

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112624\
 Data File : VX044009.D
 Acq On : 26 Nov 2024 12:08
 Operator : JC/MD
 Sample : P4846-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-EVAL-03S-20241113

Quant Time: Nov 27 00:50:26 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

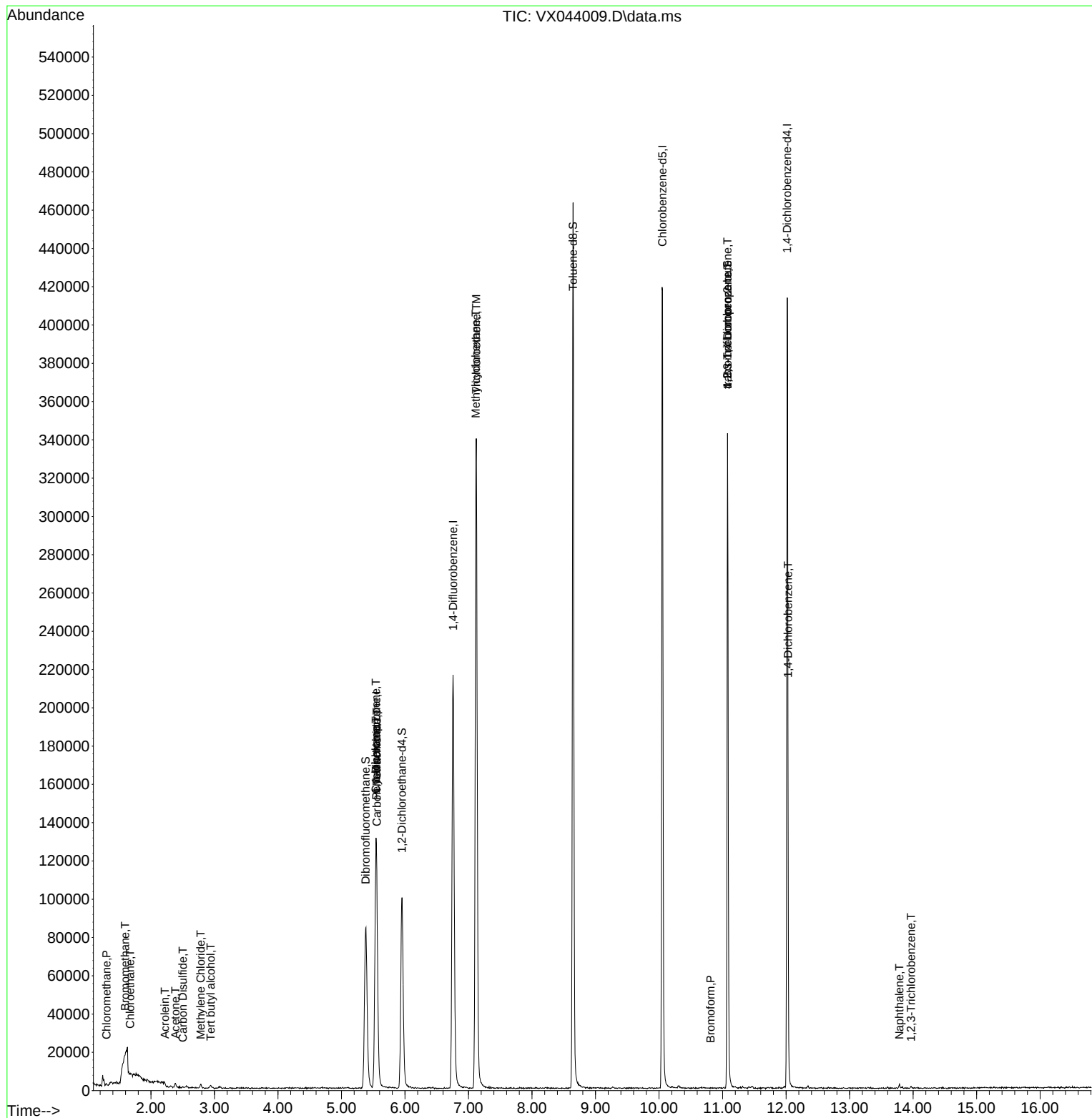
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	116476	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	216056	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97310	48.710	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.420%
35) Dibromofluoromethane	5.379	113	72915	47.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.460%
50) Toluene-d8	8.647	98	266127	50.008	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.020%
62) 4-Bromofluorobenzene	11.079	95	87048	48.063	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.120%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	632	0.407	ug/l	90
5) Bromomethane	1.593	94	442	0.435	ug/l	94
6) Chloroethane	1.672	64	216	0.215	ug/l #	1
11) Tert butyl alcohol	2.940	59	611	1.905	ug/l #	73
13) Acrolein	2.221	56	101	0.299	ug/l #	1
16) Acetone	2.386	43	2138	2.330	ug/l #	88
17) Carbon Disulfide	2.501	76	713	0.258	ug/l #	57
20) Methylene Chloride	2.782	84	845	0.543	ug/l	96
31) Cyclohexane	5.544	56	3188	1.432	ug/l #	52
36) 1,1-Dichloropropene	5.544	75	10421	5.417	ug/l #	45
38) Carbon Tetrachloride	5.556	117	13225	6.118	ug/l #	15
39) Methylcyclohexane	7.116	83	1568	0.627	ug/l #	1
44) Trichloroethene	7.123	130	125119	73.756	ug/l	92
71) Bromoform	10.811	173	20	1.225	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	48659	27.944	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	48659	76.253	ug/l #	6
88) 1,4-Dichlorobenzene	12.030	146	673	0.249	ug/l #	1
95) Naphthalene	13.786	128	1430	0.252	ug/l #	85
96) 1,2,3-Trichlorobenzene	13.969	180	492	0.308	ug/l	76

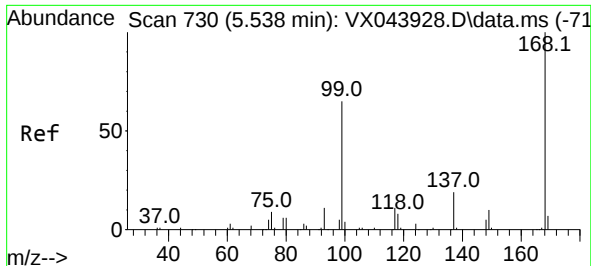
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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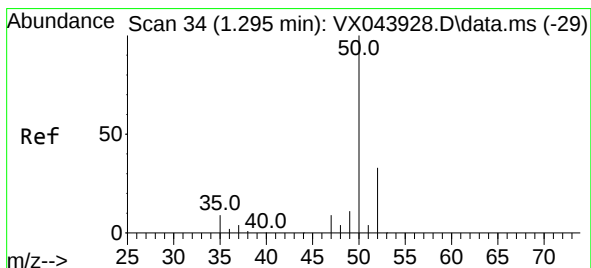
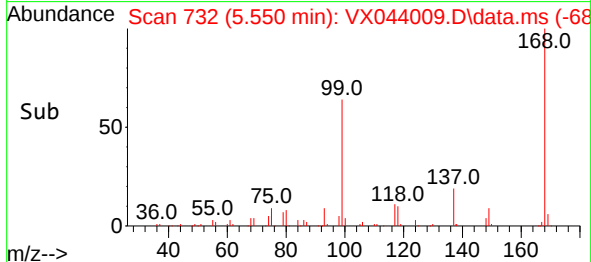
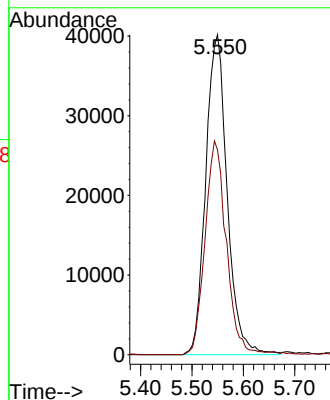
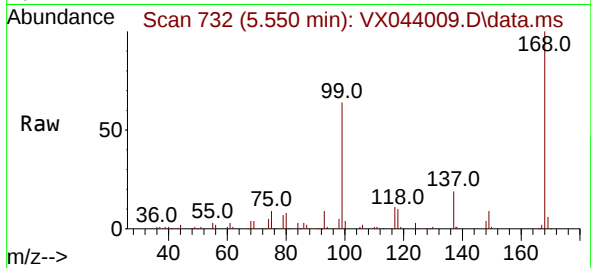




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX044009.D
Acq: 26 Nov 2024 12:08

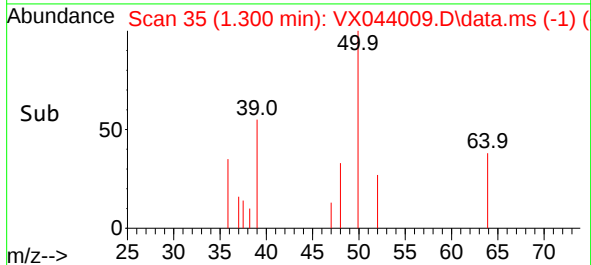
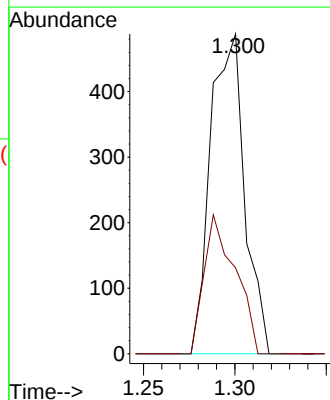
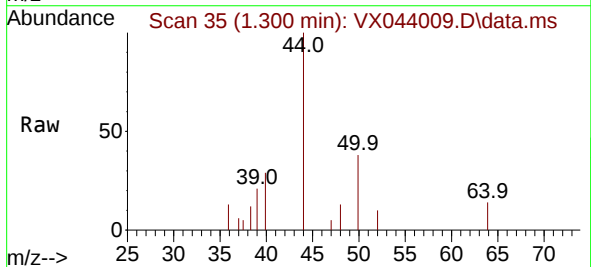
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03S-20241113

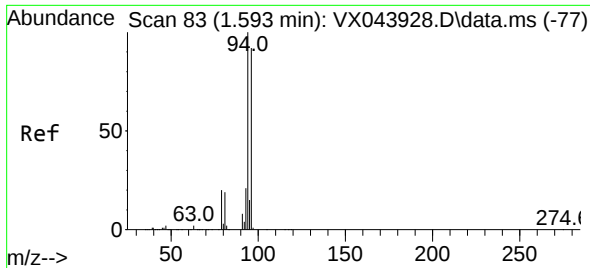
Tgt Ion:168 Resp: 116476
Ion Ratio Lower Upper
168 100
99 64.0 51.8 77.8



#3
Chloromethane
Concen: 0.407 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX044009.D
Acq: 26 Nov 2024 12:08

Tgt Ion: 50 Resp: 632
Ion Ratio Lower Upper
50 100
52 26.8 26.1 39.1

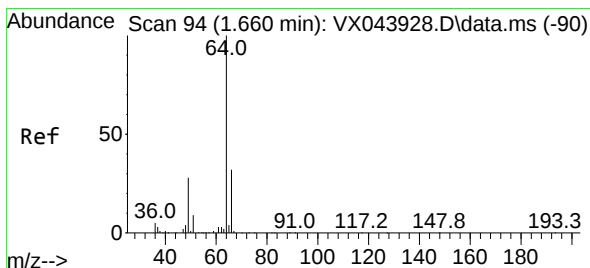
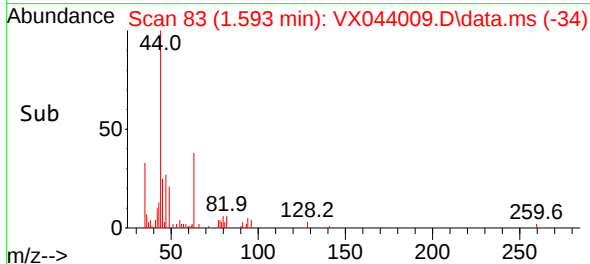
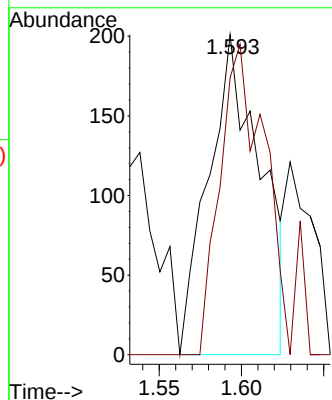
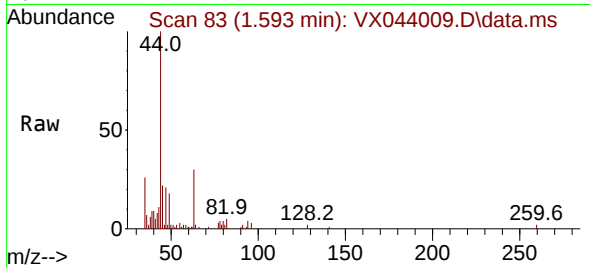




#5
Bromomethane
Concen: 0.435 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX044009.D
Acq: 26 Nov 2024 12:08

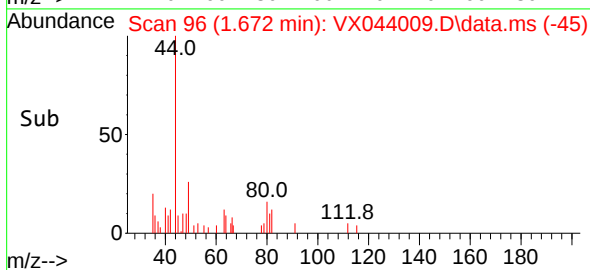
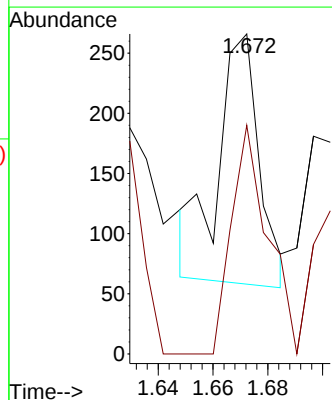
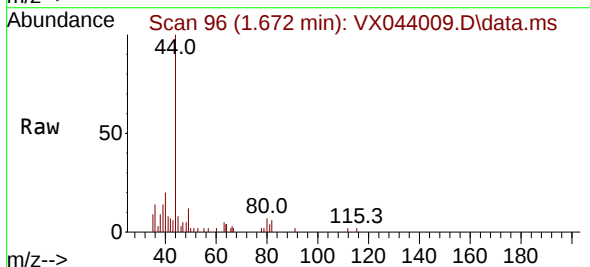
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03S-20241113

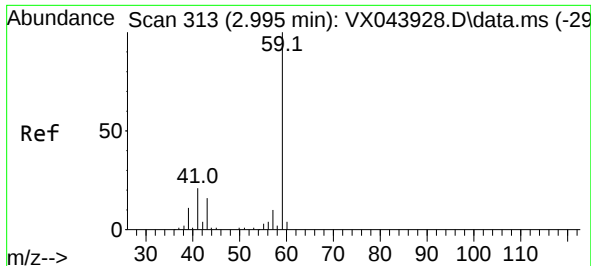
Tgt Ion: 94 Resp: 442
Ion Ratio Lower Upper
94 100
96 86.6 73.9 110.9



#6
Chloroethane
Concen: 0.215 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.012 min
Lab File: VX044009.D
Acq: 26 Nov 2024 12:08

Tgt Ion: 64 Resp: 216
Ion Ratio Lower Upper
64 100
66 103.8 25.9 38.9





#11

Tert butyl alcohol

Concen: 1.905 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.055 min

Lab File: VX044009.D

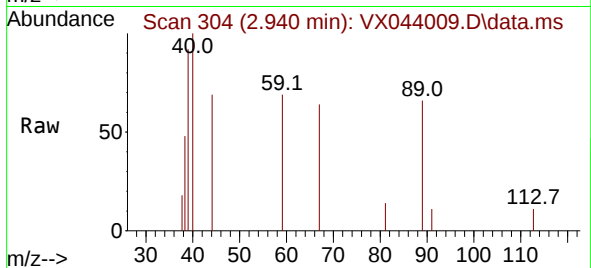
Acq: 26 Nov 2024 12:08

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-EVAL-03S-20241113

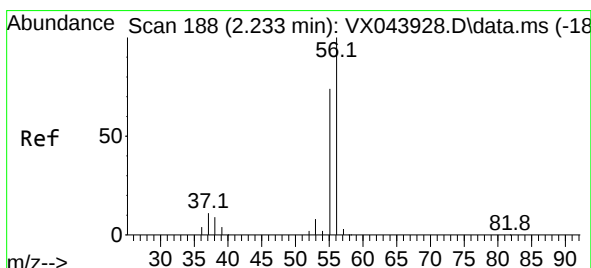
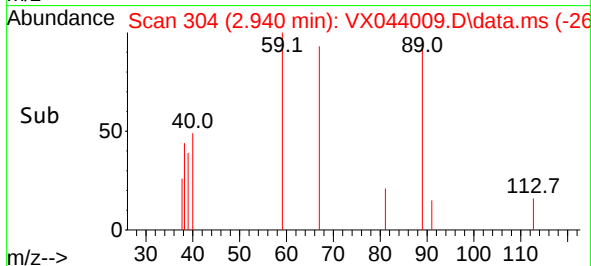
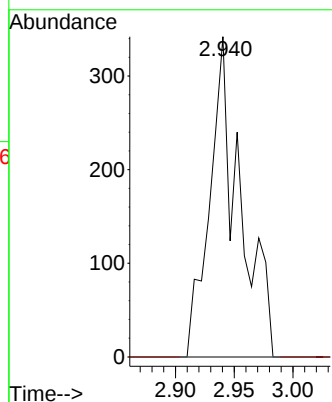


Tgt Ion: 59 Resp: 611

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#13

Acrolein

Concen: 0.299 ug/l

RT: 2.221 min Scan# 186

Delta R.T. -0.012 min

Lab File: VX044009.D

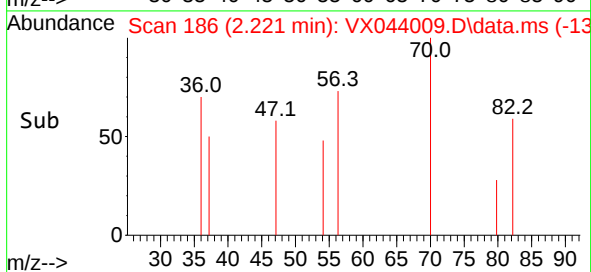
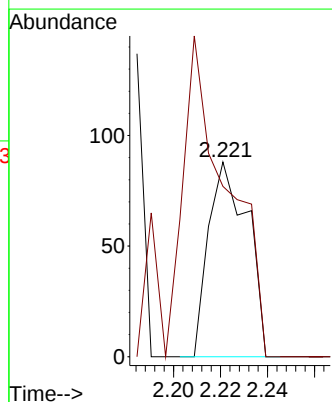
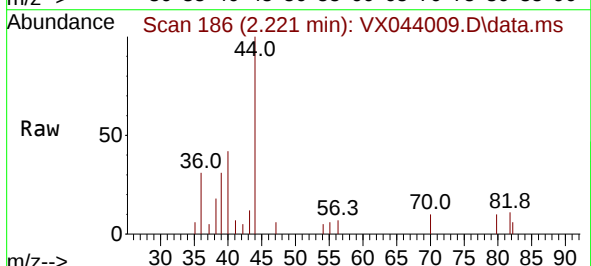
Acq: 26 Nov 2024 12:08

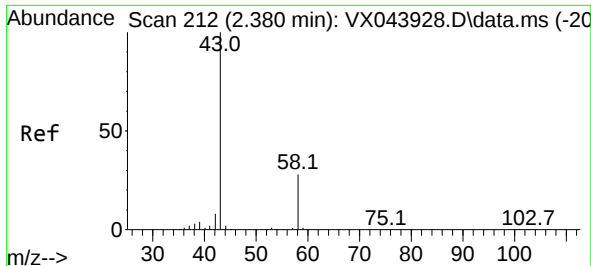
Tgt Ion: 56 Resp: 101

Ion Ratio Lower Upper

56 100

55 210.9 58.2 87.2#





#16

Acetone

Concen: 2.330 ug/l

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX044009.D

Acq: 26 Nov 2024 12:08

Instrument :

MSVOA_X

ClientSampleId :

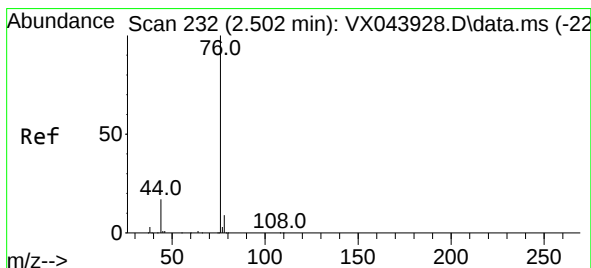
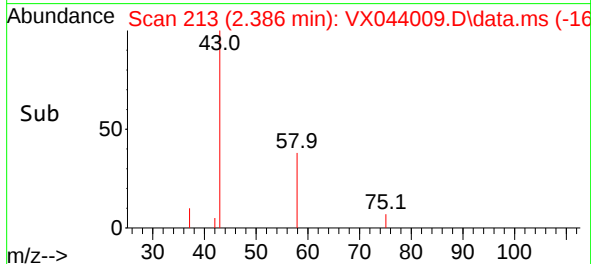
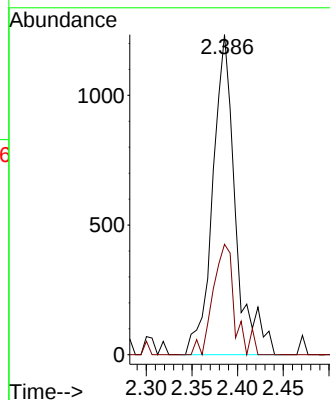
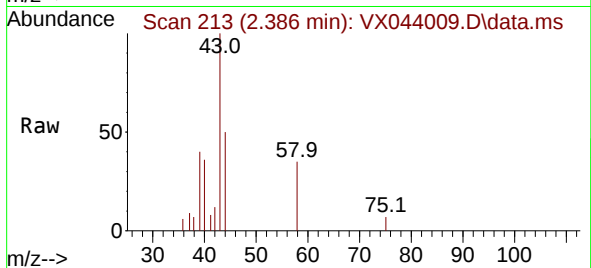
FSND-MW-EVAL-03S-20241113

Tgt Ion: 43 Resp: 2138

Ion Ratio Lower Upper

43 100

58 34.5 22.7 34.1#



#17

Carbon Disulfide

Concen: 0.258 ug/l

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX044009.D

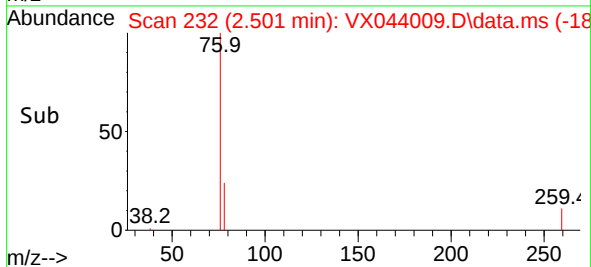
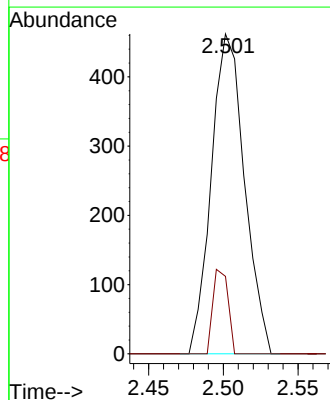
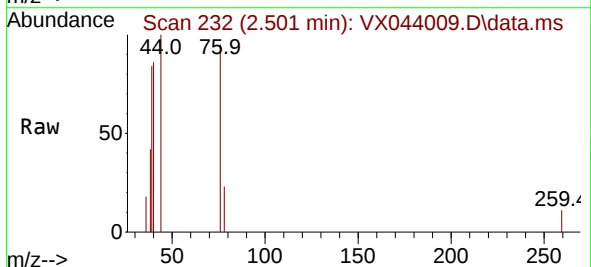
Acq: 26 Nov 2024 12:08

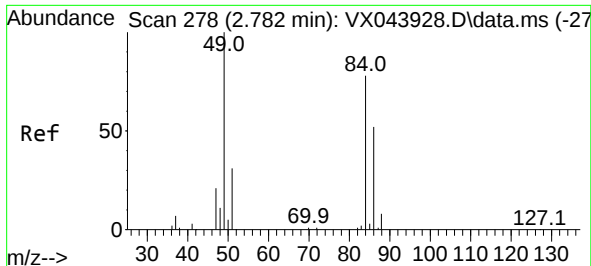
Tgt Ion: 76 Resp: 713

Ion Ratio Lower Upper

76 100

78 24.2 7.0 10.6#

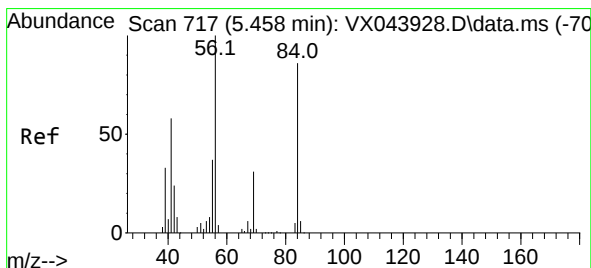
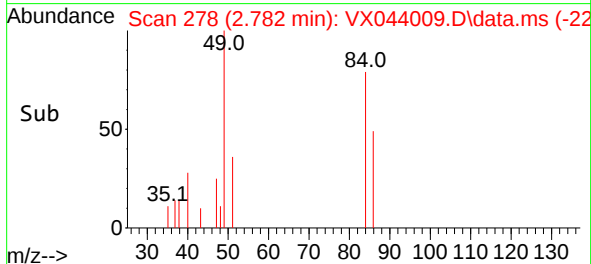
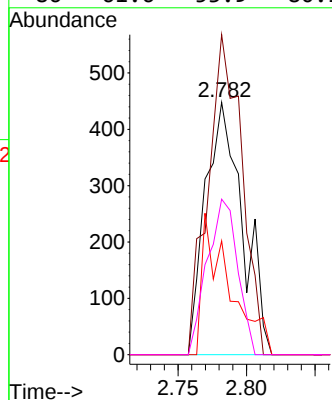
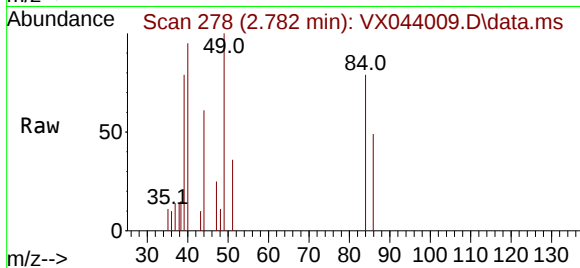




#20
Methylene Chloride
Concen: 0.543 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044009.D
Acq: 26 Nov 2024 12:08

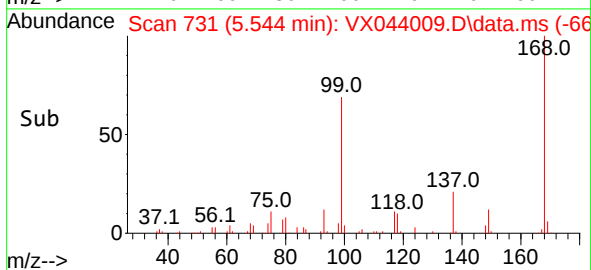
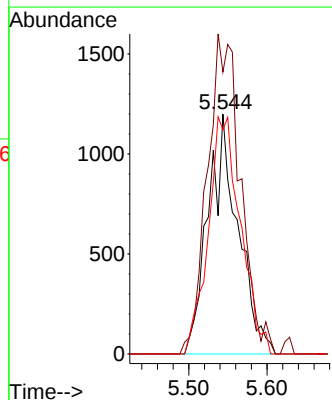
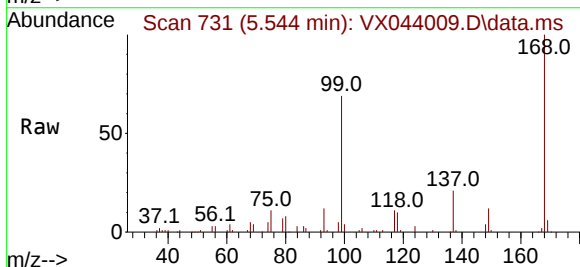
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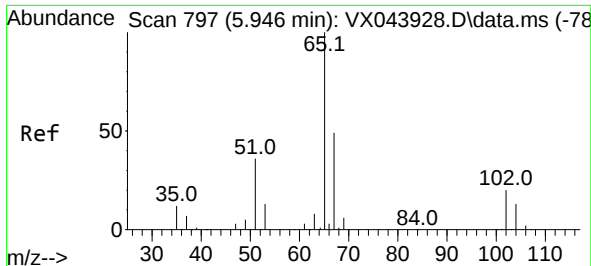
Tgt Ion:	84	Resp:	845
Ion	Ratio	Lower	Upper
84	100		
49	126.8	102.7	154.1
51	45.1	31.7	47.5
86	61.6	53.9	80.9



#31
Cyclohexane
Concen: 1.432 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX044009.D
Acq: 26 Nov 2024 12:08

Tgt Ion:	56	Resp:	3188
Ion	Ratio	Lower	Upper
56	100		
69	117.6	24.7	37.1#
84	93.5	68.7	103.1

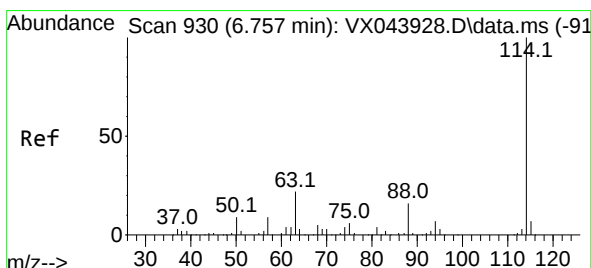
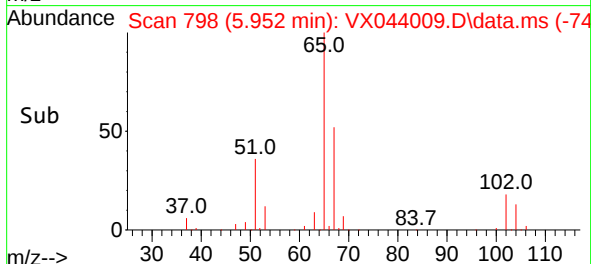
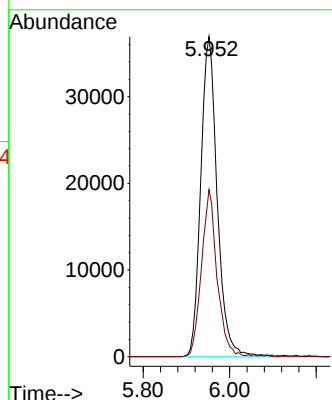
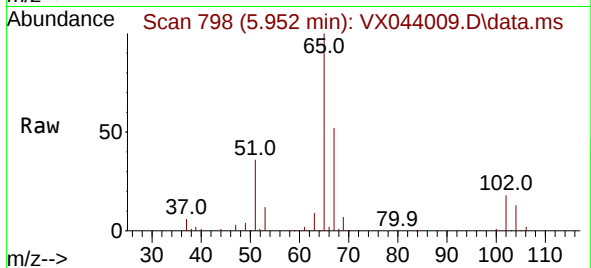




#33
 1,2-Dichloroethane-d4
 Concen: 48.710 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX044009.D
 Acq: 26 Nov 2024 12:08

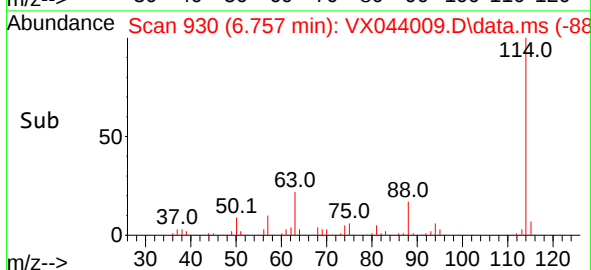
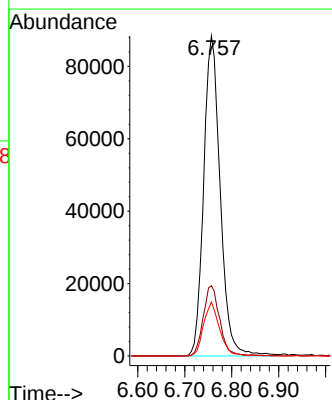
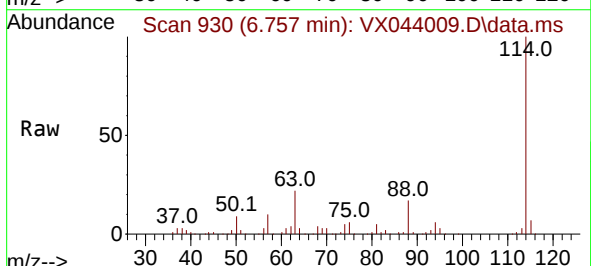
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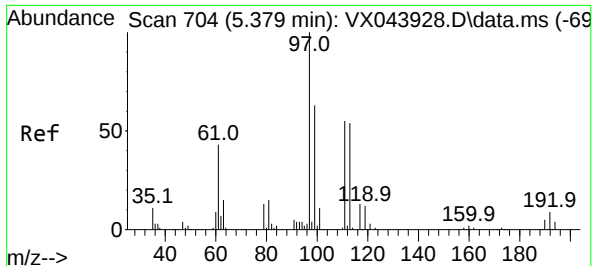
Tgt Ion: 65 Resp: 97310
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX044009.D
 Acq: 26 Nov 2024 12:08

Tgt Ion: 114 Resp: 216056
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.0
 88 16.9 0.0 32.4

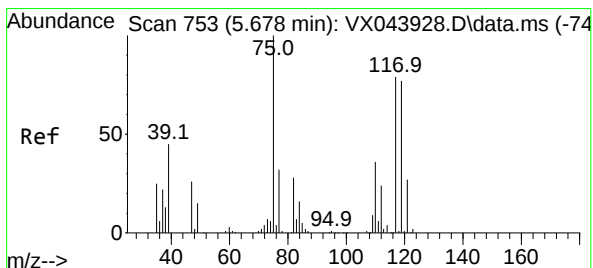
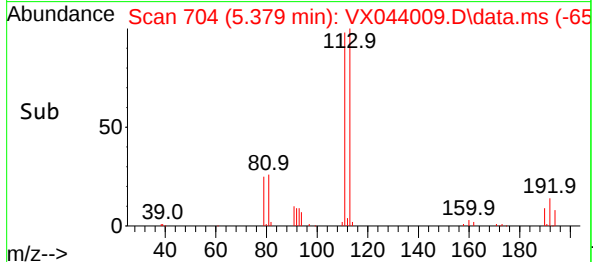
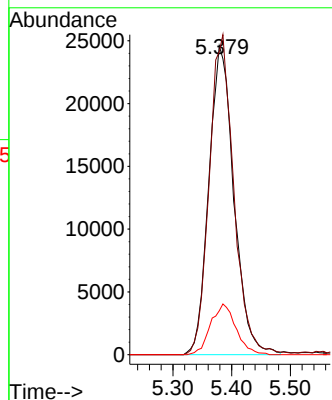
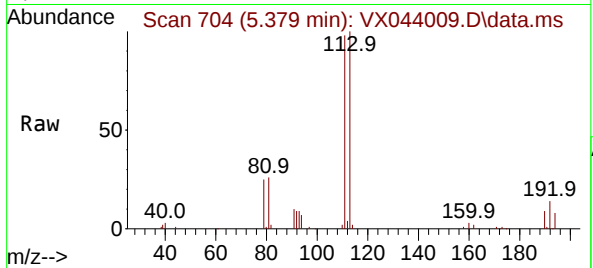




#35
Dibromofluoromethane
Concen: 47.230 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044009.D
Acq: 26 Nov 2024 12:08

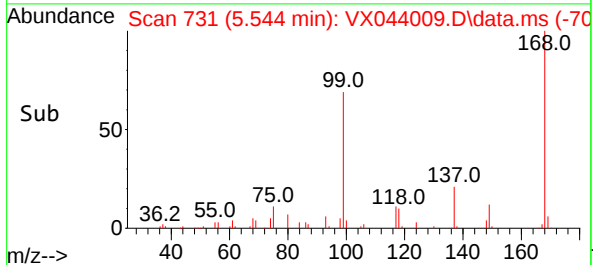
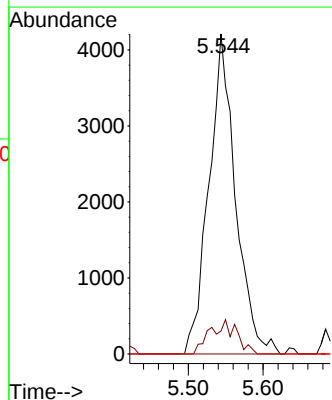
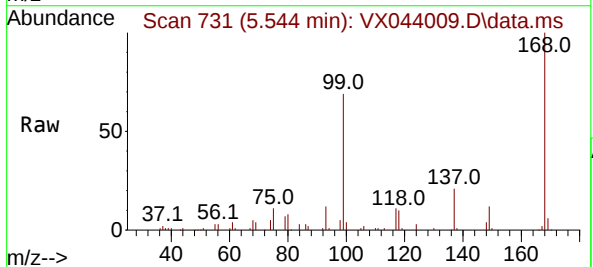
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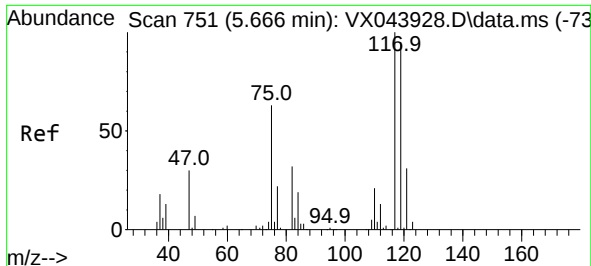
Tgt Ion:113 Resp: 72915
Ion Ratio Lower Upper
113 100
111 101.5 81.0 121.4
192 16.6 13.0 19.6



#36
1,1-Dichloropropene
Concen: 5.417 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX044009.D
Acq: 26 Nov 2024 12:08

Tgt Ion: 75 Resp: 10421
Ion Ratio Lower Upper
75 100
110 4.1 17.4 52.2#
77 0.0 25.8 38.8#

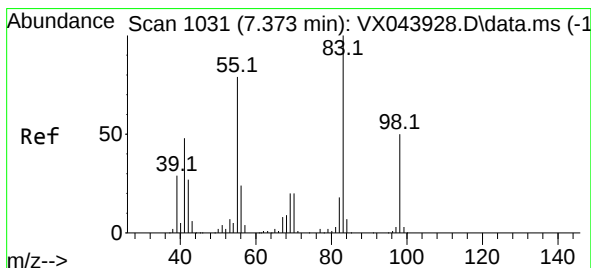
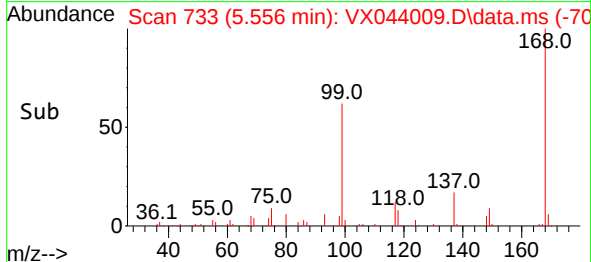
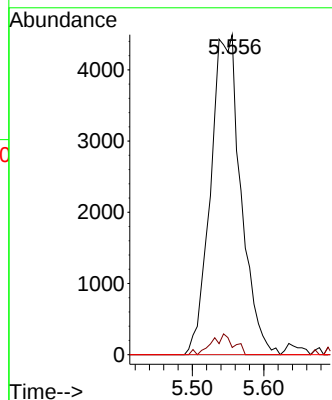
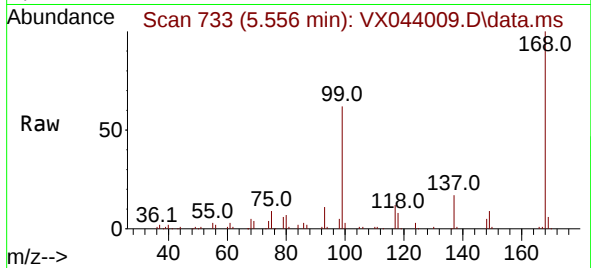




#38
Carbon Tetrachloride
Concen: 6.118 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.110 min
Lab File: VX044009.D
Acq: 26 Nov 2024 12:08

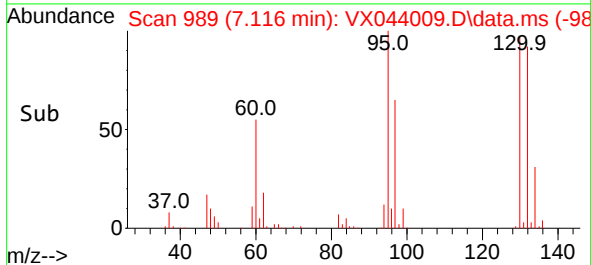
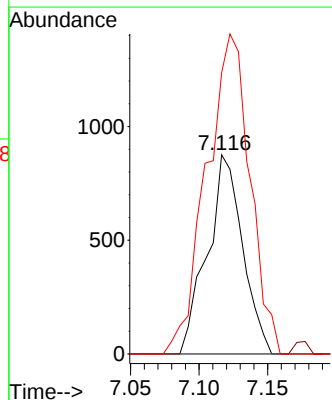
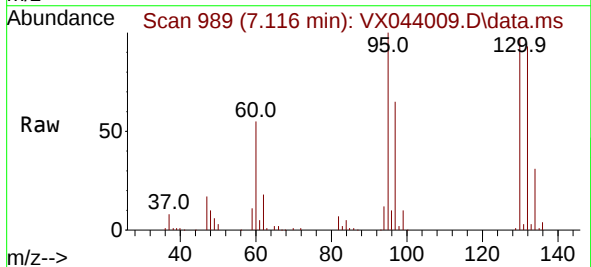
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03S-20241113

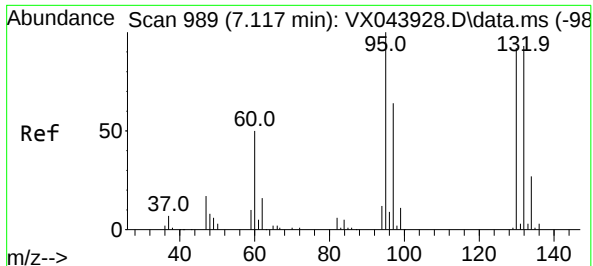
Tgt Ion:117 Resp: 13225
Ion Ratio Lower Upper
117 100
119 2.2 75.2 112.8#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 0.627 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.256 min
Lab File: VX044009.D
Acq: 26 Nov 2024 12:08

Tgt Ion: 83 Resp: 1568
Ion Ratio Lower Upper
83 100
55 0.0 63.1 94.7#
98 141.2 40.0 60.0#

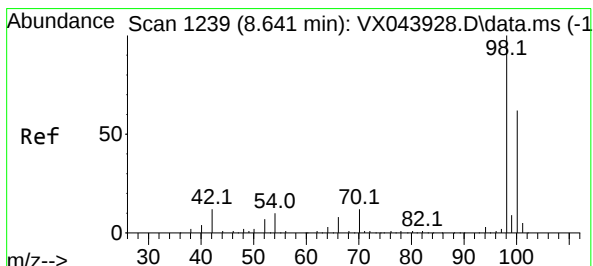
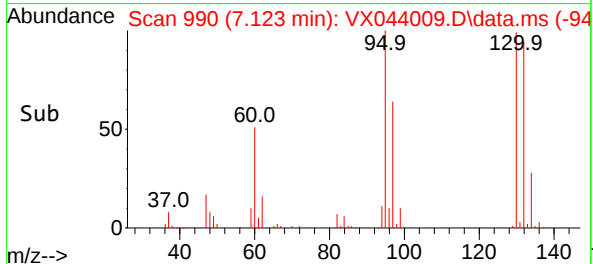
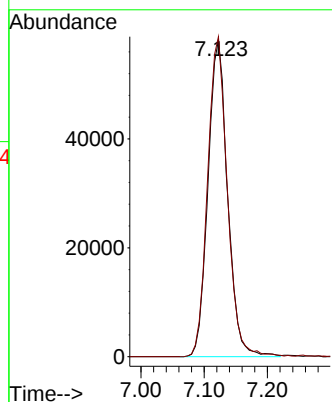
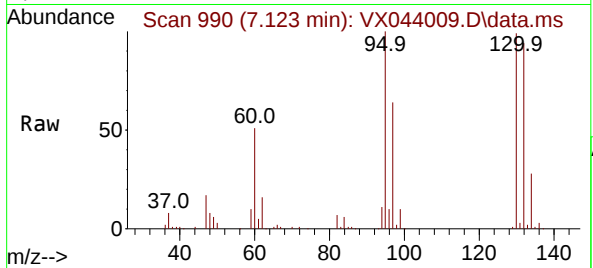




#44
Trichloroethene
Concen: 73.756 ug/l
RT: 7.123 min Scan# 94
Delta R.T. 0.006 min
Lab File: VX044009.D
Acq: 26 Nov 2024 12:08

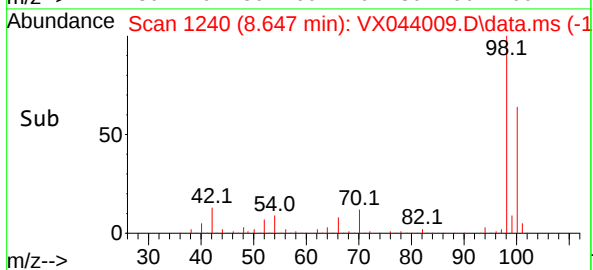
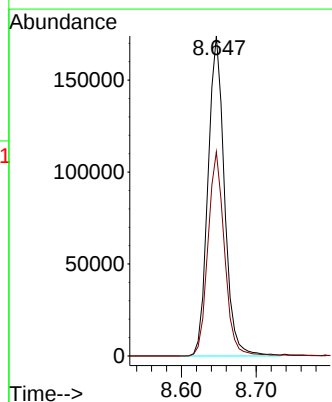
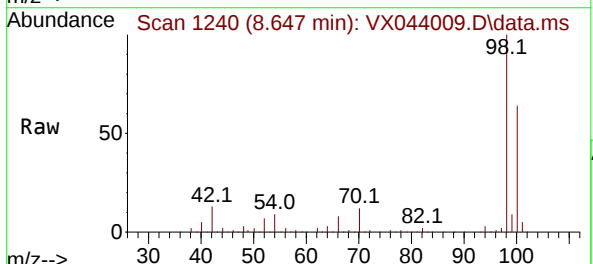
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03S-20241113

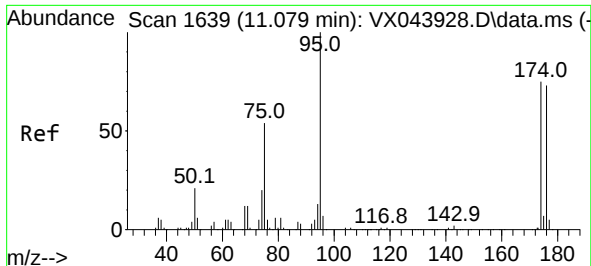
Tgt Ion:130 Resp: 125119
Ion Ratio Lower Upper
130 100
95 101.0 0.0 217.8



#50
Toluene-d8
Concen: 50.008 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044009.D
Acq: 26 Nov 2024 12:08

Tgt Ion: 98 Resp: 266127
Ion Ratio Lower Upper
98 100
100 64.2 52.6 79.0

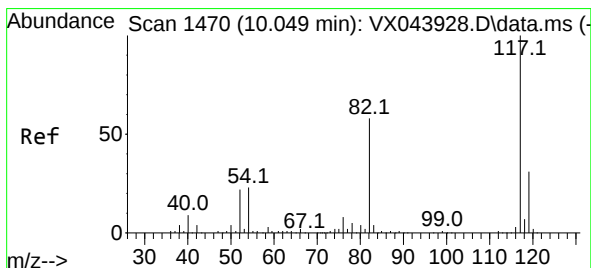
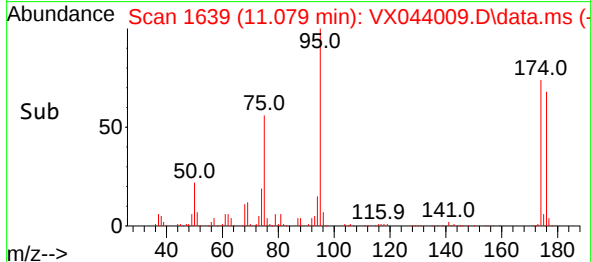
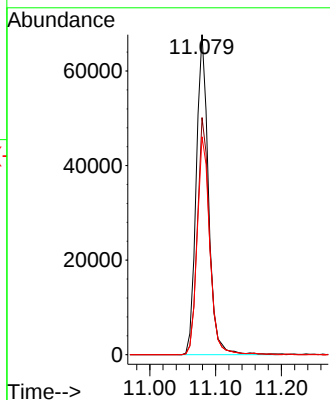
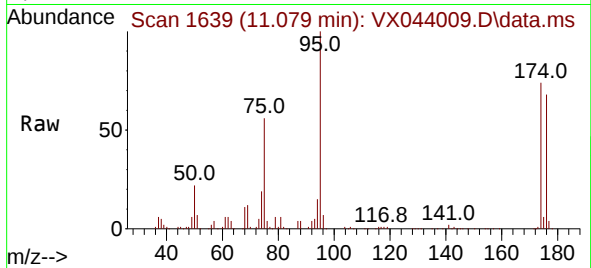




#62
4-Bromofluorobenzene
Concen: 48.063 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044009.D
Acq: 26 Nov 2024 12:08

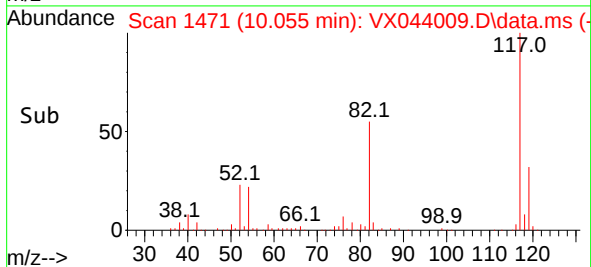
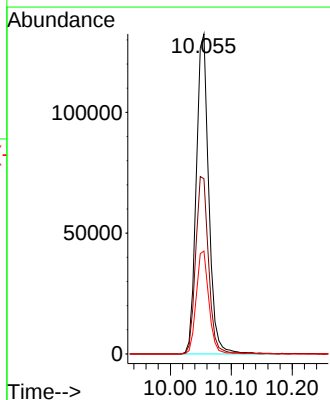
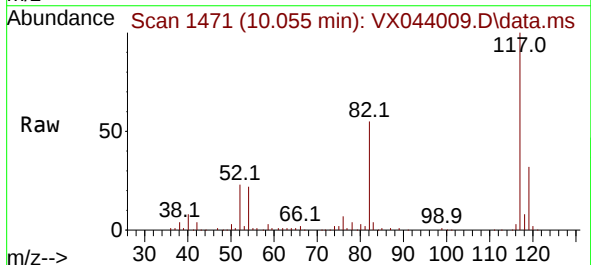
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03S-20241113

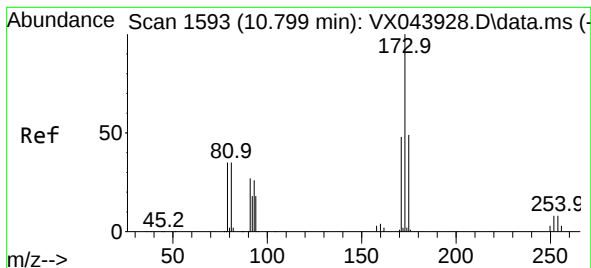
Tgt Ion: 95 Resp: 87048
Ion Ratio Lower Upper
95 100
174 73.6 0.0 150.4
176 70.5 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044009.D
Acq: 26 Nov 2024 12:08

Tgt Ion: 117 Resp: 188867
Ion Ratio Lower Upper
117 100
82 54.8 46.4 69.6
119 32.2 24.6 37.0





#71

Bromoform

Concen: 1.225 ug/l

RT: 10.811 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX044009.D

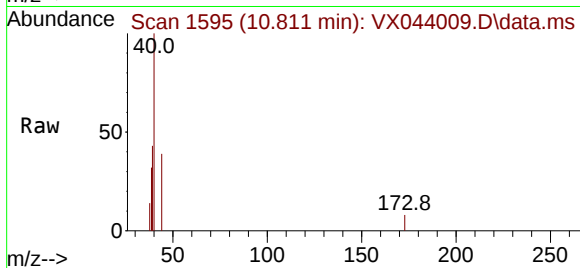
Acq: 26 Nov 2024 12:08

Instrument :

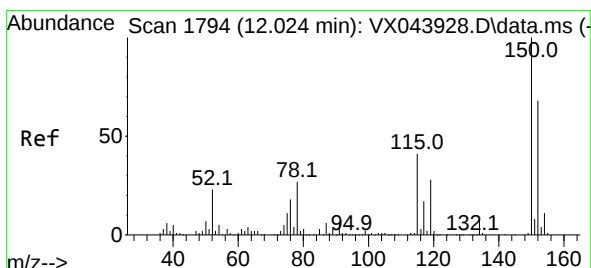
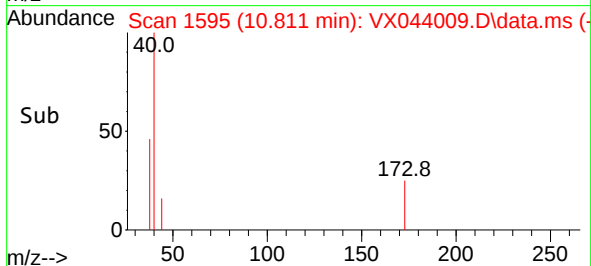
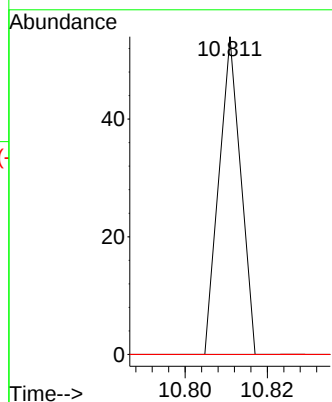
MSVOA_X

ClientSampleId :

FSND-MW-EVAL-03S-20241113



Tgt Ion:173	Resp:	20
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

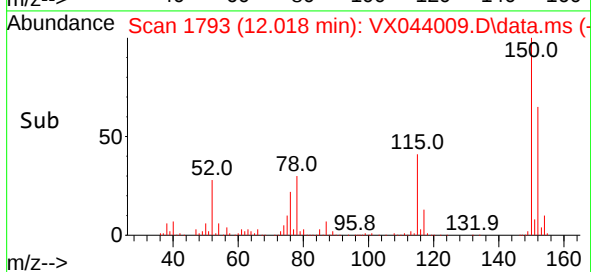
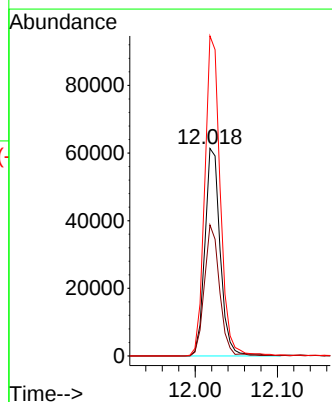
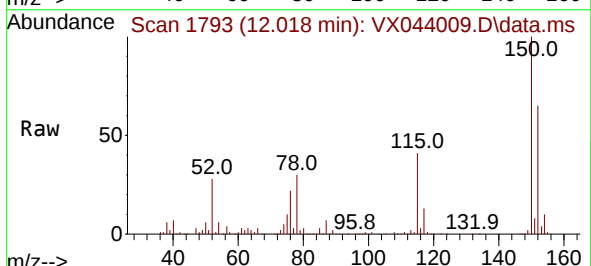
RT: 12.018 min Scan# 1793

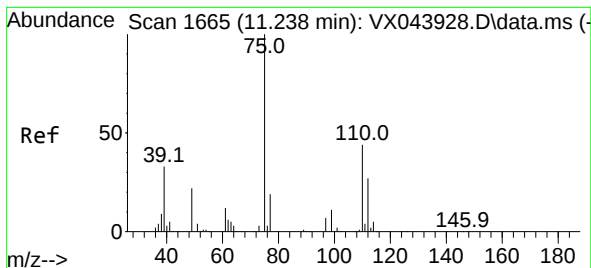
Delta R.T. -0.006 min

Lab File: VX044009.D

Acq: 26 Nov 2024 12:08

Tgt Ion:152	Resp:	79403
Ion Ratio	Lower	Upper
152	100	
115	62.4	45.4 136.2
150	156.2	0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 27.944 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044009.D

Acq: 26 Nov 2024 12:08

Instrument :

MSVOA_X

ClientSampleId :

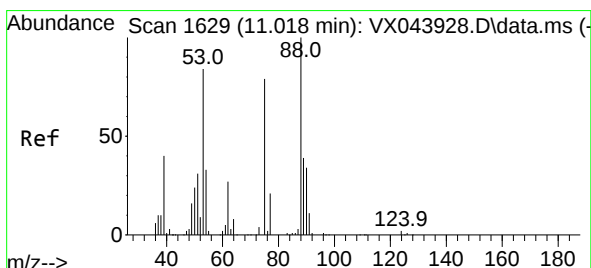
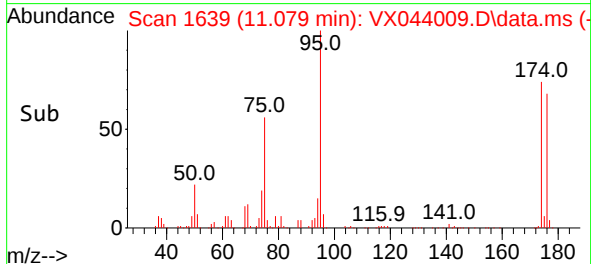
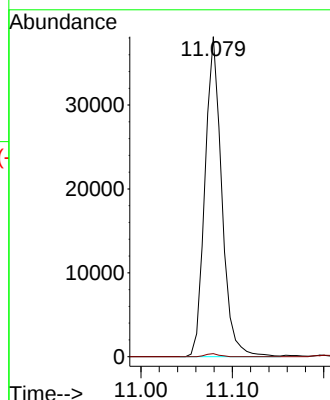
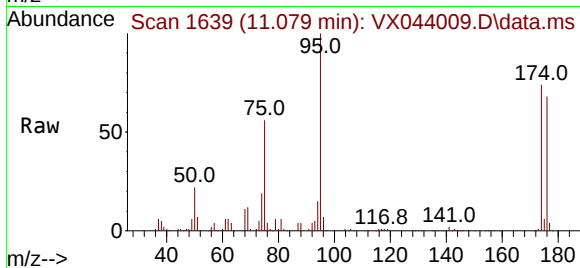
FSND-MW-EVAL-03S-20241113

Tgt Ion: 75 Resp: 48659

Ion Ratio Lower Upper

75 100

77 0.8 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.253 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044009.D

Acq: 26 Nov 2024 12:08

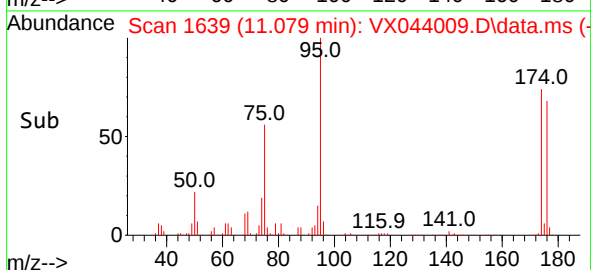
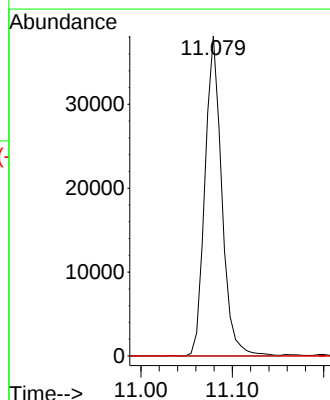
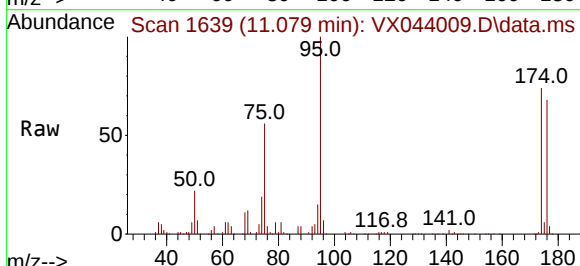
Tgt Ion: 75 Resp: 48659

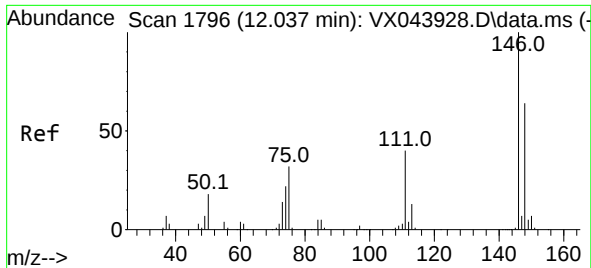
Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

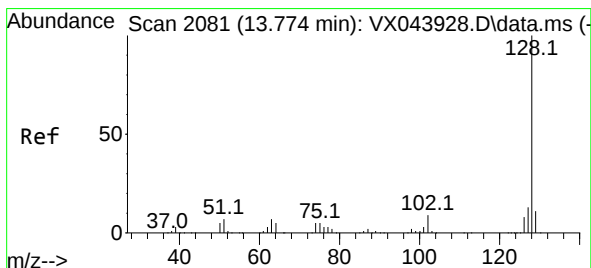
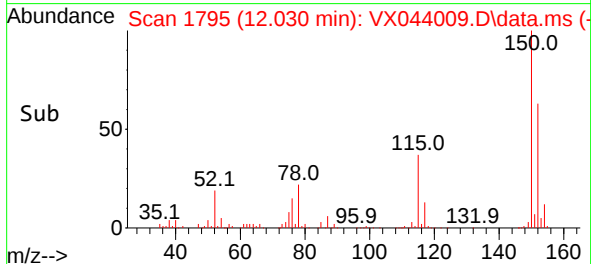
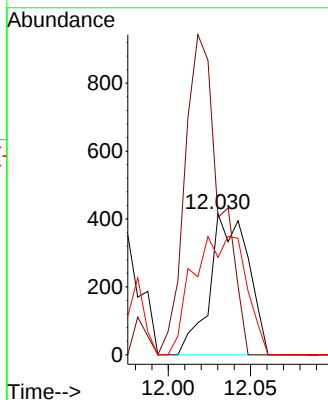
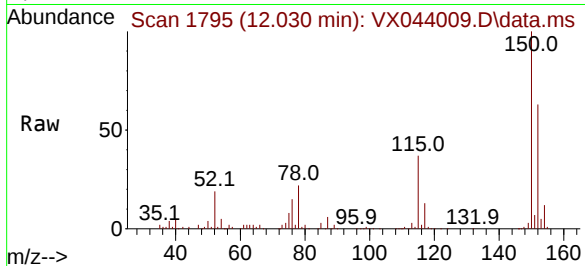




#88
1,4-Dichlorobenzene
Concen: 0.249 ug/l
RT: 12.030 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044009.D
Acq: 26 Nov 2024 12:08

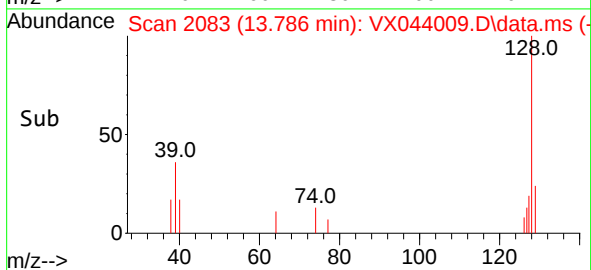
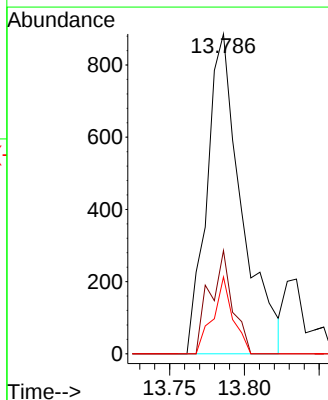
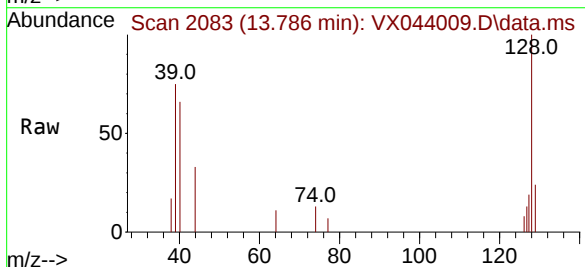
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03S-20241113

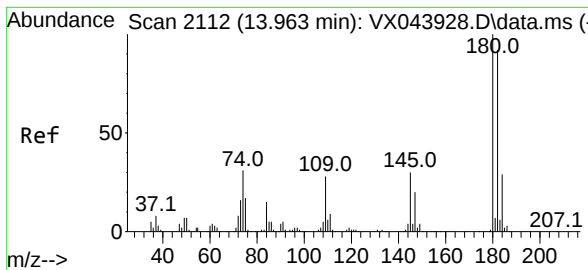
Tgt Ion:146 Resp: 673
Ion Ratio Lower Upper
146 100
111 208.5 20.1 60.3#
148 116.3 30.9 92.8#



#95
Naphthalene
Concen: 0.252 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX044009.D
Acq: 26 Nov 2024 12:08

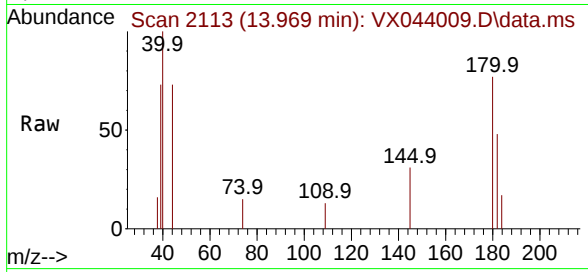
Tgt Ion:128 Resp: 1430
Ion Ratio Lower Upper
128 100
127 21.2 10.2 15.2#
129 13.8 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.308 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX044009.D
 Acq: 26 Nov 2024 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-EVAL-03S-20241113



Tgt Ion:	180	Resp:	492
Ion	Ratio	Lower	Upper
180	100		
182	59.8	45.6	136.8
145	33.1	16.4	49.4

