

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112624\
 Data File : VX044012.D
 Acq On : 26 Nov 2024 13:18
 Operator : JC/MD
 Sample : P4873-07DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-GEP-3-20241114DL

Quant Time: Nov 27 00:51:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

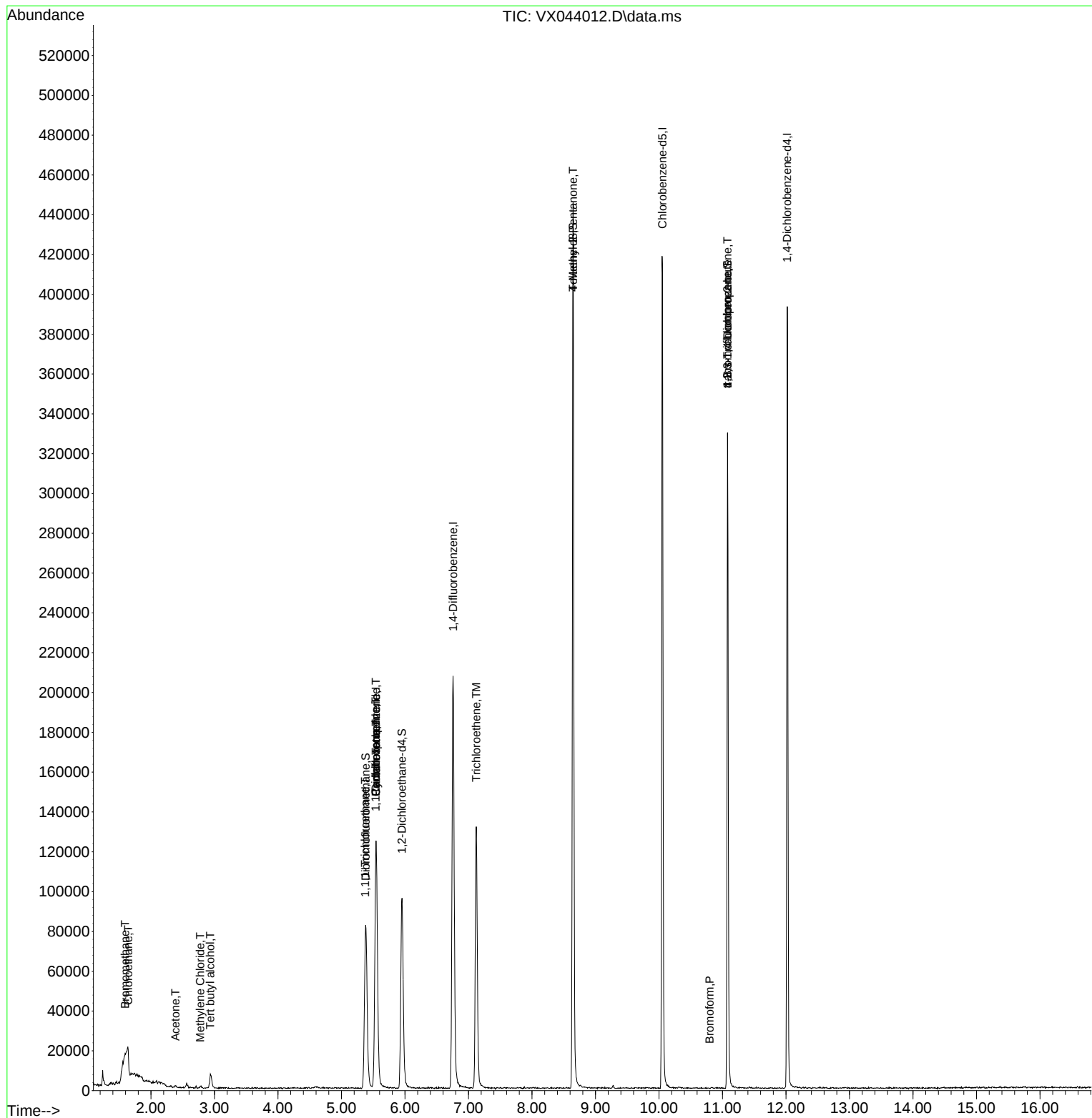
Internal Standards						
1) Pentafluorobenzene	5.544	168	110646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	210130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95153	50.139	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.280%			
35) Dibromofluoromethane	5.379	113	69909	46.560	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.120%			
50) Toluene-d8	8.647	98	258123	49.871	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.740%			
62) 4-Bromofluorobenzene	11.079	95	85448	48.510	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.020%			
Target Compounds						Qvalue
5) Bromomethane	1.593	94	260	0.269	ug/l #	76
6) Chloroethane	1.642	64	374	0.391	ug/l	94
11) Tert butyl alcohol	2.934	59	3802	12.482	ug/l #	73
16) Acetone	2.386	43	764	0.877	ug/l	99
20) Methylene Chloride	2.776	84	303	0.205	ug/l #	76
31) Cyclohexane	5.544	56	3180	1.503	ug/l #	59
32) 1,1,1-Trichloroethane	5.373	97	748	0.314	ug/l #	34
36) 1,1-Dichloropropene	5.538	75	10641	5.687	ug/l #	50
38) Carbon Tetrachloride	5.544	117	13120	6.241	ug/l #	18
44) Trichloroethene	7.123	130	49983	30.295	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	1428	0.633	ug/l #	1
71) Bromoform	10.799	173	26	1.231	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	46806	27.295	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	46806	74.480	ug/l #	6

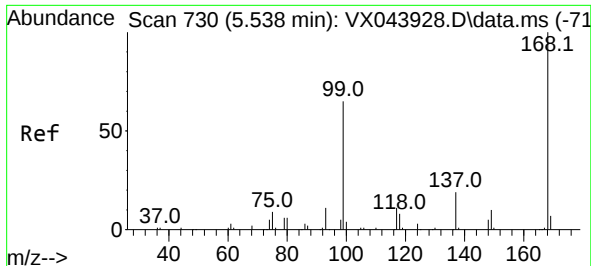
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112624\
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FSND-GEP-3-20241114DL

Quant Time: Nov 27 00:51:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

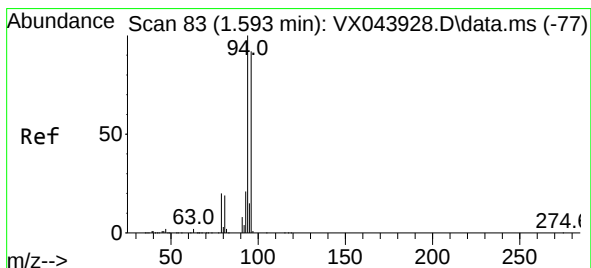
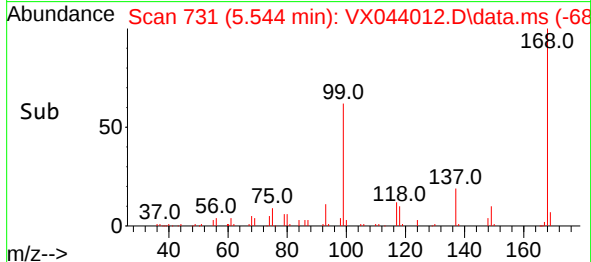
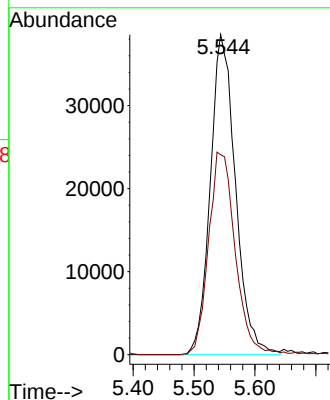
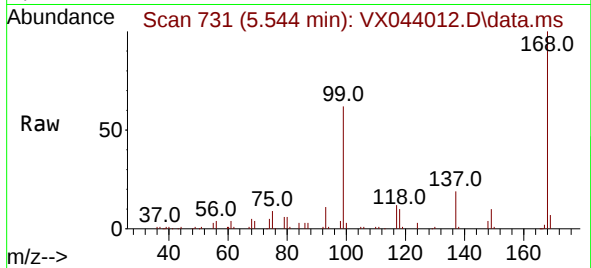




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044012.D
Acq: 26 Nov 2024 13:18

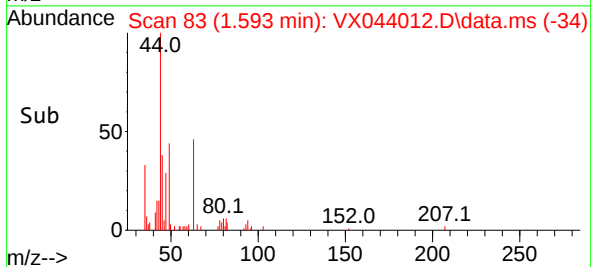
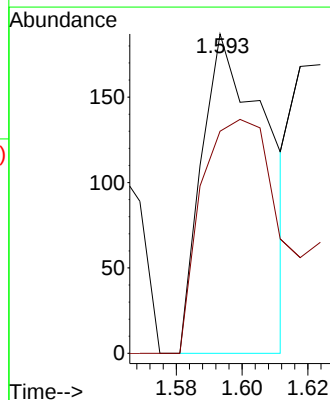
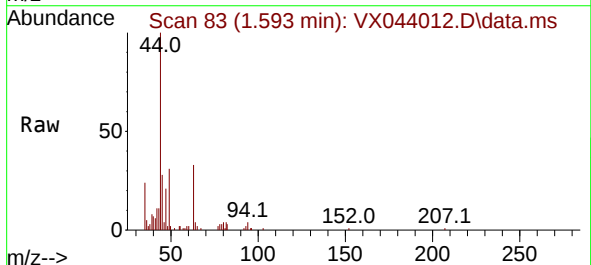
Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-3-20241114DL

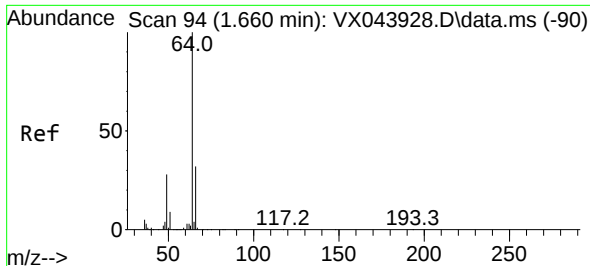
Tgt Ion:168 Resp: 110646
Ion Ratio Lower Upper
168 100
99 62.5 51.8 77.8



#5
Bromomethane
Concen: 0.269 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044012.D
Acq: 26 Nov 2024 13:18

Tgt Ion: 94 Resp: 260
Ion Ratio Lower Upper
94 100
96 69.5 73.9 110.9#

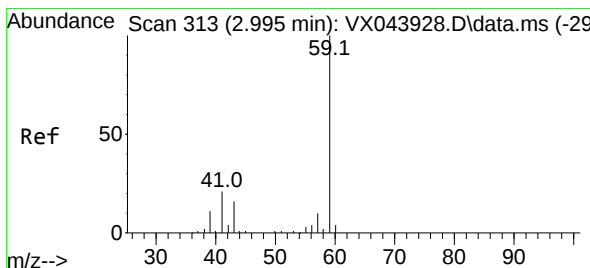
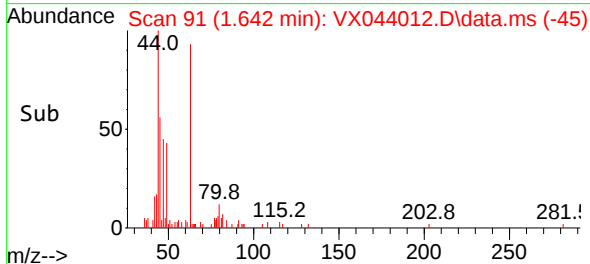
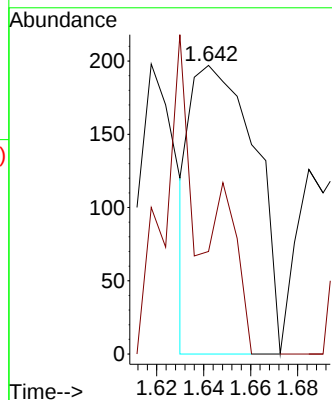
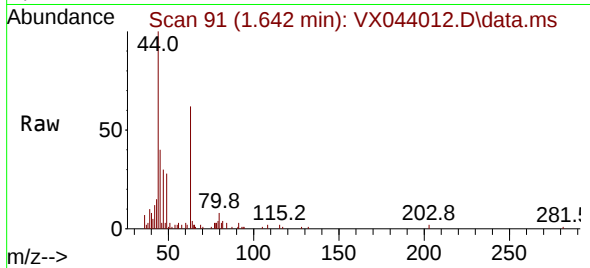




#6
Chloroethane
Concen: 0.391 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX044012.D
Acq: 26 Nov 2024 13:18

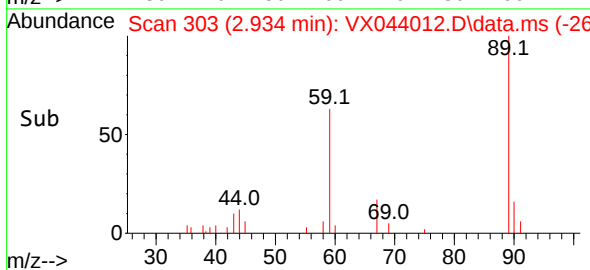
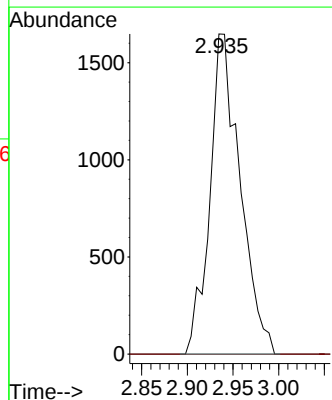
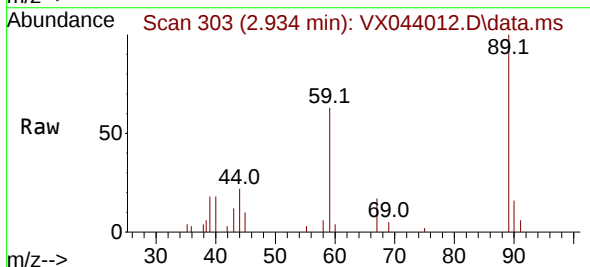
Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-3-20241114DL

Tgt Ion: 64 Resp: 374
Ion Ratio Lower Upper
64 100
66 35.5 25.9 38.9



#11
Tert butyl alcohol
Concen: 12.482 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.061 min
Lab File: VX044012.D
Acq: 26 Nov 2024 13:18

Tgt Ion: 59 Resp: 3802
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#16

Acetone

Concen: 0.877 ug/l

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX044012.D

Acq: 26 Nov 2024 13:18

Instrument :

MSVOA_X

ClientSampleId :

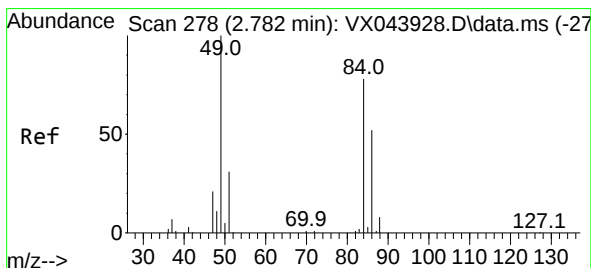
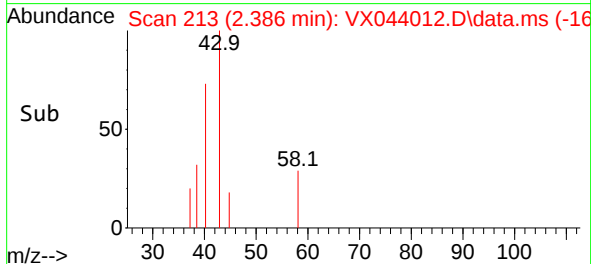
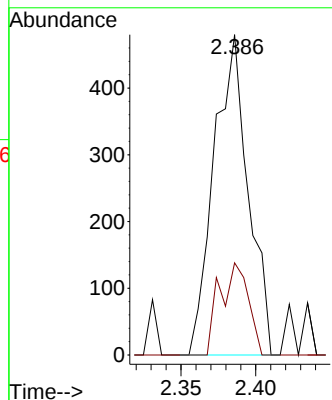
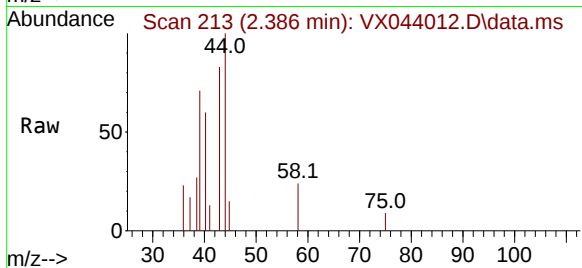
FSND-GEP-3-20241114DL

Tgt Ion: 43 Resp: 764

Ion Ratio Lower Upper

43 100

58 28.7 22.7 34.1



#20

Methylene Chloride

Concen: 0.205 ug/l

RT: 2.776 min Scan# 277

Delta R.T. -0.006 min

Lab File: VX044012.D

Acq: 26 Nov 2024 13:18

Tgt Ion: 84 Resp: 303

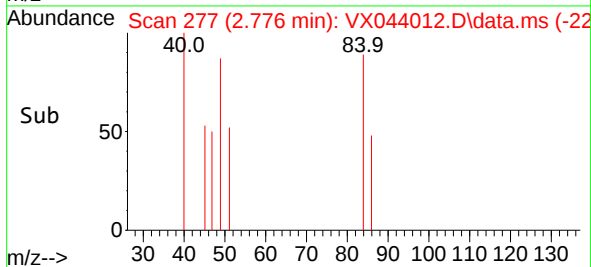
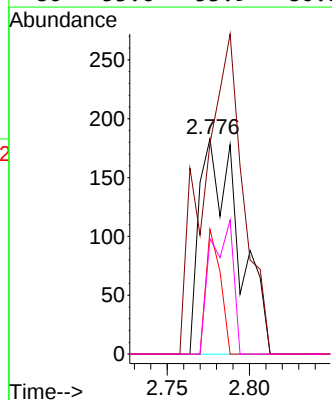
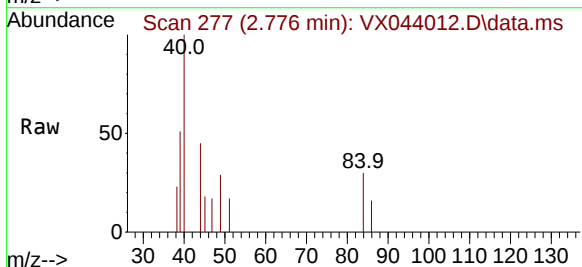
Ion Ratio Lower Upper

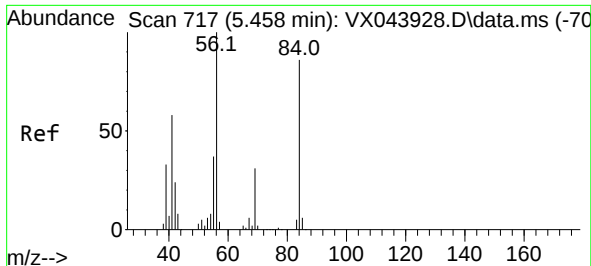
84 100

49 97.8 102.7 154.1#

51 57.9 31.7 47.5#

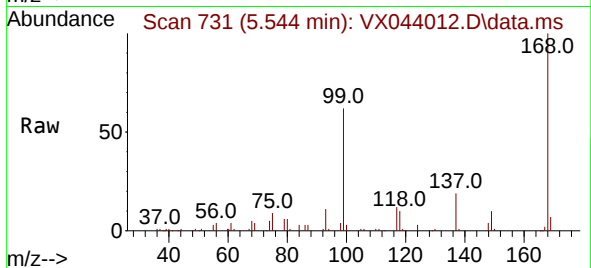
86 53.6 53.9 80.9#



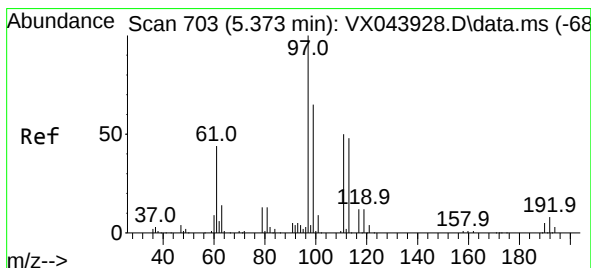
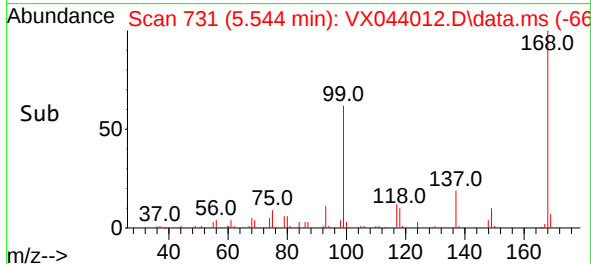
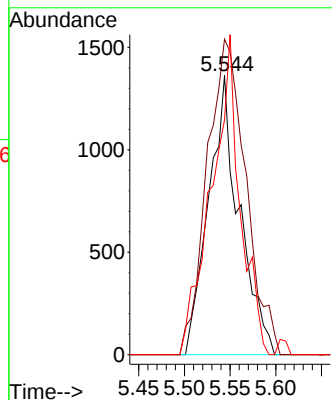


#31
Cyclohexane
Concen: 1.503 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX044012.D
Acq: 26 Nov 2024 13:18

Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-3-20241114DL

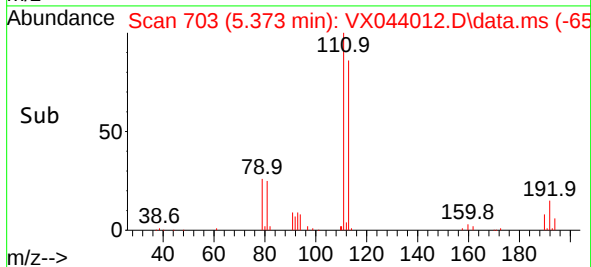
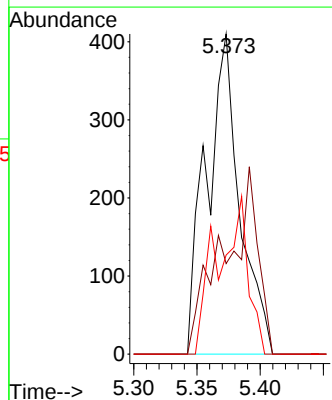
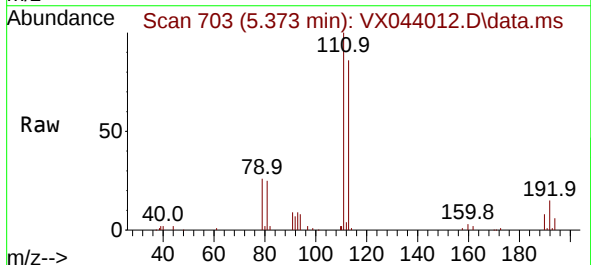


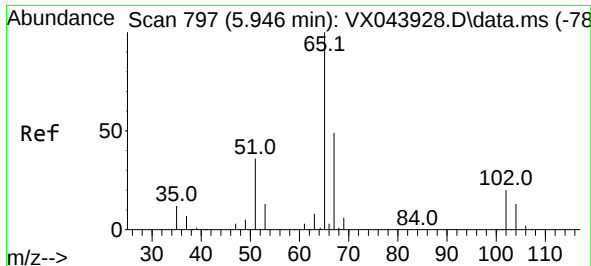
Tgt Ion: 56 Resp: 3180
Ion Ratio Lower Upper
56 100
69 113.0 24.7 37.1#
84 84.1 68.7 103.1



#32
1,1,1-Trichloroethane
Concen: 0.314 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX044012.D
Acq: 26 Nov 2024 13:18

Tgt Ion: 97 Resp: 748
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 16.4 35.4 53.2#





#33

1,2-Dichloroethane-d4

Concen: 50.139 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX044012.D

Acq: 26 Nov 2024 13:18

Instrument :

MSVOA_X

ClientSampleId :

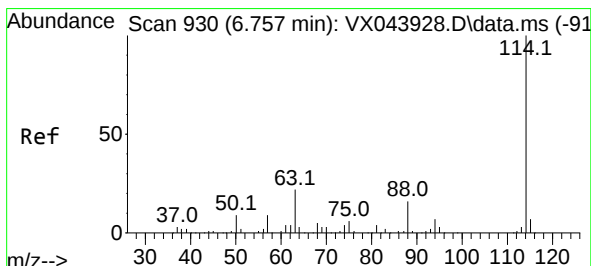
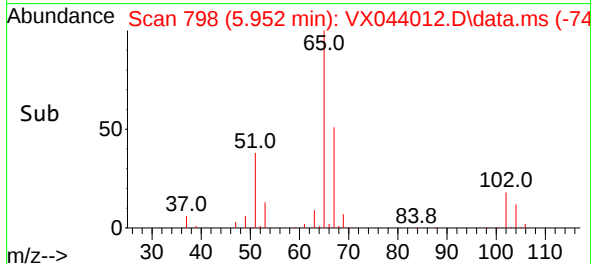
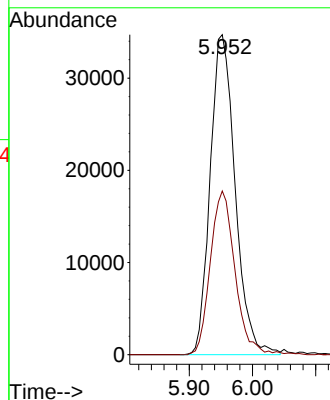
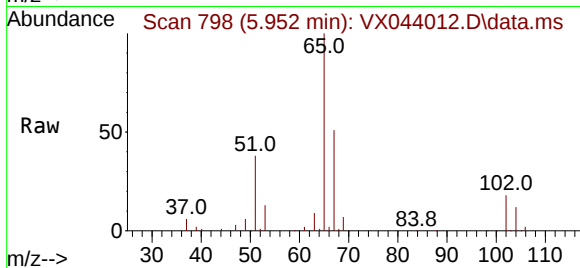
FSND-GEP-3-20241114DL

Tgt Ion: 65 Resp: 95153

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044012.D

Acq: 26 Nov 2024 13:18

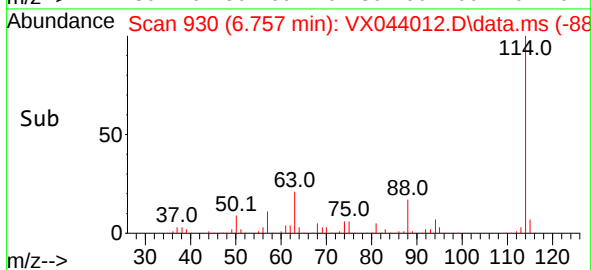
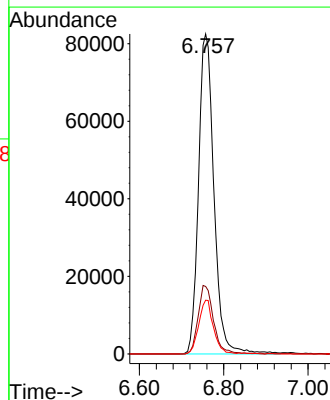
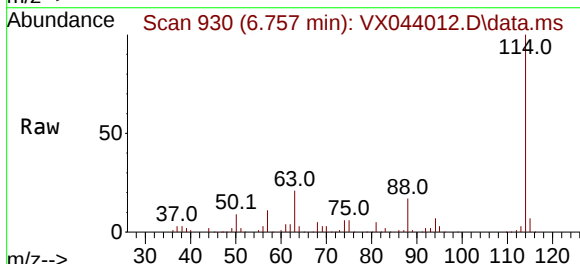
Tgt Ion: 114 Resp: 210130

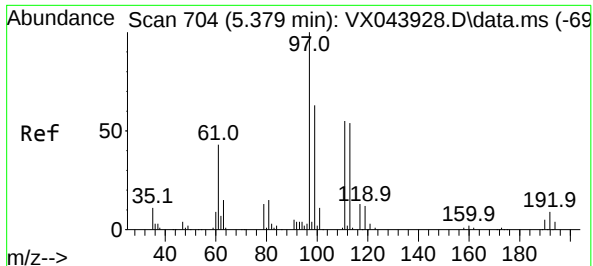
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.0

88 16.8 0.0 32.4

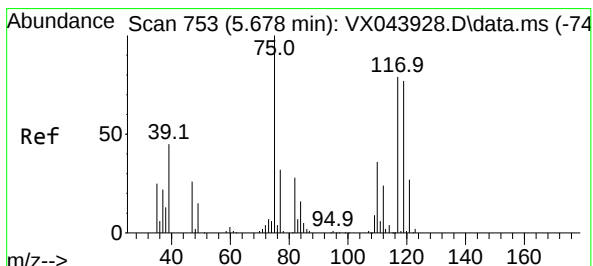
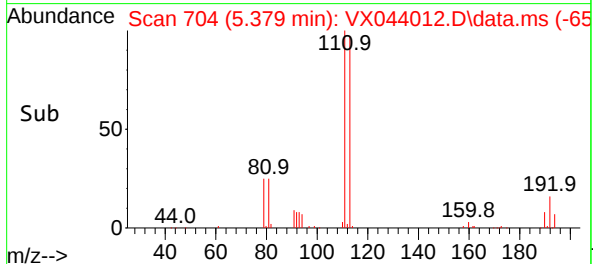
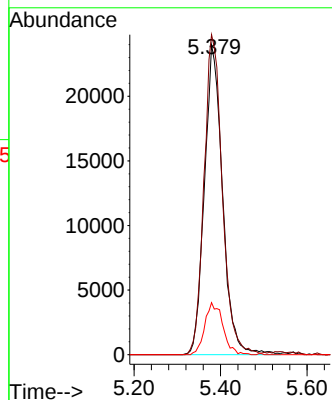
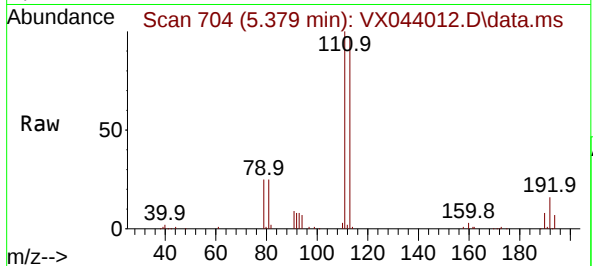




#35
Dibromofluoromethane
Concen: 46.560 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044012.D
Acq: 26 Nov 2024 13:18

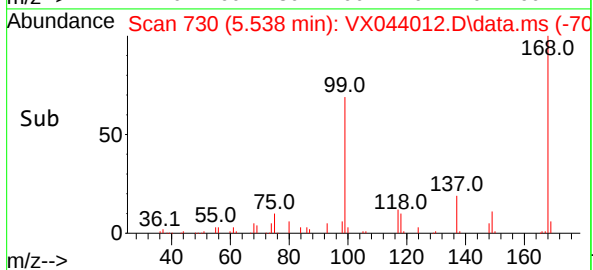
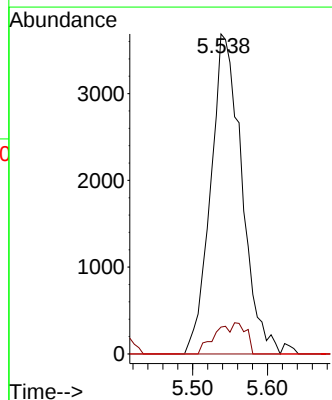
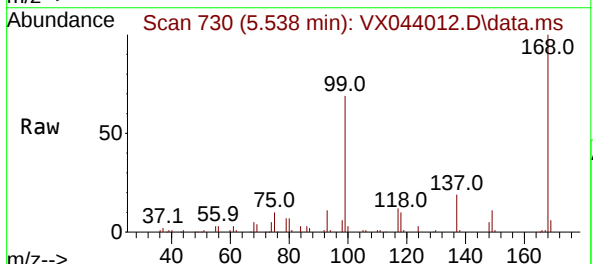
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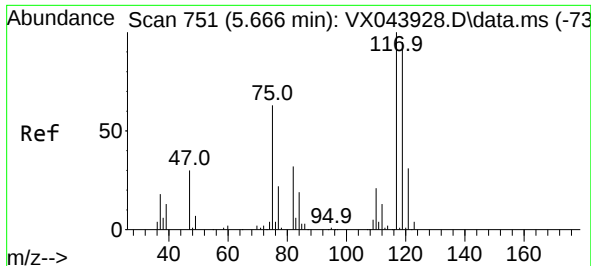
Tgt Ion:113 Resp: 69909
Ion Ratio Lower Upper
113 100
111 103.8 81.0 121.4
192 16.7 13.0 19.6



#36
1,1-Dichloropropene
Concen: 5.687 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.140 min
Lab File: VX044012.D
Acq: 26 Nov 2024 13:18

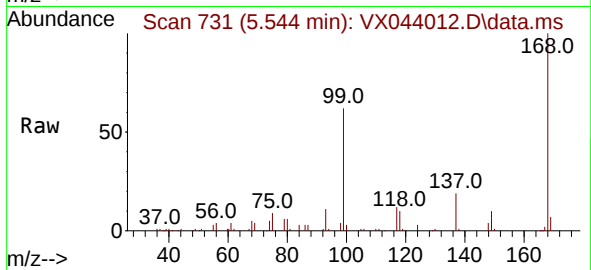
Tgt Ion: 75 Resp: 10641
Ion Ratio Lower Upper
75 100
110 9.6 17.4 52.2#
77 0.0 25.8 38.8#



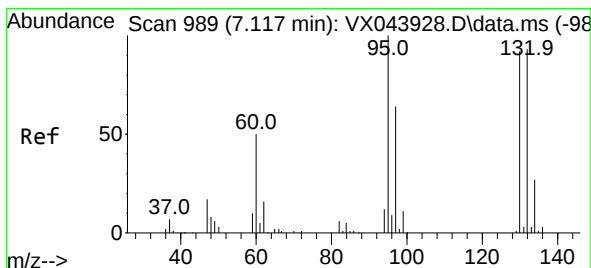
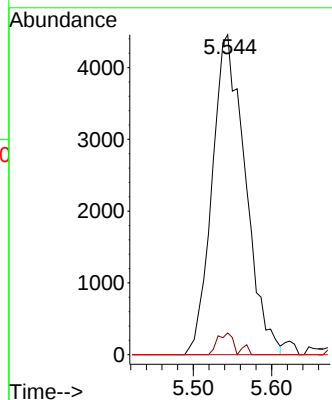
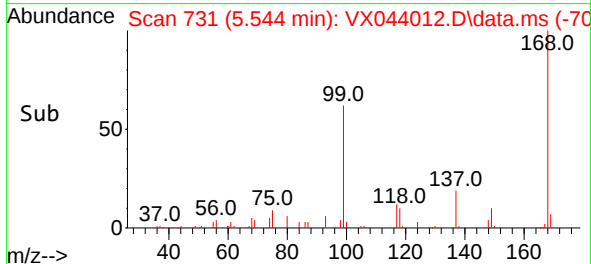


#38
Carbon Tetrachloride
Concen: 6.241 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044012.D
Acq: 26 Nov 2024 13:18

Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-3-20241114DL

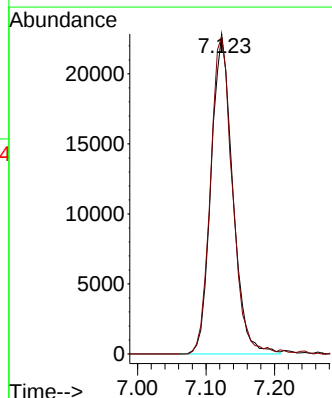
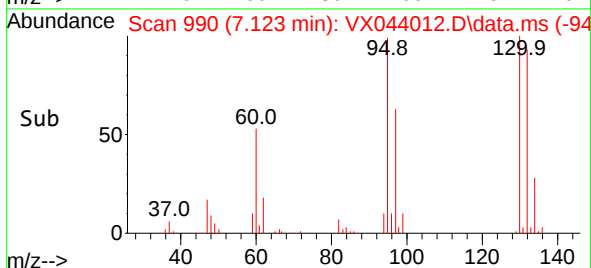
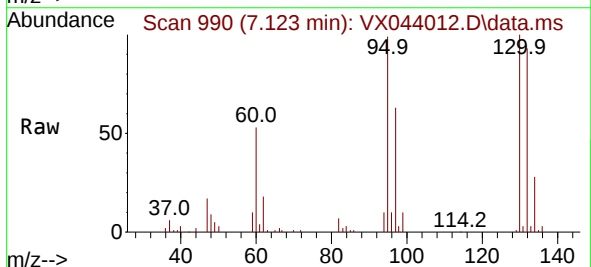


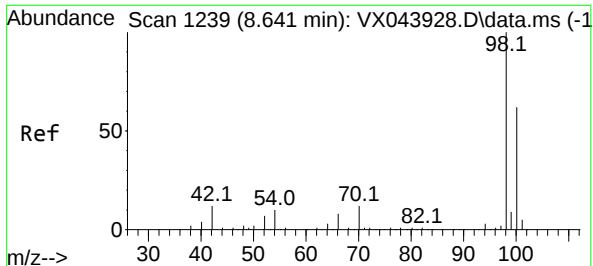
Tgt Ion:117 Resp: 13120
Ion Ratio Lower Upper
117 100
119 6.8 75.2 112.8#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 30.295 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX044012.D
Acq: 26 Nov 2024 13:18

Tgt Ion:130 Resp: 49983
Ion Ratio Lower Upper
130 100
95 99.1 0.0 217.8





#50

Toluene-d8

Concen: 49.871 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044012.D

Acq: 26 Nov 2024 13:18

Instrument :

MSVOA_X

ClientSampleId :

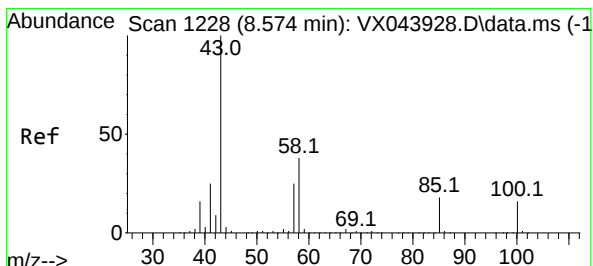
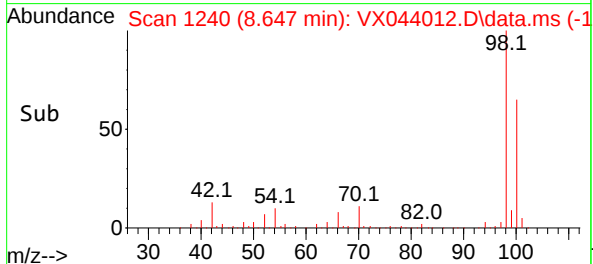
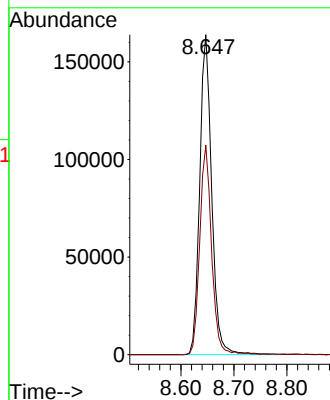
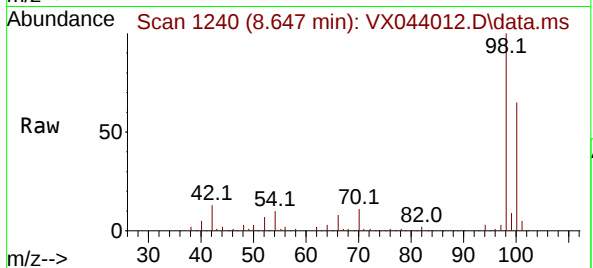
FSND-GEP-3-20241114DL

Tgt Ion: 98 Resp: 258123

Ion Ratio Lower Upper

98 100

100 64.7 52.6 79.0



#51

4-Methyl-2-Pentanone

Concen: 0.633 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX044012.D

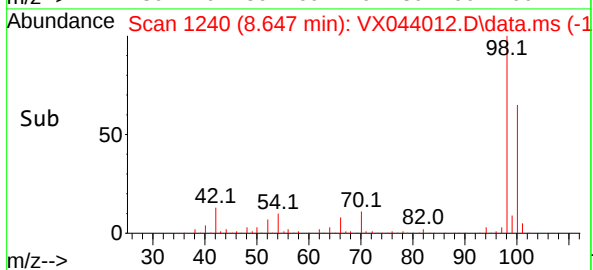
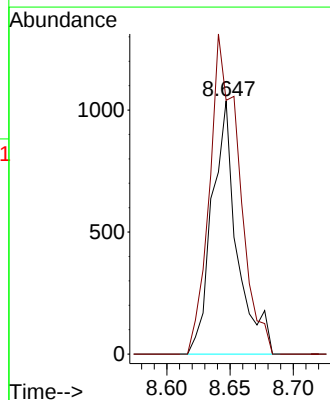
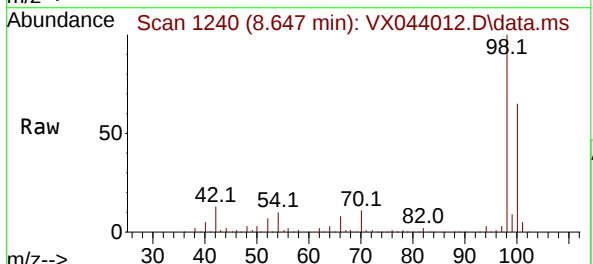
Acq: 26 Nov 2024 13:18

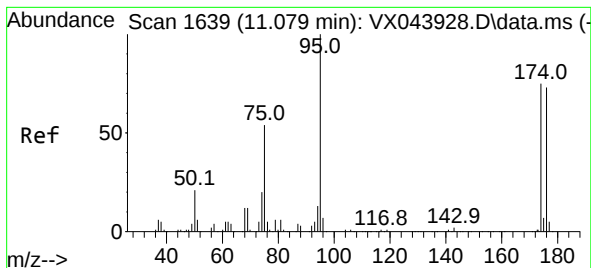
Tgt Ion: 43 Resp: 1428

Ion Ratio Lower Upper

43 100

58 148.5 30.0 45.0#





#62

4-Bromofluorobenzene

Concen: 48.510 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044012.D

Acq: 26 Nov 2024 13:18

Instrument :

MSVOA_X

ClientSampleId :

FSND-GEP-3-20241114DL

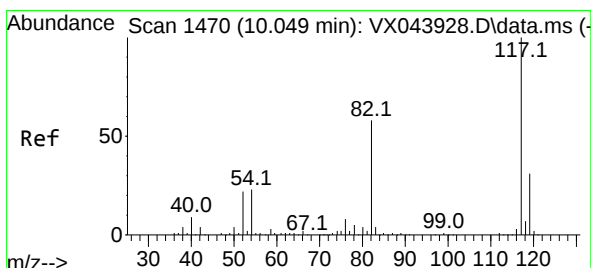
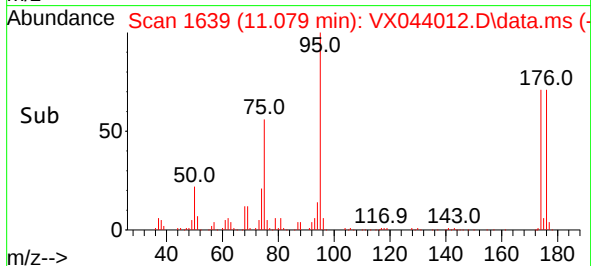
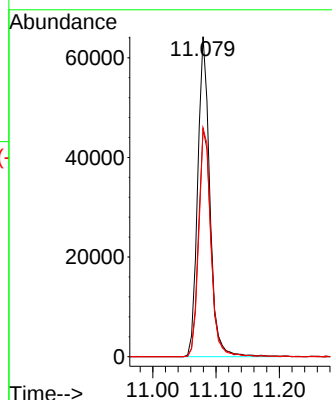
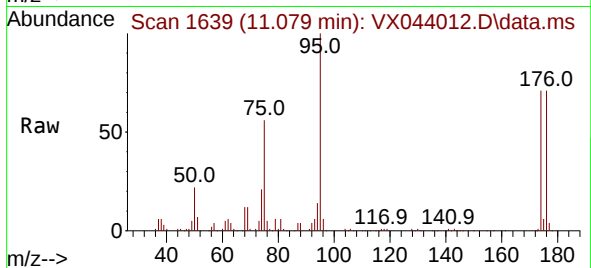
Tgt Ion: 95 Resp: 85448

Ion Ratio Lower Upper

95 100

174 73.2 0.0 150.4

176 71.7 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044012.D

Acq: 26 Nov 2024 13:18

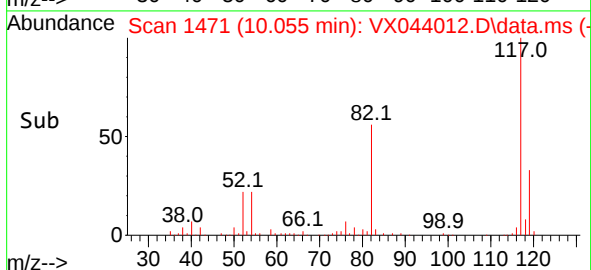
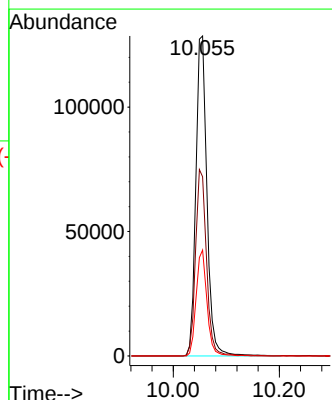
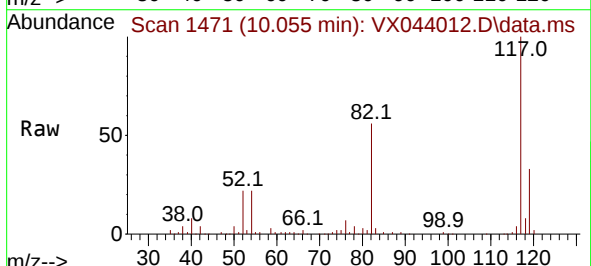
Tgt Ion: 117 Resp: 186506

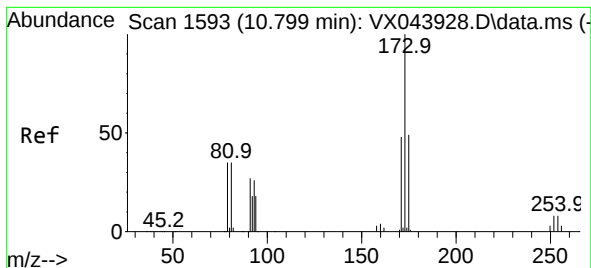
Ion Ratio Lower Upper

117 100

82 56.0 46.4 69.6

119 33.1 24.6 37.0





#71

Bromoform

Concen: 1.231 ug/l

RT: 10.799 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044012.D

Acq: 26 Nov 2024 13:18

Instrument :

MSVOA_X

ClientSampleId :

FSND-GEP-3-20241114DL

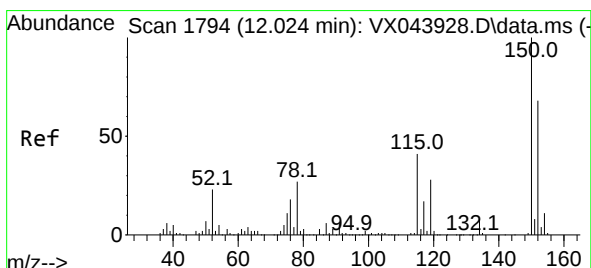
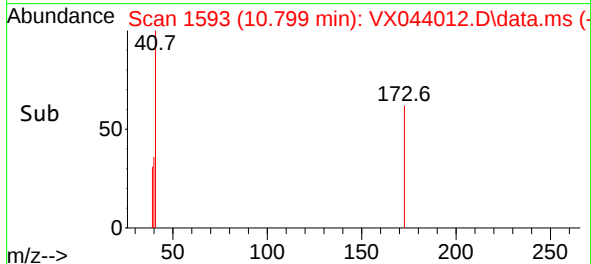
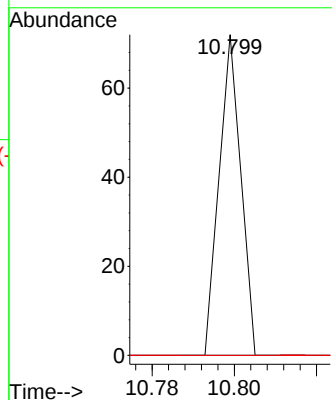
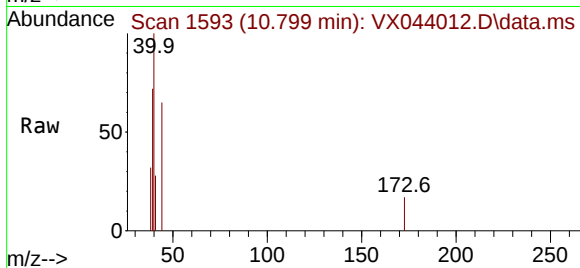
Tgt Ion:173 Resp: 26

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044012.D

Acq: 26 Nov 2024 13:18

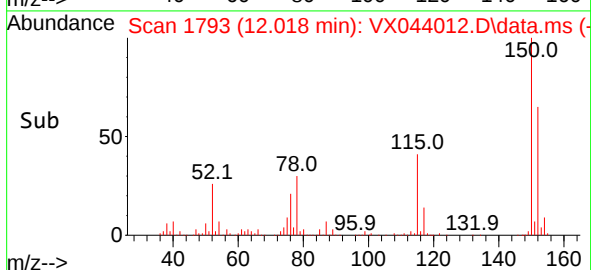
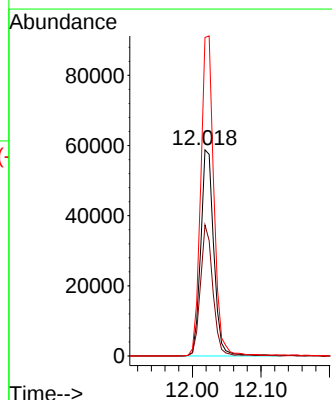
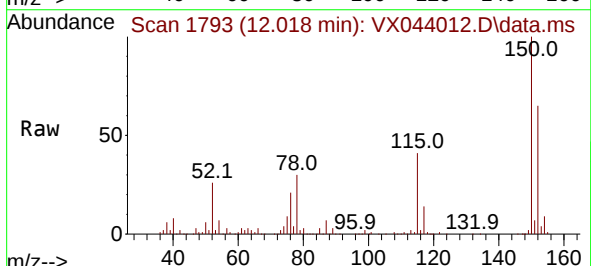
Tgt Ion:152 Resp: 78197

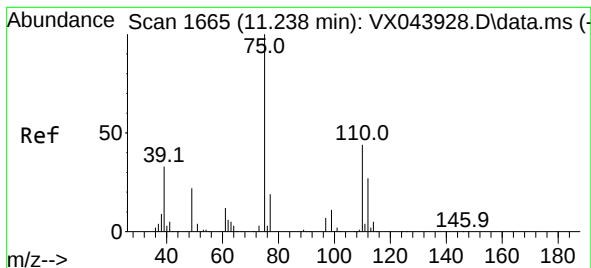
Ion Ratio Lower Upper

152 100

115 60.8 45.4 136.2

150 155.9 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 27.295 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044012.D

Acq: 26 Nov 2024 13:18

Instrument :

MSVOA_X

ClientSampleId :

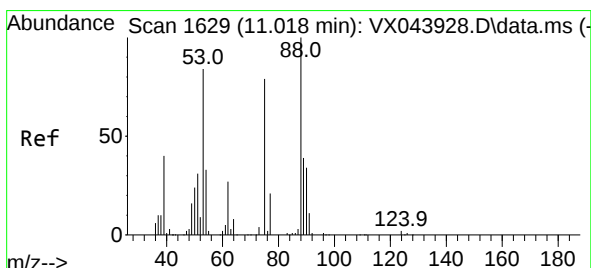
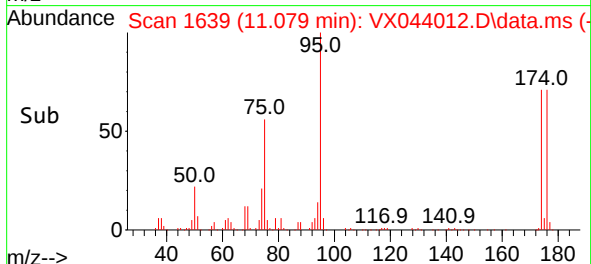
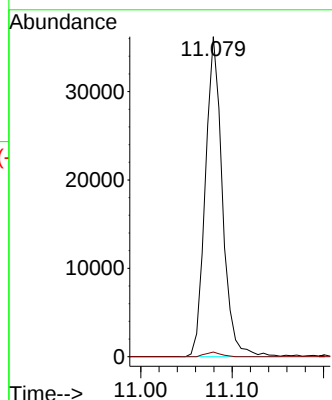
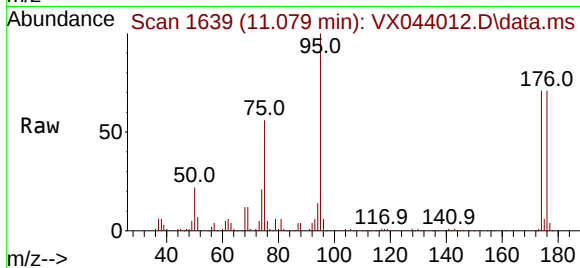
FSND-GEP-3-20241114DL

Tgt Ion: 75 Resp: 46806

Ion Ratio Lower Upper

75 100

77 1.3 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.480 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044012.D

Acq: 26 Nov 2024 13:18

Tgt Ion: 75 Resp: 46806

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

