

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032313.D
 Acq On : 22 Oct 2022 02:06
 Operator : JC/MD
 Sample : N5248-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-FD-01-20221018

Quant Time: Oct 22 06:04:42 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)

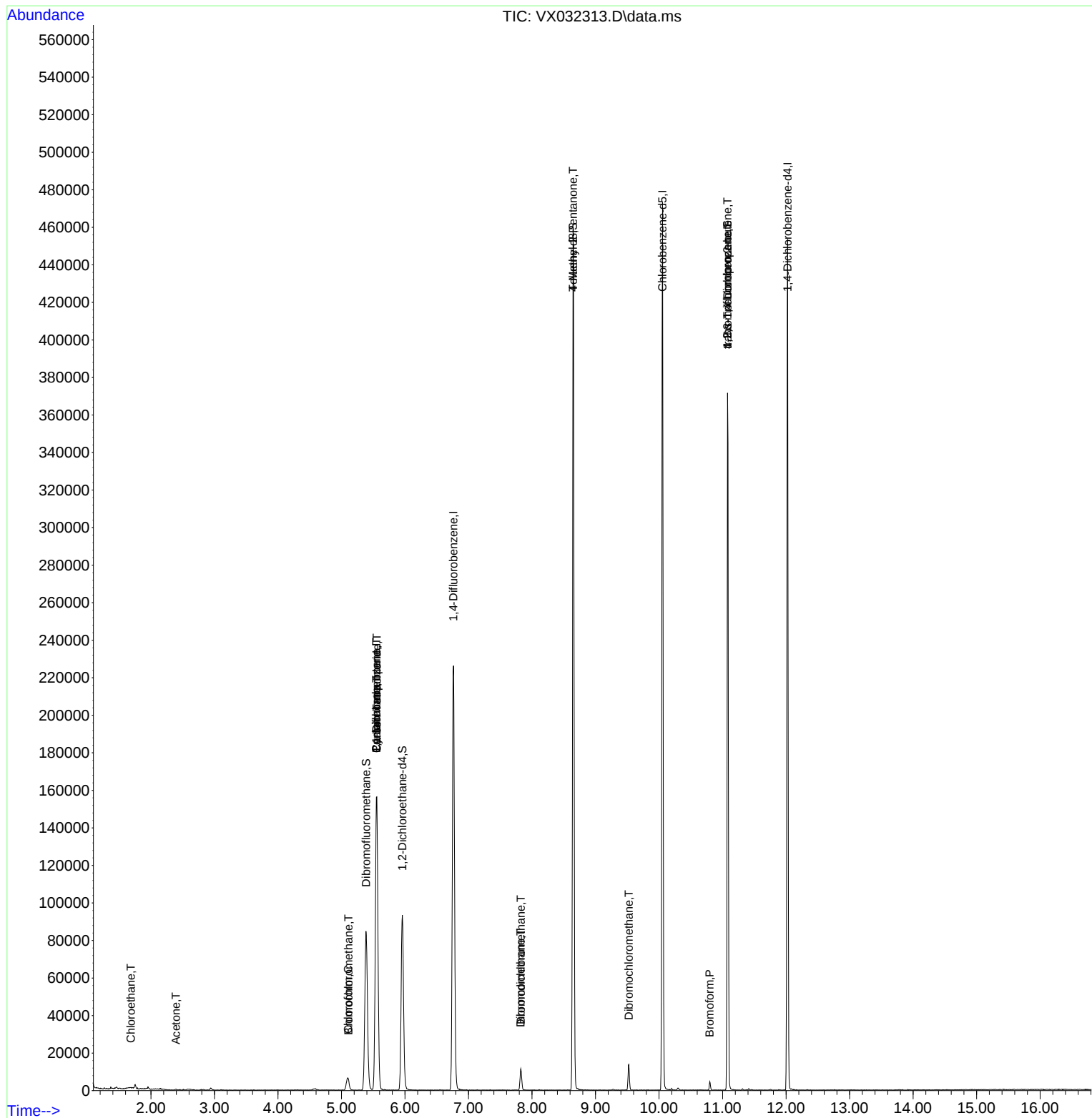
Internal Standards						
1) Pentafluorobenzene	5.550	168	148166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229794	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93169	48.337	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.680%		
35) Dibromofluoromethane	5.385	113	73143	45.741	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.480%		
50) Toluene-d8	8.647	98	266326	46.268	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.540%		
62) 4-Bromofluorobenzene	11.079	95	95385	45.253	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.500%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	103	Below Cal	#	44
6) Chloroethane	1.685	64	29	1.972	ug/l #	41
11) Tert butyl alcohol	2.941	59	702	Below Cal	#	74
16) Acetone	2.392	43	641	1.025	ug/l	95
28) Bromochloromethane	5.111	49	710	0.655	ug/l #	9
30) Chloroform	5.105	83	8458	2.957	ug/l	96
31) Cyclohexane	5.550	56	3612	1.639	ug/l #	36
36) 1,1-Dichloropropene	5.550	75	11723	5.699	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16131	7.429	ug/l #	16
46) Dibromomethane	7.818	93	229	0.204	ug/l #	3
47) Bromodichloromethane	7.824	83	7458	3.599	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	1281	0.646	ug/l #	1
60) Dibromochloromethane	9.525	129	6111	3.801	ug/l	100
71) Bromoform	10.799	173	1600	3.359	ug/l #	93
76) 1,2,3-Trichloropropane	11.079	75	52958	29.319	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	52958	89.785	ug/l #	6

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

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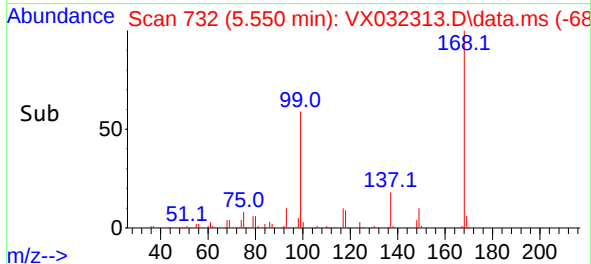
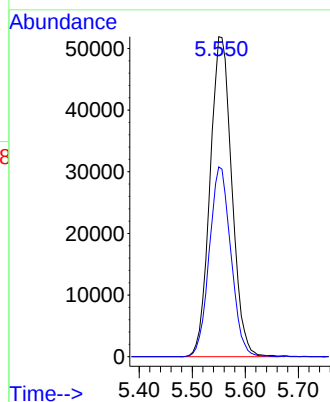
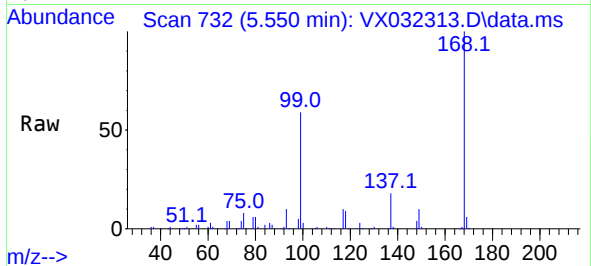




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

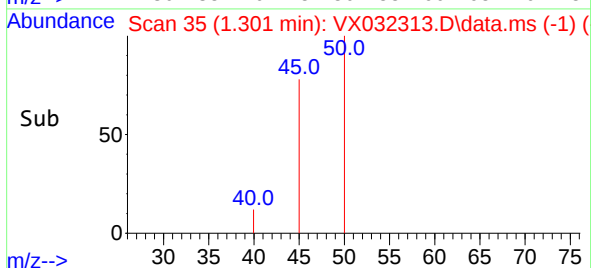
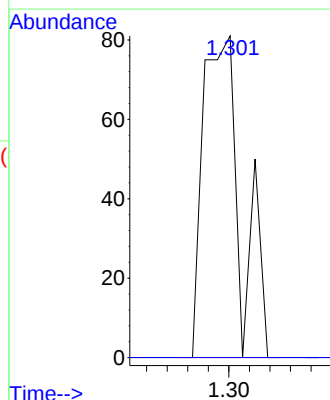
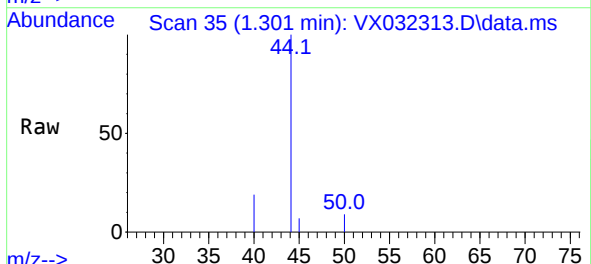
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-01-20221018

Tgt Ion:168 Resp: 148166
Ion Ratio Lower Upper
168 100
99 59.3 44.8 67.2

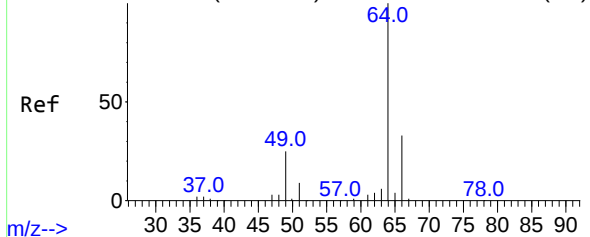


#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

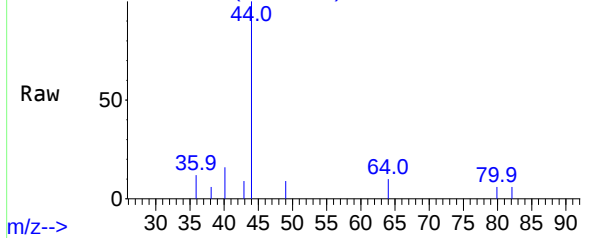
Tgt Ion: 50 Resp: 103
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



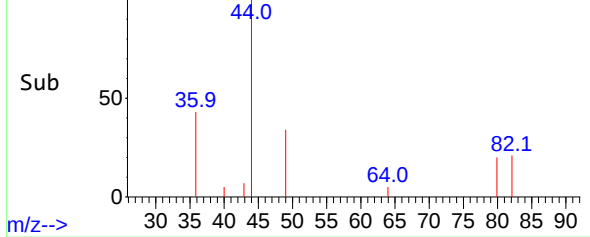
Abundance Scan 98 (1.685 min): VX032201.D\data.ms (-89)



Abundance Scan 98 (1.685 min): VX032313.D\data.ms



Abundance Scan 98 (1.685 min): VX032313.D\data.ms (-49)



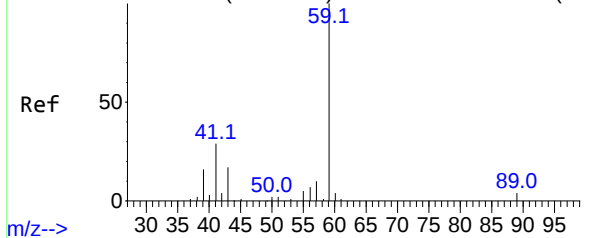
#6
Chloroethane
Concen: 1.972 ug/l
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

Tgt Ion: 64 Resp: 29
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#

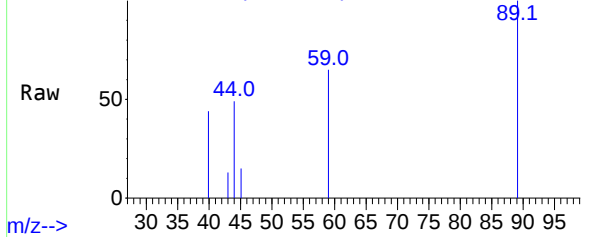
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-01-20221018



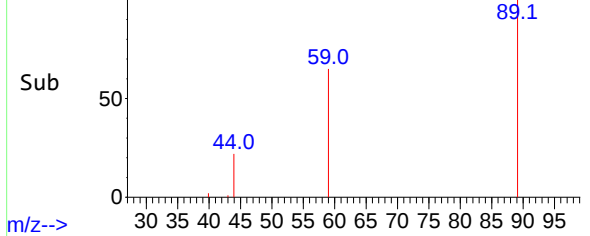
Abundance Scan 310 (2.977 min): VX032201.D\data.ms (-29)



Abundance Scan 304 (2.941 min): VX032313.D\data.ms

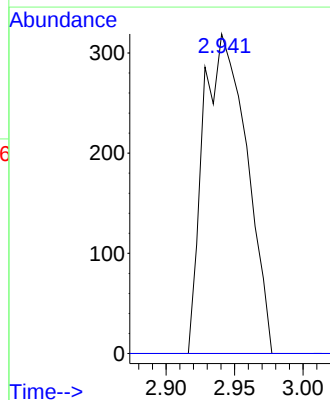


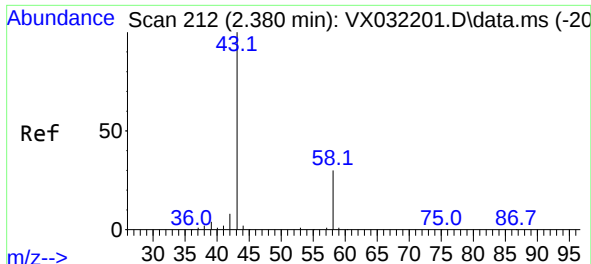
Abundance Scan 304 (2.941 min): VX032313.D\data.ms (-26)



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.036 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

Tgt Ion: 59 Resp: 702
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

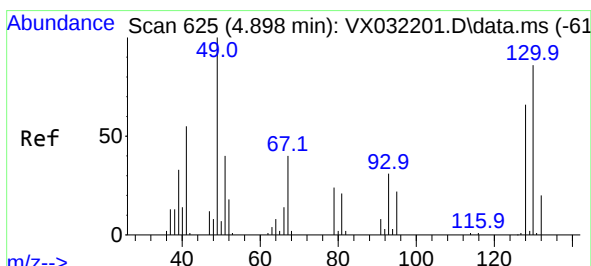
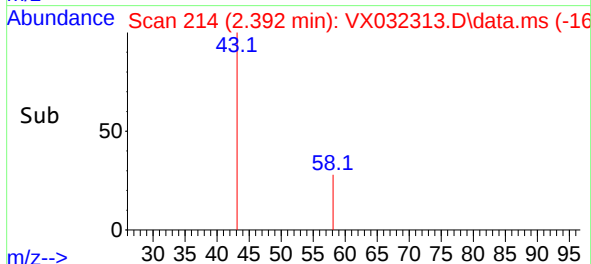
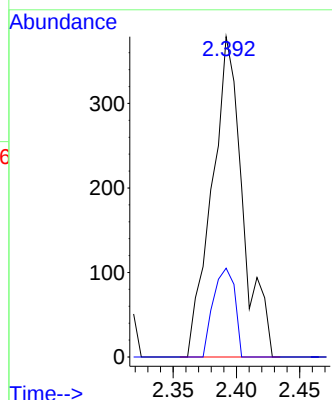
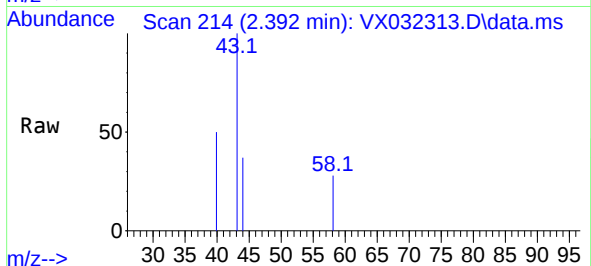




#16
Acetone
Concen: 1.025 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

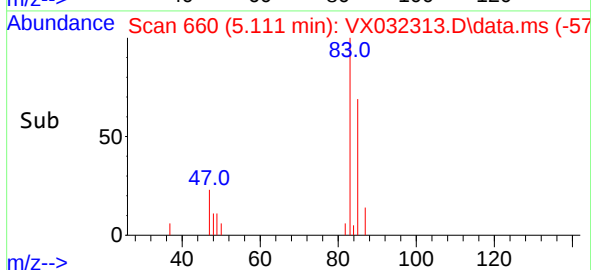
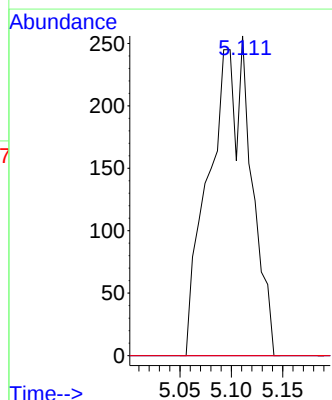
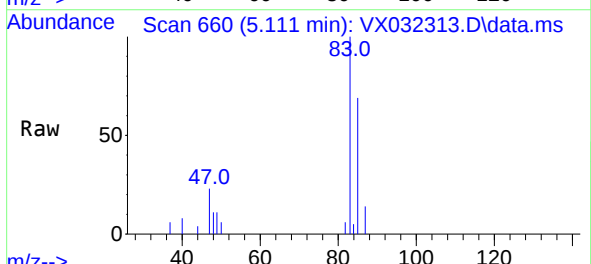
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-01-20221018

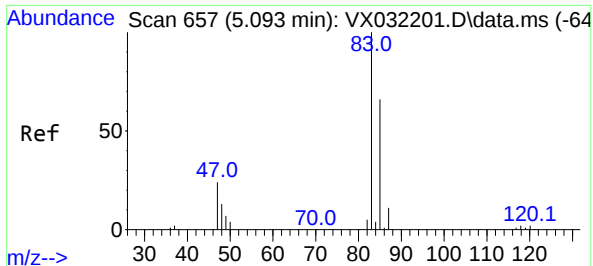
Tgt Ion: 43 Resp: 641
Ion Ratio Lower Upper
43 100
58 27.7 24.2 36.2



#28
Bromochloromethane
Concen: 0.655 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.213 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

Tgt Ion: 49 Resp: 710
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 0.0 68.3 102.5#





#30

Chloroform

Concen: 2.957 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX032313.D

Acq: 22 Oct 2022 02:06

Instrument :

MSVOA_X

ClientSampleId :

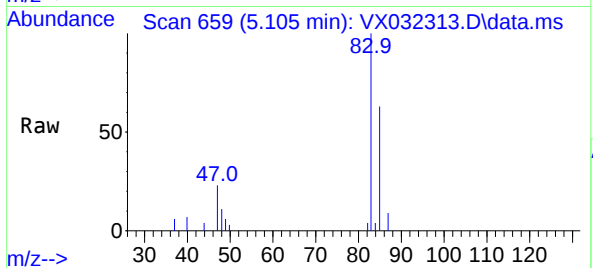
FSND-FD-01-20221018

Tgt Ion: 83 Resp: 8458

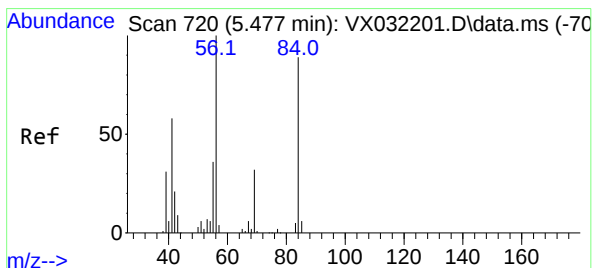
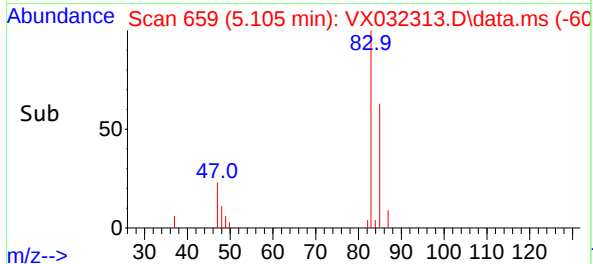
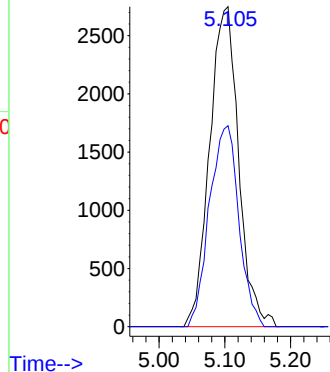
Ion Ratio Lower Upper

83 100

85 62.8 52.5 78.7



Abundance



#31

Cyclohexane

Concen: 1.639 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX032313.D

Acq: 22 Oct 2022 02:06

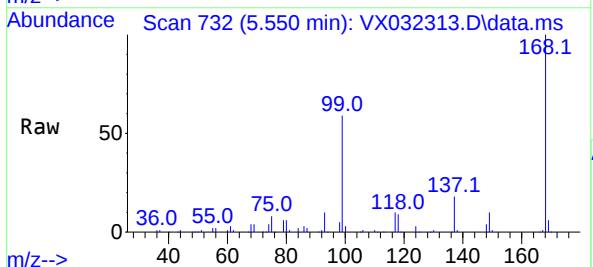
Tgt Ion: 56 Resp: 3612

Ion Ratio Lower Upper

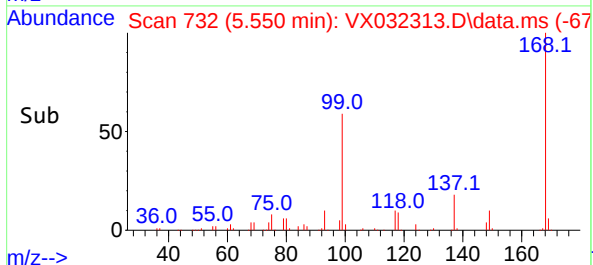
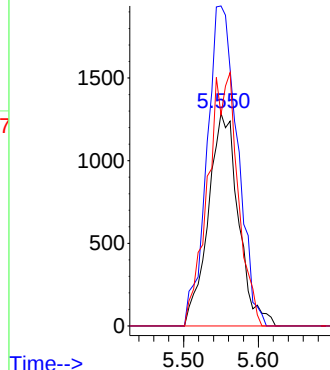
56 100

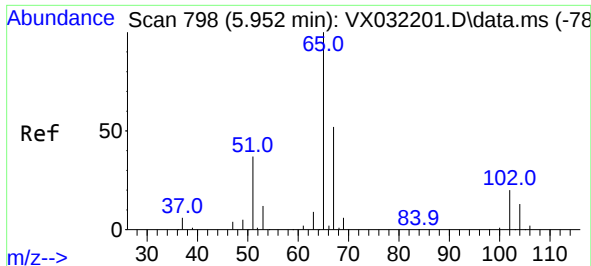
69 150.4 25.4 38.0#

84 99.3 71.2 106.8



Abundance





#33

1,2-Dichloroethane-d4

Concen: 48.337 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032313.D

Acq: 22 Oct 2022 02:06

Instrument :

MSVOA_X

ClientSampleId :

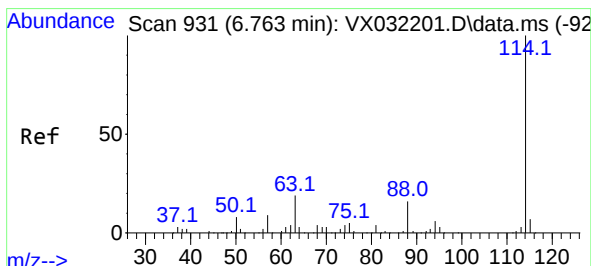
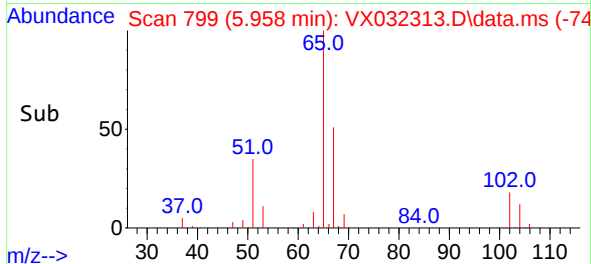
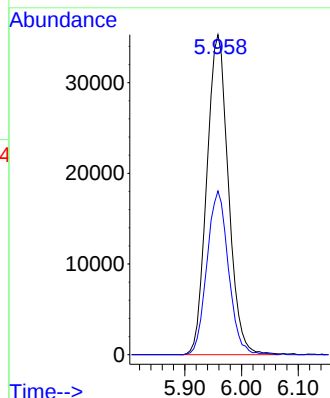
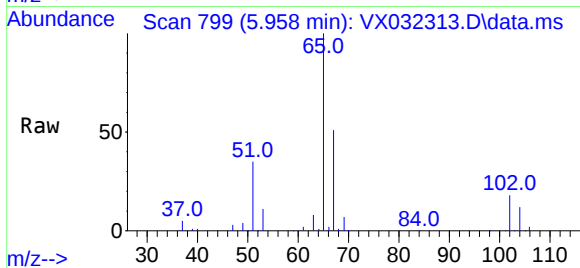
FSND-FD-01-20221018

Tgt Ion: 65 Resp: 93169

Ion Ratio Lower Upper

65 100

67 51.0 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: VX032313.D

Acq: 22 Oct 2022 02:06

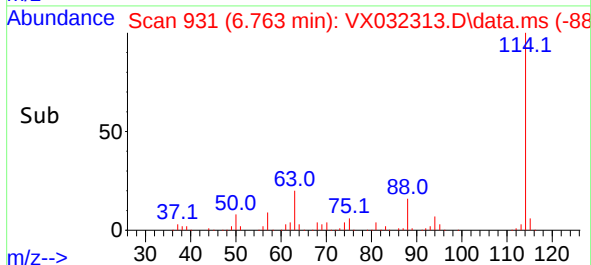
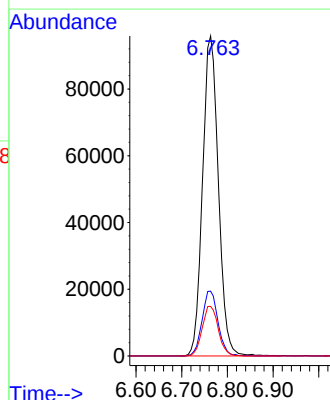
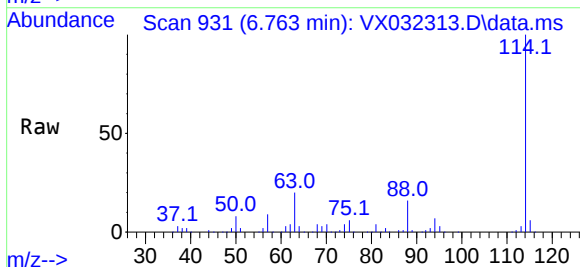
Tgt Ion: 114 Resp: 229794

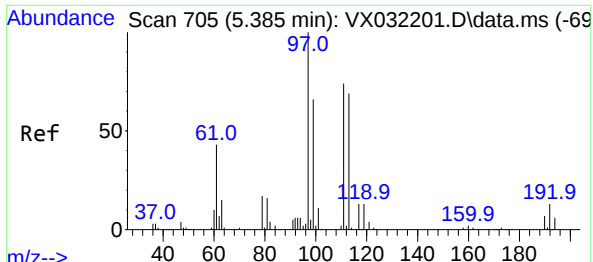
Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.6

88 15.5 0.0 32.6



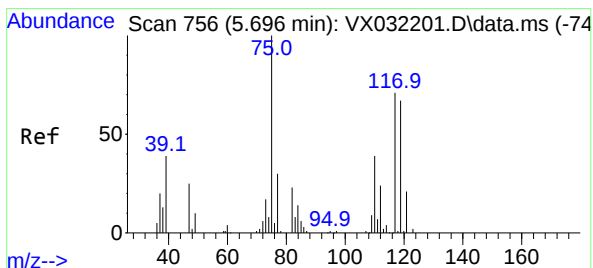
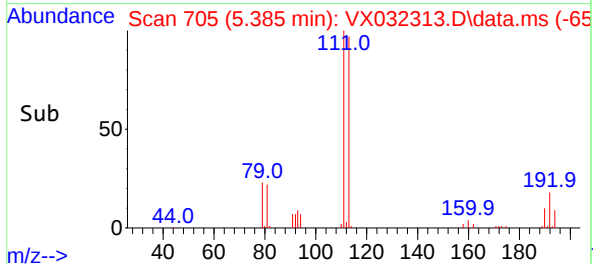
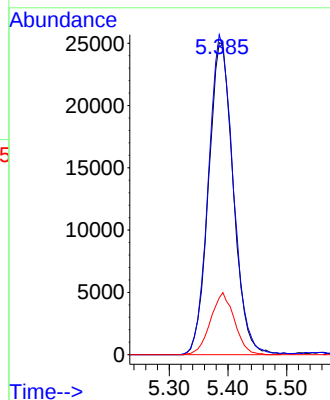
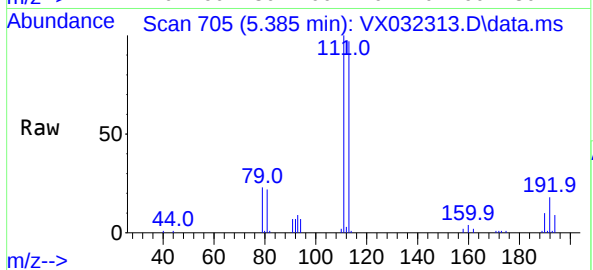


#35
Dibromofluoromethane
Concen: 45.741 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-01-20221018

Tgt Ion:113 Resp: 73143

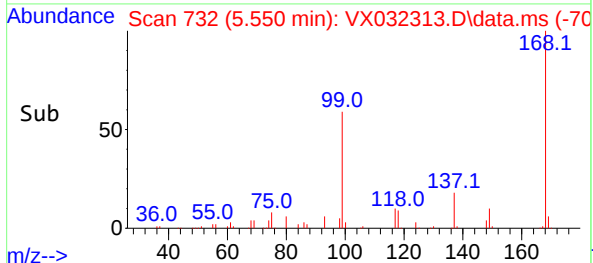
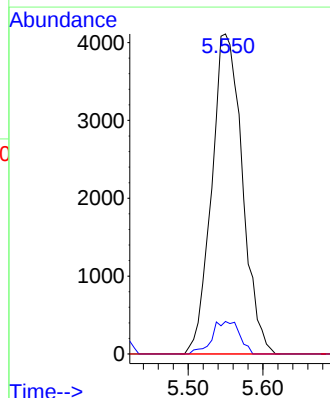
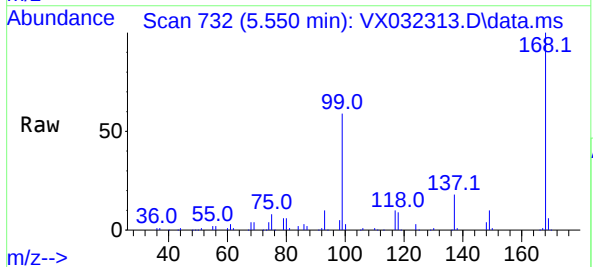
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.8	124.2
192	19.2	15.5	23.3

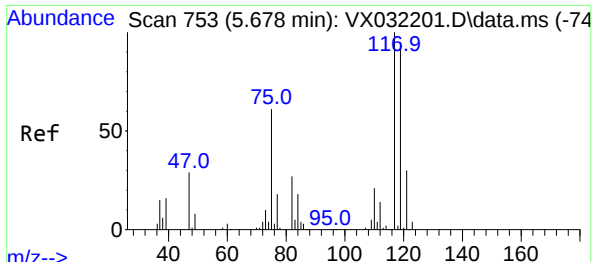


#36
1,1-Dichloropropene
Concen: 5.699 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

Tgt Ion: 75 Resp: 11723

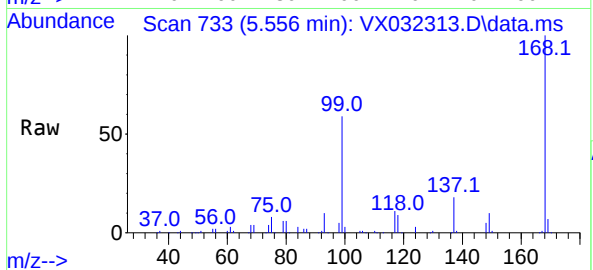
Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.4	55.0#
77	0.0	24.7	37.1#



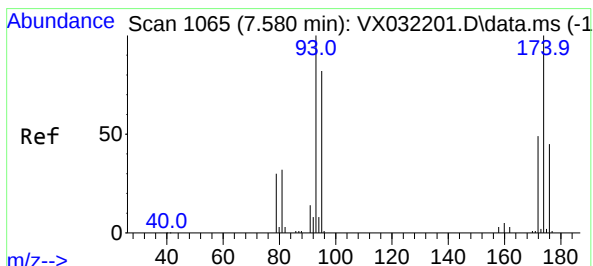
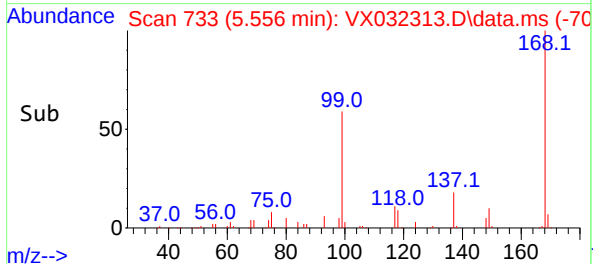
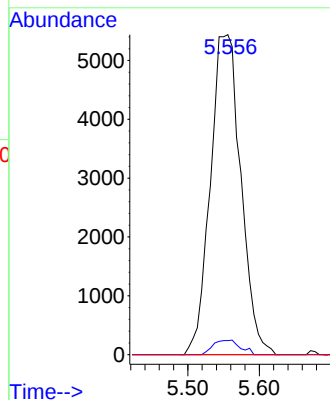


#38
Carbon Tetrachloride
Concen: 7.429 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

Instrument :
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ClientSampleId :
FSND-FD-01-20221018

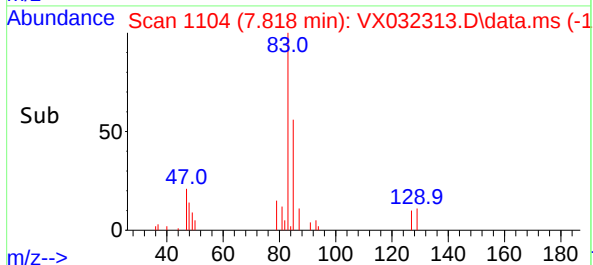
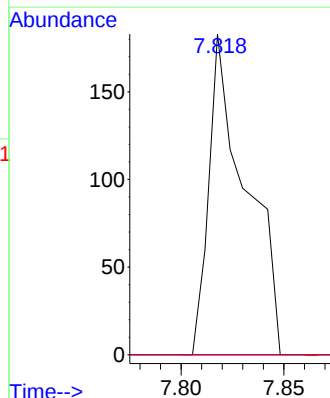
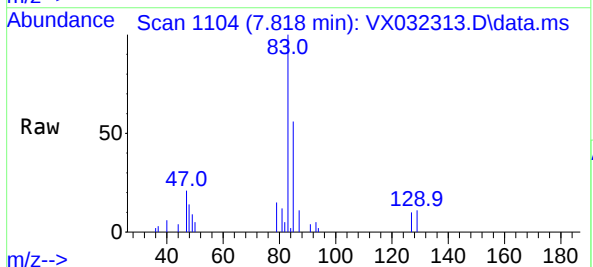


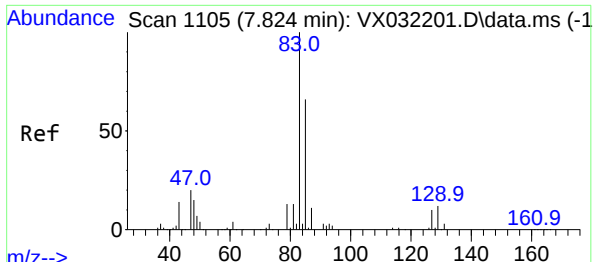
Tgt Ion:117 Resp: 16131
Ion Ratio Lower Upper
117 100
119 4.4 75.4 113.0#
121 0.0 23.9 35.9#



#46
Dibromomethane
Concen: 0.204 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.238 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

Tgt Ion: 93 Resp: 229
Ion Ratio Lower Upper
93 100
95 0.0 66.1 99.1#
174 0.0 80.7 121.1#

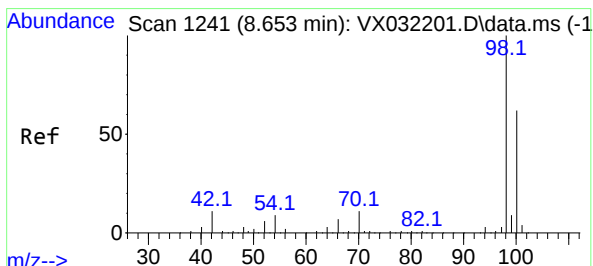
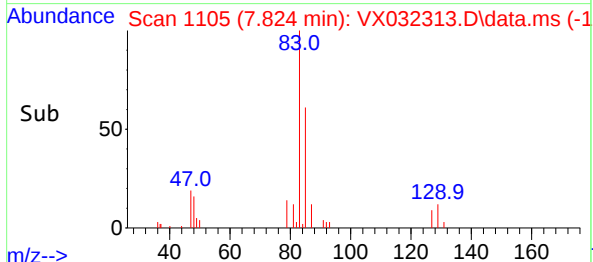
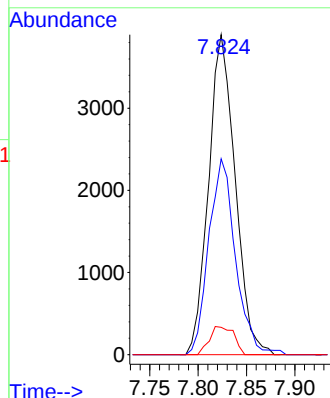
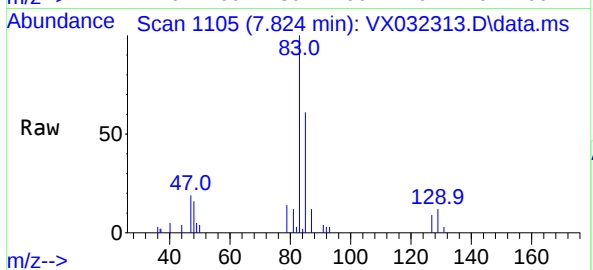




#47
Bromodichloromethane
Concen: 3.599 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

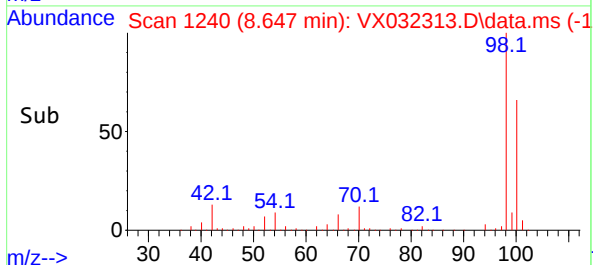
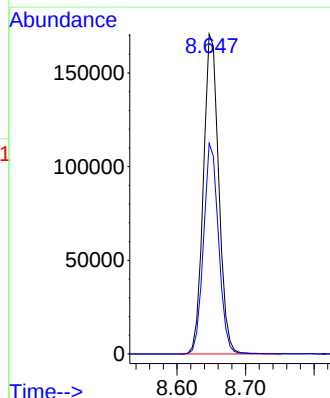
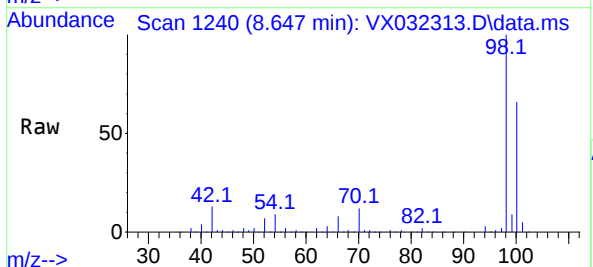
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-01-20221018

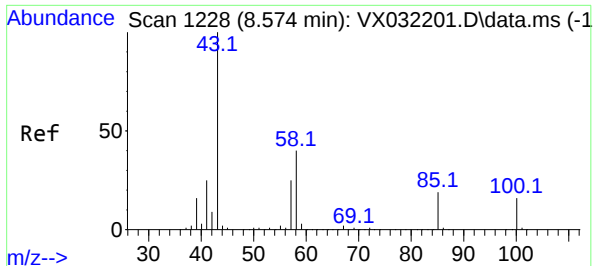
Tgt Ion: 83	Resp:	7458
Ion	Ratio	Lower Upper
83	100	
85	61.2	53.0 79.6
127	8.5	7.8 11.8



#50
Toluene-d8
Concen: 46.268 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

Tgt Ion: 98	Resp:	266326
Ion	Ratio	Lower Upper
98	100	
100	64.6	50.7 76.1

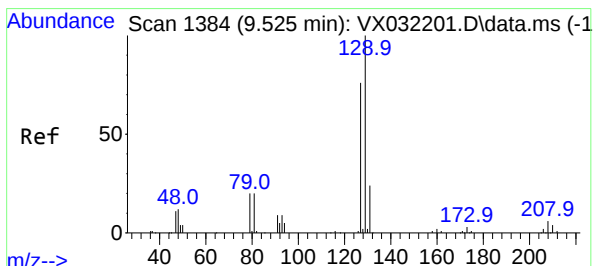
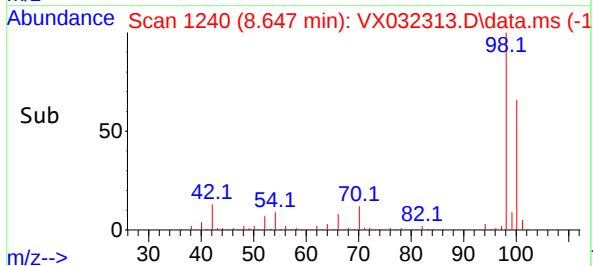
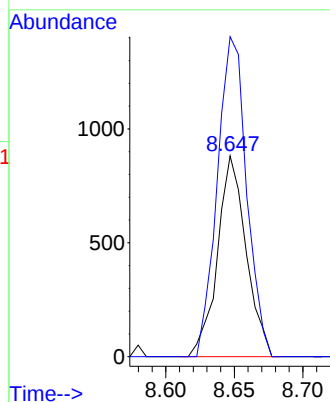
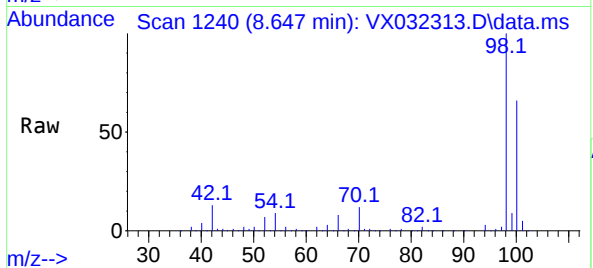




#51
4-Methyl-2-Pentanone
Concen: 0.646 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

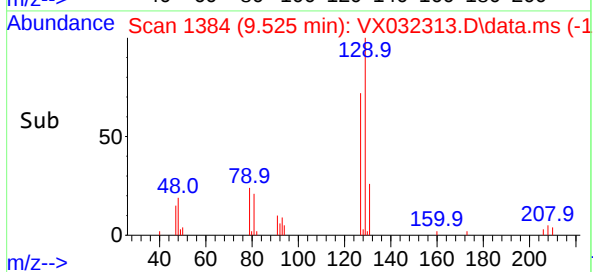
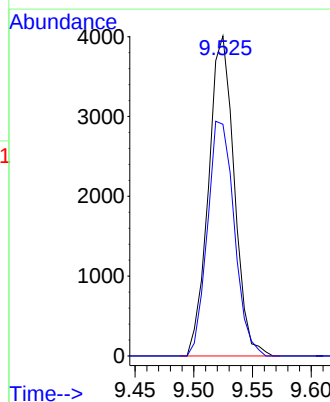
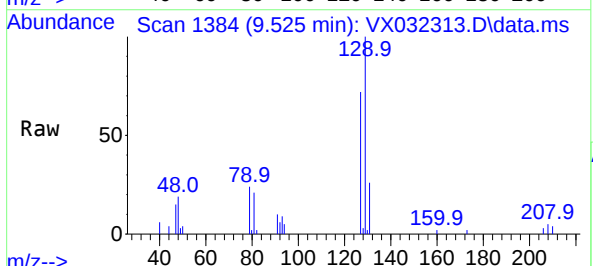
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-01-20221018

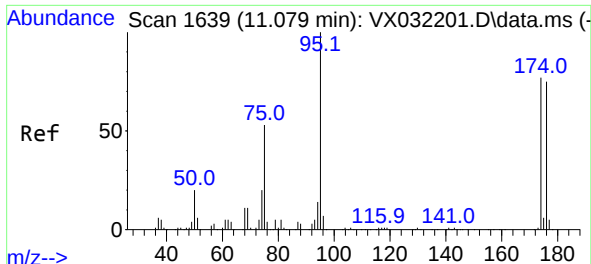
Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
58 163.2 31.0 46.4#



#60
Dibromochloromethane
Concen: 3.801 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

Tgt Ion: 129 Resp: 6111
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.2





#62

4-Bromofluorobenzene

Concen: 45.253 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032313.D

Acq: 22 Oct 2022 02:06

Instrument :

MSVOA_X

ClientSampleId :

FSND-FD-01-20221018

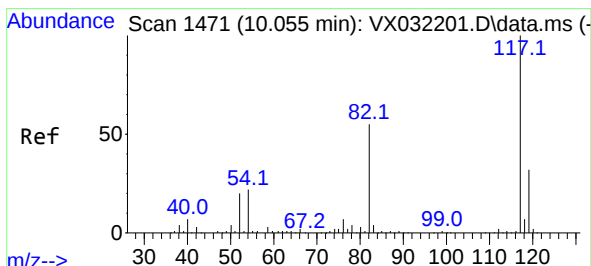
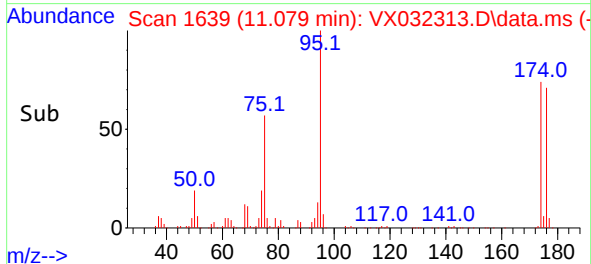
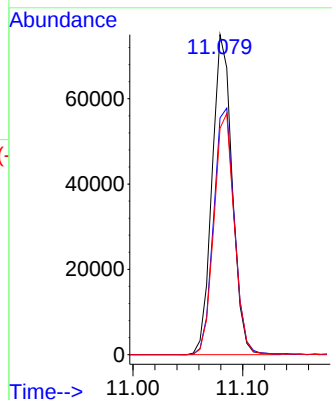
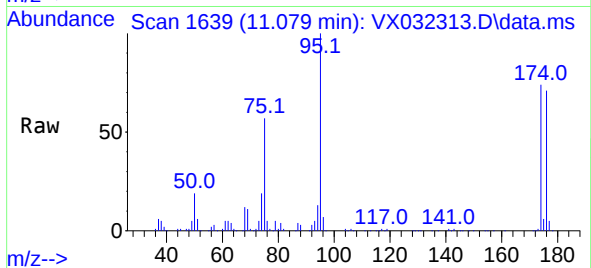
Tgt Ion: 95 Resp: 95385

Ion Ratio Lower Upper

95 100

174 80.0 0.0 166.8

176 76.7 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: VX032313.D

Acq: 22 Oct 2022 02:06

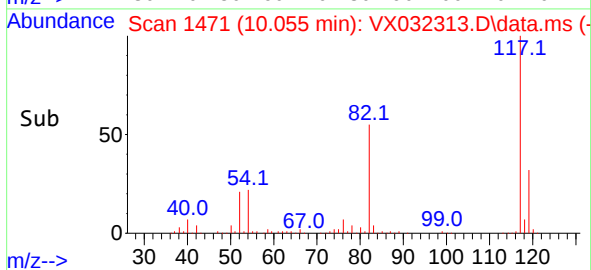
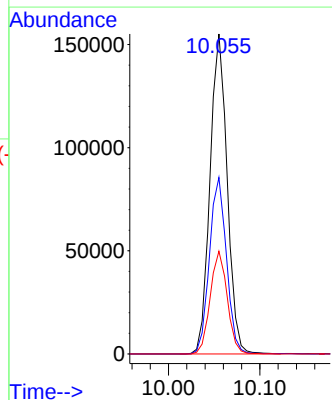
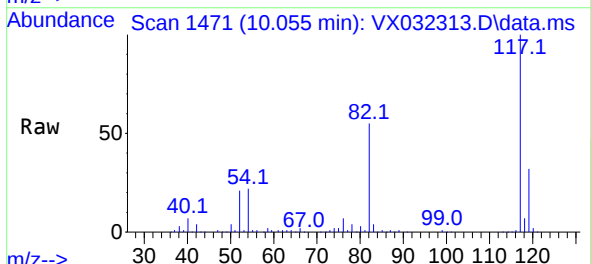
Tgt Ion: 117 Resp: 201951

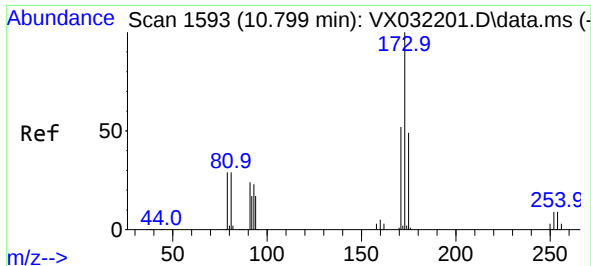
Ion Ratio Lower Upper

117 100

82 55.2 44.2 66.4

119 32.1 25.8 38.8

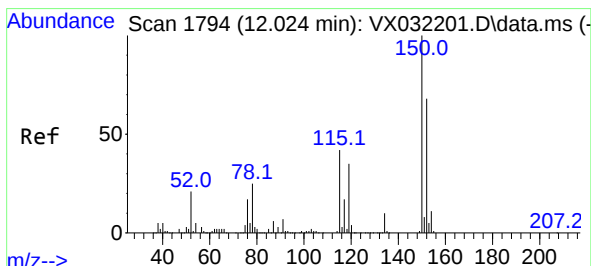
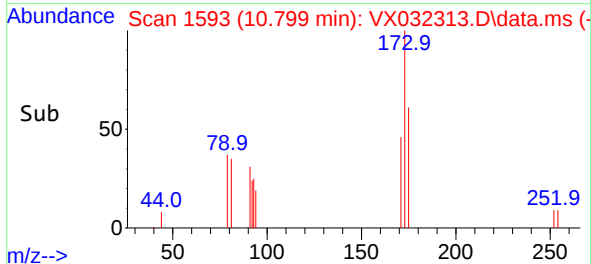
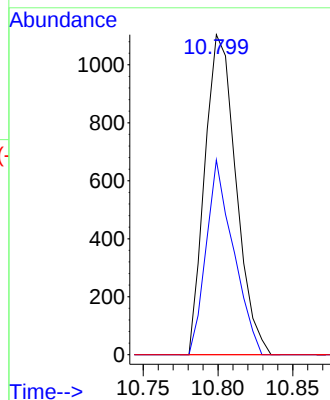
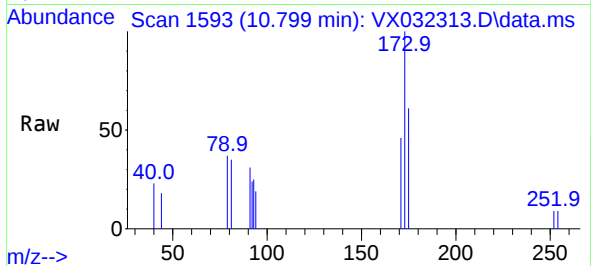




#71
Bromoform
Concen: 3.359 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

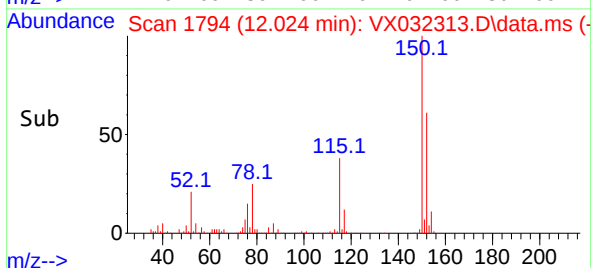
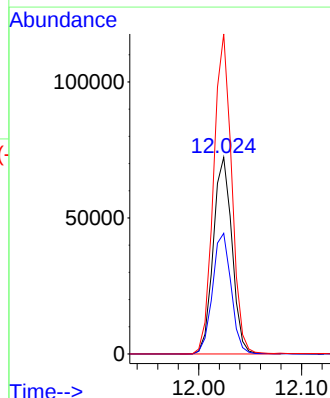
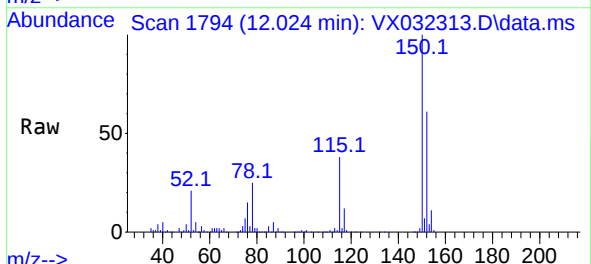
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-01-20221018

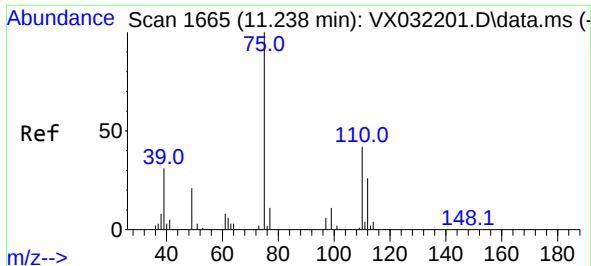
Tgt Ion:173 Resp: 1600
Ion Ratio Lower Upper
173 100
175 53.3 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

Tgt Ion:152 Resp: 91160
Ion Ratio Lower Upper
152 100
115 61.2 43.1 129.4
150 157.7 0.0 348.6

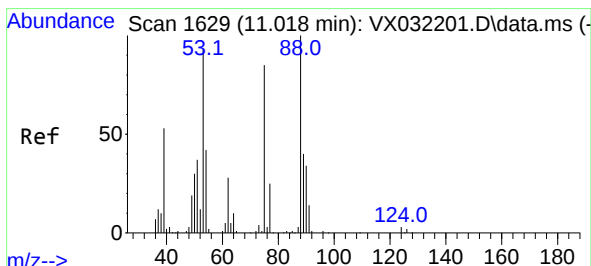
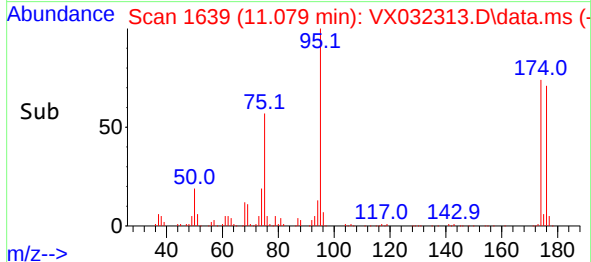
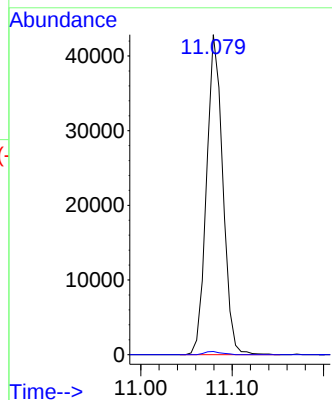
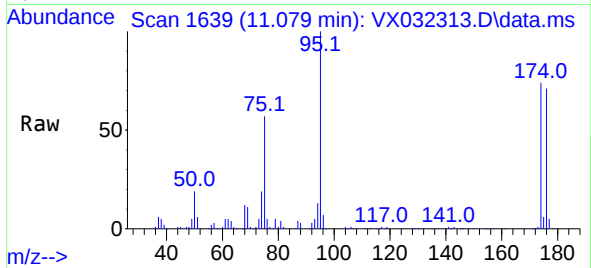




#76
1,2,3-Trichloropropane
Concen: 29.319 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-01-20221018

Tgt Ion: 75 Resp: 52958
Ion Ratio Lower Upper
75 100
77 1.0 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.785 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

Tgt Ion: 75 Resp: 52958
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

