

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032373.D
 Acq On : 25 Oct 2022 18:43
 Operator : JC/MD
 Sample : N5249-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-14-20221020

Quant Time: Oct 27 14:18:29 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)

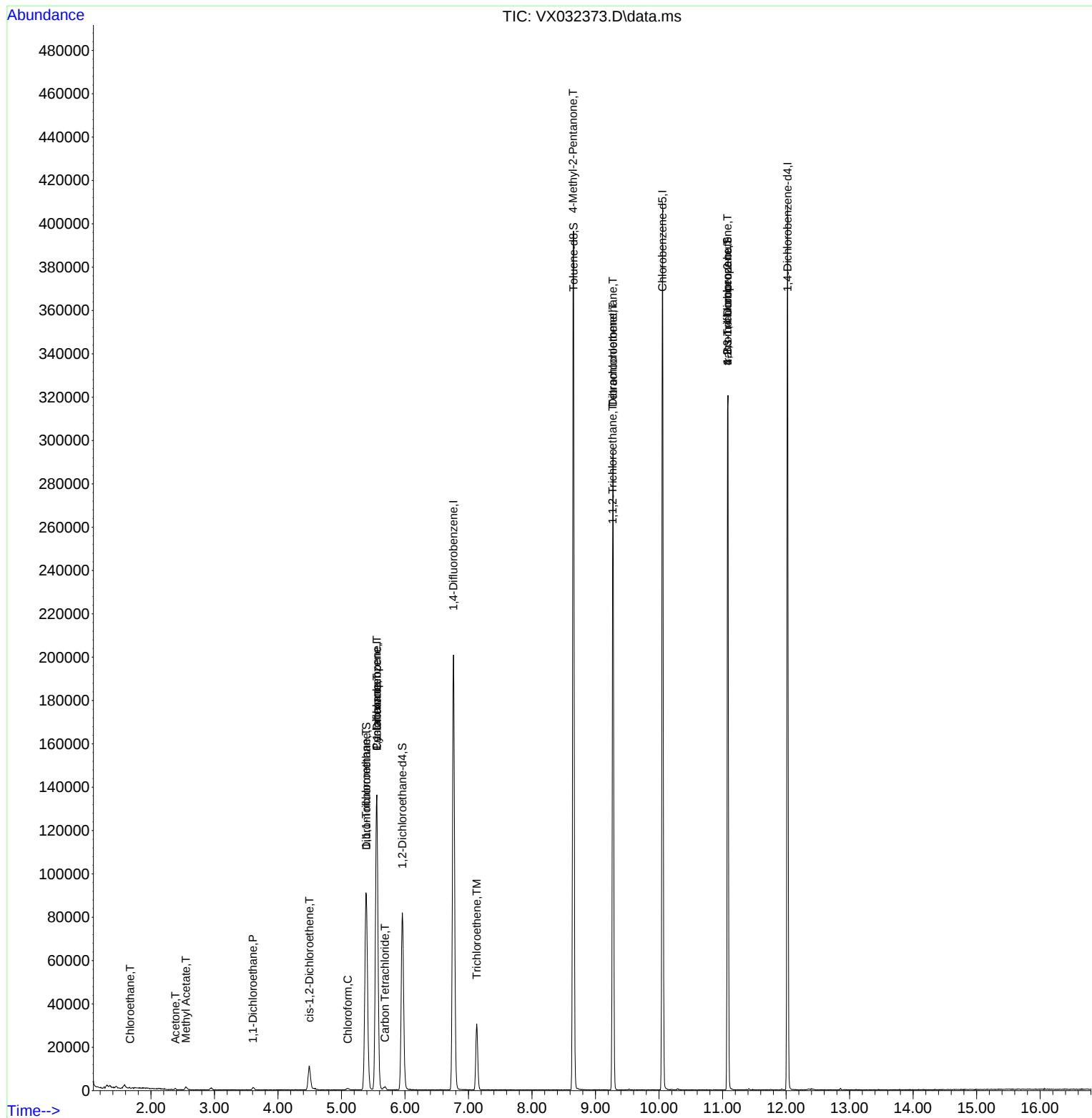
Internal Standards						
1) Pentafluorobenzene	5.556	168	126673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82244	49.909	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.820%
35) Dibromofluoromethane	5.391	113	65608	46.759	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.520%
50) Toluene-d8	8.653	98	239649	47.448	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.900%
62) 4-Bromofluorobenzene	11.079	95	82822	44.780	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.560%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	20	Below Cal	#	44
6) Chloroethane	1.672	64	45	1.987	ug/l #	41
11) Tert butyl alcohol	2.953	59	573	Below Cal	#	74
16) Acetone	2.386	43	737	1.378	ug/l	100
18) Methyl Acetate	2.550	43	563	0.310	ug/l #	50
24) 1,1-Dichloroethane	3.605	63	1580	0.703	ug/l #	82
27) cis-1,2-Dichloroethene	4.495	96	6937	4.811	ug/l	93
30) Chloroform	5.099	83	954	0.390	ug/l	100
31) Cyclohexane	5.556	56	2744	1.457	ug/l #	16
32) 1,1,1-Trichloroethane	5.385	97	15901	7.625	ug/l	99
36) 1,1-Dichloropropene	5.556	75	9871	5.469	ug/l #	51
38) Carbon Tetrachloride	5.684	117	1242	0.652	ug/l	99
44) Trichloroethene	7.129	130	11431	7.935	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	1040	0.598	ug/l #	1
55) 1,1,2-Trichloroethane	9.268	97	493	0.358	ug/l #	25
60) Dibromochloromethane	9.275	129	51320	36.375	ug/l #	11
64) Tetrachloroethene	9.275	164	52482	45.409	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	44833	27.468	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	44833	84.292	ug/l #	6

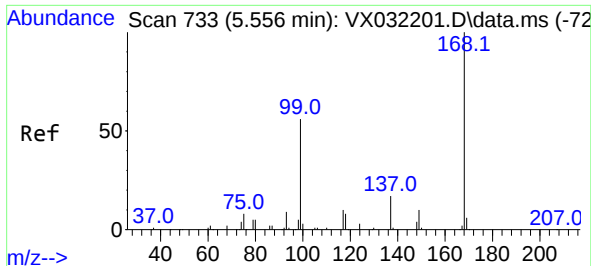
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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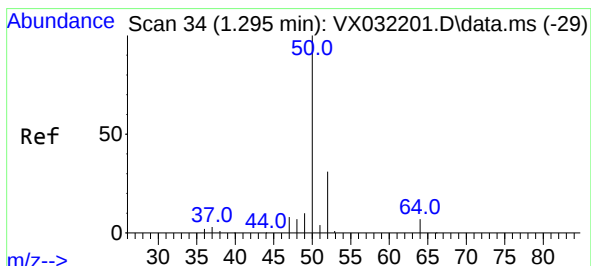
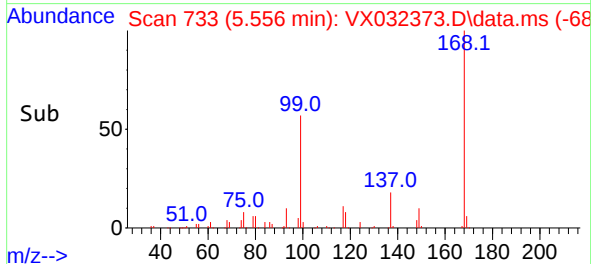
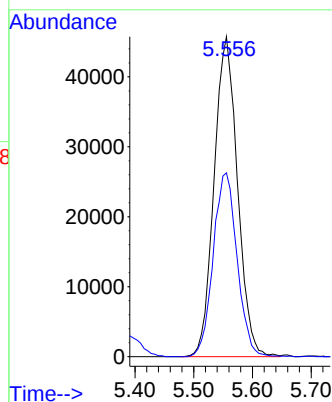
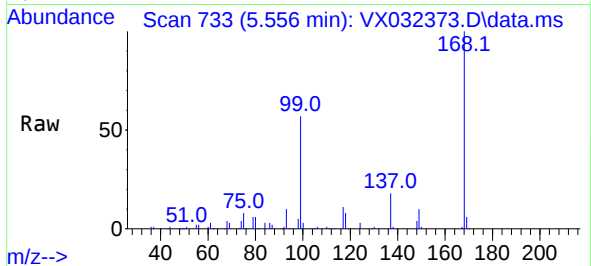




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

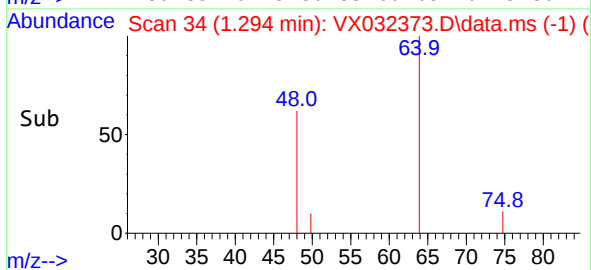
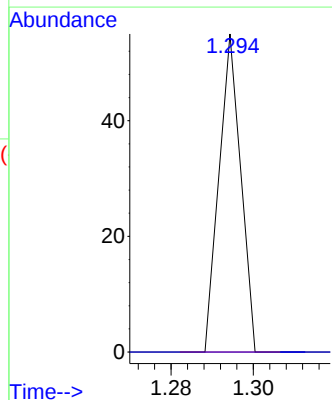
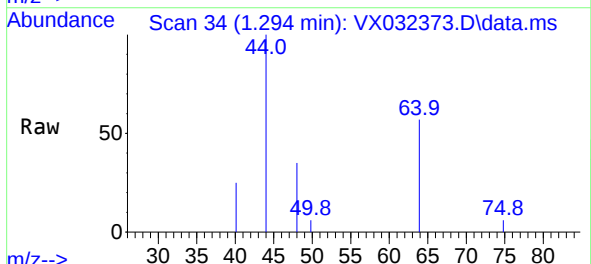
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20221020

Tgt Ion:168 Resp: 126673
Ion Ratio Lower Upper
168 100
99 57.5 44.8 67.2

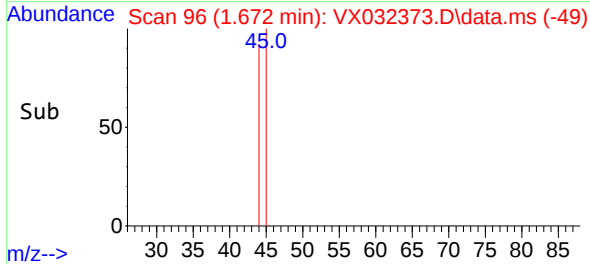
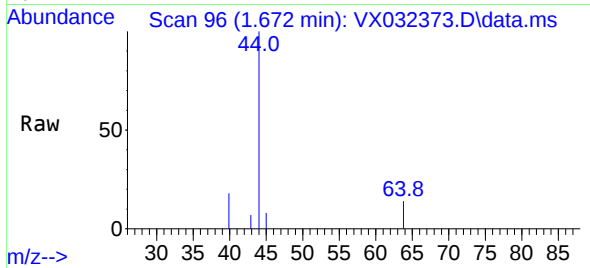
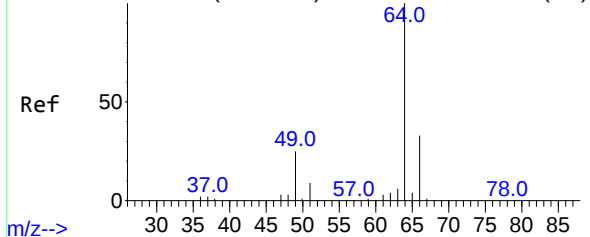


#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

Tgt Ion: 50 Resp: 20
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: 1.987 ug/l

RT: 1.672 min Scan# 90

Delta R.T. -0.013 min

Lab File: VX032373.D

Acq: 25 Oct 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

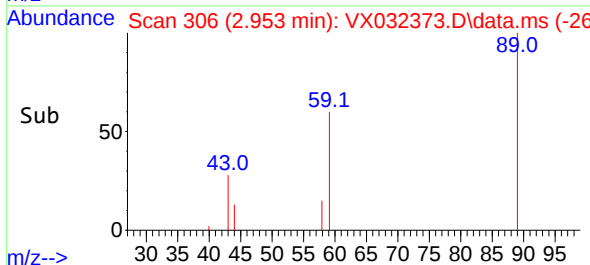
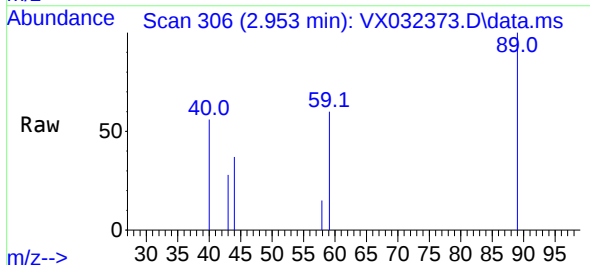
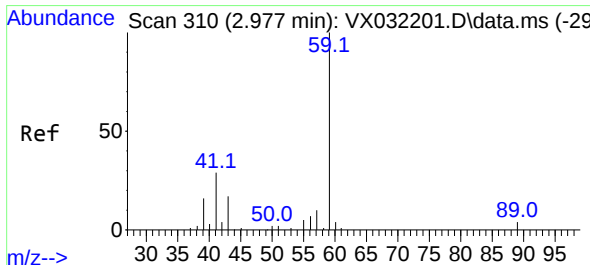
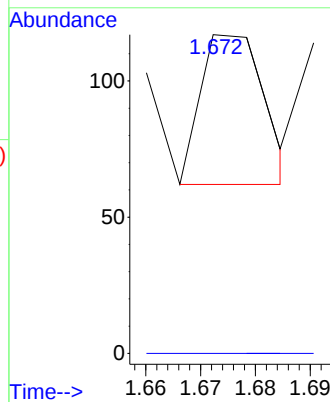
FSND-MW-14-20221020

Tgt Ion: 64 Resp: 45

Ion Ratio Lower Upper

64 100

66 0.0 26.6 39.8#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 306

Delta R.T. -0.024 min

Lab File: VX032373.D

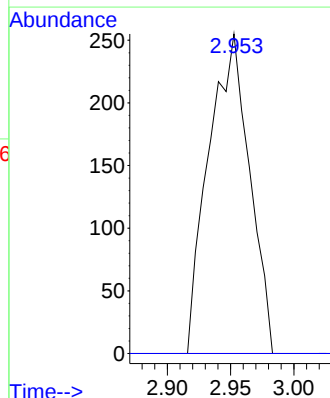
Acq: 25 Oct 2022 18:43

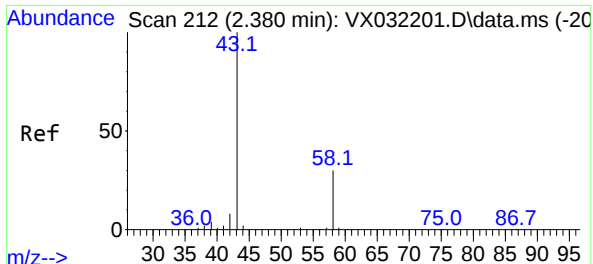
Tgt Ion: 59 Resp: 573

Ion Ratio Lower Upper

59 100

57 0.0 7.5 11.3#

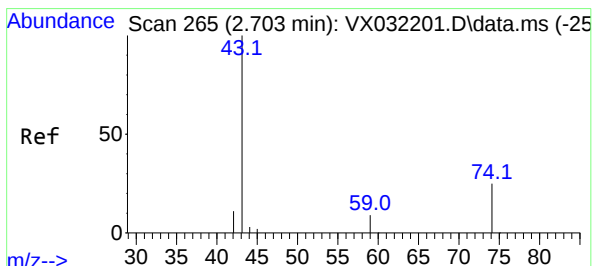
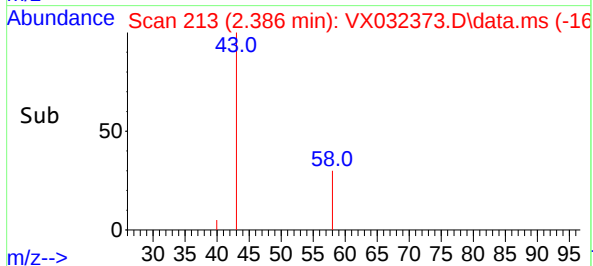
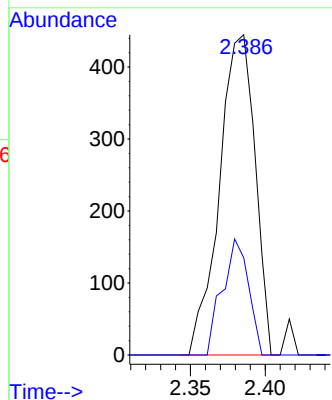
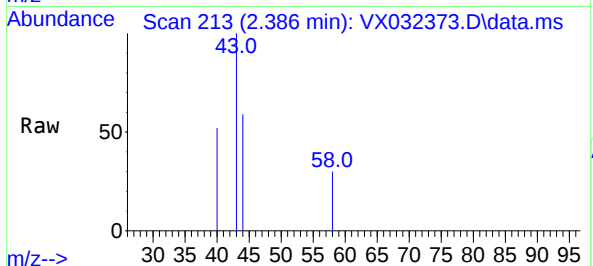




#16
Acetone
Concen: 1.378 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

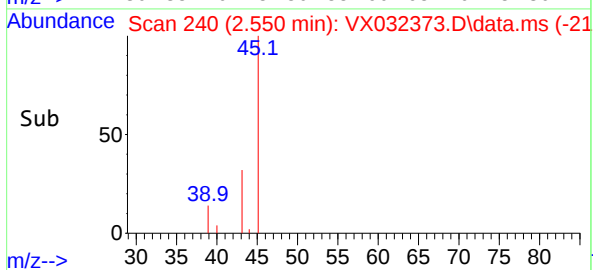
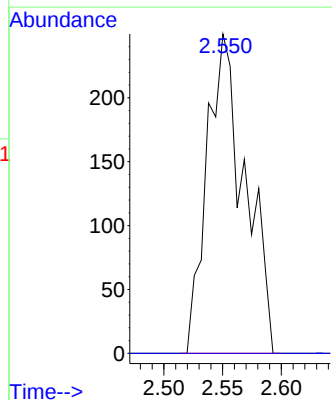
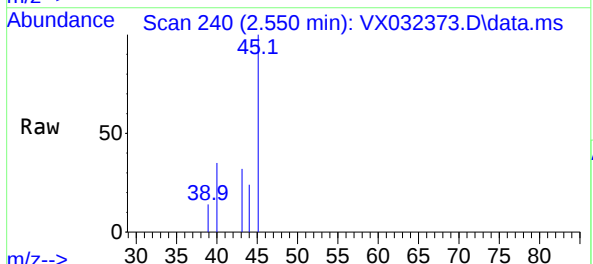
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20221020

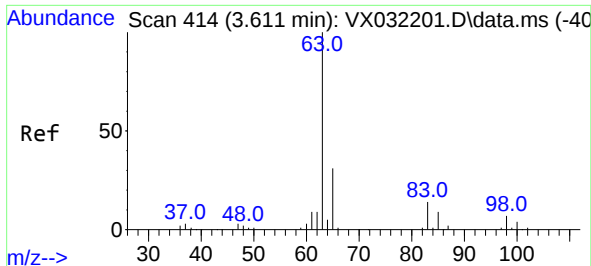
Tgt Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
58 30.3 24.2 36.2



#18
Methyl Acetate
Concen: 0.310 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.153 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#

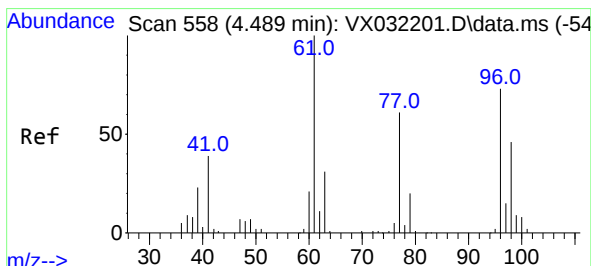
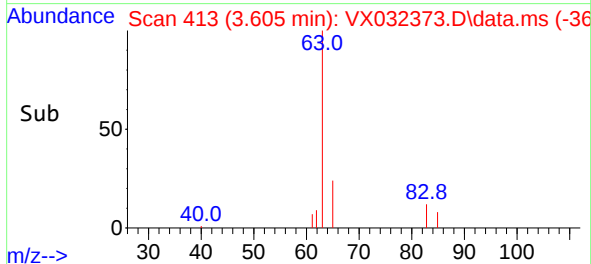
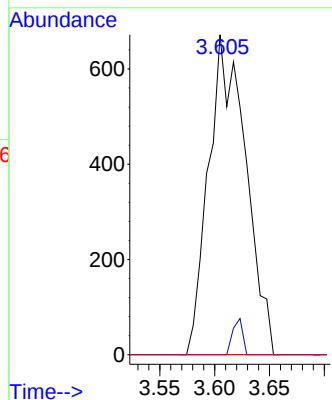
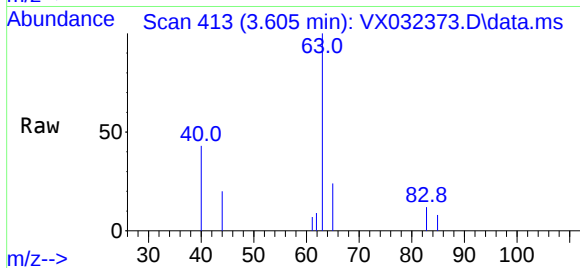




#24
1,1-Dichloroethane
Concen: 0.703 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

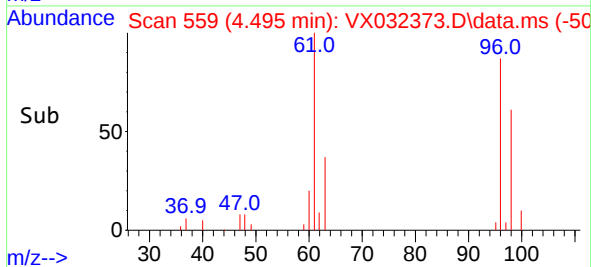
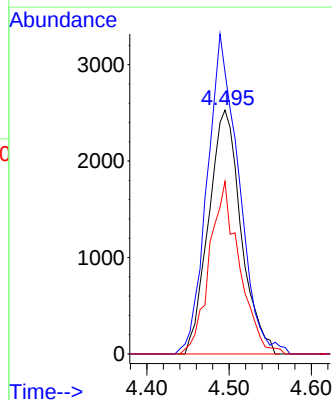
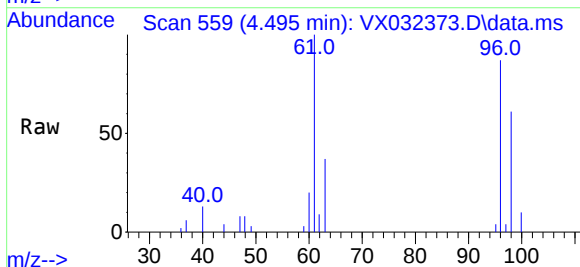
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20221020

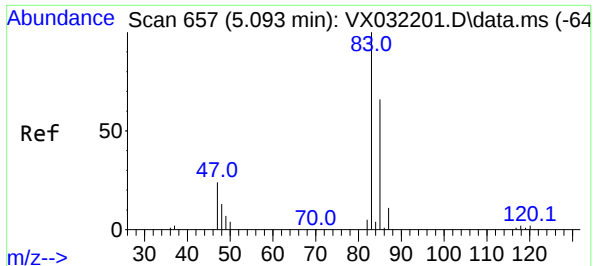
Tgt Ion: 63 Resp: 1580
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.9#
100 0.0 2.1 6.3#



#27
cis-1,2-Dichloroethene
Concen: 4.811 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

Tgt Ion: 96 Resp: 6937
Ion Ratio Lower Upper
96 100
61 127.7 0.0 279.2
98 65.3 0.0 128.0





#30

Chloroform

Concen: 0.390 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX032373.D

Acq: 25 Oct 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

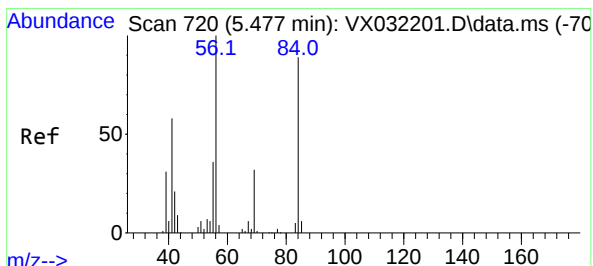
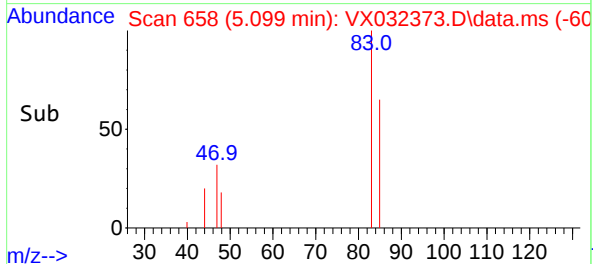
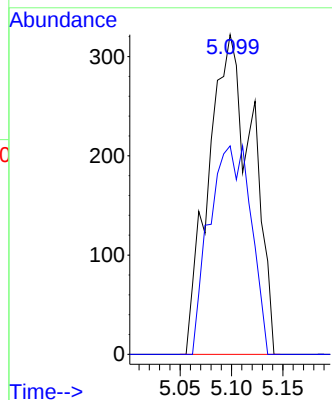
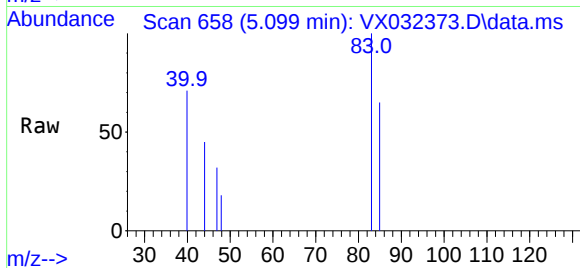
FSND-MW-14-20221020

Tgt Ion: 83 Resp: 954

Ion Ratio Lower Upper

83 100

85 65.2 52.5 78.7



#31

Cyclohexane

Concen: 1.457 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX032373.D

Acq: 25 Oct 2022 18:43

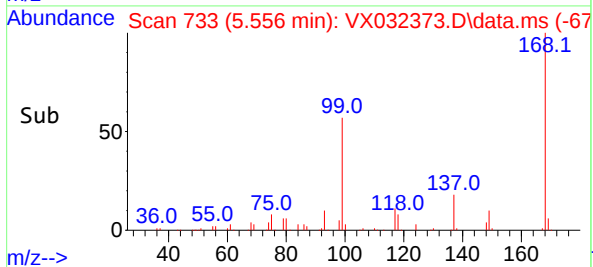
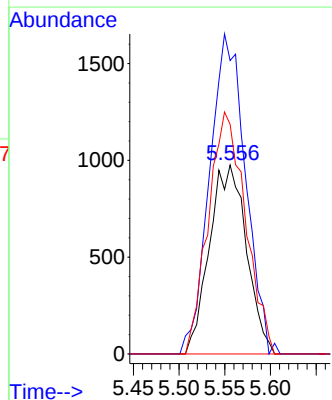
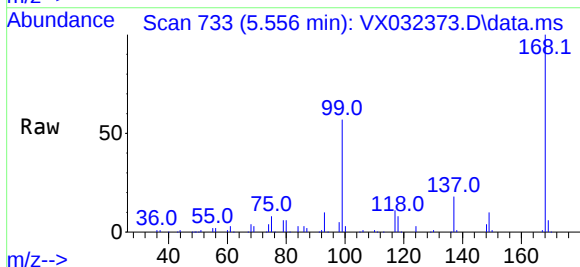
Tgt Ion: 56 Resp: 2744

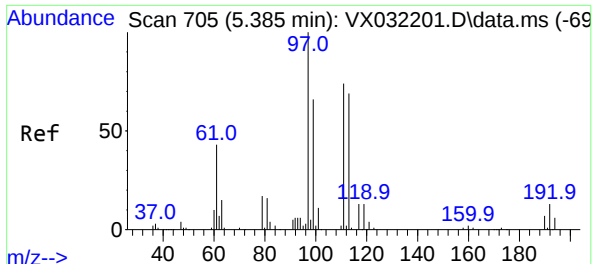
Ion Ratio Lower Upper

56 100

69 155.3 25.4 38.0#

84 121.5 71.2 106.8#



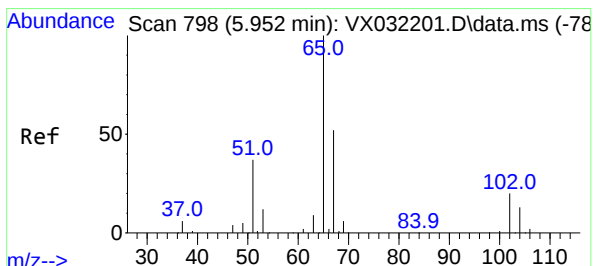
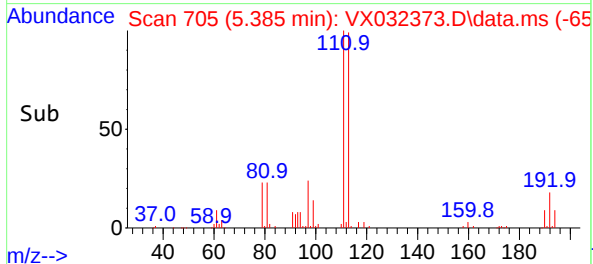
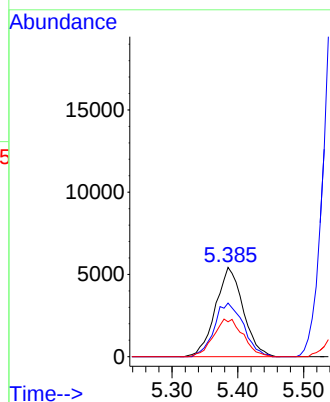
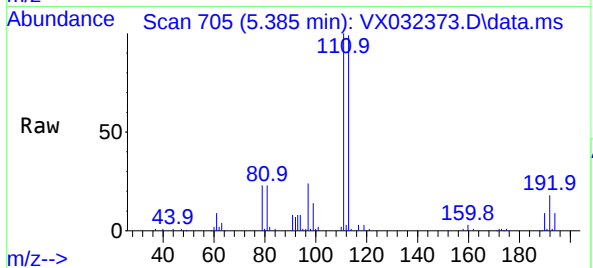


#32
1,1,1-Trichloroethane
Concen: 7.625 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20221020

Tgt Ion: 97 Resp: 15901

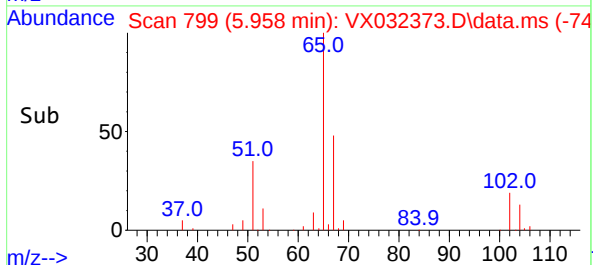
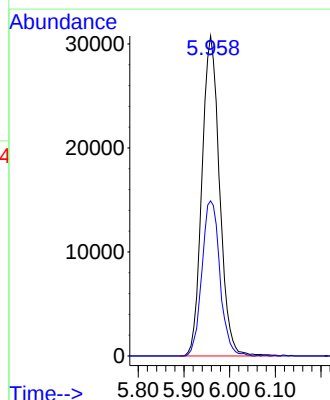
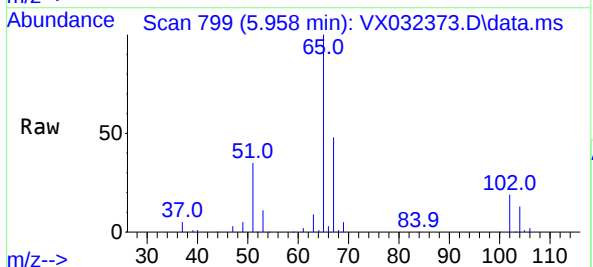
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.8	77.8
61	45.1	35.7	53.5

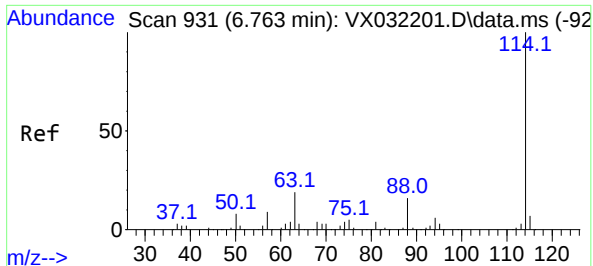


#33
1,2-Dichloroethane-d4
Concen: 49.909 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

Tgt Ion: 65 Resp: 82244

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	103.6

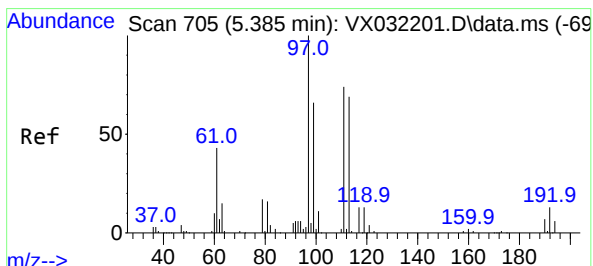
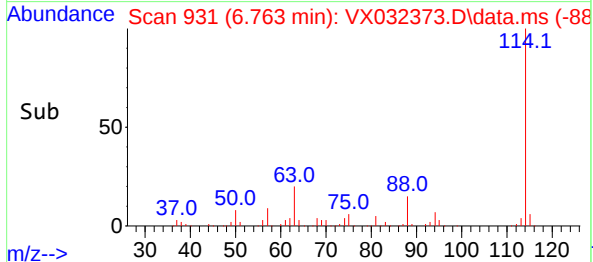
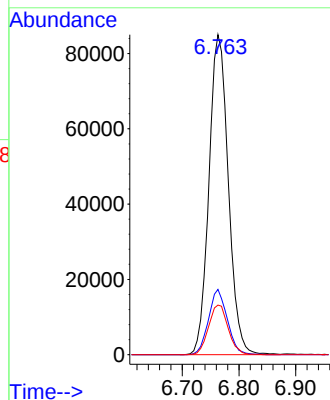
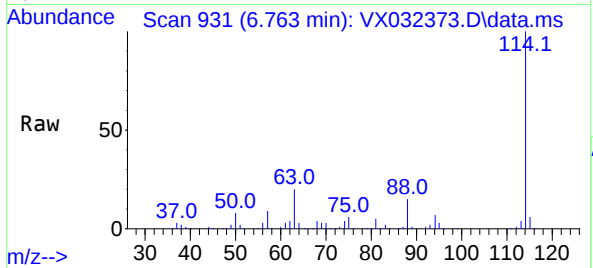




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

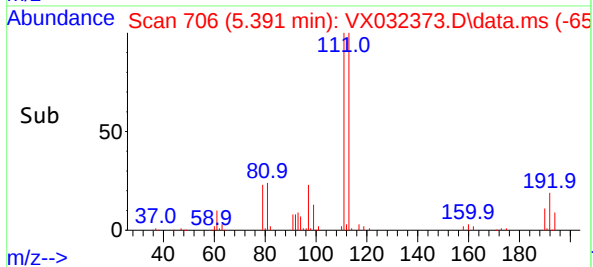
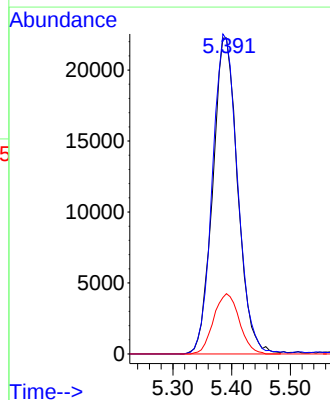
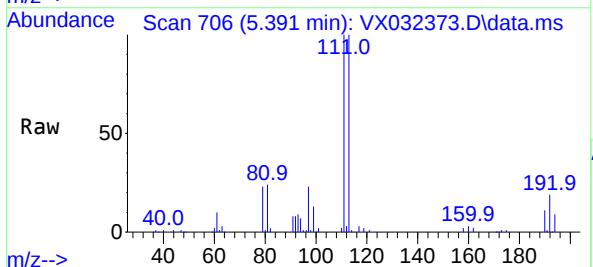
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20221020

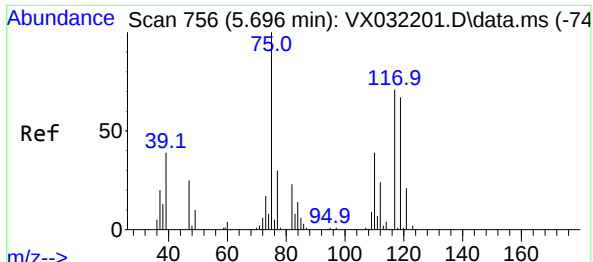
Tgt Ion:114 Resp: 201636
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.6
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.759 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

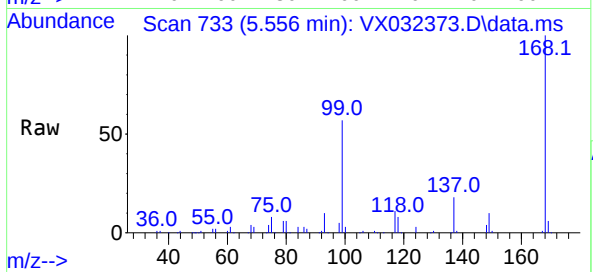
Tgt Ion:113 Resp: 65608
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 19.6 15.5 23.3



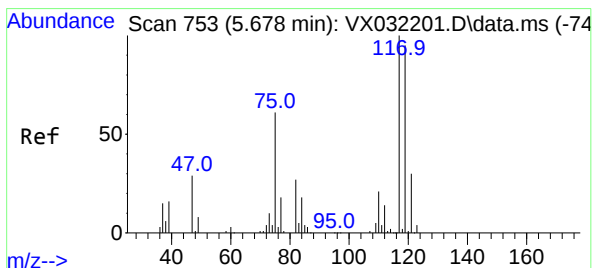
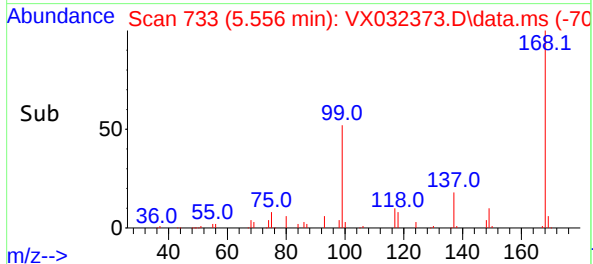
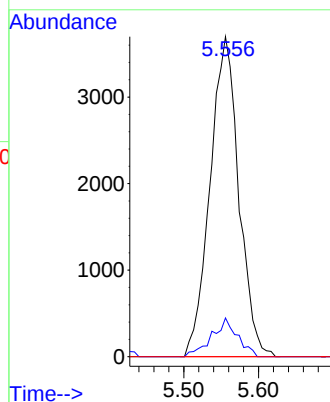


#36
1,1-Dichloropropene
Concen: 5.469 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20221020

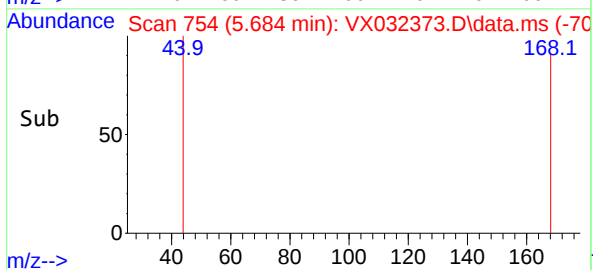
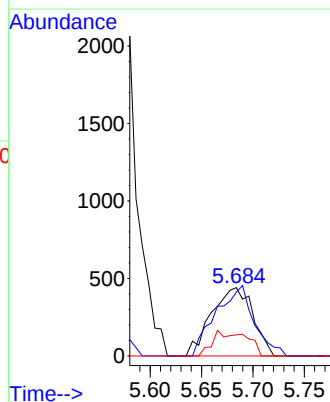
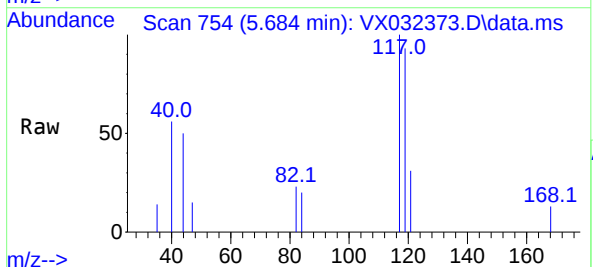


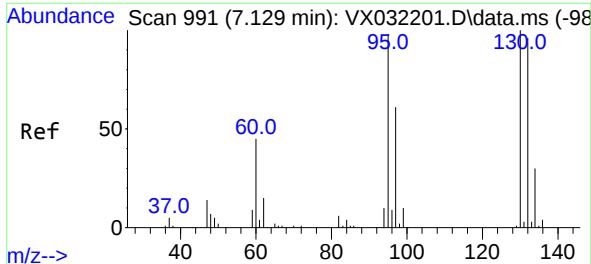
Tgt Ion: 75 Resp: 9871
Ion Ratio Lower Upper
75 100
110 10.7 18.4 55.0#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 0.652 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

Tgt Ion: 117 Resp: 1242
Ion Ratio Lower Upper
117 100
119 93.4 75.4 113.0
121 30.8 23.9 35.9





#44

Trichloroethene

Concen: 7.935 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX032373.D

Acq: 25 Oct 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

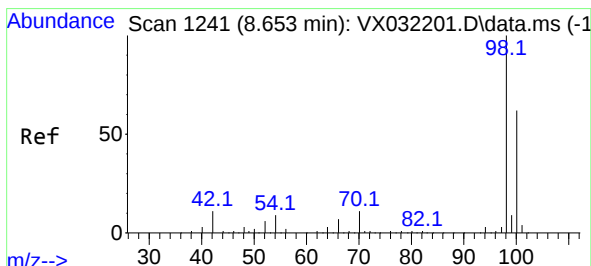
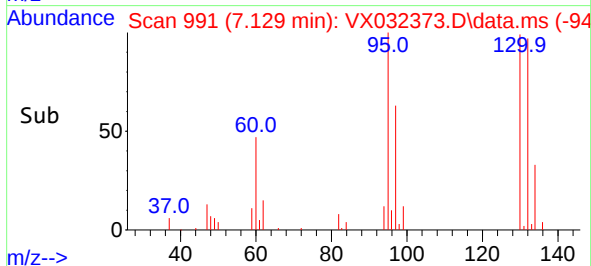
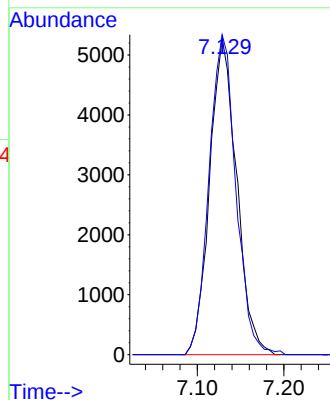
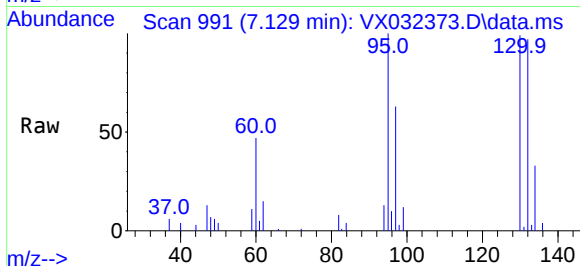
FSND-MW-14-20221020

Tgt Ion:130 Resp: 11431

Ion Ratio Lower Upper

130 100

95 101.1 0.0 196.8



#50

Toluene-d8

Concen: 47.448 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX032373.D

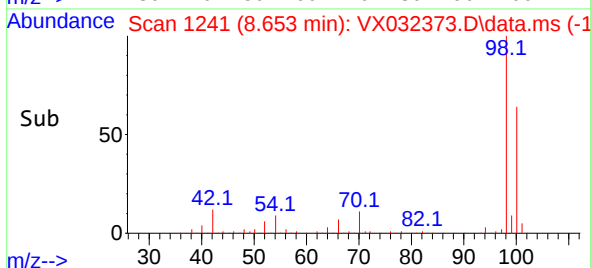
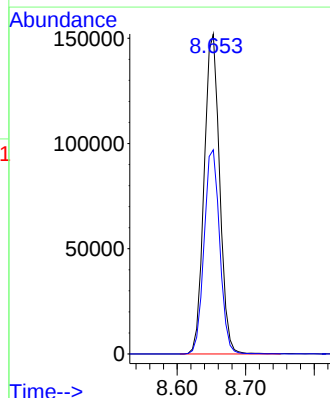
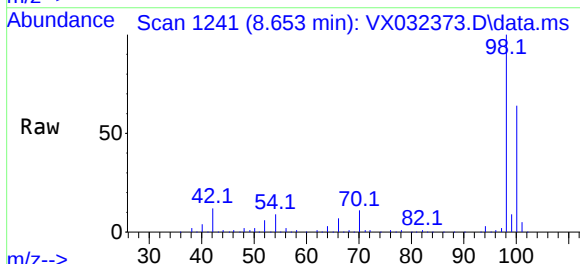
Acq: 25 Oct 2022 18:43

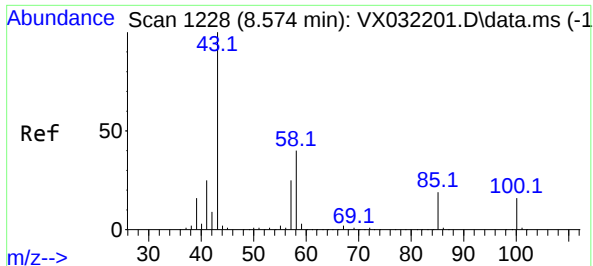
Tgt Ion: 98 Resp: 239649

Ion Ratio Lower Upper

98 100

100 64.2 50.7 76.1

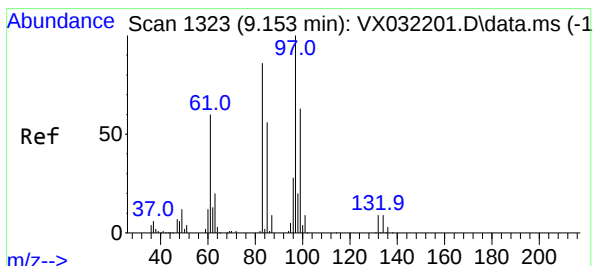
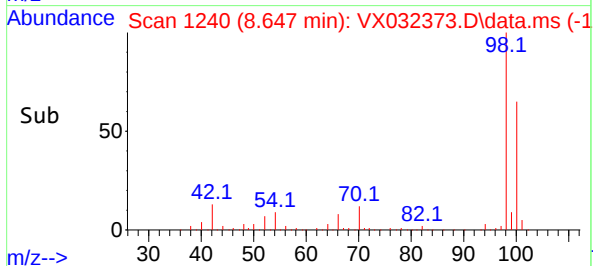
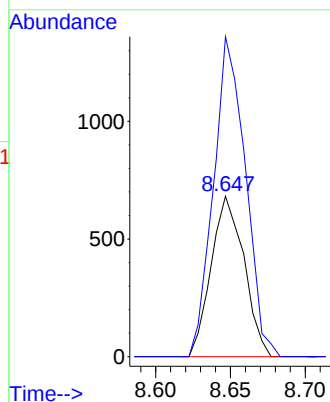
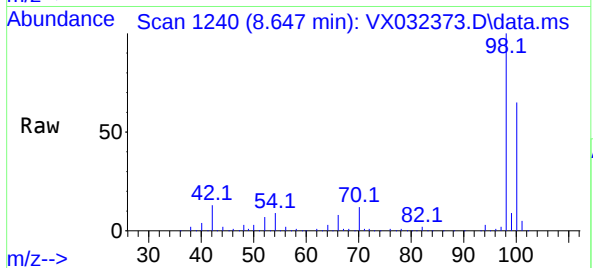




#51
4-Methyl-2-Pentanone
Concen: 0.598 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

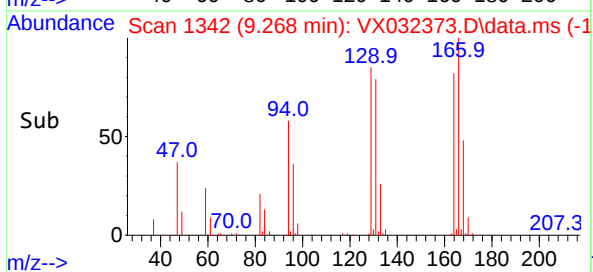
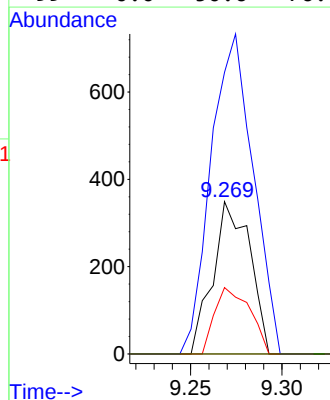
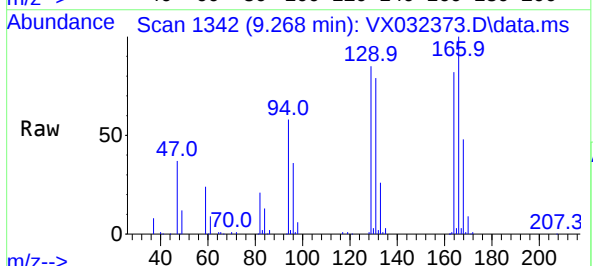
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20221020

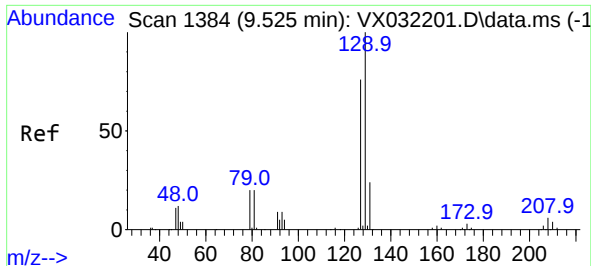
Tgt Ion: 43 Resp: 1040
Ion Ratio Lower Upper
43 100
58 193.8 31.0 46.4#



#55
1,1,2-Trichloroethane
Concen: 0.358 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. 0.115 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

Tgt Ion: 97 Resp: 493
Ion Ratio Lower Upper
97 100
83 184.8 68.8 103.2#
85 43.6 44.7 67.1#
99 0.0 50.6 76.0#

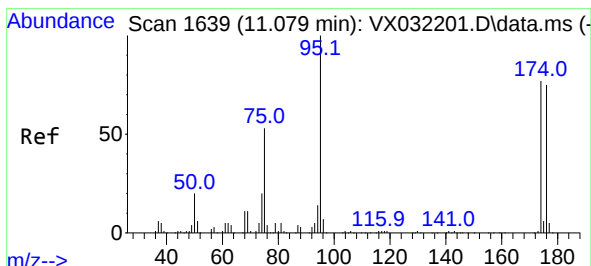
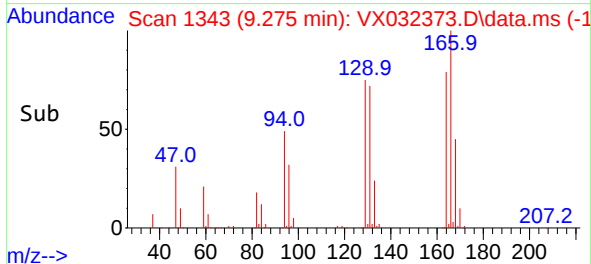
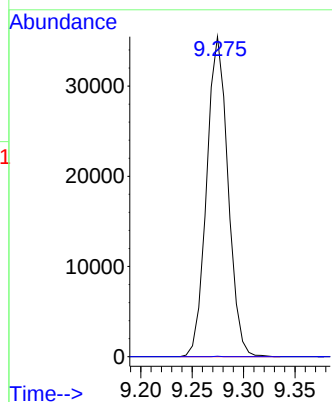
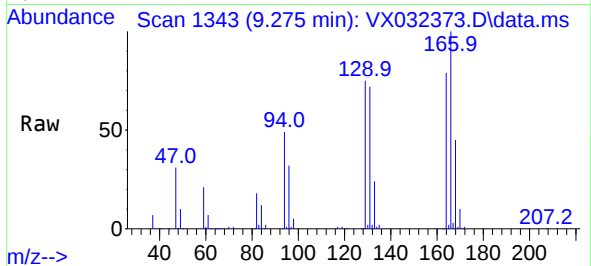




#60
Dibromochloromethane
Concen: 36.375 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

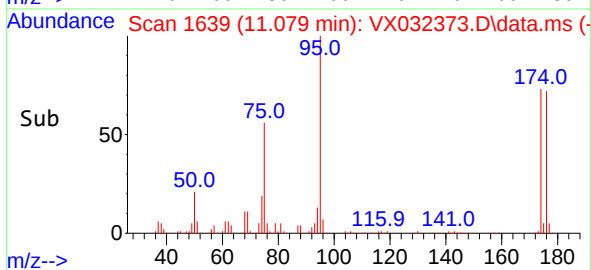
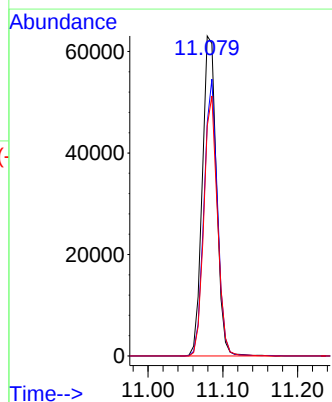
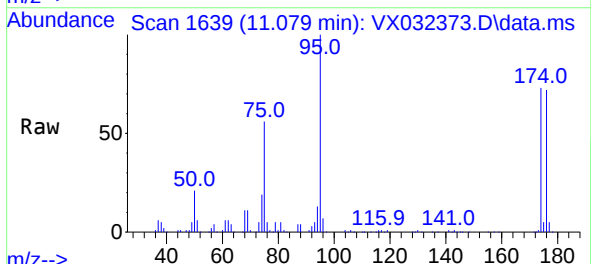
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20221020

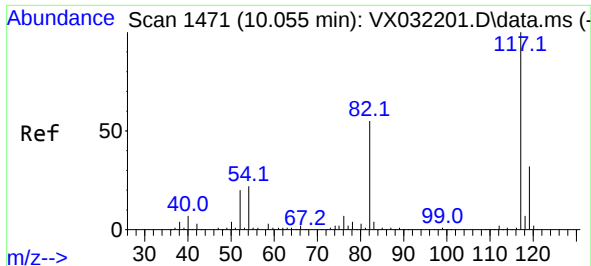
Tgt Ion:129 Resp: 51320
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.780 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

Tgt Ion: 95 Resp: 82822
Ion Ratio Lower Upper
95 100
174 82.2 0.0 166.8
176 77.9 0.0 161.4

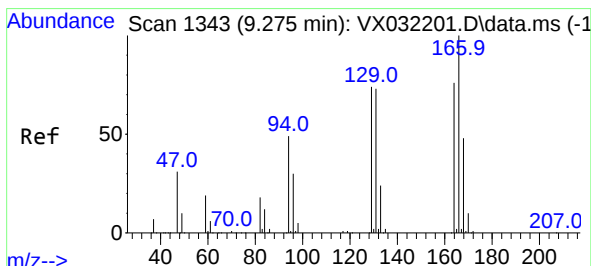
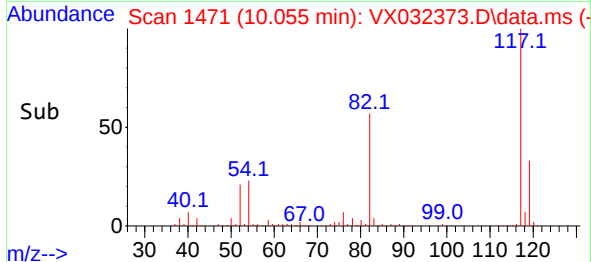
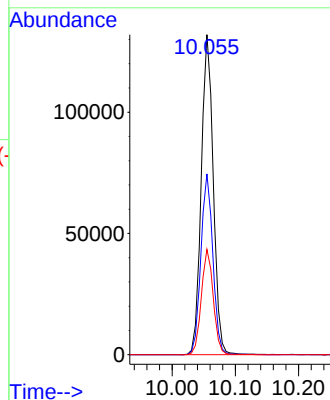
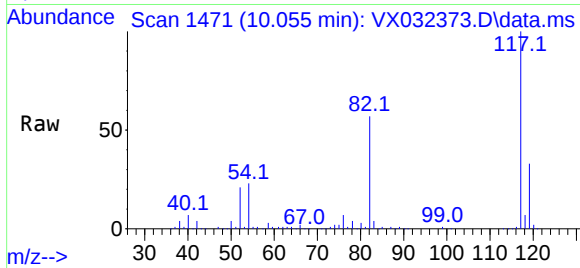




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

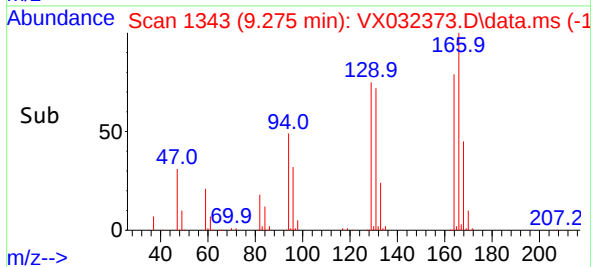
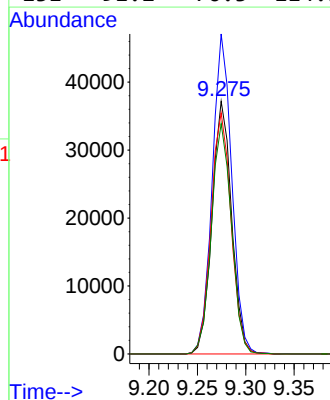
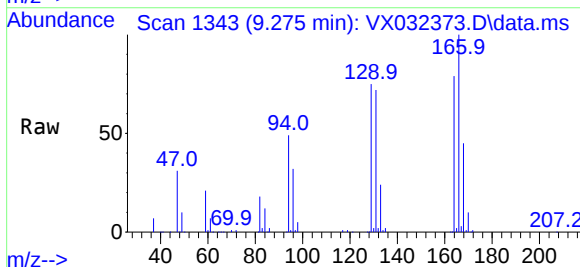
Instrument : MSVOA_X
ClientSampleId : FSND-MW-14-20221020

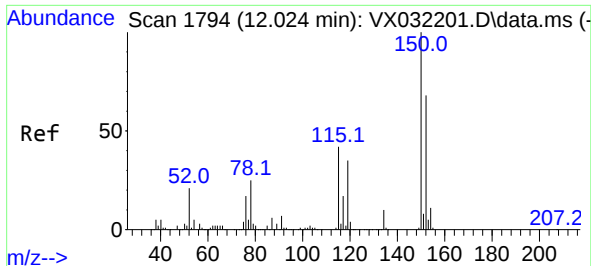
Tgt Ion:117 Resp: 175027
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.4
119 32.9 25.8 38.8



#64
Tetrachloroethene
Concen: 45.409 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

Tgt Ion:164 Resp: 52482
Ion Ratio Lower Upper
164 100
166 126.6 104.9 157.3
129 95.4 77.8 116.6
131 91.2 76.3 114.5

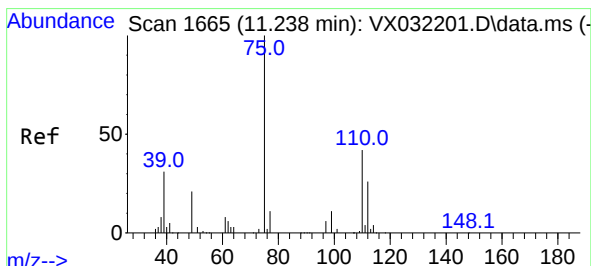
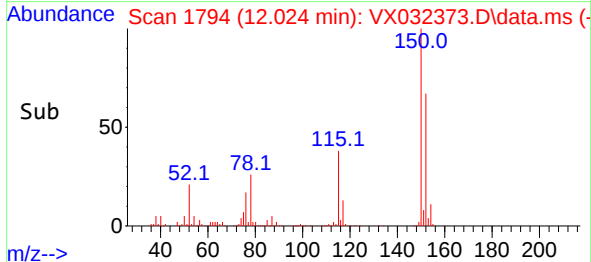
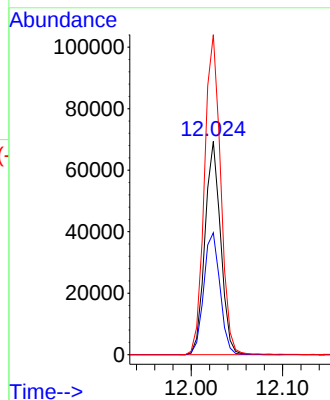
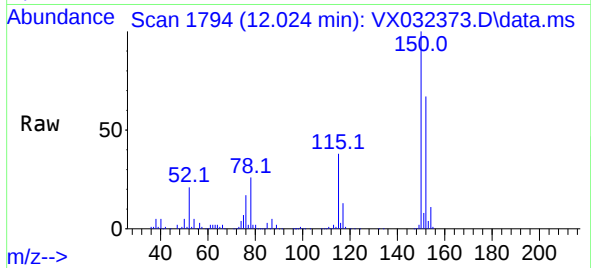




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

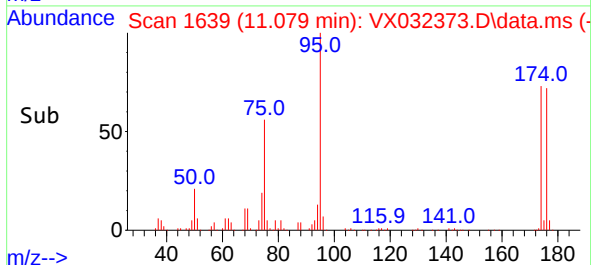
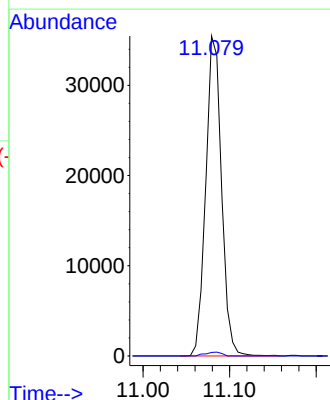
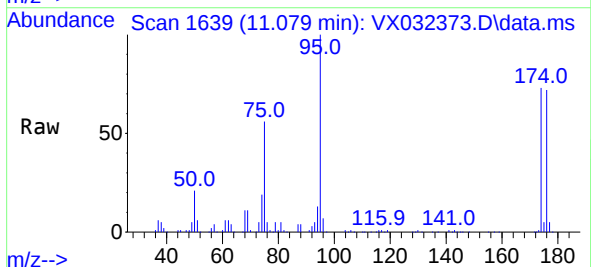
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20221020

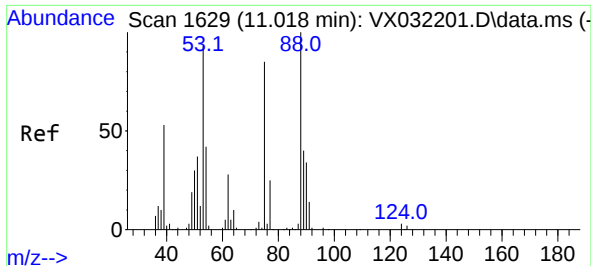
Tgt Ion:152 Resp: 82374
Ion Ratio Lower Upper
152 100
115 59.3 43.1 129.4
150 155.0 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 27.468 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

Tgt Ion: 75 Resp: 44833
Ion Ratio Lower Upper
75 100
77 1.2 16.0 47.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.292 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032373.D
 Acq: 25 Oct 2022 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-14-20221020

Tgt Ion: 75 Resp: 44833
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.8 131.8#
 89 0.0 37.8 56.8#

