

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032369.D
 Acq On : 25 Oct 2022 17:09
 Operator : JC/MD
 Sample : N5249-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-33-20221019

Quant Time: Oct 27 14:17:58 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)

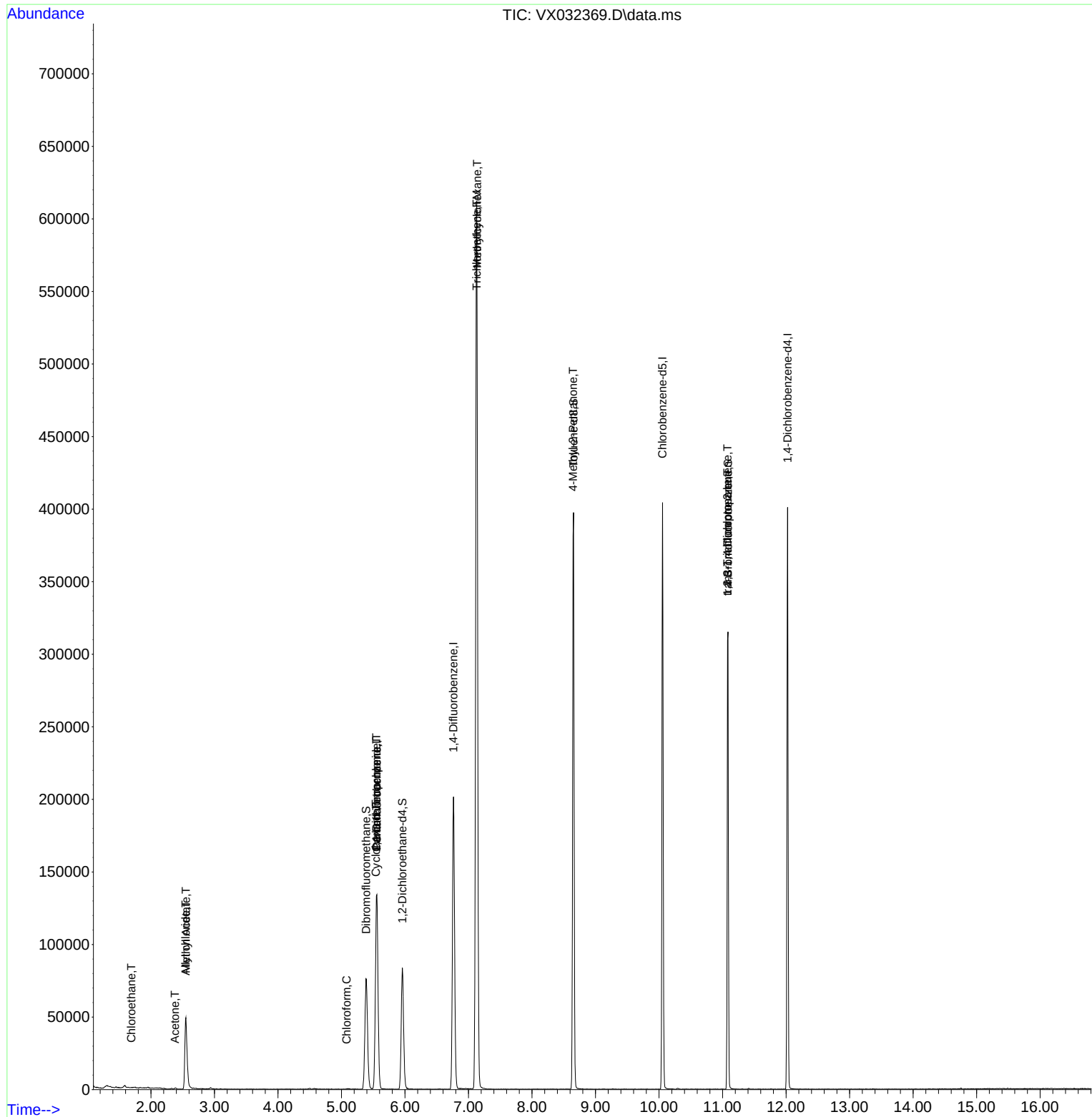
Internal Standards						
1) Pentafluorobenzene	5.556	168	128018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200848	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81709	49.063	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.120%		
35) Dibromofluoromethane	5.385	113	65095	46.575	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.160%		
50) Toluene-d8	8.653	98	238473	47.400	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.800%		
62) 4-Bromofluorobenzene	11.085	95	80538	43.716	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.440%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	42	Below Cal	#	44
6) Chloroethane	1.690	64	68	2.005	ug/l #	41
11) Tert butyl alcohol	2.940	59	397	Below Cal	#	74
14) Allyl chloride	2.544	41	6864	3.825	ug/l #	65
16) Acetone	2.379	43	1078	1.995	ug/l	96
18) Methyl Acetate	2.550	43	18661	10.171	ug/l #	50
30) Chloroform	5.080	83	506	0.205	ug/l #	17
31) Cyclohexane	5.543	56	2939	1.544	ug/l #	42
36) 1,1-Dichloropropene	5.549	75	9939	5.528	ug/l #	51
38) Carbon Tetrachloride	5.549	117	13725	7.232	ug/l #	16
39) Methylcyclohexane	7.135	83	2767	1.288	ug/l #	1
44) Trichloroethene	7.128	130	230078	160.343	ug/l	96
51) 4-Methyl-2-Pentanone	8.646	43	1177	0.680	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43857	27.601	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	43857	84.686	ug/l #	6

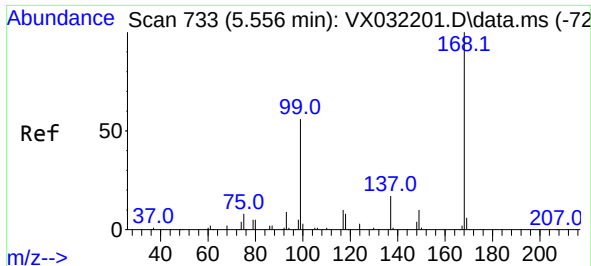
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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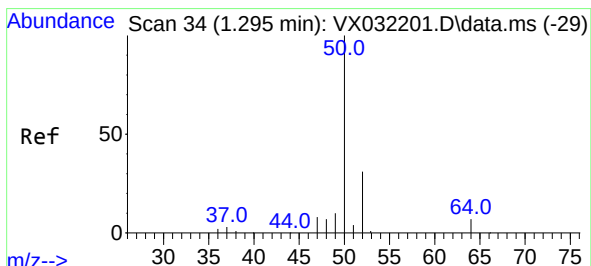
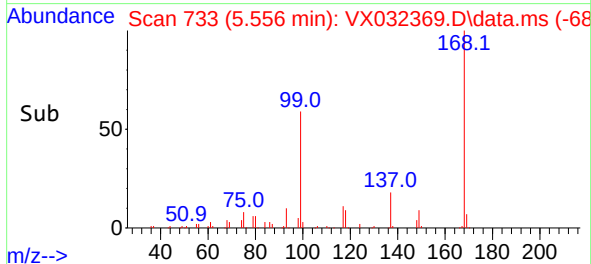
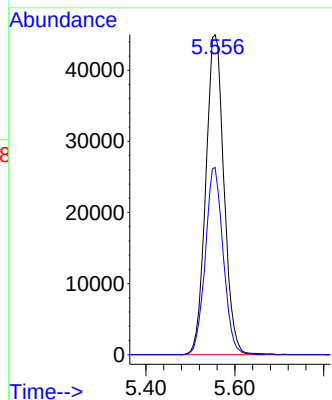
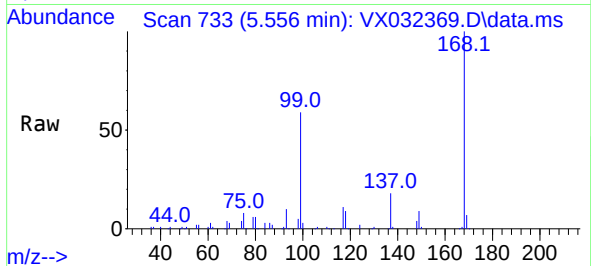




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032369.D
Acq: 25 Oct 2022 17:09

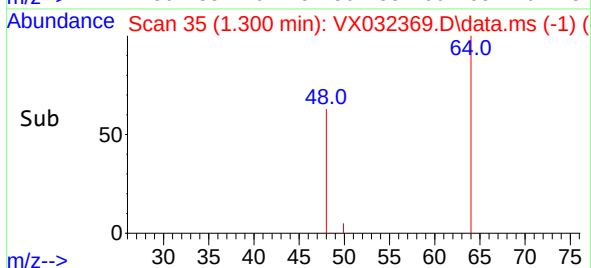
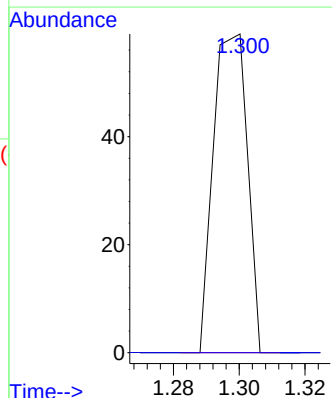
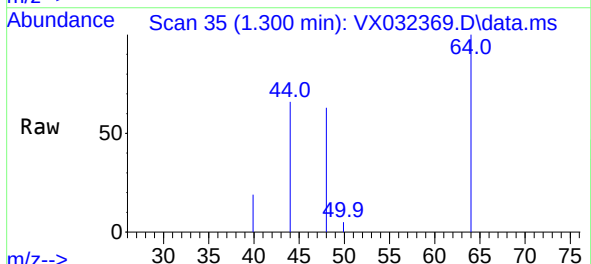
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-33-20221019

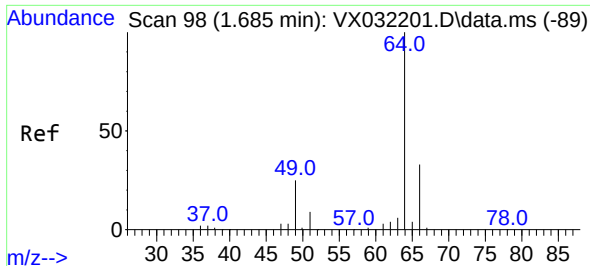
Tgt Ion:168 Resp: 128018
Ion Ratio Lower Upper
168 100
99 58.5 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX032369.D
Acq: 25 Oct 2022 17:09

Tgt Ion: 50 Resp: 42
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

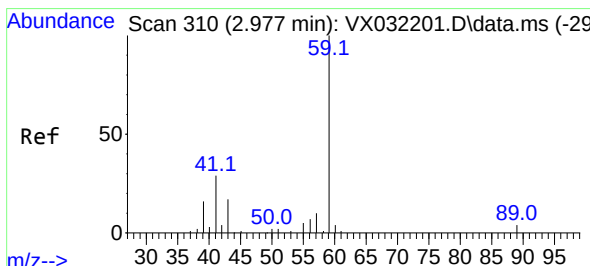
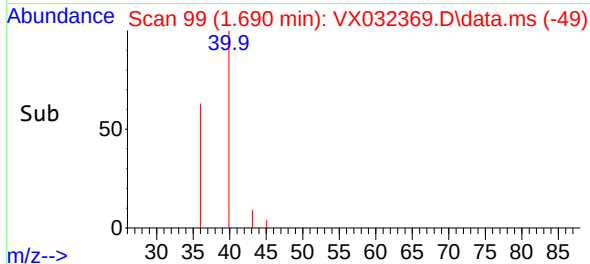
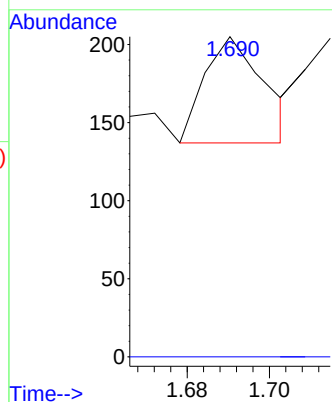
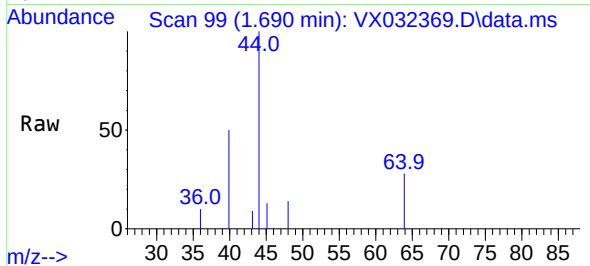




#6
Chloroethane
Concen: 2.005 ug/l
RT: 1.690 min Scan# 91
Delta R.T. 0.005 min
Lab File: VX032369.D
Acq: 25 Oct 2022 17:09

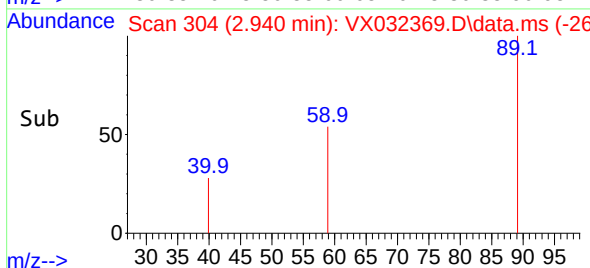
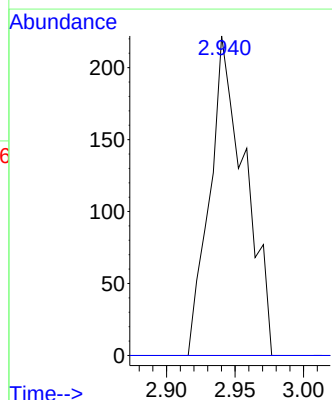
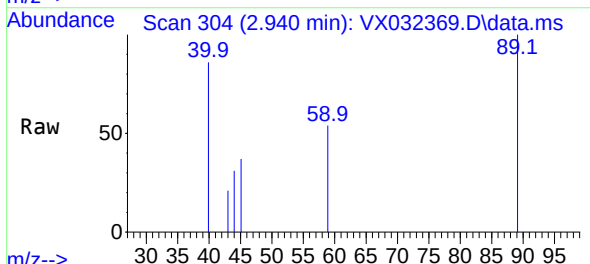
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-33-20221019

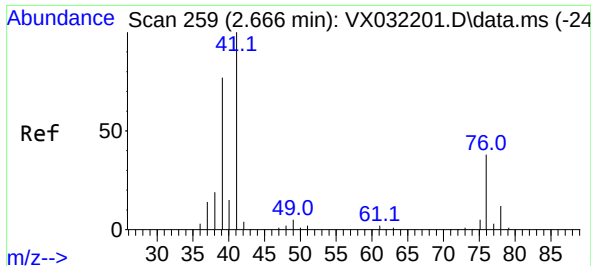
Tgt Ion: 64 Resp: 68
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX032369.D
Acq: 25 Oct 2022 17:09

Tgt Ion: 59 Resp: 397
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

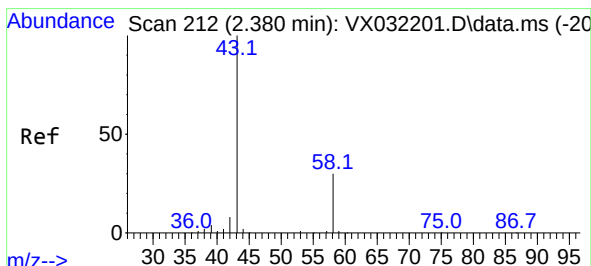
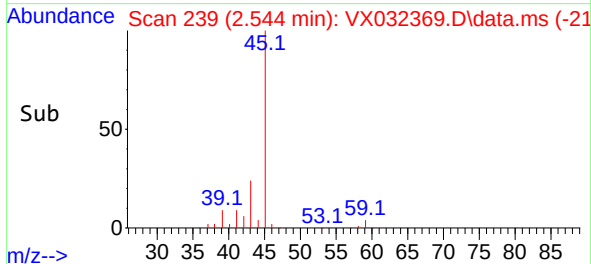
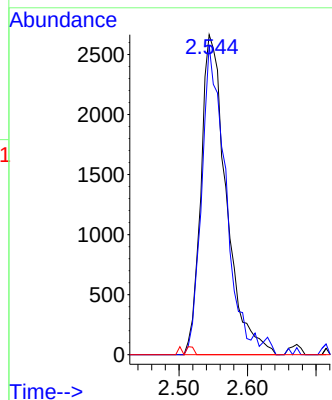
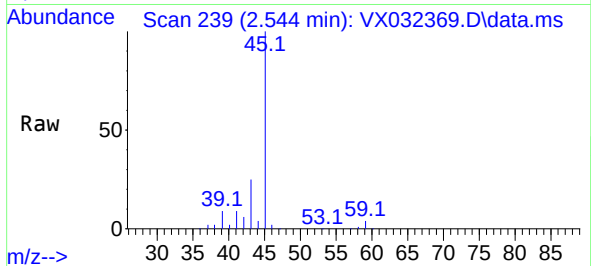




#14
 Allyl chloride
 Concen: 3.825 ug/l
 RT: 2.544 min Scan# 212
 Delta R.T. -0.122 min
 Lab File: VX032369.D
 Acq: 25 Oct 2022 17:09

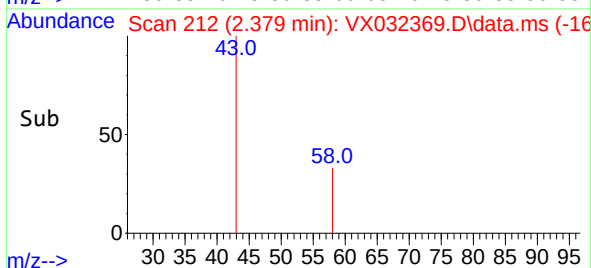
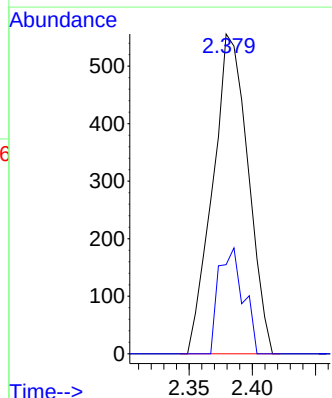
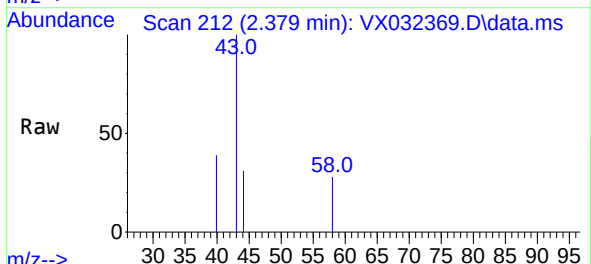
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-33-20221019

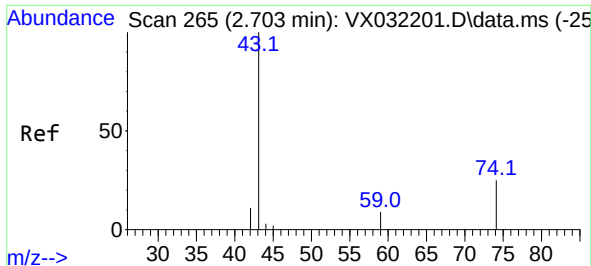
Tgt Ion: 41 Resp: 6864
 Ion Ratio Lower Upper
 41 100
 39 93.0 59.5 89.3#
 76 0.0 28.6 42.8#



#16
 Acetone
 Concen: 1.995 ug/l
 RT: 2.379 min Scan# 212
 Delta R.T. -0.001 min
 Lab File: VX032369.D
 Acq: 25 Oct 2022 17:09

Tgt Ion: 43 Resp: 1078
 Ion Ratio Lower Upper
 43 100
 58 27.9 24.2 36.2





#18

Methyl Acetate

Concen: 10.171 ug/l

RT: 2.550 min Scan# 24

Delta R.T. -0.153 min

Lab File: VX032369.D

Acq: 25 Oct 2022 17:09

Instrument :

MSVOA_X

ClientSampleId :

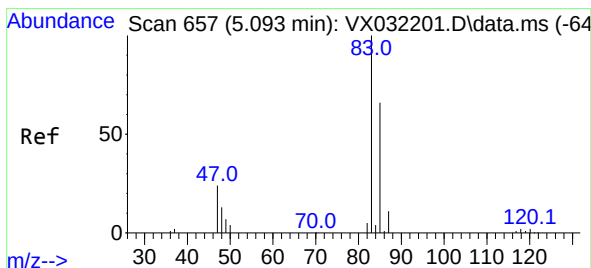
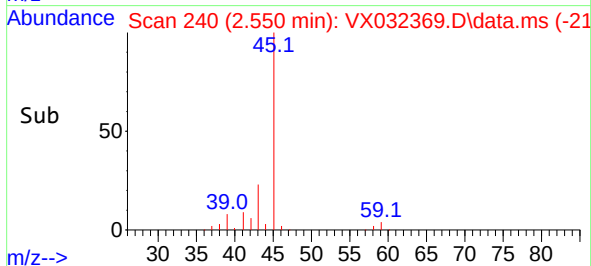
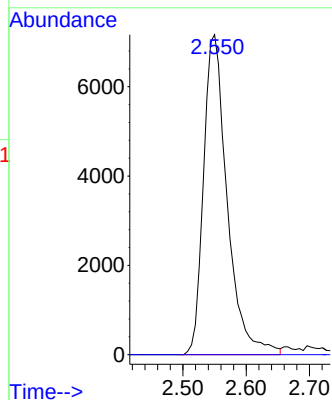
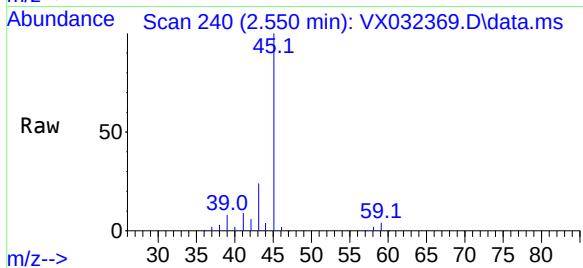
FSND-MW-33-20221019

Tgt Ion: 43 Resp: 18661

Ion Ratio Lower Upper

43 100

74 0.0 19.8 29.8#



#30

Chloroform

Concen: 0.205 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.013 min

Lab File: VX032369.D

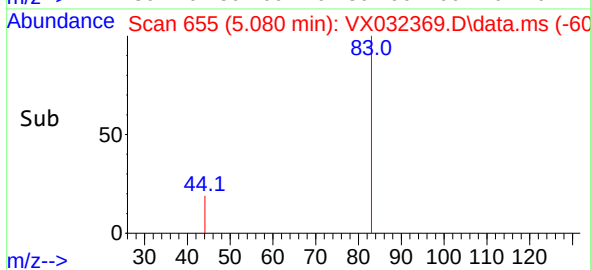
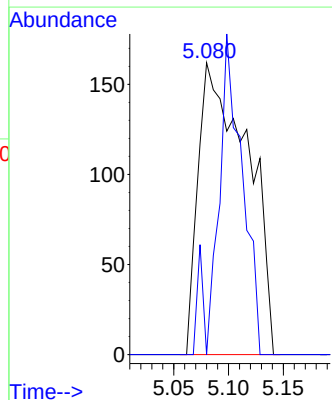
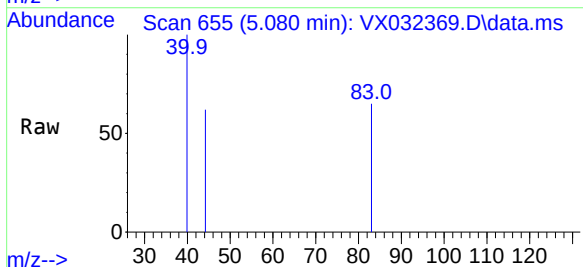
Acq: 25 Oct 2022 17:09

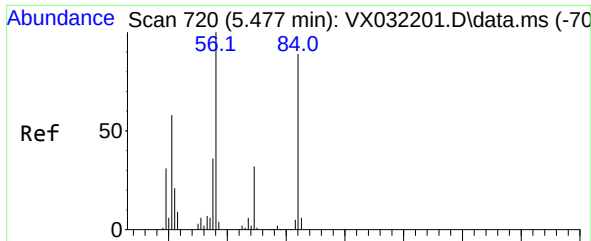
Tgt Ion: 83 Resp: 506

Ion Ratio Lower Upper

83 100

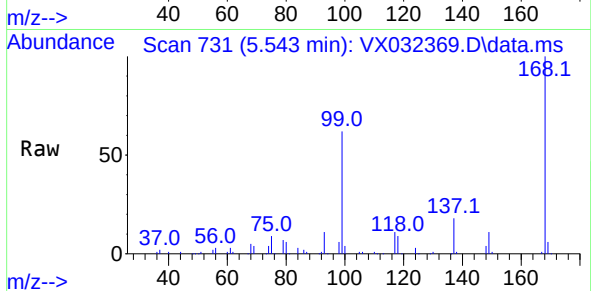
85 0.0 52.5 78.7#



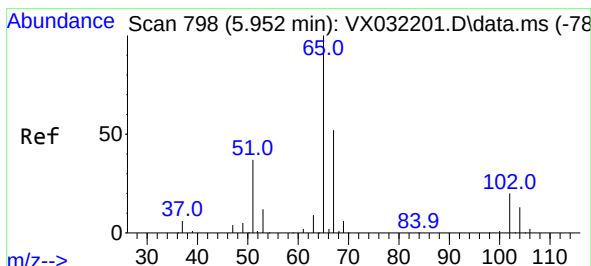
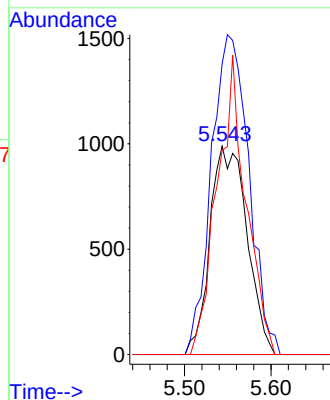
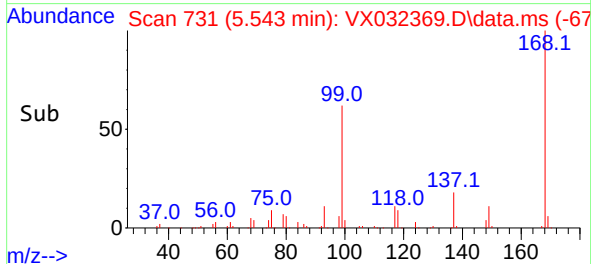


#31
Cyclohexane
Concen: 1.544 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.066 min
Lab File: VX032369.D
Acq: 25 Oct 2022 17:09

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-33-20221019

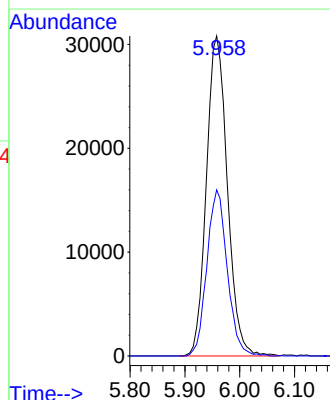
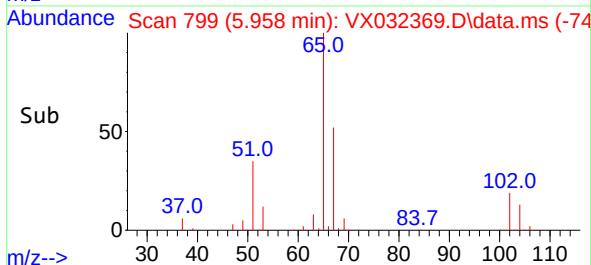
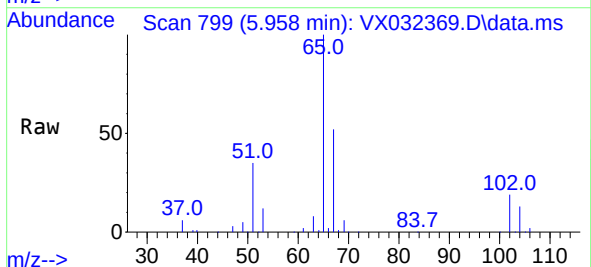


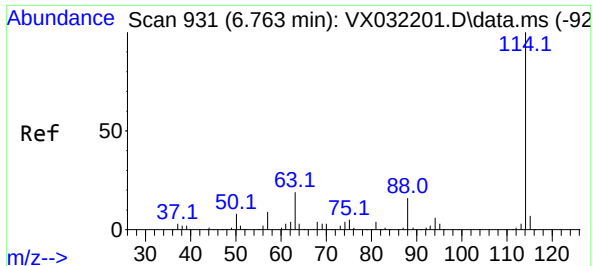
Tgt Ion: 56 Resp: 2939
Ion Ratio Lower Upper
56 100
69 139.4 25.4 38.0#
84 98.1 71.2 106.8



#33
1,2-Dichloroethane-d4
Concen: 49.063 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032369.D
Acq: 25 Oct 2022 17:09

Tgt Ion: 65 Resp: 81709
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.6

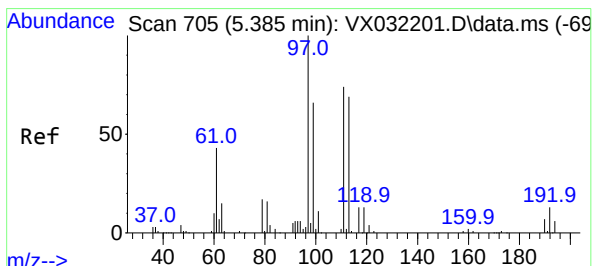
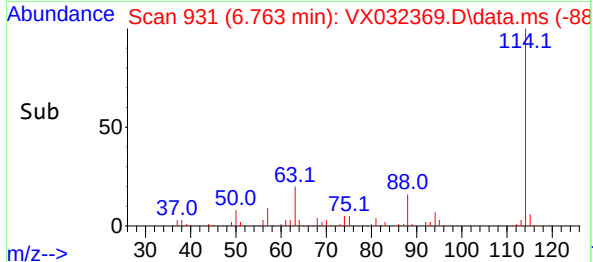
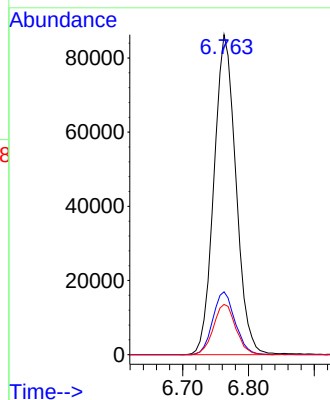
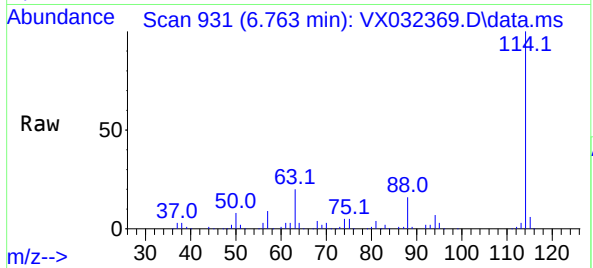




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032369.D
Acq: 25 Oct 2022 17:09

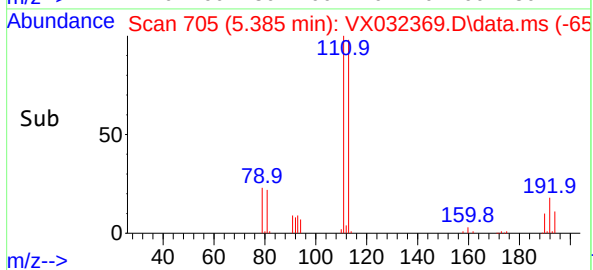
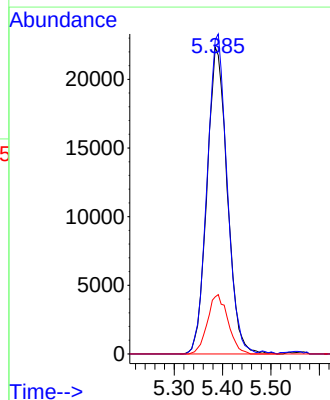
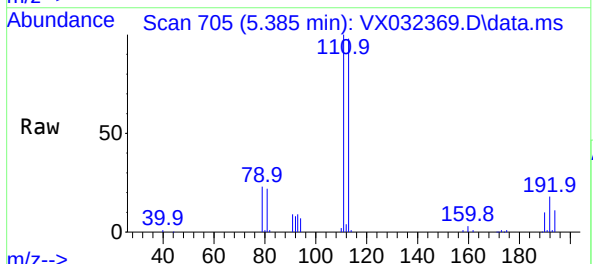
Instrument :
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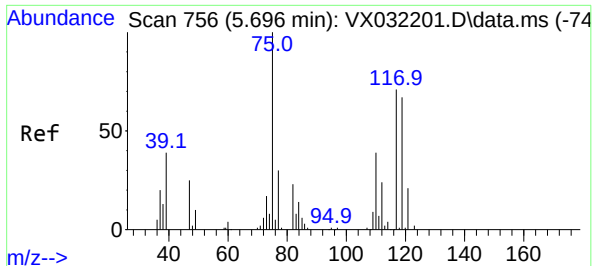
Tgt Ion:114 Resp: 200848
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.6
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.575 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032369.D
Acq: 25 Oct 2022 17:09

Tgt Ion:113 Resp: 65095
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 19.6 15.5 23.3

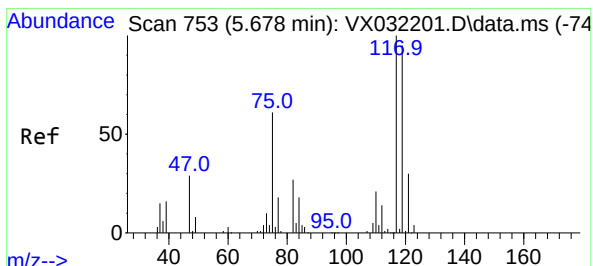
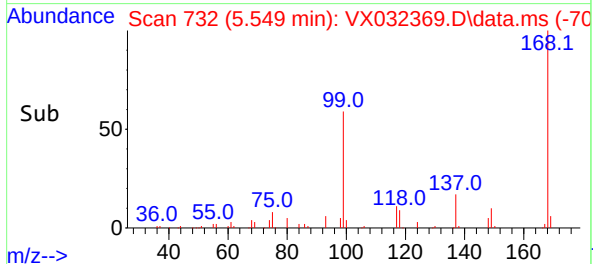
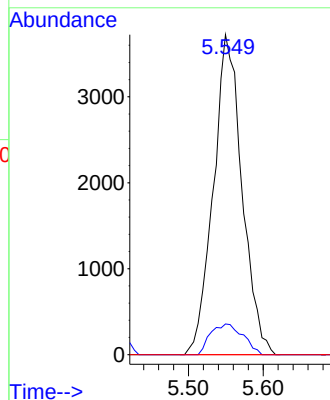
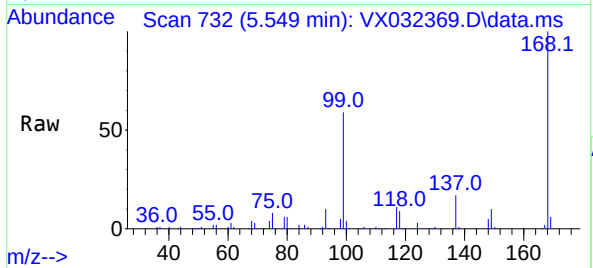




#36
1,1-Dichloropropene
Concen: 5.528 ug/l
RT: 5.549 min Scan# 712
Delta R.T. -0.147 min
Lab File: VX032369.D
Acq: 25 Oct 2022 17:09

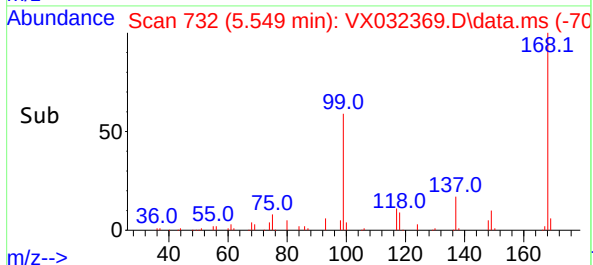
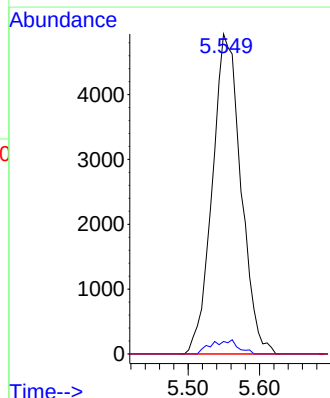
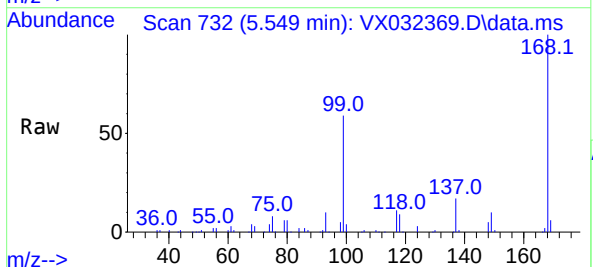
Instrument :
MSVOA_X
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FSND-MW-33-20221019

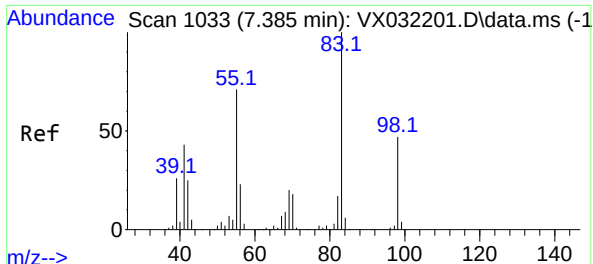
Tgt Ion: 75 Resp: 9939
Ion Ratio Lower Upper
75 100
110 10.8 18.4 55.0#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.232 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.129 min
Lab File: VX032369.D
Acq: 25 Oct 2022 17:09

Tgt Ion: 117 Resp: 13725
Ion Ratio Lower Upper
117 100
119 3.9 75.4 113.0#
121 0.0 23.9 35.9#





#39

Methylcyclohexane

Concen: 1.288 ug/l

RT: 7.135 min Scan# 991

Delta R.T. -0.250 min

Lab File: VX032369.D

Acq: 25 Oct 2022 17:09

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-33-20221019

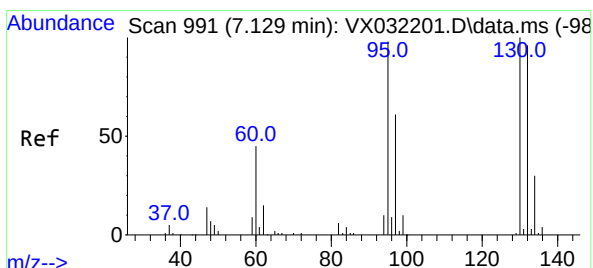
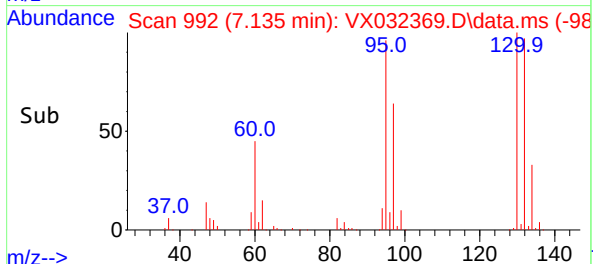
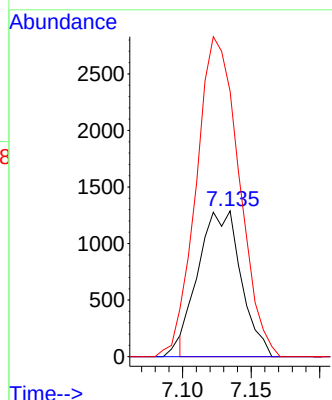
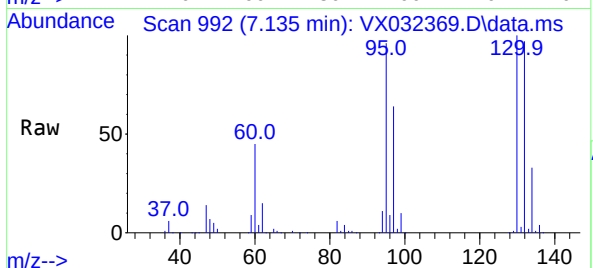
Tgt Ion: 83 Resp: 2767

Ion Ratio Lower Upper

83 100

55 0.0 56.6 85.0#

98 181.9 37.4 56.0#



#44

Trichloroethene

Concen: 160.343 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.001 min

Lab File: VX032369.D

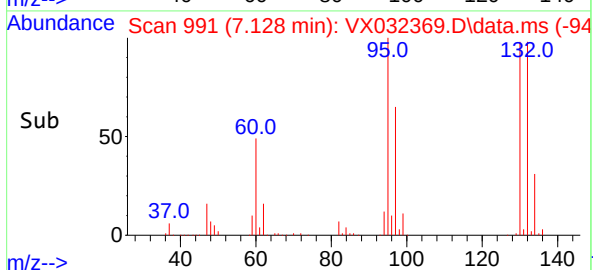
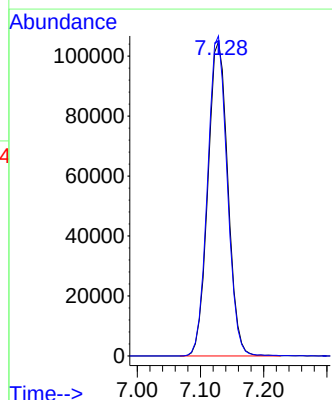
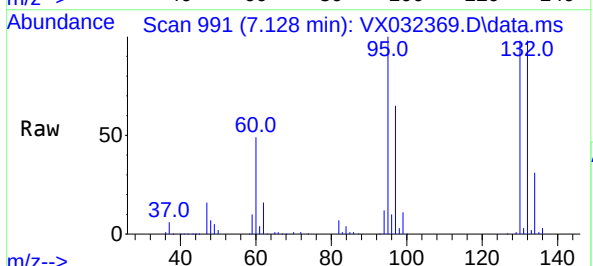
Acq: 25 Oct 2022 17:09

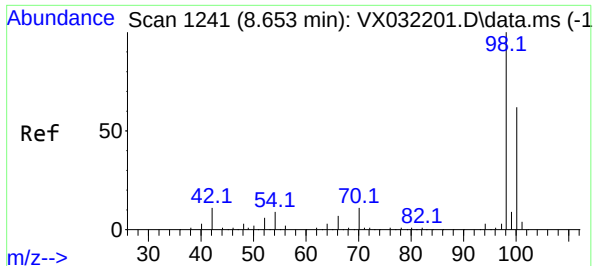
Tgt Ion:130 Resp: 230078

Ion Ratio Lower Upper

130 100

95 101.9 0.0 196.8

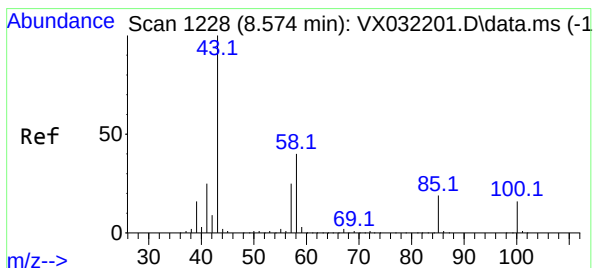
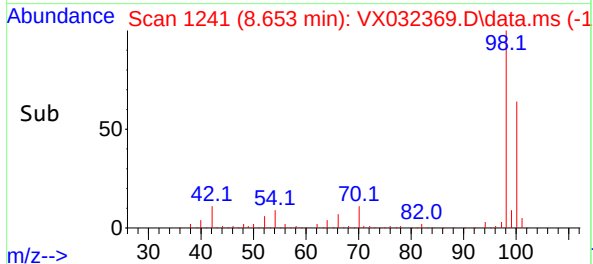
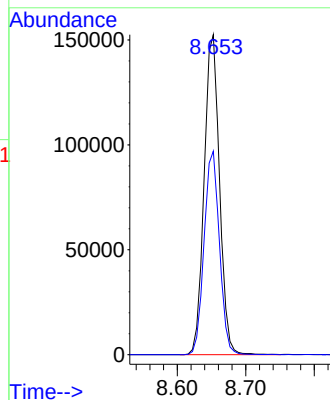
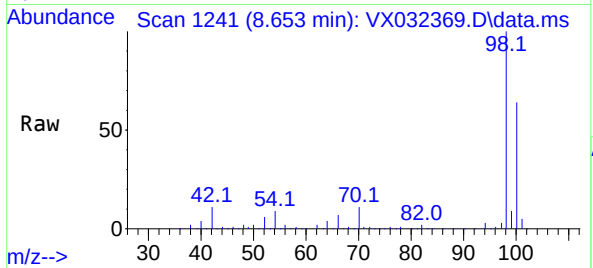




#50
Toluene-d8
Concen: 47.400 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032369.D
Acq: 25 Oct 2022 17:09

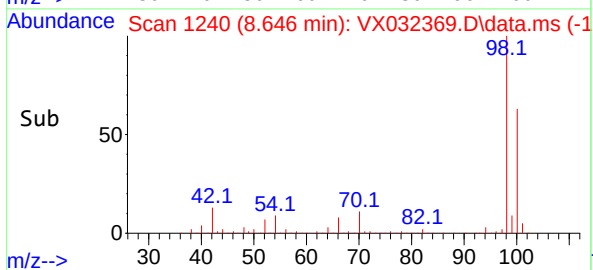
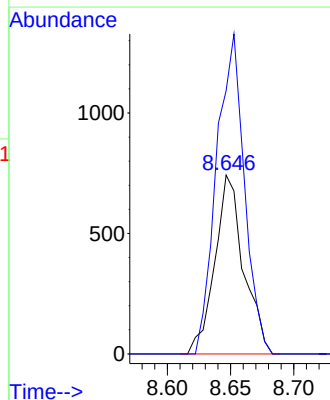
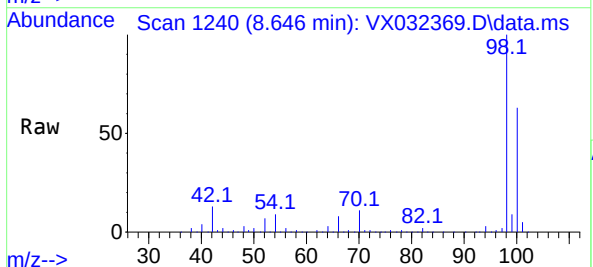
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-33-20221019

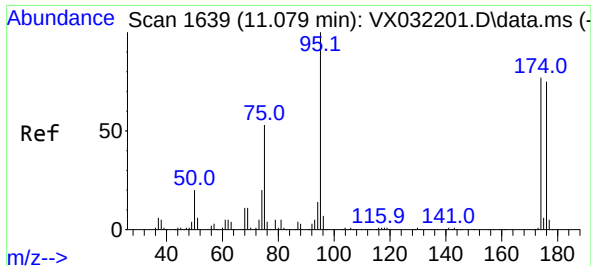
Tgt Ion: 98 Resp: 238473
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.680 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.072 min
Lab File: VX032369.D
Acq: 25 Oct 2022 17:09

Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
58 172.9 31.0 46.4#

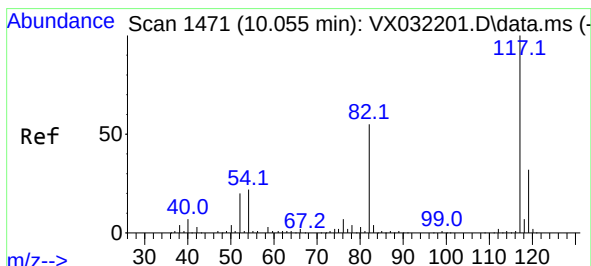
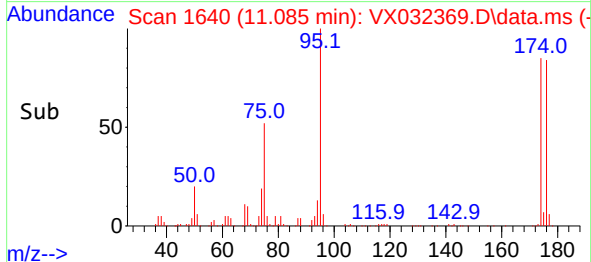
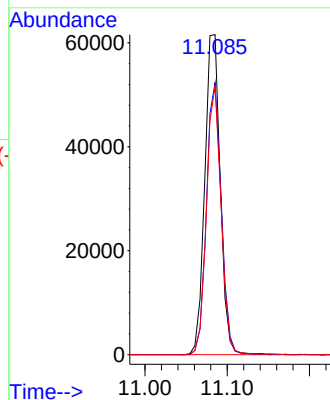
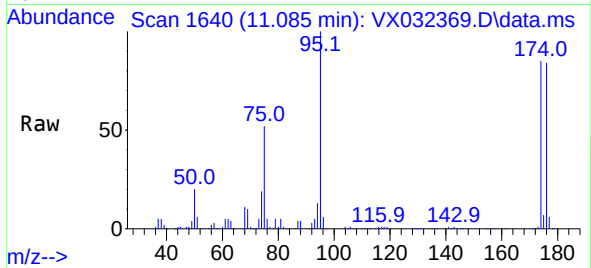




#62
4-Bromofluorobenzene
Concen: 43.716 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX032369.D
Acq: 25 Oct 2022 17:09

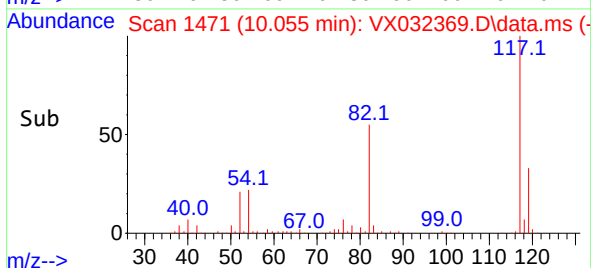
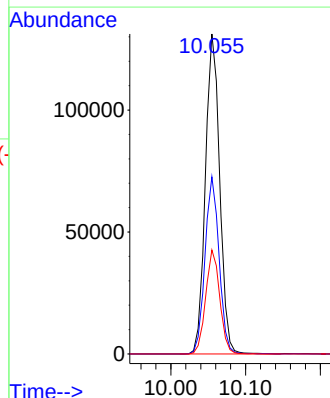
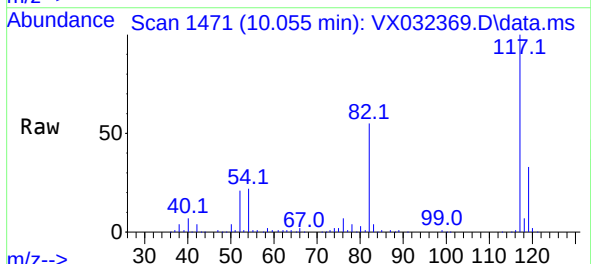
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-33-20221019

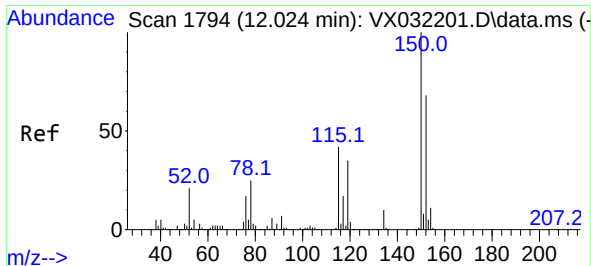
Tgt Ion: 95 Resp: 80538
Ion Ratio Lower Upper
95 100
174 81.8 0.0 166.8
176 79.1 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032369.D
Acq: 25 Oct 2022 17:09

Tgt Ion: 117 Resp: 174436
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.4
119 32.5 25.8 38.8

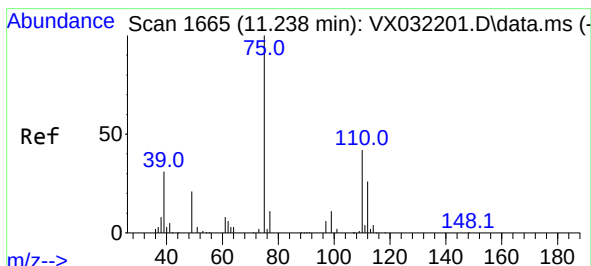
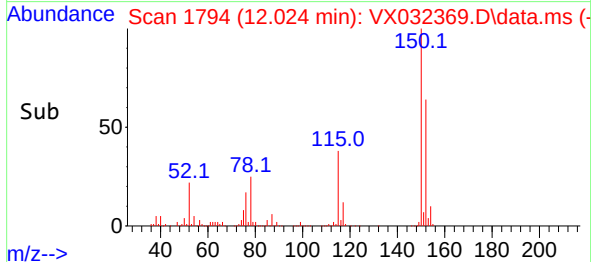
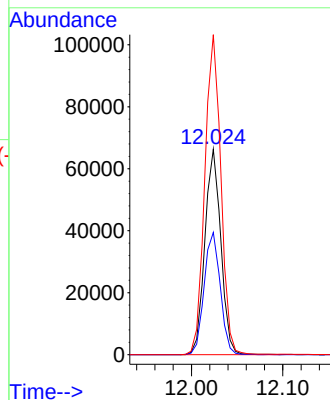
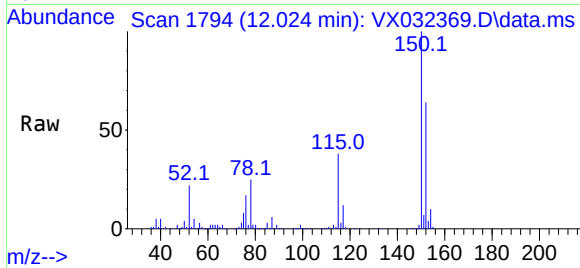




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032369.D
Acq: 25 Oct 2022 17:09

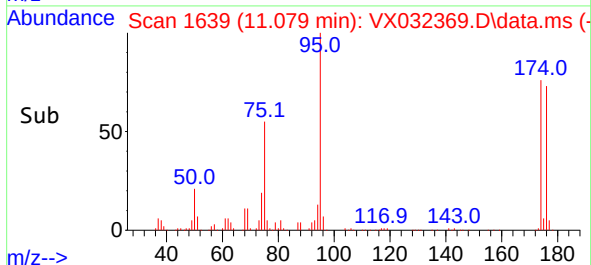
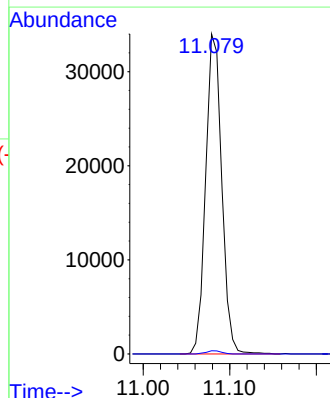
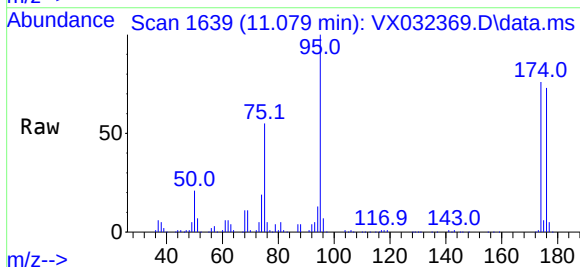
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-33-20221019

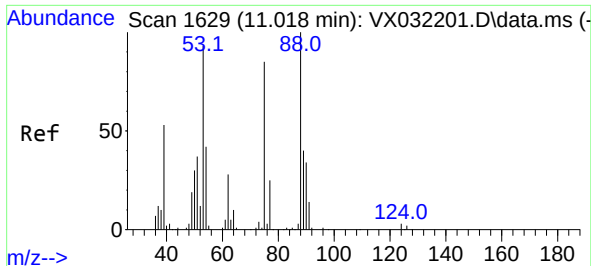
Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	43.1	129.4
150	156.8	0.0	348.6



#76
1,2,3-Trichloropropane
Concen: 27.601 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032369.D
Acq: 25 Oct 2022 17:09

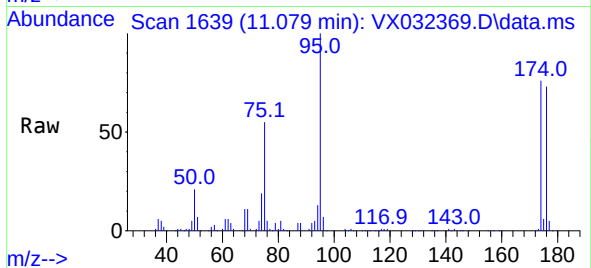
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.0	16.0	47.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.686 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032369.D
Acq: 25 Oct 2022 17:09

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-33-20221019



Tgt Ion: 75 Resp: 43857
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

