

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043970.D
 Acq On : 22 Nov 2024 19:10
 Operator : JC/MD
 Sample : P4846-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-FD-3-20241113

Quant Time: Nov 22 22:29:08 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)

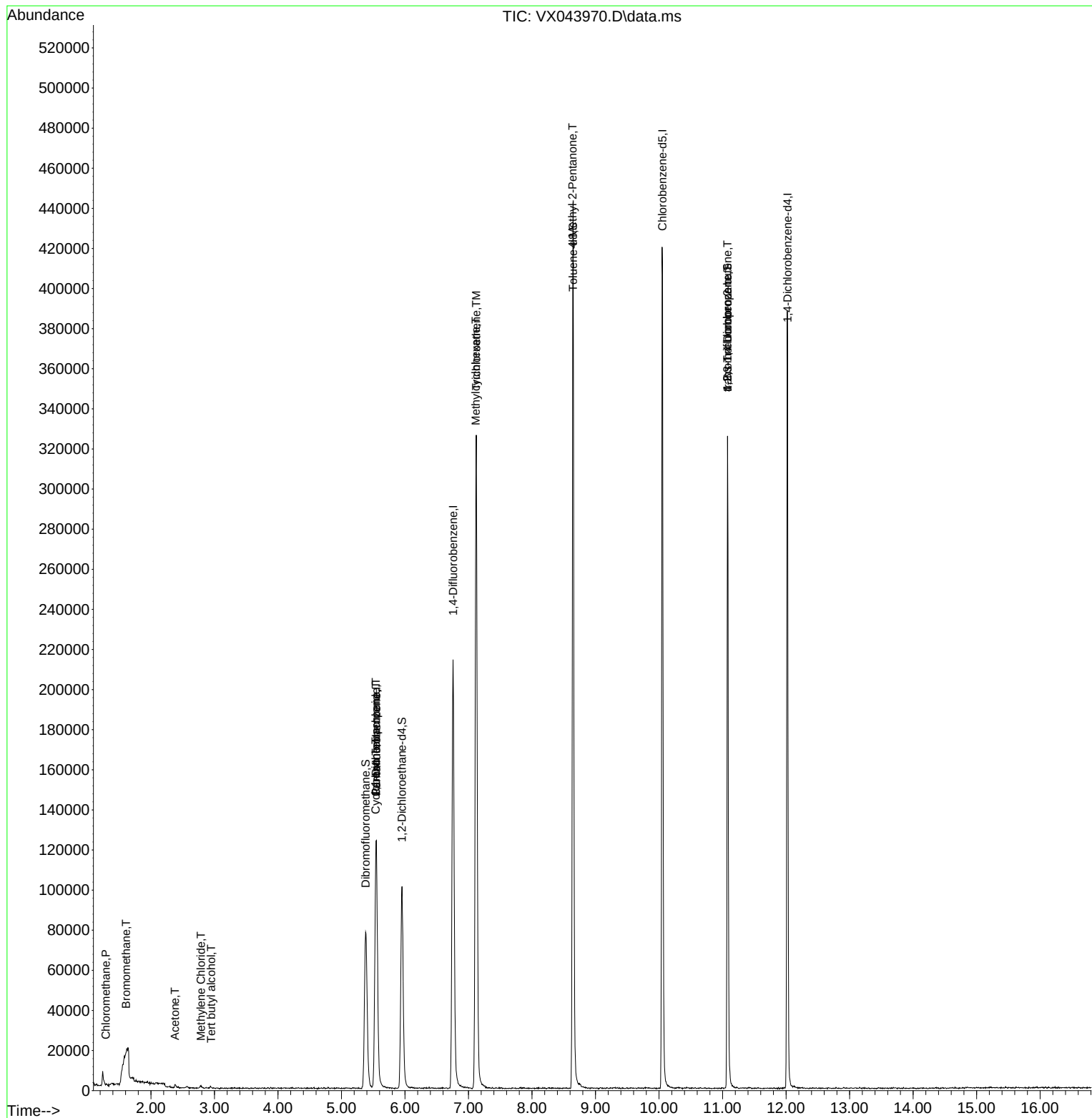
Internal Standards						
1) Pentafluorobenzene	5.550	168	107821	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	209572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96608	52.240	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.480%	
35) Dibromofluoromethane	5.379	113	70047	46.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.560%	
50) Toluene-d8	8.647	98	259557	50.282	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	11.079	95	84958	48.360	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	343	0.239	ug/l #	42
5) Bromomethane	1.605	94	424	0.451	ug/l #	8
11) Tert butyl alcohol	2.947	59	263	0.886	ug/l #	73
16) Acetone	2.380	43	1439	1.694	ug/l #	77
20) Methylene Chloride	2.788	84	648	0.450	ug/l #	79
31) Cyclohexane	5.538	56	3247	1.575	ug/l #	17
36) 1,1-Dichloropropene	5.544	75	10619	5.691	ug/l #	50
38) Carbon Tetrachloride	5.544	117	12829	6.118	ug/l #	16
39) Methylcyclohexane	7.117	83	1734	0.715	ug/l #	1
44) Trichloroethene	7.123	130	115707	70.318	ug/l	92
51) 4-Methyl-2-Pentanone	8.641	43	1327	0.590	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49314	29.998	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	49314	81.859	ug/l #	6

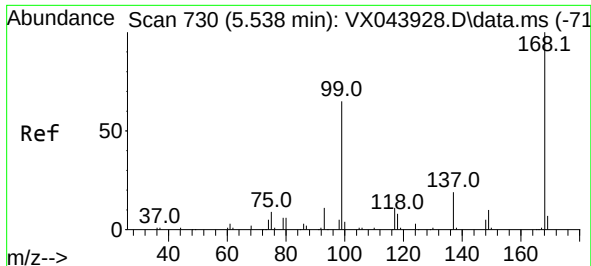
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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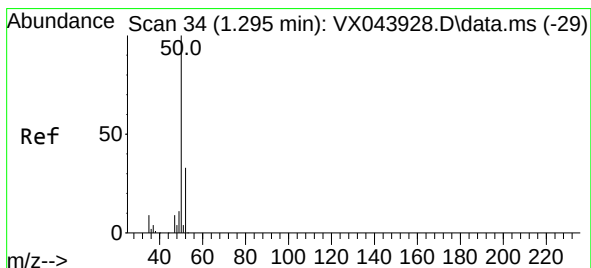
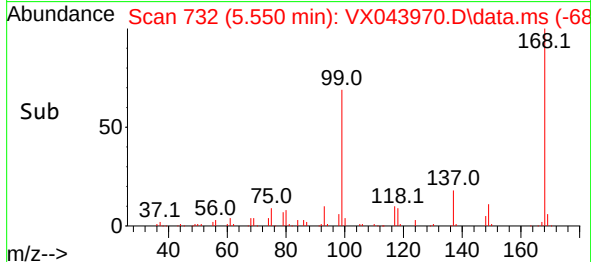
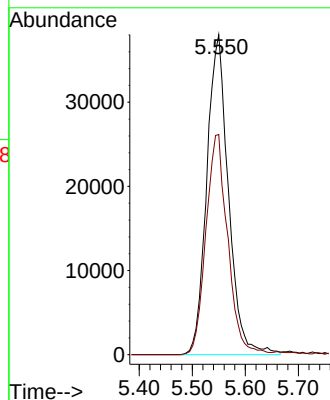
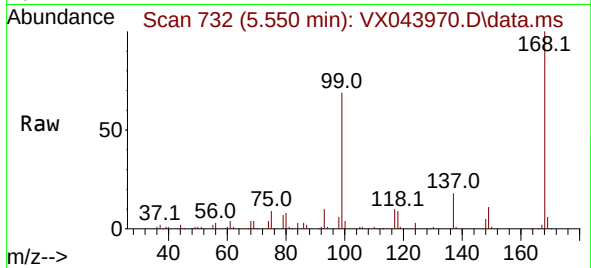




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX043970.D
Acq: 22 Nov 2024 19:10

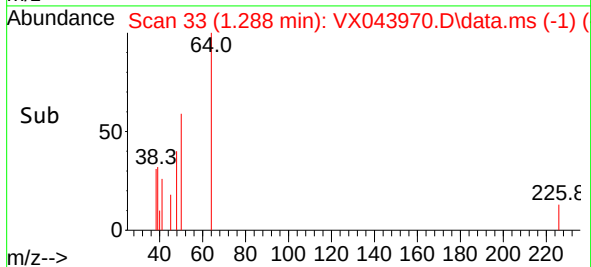
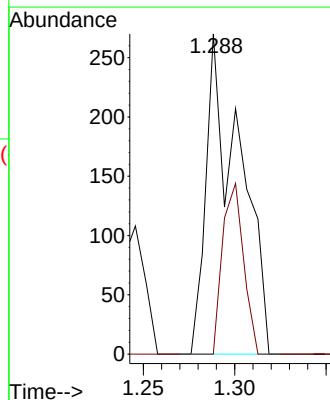
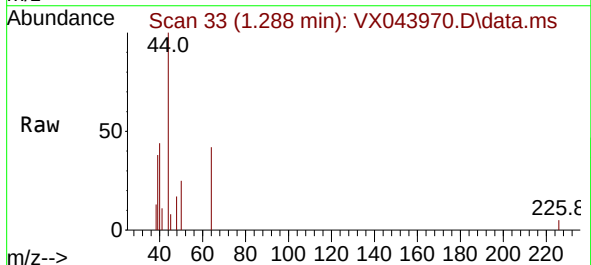
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-3-20241113

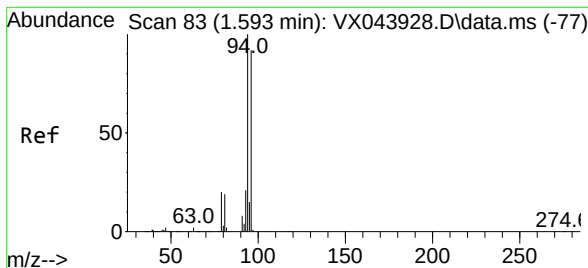
Tgt Ion:168 Resp: 107821
Ion Ratio Lower Upper
168 100
99 68.8 51.8 77.8



#3
Chloromethane
Concen: 0.239 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX043970.D
Acq: 22 Nov 2024 19:10

Tgt Ion: 50 Resp: 343
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#





#5

Bromomethane

Concen: 0.451 ug/l

RT: 1.605 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX043970.D

Acq: 22 Nov 2024 19:10

Instrument :

MSVOA_X

ClientSampleId :

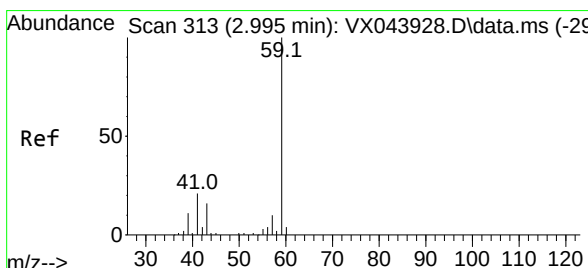
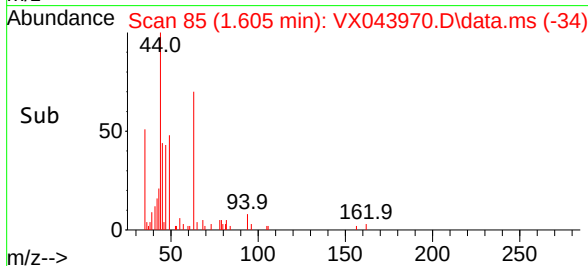
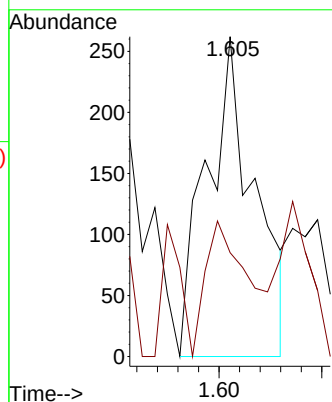
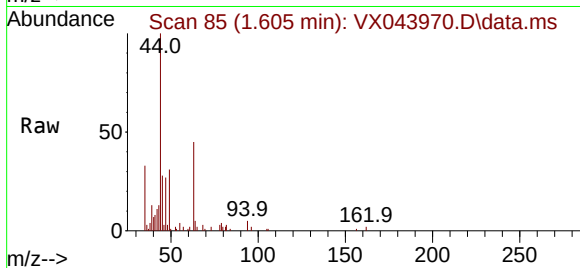
FSND-FD-3-20241113

Tgt Ion: 94 Resp: 424

Ion Ratio Lower Upper

94 100

96 4.6 73.9 110.9#



#11

Tert butyl alcohol

Concen: 0.886 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX043970.D

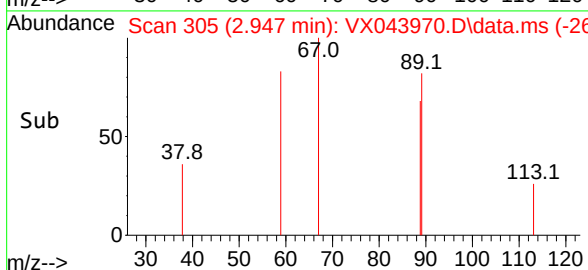
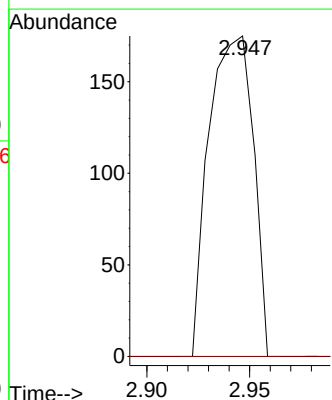
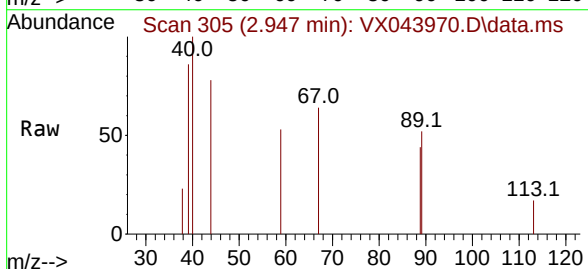
Acq: 22 Nov 2024 19:10

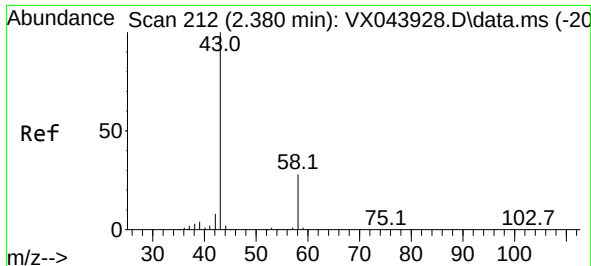
Tgt Ion: 59 Resp: 263

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#





#16

Acetone

Concen: 1.694 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX043970.D

Acq: 22 Nov 2024 19:10

Instrument :

MSVOA_X

ClientSampleId :

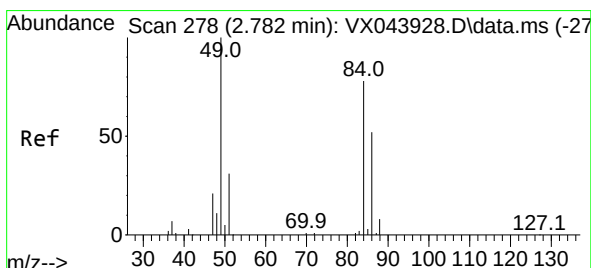
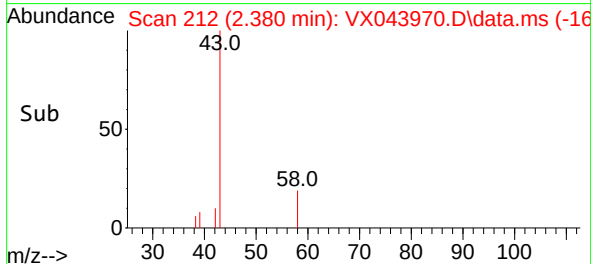
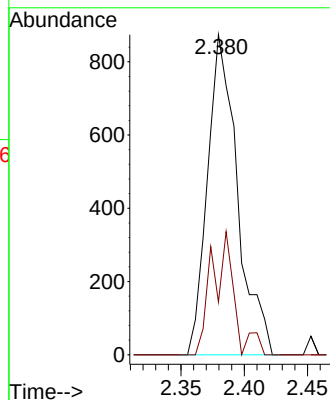
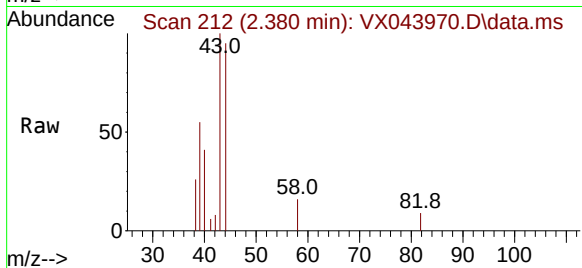
FSND-FD-3-20241113

Tgt Ion: 43 Resp: 1439

Ion Ratio Lower Upper

43 100

58 16.5 22.7 34.1#



#20

Methylene Chloride

Concen: 0.450 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX043970.D

Acq: 22 Nov 2024 19:10

Tgt Ion: 84 Resp: 648

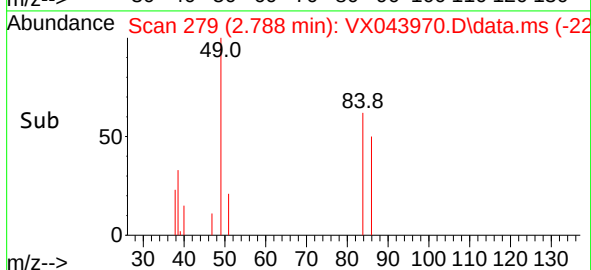
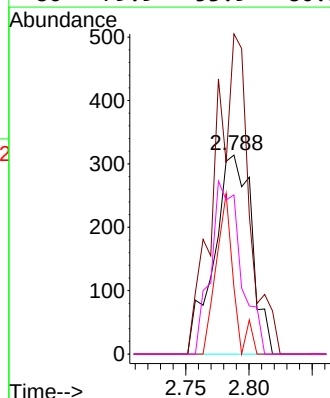
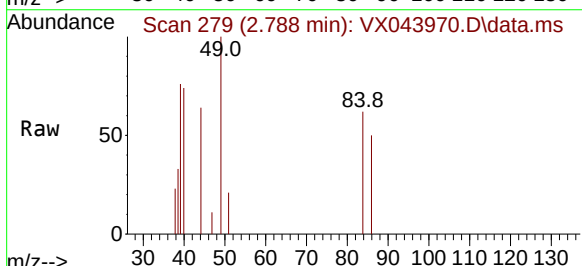
Ion Ratio Lower Upper

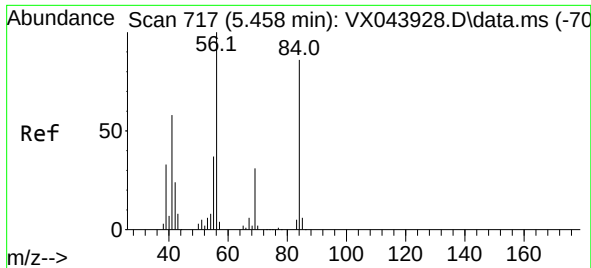
84 100

49 160.8 102.7 154.1#

51 33.4 31.7 47.5

86 79.9 53.9 80.9

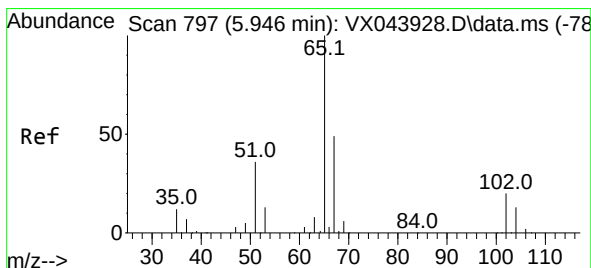
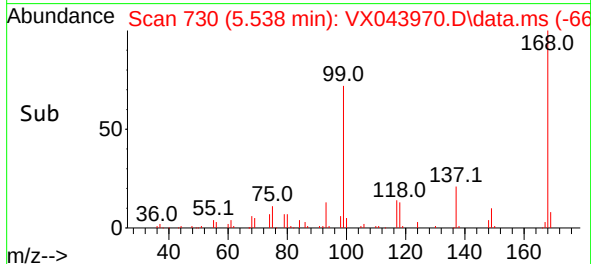
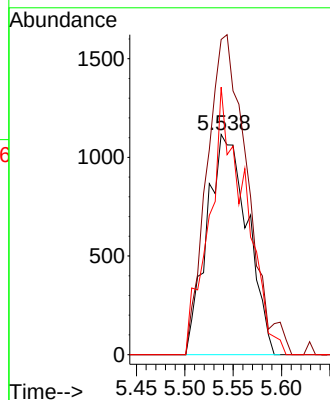
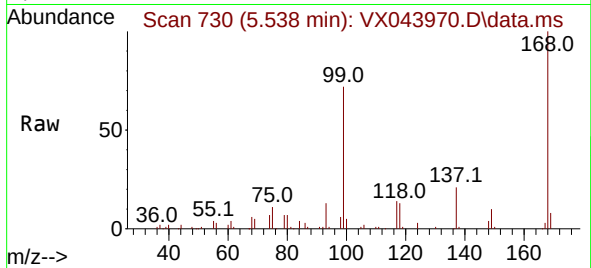




#31
Cyclohexane
Concen: 1.575 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX043970.D
Acq: 22 Nov 2024 19:10

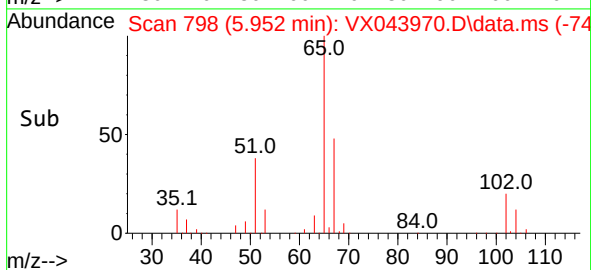
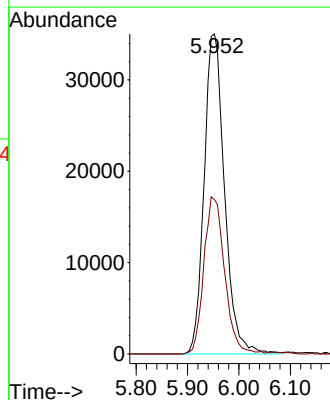
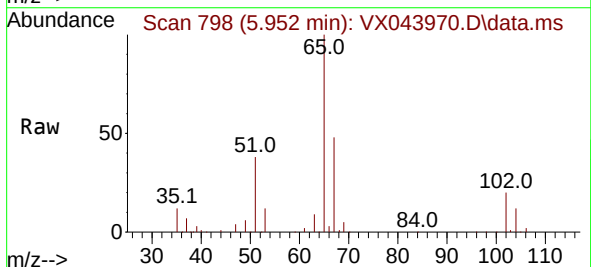
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-3-20241113

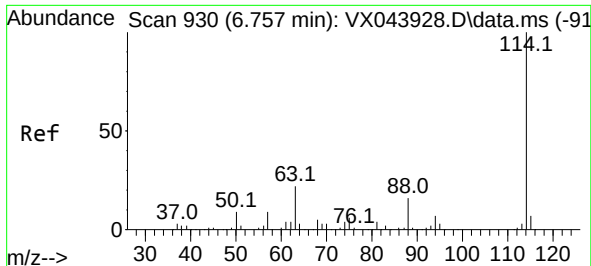
Tgt Ion: 56 Resp: 3247
Ion Ratio Lower Upper
56 100
69 143.2 24.7 37.1#
84 121.5 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 52.240 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043970.D
Acq: 22 Nov 2024 19:10

Tgt Ion: 65 Resp: 96608
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8

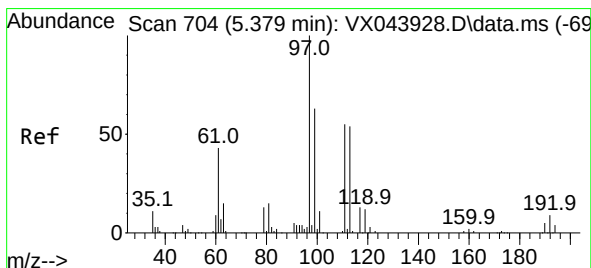
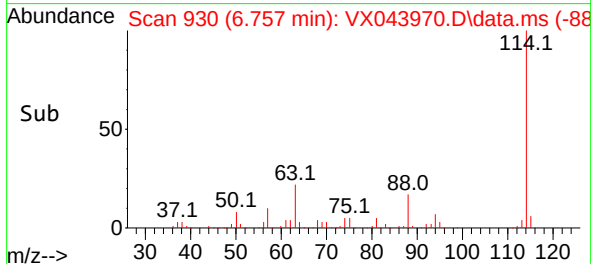
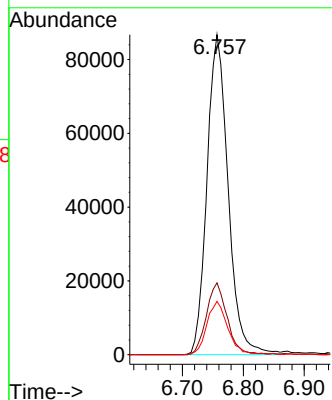
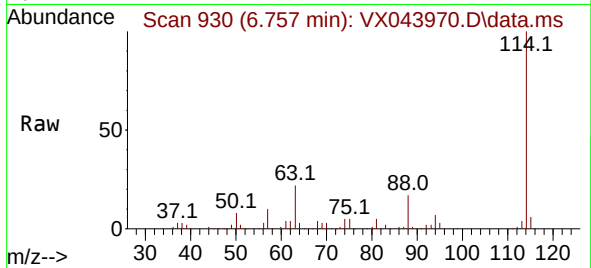




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX043970.D
Acq: 22 Nov 2024 19:10

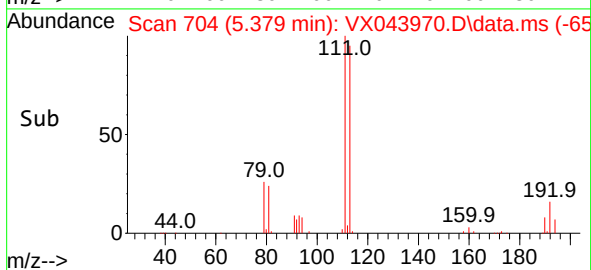
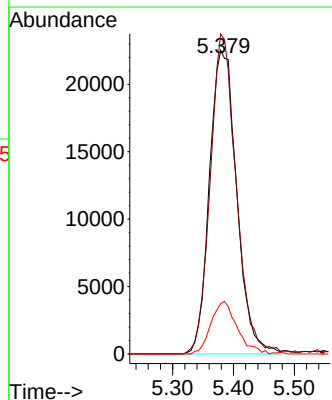
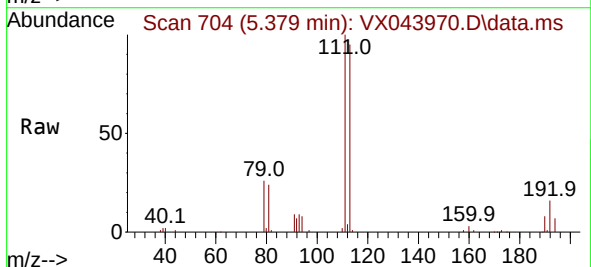
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-3-20241113

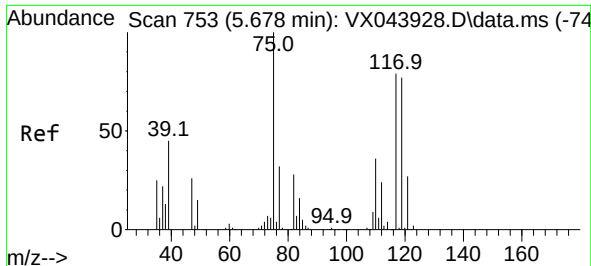
Tgt Ion:114 Resp: 209572
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.0
88 16.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.776 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043970.D
Acq: 22 Nov 2024 19:10

Tgt Ion:113 Resp: 70047
Ion Ratio Lower Upper
113 100
111 100.4 81.0 121.4
192 16.7 13.0 19.6

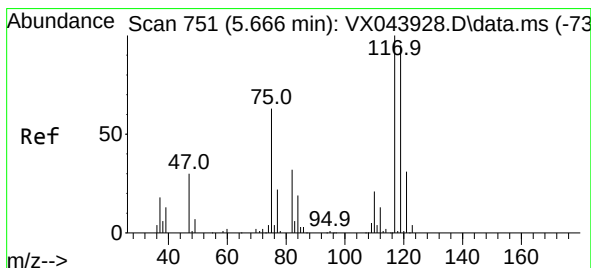
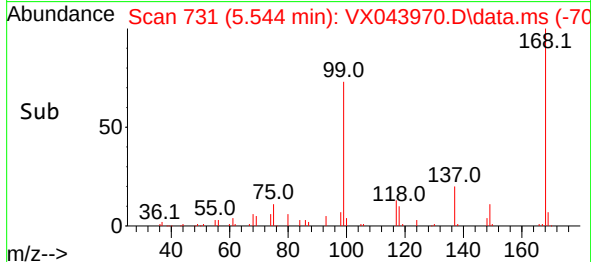
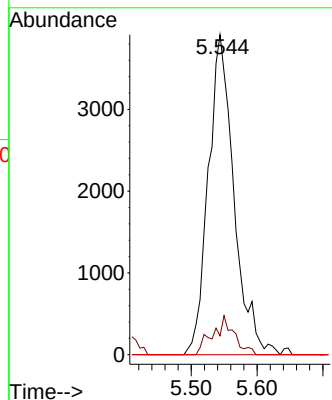
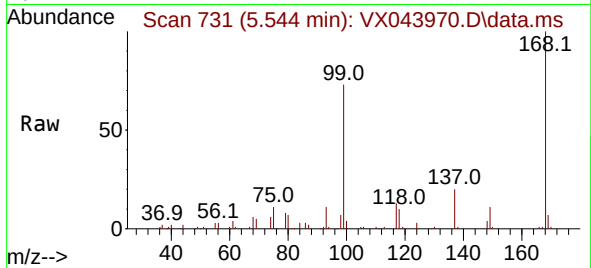




#36
1,1-Dichloropropene
Concen: 5.691 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX043970.D
Acq: 22 Nov 2024 19:10

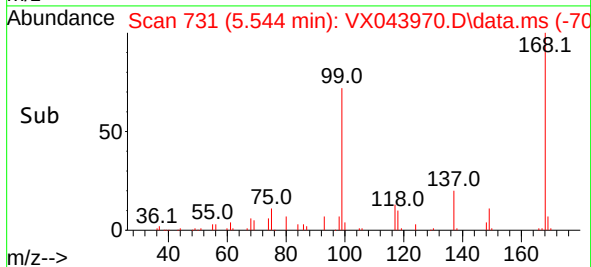
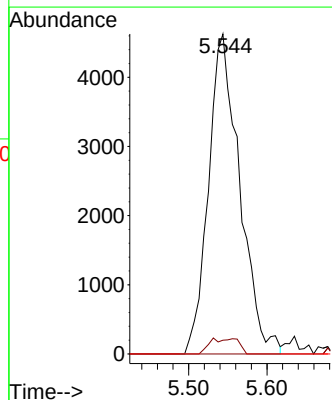
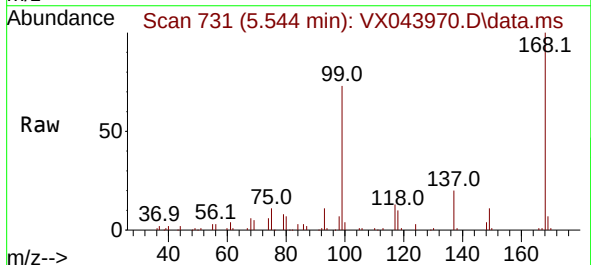
Instrument :
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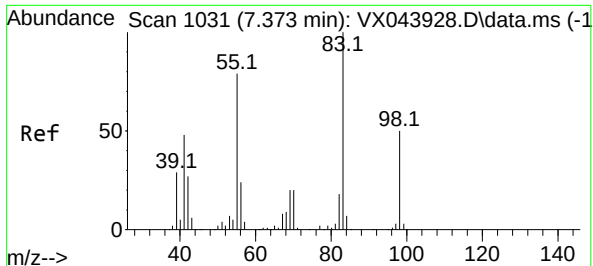
Tgt Ion: 75 Resp: 10619
Ion Ratio Lower Upper
75 100
110 10.2 17.4 52.2#
77 0.0 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 6.118 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX043970.D
Acq: 22 Nov 2024 19:10

Tgt Ion: 117 Resp: 12829
Ion Ratio Lower Upper
117 100
119 4.3 75.2 112.8#
121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 0.715 ug/l

RT: 7.117 min Scan# 91

Delta R.T. -0.256 min

Lab File: VX043970.D

Acq: 22 Nov 2024 19:10

Instrument :

MSVOA_X

ClientSampleId :

FSND-FD-3-20241113

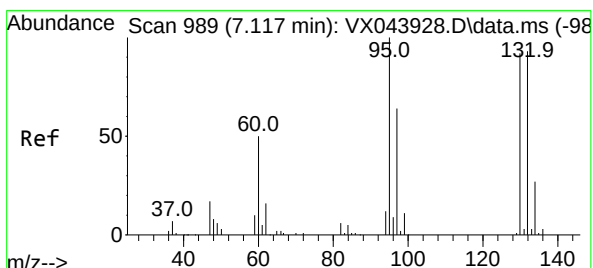
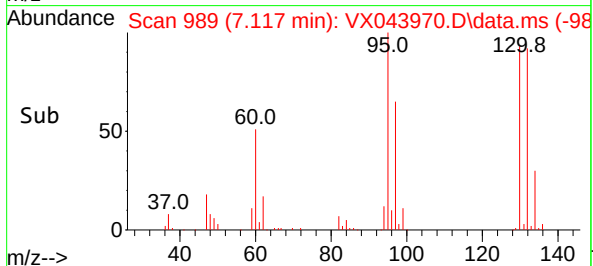
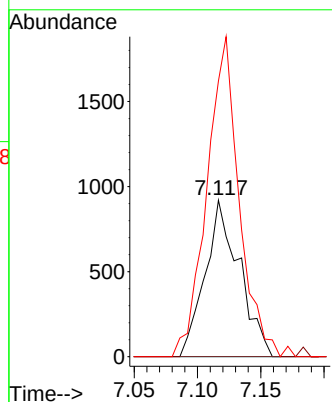
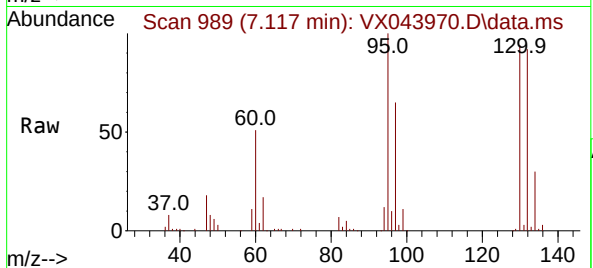
Tgt Ion: 83 Resp: 1734

Ion Ratio Lower Upper

83 100

55 0.0 63.1 94.7#

98 164.2 40.0 60.0#



#44

Trichloroethene

Concen: 70.318 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX043970.D

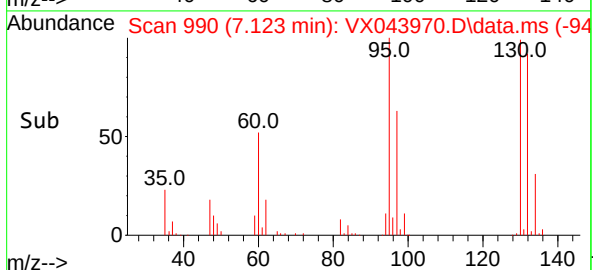
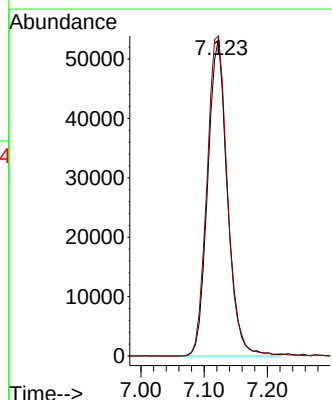
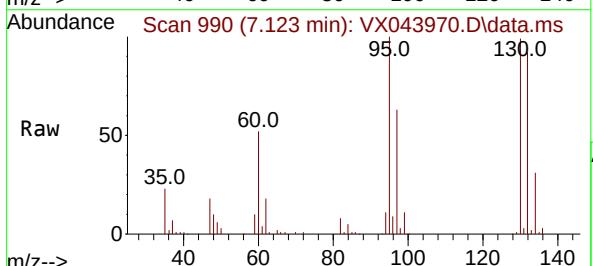
Acq: 22 Nov 2024 19:10

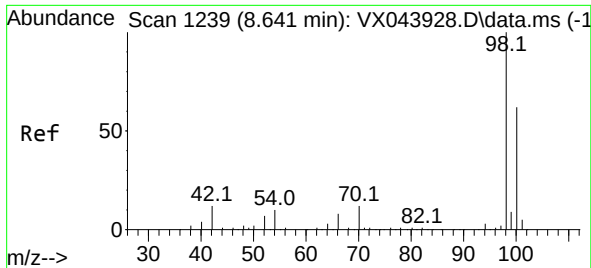
Tgt Ion:130 Resp: 115707

Ion Ratio Lower Upper

130 100

95 100.7 0.0 217.8

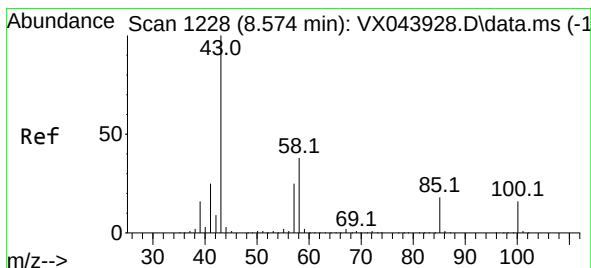
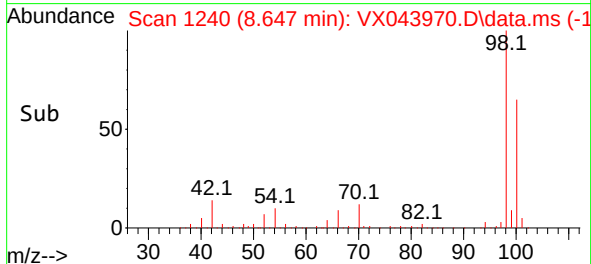
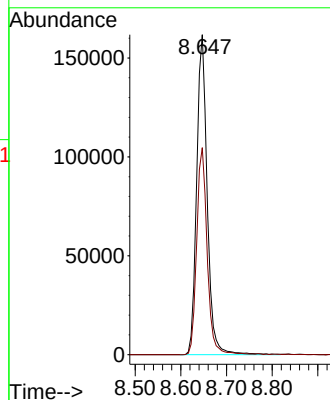
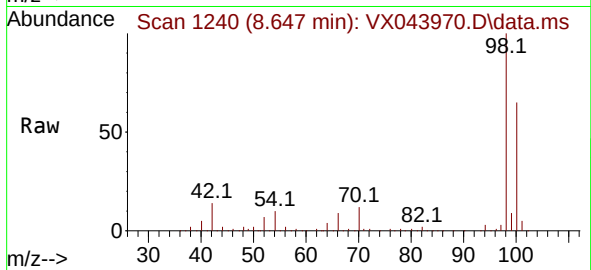




#50
Toluene-d8
Concen: 50.282 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043970.D
Acq: 22 Nov 2024 19:10

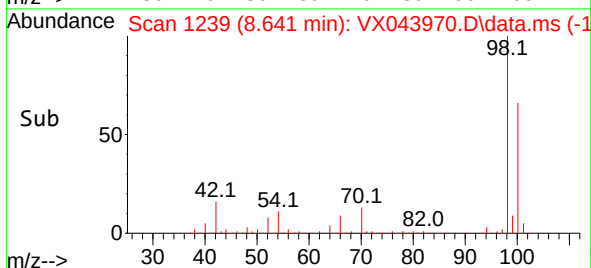
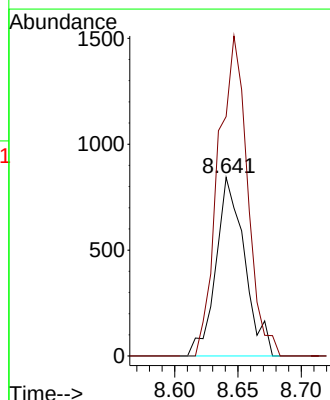
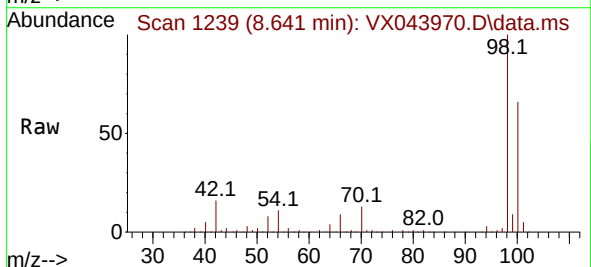
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-3-20241113

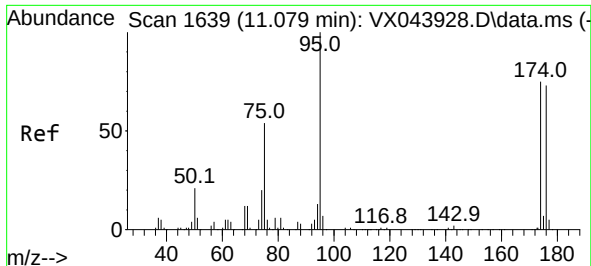
Tgt Ion: 98 Resp: 259557
Ion Ratio Lower Upper
98 100
100 64.2 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 0.590 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX043970.D
Acq: 22 Nov 2024 19:10

Tgt Ion: 43 Resp: 1327
Ion Ratio Lower Upper
43 100
58 183.1 30.0 45.0#

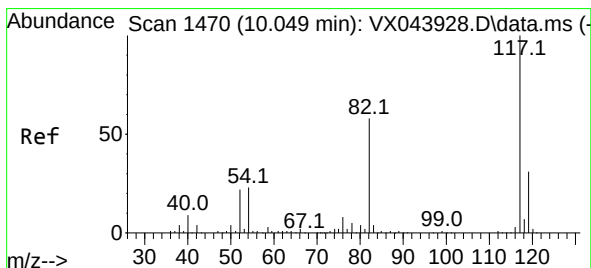
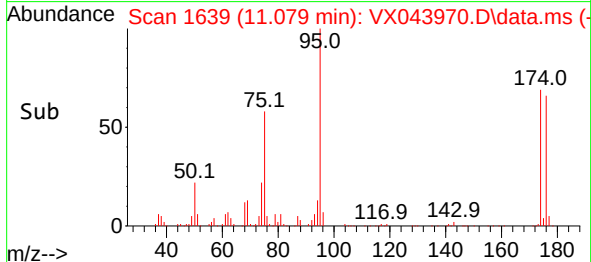
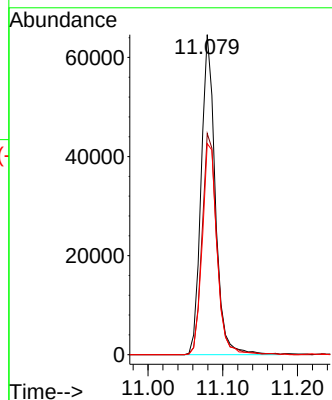
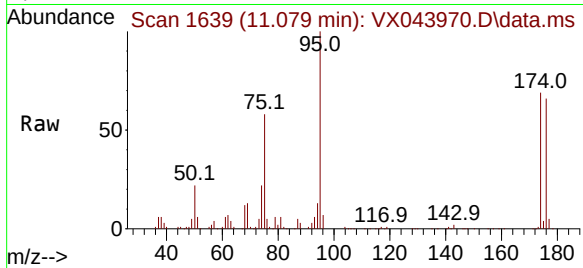




#62
4-Bromofluorobenzene
Concen: 48.360 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043970.D
Acq: 22 Nov 2024 19:10

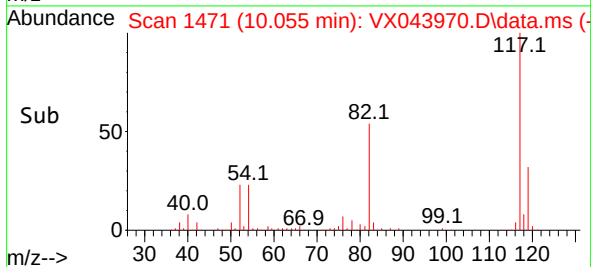
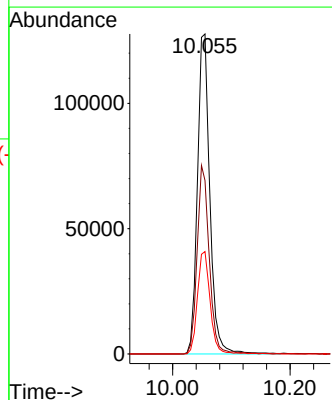
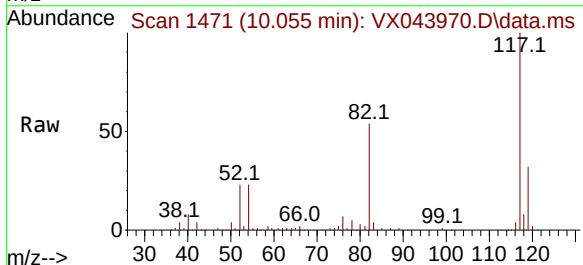
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-3-20241113

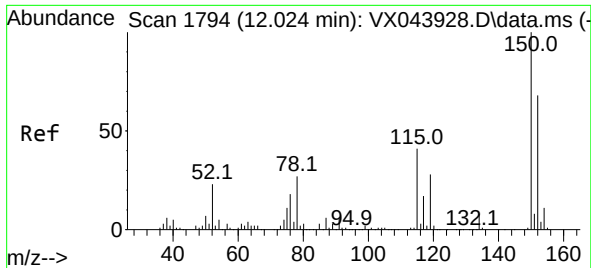
Tgt Ion: 95 Resp: 84958
Ion Ratio Lower Upper
95 100
174 72.1 0.0 150.4
176 69.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX043970.D
Acq: 22 Nov 2024 19:10

Tgt Ion: 117 Resp: 187307
Ion Ratio Lower Upper
117 100
82 54.2 46.4 69.6
119 32.0 24.6 37.0

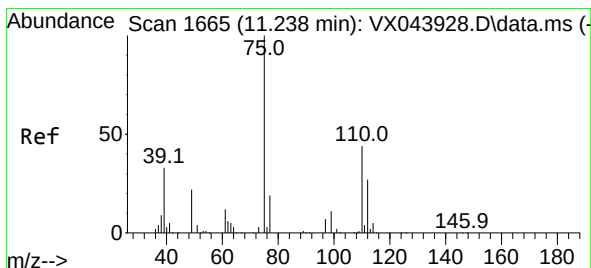
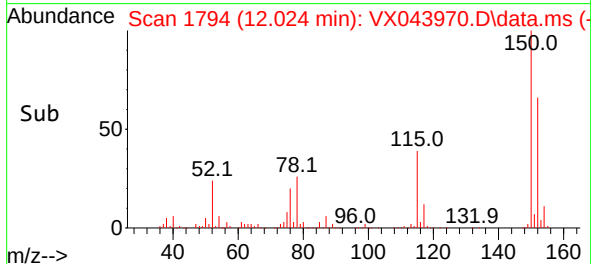
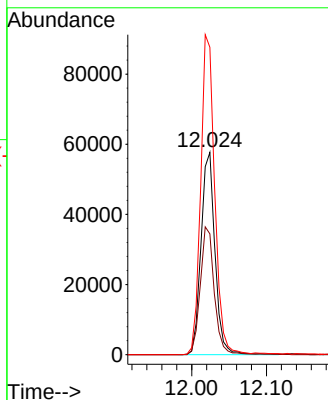
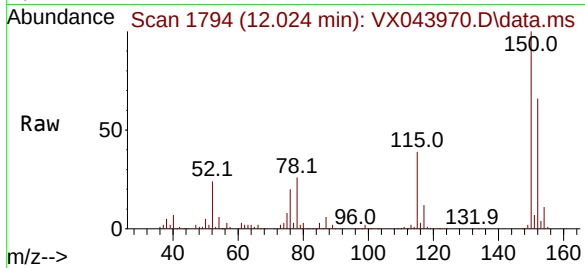




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043970.D
 Acq: 22 Nov 2024 19:10

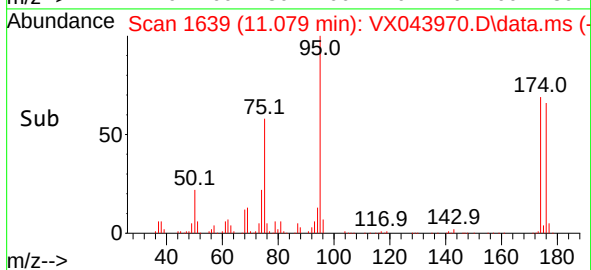
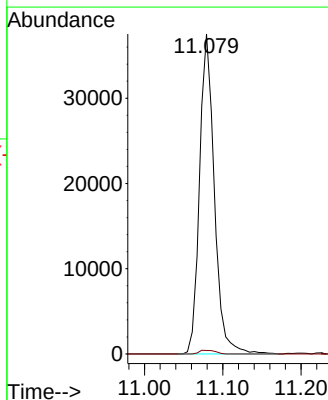
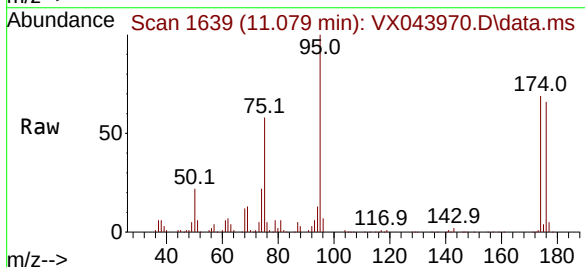
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-FD-3-20241113

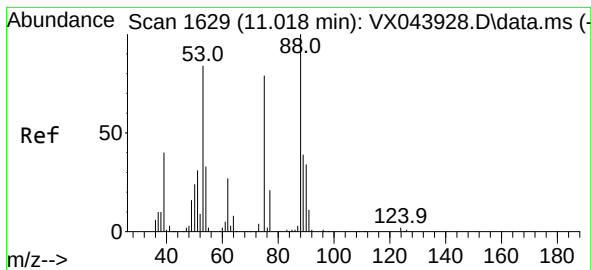
Tgt Ion:152 Resp: 74961
 Ion Ratio Lower Upper
 152 100
 115 63.6 45.4 136.2
 150 158.1 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 29.998 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043970.D
 Acq: 22 Nov 2024 19:10

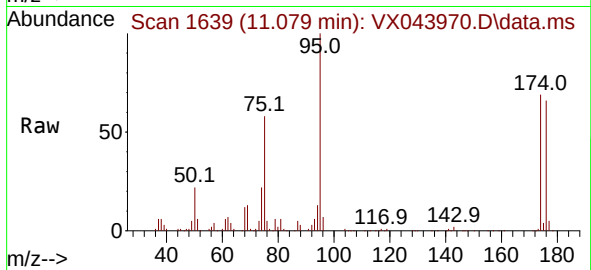
Tgt Ion: 75 Resp: 49314
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.8 65.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.859 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX043970.D
Acq: 22 Nov 2024 19:10

Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-3-20241113



Tgt Ion: 75 Resp: 49314
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.0 38.2 57.2#

