

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102722\
 Data File : VX032443.D
 Acq On : 27 Oct 2022 20:56
 Operator : JC/MD
 Sample : N5349-12DL 2X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-GEP-1-20221020DL

Quant Time: Oct 28 07:15:19 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)

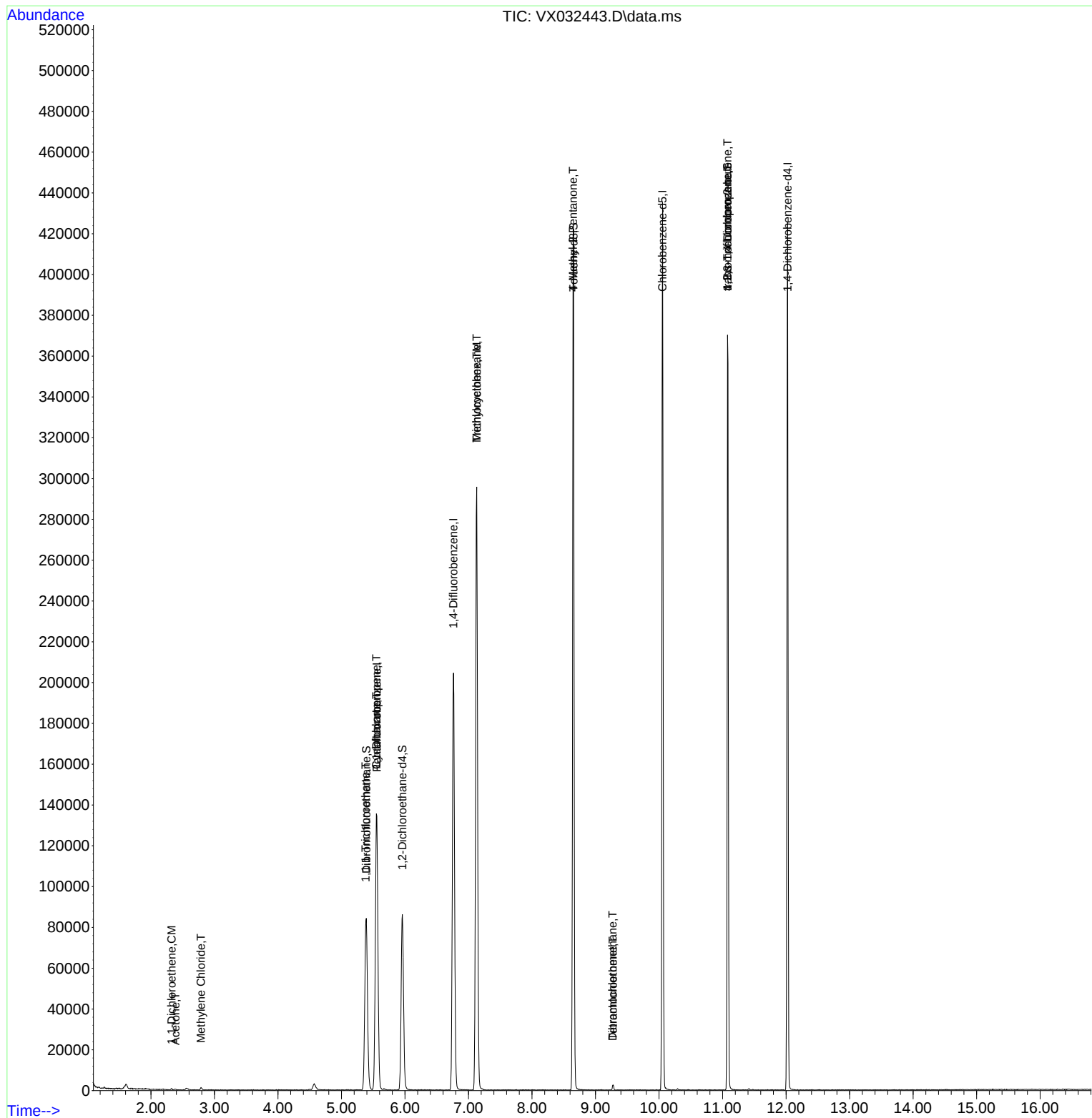
Internal Standards						
1) Pentafluorobenzene	5.556	168	126281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208896	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85242	48.581	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.160%		
35) Dibromofluoromethane	5.391	113	67590	45.360	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.720%		
50) Toluene-d8	8.653	98	248706	48.000	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.000%		
62) 4-Bromofluorobenzene	11.079	95	93675	46.283	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.560%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.325	96	277	0.219	ug/l #	58
16) Acetone	2.386	43	448	0.702	ug/l #	88
20) Methylene Chloride	2.788	84	544	0.372	ug/l #	81
31) Cyclohexane	5.550	56	2838	1.334	ug/l #	22
32) 1,1,1-Trichloroethane	5.379	97	6422	2.597	ug/l	95
36) 1,1-Dichloropropene	5.550	75	10532	5.076	ug/l #	48
39) Methylcyclohexane	7.129	83	1306	0.532	ug/l #	1
44) Trichloroethene	7.129	130	111368	67.374	ug/l	100
51) 4-Methyl-2-Pentanone	8.647	43	1294	0.619	ug/l #	1
60) Dibromochloromethane	9.269	129	517	0.293	ug/l #	11
64) Tetrachloroethene	9.275	164	519	0.381	ug/l #	79
76) 1,2,3-Trichloropropane	11.079	75	50157	26.265	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	50157	83.574	ug/l #	6

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

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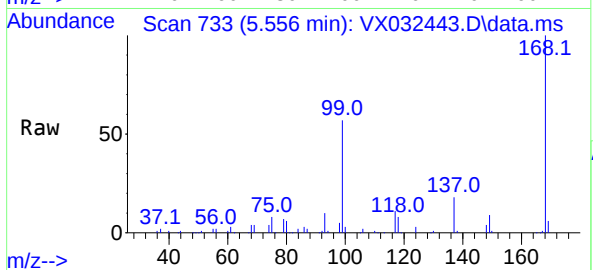
Quant Time: Oct 28 07:15:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
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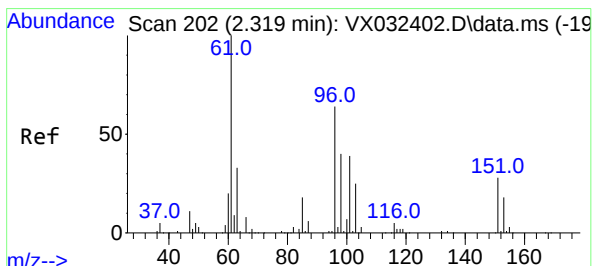
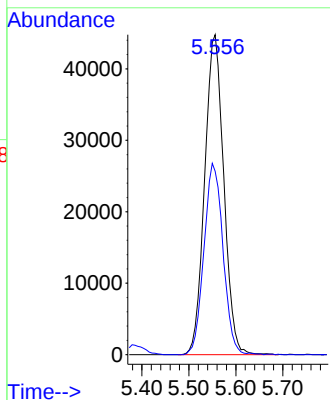
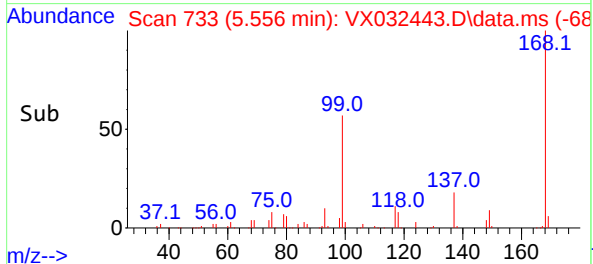


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

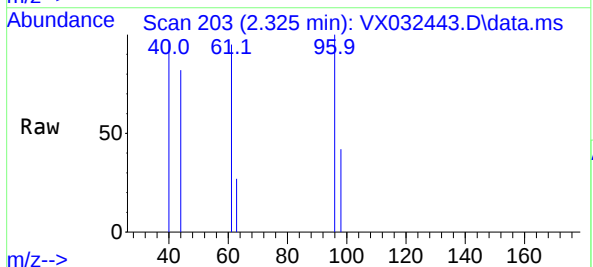
Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-1-20221020DL



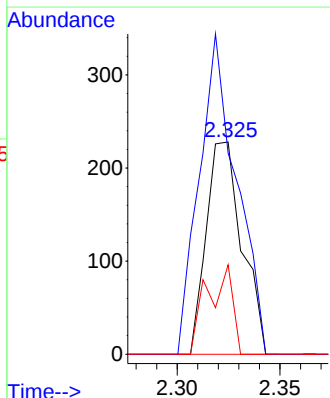
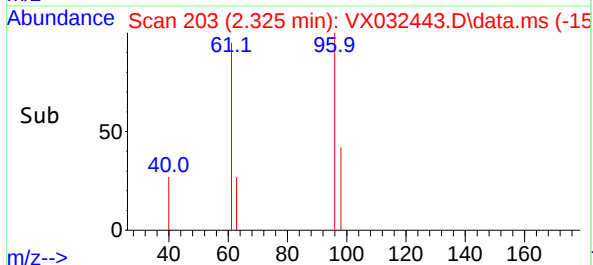
Tgt Ion:168 Resp: 126281
Ion Ratio Lower Upper
168 100
99 57.3 46.1 69.1

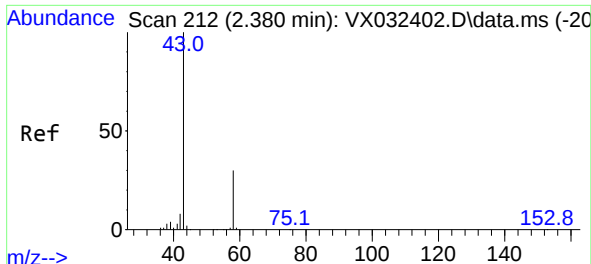


#12
1,1-Dichloroethene
Concen: 0.219 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56



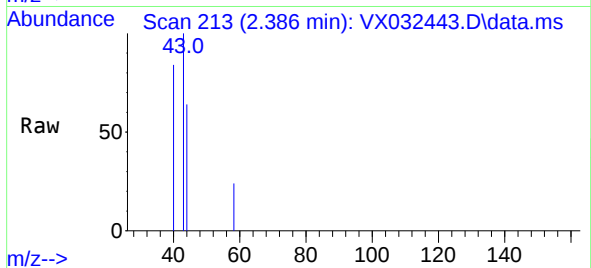
Tgt Ion: 96 Resp: 277
Ion Ratio Lower Upper
96 100
61 94.7 125.1 187.7#
98 42.1 50.6 76.0#



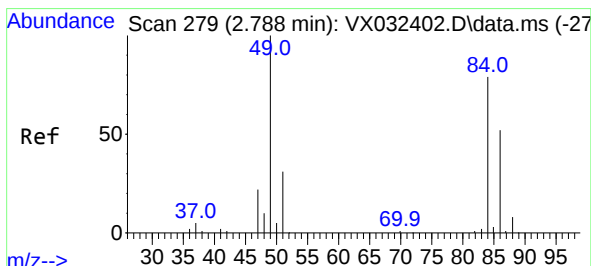
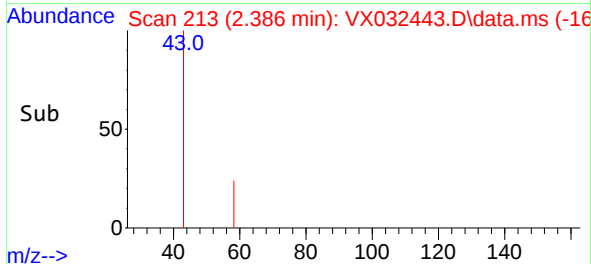
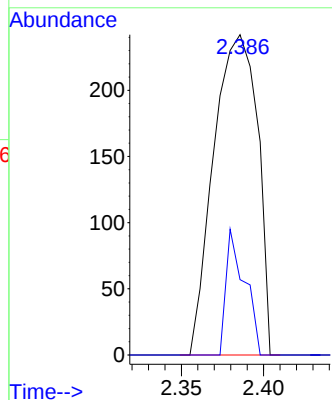


#16
Acetone
Concen: 0.702 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-1-20221020DL

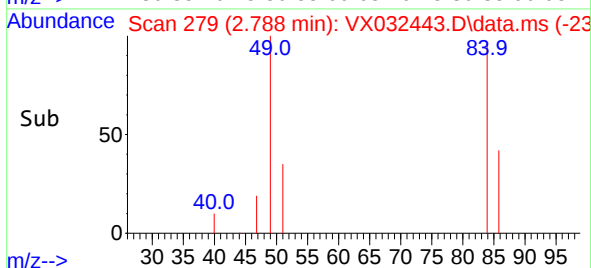
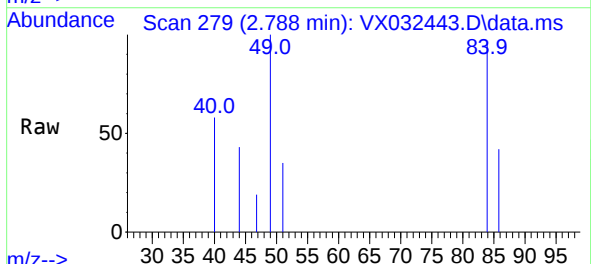
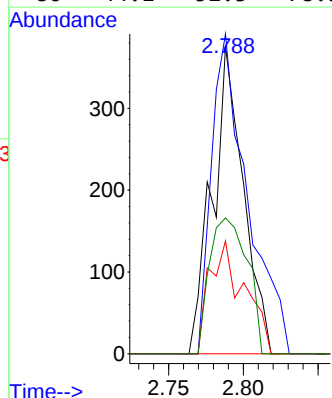


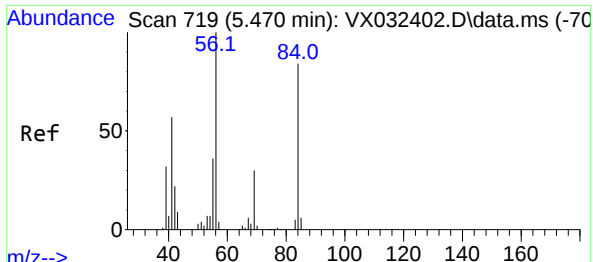
Tgt Ion: 43 Resp: 448
Ion Ratio Lower Upper
43 100
58 23.6 23.8 35.8#



#20
Methylene Chloride
Concen: 0.372 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

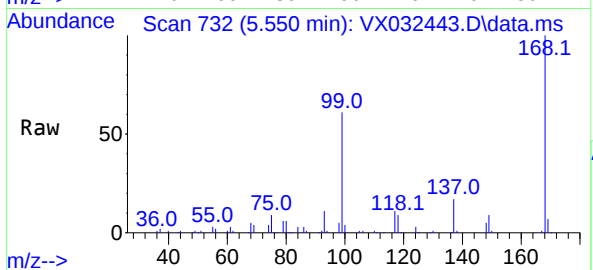
Tgt Ion: 84 Resp: 544
Ion Ratio Lower Upper
84 100
49 104.0 101.0 151.6
51 36.7 31.1 46.7
86 44.1 52.3 78.5#



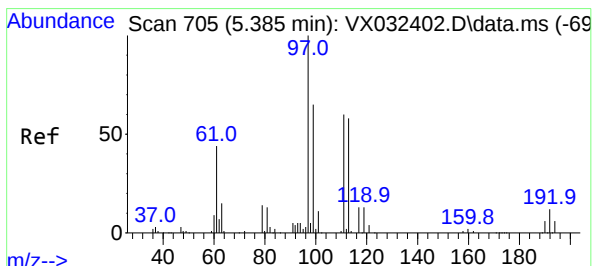
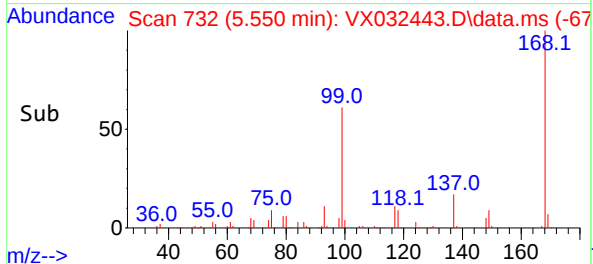
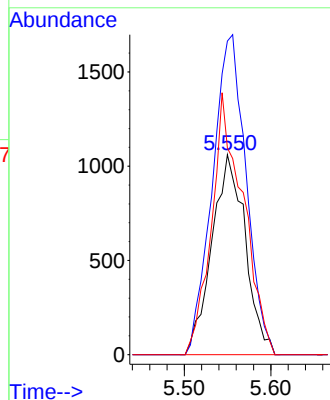


#31
Cyclohexane
Concen: 1.334 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-1-20221020DL

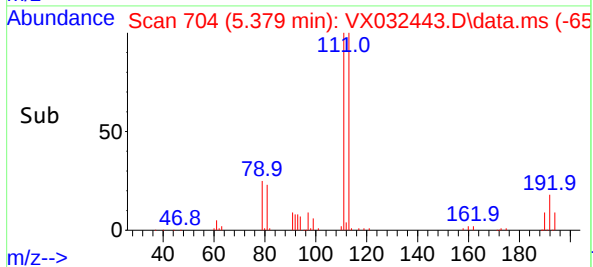
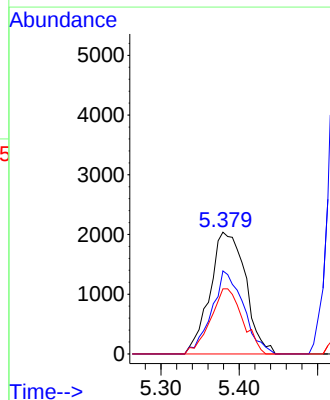
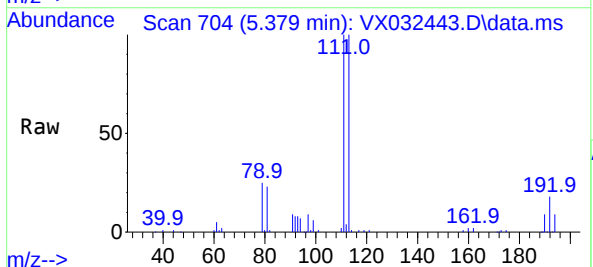


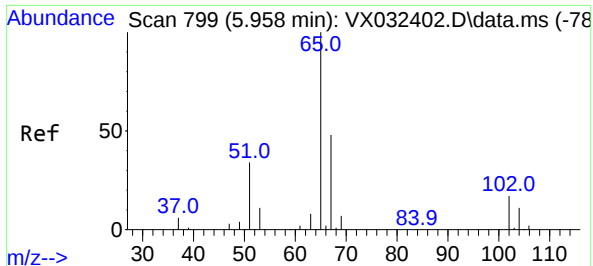
Tgt Ion: 56 Resp: 2838
Ion Ratio Lower Upper
56 100
69 156.8 24.1 36.1#
84 103.4 66.9 100.3#



#32
1,1,1-Trichloroethane
Concen: 2.597 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

Tgt Ion: 97 Resp: 6422
Ion Ratio Lower Upper
97 100
99 61.0 51.4 77.0
61 48.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.581 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032443.D

Acq: 27 Oct 2022 20:56

Instrument :

MSVOA_X

ClientSampleId :

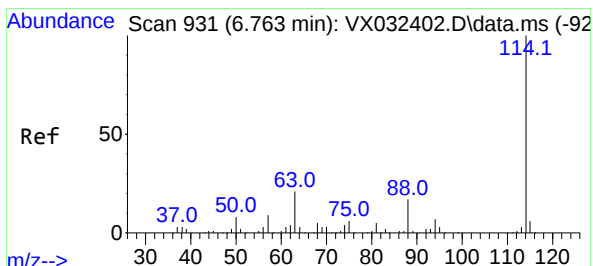
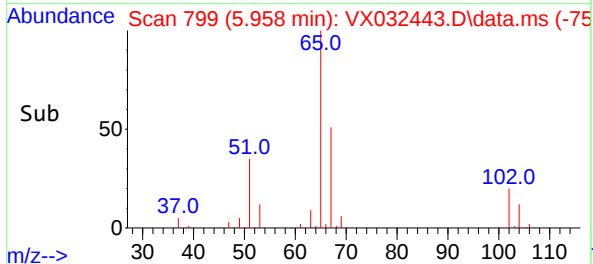
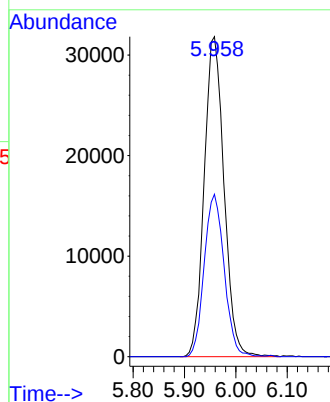
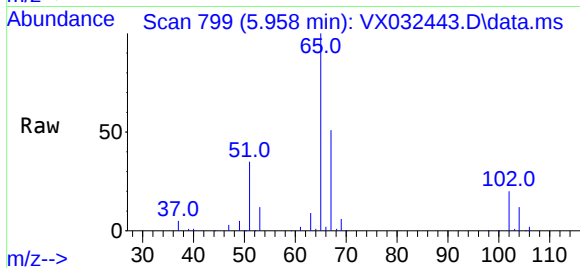
FSND-GEP-1-20221020DL

Tgt Ion: 65 Resp: 85242

Ion Ratio Lower Upper

65 100

67 51.1 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: VX032443.D

Acq: 27 Oct 2022 20:56

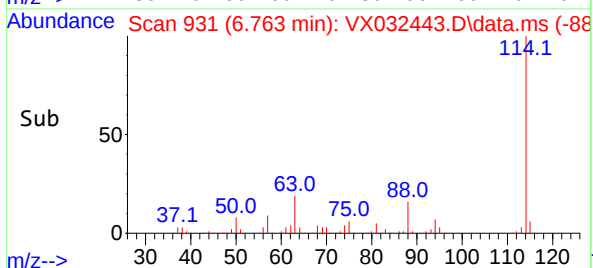
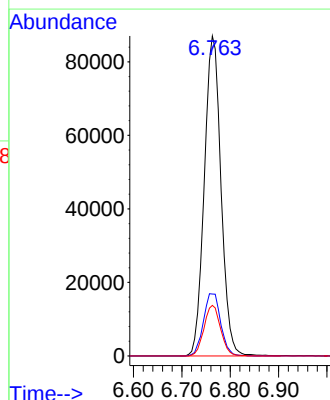
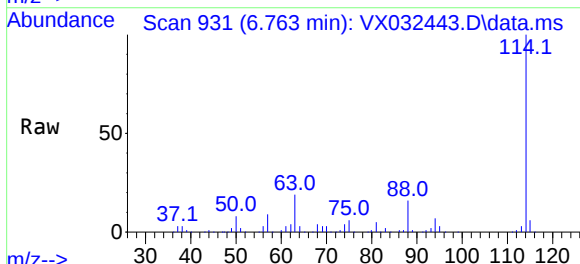
Tgt Ion: 114 Resp: 208896

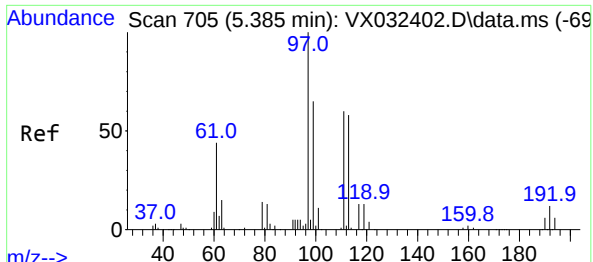
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.6

88 15.8 0.0 33.4

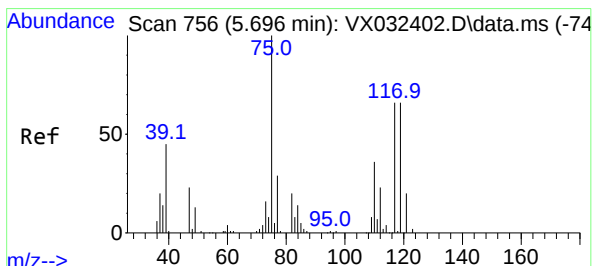
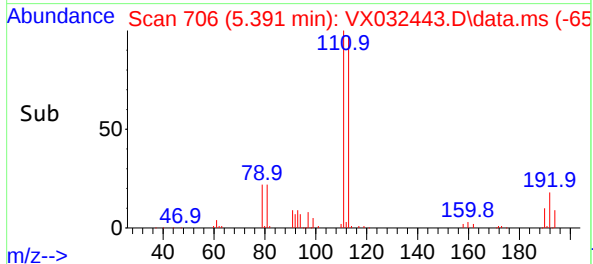
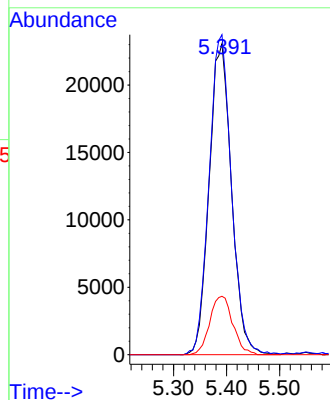
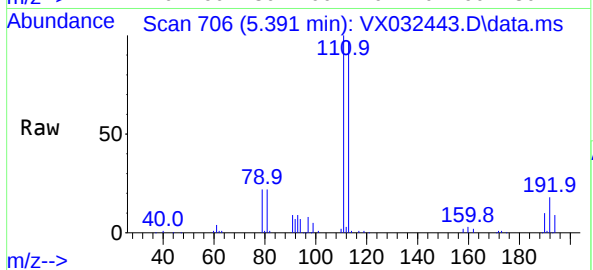




#35
Dibromofluoromethane
Concen: 45.360 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

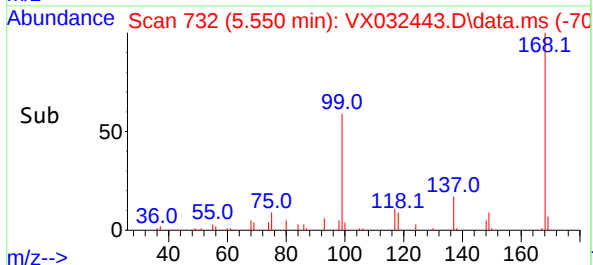
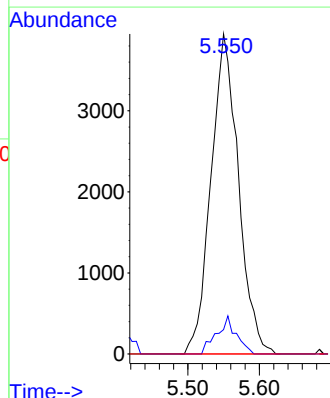
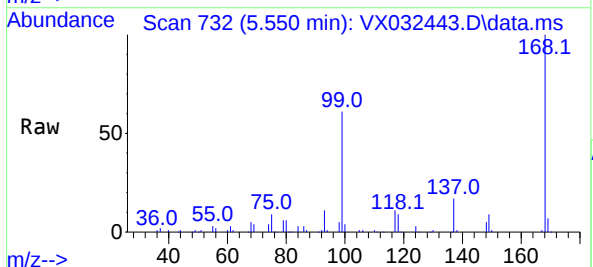
Instrument :
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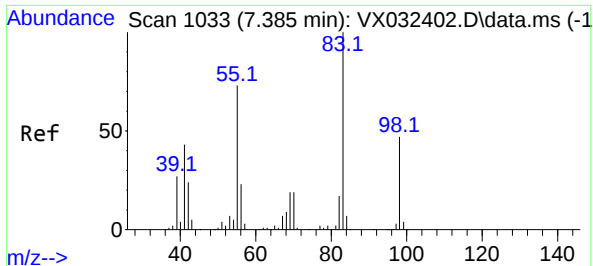
Tgt Ion:113 Resp: 67590
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 19.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.076 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

Tgt Ion: 75 Resp: 10532
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 0.532 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX032443.D

Acq: 27 Oct 2022 20:56

Instrument :

MSVOA_X

ClientSampleId :

FSND-GEP-1-20221020DL

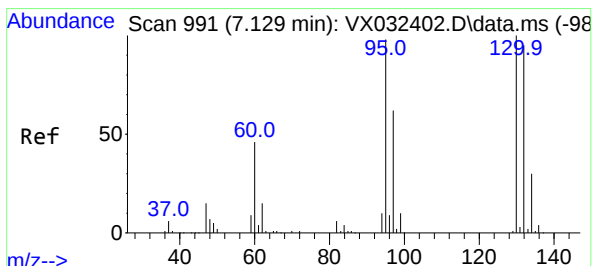
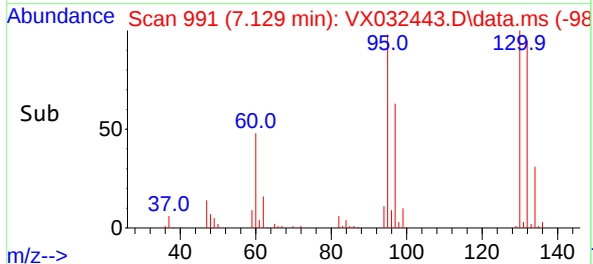
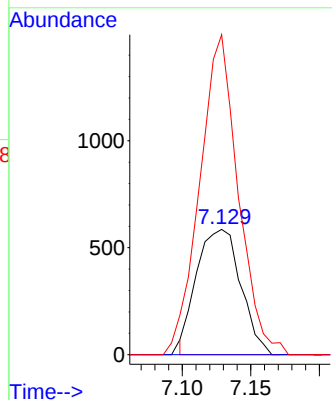
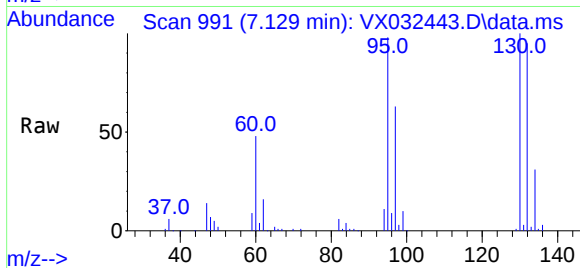
Tgt Ion: 83 Resp: 1306

Ion Ratio Lower Upper

83 100

55 0.0 58.4 87.6#

98 245.7 37.2 55.8#



#44

Trichloroethene

Concen: 67.374 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX032443.D

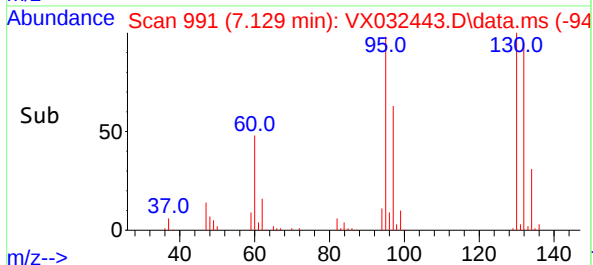
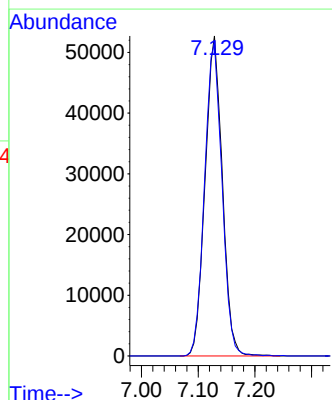
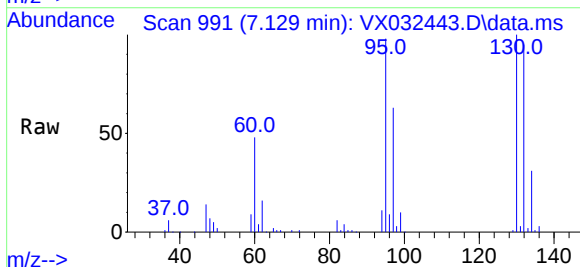
Acq: 27 Oct 2022 20:56

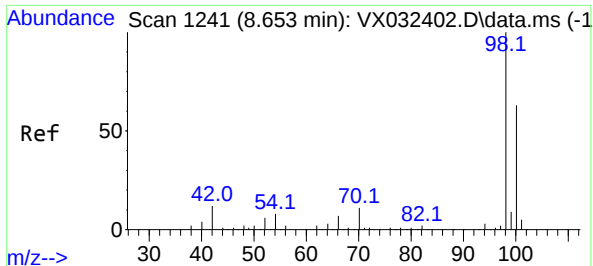
Tgt Ion:130 Resp: 111368

Ion Ratio Lower Upper

130 100

95 97.8 0.0 195.2

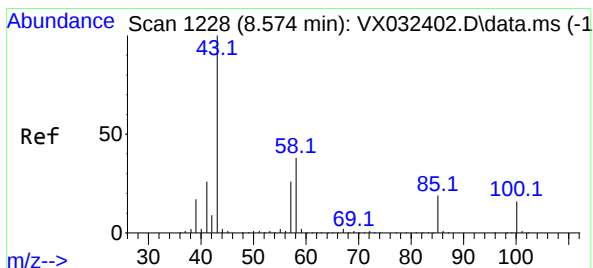
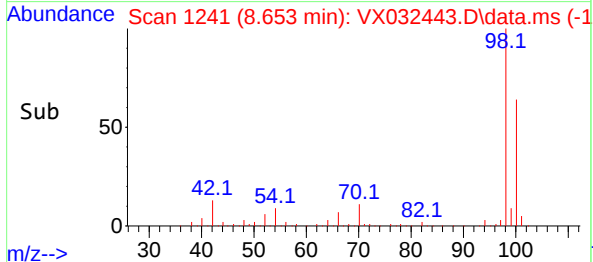
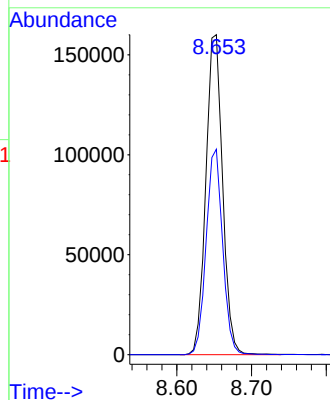
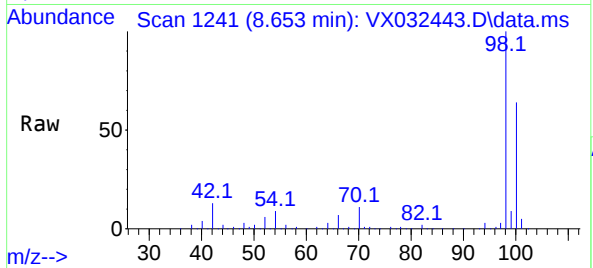




#50
Toluene-d8
Concen: 48.000 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

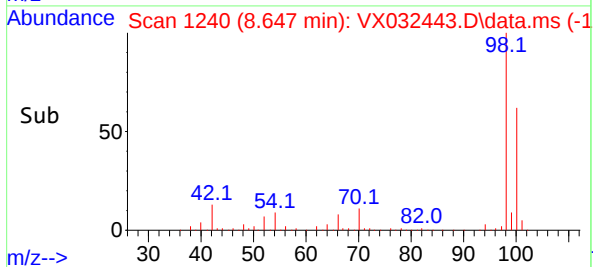
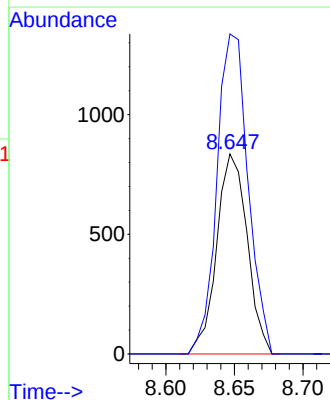
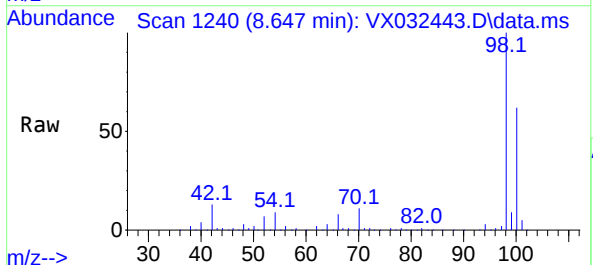
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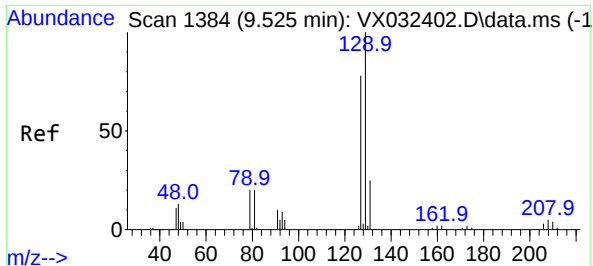
Tgt Ion: 98 Resp: 248706
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.619 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

Tgt Ion: 43 Resp: 1294
Ion Ratio Lower Upper
43 100
58 163.4 30.9 46.3#

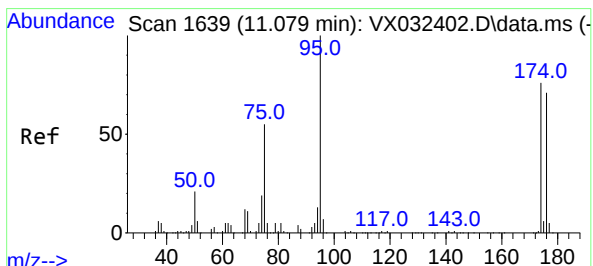
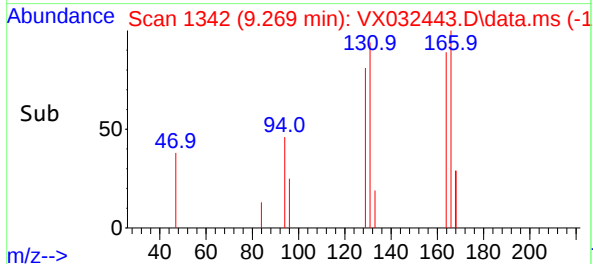
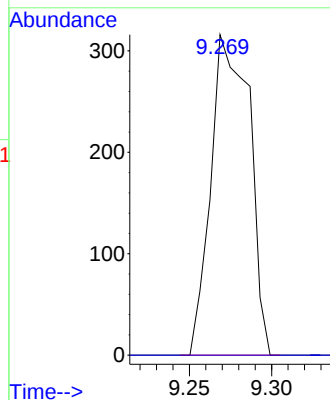
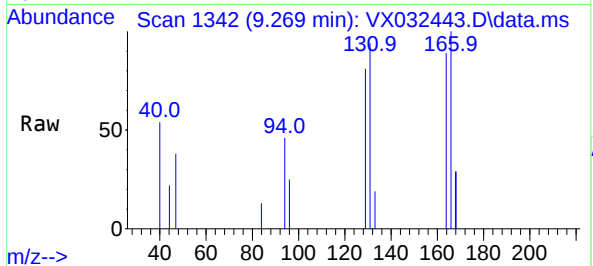




#60
Dibromochloromethane
Concen: 0.293 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.256 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

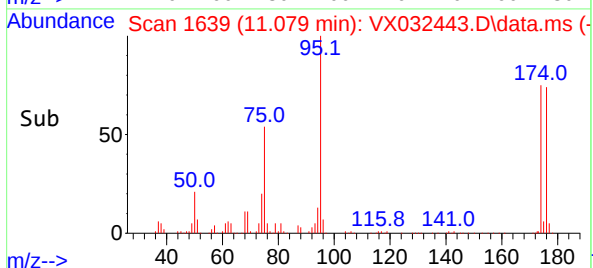
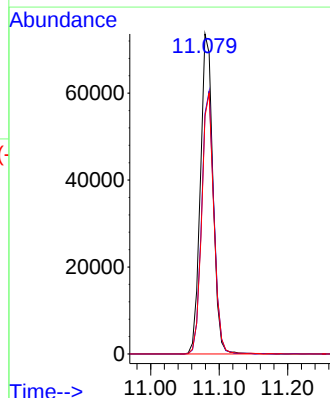
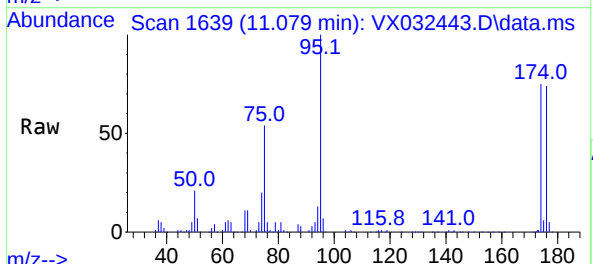
Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-1-20221020DL

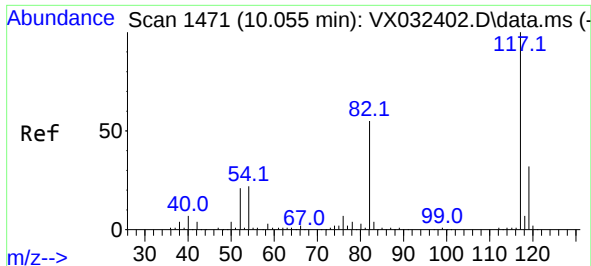
Tgt Ion:129 Resp: 517
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 46.283 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

Tgt Ion: 95 Resp: 93675
Ion Ratio Lower Upper
95 100
174 80.6 0.0 164.0
176 79.3 0.0 154.4

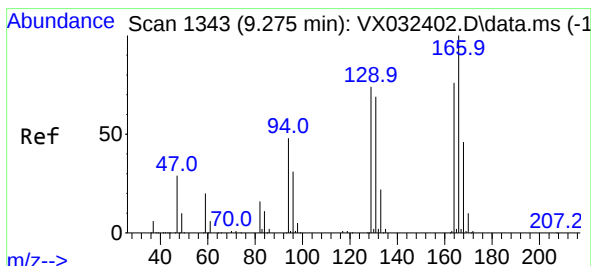
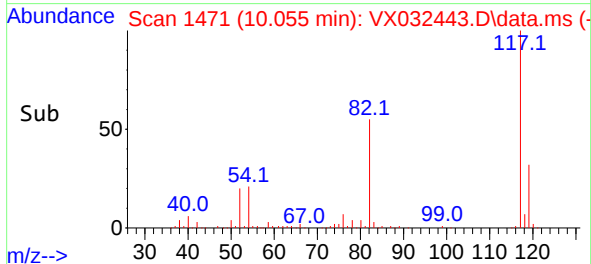
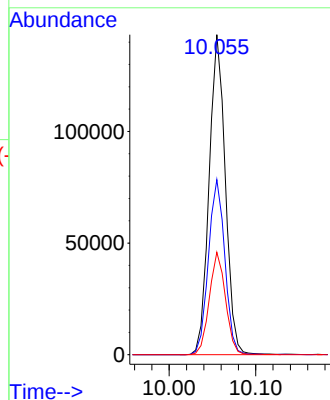
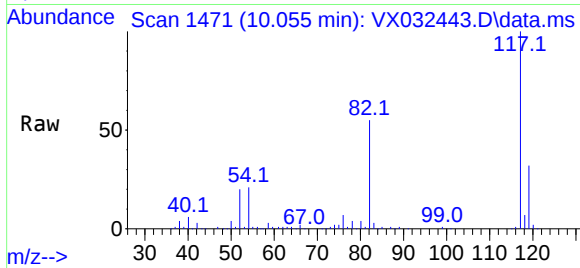




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

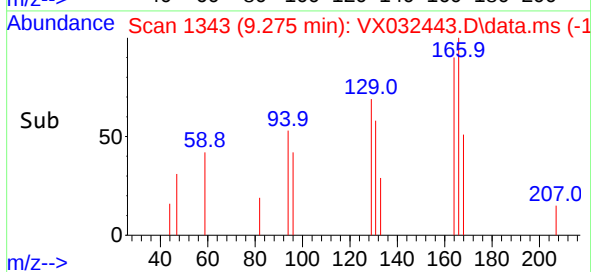
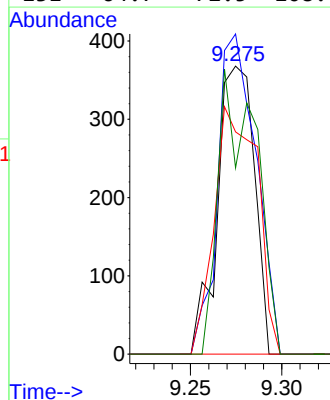
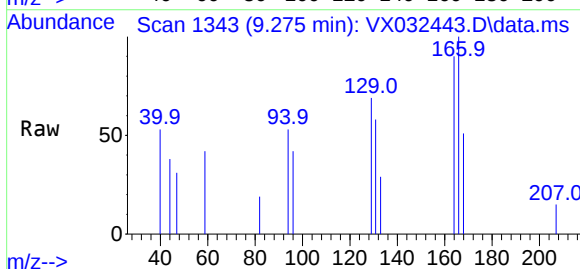
Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-1-20221020DL

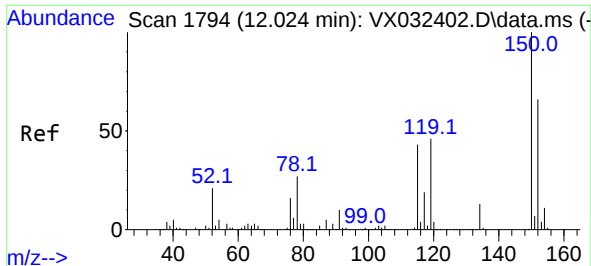
Tgt Ion:117 Resp: 186333
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 0.381 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

Tgt Ion:164 Resp: 519
Ion Ratio Lower Upper
164 100
166 111.1 105.4 158.2
129 77.2 78.2 117.2#
131 64.7 72.5 108.7#

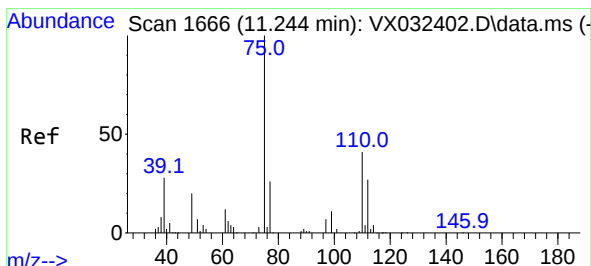
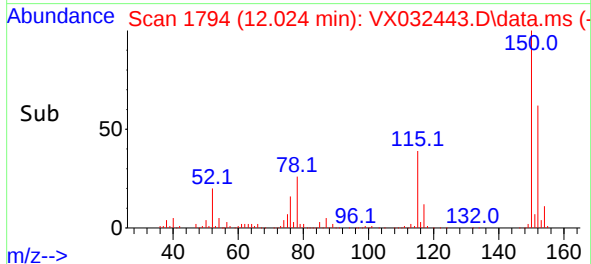
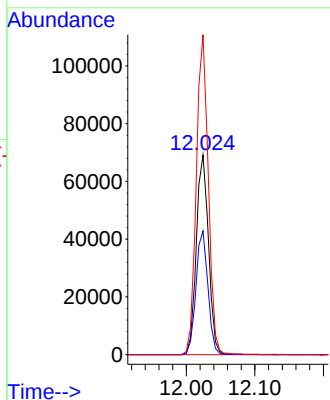
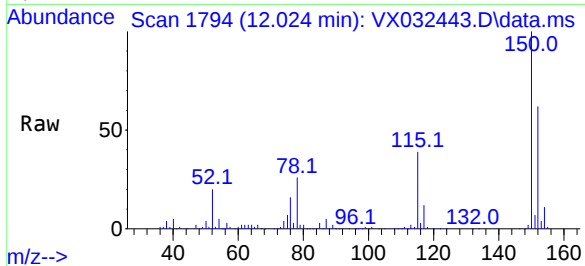




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

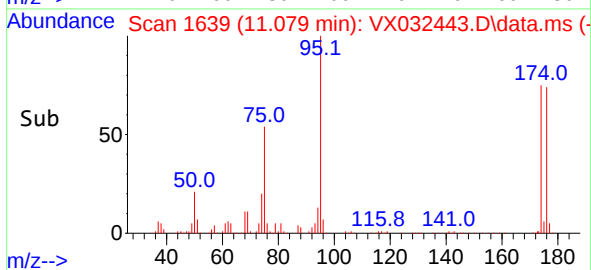
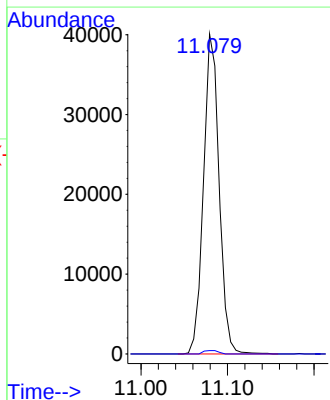
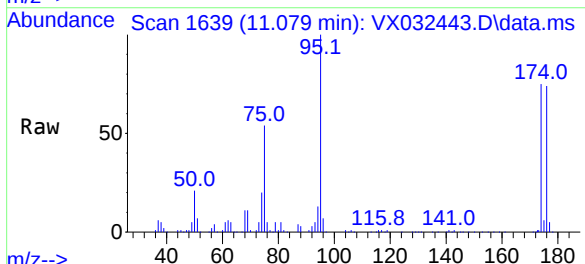
Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-1-20221020DL

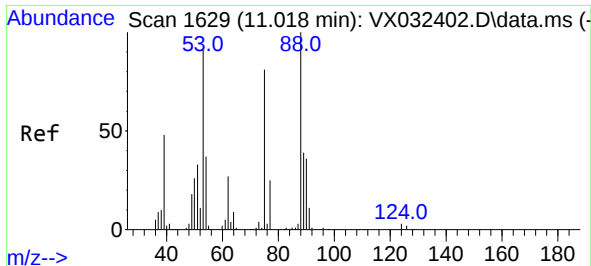
Tgt Ion:152 Resp: 85838
Ion Ratio Lower Upper
152 100
115 61.1 44.0 132.0
150 157.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 26.265 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

Tgt Ion: 75 Resp: 50157
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.574 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-1-20221020DL

Tgt Ion: 75 Resp: 50157
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

