

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032318.D
 Acq On : 22 Oct 2022 04:02
 Operator : JC/MD
 Sample : N5248-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-34-20221019

Quant Time: Oct 22 06:05:32 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)

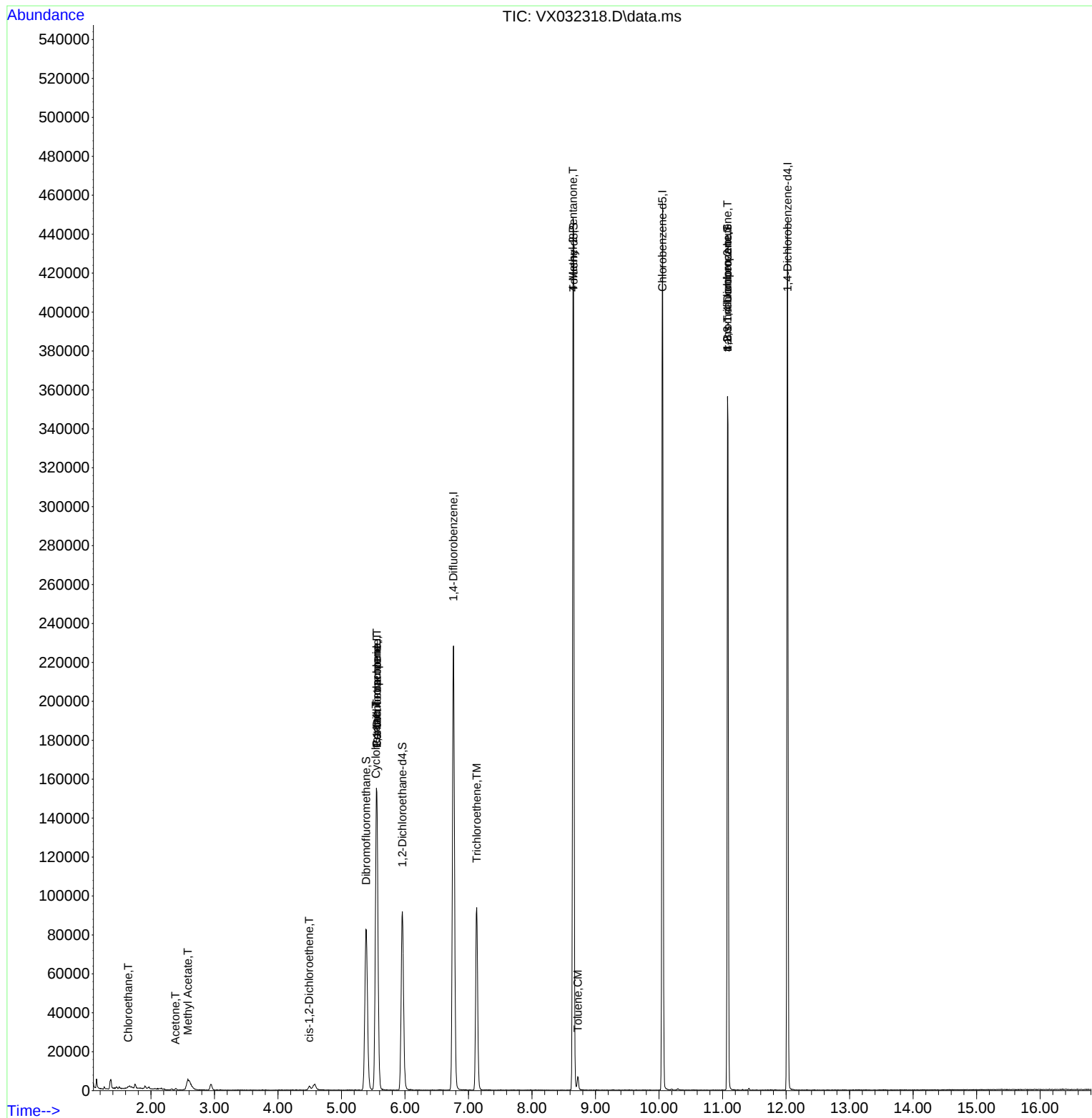
Internal Standards						
1) Pentafluorobenzene	5.556	168	145612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227717	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91766	48.444	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.880%		
35) Dibromofluoromethane	5.385	113	71113	44.877	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.760%		
50) Toluene-d8	8.653	98	264714	46.408	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.820%		
62) 4-Bromofluorobenzene	11.079	95	91574	43.841	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.680%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	45	Below Cal	#	44
6) Chloroethane	1.642	64	96	2.017	ug/l #	41
11) Tert butyl alcohol	2.946	59	1941	Below Cal	#	74
16) Acetone	2.385	43	963	1.567	ug/l	97
18) Methyl Acetate	2.580	43	4659	2.232	ug/l #	50
27) cis-1,2-Dichloroethene	4.489	96	1567	0.945	ug/l	80
31) Cyclohexane	5.543	56	3070	1.418	ug/l #	29
36) 1,1-Dichloropropene	5.556	75	11450	5.617	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14732	6.846	ug/l #	16
44) Trichloroethene	7.128	130	36643	22.524	ug/l	100
51) 4-Methyl-2-Pentanone	8.646	43	1124	0.572	ug/l #	1
52) Toluene	8.720	92	2742	0.716	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	51152	28.425	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	51152	87.130	ug/l #	6

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

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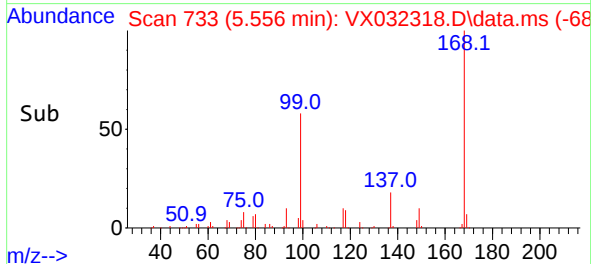
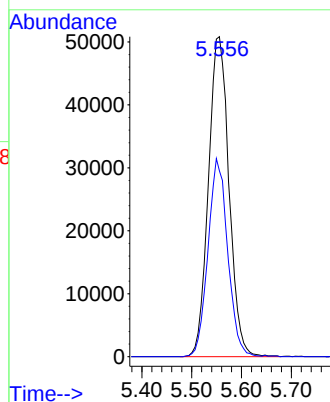
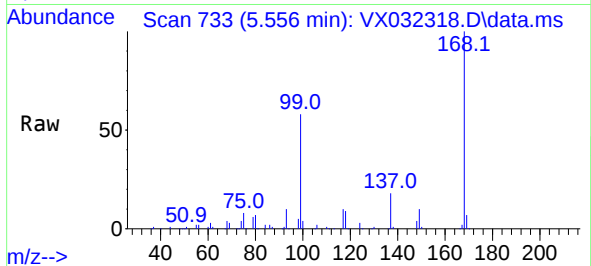




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032318.D
Acq: 22 Oct 2022 04:02

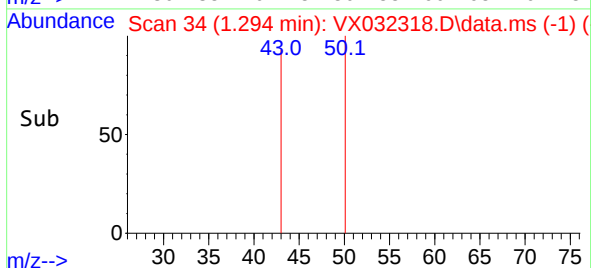
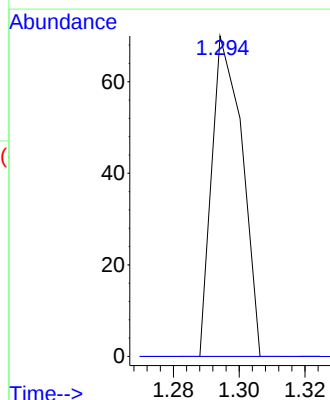
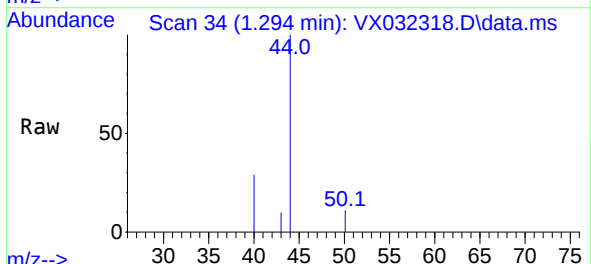
Instrument : MSVOA_X
ClientSampleId : FSND-MW-34-20221019

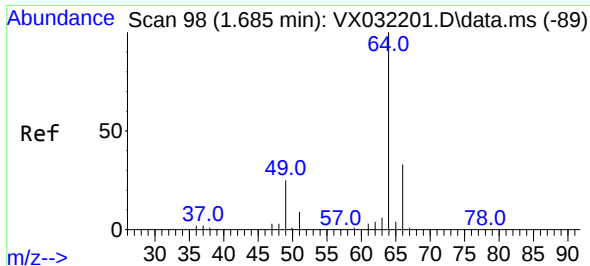
Tgt Ion:168 Resp: 145612
Ion Ratio Lower Upper
168 100
99 58.1 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032318.D
Acq: 22 Oct 2022 04:02

Tgt Ion: 50 Resp: 45
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

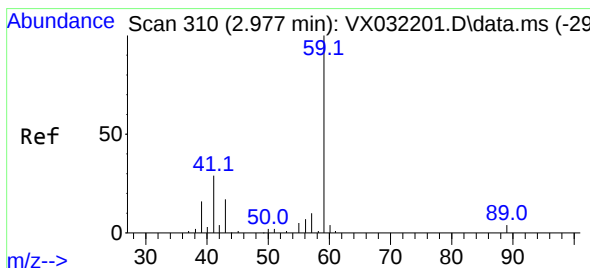
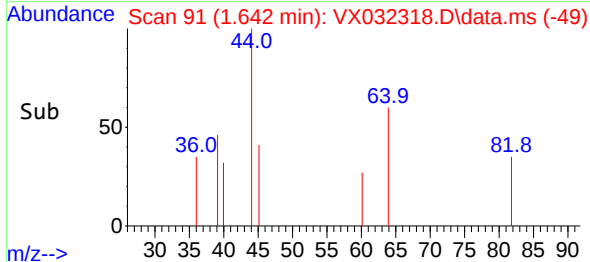
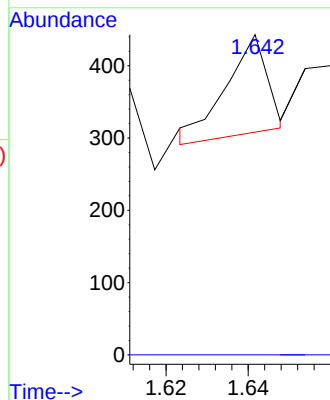
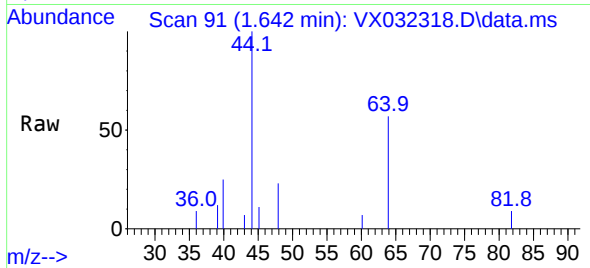




#6
Chloroethane
Concen: 2.017 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.043 min
Lab File: VX032318.D
Acq: 22 Oct 2022 04:02

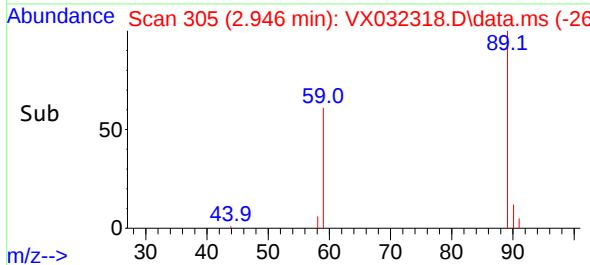
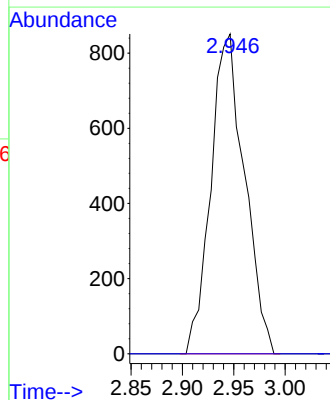
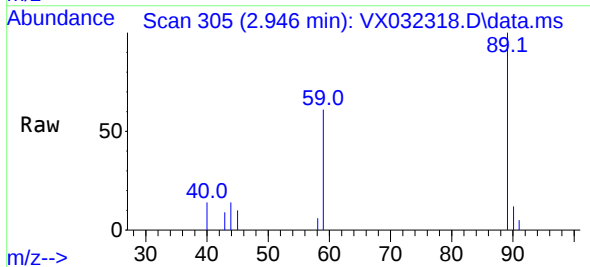
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-34-20221019

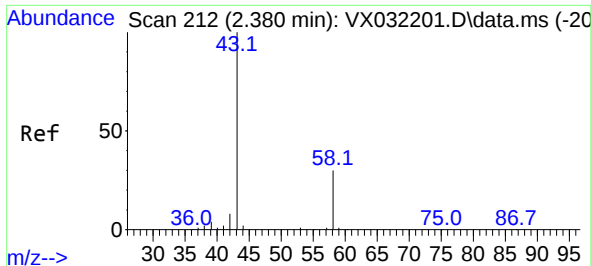
Tgt Ion: 64 Resp: 96
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX032318.D
Acq: 22 Oct 2022 04:02

Tgt Ion: 59 Resp: 1941
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

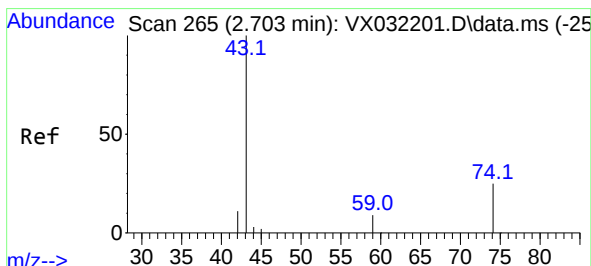
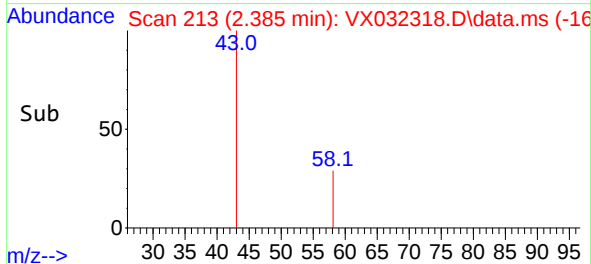
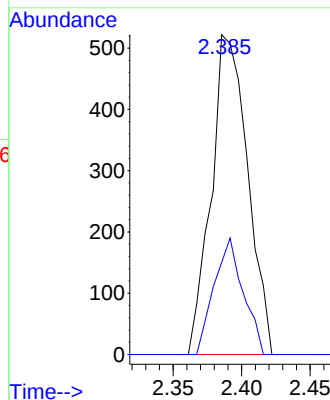
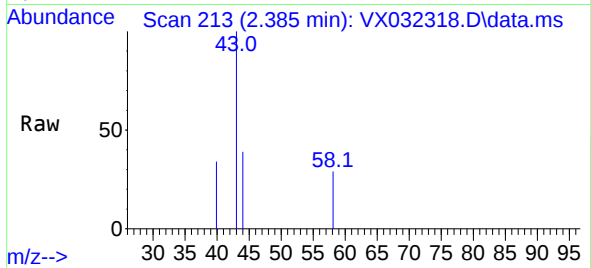




#16
Acetone
Concen: 1.567 ug/l
RT: 2.385 min Scan# 212
Delta R.T. 0.005 min
Lab File: VX032318.D
Acq: 22 Oct 2022 04:02

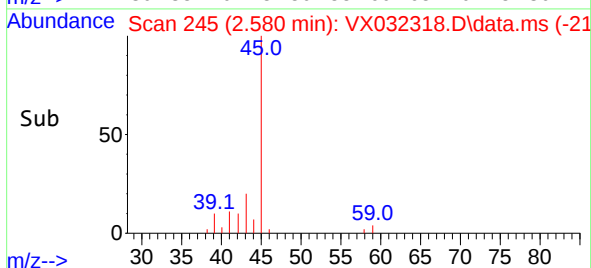
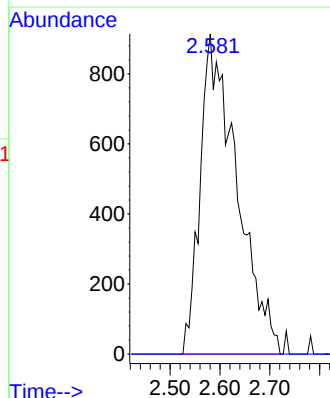
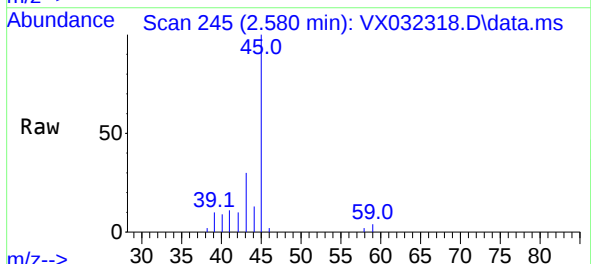
Instrument : MSVOA_X
ClientSampleId : FSND-MW-34-20221019

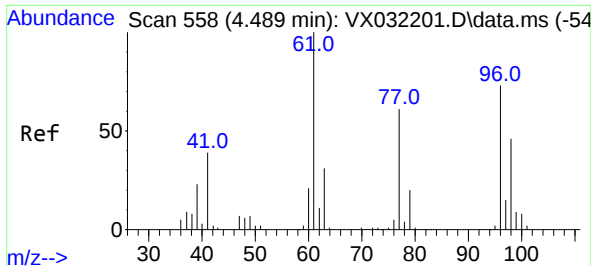
Tgt Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
58 28.7 24.2 36.2



#18
Methyl Acetate
Concen: 2.232 ug/l
RT: 2.580 min Scan# 245
Delta R.T. -0.123 min
Lab File: VX032318.D
Acq: 22 Oct 2022 04:02

Tgt Ion: 43 Resp: 4659
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#

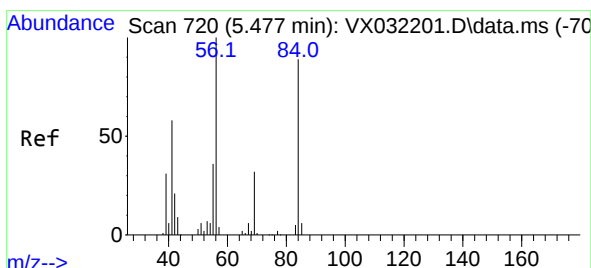
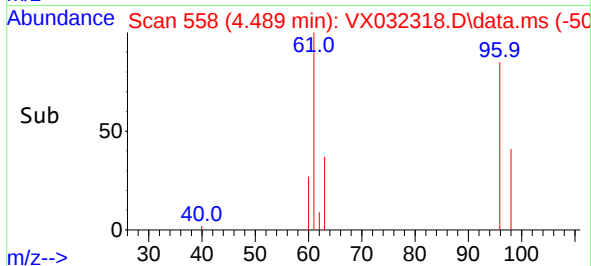
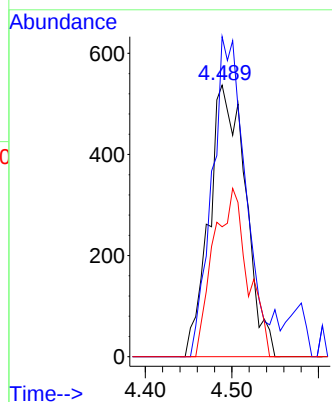
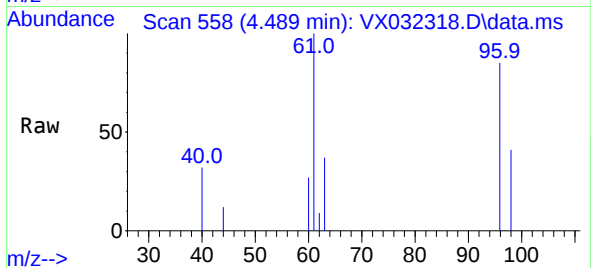




#27
cis-1,2-Dichloroethene
Concen: 0.945 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX032318.D
Acq: 22 Oct 2022 04:02

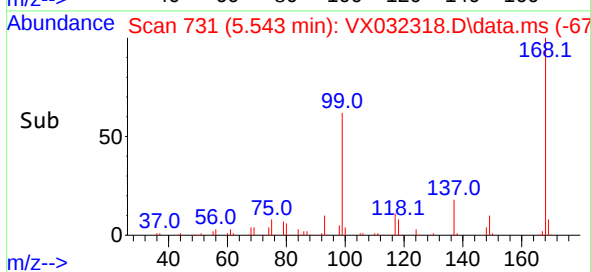
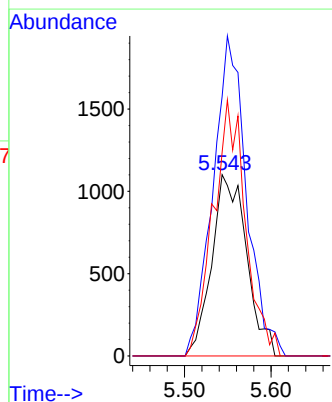
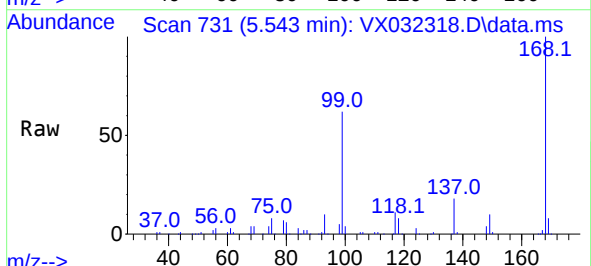
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-34-20221019

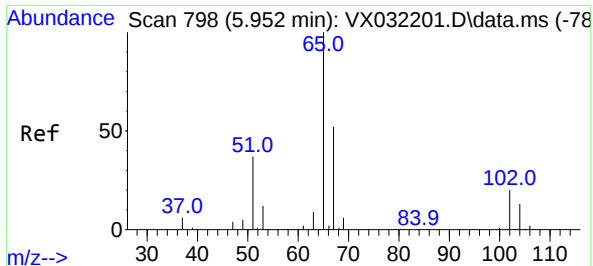
Tgt Ion: 96 Resp: 1567
Ion Ratio Lower Upper
96 100
61 107.8 0.0 279.2
98 58.2 0.0 128.0



#31
Cyclohexane
Concen: 1.418 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.066 min
Lab File: VX032318.D
Acq: 22 Oct 2022 04:02

Tgt Ion: 56 Resp: 3070
Ion Ratio Lower Upper
56 100
69 143.1 25.4 38.0#
84 112.4 71.2 106.8#





#33

1,2-Dichloroethane-d4

Concen: 48.444 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032318.D

Acq: 22 Oct 2022 04:02

Instrument :

MSVOA_X

ClientSampleId :

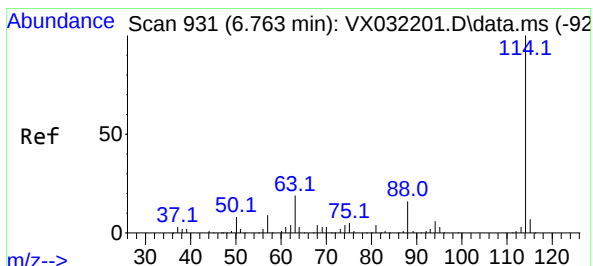
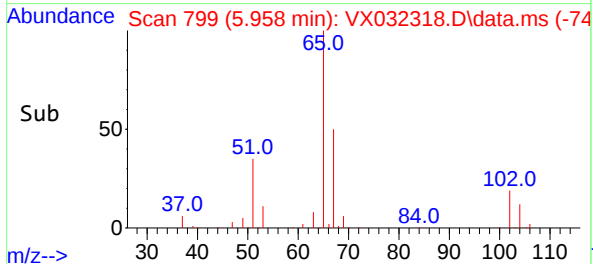
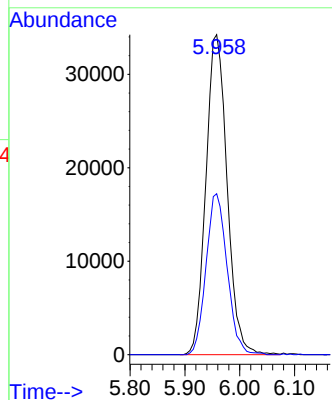
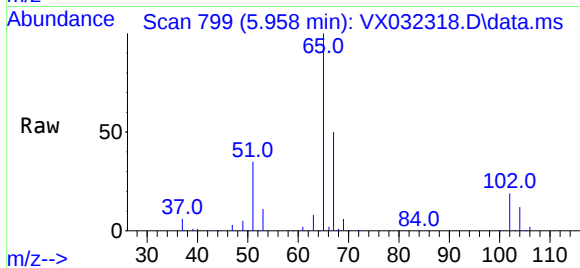
FSND-MW-34-20221019

Tgt Ion: 65 Resp: 91766

Ion Ratio Lower Upper

65 100

67 50.1 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: VX032318.D

Acq: 22 Oct 2022 04:02

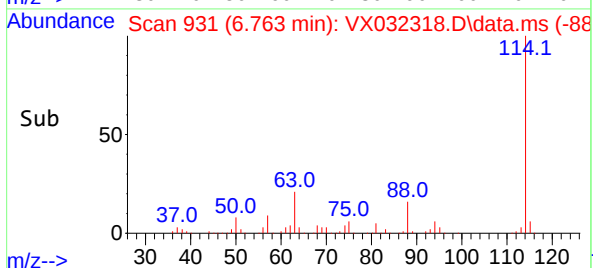
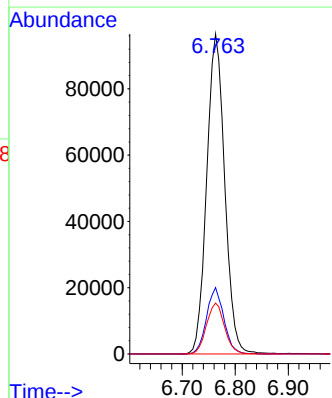
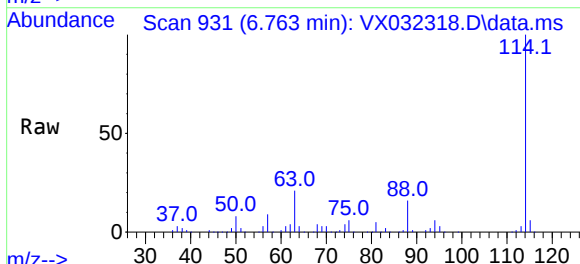
Tgt Ion: 114 Resp: 227717

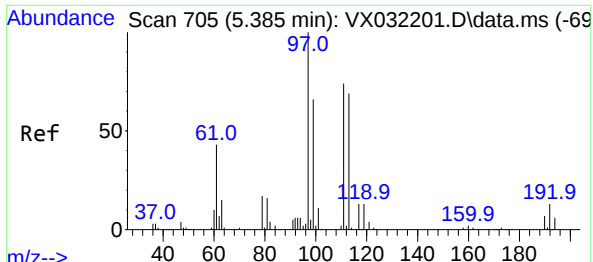
Ion Ratio Lower Upper

114 100

63 20.8 0.0 38.6

88 15.9 0.0 32.6

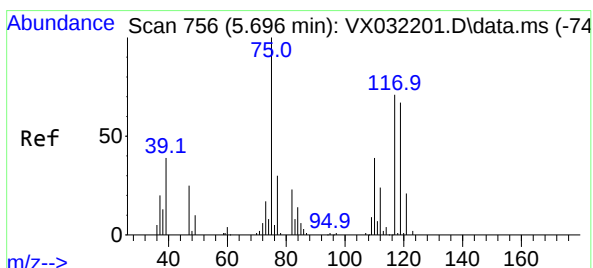
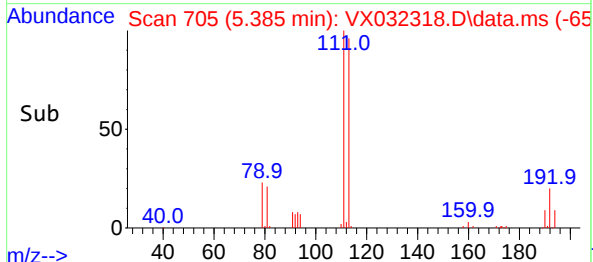
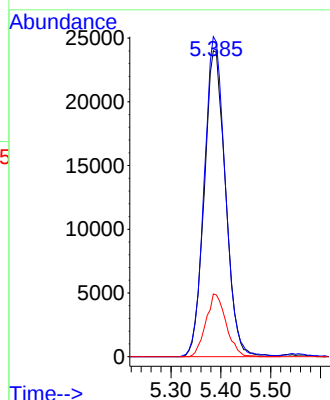
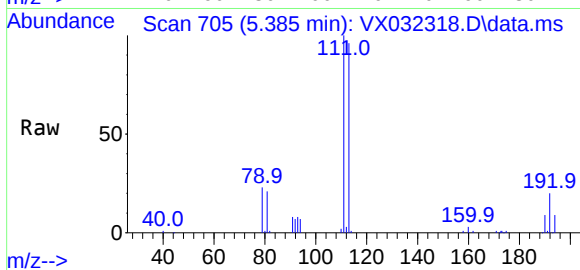




#35
Dibromofluoromethane
Concen: 44.877 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032318.D
Acq: 22 Oct 2022 04:02

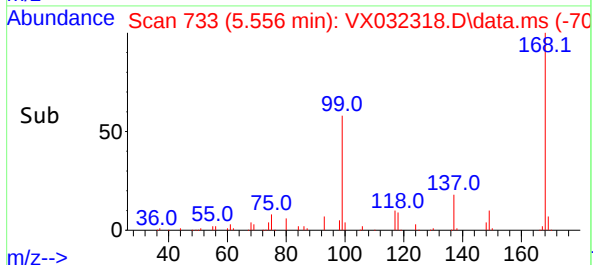
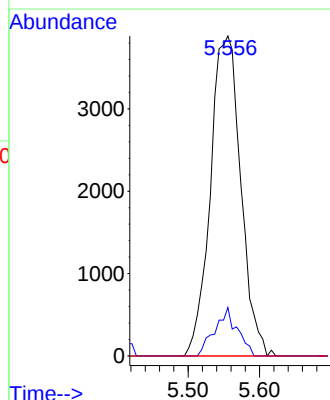
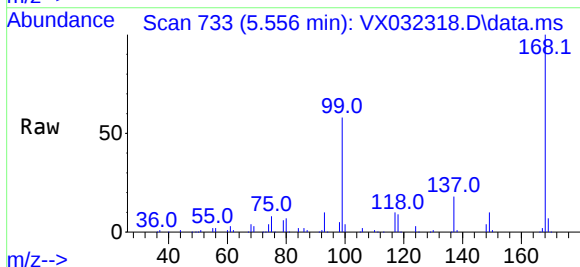
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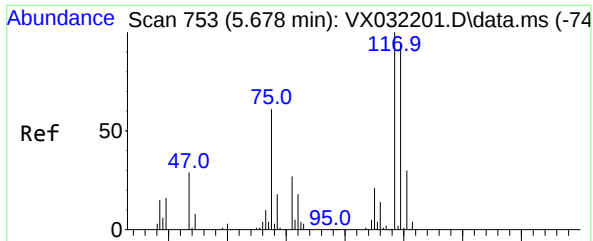
Tgt Ion:	113	Resp:	71113
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.8	124.2
192	19.5	15.5	23.3



#36
1,1-Dichloropropene
Concen: 5.617 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032318.D
Acq: 22 Oct 2022 04:02

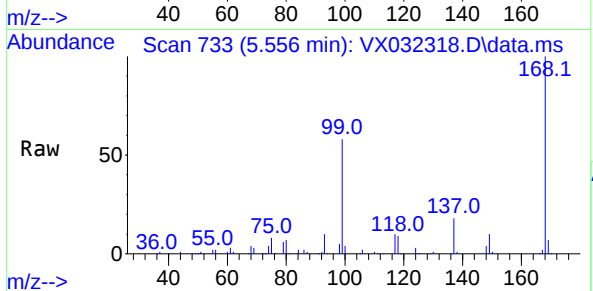
Tgt Ion:	75	Resp:	11450
Ion	Ratio	Lower	Upper
75	100		
110	11.2	18.4	55.0#
77	0.0	24.7	37.1#



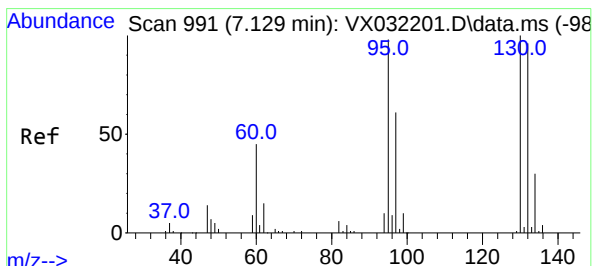
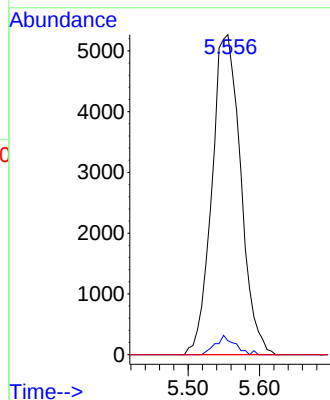
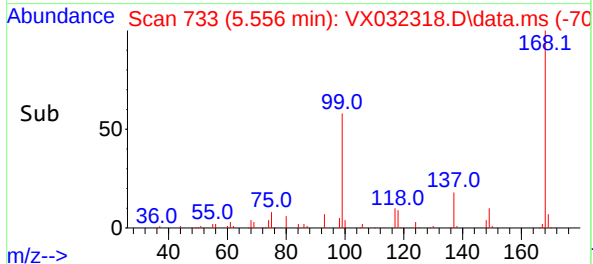


#38
Carbon Tetrachloride
Concen: 6.846 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX032318.D
Acq: 22 Oct 2022 04:02

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-34-20221019

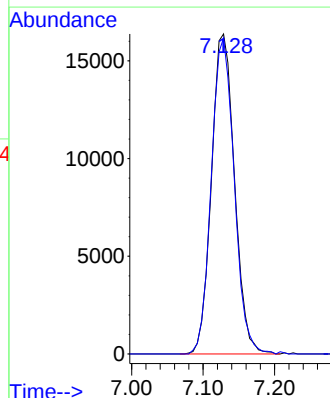
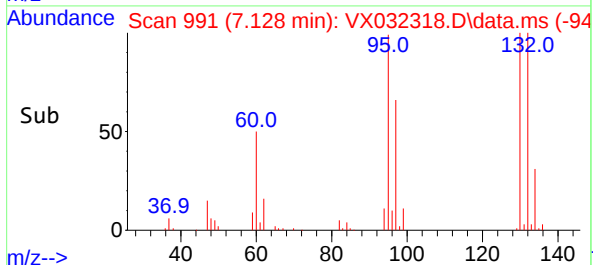
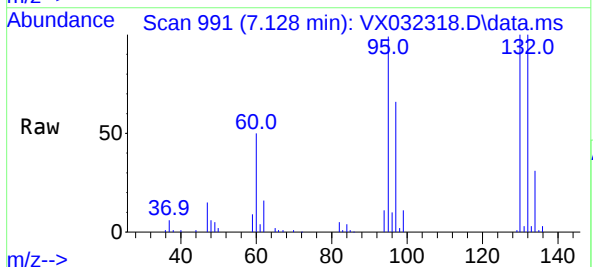


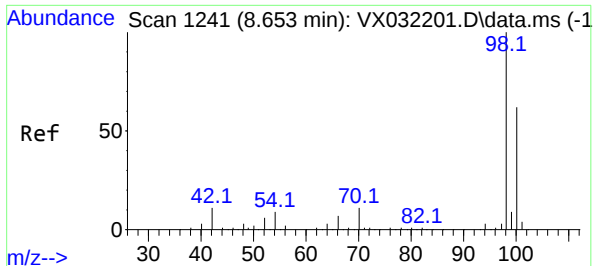
Tgt Ion:117 Resp: 14732
Ion Ratio Lower Upper
117 100
119 4.3 75.4 113.0#
121 0.0 23.9 35.9#



#44
Trichloroethene
Concen: 22.524 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX032318.D
Acq: 22 Oct 2022 04:02

Tgt Ion:130 Resp: 36643
Ion Ratio Lower Upper
130 100
95 98.8 0.0 196.8

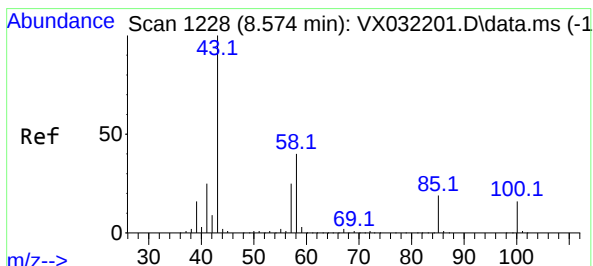
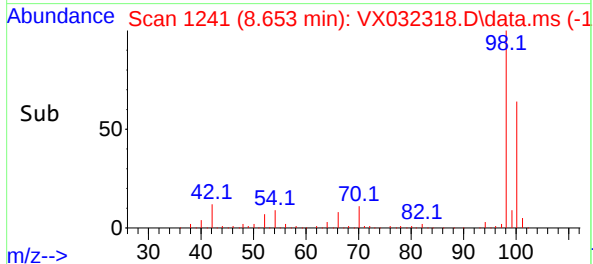
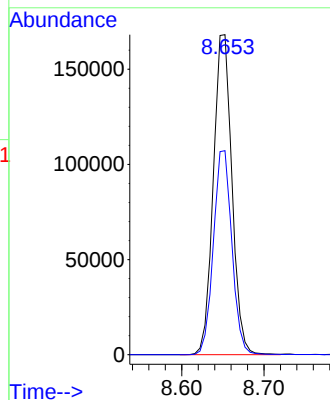
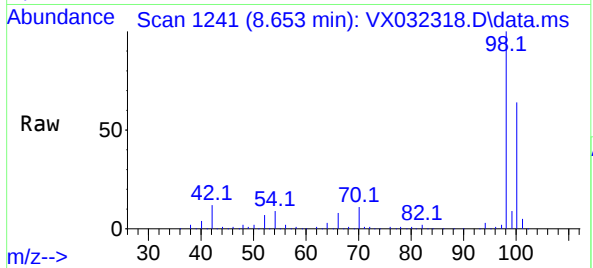




#50
Toluene-d8
Concen: 46.408 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032318.D
Acq: 22 Oct 2022 04:02

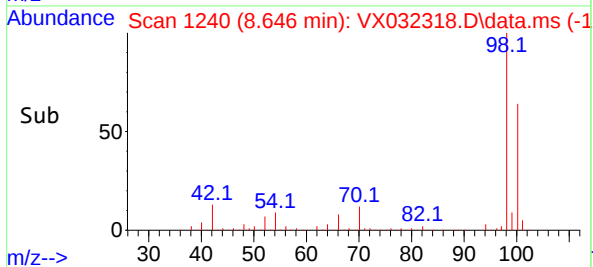
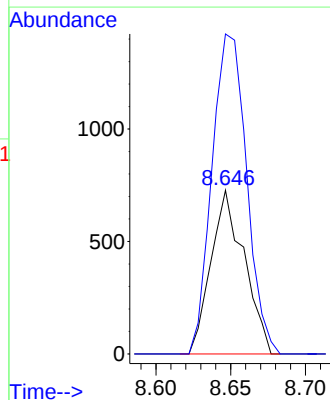
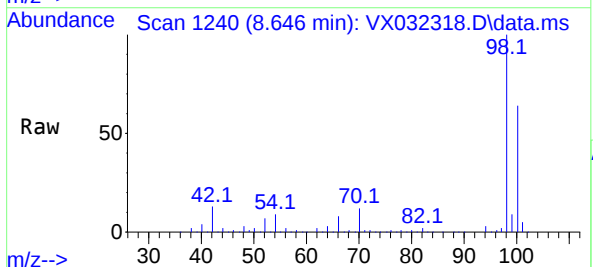
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-34-20221019

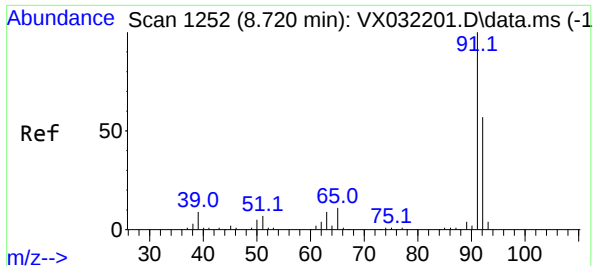
Tgt Ion: 98 Resp: 264714
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.072 min
Lab File: VX032318.D
Acq: 22 Oct 2022 04:02

Tgt Ion: 43 Resp: 1124
Ion Ratio Lower Upper
43 100
58 204.0 31.0 46.4#





#52

Toluene

Concen: 0.716 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032318.D

Acq: 22 Oct 2022 04:02

Instrument :

MSVOA_X

ClientSampleId :

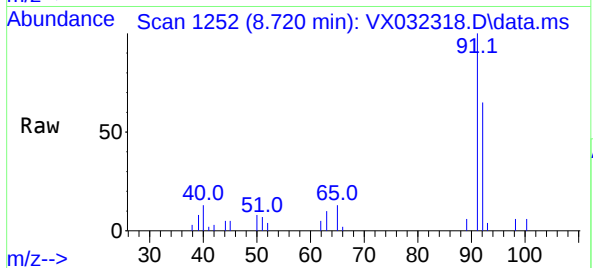
FSND-MW-34-20221019

Tgt Ion: 92 Resp: 2742

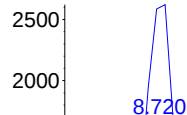
Ion Ratio Lower Upper

92 100

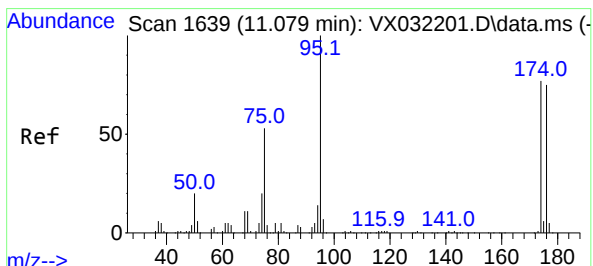
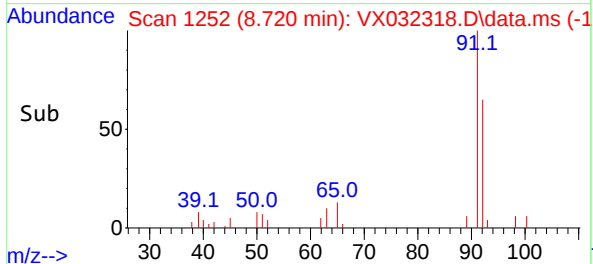
91 162.0 140.3 210.5



Abundance



Time-->



#62

4-Bromofluorobenzene

Concen: 43.841 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032318.D

Acq: 22 Oct 2022 04:02

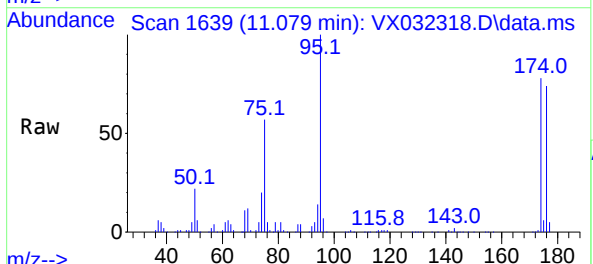
Tgt Ion: 95 Resp: 91574

Ion Ratio Lower Upper

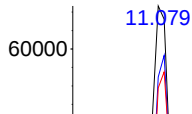
95 100

174 81.5 0.0 166.8

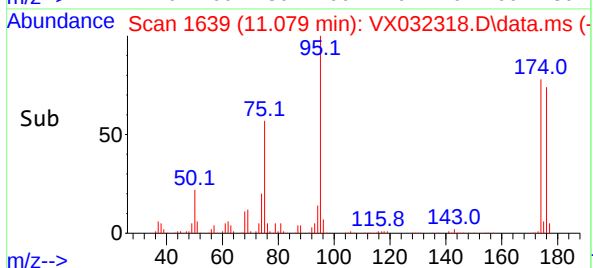
176 78.1 0.0 161.4

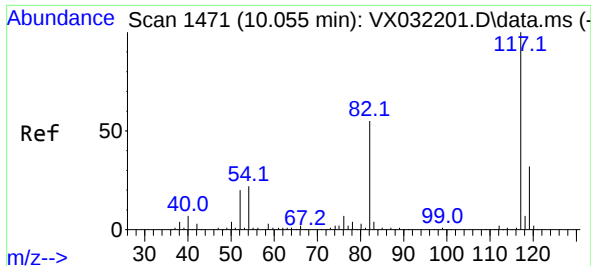


Abundance



Time-->

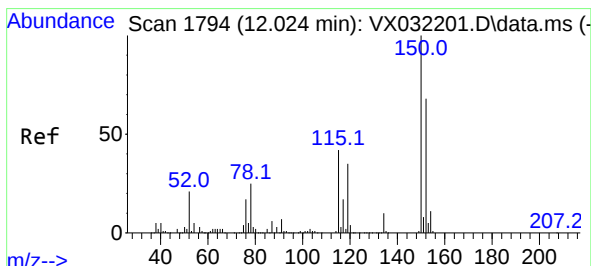
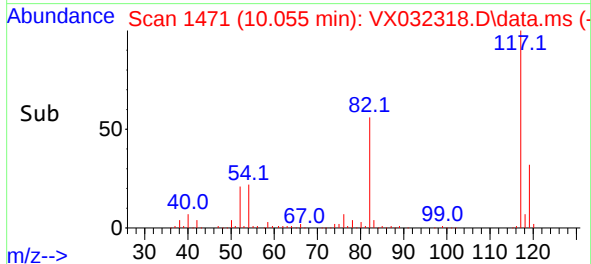
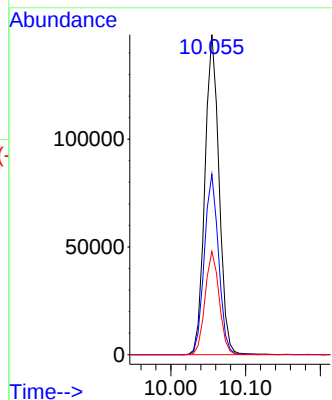
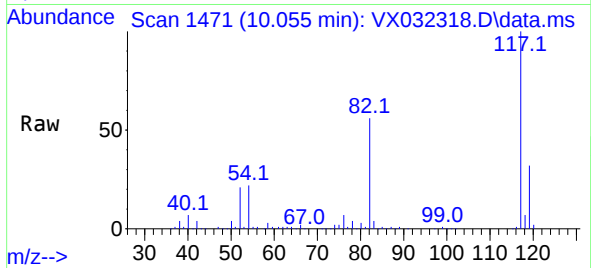




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032318.D
Acq: 22 Oct 2022 04:02

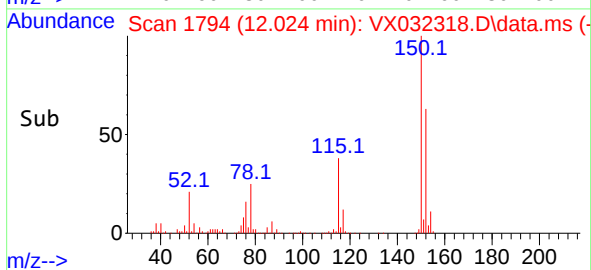
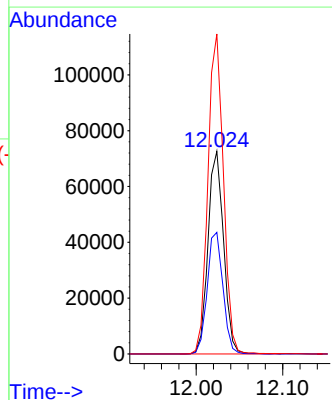
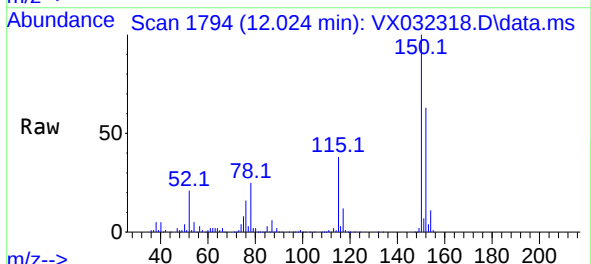
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-34-20221019

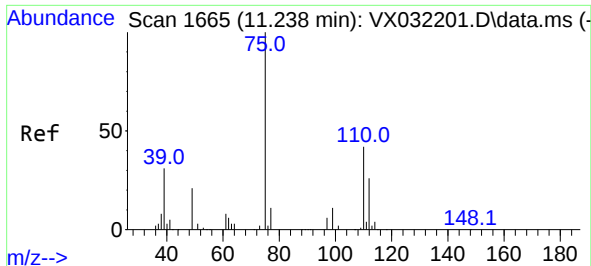
Tgt Ion:117 Resp: 195275
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.4
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032318.D
Acq: 22 Oct 2022 04:02

Tgt Ion:152 Resp: 90822
Ion Ratio Lower Upper
152 100
115 60.5 43.1 129.4
150 157.0 0.0 348.6

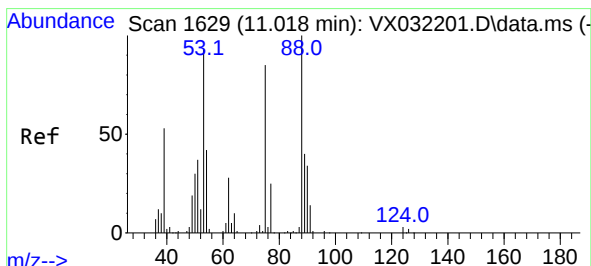
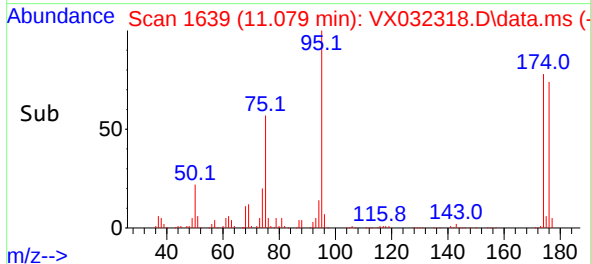
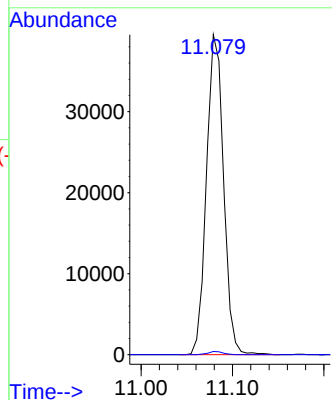
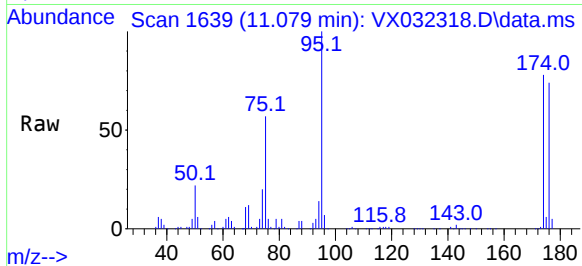




#76
1,2,3-Trichloropropane
Concen: 28.425 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032318.D
Acq: 22 Oct 2022 04:02

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-34-20221019

Tgt Ion: 75 Resp: 51152
Ion Ratio Lower Upper
75 100
77 0.9 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.130 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032318.D
Acq: 22 Oct 2022 04:02

Tgt Ion: 75 Resp: 51152
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

