

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032368.D
 Acq On : 25 Oct 2022 16:46
 Operator : JC/MD
 Sample : N5249-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-31-20221019

Quant Time: Oct 27 14:17:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

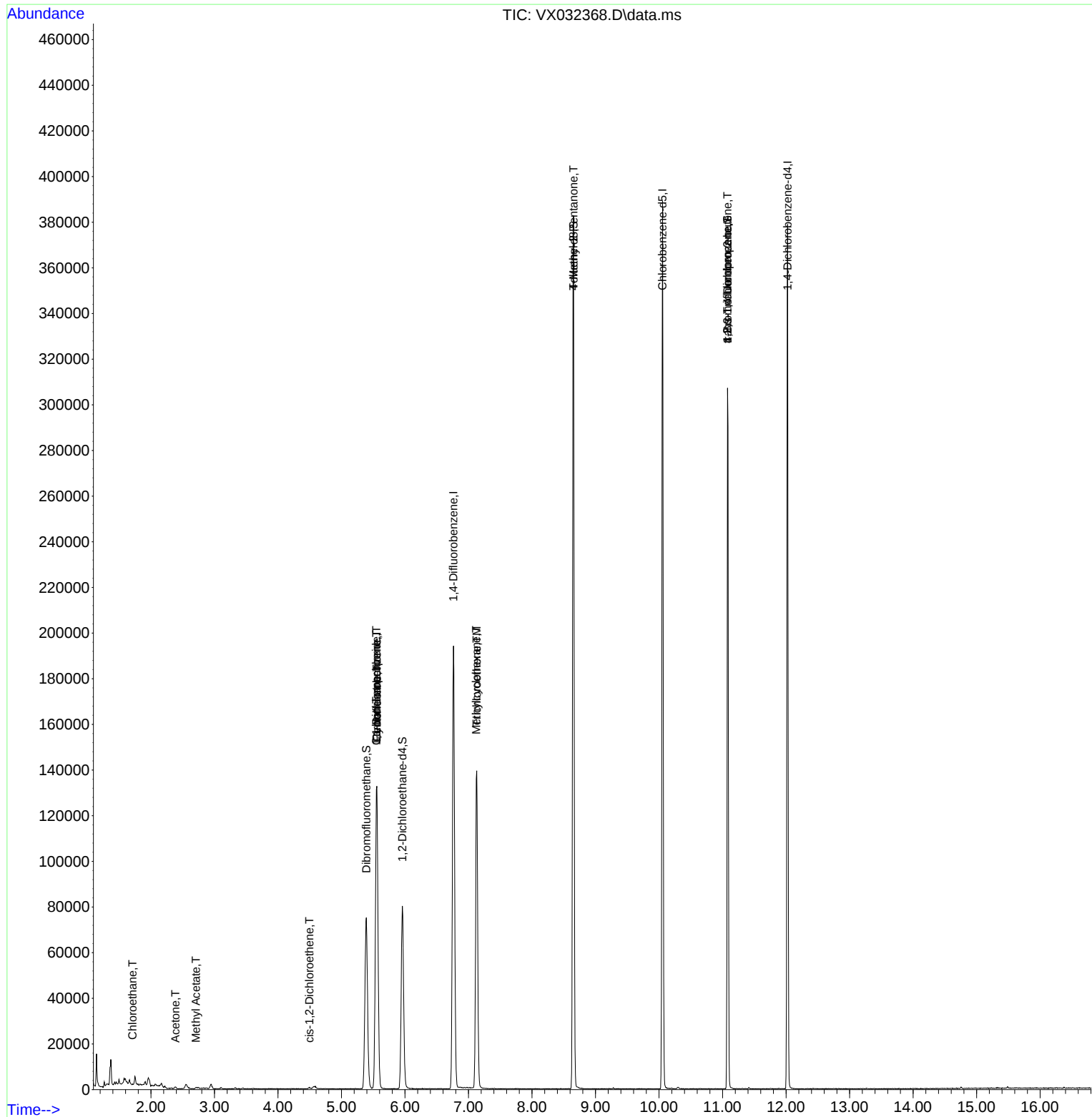
Internal Standards						
1) Pentafluorobenzene	5.556	168	126328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197613	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79743	48.523	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.040%
35) Dibromofluoromethane	5.391	113	63363	46.078	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	8.653	98	232090	46.887	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.780%
62) 4-Bromofluorobenzene	11.079	95	76843	42.393	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	50	Below Cal	#	44
6) Chloroethane	1.709	64	107	2.035	ug/l #	41
11) Tert butyl alcohol	2.953	59	1224	Below Cal	#	74
16) Acetone	2.386	43	949	1.779	ug/l #	85
18) Methyl Acetate	2.709	43	378	0.209	ug/l #	50
27) cis-1,2-Dichloroethene	4.495	96	440	0.306	ug/l	80
31) Cyclohexane	5.556	56	2707	1.441	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9664	5.463	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13196	7.067	ug/l #	16
39) Methylcyclohexane	7.123	83	607	0.287	ug/l #	1
44) Trichloroethene	7.129	130	54265	38.437	ug/l	100
51) 4-Methyl-2-Pentanone	8.653	43	1141	0.670	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42819	28.178	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	42819	86.398	ug/l #	6

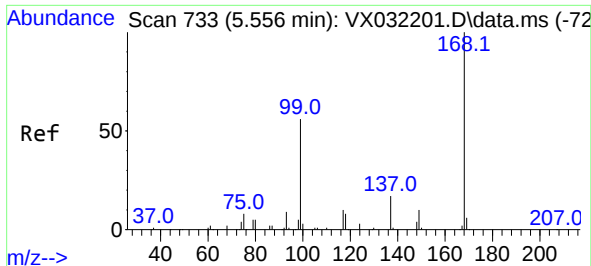
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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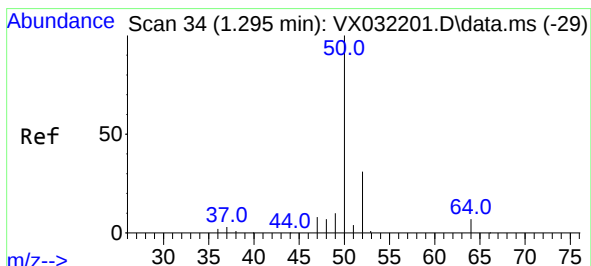
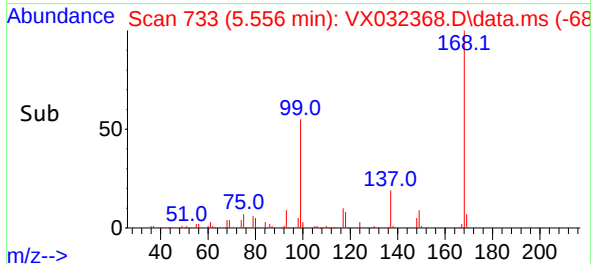
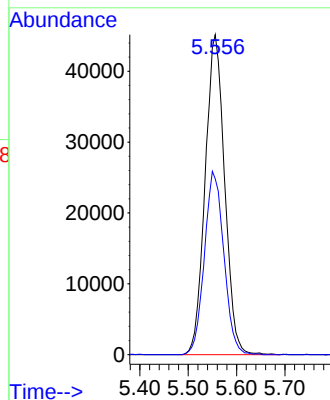
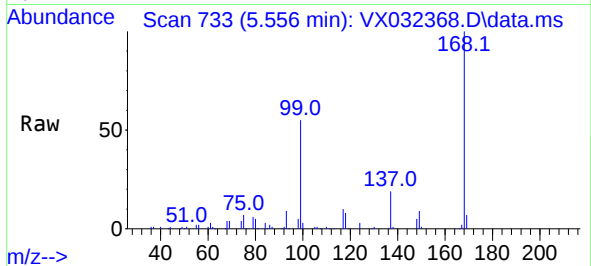




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032368.D
Acq: 25 Oct 2022 16:46

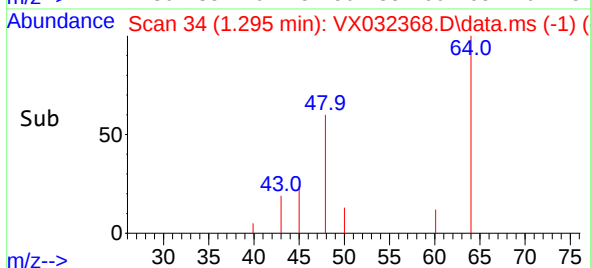
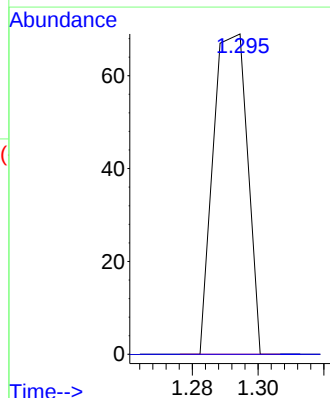
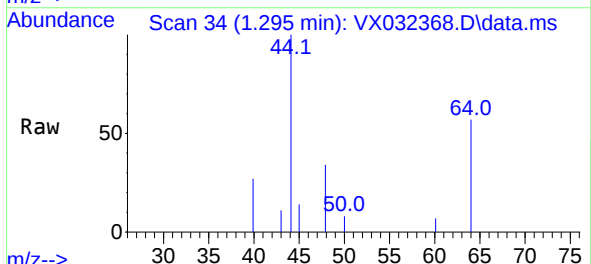
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-31-20221019

Tgt Ion:168 Resp: 126328
Ion Ratio Lower Upper
168 100
99 55.0 44.8 67.2

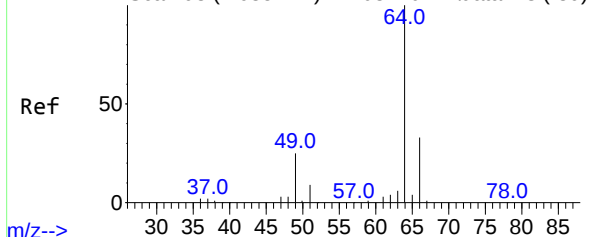


#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032368.D
Acq: 25 Oct 2022 16:46

Tgt Ion: 50 Resp: 50
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



Abundance Scan 98 (1.685 min): VX032201.D\data.ms (-89)

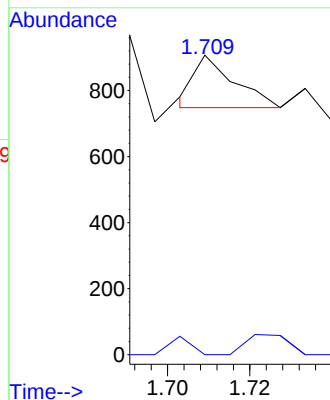
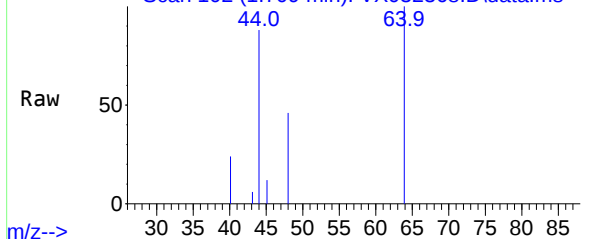


#6
Chloroethane
Concen: 2.035 ug/l
RT: 1.709 min Scan# 107
Delta R.T. 0.024 min
Lab File: VX032368.D
Acq: 25 Oct 2022 16:46

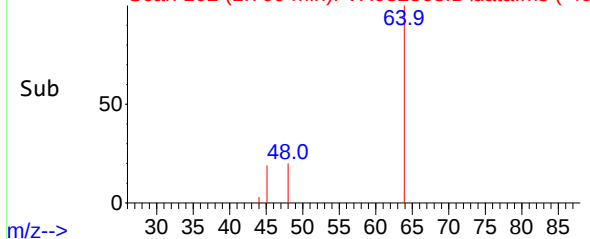
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-31-20221019

Tgt Ion: 64 Resp: 107
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#

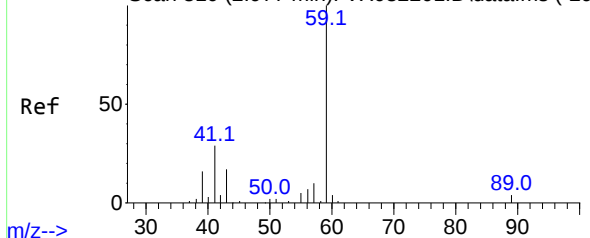
Abundance Scan 102 (1.709 min): VX032368.D\data.ms



Abundance Scan 102 (1.709 min): VX032368.D\data.ms (-49)



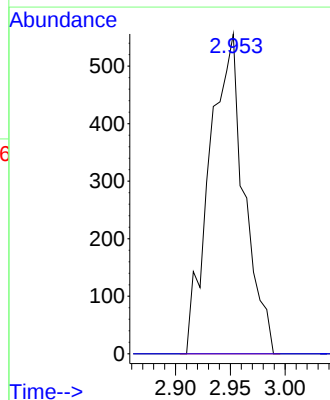
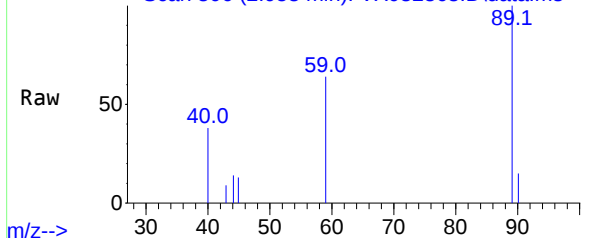
Abundance Scan 310 (2.977 min): VX032201.D\data.ms (-29)



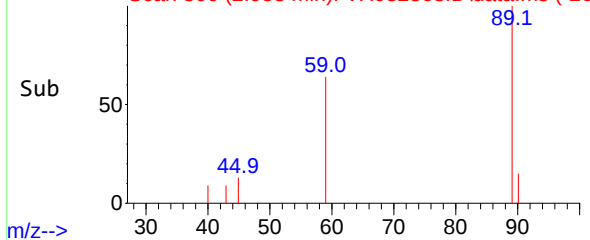
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX032368.D
Acq: 25 Oct 2022 16:46

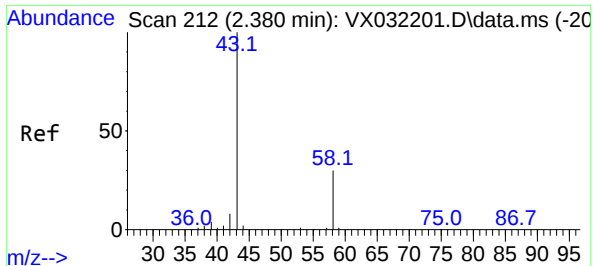
Tgt Ion: 59 Resp: 1224
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

Abundance Scan 306 (2.953 min): VX032368.D\data.ms



Abundance Scan 306 (2.953 min): VX032368.D\data.ms (-26)

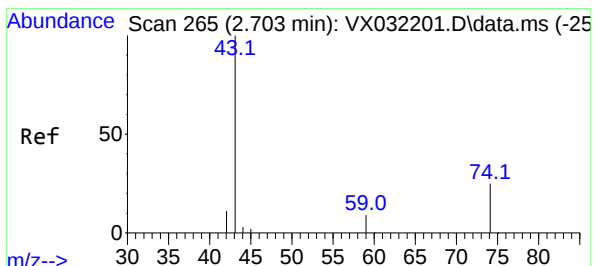
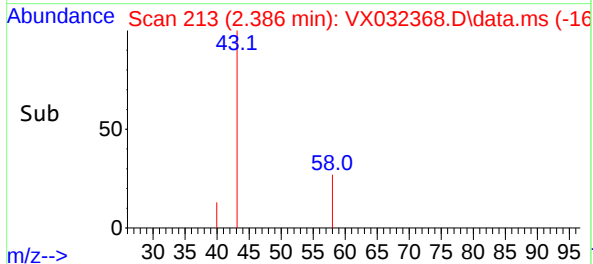
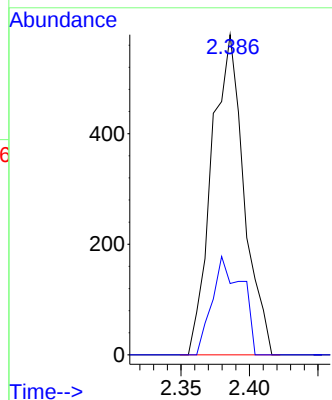
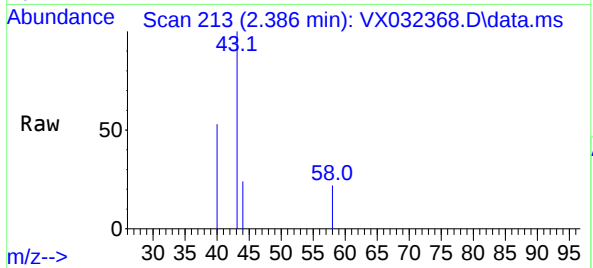




#16
Acetone
Concen: 1.779 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032368.D
Acq: 25 Oct 2022 16:46

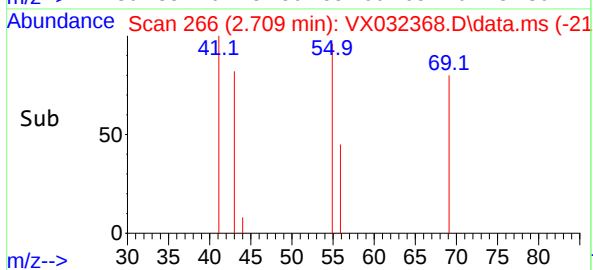
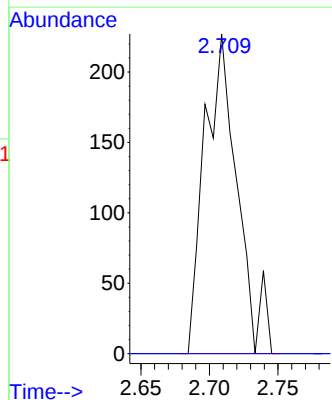
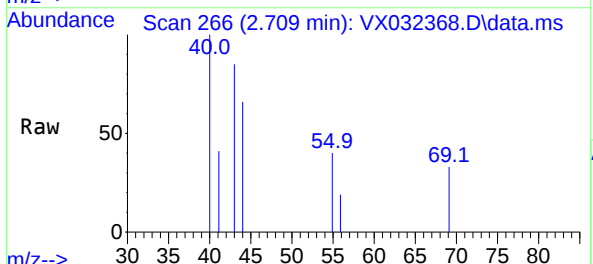
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-31-20221019

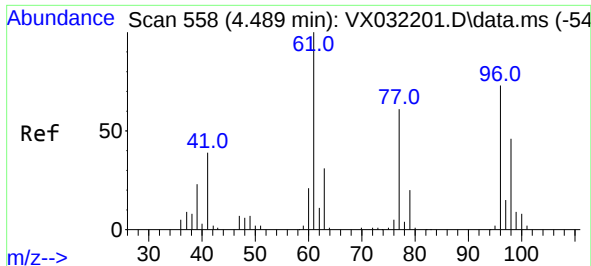
Tgt Ion: 43 Resp: 949
Ion Ratio Lower Upper
43 100
58 22.3 24.2 36.2#



#18
Methyl Acetate
Concen: 0.209 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX032368.D
Acq: 25 Oct 2022 16:46

Tgt Ion: 43 Resp: 378
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#



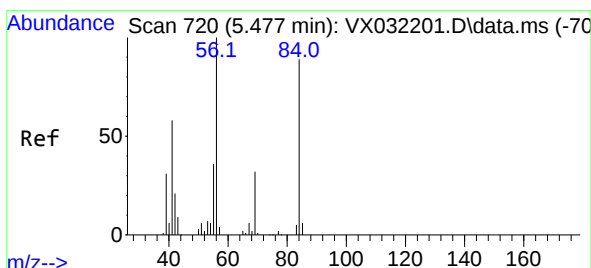
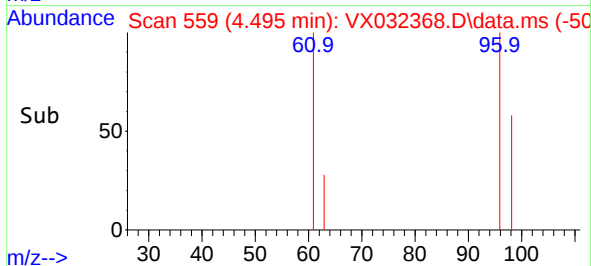
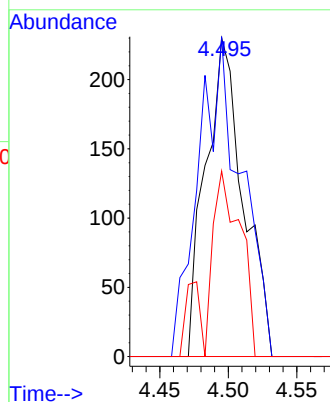
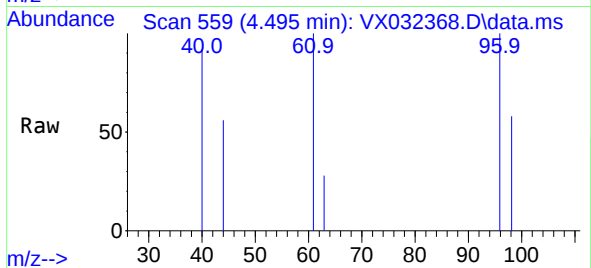


#27
 cis-1,2-Dichloroethene
 Concen: 0.306 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX032368.D
 Acq: 25 Oct 2022 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-31-20221019

Tgt Ion: 96 Resp: 440

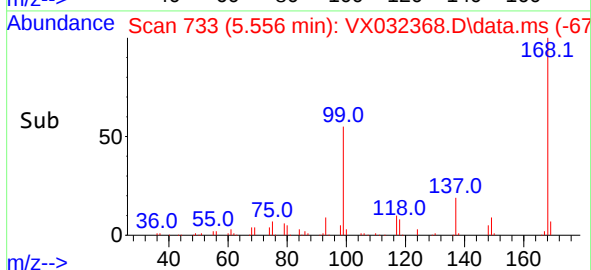
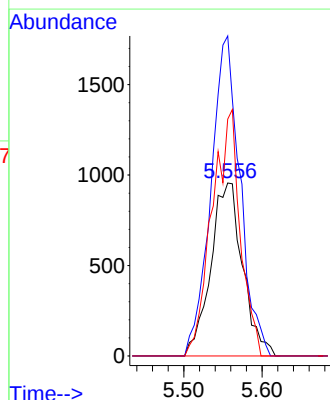
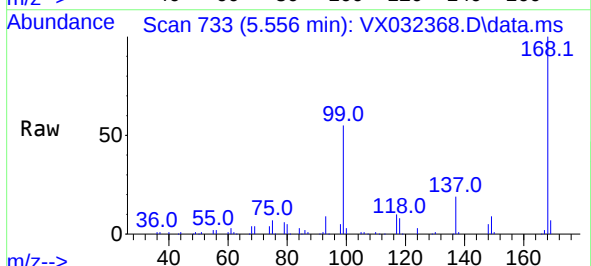
Ion	Ratio	Lower	Upper
96	100		
61	114.1	0.0	279.2
98	51.1	0.0	128.0

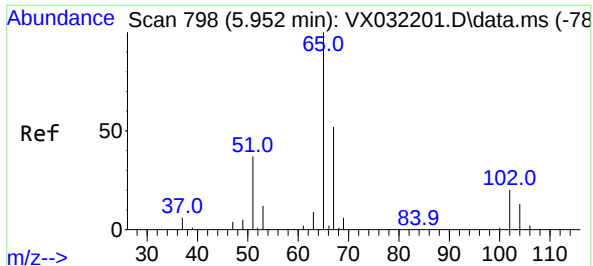


#31
 Cyclohexane
 Concen: 1.441 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.079 min
 Lab File: VX032368.D
 Acq: 25 Oct 2022 16:46

Tgt Ion: 56 Resp: 2707

Ion	Ratio	Lower	Upper
56	100		
69	185.0	25.4	38.0#
84	136.9	71.2	106.8#





#33

1,2-Dichloroethane-d4

Concen: 48.523 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032368.D

Acq: 25 Oct 2022 16:46

Instrument :

MSVOA_X

ClientSampleId :

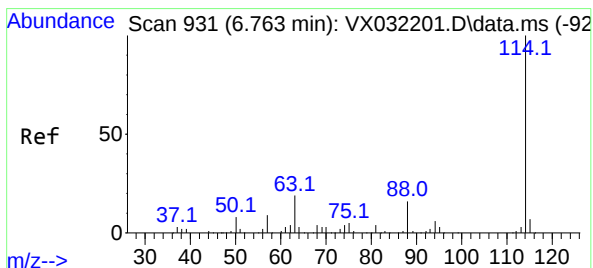
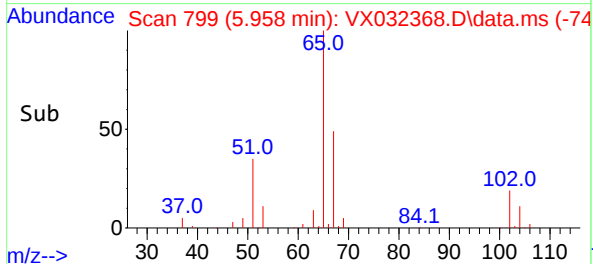
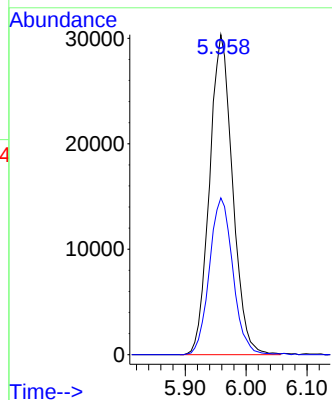
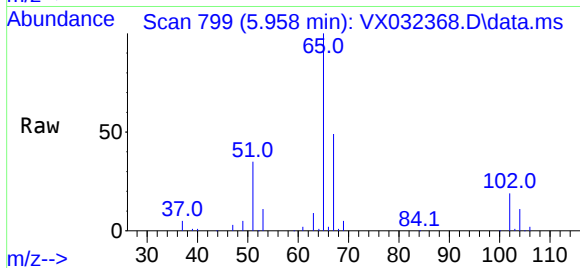
FSND-MW-31-20221019

Tgt Ion: 65 Resp: 79743

Ion Ratio Lower Upper

65 100

67 49.8 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032368.D

Acq: 25 Oct 2022 16:46

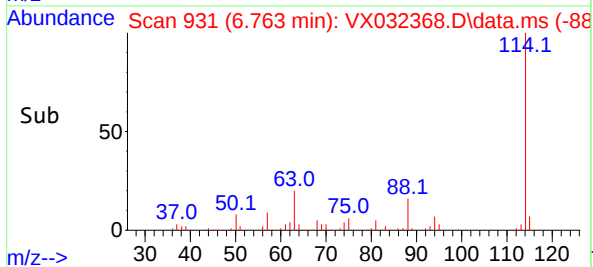
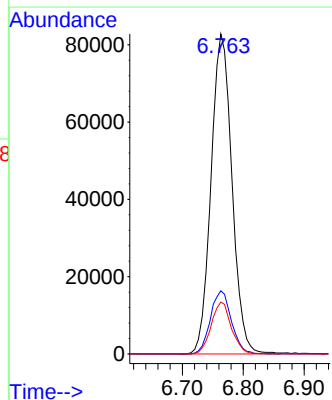
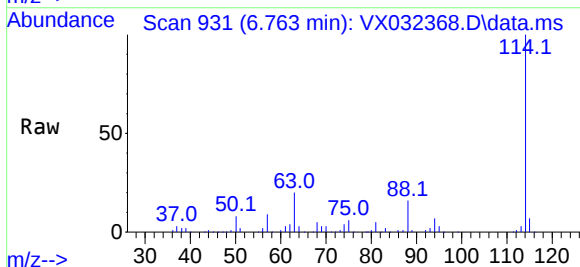
Tgt Ion: 114 Resp: 197613

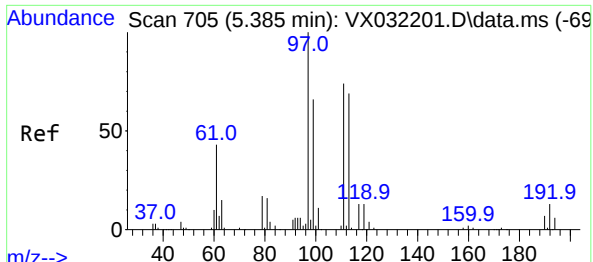
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

88 16.2 0.0 32.6

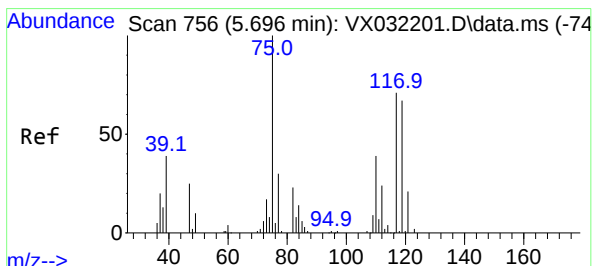
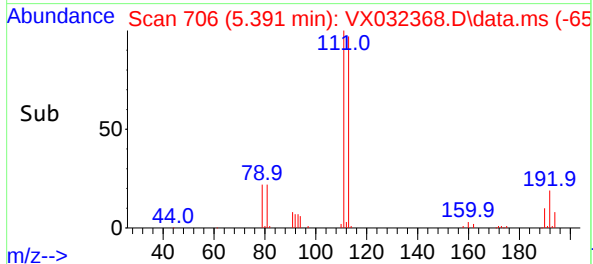
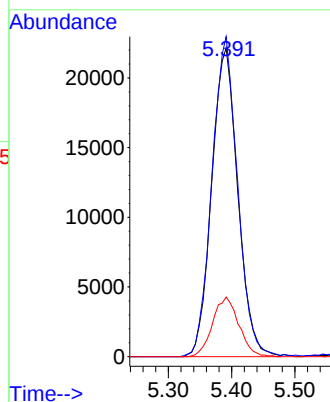
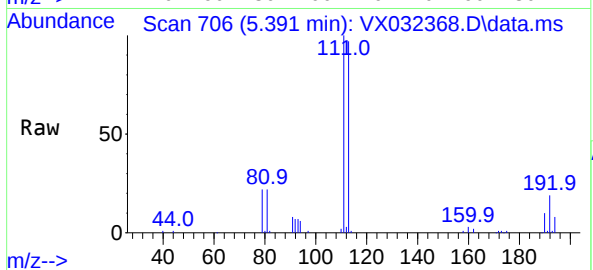




#35
Dibromofluoromethane
Concen: 46.078 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032368.D
Acq: 25 Oct 2022 16:46

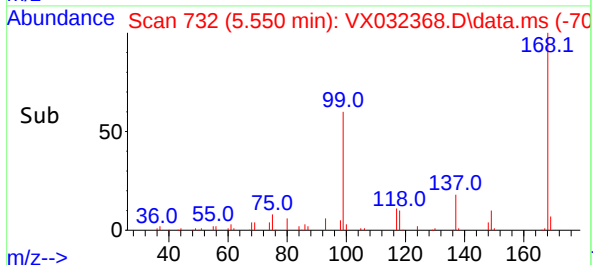
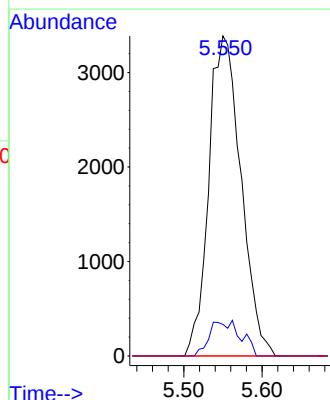
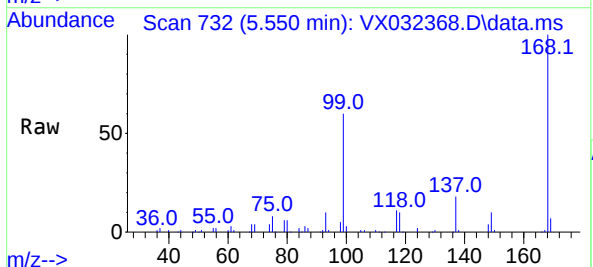
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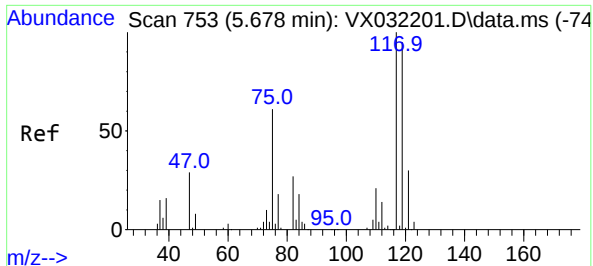
Tgt Ion:113 Resp: 63363
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 19.4 15.5 23.3



#36
1,1-Dichloropropene
Concen: 5.463 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032368.D
Acq: 25 Oct 2022 16:46

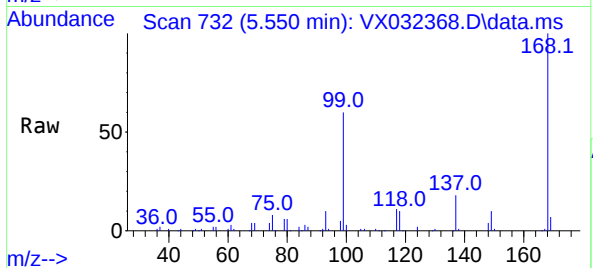
Tgt Ion: 75 Resp: 9664
Ion Ratio Lower Upper
75 100
110 10.5 18.4 55.0#
77 0.0 24.7 37.1#



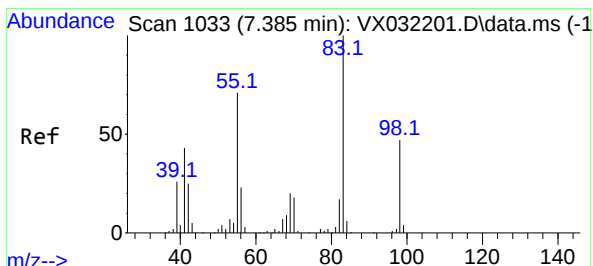
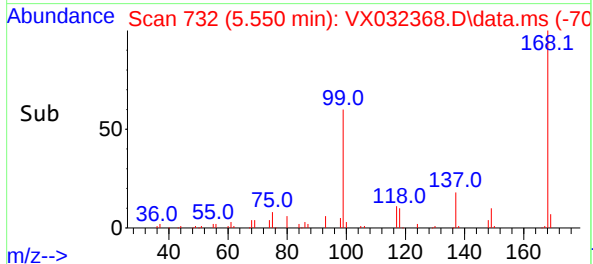
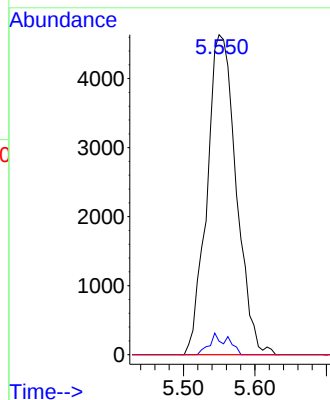


#38
Carbon Tetrachloride
Concen: 7.067 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032368.D
Acq: 25 Oct 2022 16:46

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-31-20221019

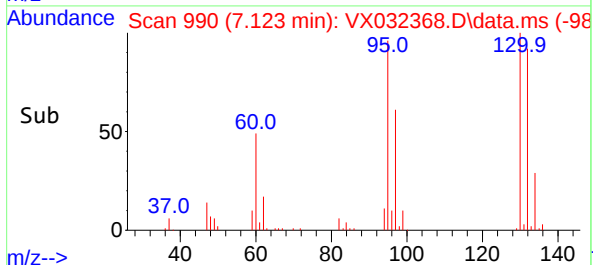
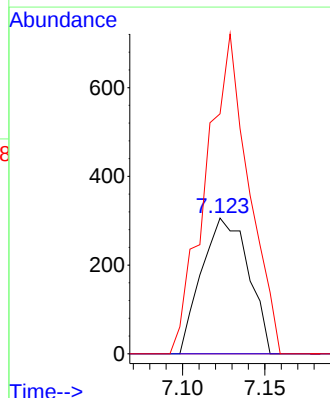
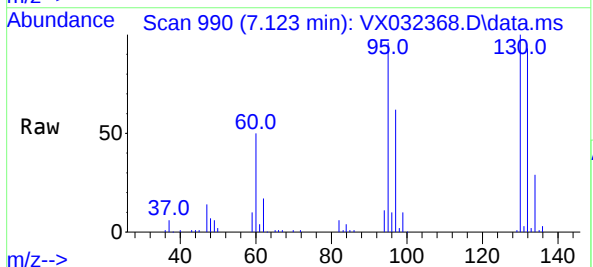


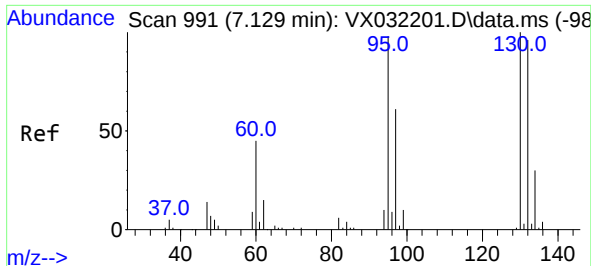
Tgt Ion:117 Resp: 13196
Ion Ratio Lower Upper
117 100
119 4.2 75.4 113.0#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 0.287 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX032368.D
Acq: 25 Oct 2022 16:46

Tgt Ion: 83 Resp: 607
Ion Ratio Lower Upper
83 100
55 0.0 56.6 85.0#
98 176.8 37.4 56.0#

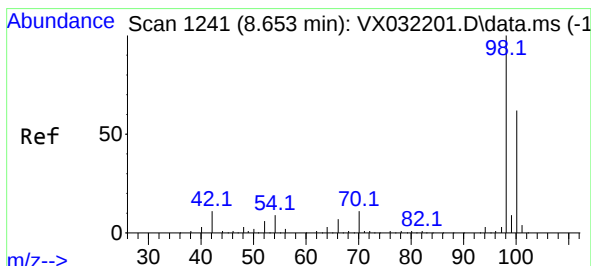
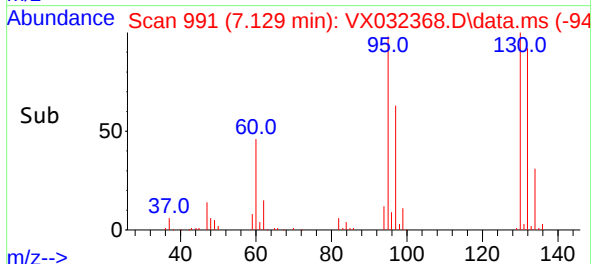
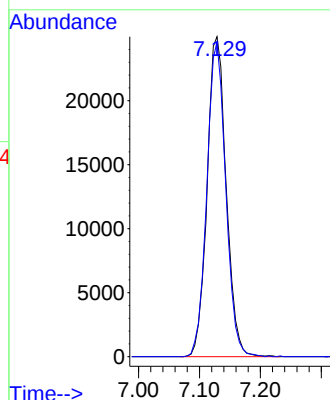
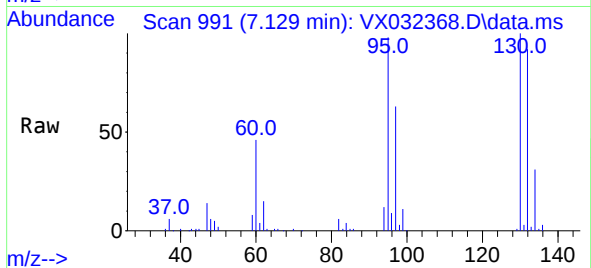




#44
Trichloroethene
Concen: 38.437 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032368.D
Acq: 25 Oct 2022 16:46

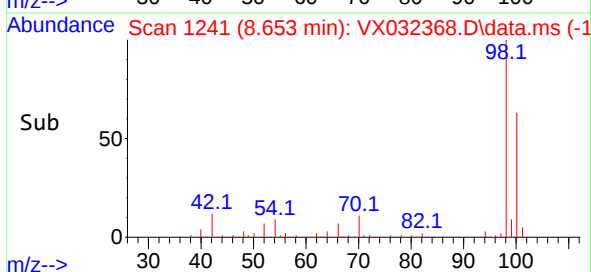
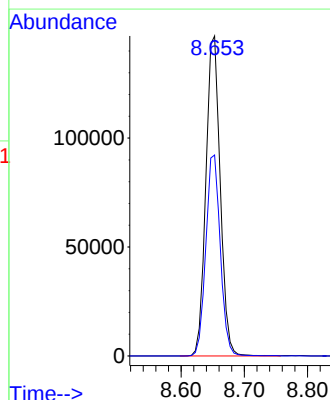
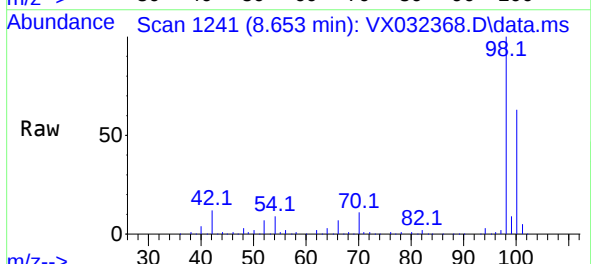
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-31-20221019

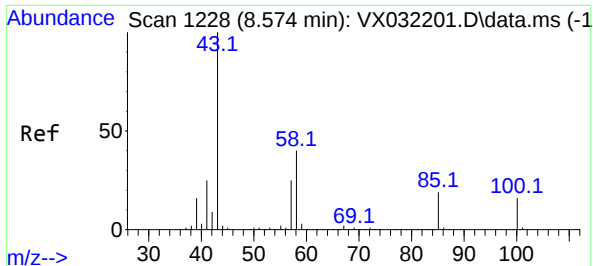
Tgt Ion:130 Resp: 54265
Ion Ratio Lower Upper
130 100
95 98.3 0.0 196.8



#50
Toluene-d8
Concen: 46.887 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032368.D
Acq: 25 Oct 2022 16:46

Tgt Ion: 98 Resp: 232090
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.670 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX032368.D

Acq: 25 Oct 2022 16:46

Instrument :

MSVOA_X

ClientSampleId :

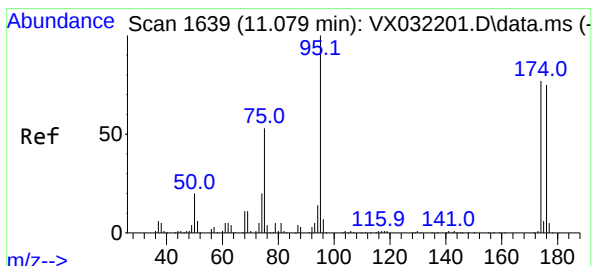
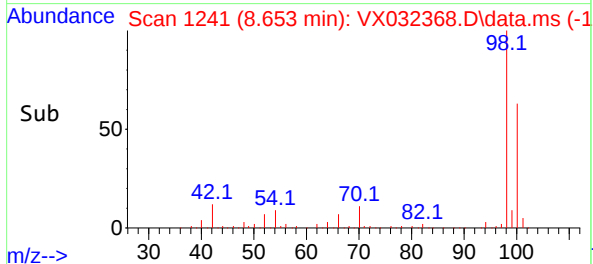
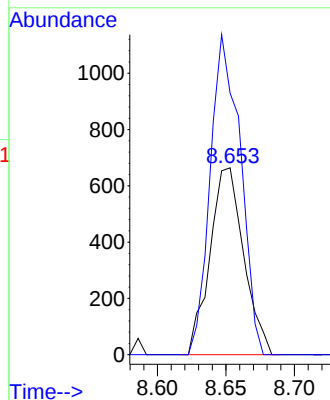
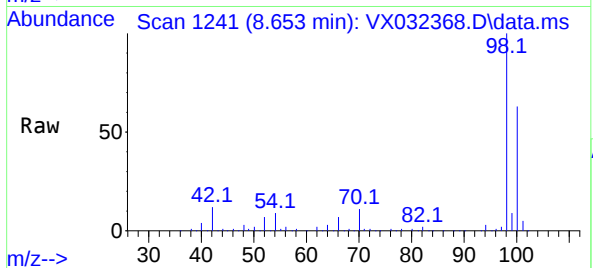
FSND-MW-31-20221019

Tgt Ion: 43 Resp: 1141

Ion Ratio Lower Upper

43 100

58 152.2 31.0 46.4#



#62

4-Bromofluorobenzene

Concen: 42.393 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032368.D

Acq: 25 Oct 2022 16:46

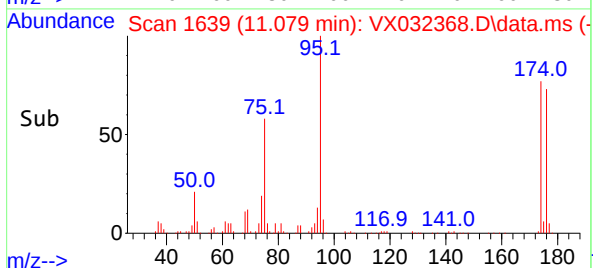
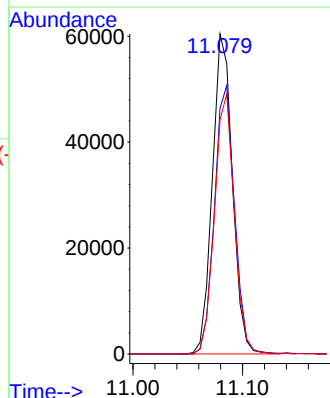
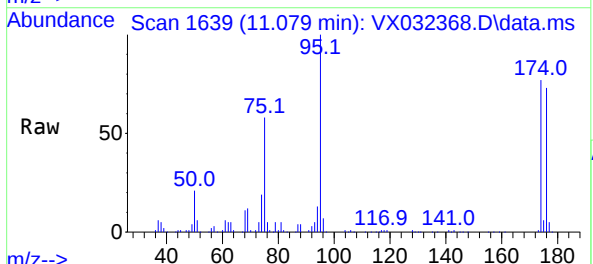
Tgt Ion: 95 Resp: 76843

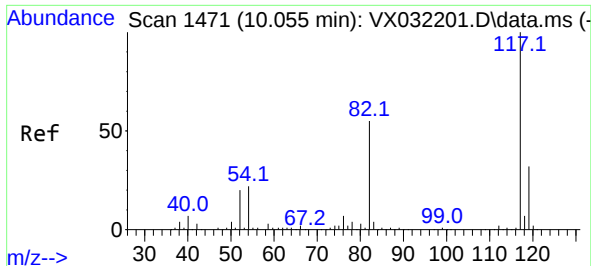
Ion Ratio Lower Upper

95 100

174 84.0 0.0 166.8

176 80.6 0.0 161.4

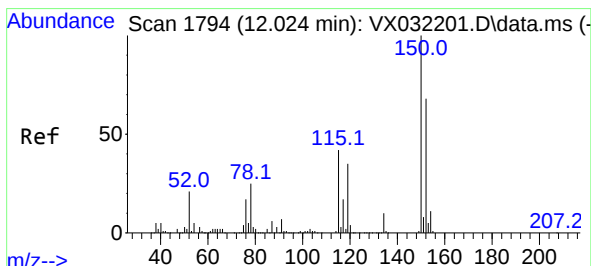
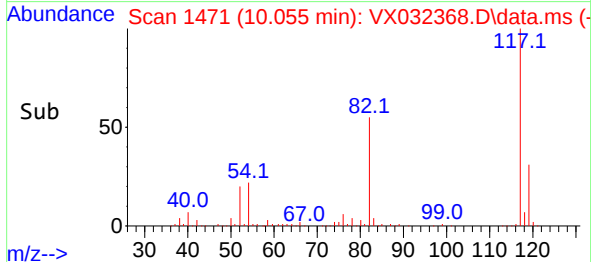
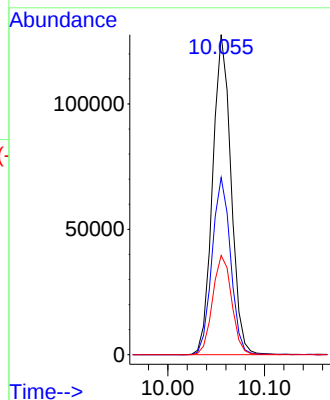
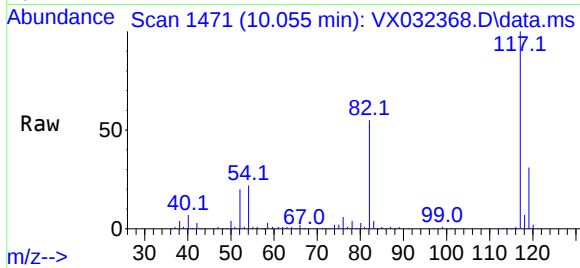




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032368.D
Acq: 25 Oct 2022 16:46

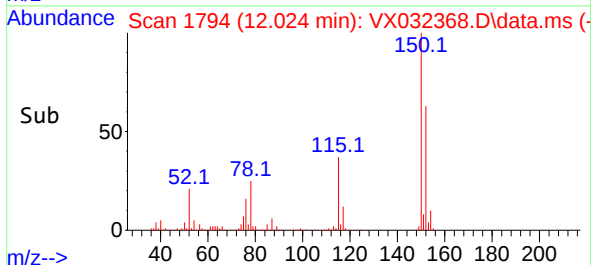
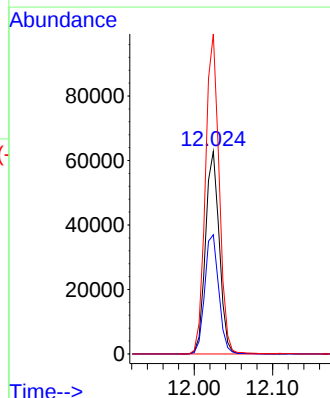
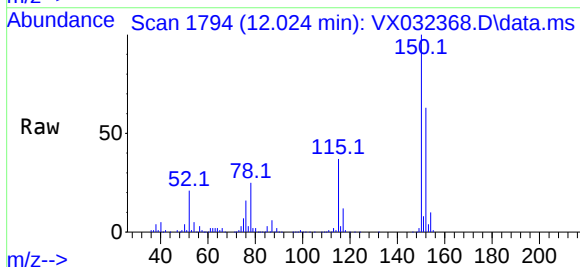
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-31-20221019

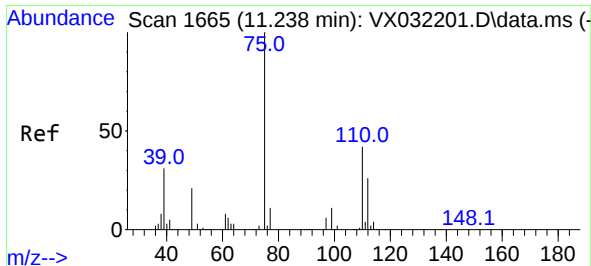
Tgt Ion:117 Resp: 168372
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.4
119 31.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032368.D
Acq: 25 Oct 2022 16:46

Tgt Ion:152 Resp: 76692
Ion Ratio Lower Upper
152 100
115 59.9 43.1 129.4
150 157.1 0.0 348.6

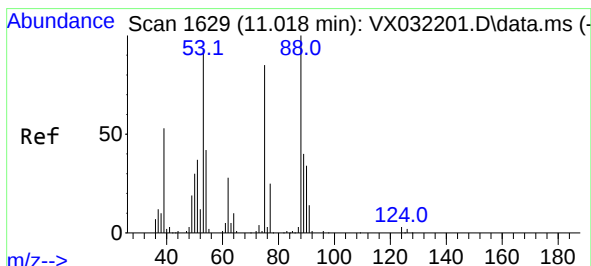
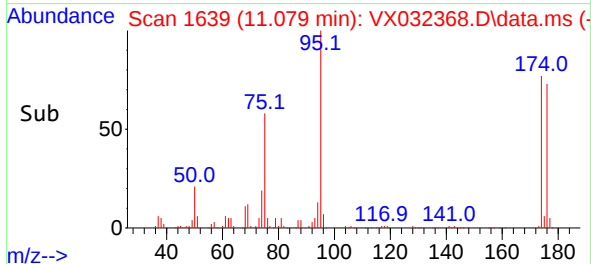
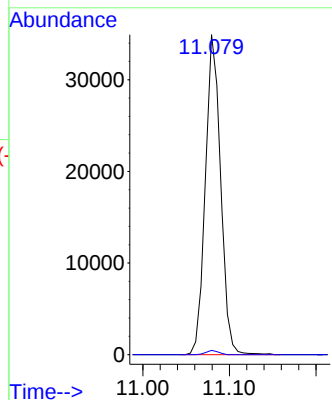
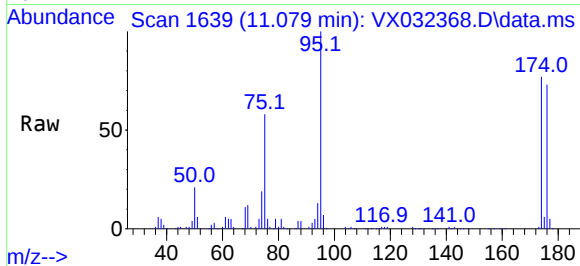




#76
1,2,3-Trichloropropane
Concen: 28.178 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032368.D
Acq: 25 Oct 2022 16:46

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-31-20221019

Tgt Ion: 75 Resp: 42819
Ion Ratio Lower Upper
75 100
77 1.1 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.398 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032368.D
Acq: 25 Oct 2022 16:46

Tgt Ion: 75 Resp: 42819
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

