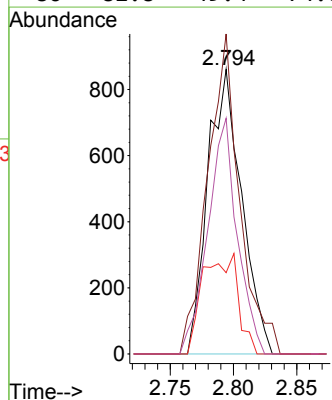
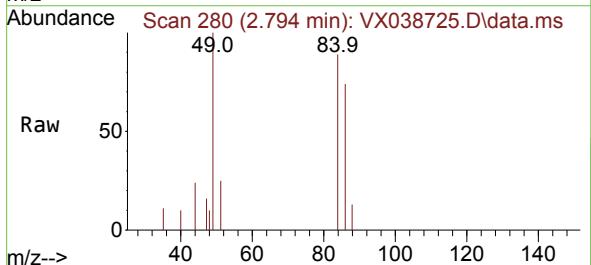
Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-1-20231102DL

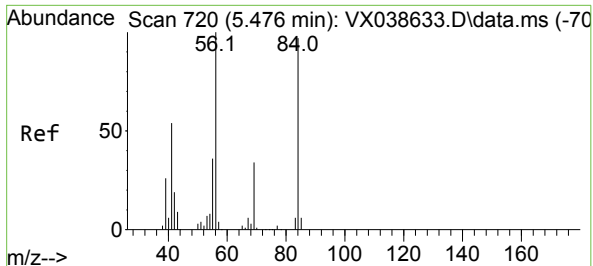
Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
58 19.3 21.9 32.9#



#20
Methylene Chloride
Concen: 0.571 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038725.D
Acq: 10 Nov 2023 13:52

Tgt Ion: 84 Resp: 1599
Ion Ratio Lower Upper
84 100
49 112.4 103.6 155.4
51 28.6 33.8 50.6#
86 82.8 49.4 74.0#





#31

Cyclohexane

Concen: 1.234 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.080 min

Lab File: VX038725.D

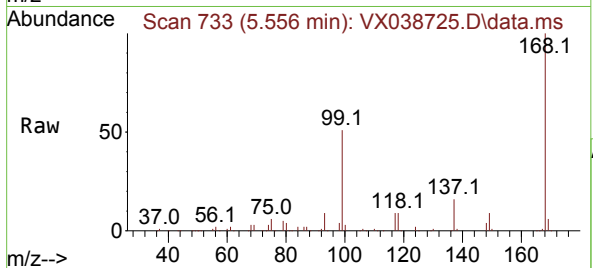
Acq: 10 Nov 2023 13:52

Instrument :

MSVOA_X

ClientSampleId :

FSND-GEP-1-20231102DL



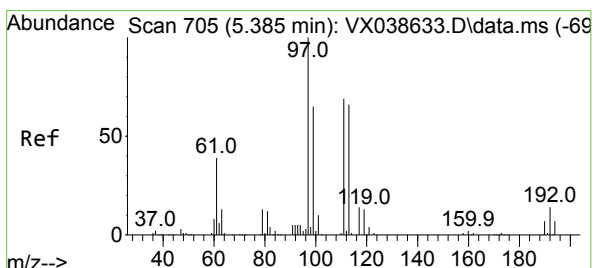
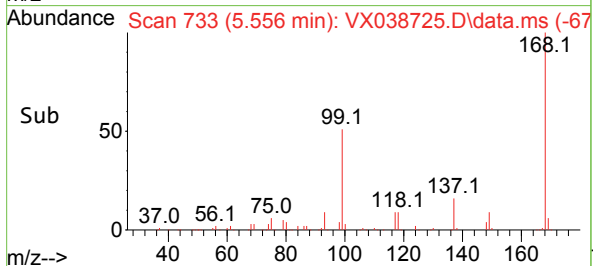
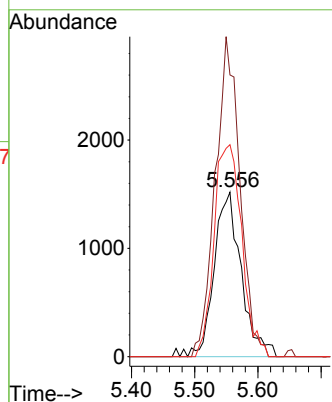
Tgt Ion: 56 Resp: 4506

Ion Ratio Lower Upper

56 100

69 171.3 23.4 35.2#

84 128.8 65.9 98.9#



#32

1,1,1-Trichloroethane

Concen: 0.853 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038725.D

Acq: 10 Nov 2023 13:52

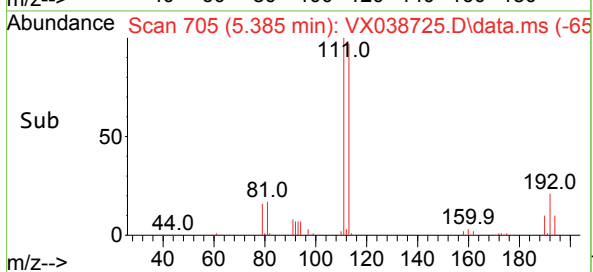
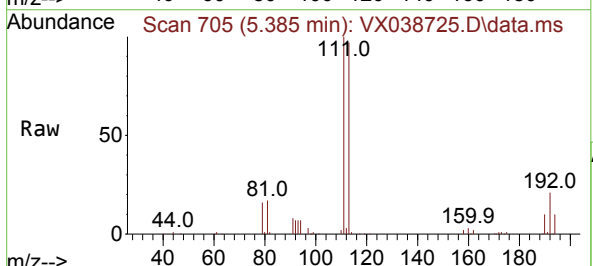
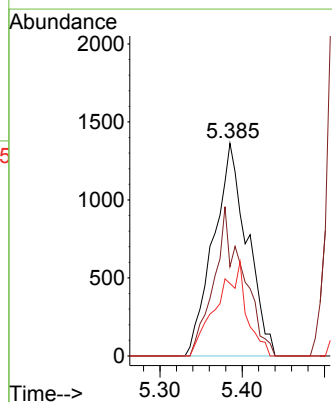
Tgt Ion: 97 Resp: 3892

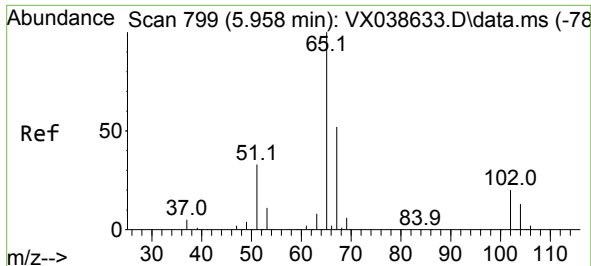
Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7#

61 38.7 36.4 54.6

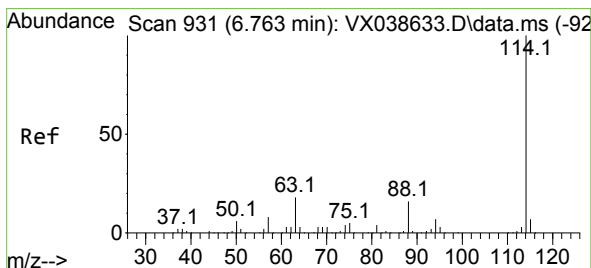
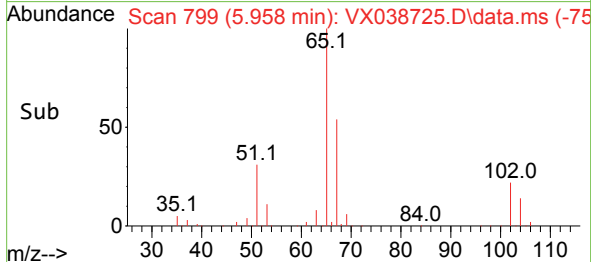
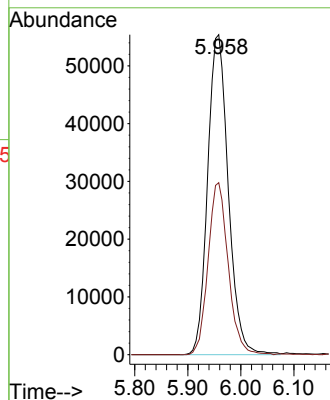
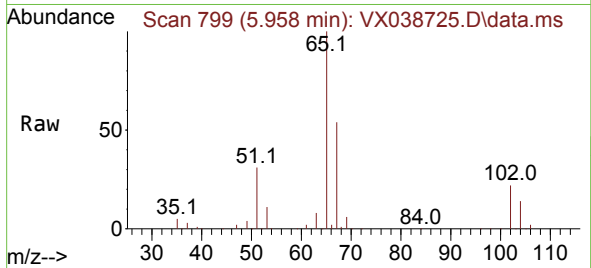




#33
 1,2-Dichloroethane-d4
 Concen: 45.449 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038725.D
 Acq: 10 Nov 2023 13:52

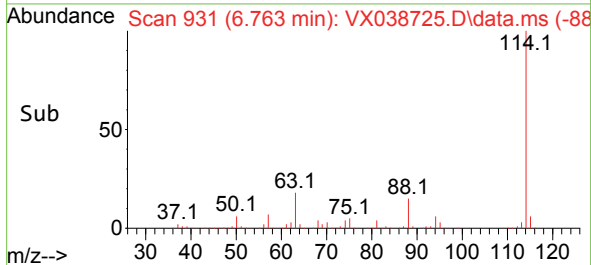
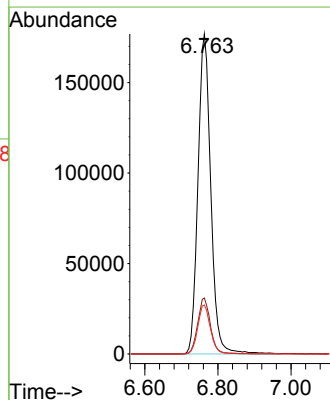
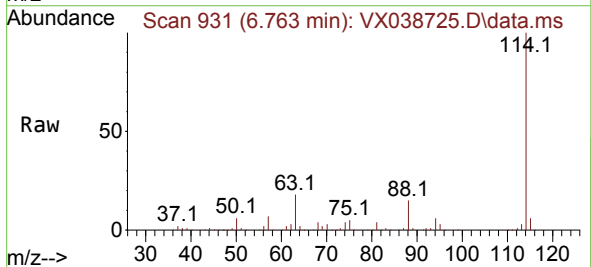
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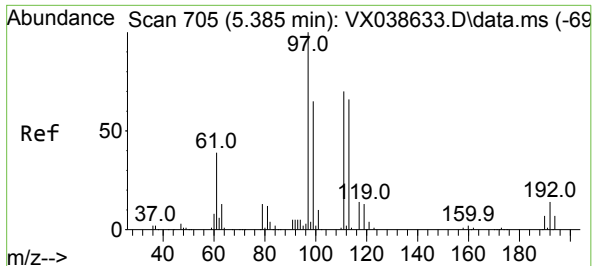
Tgt Ion: 65 Resp: 149952
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038725.D
 Acq: 10 Nov 2023 13:52

Tgt Ion:114 Resp: 432503
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 45.0
 88 15.3 0.0 36.6

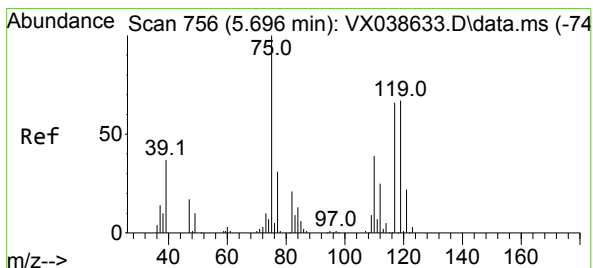
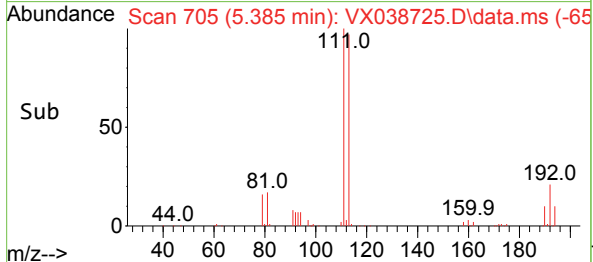
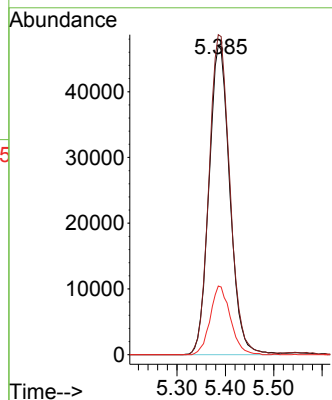
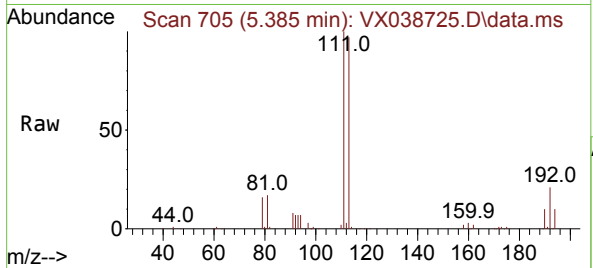




#35
 Dibromofluoromethane
 Concen: 45.223 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX038725.D
 Acq: 10 Nov 2023 13:52

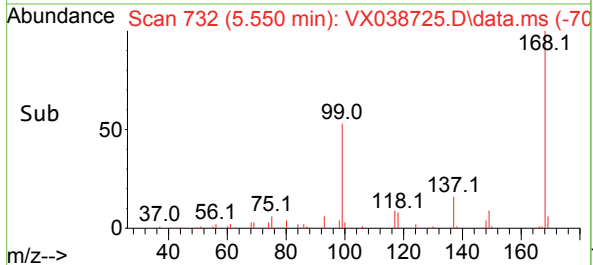
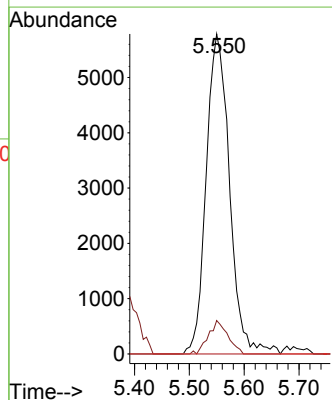
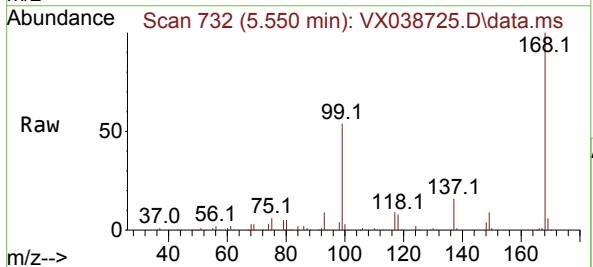
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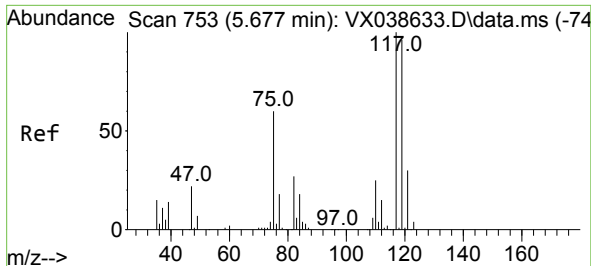
Tgt Ion:113 Resp: 140870
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.9 124.3
 192 21.5 13.3 19.9#



#36
 1,1-Dichloropropene
 Concen: 4.417 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.146 min
 Lab File: VX038725.D
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Tgt Ion: 75 Resp: 17093
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.0 50.9#
 77 0.0 24.7 37.1#

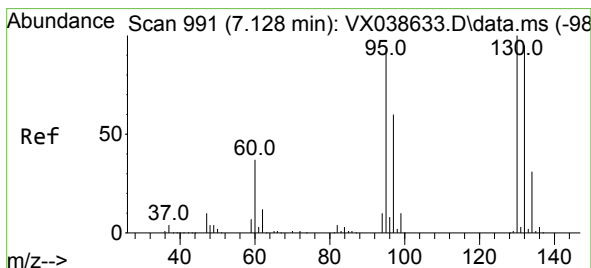
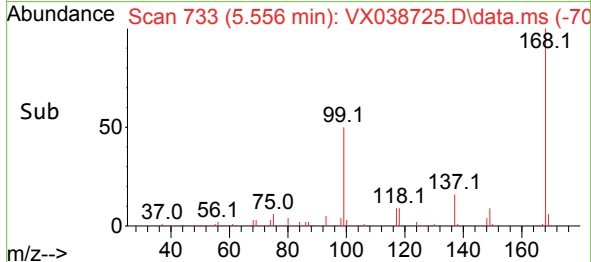
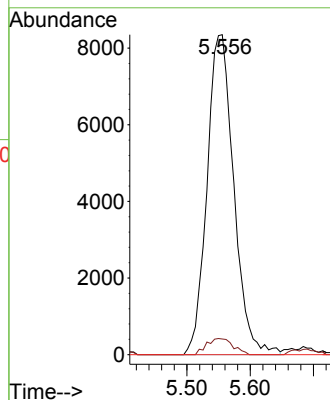
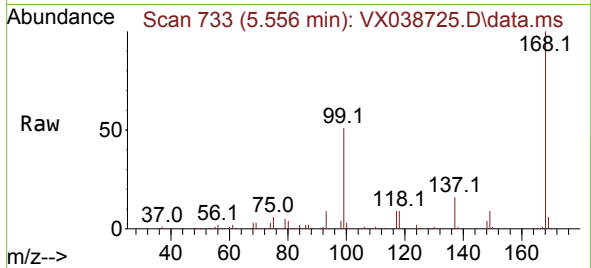




#38
Carbon Tetrachloride
Concen: 5.668 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038725.D
Acq: 10 Nov 2023 13:52

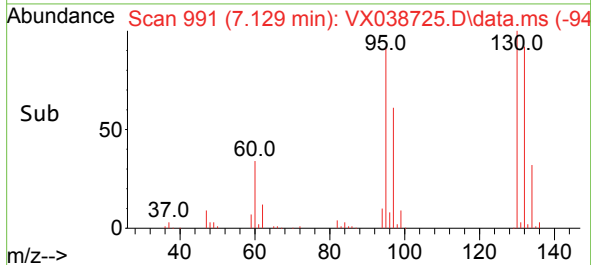
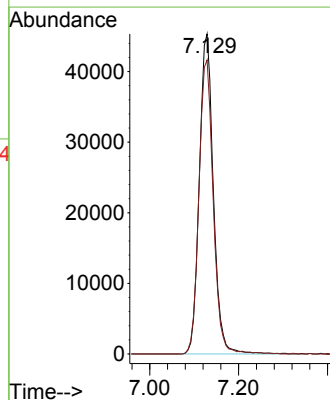
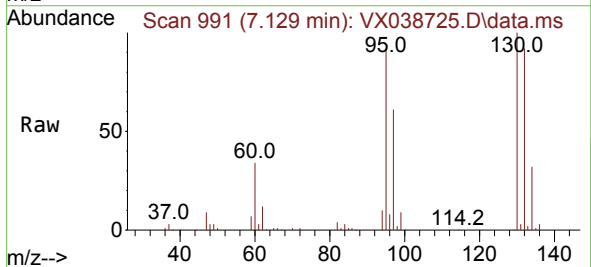
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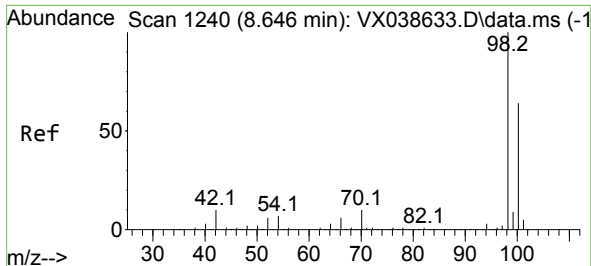
Tgt Ion:117 Resp: 24520
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 28.730 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038725.D
Acq: 10 Nov 2023 13:52

Tgt Ion:130 Resp: 99626
Ion Ratio Lower Upper
130 100
95 91.9 0.0 204.4

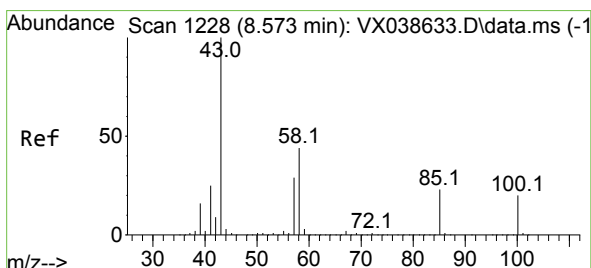
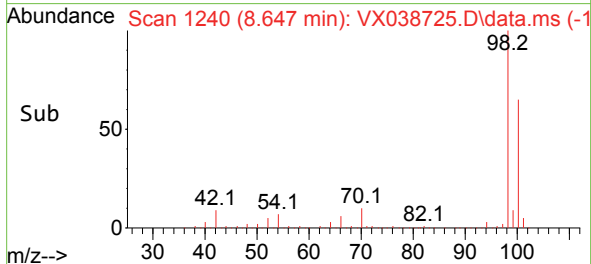
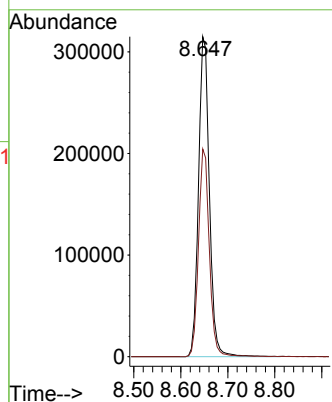
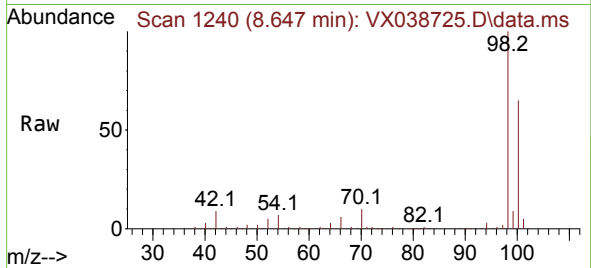




#50
Toluene-d8
Concen: 45.496 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038725.D
Acq: 10 Nov 2023 13:52

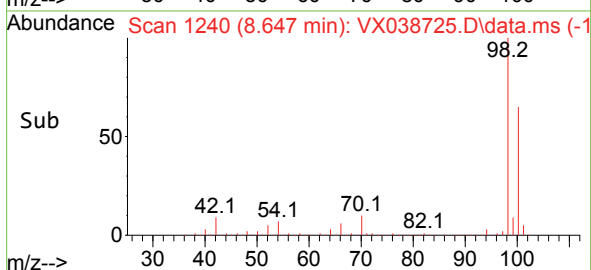
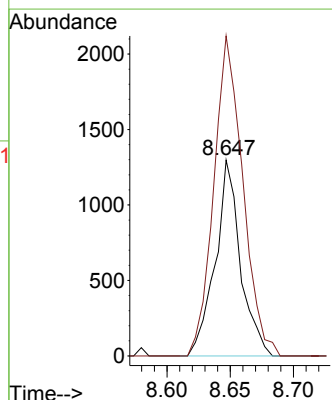
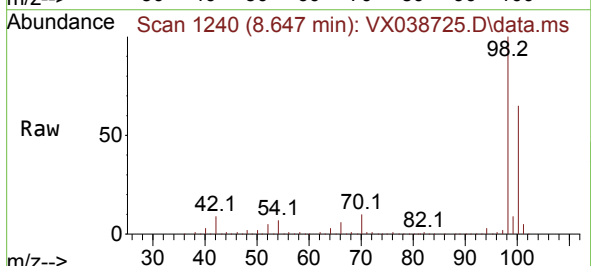
Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-1-20231102DL

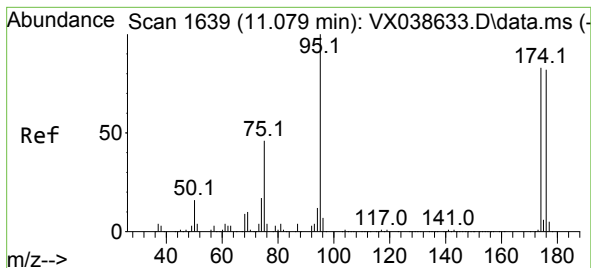
Tgt Ion: 98 Resp: 507134
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.453 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX038725.D
Acq: 10 Nov 2023 13:52

Tgt Ion: 43 Resp: 1792
Ion Ratio Lower Upper
43 100
58 188.6 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 49.670 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038725.D

Acq: 10 Nov 2023 13:52

Instrument :

MSVOA_X

ClientSampleId :

FSND-GEP-1-20231102DL

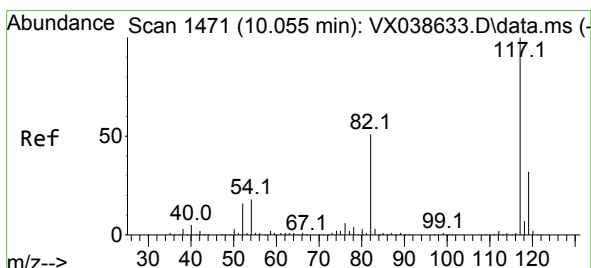
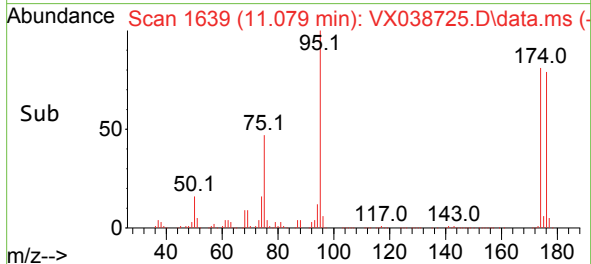
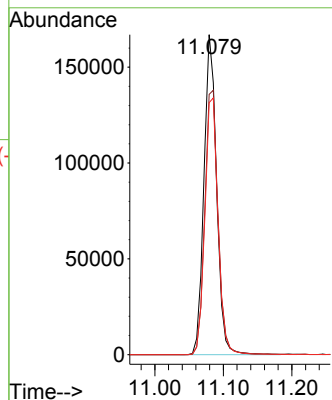
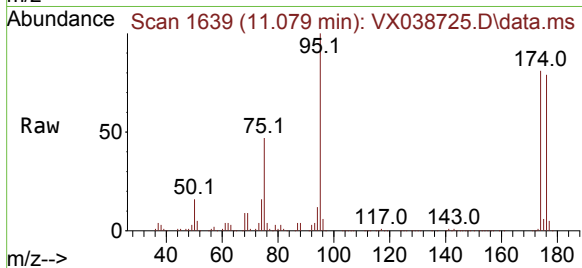
Tgt Ion: 95 Resp: 214660

Ion Ratio Lower Upper

95 100

174 87.4 0.0 135.6

176 84.4 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038725.D

Acq: 10 Nov 2023 13:52

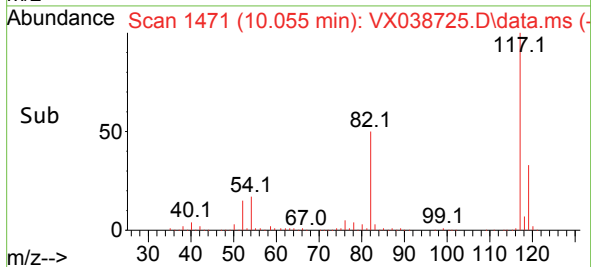
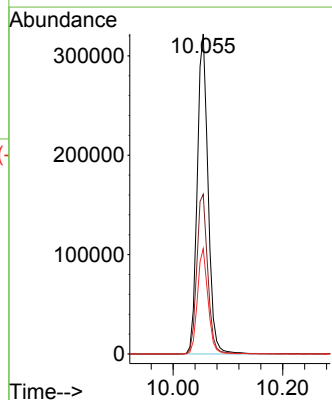
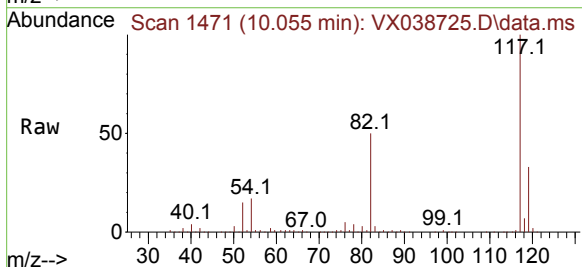
Tgt Ion: 117 Resp: 444132

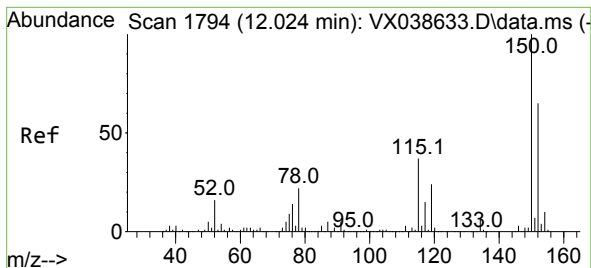
Ion Ratio Lower Upper

117 100

82 49.9 46.2 69.4

119 32.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038725.D

Acq: 10 Nov 2023 13:52

Instrument :

MSVOA_X

ClientSampleId :

FSND-GEP-1-20231102DL

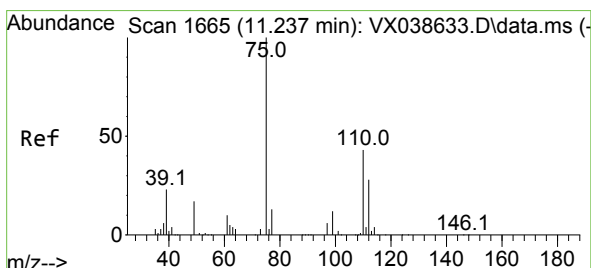
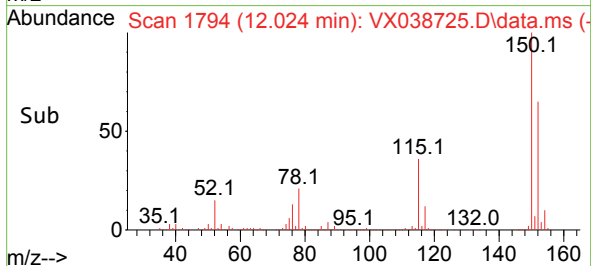
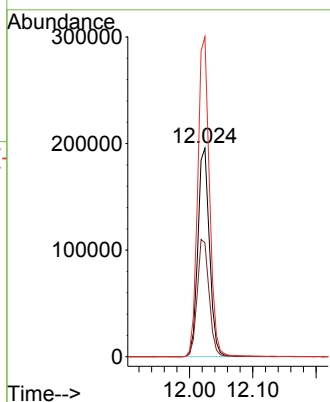
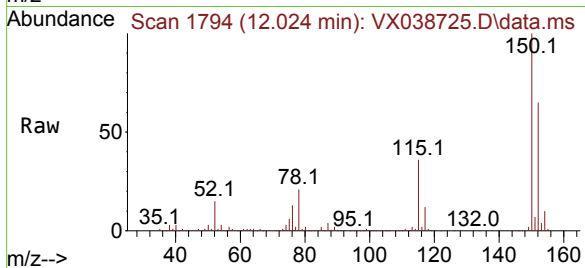
Tgt Ion:152 Resp: 250967

Ion Ratio Lower Upper

152 100

115 57.3 43.3 129.9

150 154.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.559 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038725.D

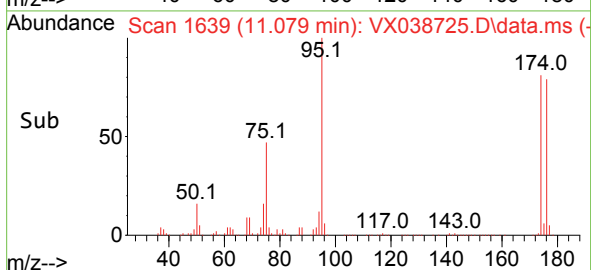
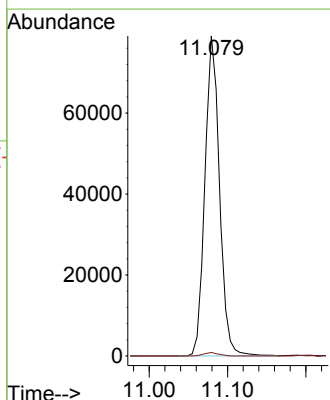
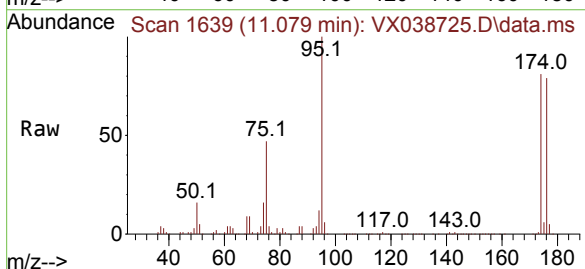
Acq: 10 Nov 2023 13:52

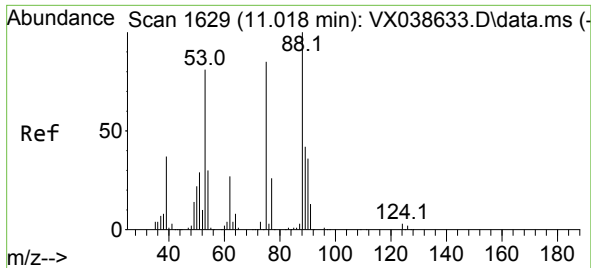
Tgt Ion: 75 Resp: 102188

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.643 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038725.D
 Acq: 10 Nov 2023 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-GEP-1-20231102DL

Tgt Ion: 75 Resp: 102188
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

