

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112624\
 Data File : VX044010.D
 Acq On : 26 Nov 2024 12:31
 Operator : JC/MD
 Sample : P4846-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 27 00:50:56 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)

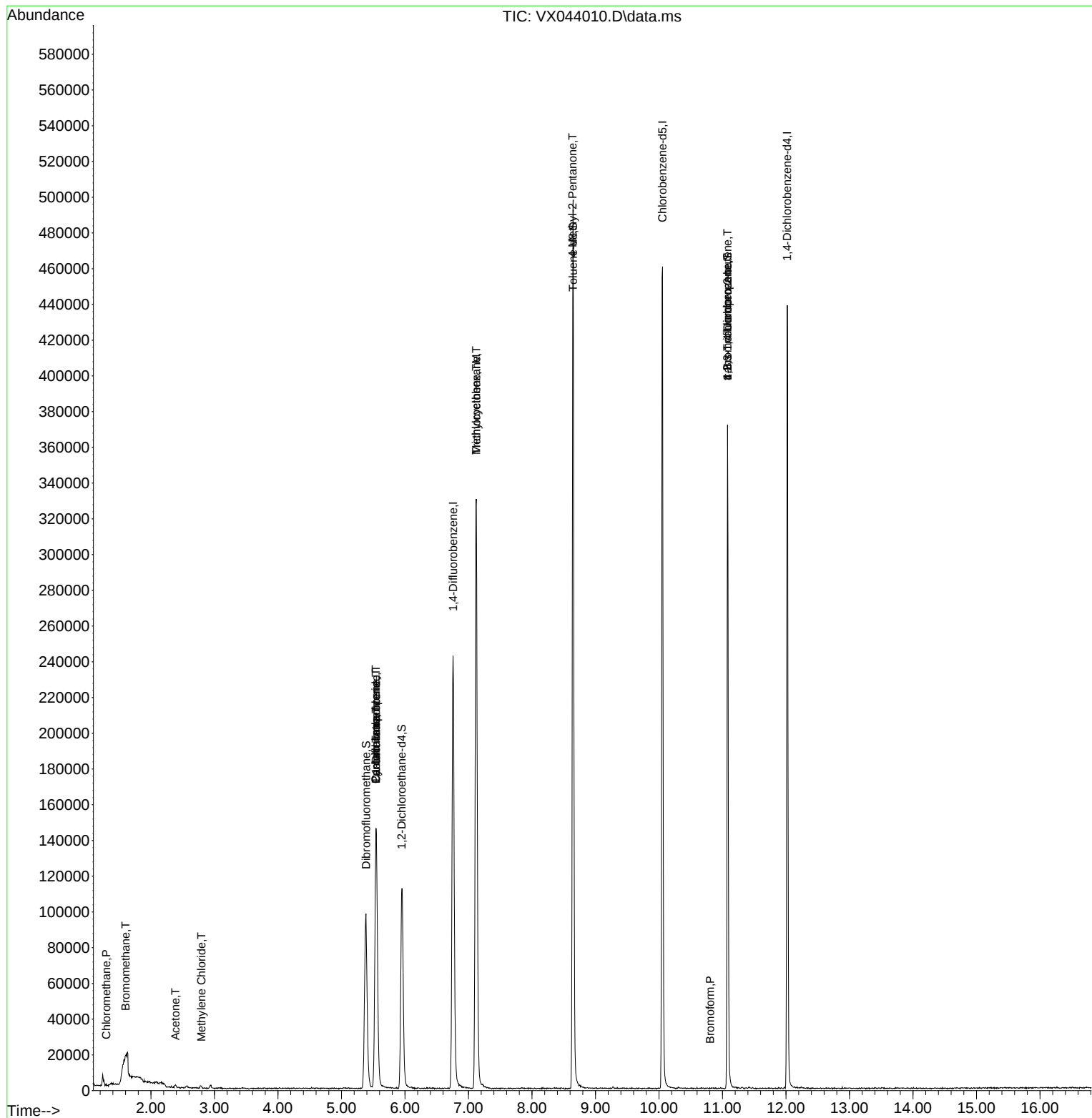
Internal Standards						
1) Pentafluorobenzene	5.544	168	127894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	241817	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	110550	50.397	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.800%	
35) Dibromofluoromethane	5.385	113	81222	47.006	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.020%	
50) Toluene-d8	8.647	98	290570	48.784	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.560%	
62) 4-Bromofluorobenzene	11.079	95	92637	45.700	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 91.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	365	0.214	ug/l	90
5) Bromomethane	1.599	94	391	0.350	ug/l #	79
16) Acetone	2.386	43	1583	1.571	ug/l #	79
20) Methylene Chloride	2.794	84	495	0.290	ug/l #	81
31) Cyclohexane	5.544	56	3835	1.569	ug/l #	39
36) 1,1-Dichloropropene	5.544	75	12301	5.713	ug/l #	49
38) Carbon Tetrachloride	5.544	117	14197	5.868	ug/l #	17
39) Methylcyclohexane	7.123	83	1928	0.689	ug/l #	1
44) Trichloroethene	7.123	130	124313	65.474	ug/l	94
51) 4-Methyl-2-Pentanone	8.641	43	1644	0.633	ug/l #	1
71) Bromoform	10.805	173	23	1.226	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	52800	28.566	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	52800	77.950	ug/l #	7

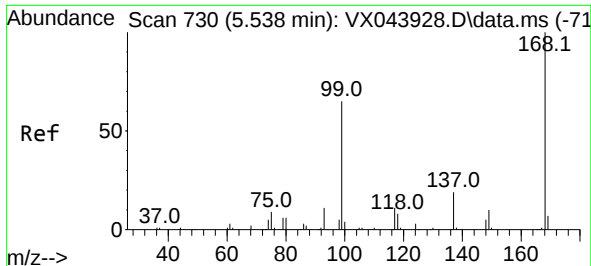
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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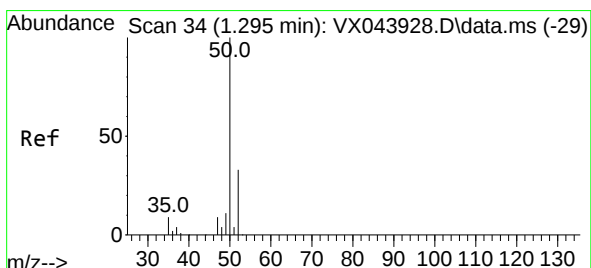
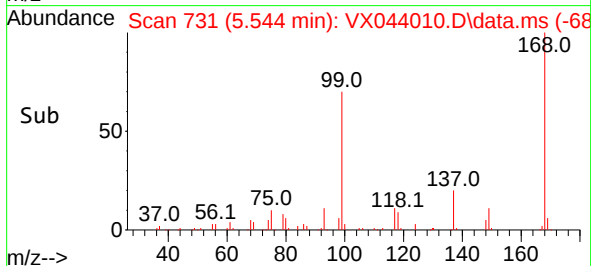
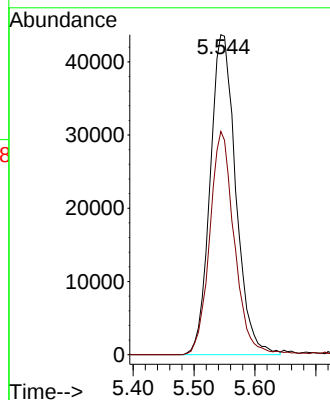
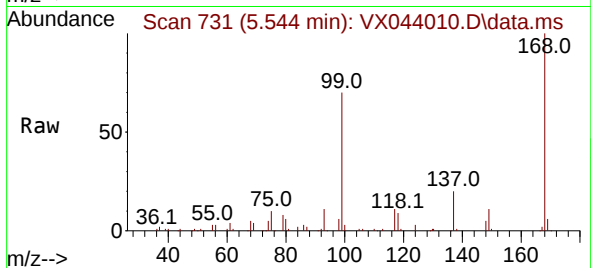




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044010.D
Acq: 26 Nov 2024 12:31

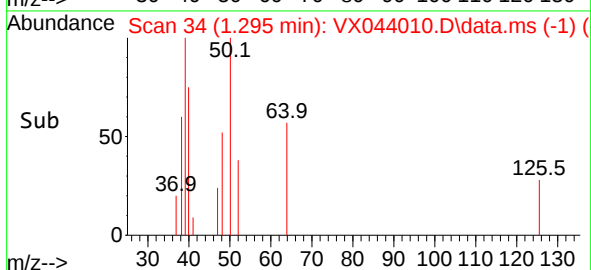
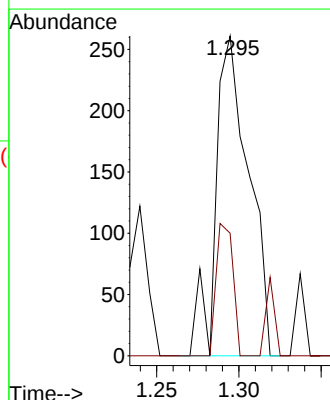
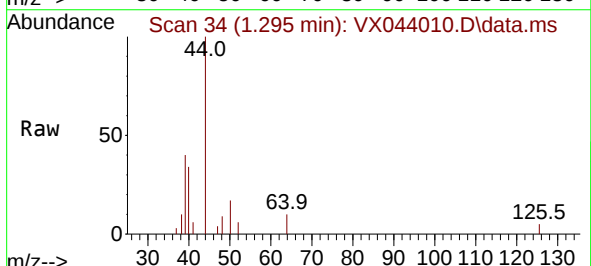
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-3-20241113

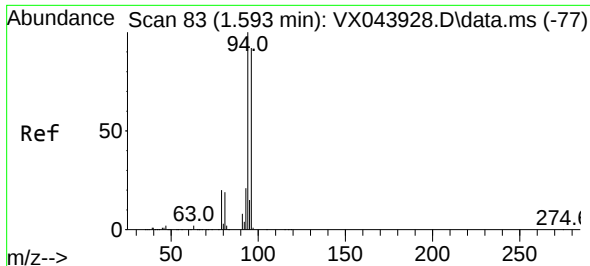
Tgt Ion:168 Resp: 127894
Ion Ratio Lower Upper
168 100
99 69.7 51.8 77.8



#3
Chloromethane
Concen: 0.214 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044010.D
Acq: 26 Nov 2024 12:31

Tgt Ion: 50 Resp: 365
Ion Ratio Lower Upper
50 100
52 38.3 26.1 39.1

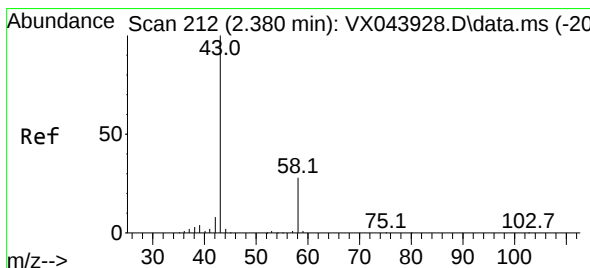
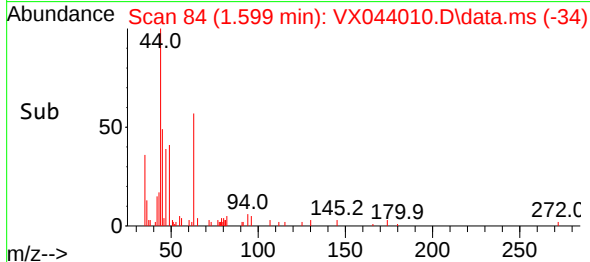
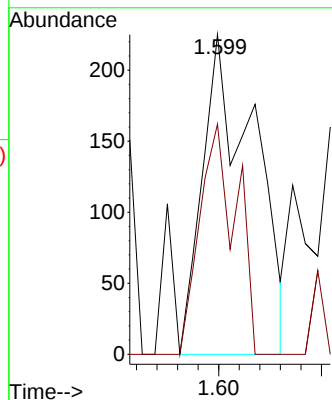
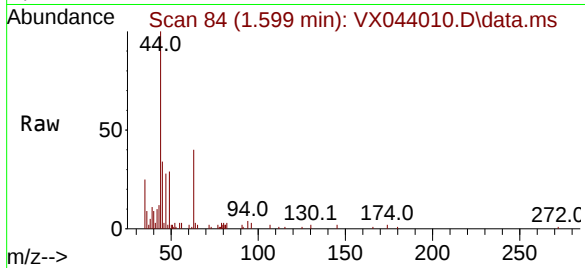




#5
Bromomethane
Concen: 0.350 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044010.D
Acq: 26 Nov 2024 12:31

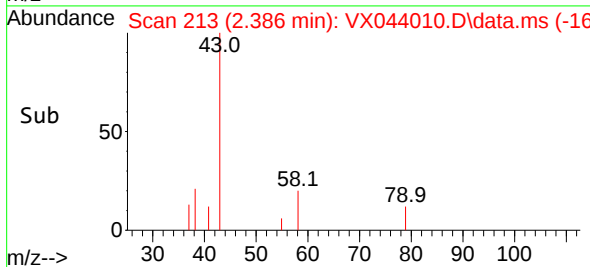
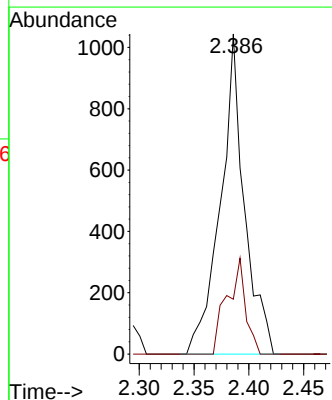
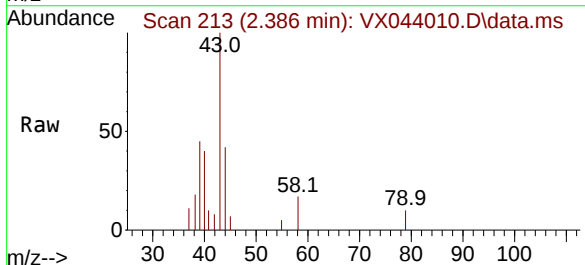
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-3-20241113

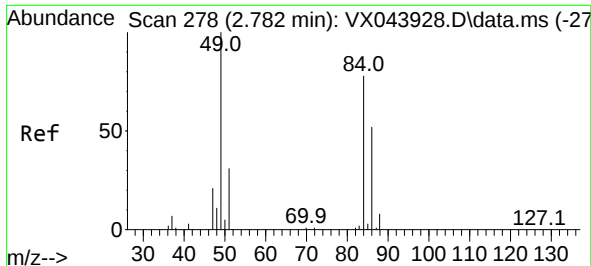
Tgt Ion: 94 Resp: 391
Ion Ratio Lower Upper
94 100
96 72.0 73.9 110.9#



#16
Acetone
Concen: 1.571 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044010.D
Acq: 26 Nov 2024 12:31

Tgt Ion: 43 Resp: 1583
Ion Ratio Lower Upper
43 100
58 17.1 22.7 34.1#

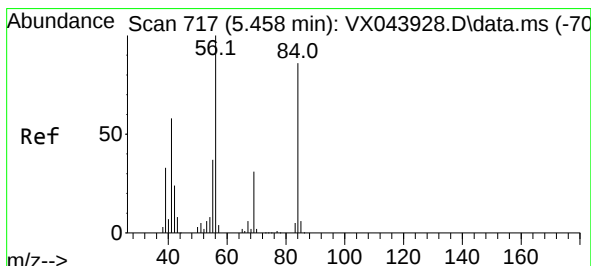
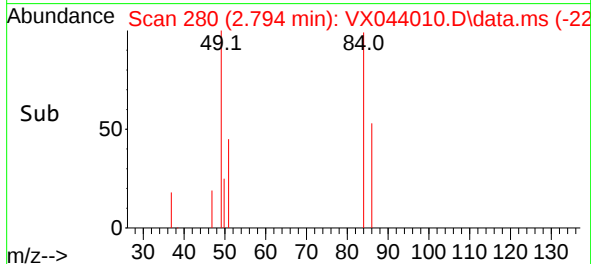
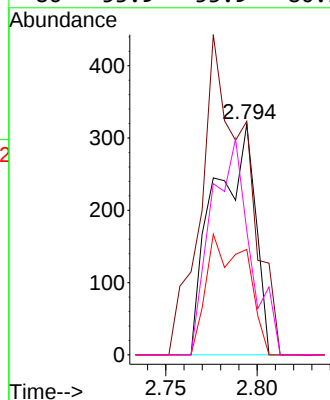
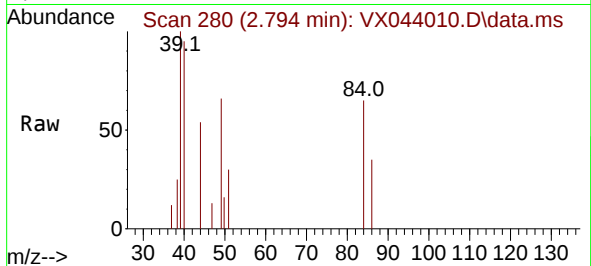




#20
Methylene Chloride
Concen: 0.290 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX044010.D
Acq: 26 Nov 2024 12:31

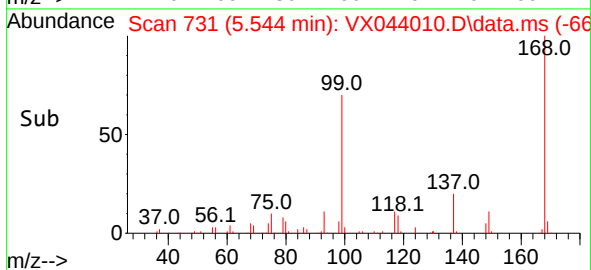
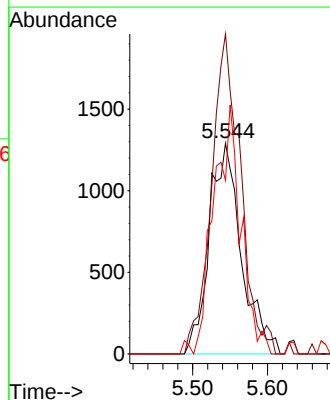
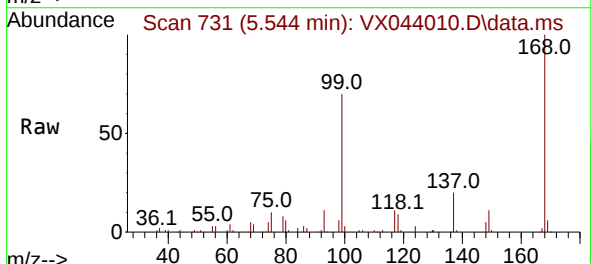
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-3-20241113

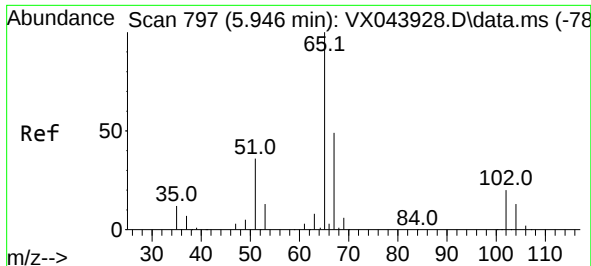
Tgt Ion:	84	Resp:	495
Ion	Ratio	Lower	Upper
84	100		
49	101.3	102.7	154.1#
51	45.8	31.7	47.5
86	53.9	53.9	80.9#



#31
Cyclohexane
Concen: 1.569 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX044010.D
Acq: 26 Nov 2024 12:31

Tgt Ion:	56	Resp:	3835
Ion	Ratio	Lower	Upper
56	100		
69	151.9	24.7	37.1#
84	82.4	68.7	103.1

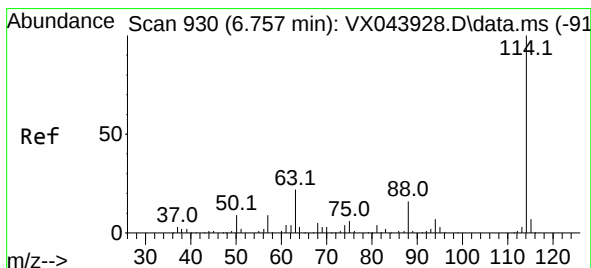
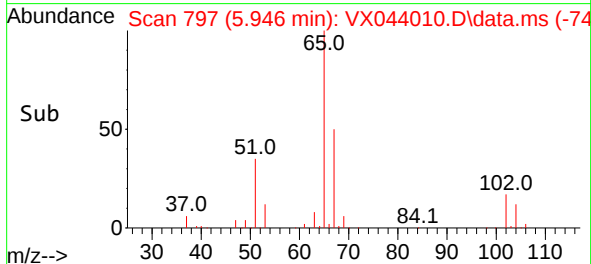
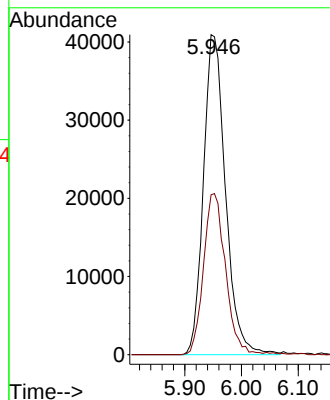
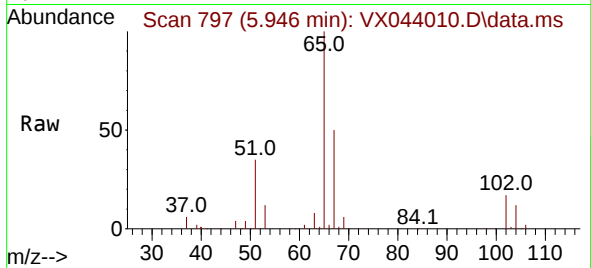




#33
 1,2-Dichloroethane-d4
 Concen: 50.397 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. 0.000 min
 Lab File: VX044010.D
 Acq: 26 Nov 2024 12:31

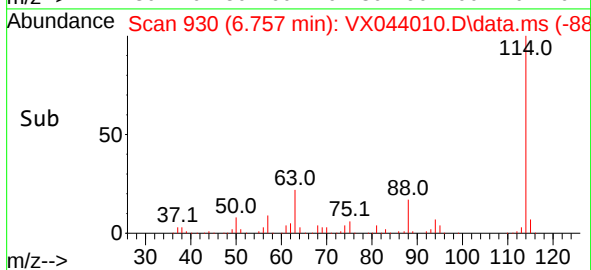
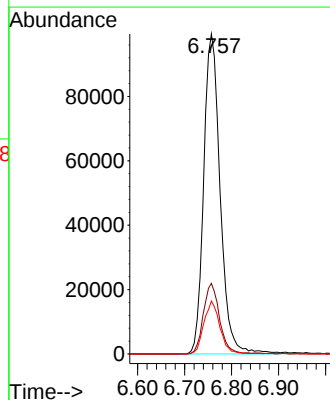
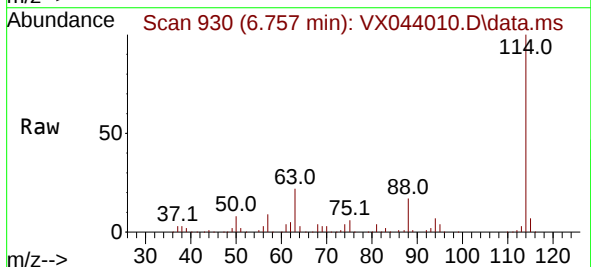
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-FD-3-20241113

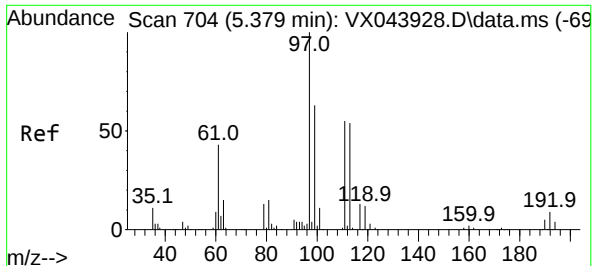
Tgt Ion: 65 Resp: 110550
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044010.D
 Acq: 26 Nov 2024 12:31

Tgt Ion: 114 Resp: 241817
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.0
 88 16.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 47.006 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044010.D

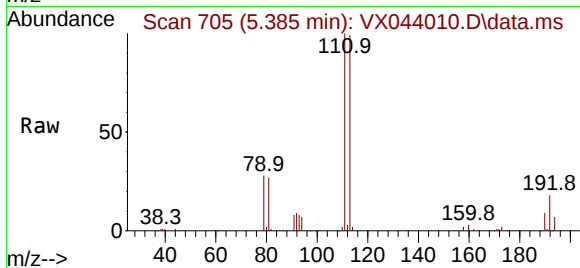
Acq: 26 Nov 2024 12:31

Instrument :

MSVOA_X

ClientSampleId :

FSND-FD-3-20241113



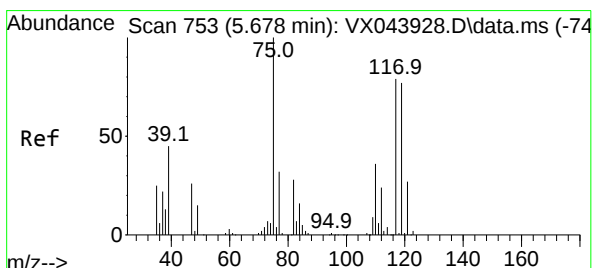
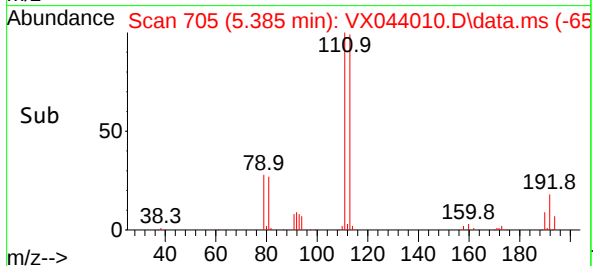
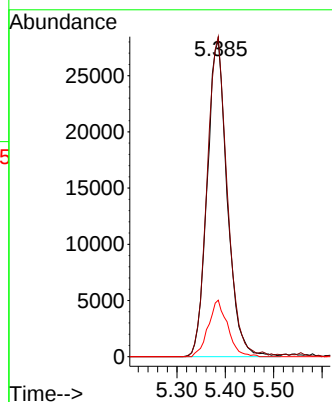
Tgt Ion:113 Resp: 81222

Ion Ratio Lower Upper

113 100

111 102.1 81.0 121.4

192 17.3 13.0 19.6



#36

1,1-Dichloropropene

Concen: 5.713 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX044010.D

Acq: 26 Nov 2024 12:31

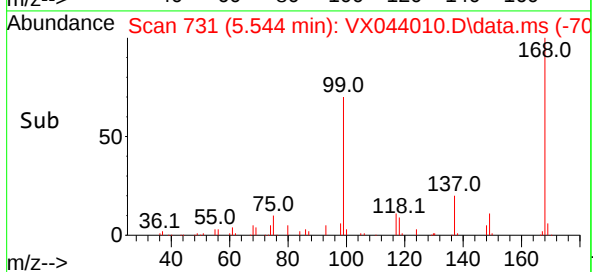
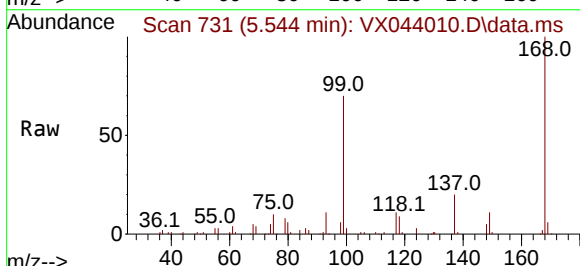
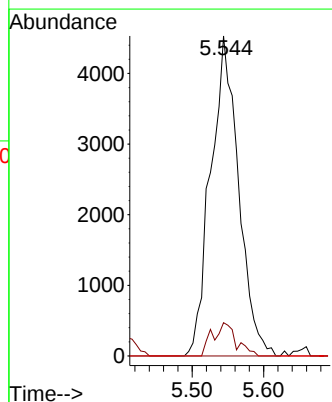
Tgt Ion: 75 Resp: 12301

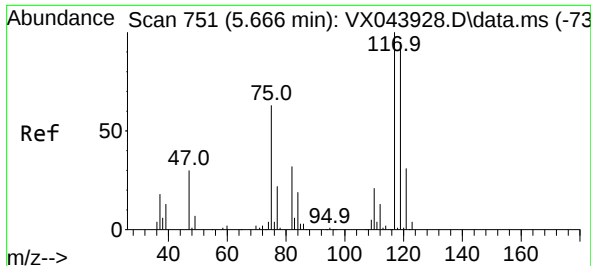
Ion Ratio Lower Upper

75 100

110 8.8 17.4 52.2#

77 0.0 25.8 38.8#

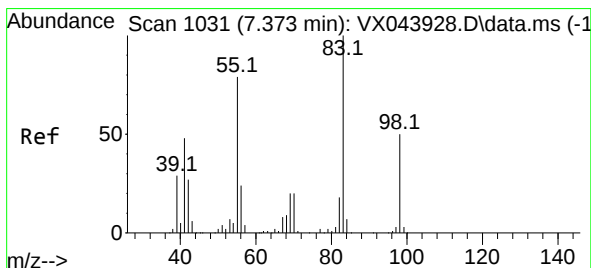
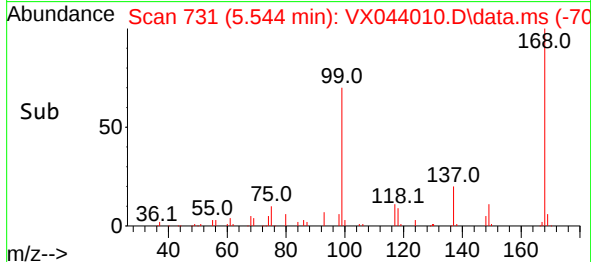
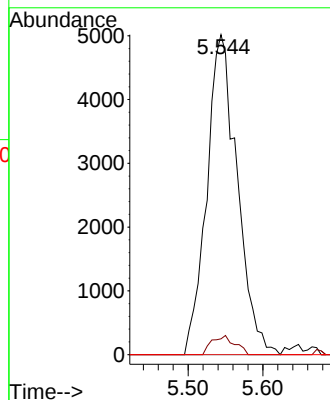
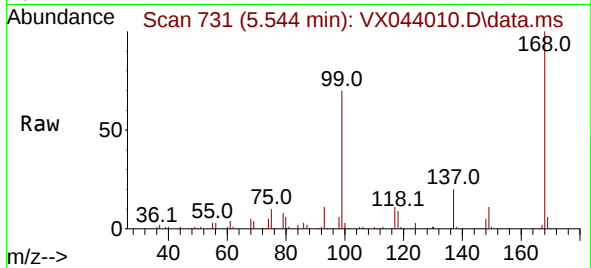




#38
Carbon Tetrachloride
Concen: 5.868 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044010.D
Acq: 26 Nov 2024 12:31

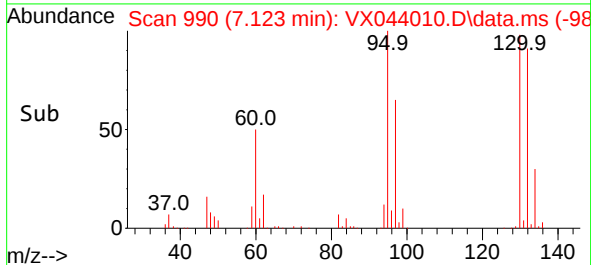
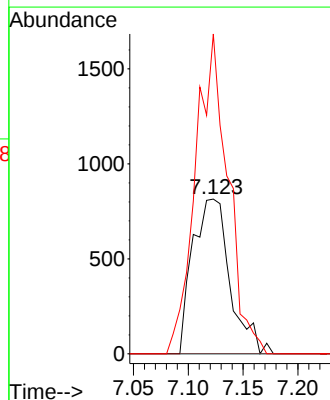
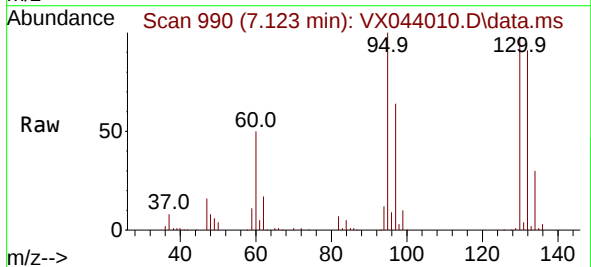
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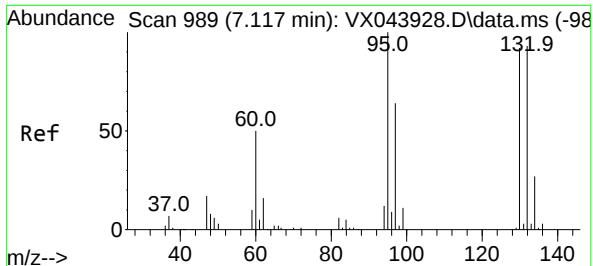
Tgt Ion:117 Resp: 14197
Ion Ratio Lower Upper
117 100
119 4.9 75.2 112.8#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 0.689 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.250 min
Lab File: VX044010.D
Acq: 26 Nov 2024 12:31

Tgt Ion: 83 Resp: 1928
Ion Ratio Lower Upper
83 100
55 0.0 63.1 94.7#
98 197.7 40.0 60.0#

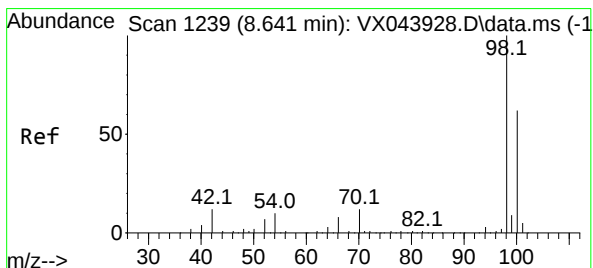
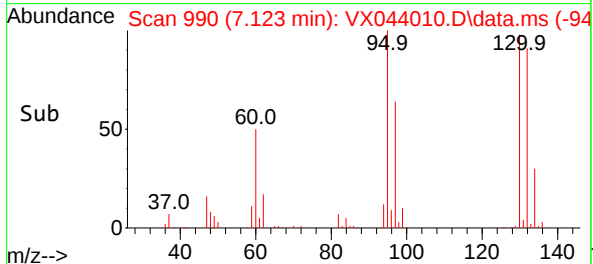
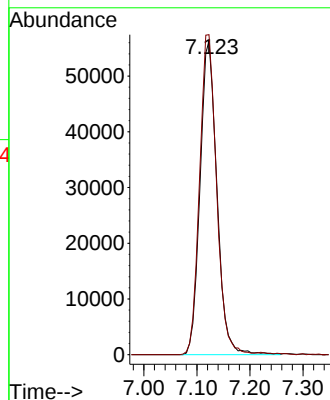
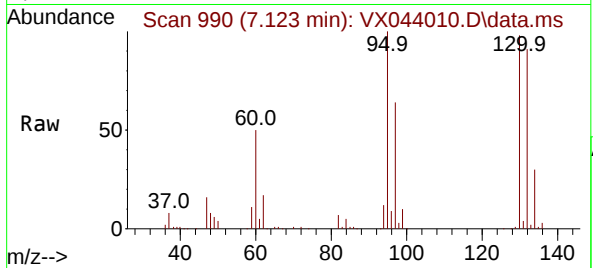




#44
Trichloroethene
Concen: 65.474 ug/l
RT: 7.123 min Scan# 94
Delta R.T. 0.006 min
Lab File: VX044010.D
Acq: 26 Nov 2024 12:31

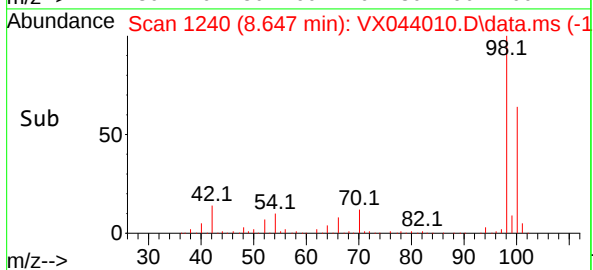
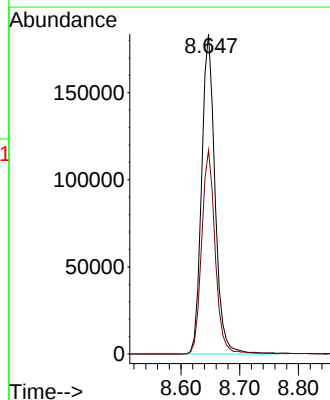
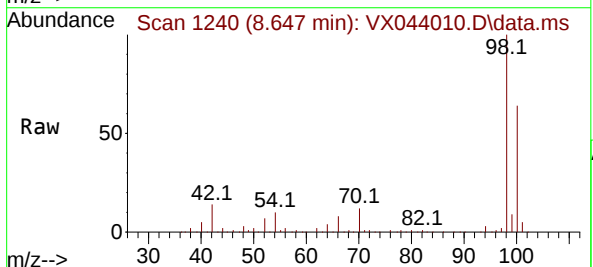
Instrument :
MSVOA_X
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FSND-FD-3-20241113

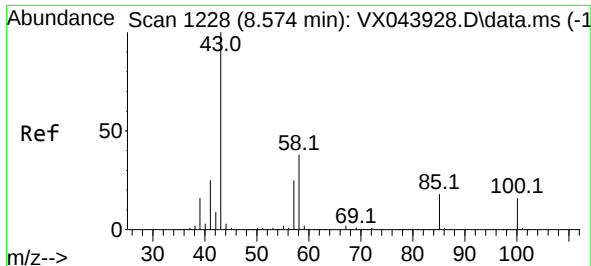
Tgt Ion:130 Resp: 124313
Ion Ratio Lower Upper
130 100
95 102.1 0.0 217.8



#50
Toluene-d8
Concen: 48.784 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044010.D
Acq: 26 Nov 2024 12:31

Tgt Ion: 98 Resp: 290570
Ion Ratio Lower Upper
98 100
100 64.3 52.6 79.0

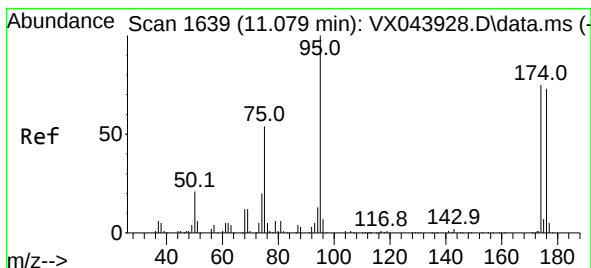
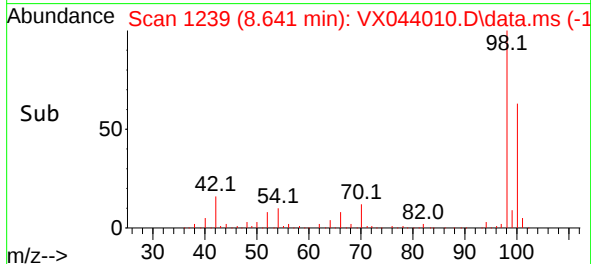
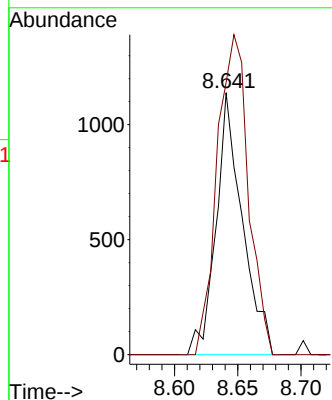
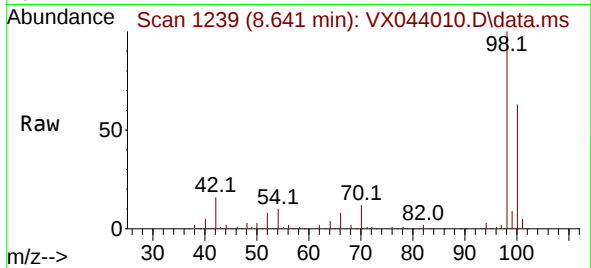




#51
4-Methyl-2-Pentanone
Concen: 0.633 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.067 min
Lab File: VX044010.D
Acq: 26 Nov 2024 12:31

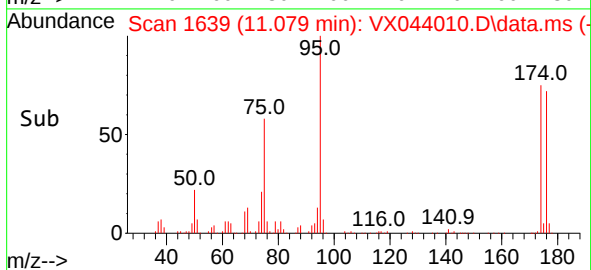
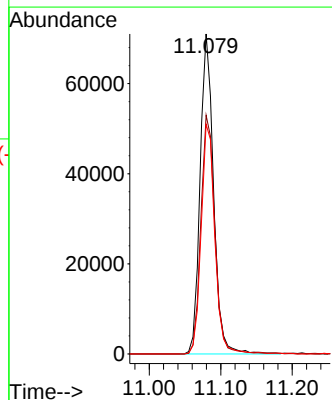
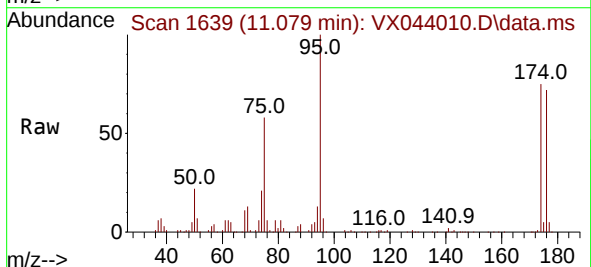
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-3-20241113

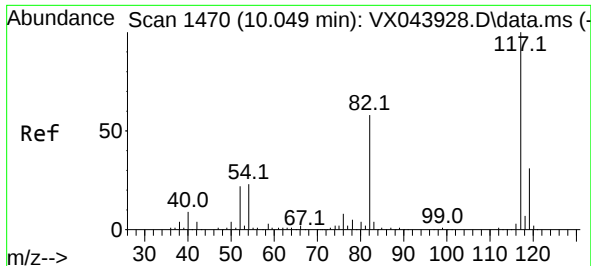
Tgt Ion: 43 Resp: 1644
Ion Ratio Lower Upper
43 100
58 145.5 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 45.700 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044010.D
Acq: 26 Nov 2024 12:31

Tgt Ion: 95 Resp: 92637
Ion Ratio Lower Upper
95 100
174 77.5 0.0 150.4
176 73.2 0.0 146.0

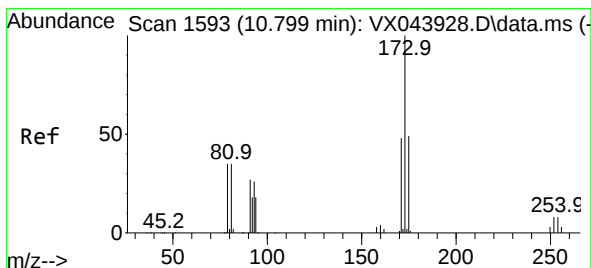
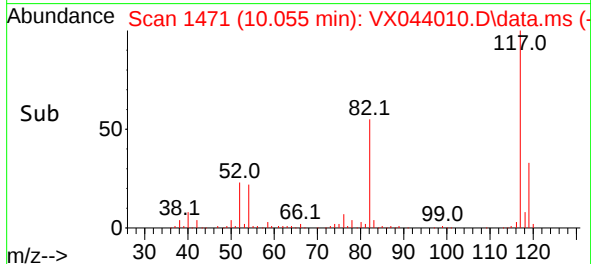
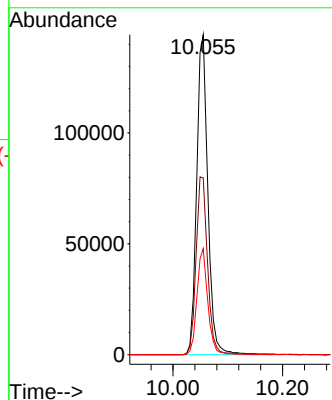
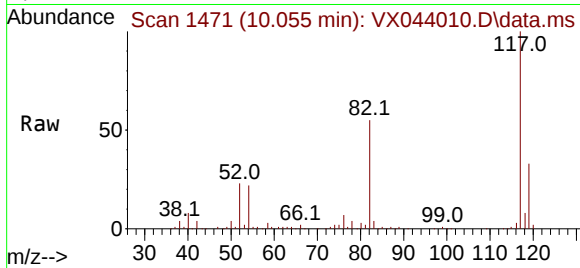




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044010.D
Acq: 26 Nov 2024 12:31

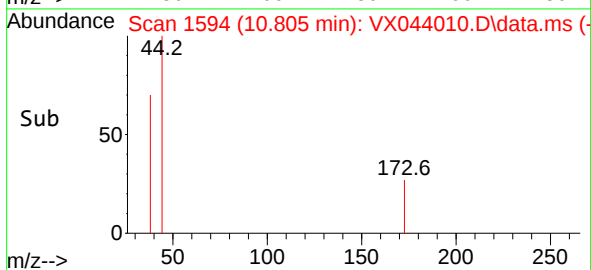
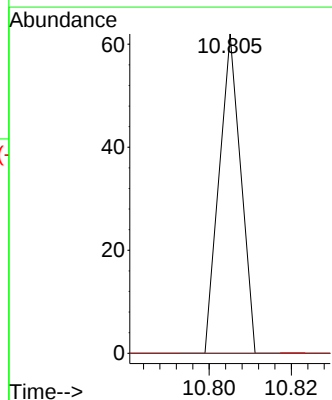
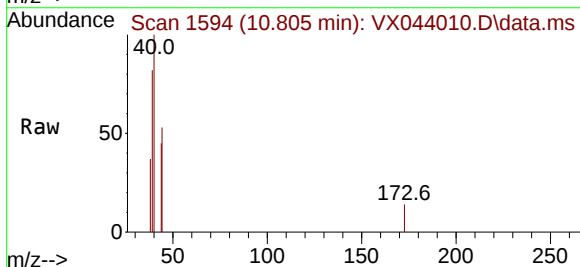
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-3-20241113

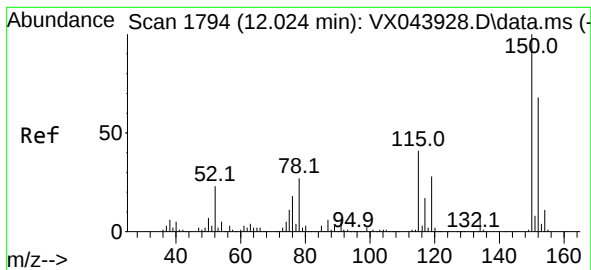
Tgt Ion:117 Resp: 205384
Ion Ratio Lower Upper
117 100
82 55.2 46.4 69.6
119 33.2 24.6 37.0



#71
Bromoform
Concen: 1.226 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX044010.D
Acq: 26 Nov 2024 12:31

Tgt Ion:173 Resp: 23
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# 11

Delta R.T. -0.006 min

Lab File: VX044010.D

Acq: 26 Nov 2024 12:31

Instrument :

MSVOA_X

ClientSampleId :

FSND-FD-3-20241113

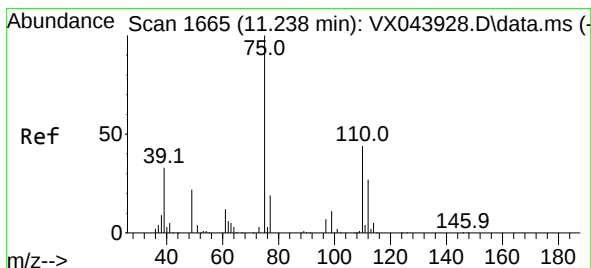
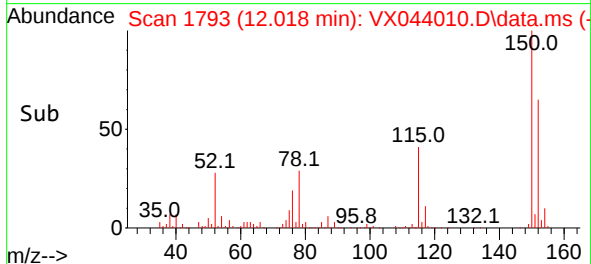
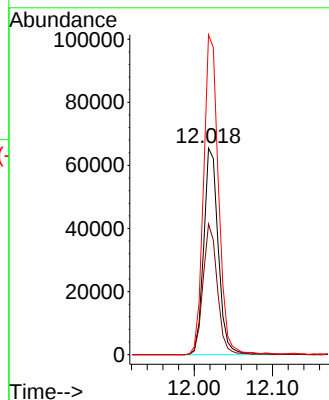
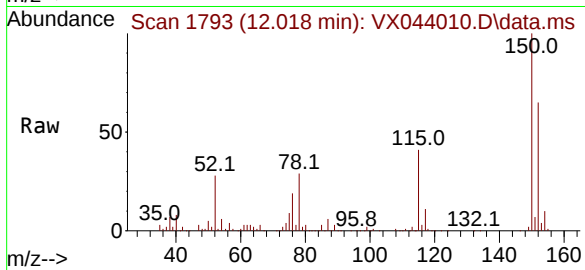
Tgt Ion:152 Resp: 84284

Ion Ratio Lower Upper

152 100

115 62.4 45.4 136.2

150 158.5 0.0 353.0



#76

1,2,3-Trichloropropane

Concen: 28.566 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044010.D

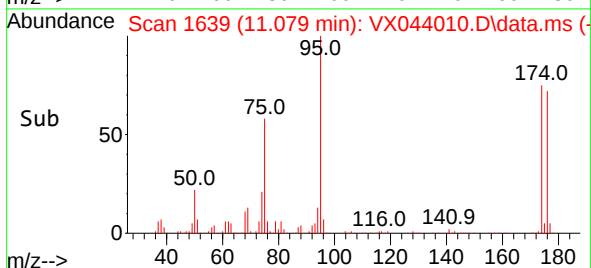
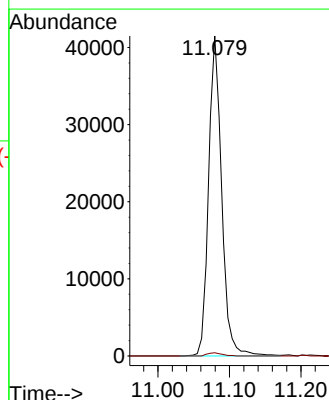
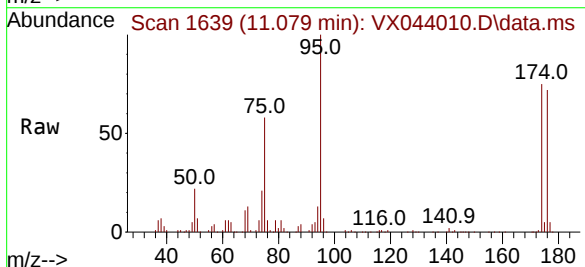
Acq: 26 Nov 2024 12:31

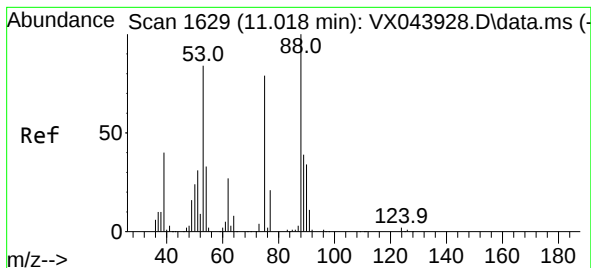
Tgt Ion: 75 Resp: 52800

Ion Ratio Lower Upper

75 100

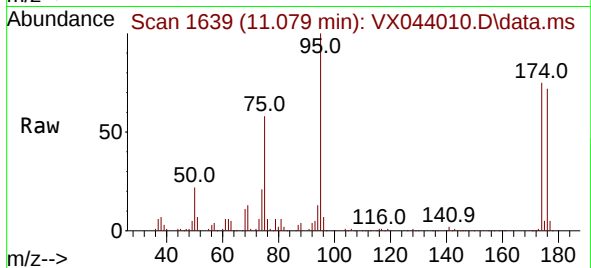
77 1.1 21.8 65.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.950 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044010.D
 Acq: 26 Nov 2024 12:31

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



Tgt Ion: 75 Resp: 52800
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.7 130.1#
 89 0.0 38.2 57.2#

