

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032364.D
 Acq On : 25 Oct 2022 15:13
 Operator : JC/MD
 Sample : N5249-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-32-20221019

Quant Time: Oct 27 14:17:29 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)

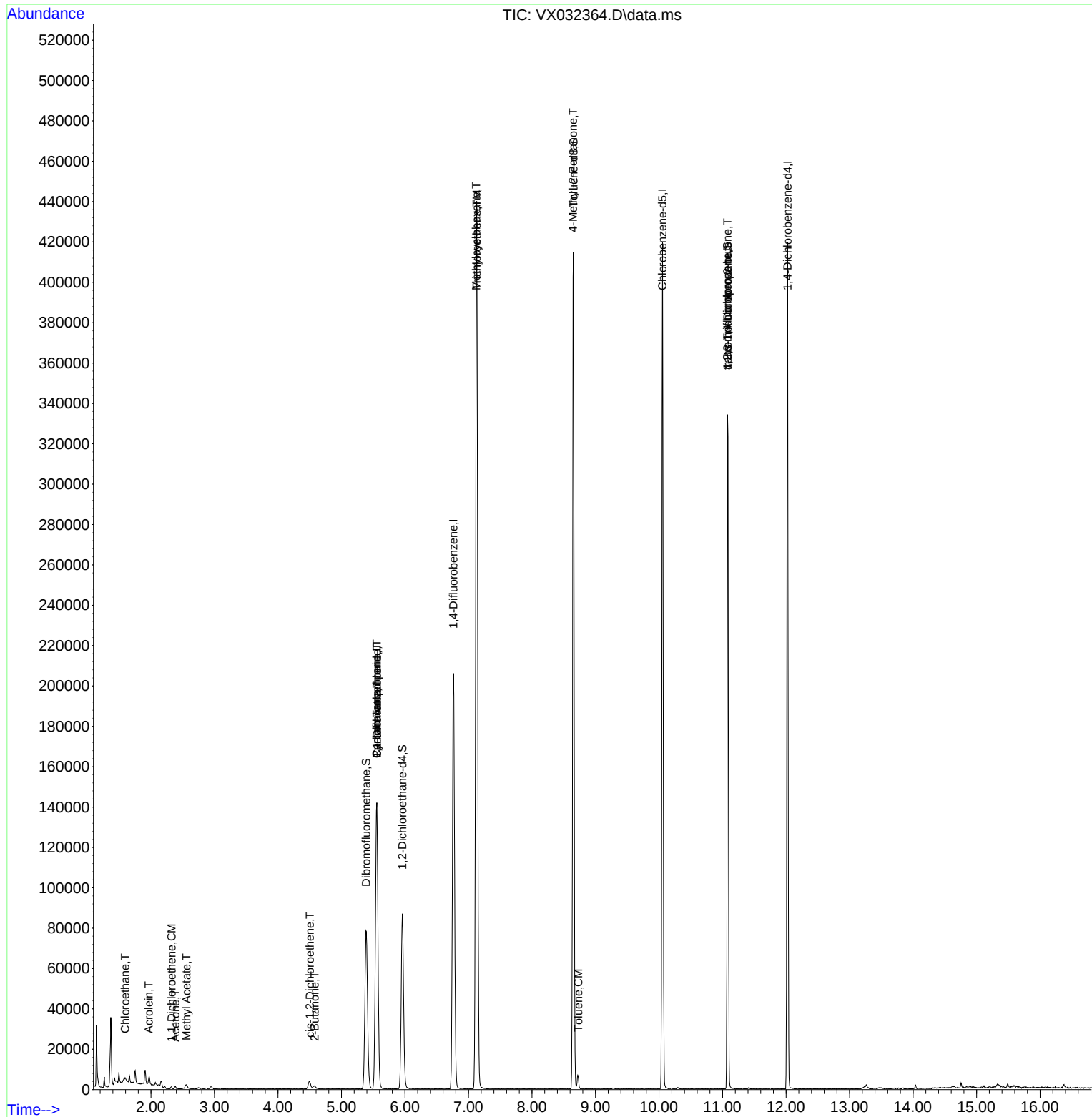
Internal Standards						
1) Pentafluorobenzene	5.556	168	133710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209292	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84094	48.346	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.700%
35) Dibromofluoromethane	5.385	113	67449	46.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.620%
50) Toluene-d8	8.653	98	247806	47.268	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.540%
62) 4-Bromofluorobenzene	11.079	95	85203	44.382	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.760%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	46	Below Cal	#	44
6) Chloroethane	1.593	64	2984	4.131	ug/l #	47
11) Tert butyl alcohol	2.959	59	1056	Below Cal	#	74
12) 1,1-Dichloroethene	2.325	96	350	0.293	ug/l #	82
13) Acrolein	1.965	56	67	0.316	ug/l #	1
16) Acetone	2.386	43	1193	2.113	ug/l	96
18) Methyl Acetate	2.556	43	1005	0.524	ug/l #	50
25) 2-Butanone	4.574	43	191	0.217	ug/l #	48
27) cis-1,2-Dichloroethene	4.501	96	2610	1.715	ug/l	89
31) Cyclohexane	5.556	56	3044	1.531	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	10458	5.582	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14378	7.270	ug/l #	16
39) Methylcyclohexane	7.123	83	1858	0.830	ug/l #	1
44) Trichloroethene	7.129	130	167207	111.826	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	1119	0.620	ug/l #	1
52) Toluene	8.726	92	2804	0.797	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	46360	27.349	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	46360	83.938	ug/l #	6

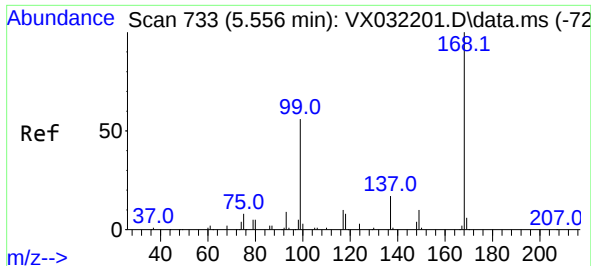
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FSND-MW-32-20221019

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Quant Title : SW846 8260
QLast Update : Sat Oct 22 04:56:40 2022
Response via : Initial Calibration

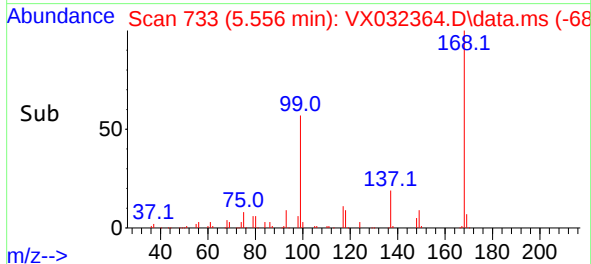
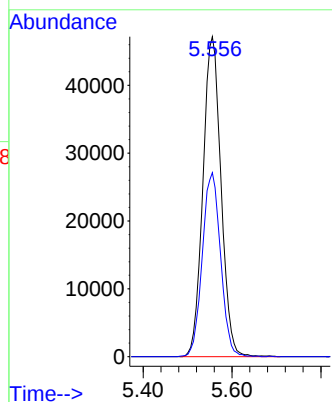
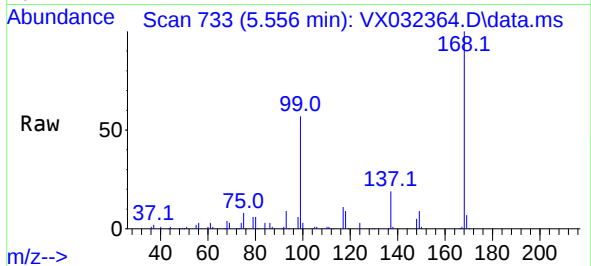




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

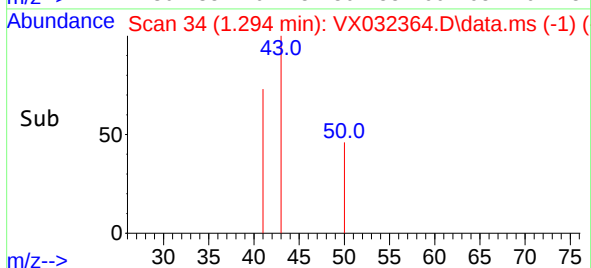
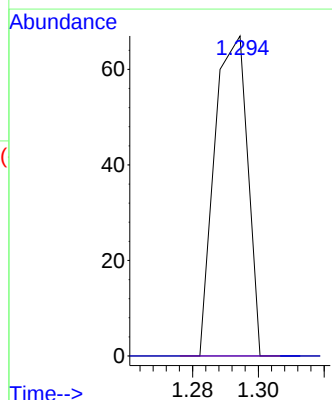
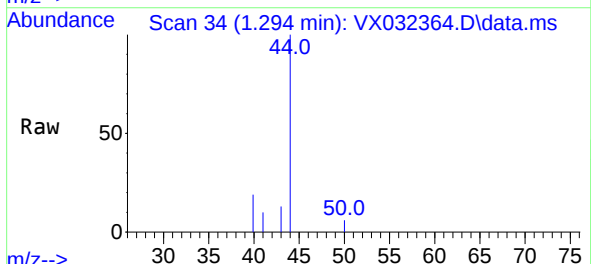
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20221019

Tgt Ion:168 Resp: 133710
Ion Ratio Lower Upper
168 100
99 57.5 44.8 67.2

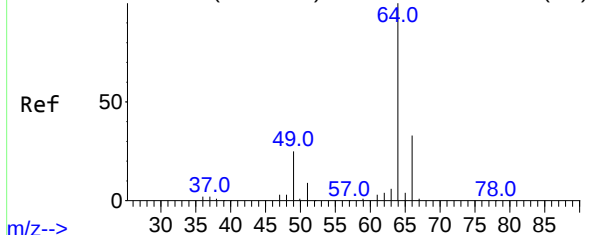


#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

Tgt Ion: 50 Resp: 46
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



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

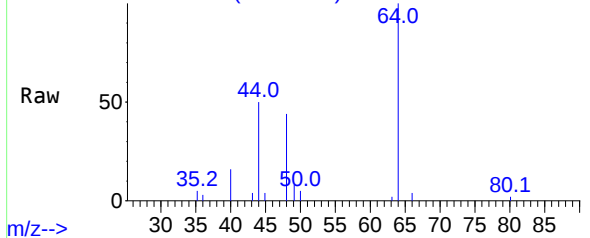


#6
Chloroethane
Concen: 4.131 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.092 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

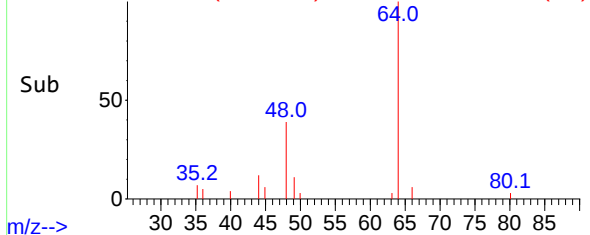
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20221019

Tgt Ion: 64 Resp: 2984
Ion Ratio Lower Upper
64 100
66 3.2 26.6 39.8#

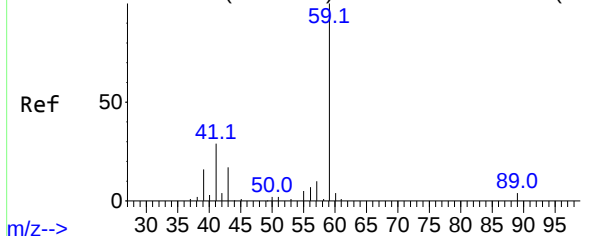
Abundance Scan 83 (1.593 min): VX032364.D\data.ms



Abundance Scan 83 (1.593 min): VX032364.D\data.ms (-49)



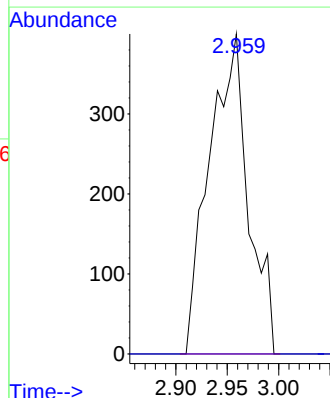
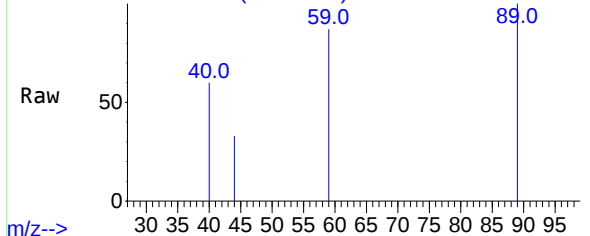
Abundance Scan 310 (2.977 min): VX032201.D\data.ms (-29)



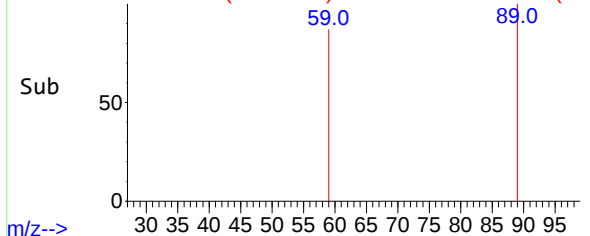
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

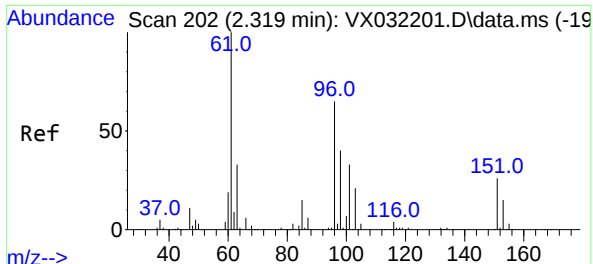
Tgt Ion: 59 Resp: 1056
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

Abundance Scan 307 (2.959 min): VX032364.D\data.ms



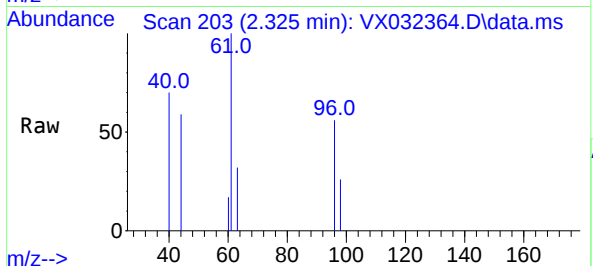
Abundance Scan 307 (2.959 min): VX032364.D\data.ms (-26)



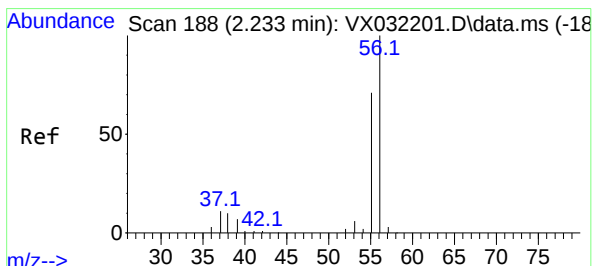
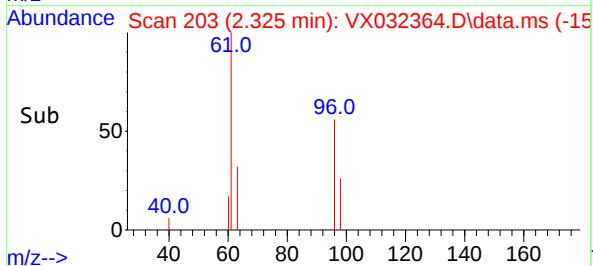
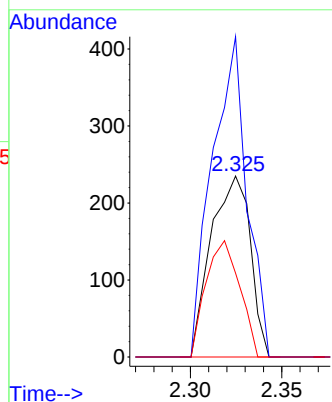


#12
1,1-Dichloroethene
Concen: 0.293 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20221019

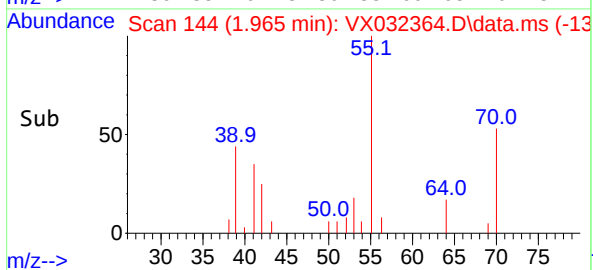
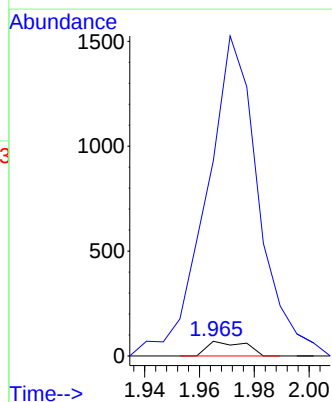
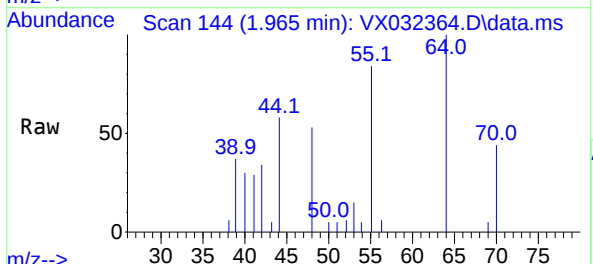


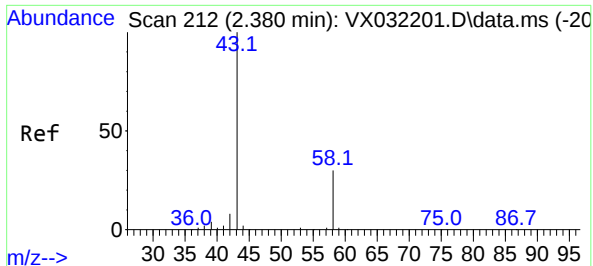
Tgt Ion: 96 Resp: 350
Ion Ratio Lower Upper
96 100
61 177.0 124.0 186.0
98 46.4 50.0 75.0#



#13
Acrolein
Concen: 0.316 ug/l
RT: 1.965 min Scan# 144
Delta R.T. -0.268 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 2950.7 56.4 84.6#

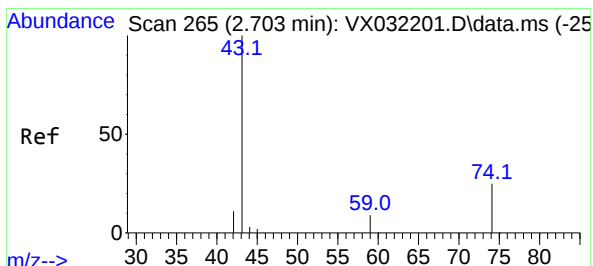
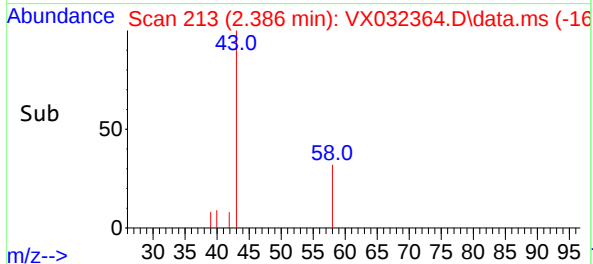
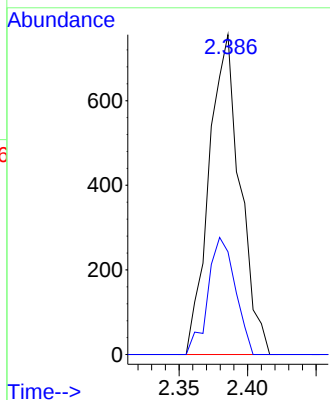
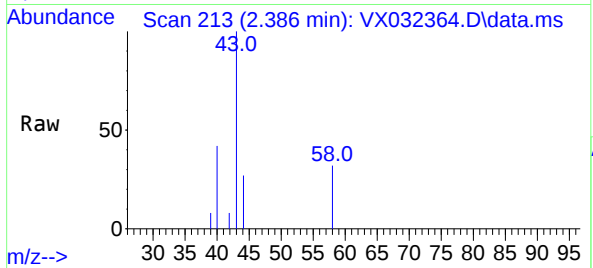




#16
Acetone
Concen: 2.113 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

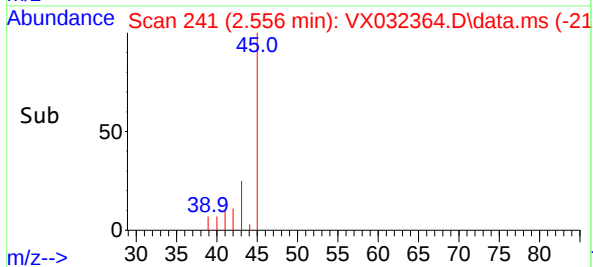
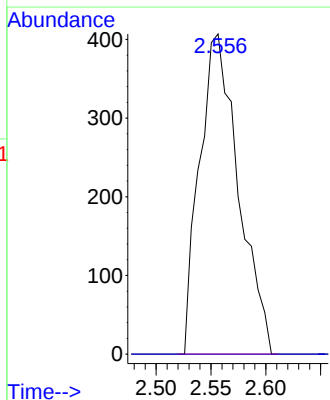
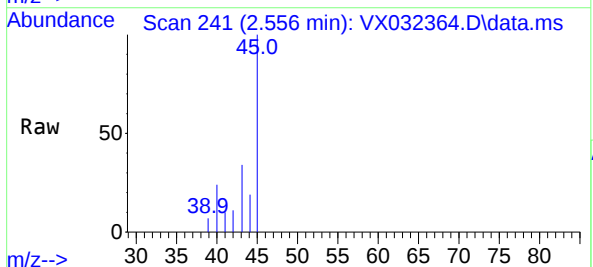
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20221019

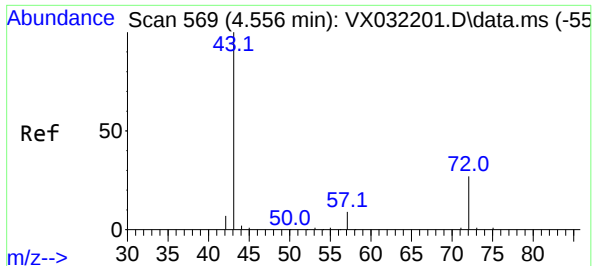
Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
58 32.1 24.2 36.2



#18
Methyl Acetate
Concen: 0.524 ug/l
RT: 2.556 min Scan# 241
Delta R.T. -0.147 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#





#25

2-Butanone

Concen: 0.217 ug/l

RT: 4.574 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX032364.D

Acq: 25 Oct 2022 15:13

Instrument :

MSVOA_X

ClientSampleId :

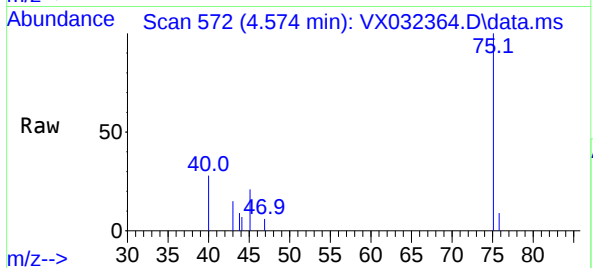
FSND-MW-32-20221019

Tgt Ion: 43 Resp: 191

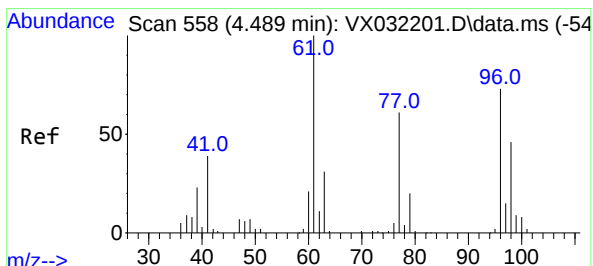
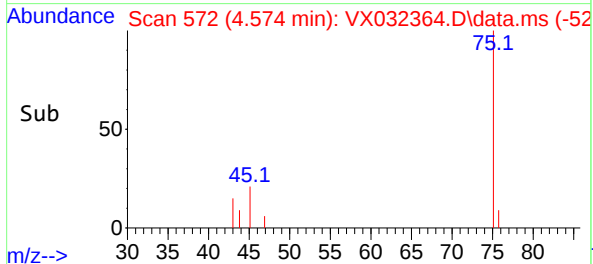
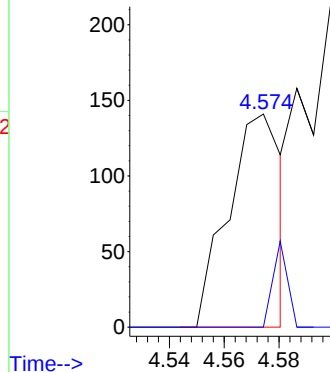
Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



Abundance



#27

cis-1,2-Dichloroethene

Concen: 1.715 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.012 min

Lab File: VX032364.D

Acq: 25 Oct 2022 15:13

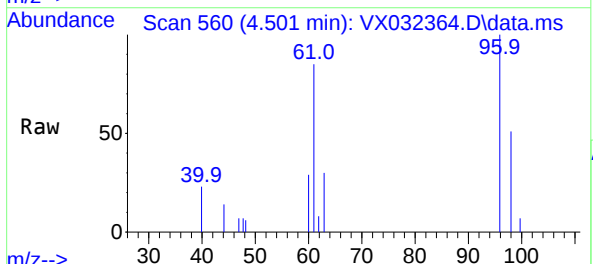
Tgt Ion: 96 Resp: 2610

Ion Ratio Lower Upper

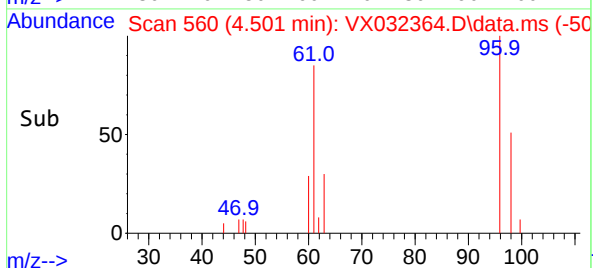
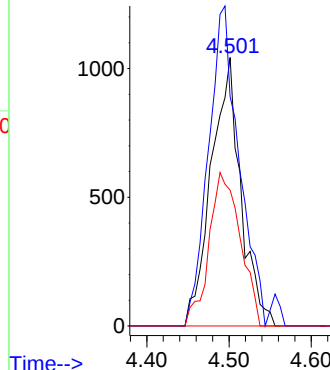
96 100

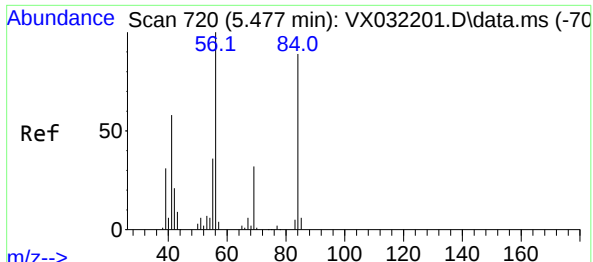
61 123.4 0.0 279.2

98 60.4 0.0 128.0



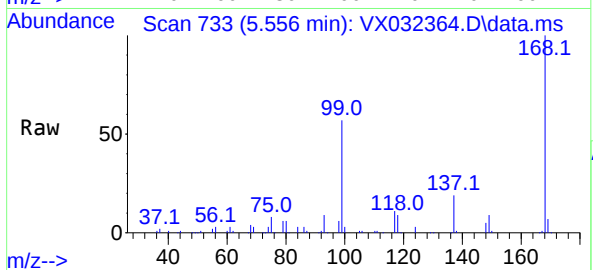
Abundance



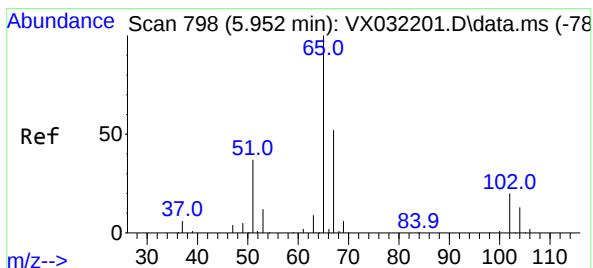
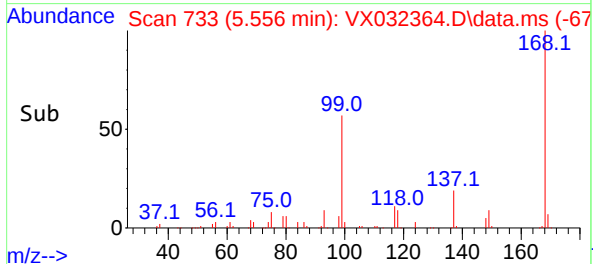
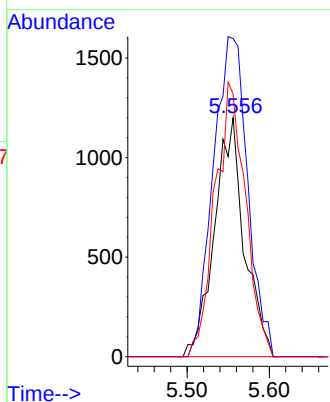


#31
Cyclohexane
Concen: 1.531 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20221019

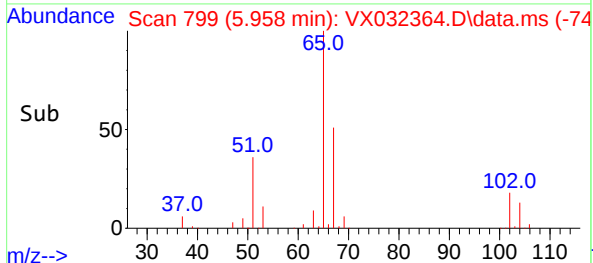
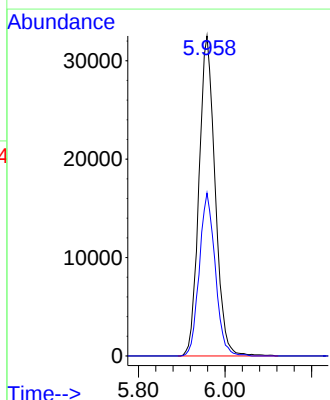
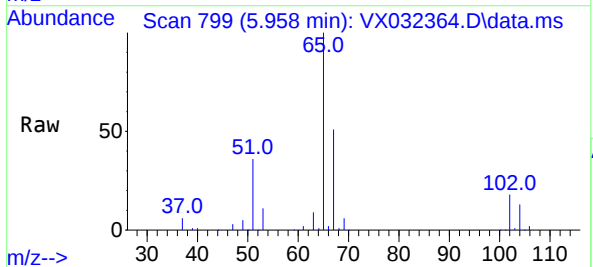


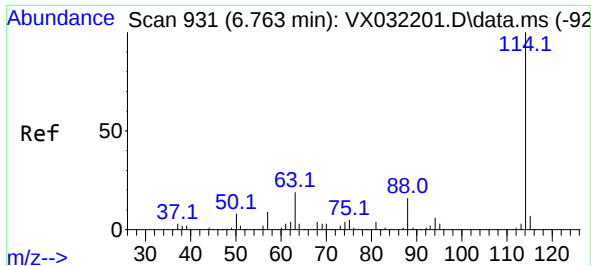
Tgt Ion: 56 Resp: 3044
Ion Ratio Lower Upper
56 100
69 133.1 25.4 38.0#
84 110.0 71.2 106.8#



#33
1,2-Dichloroethane-d4
Concen: 48.346 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

Tgt Ion: 65 Resp: 84094
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.6

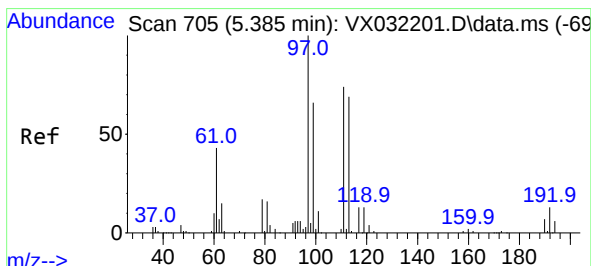
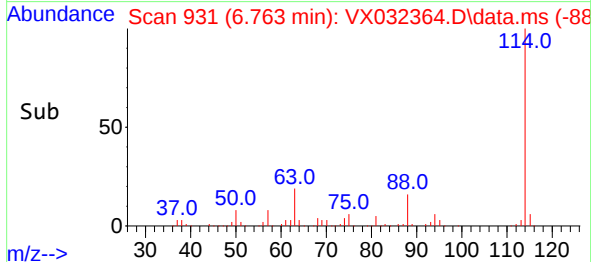
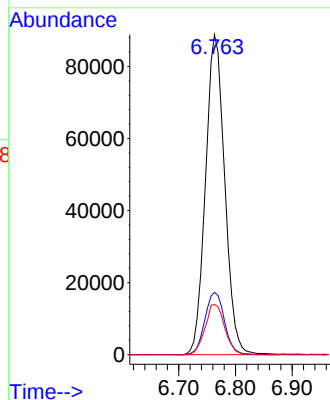
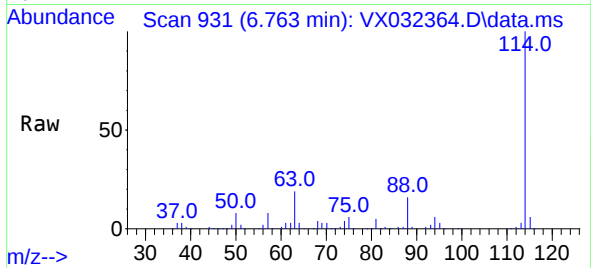




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

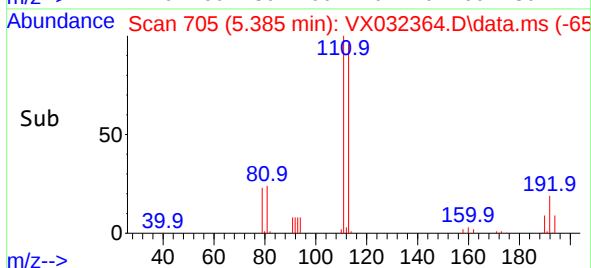
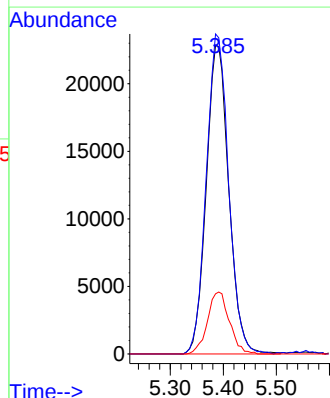
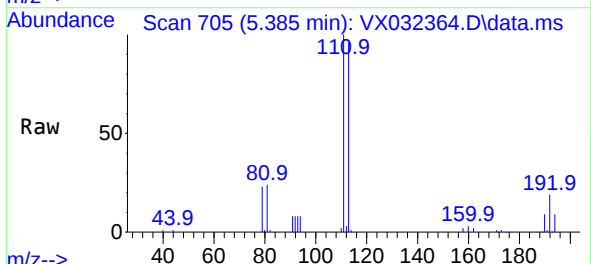
Instrument :
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ClientSampleId :
FSND-MW-32-20221019

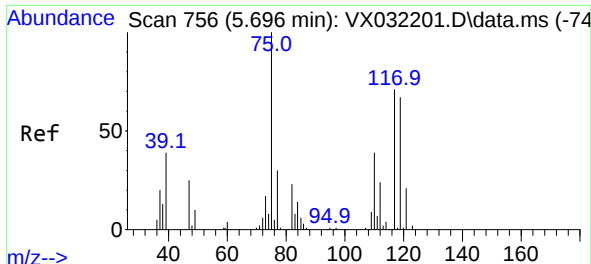
Tgt Ion:114 Resp: 209292
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.312 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

Tgt Ion:113 Resp: 67449
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 19.5 15.5 23.3

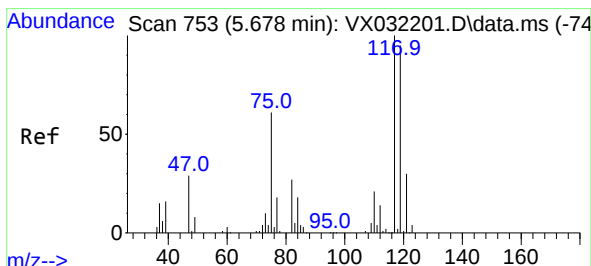
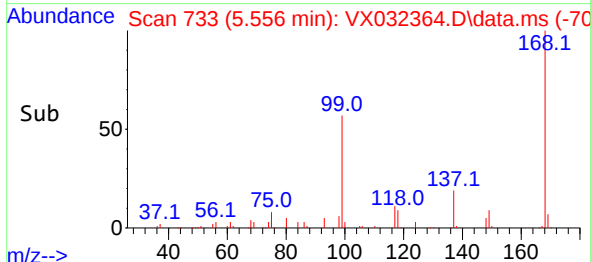
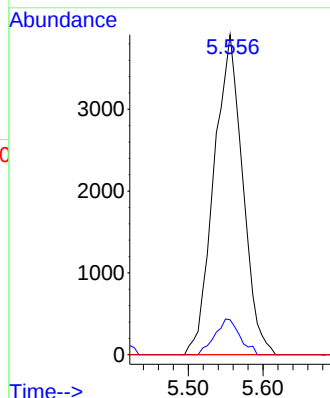
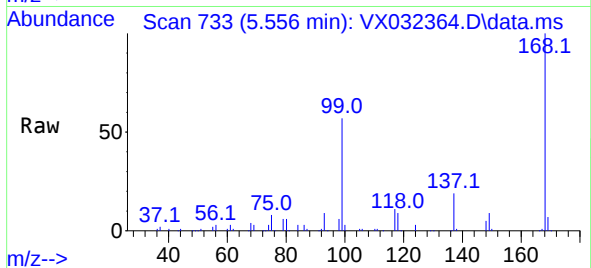




#36
1,1-Dichloropropene
Concen: 5.582 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

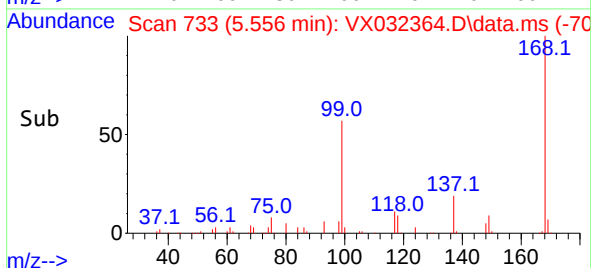
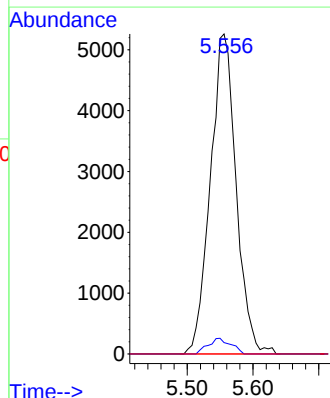
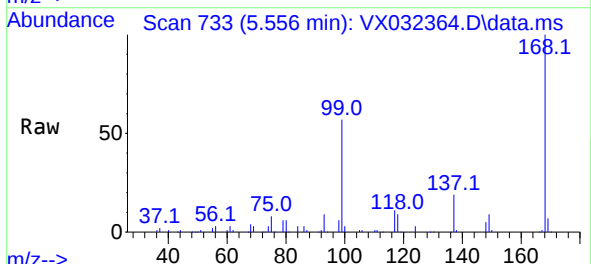
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20221019

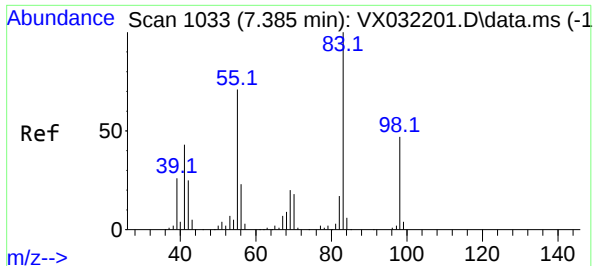
Tgt Ion: 75 Resp: 10458
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.0#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.270 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

Tgt Ion: 117 Resp: 14378
Ion Ratio Lower Upper
117 100
119 3.6 75.4 113.0#
121 0.0 23.9 35.9#





#39

Methylcyclohexane

Concen: 0.830 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.262 min

Lab File: VX032364.D

Acq: 25 Oct 2022 15:13

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-32-20221019

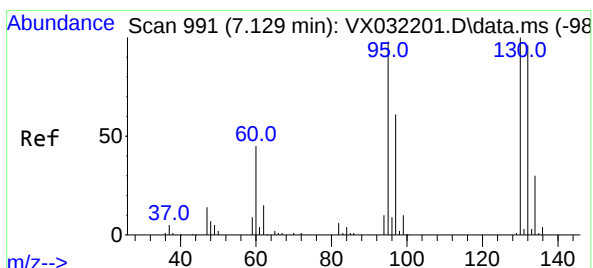
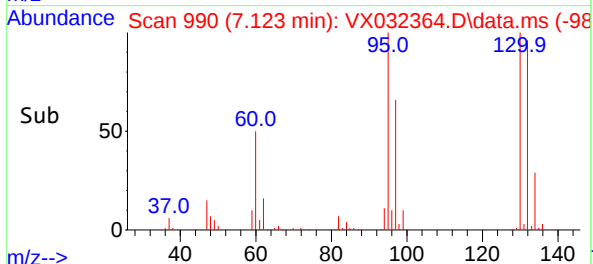
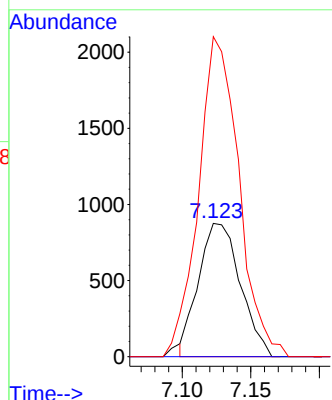
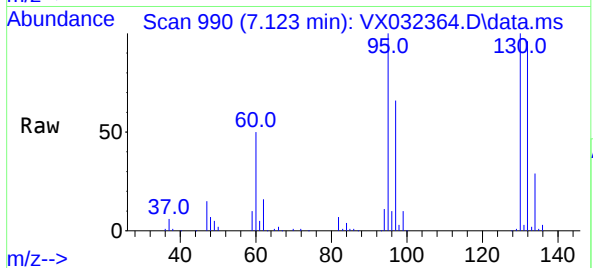
Tgt Ion: 83 Resp: 1858

Ion Ratio Lower Upper

83 100

55 0.0 56.6 85.0#

98 230.8 37.4 56.0#



#44

Trichloroethene

Concen: 111.826 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX032364.D

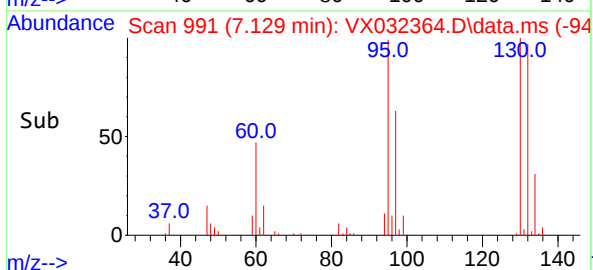
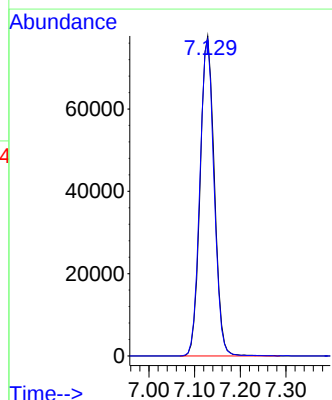
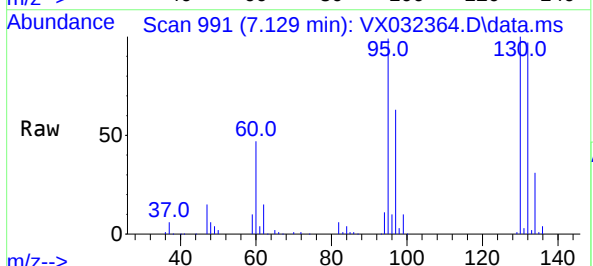
Acq: 25 Oct 2022 15:13

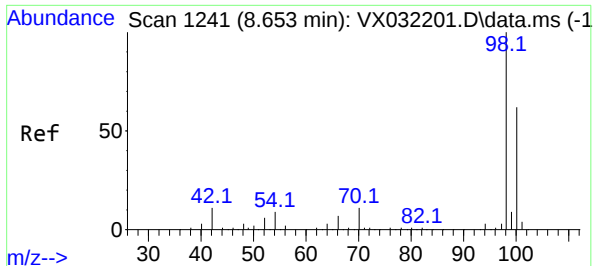
Tgt Ion:130 Resp: 167207

Ion Ratio Lower Upper

130 100

95 99.0 0.0 196.8

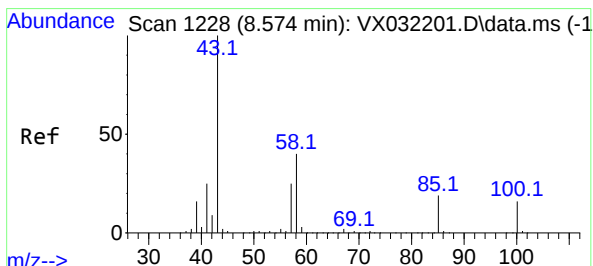
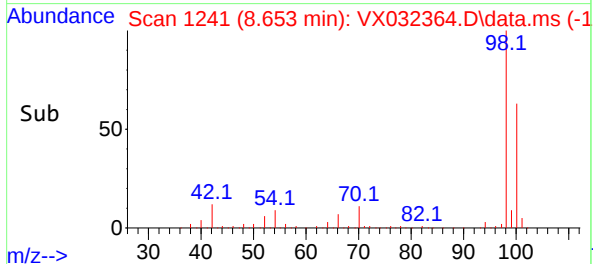
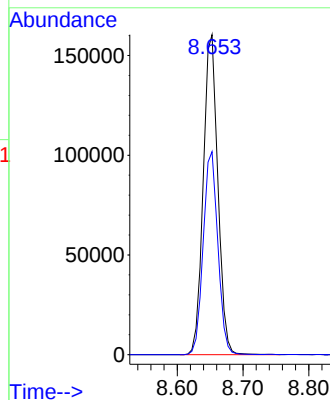
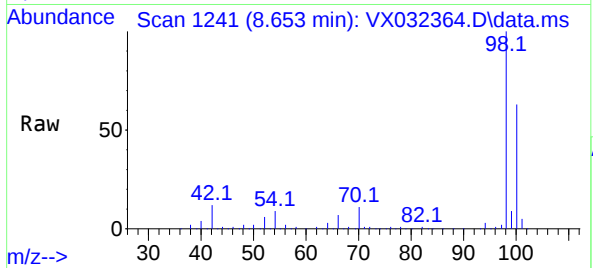




#50
Toluene-d8
Concen: 47.268 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

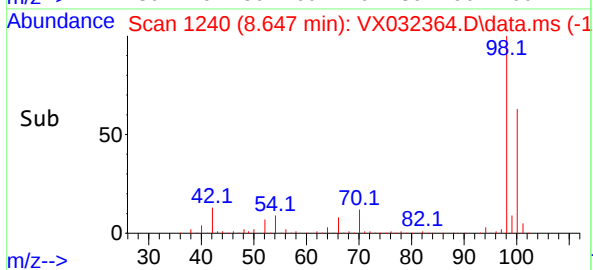
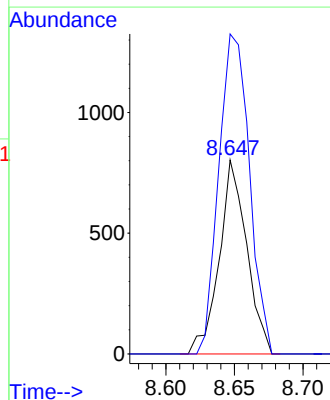
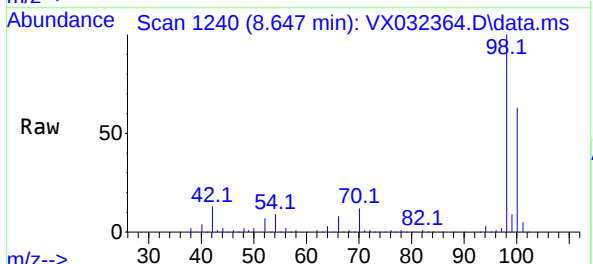
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20221019

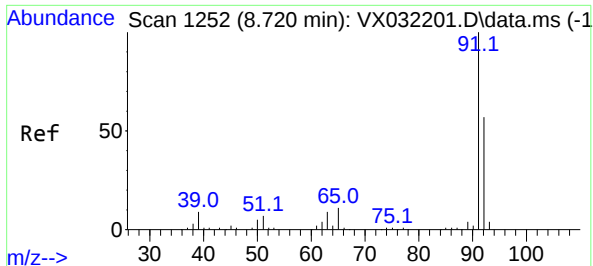
Tgt Ion: 98 Resp: 247806
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.620 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

Tgt Ion: 43 Resp: 1119
Ion Ratio Lower Upper
43 100
58 183.9 31.0 46.4#





#52

Toluene

Concen: 0.797 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX032364.D

Acq: 25 Oct 2022 15:13

Instrument :

MSVOA_X

ClientSampleId :

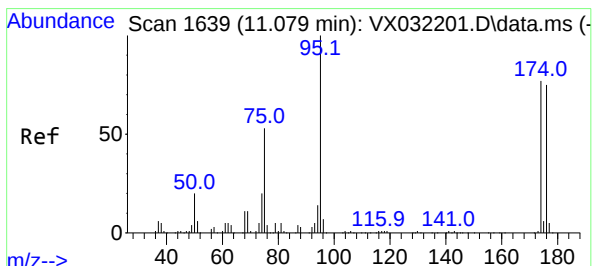
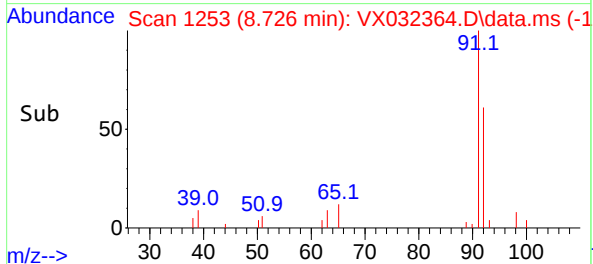
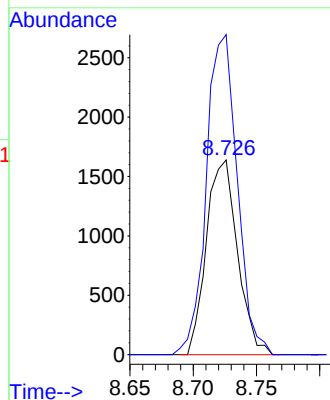
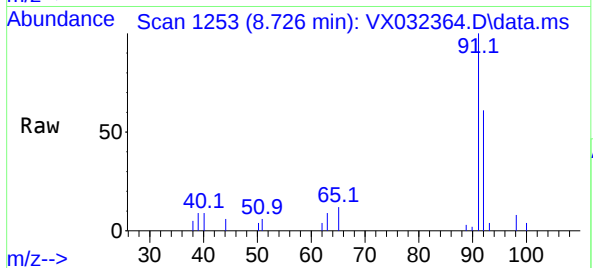
FSND-MW-32-20221019

Tgt Ion: 92 Resp: 2804

Ion Ratio Lower Upper

92 100

91 163.3 140.3 210.5



#62

4-Bromofluorobenzene

Concen: 44.382 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032364.D

Acq: 25 Oct 2022 15:13

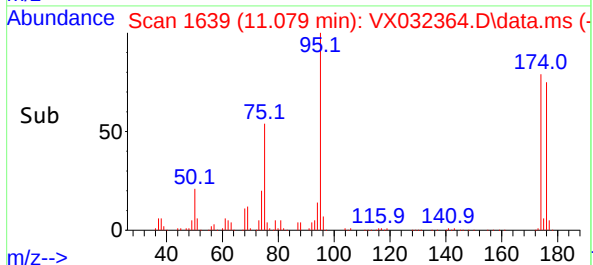
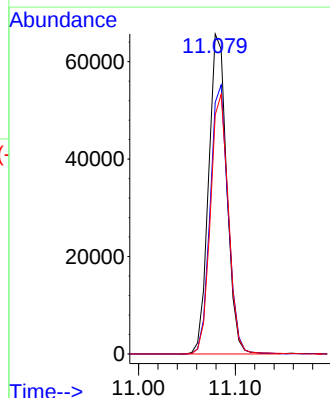
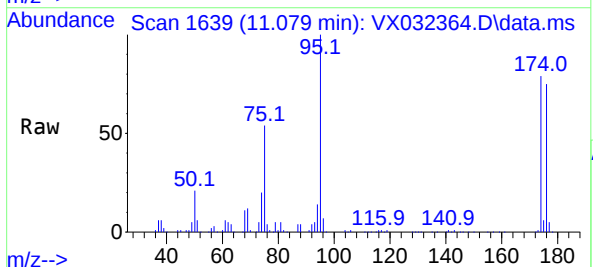
Tgt Ion: 95 Resp: 85203

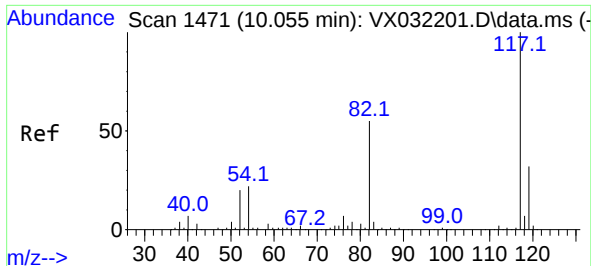
Ion Ratio Lower Upper

95 100

174 83.3 0.0 166.8

176 80.6 0.0 161.4

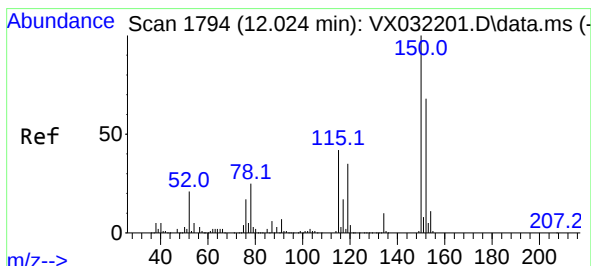
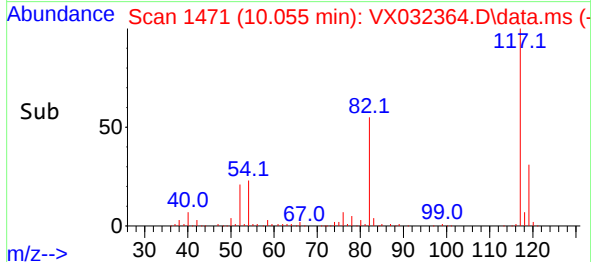
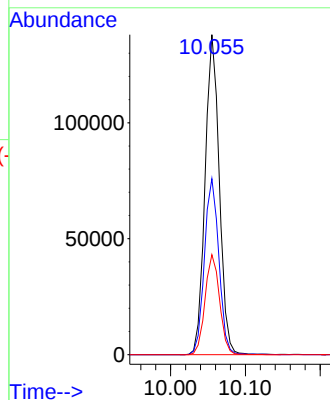
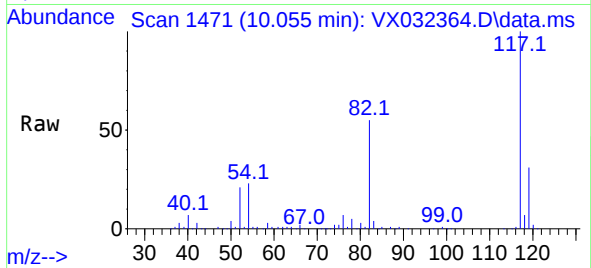




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

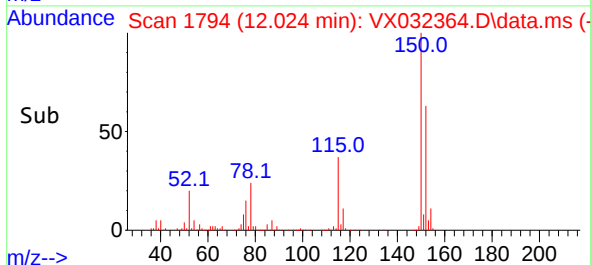
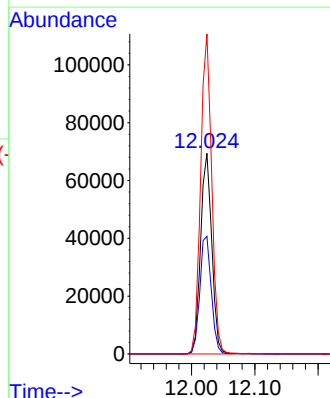
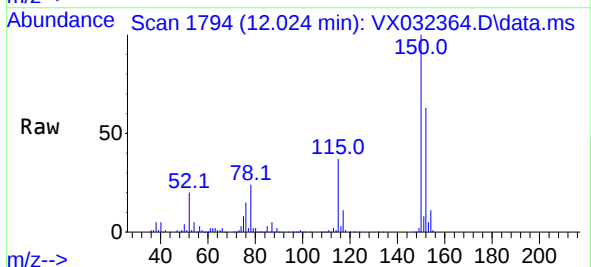
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20221019

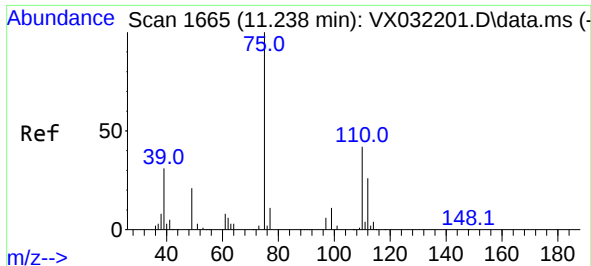
Tgt Ion:117 Resp: 182292
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.4
119 31.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

Tgt Ion:152 Resp: 85551
Ion Ratio Lower Upper
152 100
115 60.2 43.1 129.4
150 157.7 0.0 348.6

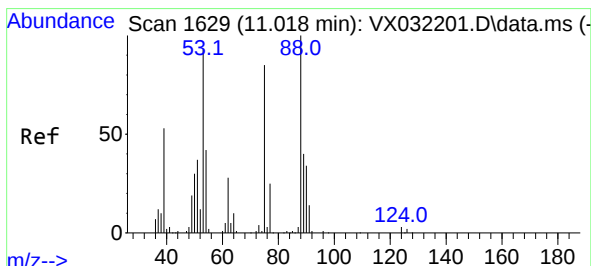
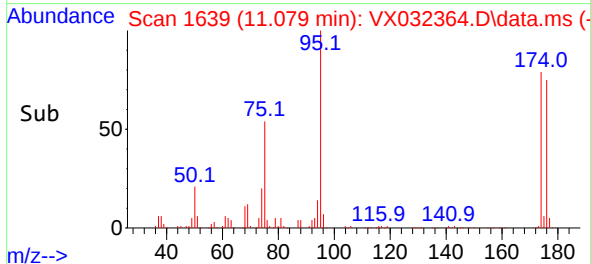
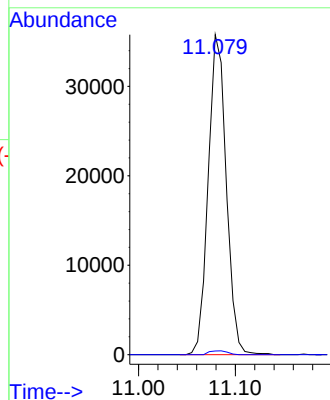
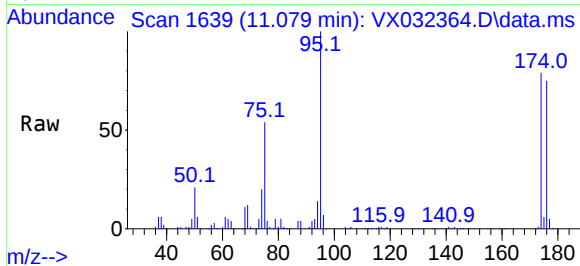




#76
1,2,3-Trichloropropane
Concen: 27.349 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20221019

Tgt Ion: 75 Resp: 46360
Ion Ratio Lower Upper
75 100
77 1.2 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.938 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

Tgt Ion: 75 Resp: 46360
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

