

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112524\
 Data File : VX043990.D
 Acq On : 25 Nov 2024 16:35
 Operator : JC/MD
 Sample : P4873-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-32-20241114

Quant Time: Nov 27 07:42:58 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)

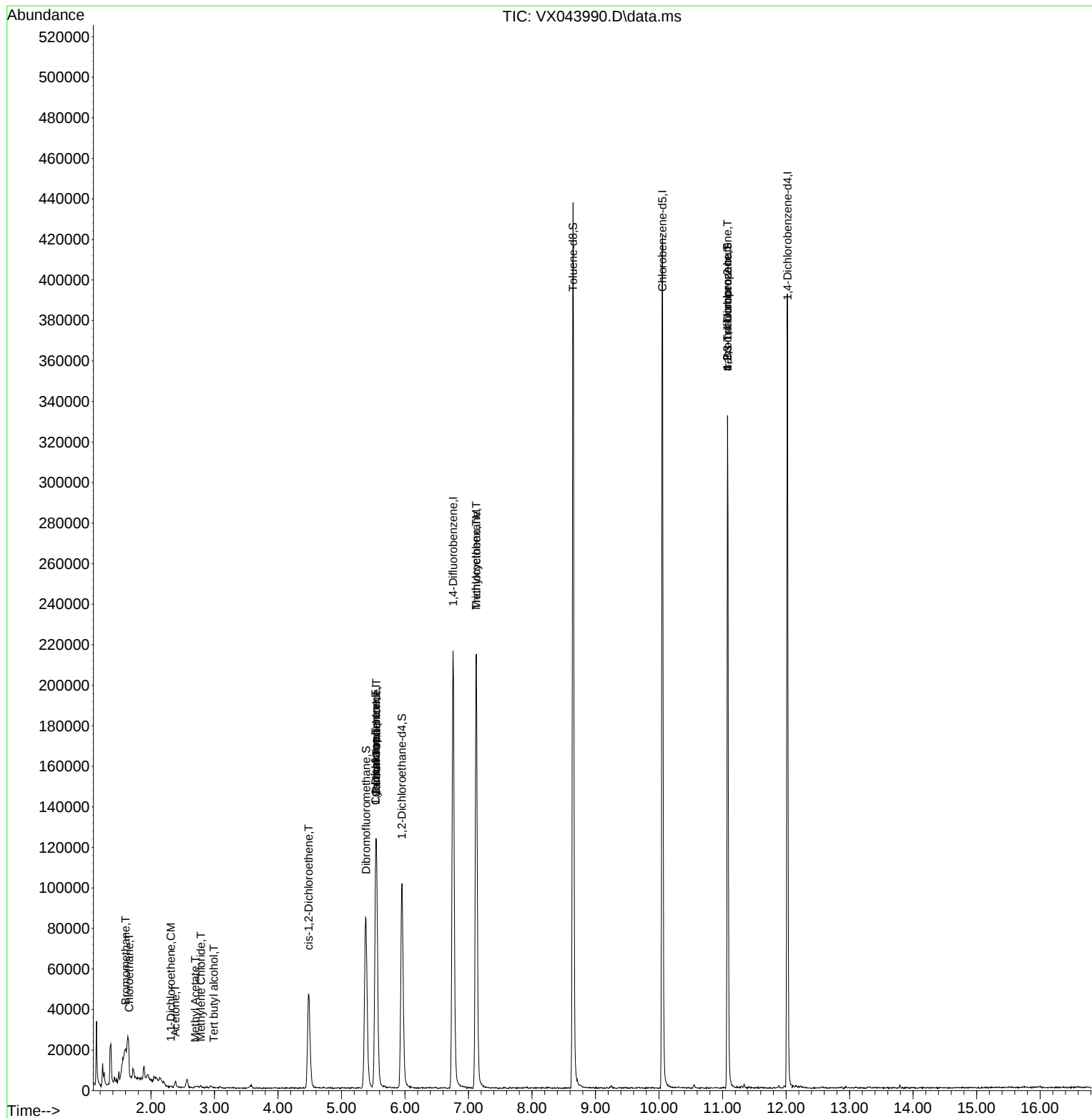
Internal Standards						
1) Pentafluorobenzene	5.544	168	113361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214013	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98009	50.407	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.820%			
35) Dibromofluoromethane	5.385	113	73131	47.822	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.640%			
50) Toluene-d8	8.647	98	260964	49.506	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.020%			
62) 4-Bromofluorobenzene	11.079	95	84479	47.090	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.180%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	304	0.307	ug/l #	1
6) Chloroethane	1.654	64	253	0.258	ug/l #	66
11) Tert butyl alcohol	2.989	59	519	1.663	ug/l #	73
12) 1,1-Dichloroethene	2.313	96	305	0.233	ug/l #	45
16) Acetone	2.386	43	3293	3.687	ug/l #	89
18) Methyl Acetate	2.697	43	444	0.214	ug/l #	52
20) Methylene Chloride	2.788	84	453	0.299	ug/l #	86
27) cis-1,2-Dichloroethene	4.483	96	29183	17.506	ug/l	89
31) Cyclohexane	5.538	56	3220	1.486	ug/l #	57
36) 1,1-Dichloropropene	5.538	75	10670	5.599	ug/l #	44
38) Carbon Tetrachloride	5.550	117	12700	5.931	ug/l #	17
39) Methylcyclohexane	7.123	83	1064	0.430	ug/l #	1
44) Trichloroethene	7.123	130	80066	47.648	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	47854	28.106	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	47854	76.694	ug/l #	6

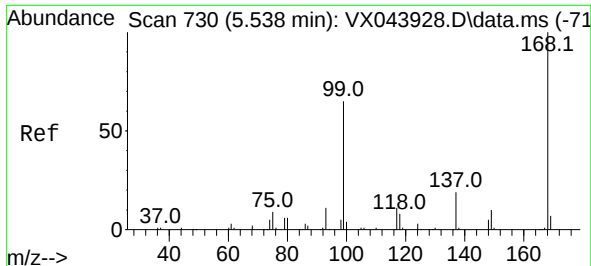
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

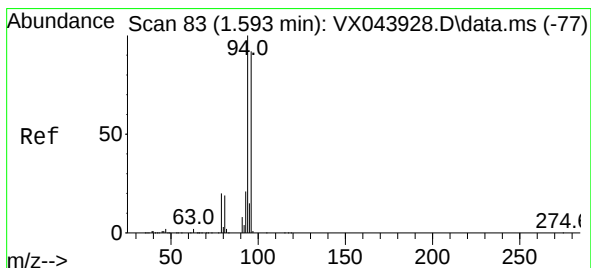
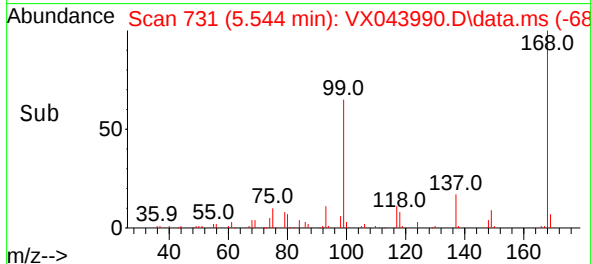
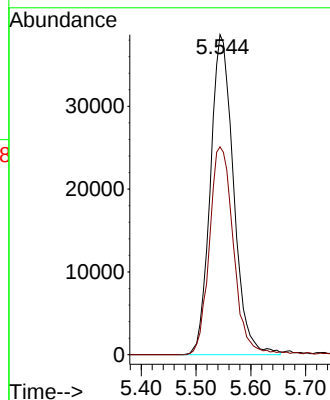
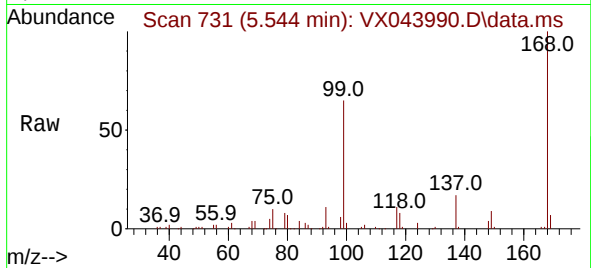




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043990.D
Acq: 25 Nov 2024 16:35

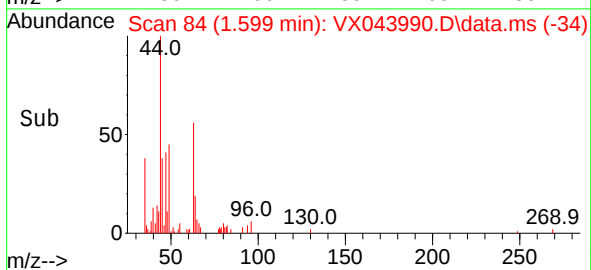
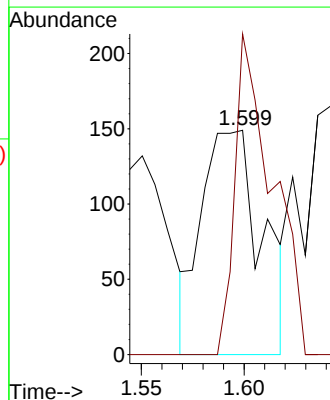
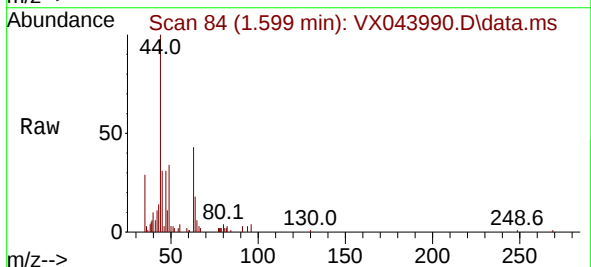
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20241114

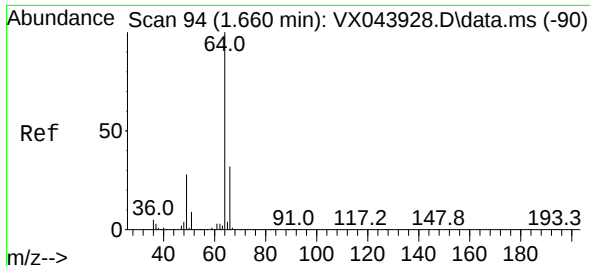
Tgt Ion:168 Resp: 113361
Ion Ratio Lower Upper
168 100
99 65.0 51.8 77.8



#5
Bromomethane
Concen: 0.307 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043990.D
Acq: 25 Nov 2024 16:35

Tgt Ion: 94 Resp: 304
Ion Ratio Lower Upper
94 100
96 226.6 73.9 110.9#

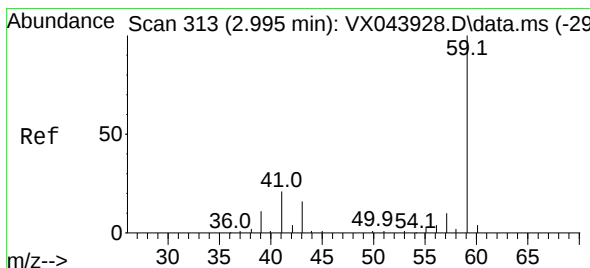
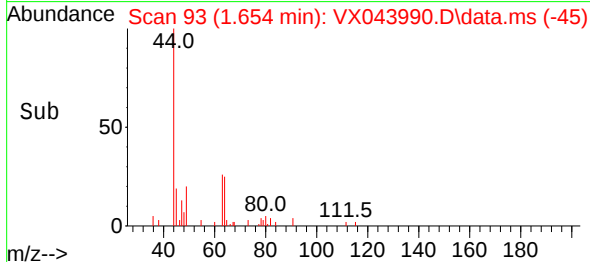
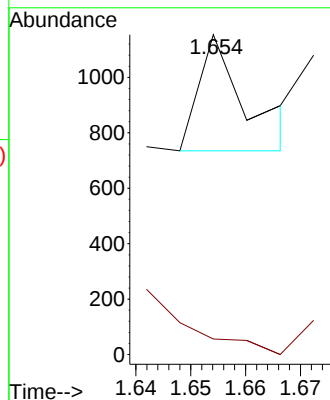
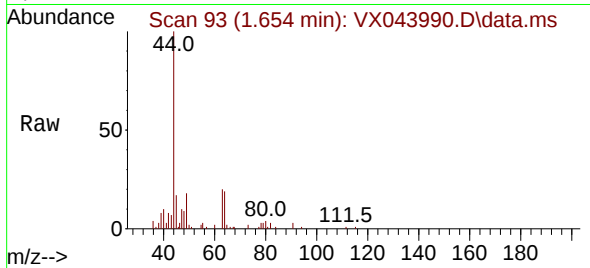




#6
Chloroethane
Concen: 0.258 ug/l
RT: 1.654 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX043990.D
Acq: 25 Nov 2024 16:35

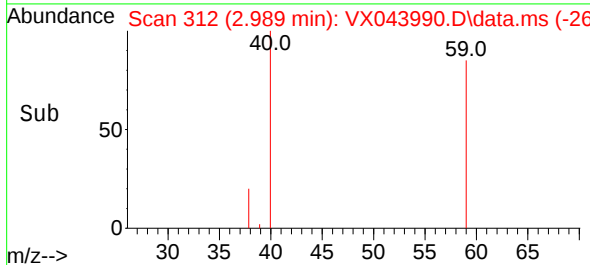
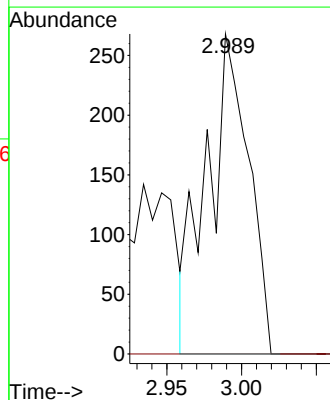
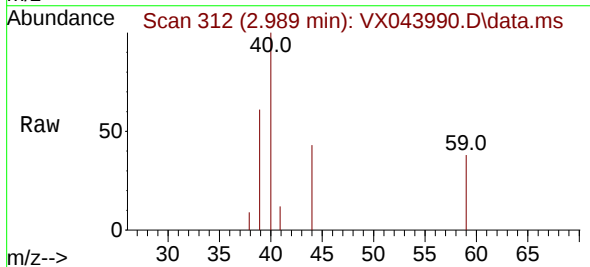
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20241114

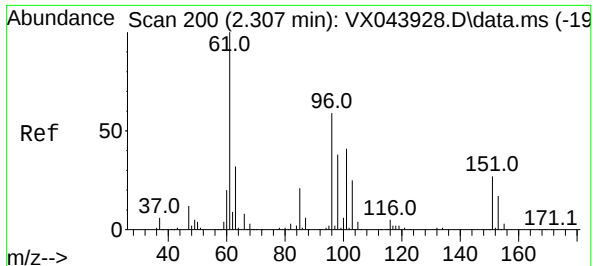
Tgt Ion: 64 Resp: 253
Ion Ratio Lower Upper
64 100
66 13.4 25.9 38.9#



#11
Tert butyl alcohol
Concen: 1.663 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.006 min
Lab File: VX043990.D
Acq: 25 Nov 2024 16:35

Tgt Ion: 59 Resp: 519
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

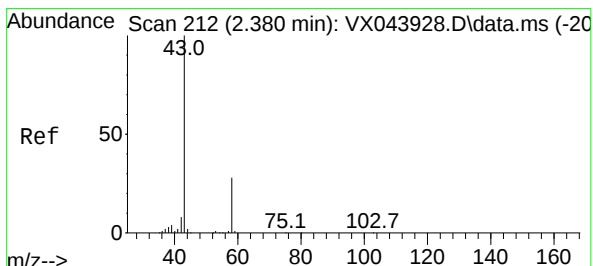
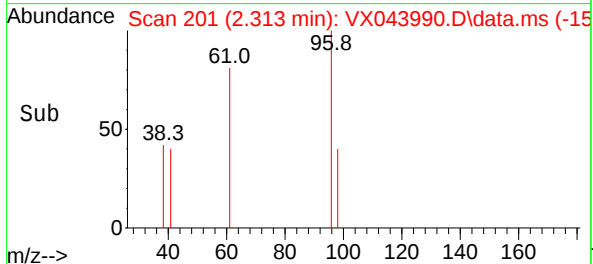
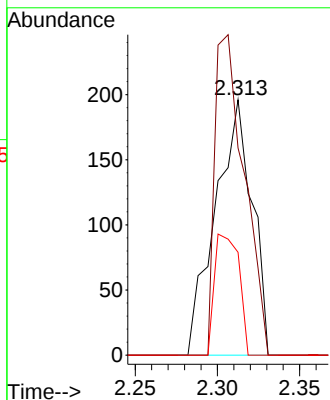
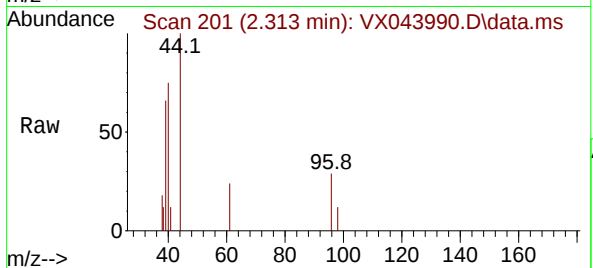




#12
1,1-Dichloroethene
Concen: 0.233 ug/l
RT: 2.313 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX043990.D
Acq: 25 Nov 2024 16:35

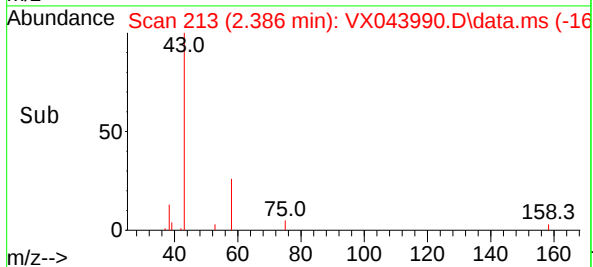
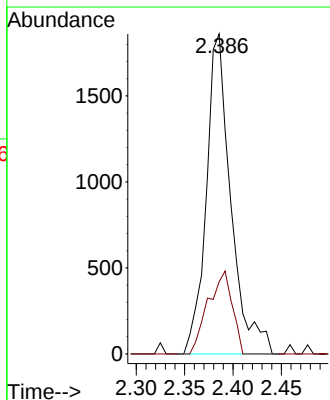
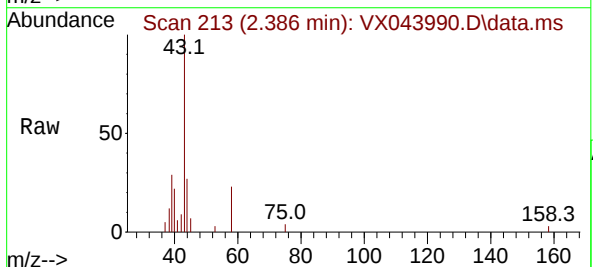
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20241114

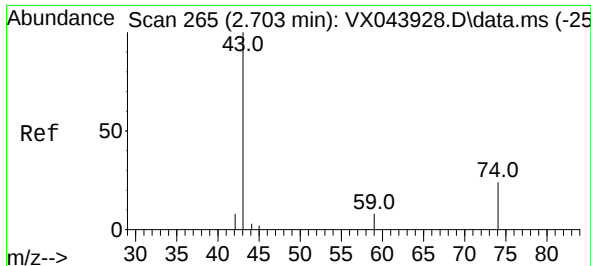
Tgt Ion: 96 Resp: 305
Ion Ratio Lower Upper
96 100
61 81.1 135.5 203.3#
98 40.3 50.8 76.2#



#16
Acetone
Concen: 3.687 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043990.D
Acq: 25 Nov 2024 16:35

Tgt Ion: 43 Resp: 3293
Ion Ratio Lower Upper
43 100
58 22.6 22.7 34.1#





#18

Methyl Acetate

Concen: 0.214 ug/l

RT: 2.697 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX043990.D

Acq: 25 Nov 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

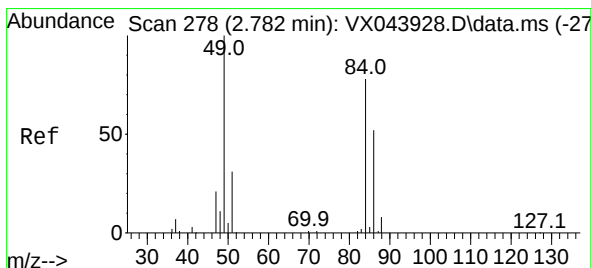
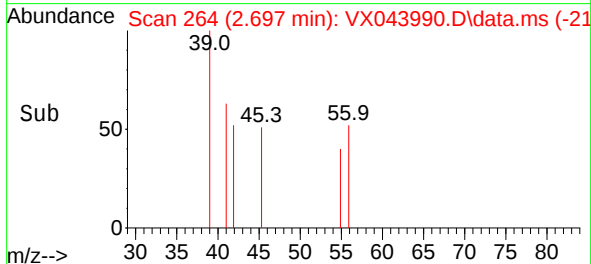
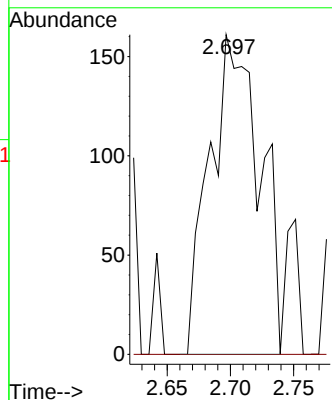
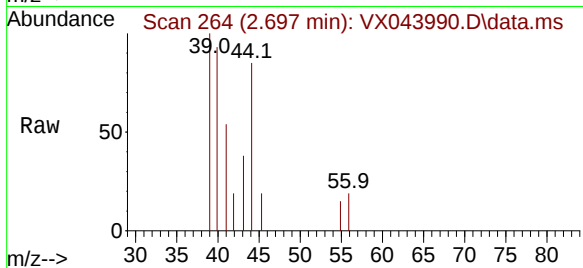
FSND-MW-32-20241114

Tgt Ion: 43 Resp: 444

Ion Ratio Lower Upper

43 100

74 0.0 18.9 28.3#



#20

Methylene Chloride

Concen: 0.299 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX043990.D

Acq: 25 Nov 2024 16:35

Tgt Ion: 84 Resp: 453

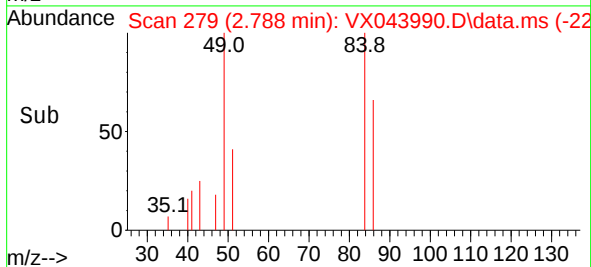
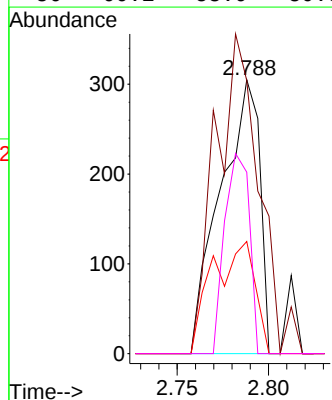
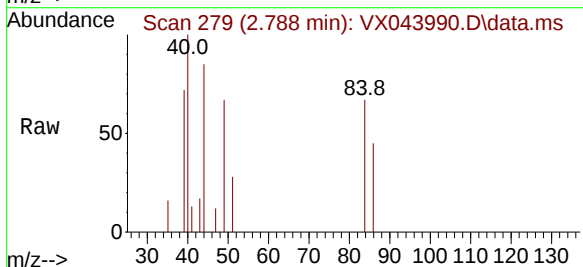
Ion Ratio Lower Upper

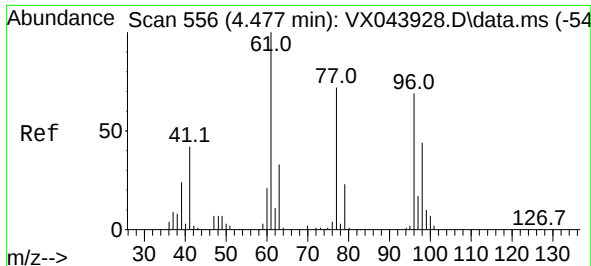
84 100

49 99.7 102.7 154.1#

51 41.0 31.7 47.5

86 66.2 53.9 80.9





#27

cis-1,2-Dichloroethene

Concen: 17.506 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX043990.D

Acq: 25 Nov 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-32-20241114

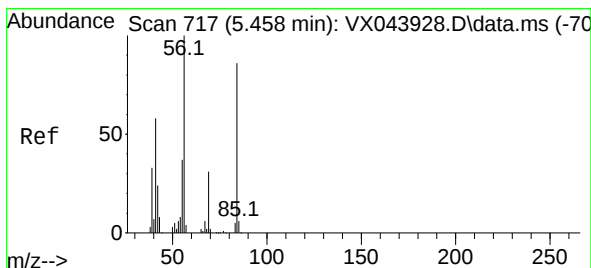
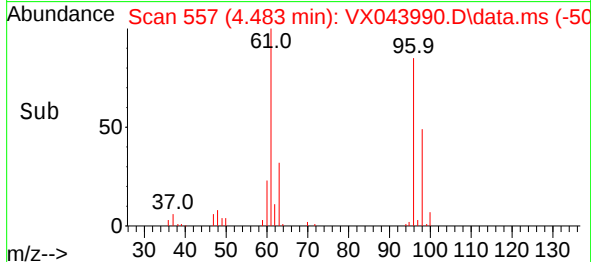
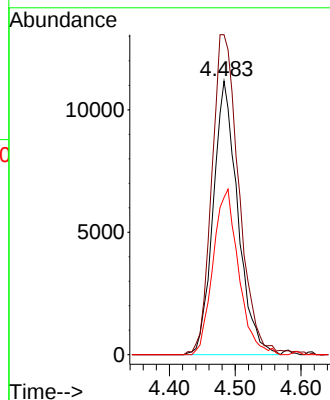
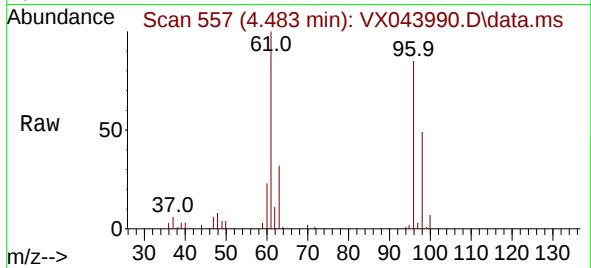
Tgt Ion: 96 Resp: 29183

Ion Ratio Lower Upper

96 100

61 129.4 0.0 297.4

98 62.7 0.0 127.8



#31

Cyclohexane

Concen: 1.486 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.079 min

Lab File: VX043990.D

Acq: 25 Nov 2024 16:35

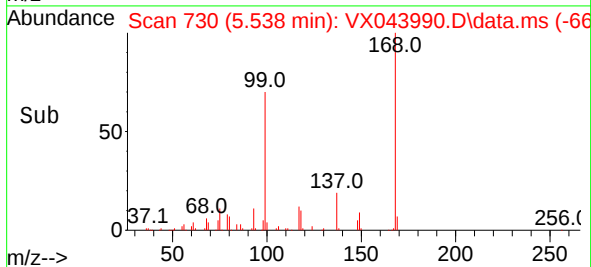
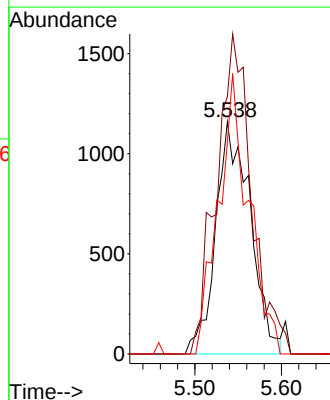
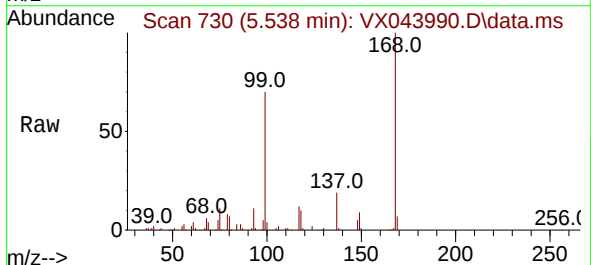
Tgt Ion: 56 Resp: 3220

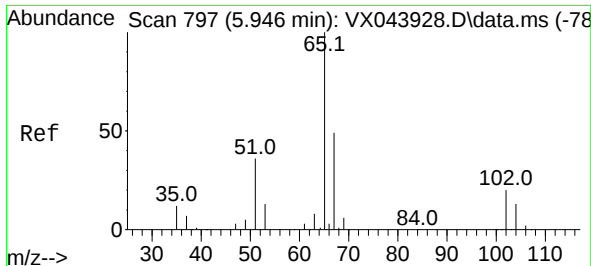
Ion Ratio Lower Upper

56 100

69 111.0 24.7 37.1#

84 91.5 68.7 103.1





#33

1,2-Dichloroethane-d4

Concen: 50.407 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX043990.D

Acq: 25 Nov 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

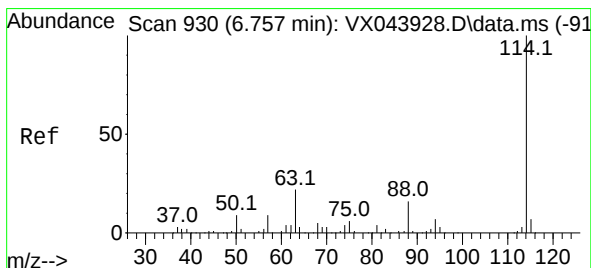
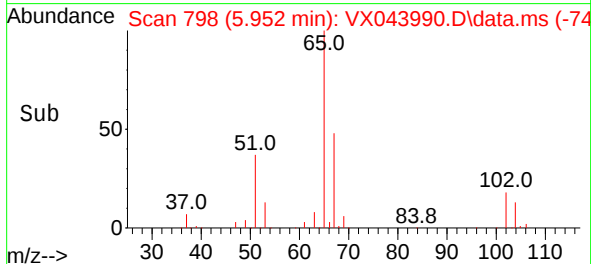
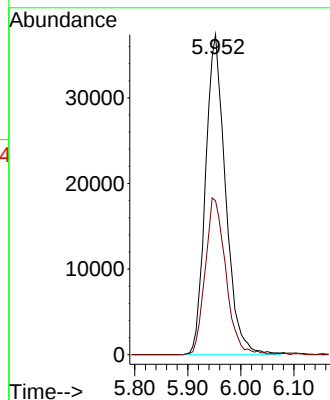
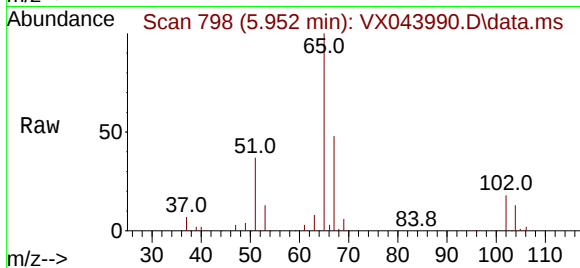
FSND-MW-32-20241114

Tgt Ion: 65 Resp: 98009

Ion Ratio Lower Upper

65 100

67 50.3 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: VX043990.D

Acq: 25 Nov 2024 16:35

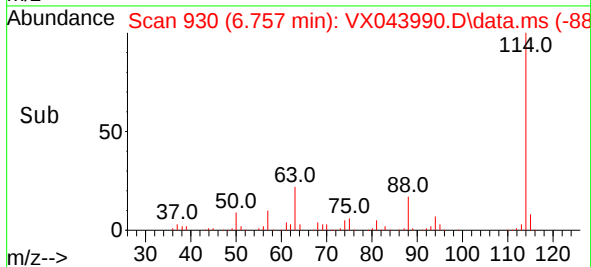
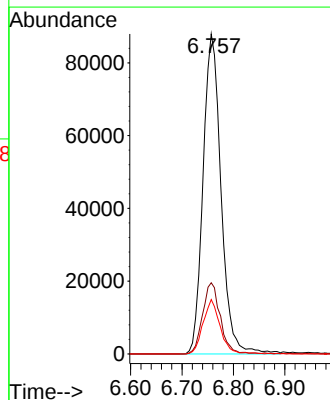
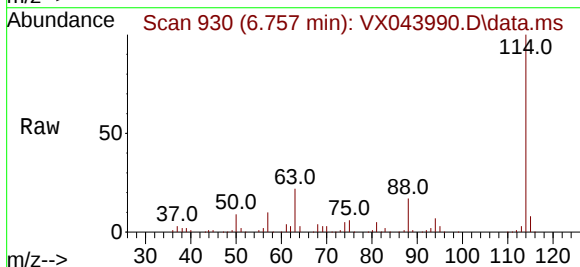
Tgt Ion: 114 Resp: 214013

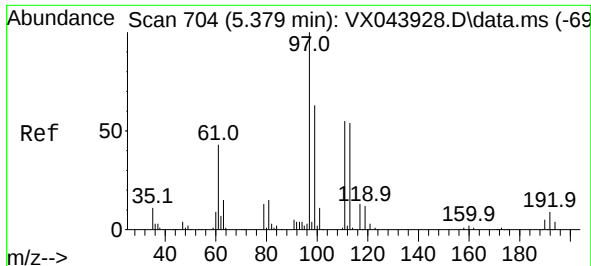
Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.0

88 17.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 47.822 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043990.D

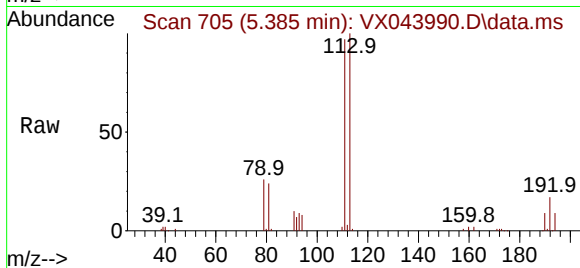
Acq: 25 Nov 2024 16:35

Instrument :

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ClientSampleId :

FSND-MW-32-20241114



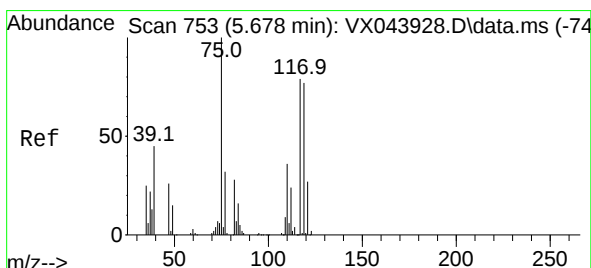
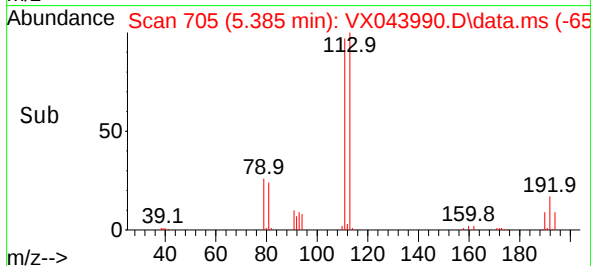
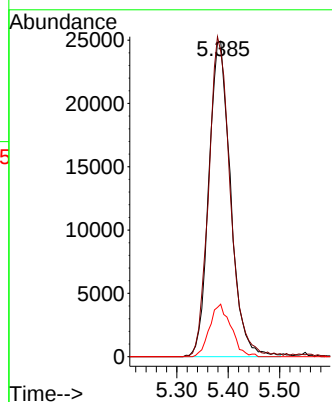
Tgt Ion:113 Resp: 73131

Ion Ratio Lower Upper

113 100

111 101.2 81.0 121.4

192 16.5 13.0 19.6



#36

1,1-Dichloropropene

Concen: 5.599 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.140 min

Lab File: VX043990.D

Acq: 25 Nov 2024 16:35

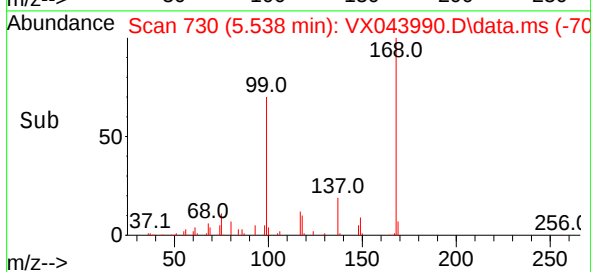
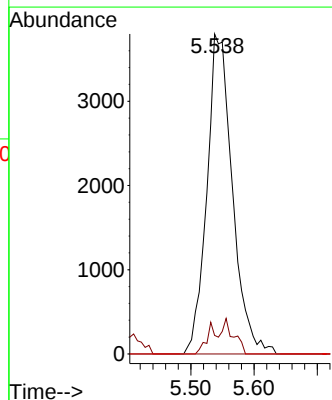
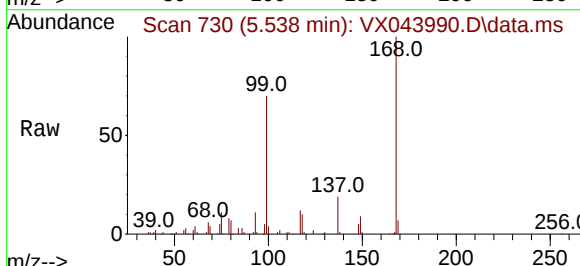
Tgt Ion: 75 Resp: 10670

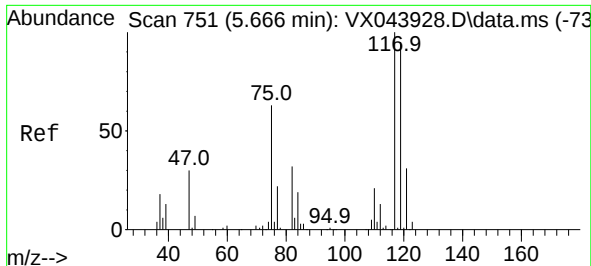
Ion Ratio Lower Upper

75 100

110 3.8 17.4 52.2#

77 0.0 25.8 38.8#

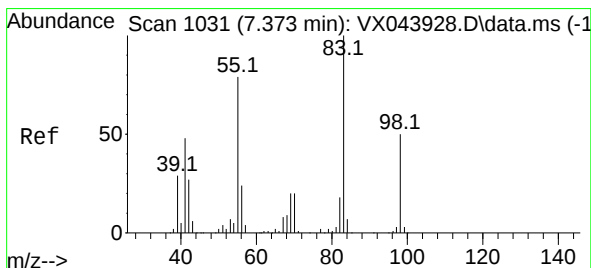
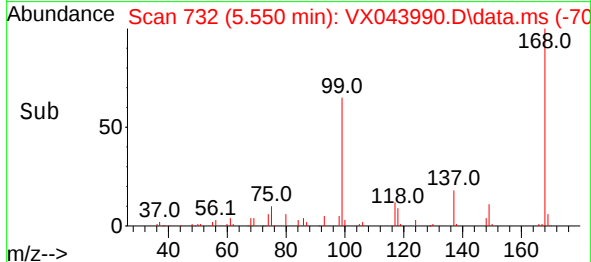
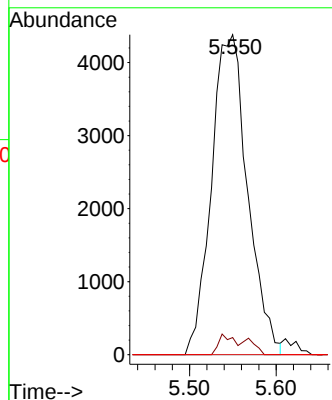
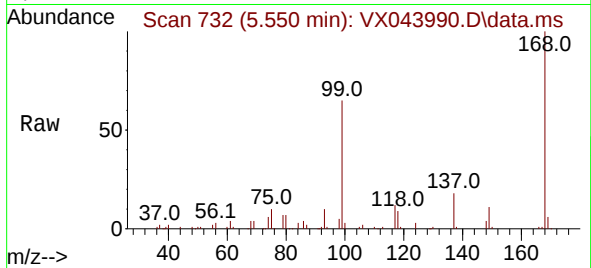




#38
Carbon Tetrachloride
Concen: 5.931 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX043990.D
Acq: 25 Nov 2024 16:35

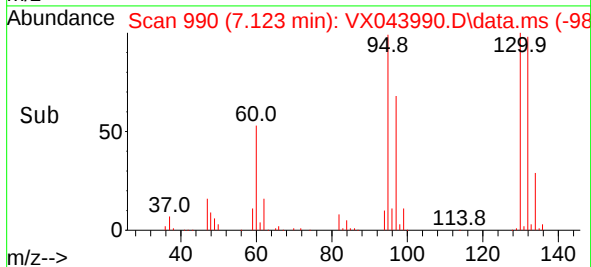
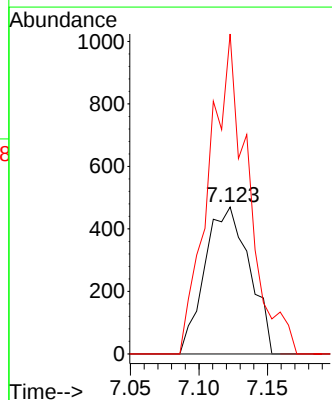
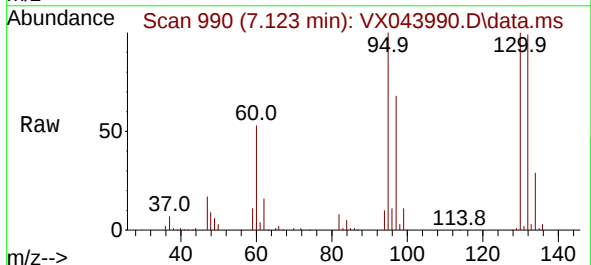
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20241114

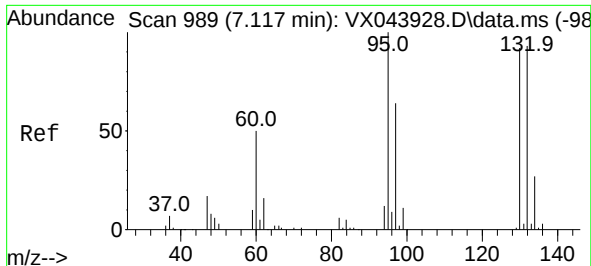
Tgt Ion:117 Resp: 12700
Ion Ratio Lower Upper
117 100
119 5.4 75.2 112.8#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 0.430 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.250 min
Lab File: VX043990.D
Acq: 25 Nov 2024 16:35

Tgt Ion: 83 Resp: 1064
Ion Ratio Lower Upper
83 100
55 0.0 63.1 94.7#
98 217.9 40.0 60.0#

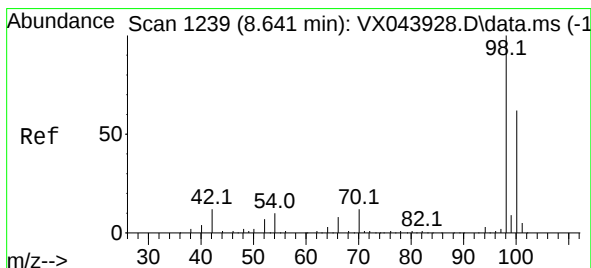
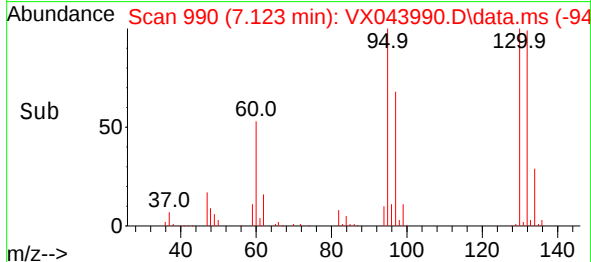
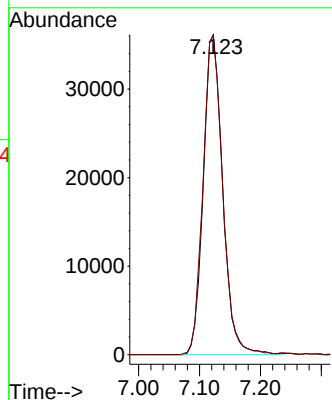
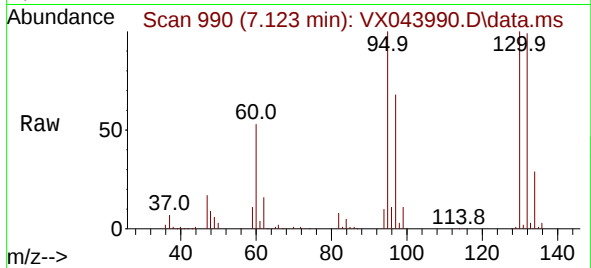




#44
 Trichloroethene
 Concen: 47.648 ug/l
 RT: 7.123 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VX043990.D
 Acq: 25 Nov 2024 16:35

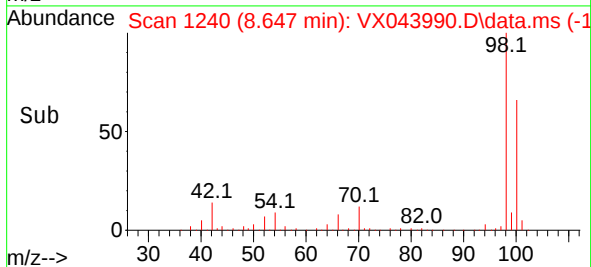
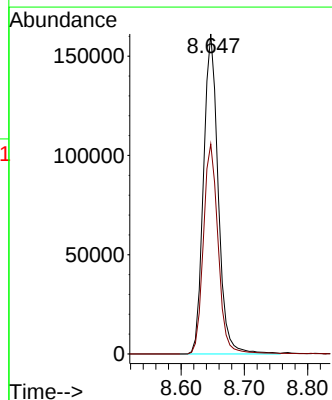
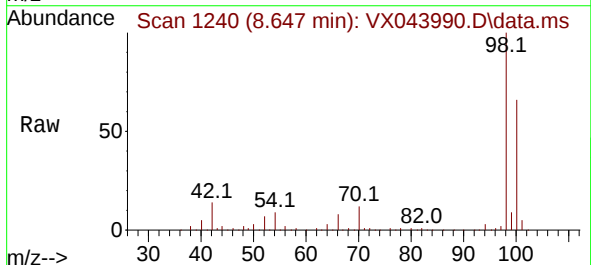
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-32-20241114

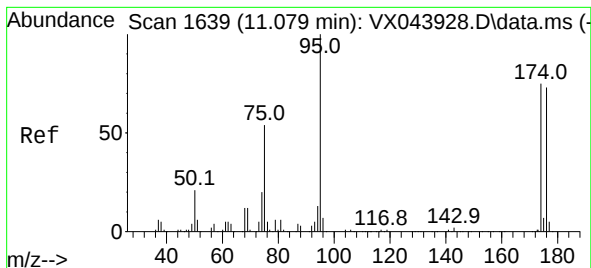
Tgt Ion:130 Resp: 80066
 Ion Ratio Lower Upper
 130 100
 95 99.7 0.0 217.8



#50
 Toluene-d8
 Concen: 49.506 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.006 min
 Lab File: VX043990.D
 Acq: 25 Nov 2024 16:35

Tgt Ion: 98 Resp: 260964
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.6 79.0

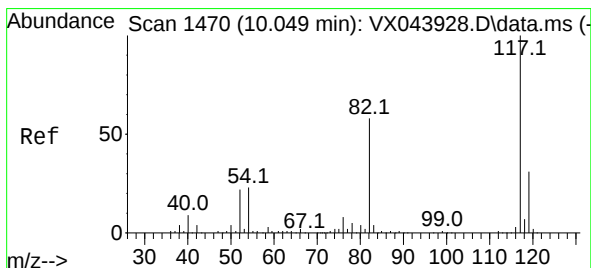
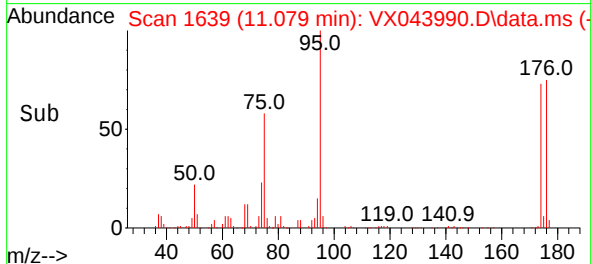
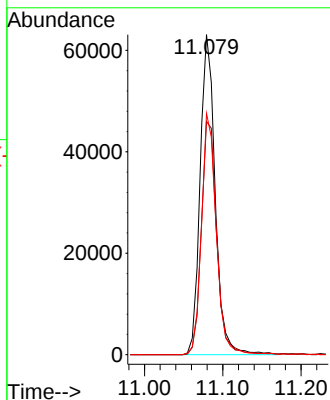
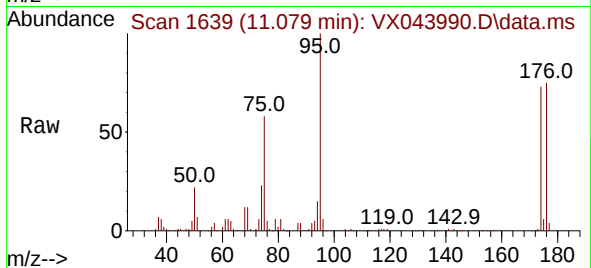




#62
4-Bromofluorobenzene
Concen: 47.090 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043990.D
Acq: 25 Nov 2024 16:35

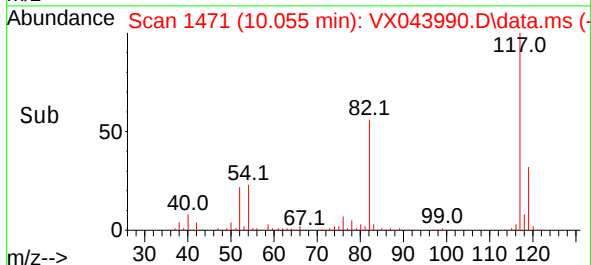
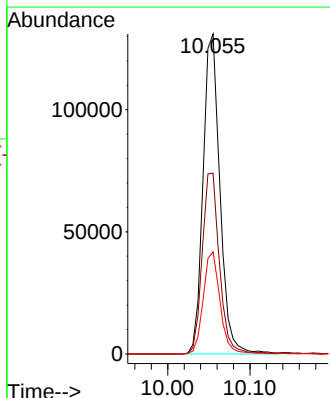
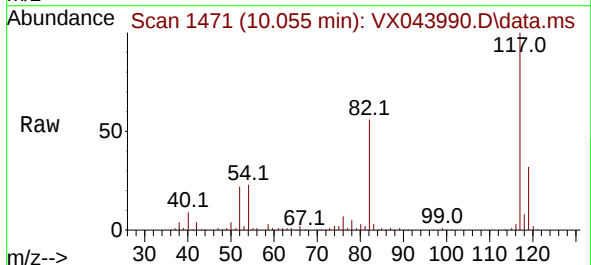
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20241114

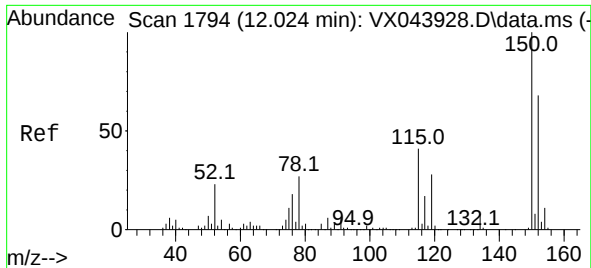
Tgt Ion: 95 Resp: 84479
Ion Ratio Lower Upper
95 100
174 74.4 0.0 150.4
176 73.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX043990.D
Acq: 25 Nov 2024 16:35

Tgt Ion: 117 Resp: 187289
Ion Ratio Lower Upper
117 100
82 56.5 46.4 69.6
119 31.9 24.6 37.0

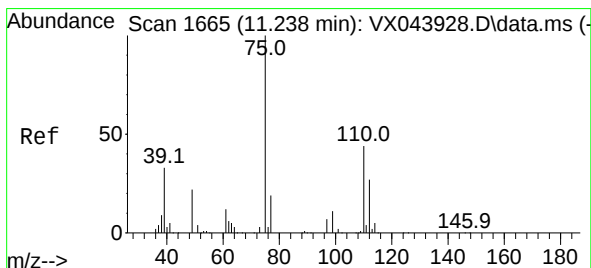
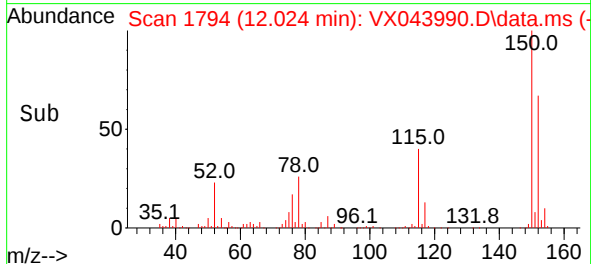
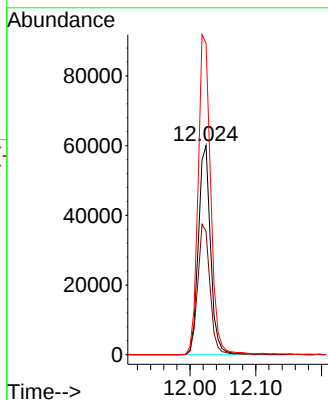
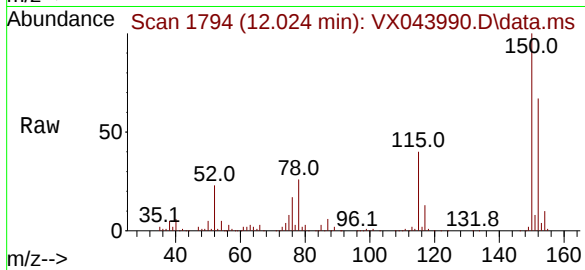




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX043990.D
 Acq: 25 Nov 2024 16:35

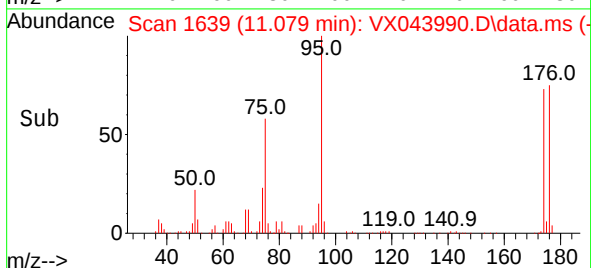
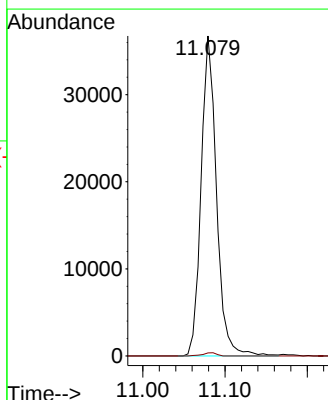
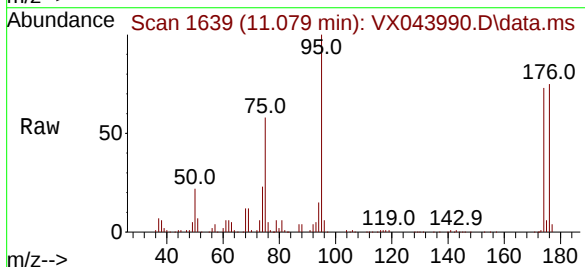
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-32-20241114

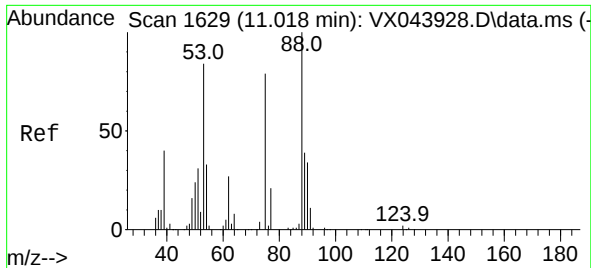
Tgt Ion:152 Resp: 77640
 Ion Ratio Lower Upper
 152 100
 115 62.9 45.4 136.2
 150 157.1 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 28.106 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043990.D
 Acq: 25 Nov 2024 16:35

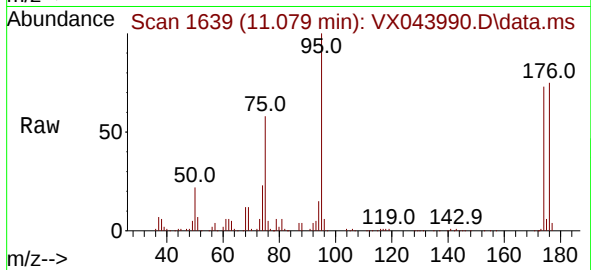
Tgt Ion: 75 Resp: 47854
 Ion Ratio Lower Upper
 75 100
 77 0.9 21.8 65.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.694 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043990.D
Acq: 25 Nov 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20241114



Tgt Ion: 75 Resp: 47854
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.0 38.2 57.2#

