

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032336.D
 Acq On : 24 Oct 2022 13:37
 Operator : JC/MD
 Sample : N5248-19DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-15-20221019DL

Quant Time: Oct 25 03:26:44 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)

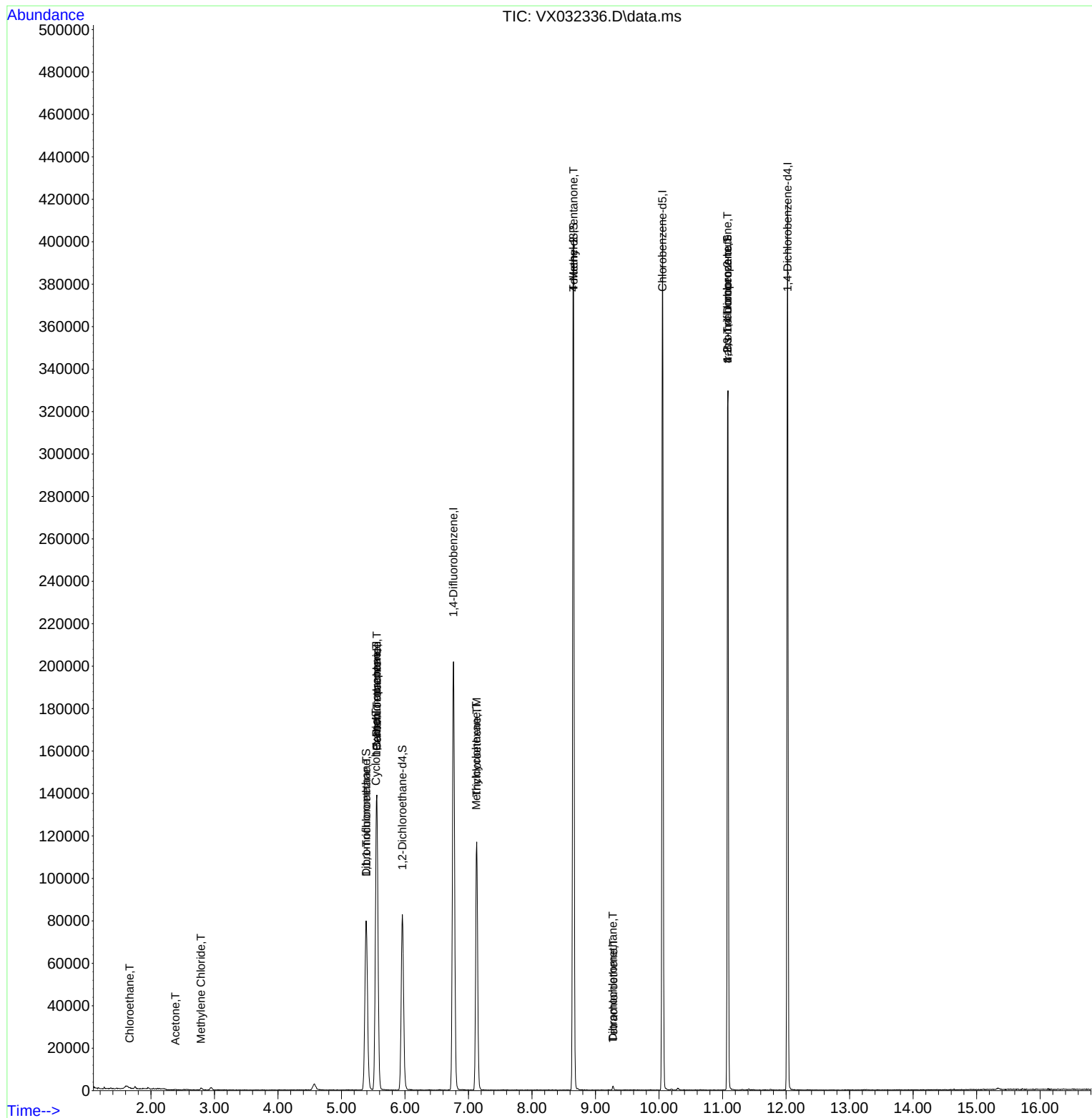
Internal Standards						
1) Pentafluorobenzene	5.556	168	133501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206536	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81690	47.037	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.080%		
35) Dibromofluoromethane	5.385	113	66623	46.356	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.720%		
50) Toluene-d8	8.653	98	243854	47.135	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.260%		
62) 4-Bromofluorobenzene	11.079	95	82622	43.612	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.220%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	64	Below Cal	#	44
6) Chloroethane	1.666	64	46	1.986	ug/l #	41
11) Tert butyl alcohol	2.934	59	733	Below Cal	#	74
16) Acetone	2.385	43	291	0.516	ug/l #	44
20) Methylene Chloride	2.788	84	595	0.411	ug/l #	77
31) Cyclohexane	5.543	56	2999	1.511	ug/l #	38
32) 1,1,1-Trichloroethane	5.391	97	2782	1.266	ug/l #	51
36) 1,1-Dichloropropene	5.549	75	10037	5.429	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13716	7.028	ug/l #	17
39) Methylcyclohexane	7.122	83	630	0.285	ug/l #	1
44) Trichloroethene	7.128	130	45136	30.589	ug/l	99
51) 4-Methyl-2-Pentanone	8.653	43	1093	0.614	ug/l #	1
60) Dibromochloromethane	9.274	129	309	0.214	ug/l #	11
64) Tetrachloroethene	9.281	164	273	0.229	ug/l #	85
76) 1,2,3-Trichloropropane	11.079	75	45180	27.008	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	45180	82.926	ug/l #	6

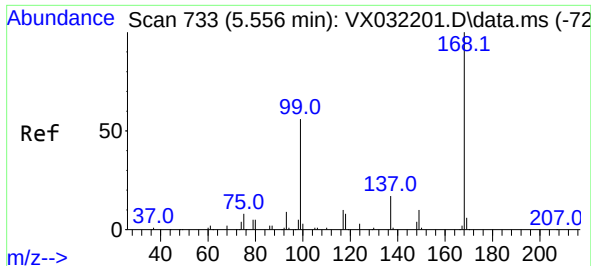
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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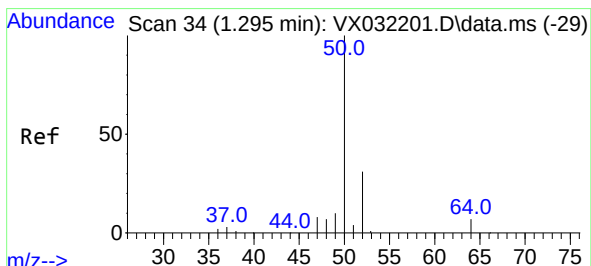
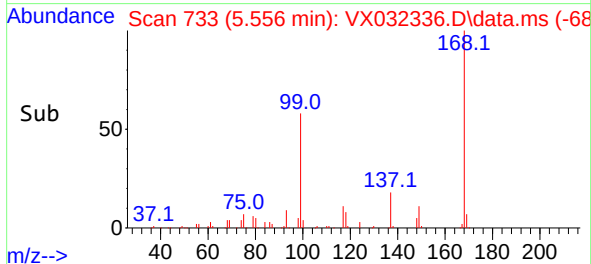
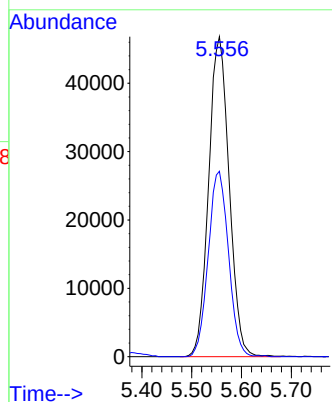
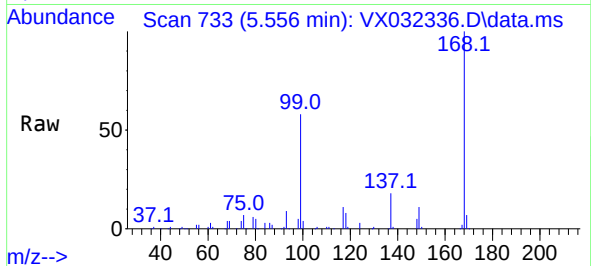




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032336.D
Acq: 24 Oct 2022 13:37

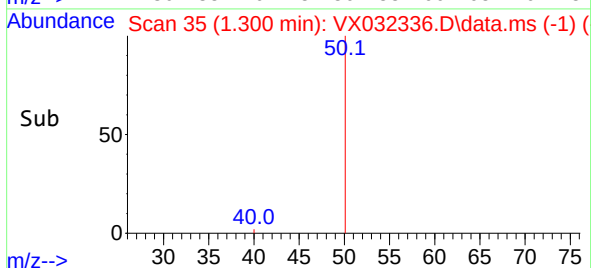
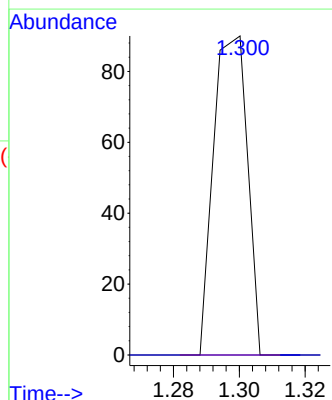
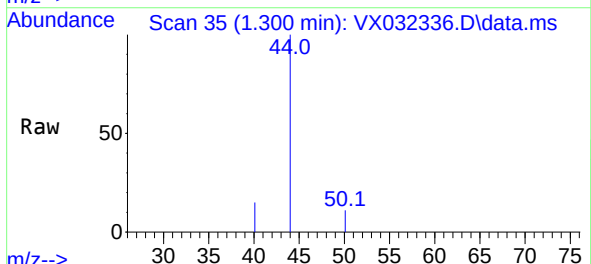
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-15-20221019DL

Tgt Ion:168 Resp: 133501
Ion Ratio Lower Upper
168 100
99 57.9 44.8 67.2

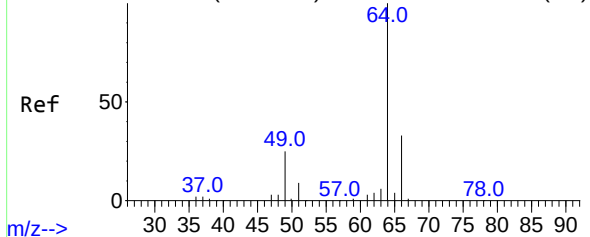


#3
Chloromethane
Concen: Below Cal
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX032336.D
Acq: 24 Oct 2022 13:37

Tgt Ion: 50 Resp: 64
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: 1.986 ug/l

RT: 1.666 min Scan# 91

Delta R.T. -0.019 min

Lab File: VX032336.D

Acq: 24 Oct 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-15-20221019DL

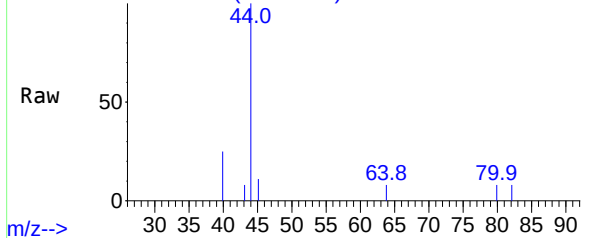
Tgt Ion: 64 Resp: 46

Ion Ratio Lower Upper

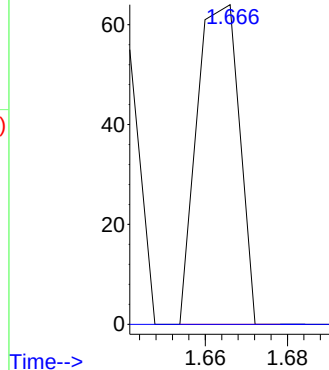
64 100

66 0.0 26.6 39.8#

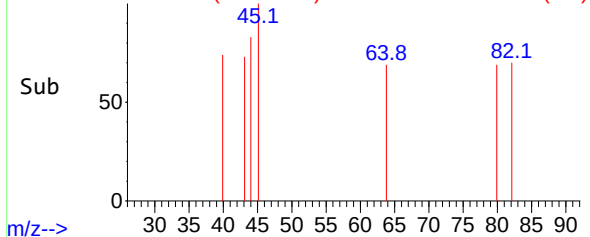
Abundance Scan 95 (1.666 min): VX032336.D\data.ms



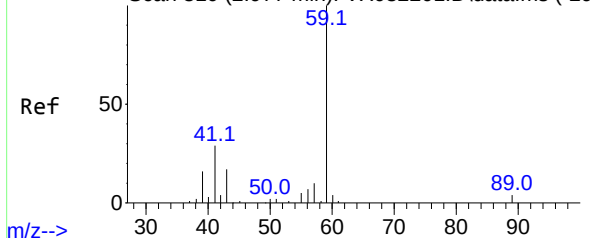
Abundance



Abundance Scan 95 (1.666 min): VX032336.D\data.ms (-49)



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



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.934 min Scan# 303

Delta R.T. -0.043 min

Lab File: VX032336.D

Acq: 24 Oct 2022 13:37

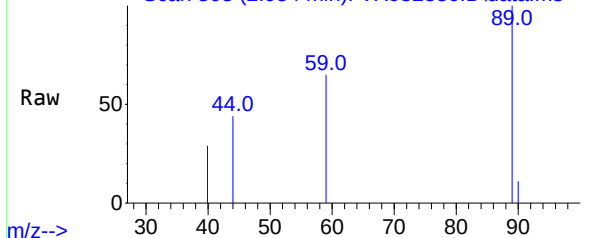
Tgt Ion: 59 Resp: 733

Ion Ratio Lower Upper

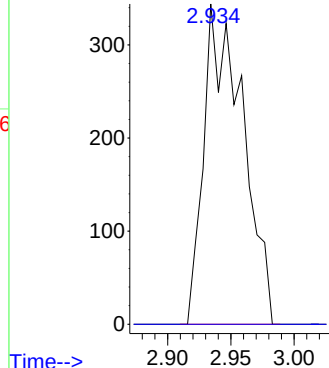
59 100

57 0.0 7.5 11.3#

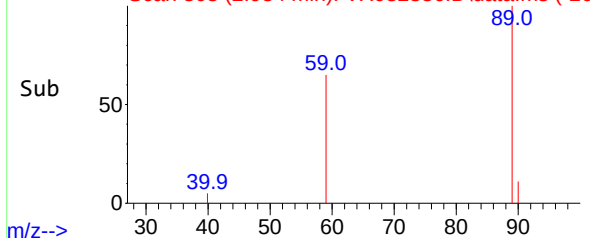
Abundance Scan 303 (2.934 min): VX032336.D\data.ms

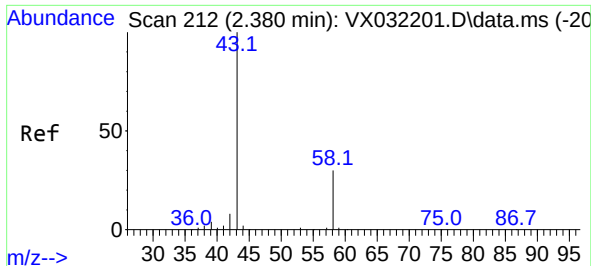


Abundance



Abundance Scan 303 (2.934 min): VX032336.D\data.ms (-26)

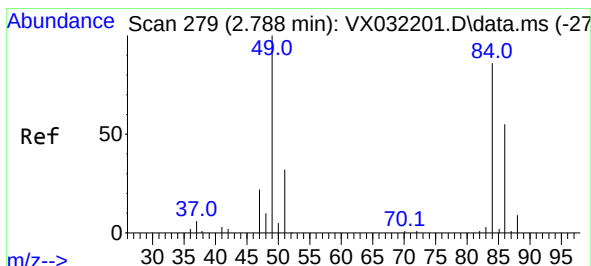
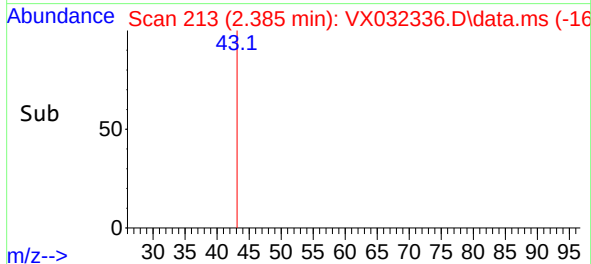
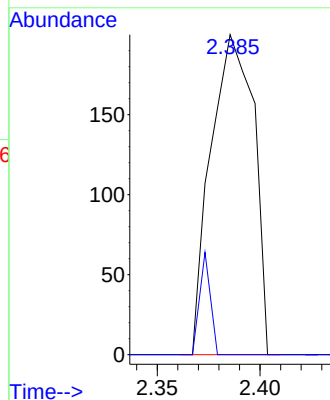
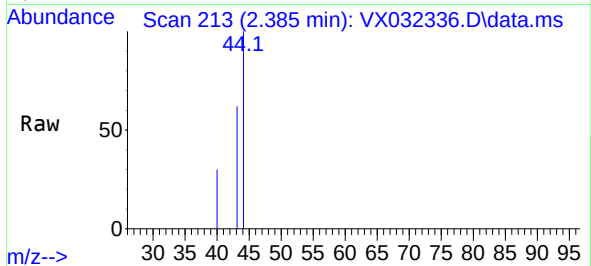




#16
Acetone
Concen: 0.516 ug/l
RT: 2.385 min Scan# 212
Delta R.T. 0.005 min
Lab File: VX032336.D
Acq: 24 Oct 2022 13:37

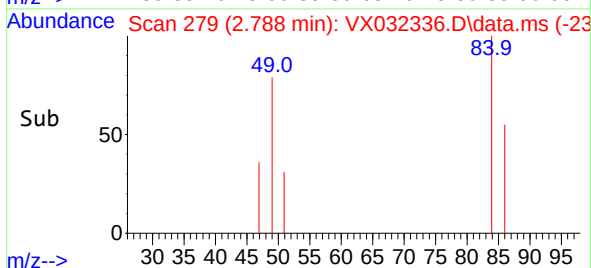
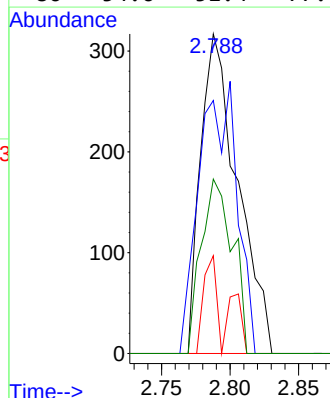
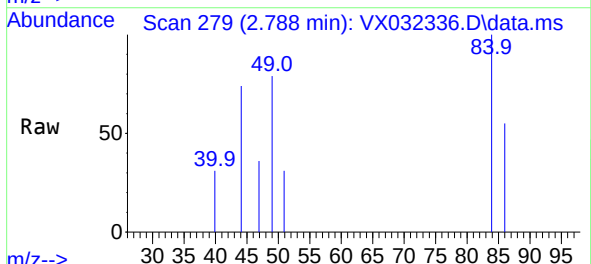
Instrument : MSVOA_X
ClientSampleId : FSND-MW-15-20221019DL

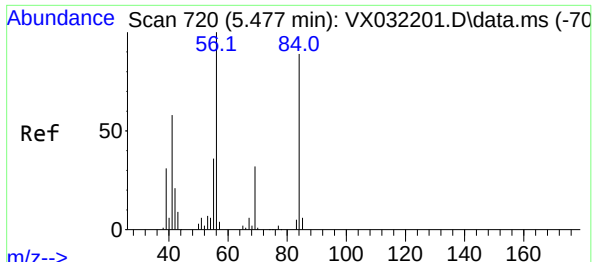
Tgt Ion: 43 Resp: 291
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#20
Methylene Chloride
Concen: 0.411 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032336.D
Acq: 24 Oct 2022 13:37

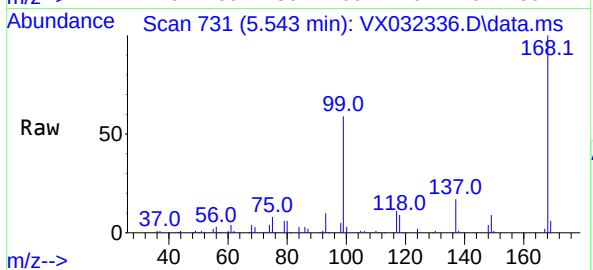
Tgt Ion: 84 Resp: 595
Ion Ratio Lower Upper
84 100
49 79.2 92.6 139.0#
51 30.6 29.2 43.8
86 54.6 51.4 77.0



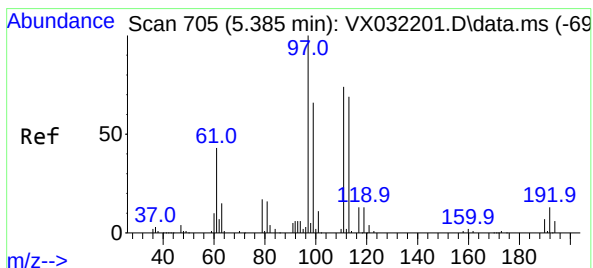
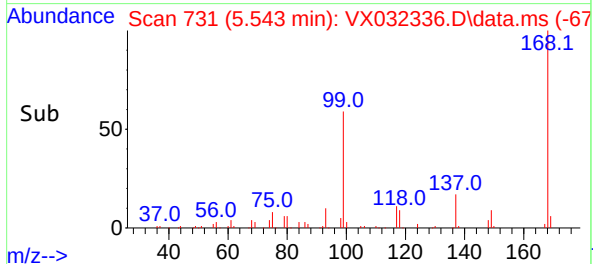
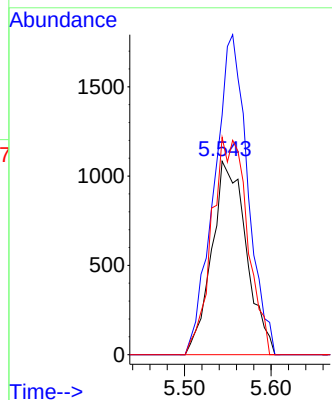


#31
Cyclohexane
Concen: 1.511 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.066 min
Lab File: VX032336.D
Acq: 24 Oct 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-15-20221019DL

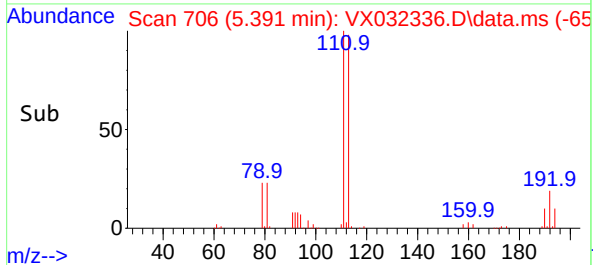
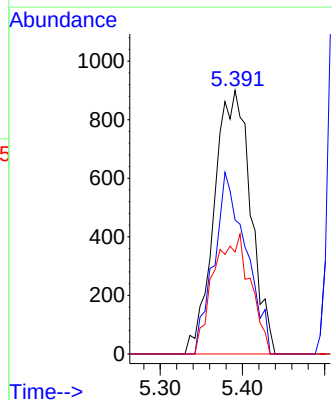
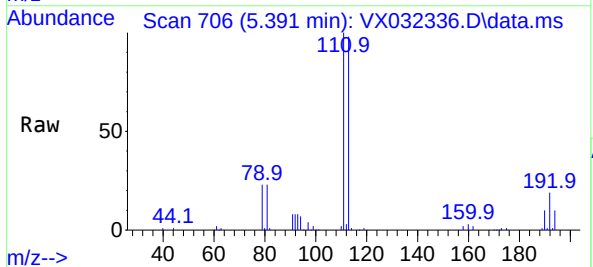


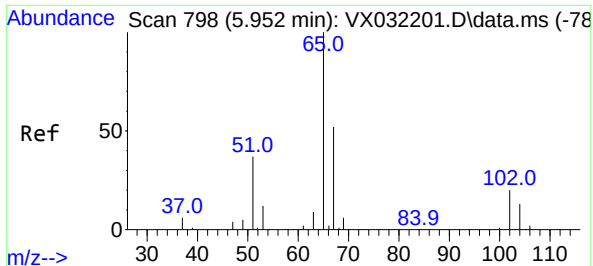
Tgt Ion: 56 Resp: 2999
Ion Ratio Lower Upper
56 100
69 123.9 25.4 38.0#
84 112.4 71.2 106.8#



#32
1,1,1-Trichloroethane
Concen: 1.266 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032336.D
Acq: 24 Oct 2022 13:37

Tgt Ion: 97 Resp: 2782
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.8#
61 45.4 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 47.037 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032336.D

Acq: 24 Oct 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

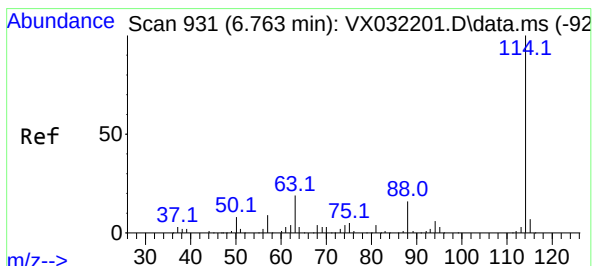
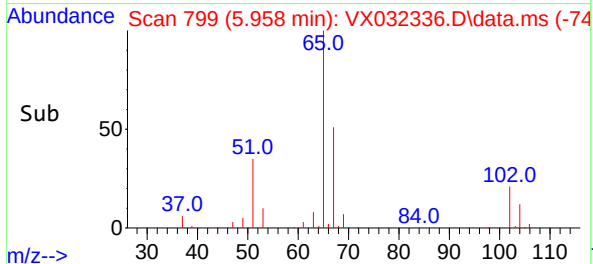
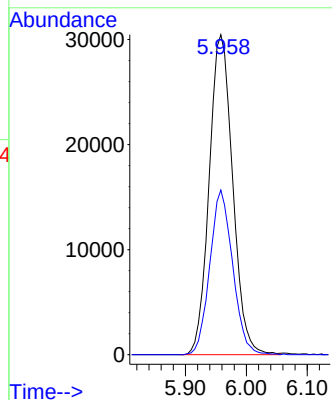
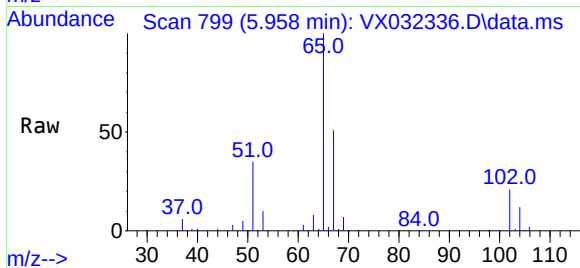
FSND-MW-15-20221019DL

Tgt Ion: 65 Resp: 81690

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: VX032336.D

Acq: 24 Oct 2022 13:37

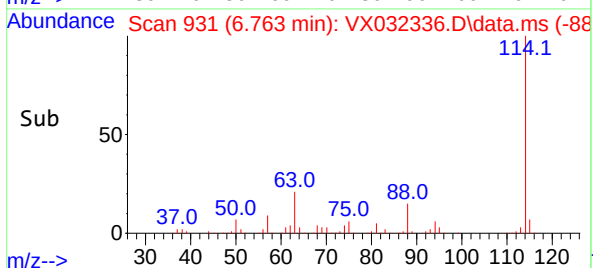
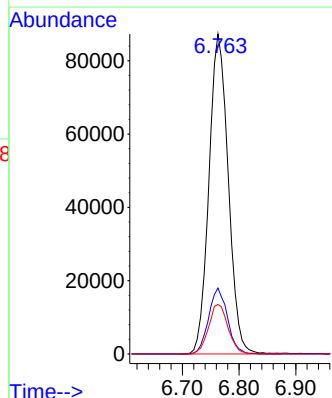
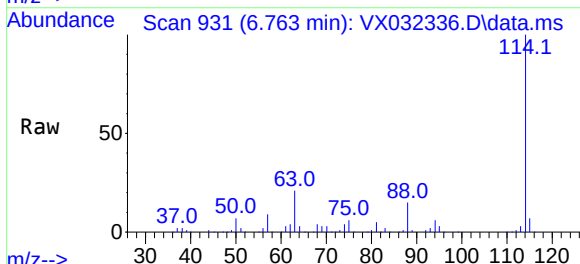
Tgt Ion: 114 Resp: 206536

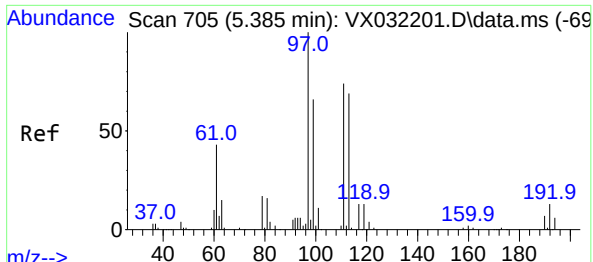
Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.6

88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.356 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032336.D

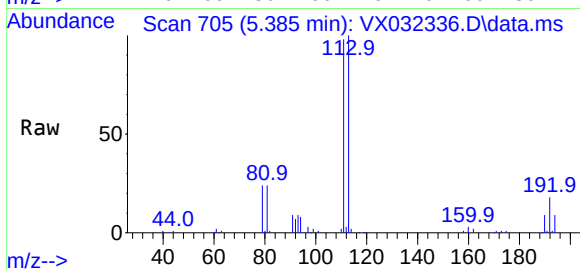
Acq: 24 Oct 2022 13:37

Instrument :

MSVOA_X

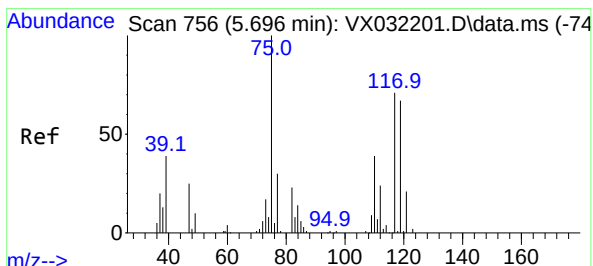
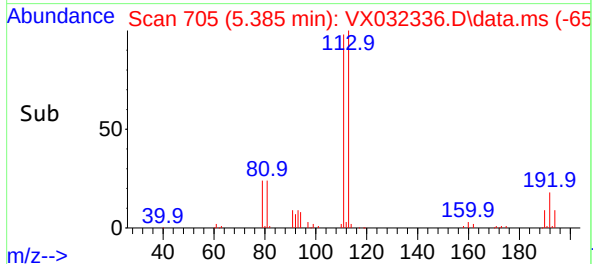
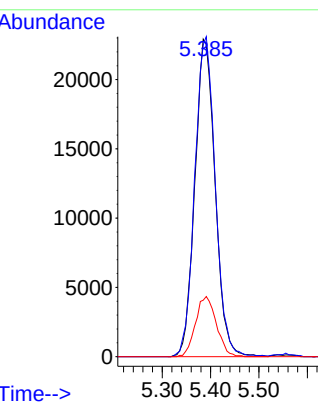
ClientSampleId :

FSND-MW-15-20221019DL



Tgt Ion:113 Resp: 66623

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.8	124.2
192	19.5	15.5	23.3



#36

1,1-Dichloropropene

Concen: 5.429 ug/l

RT: 5.549 min Scan# 732

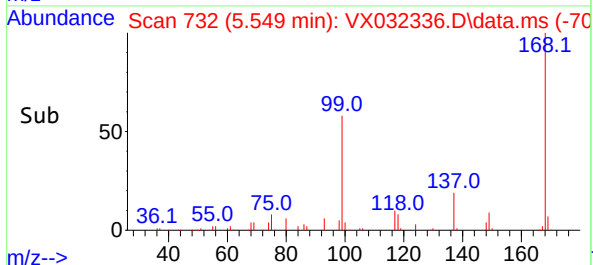
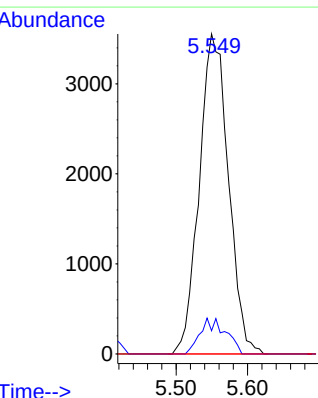
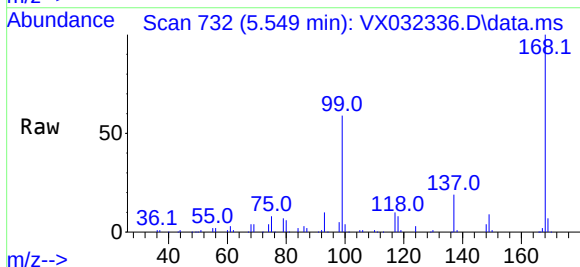
Delta R.T. -0.147 min

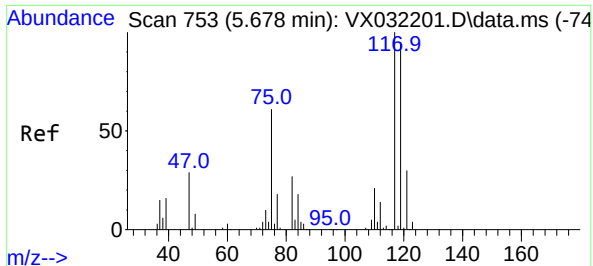
Lab File: VX032336.D

Acq: 24 Oct 2022 13:37

Tgt Ion: 75 Resp: 10037

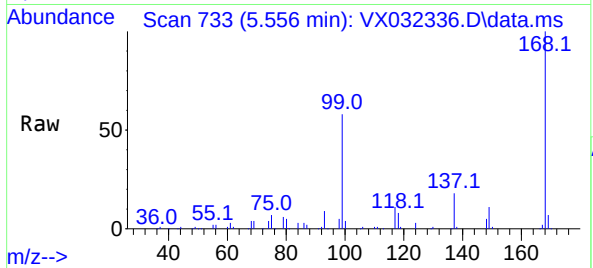
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.4	55.0#
77	0.0	24.7	37.1#



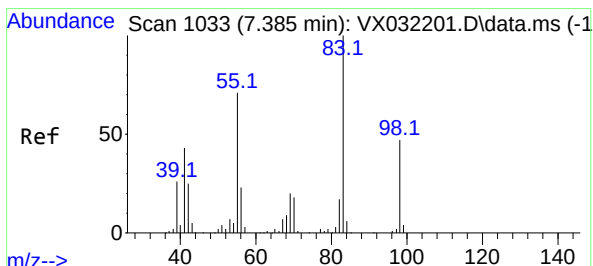
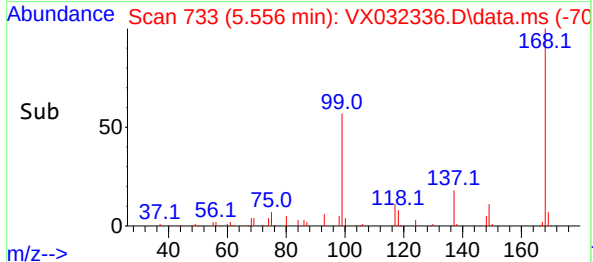
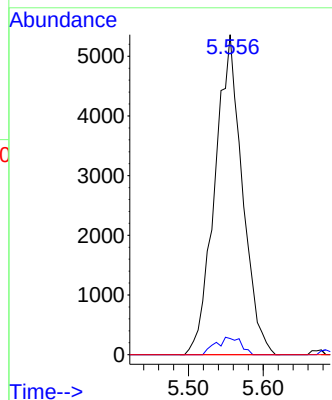


#38
Carbon Tetrachloride
Concen: 7.028 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX032336.D
Acq: 24 Oct 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-15-20221019DL

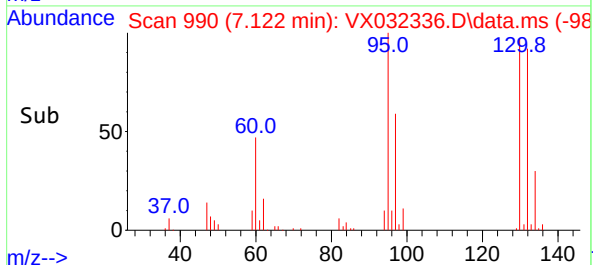
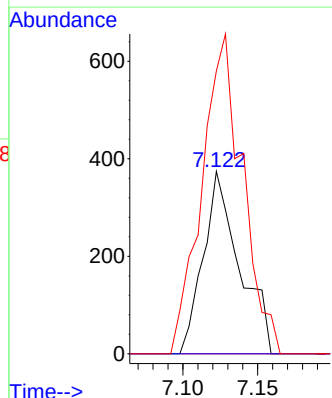
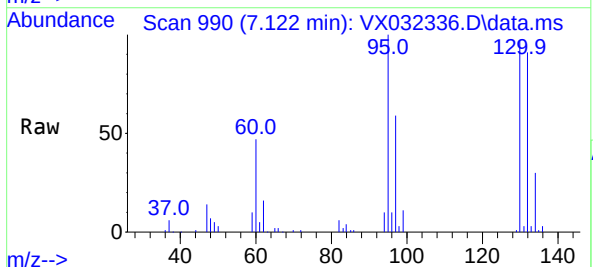


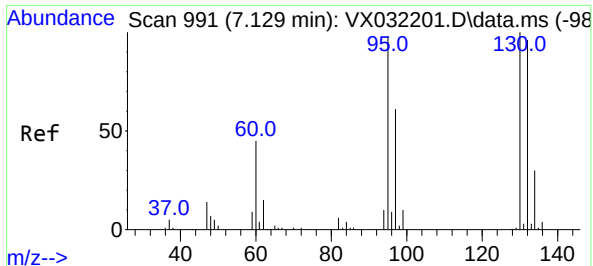
Tgt Ion:117 Resp: 13716
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.0#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 0.285 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.263 min
Lab File: VX032336.D
Acq: 24 Oct 2022 13:37

Tgt Ion: 83 Resp: 630
Ion Ratio Lower Upper
83 100
55 0.0 56.6 85.0#
98 155.1 37.4 56.0#

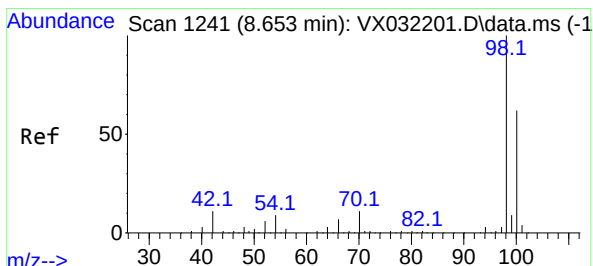
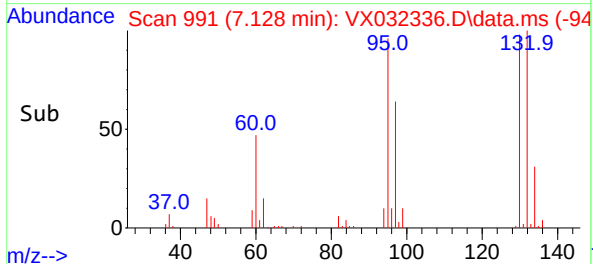
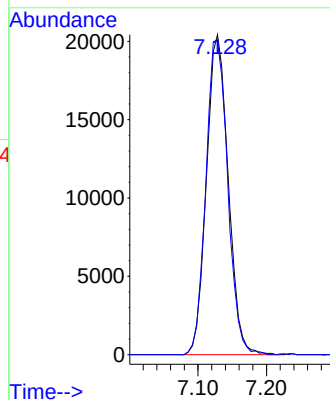
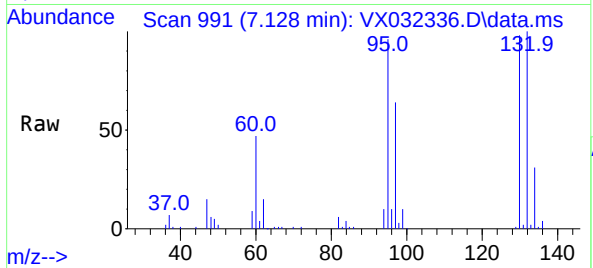




#44
Trichloroethene
Concen: 30.589 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX032336.D
Acq: 24 Oct 2022 13:37

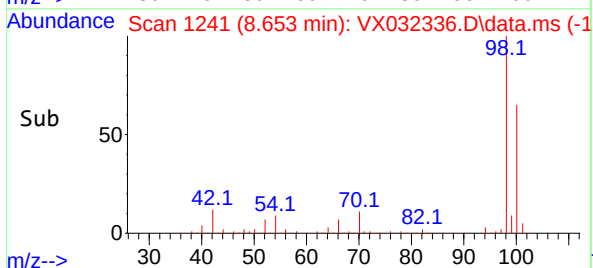
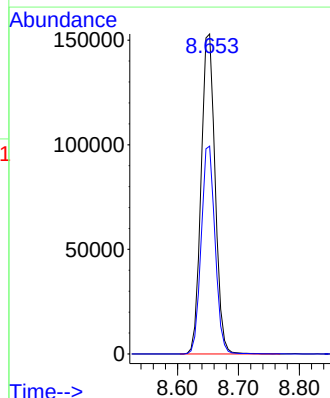
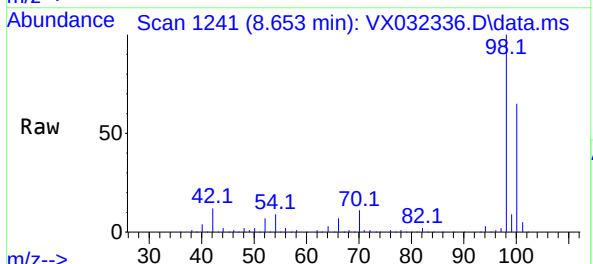
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-15-20221019DL

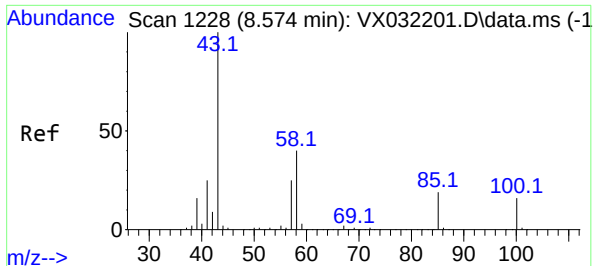
Tgt Ion:130 Resp: 45136
Ion Ratio Lower Upper
130 100
95 97.9 0.0 196.8



#50
Toluene-d8
Concen: 47.135 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032336.D
Acq: 24 Oct 2022 13:37

Tgt Ion: 98 Resp: 243854
Ion Ratio Lower Upper
98 100
100 64.4 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.614 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX032336.D

Acq: 24 Oct 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

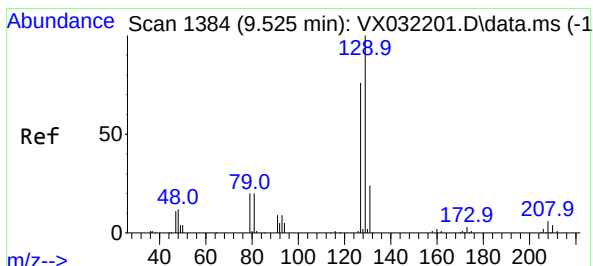
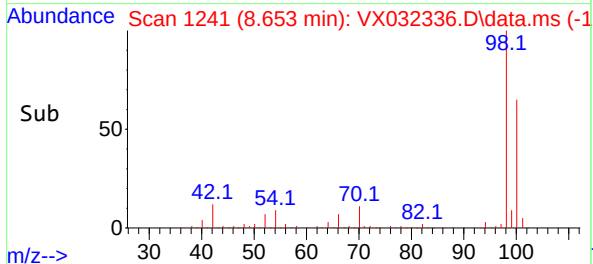
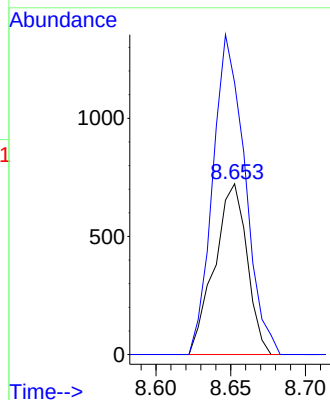
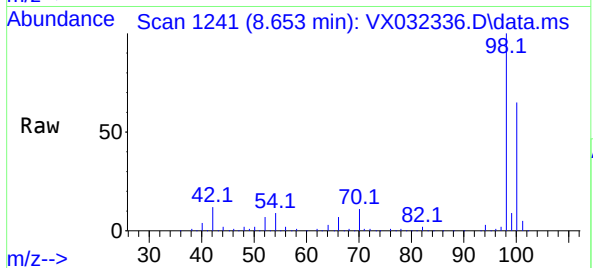
FSND-MW-15-20221019DL

Tgt Ion: 43 Resp: 1093

Ion Ratio Lower Upper

43 100

58 185.2 31.0 46.4#



#60

Dibromochloromethane

Concen: 0.214 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. -0.251 min

Lab File: VX032336.D

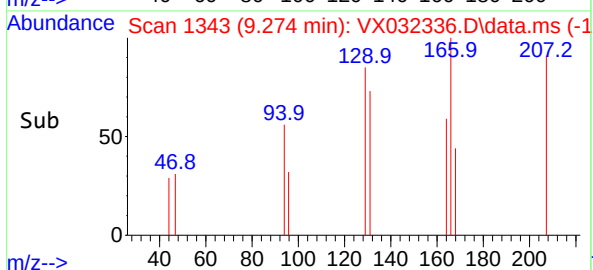
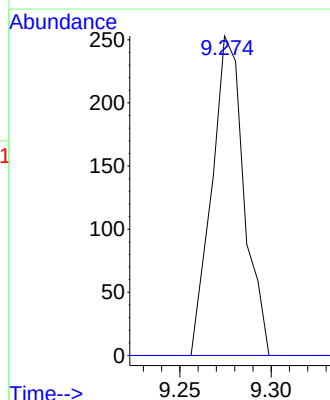
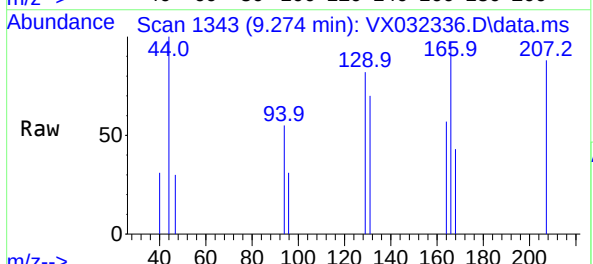
Acq: 24 Oct 2022 13:37

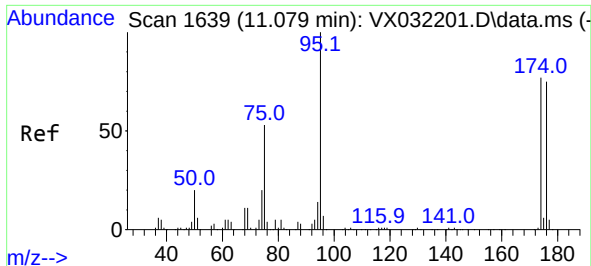
Tgt Ion: 129 Resp: 309

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#

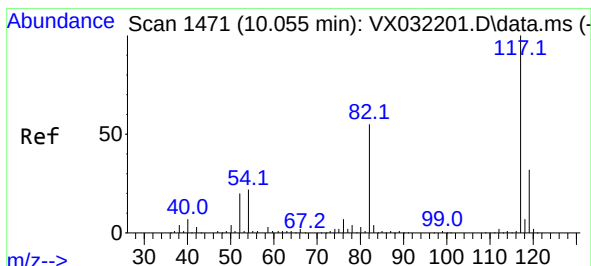
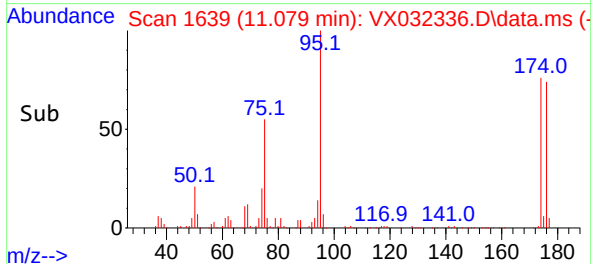
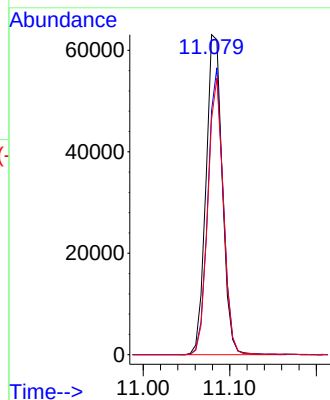
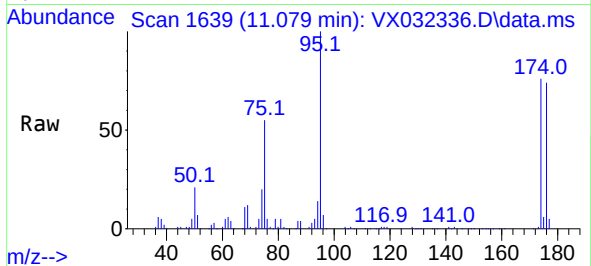




#62
4-Bromofluorobenzene
Concen: 43.612 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032336.D
Acq: 24 Oct 2022 13:37

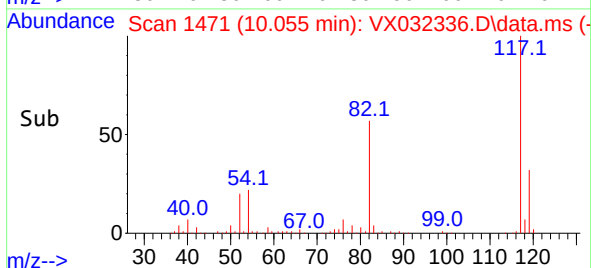
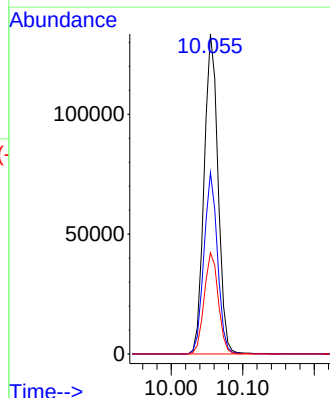
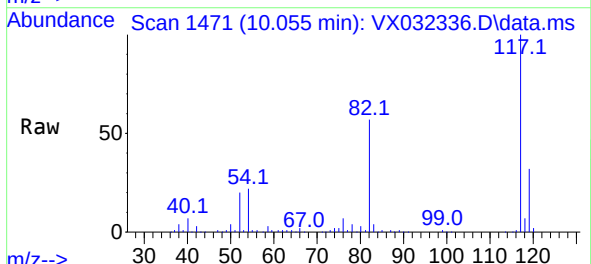
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-15-20221019DL

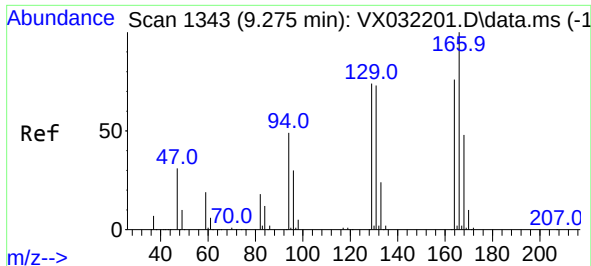
Tgt Ion: 95 Resp: 82622
Ion Ratio Lower Upper
95 100
174 84.2 0.0 166.8
176 82.0 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032336.D
Acq: 24 Oct 2022 13:37

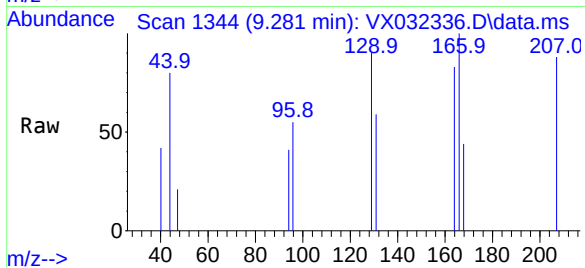
Tgt Ion: 117 Resp: 180540
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.4
119 31.6 25.8 38.8





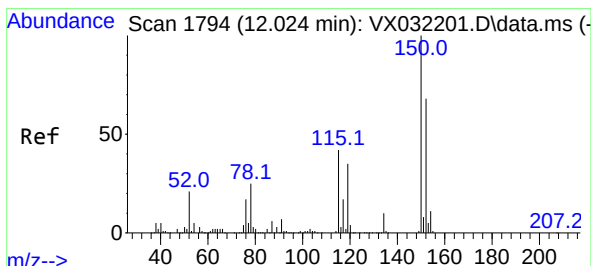
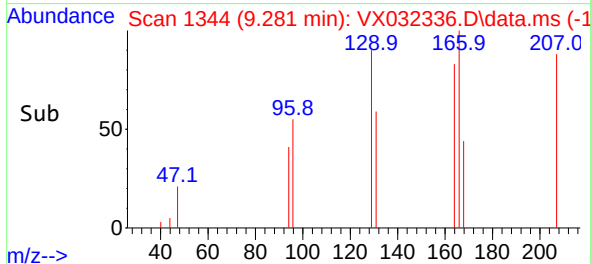
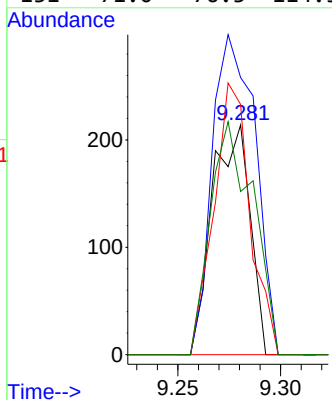
#64
Tetrachloroethene
Concen: 0.229 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.005 min
Lab File: VX032336.D
Acq: 24 Oct 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-15-20221019DL



Tgt Ion:164 Resp: 273

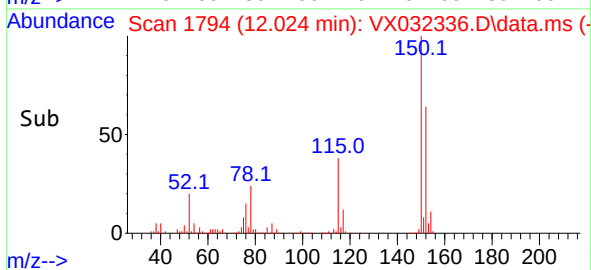
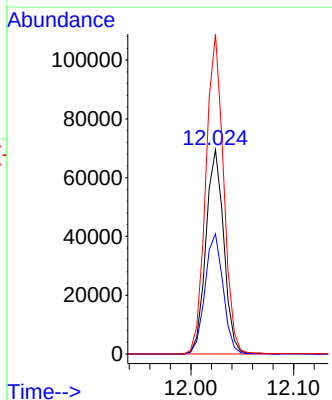
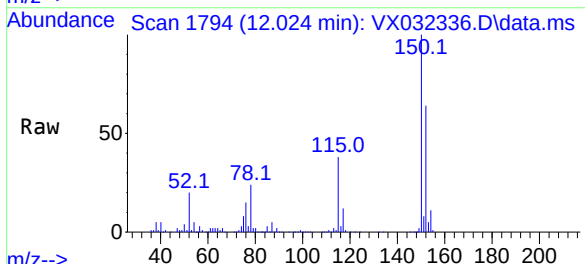
Ion	Ratio	Lower	Upper
164	100		
166	120.6	104.9	157.3
129	108.9	77.8	116.6
131	71.0	76.3	114.5

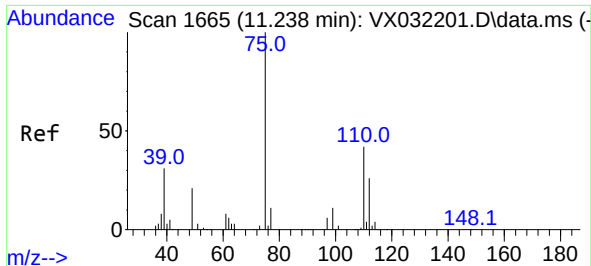


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032336.D
Acq: 24 Oct 2022 13:37

Tgt Ion:152 Resp: 84426

Ion	Ratio	Lower	Upper
152	100		
115	59.5	43.1	129.4
150	155.4	0.0	348.6

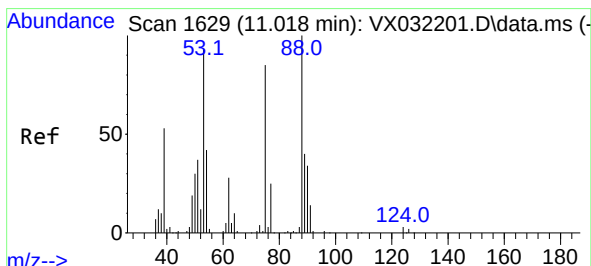
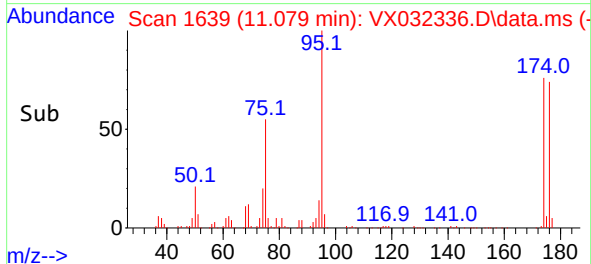
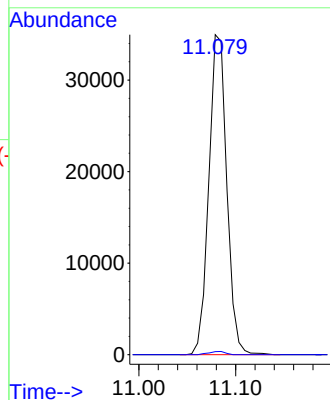
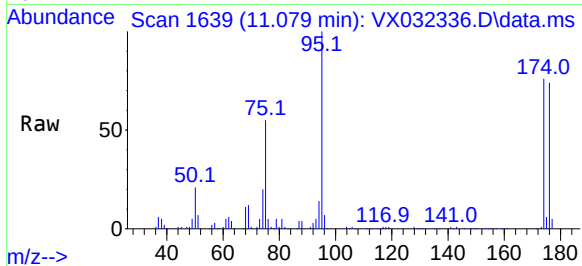




#76
1,2,3-Trichloropropane
Concen: 27.008 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032336.D
Acq: 24 Oct 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-15-20221019DL

Tgt Ion: 75 Resp: 45180
Ion Ratio Lower Upper
75 100
77 0.9 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.926 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032336.D
Acq: 24 Oct 2022 13:37

Tgt Ion: 75 Resp: 45180
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

