

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032317.D
 Acq On : 22 Oct 2022 03:38
 Operator : JC/MD
 Sample : N5248-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-16-20221019

Quant Time: Oct 22 06:05:23 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)

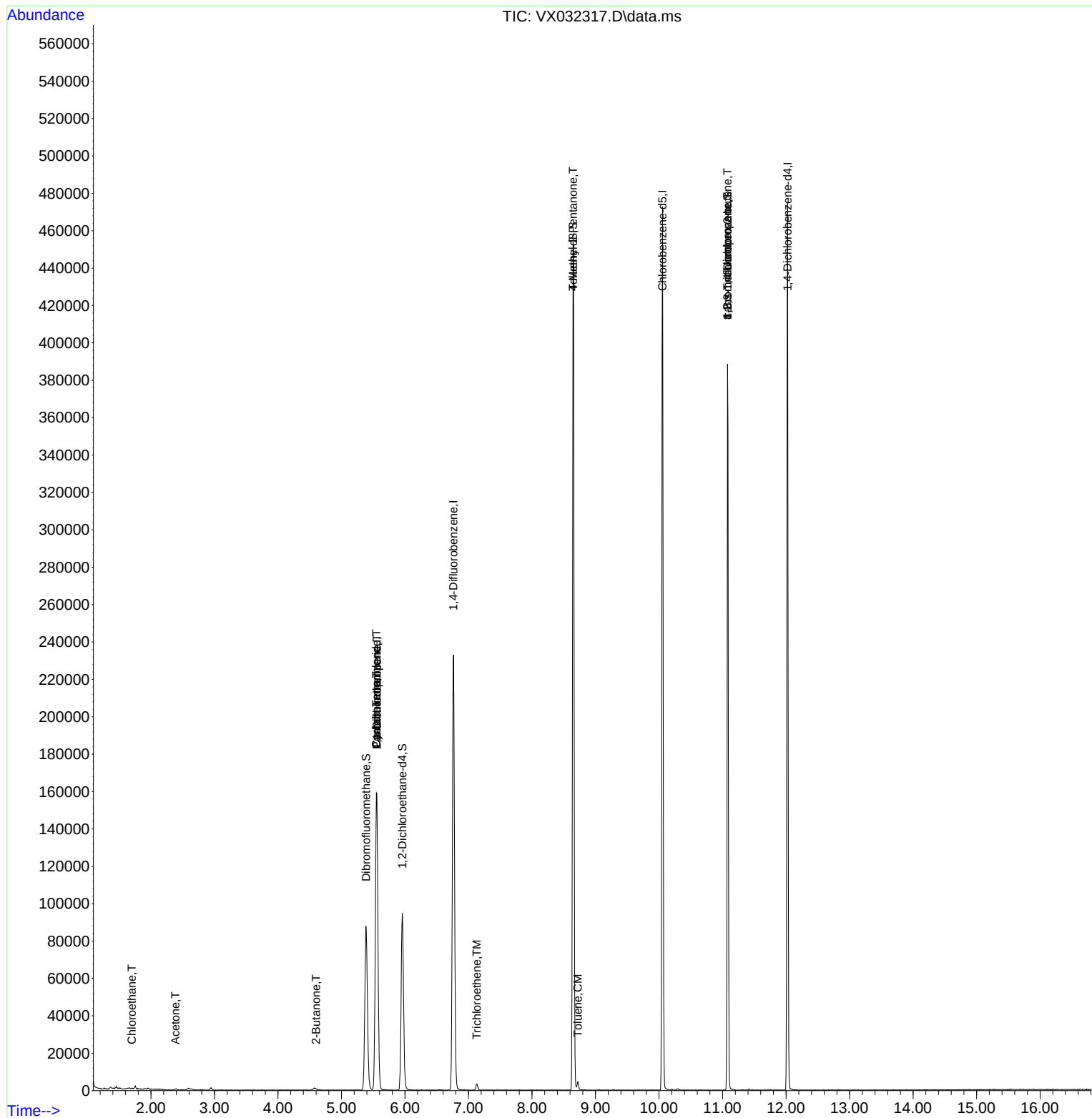
Internal Standards						
1) Pentafluorobenzene	5.556	168	148431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235065	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93063	48.196	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.400%		
35) Dibromofluoromethane	5.385	113	73606	44.999	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.000%		
50) Toluene-d8	8.647	98	273965	46.528	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.060%		
62) 4-Bromofluorobenzene	11.079	95	96455	44.735	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.460%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	38	1.978	ug/l #	41
11) Tert butyl alcohol	2.947	59	754	Below Cal	#	74
16) Acetone	2.386	43	966	1.542	ug/l	99
25) 2-Butanone	4.599	43	359	0.367	ug/l #	48
31) Cyclohexane	5.550	56	3496	1.584	ug/l #	41
36) 1,1-Dichloropropene	5.556	75	11864	5.638	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15724	7.079	ug/l #	17
44) Trichloroethene	7.129	130	1342	0.799	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	1204	0.594	ug/l #	1
52) Toluene	8.720	92	1723	0.436	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	53329	28.281	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	53329	86.705	ug/l #	6

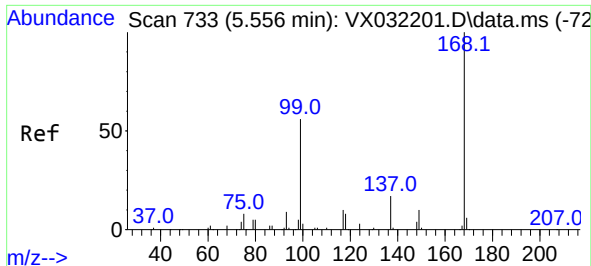
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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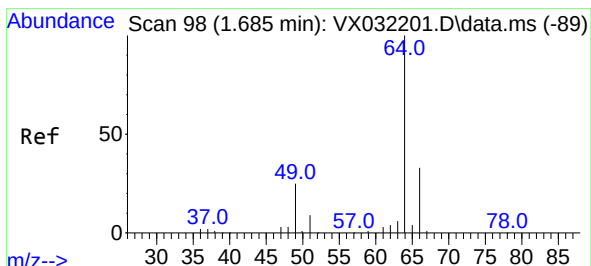
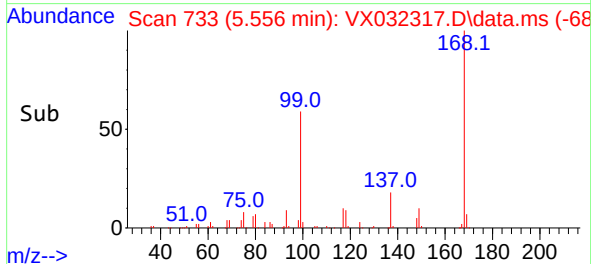
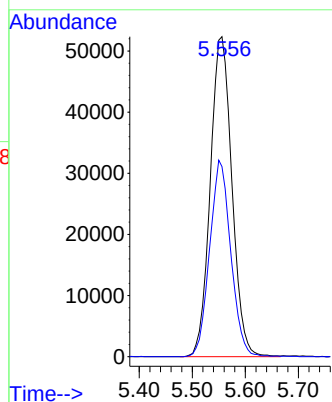
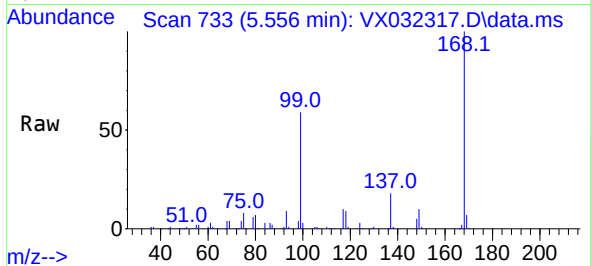




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032317.D
Acq: 22 Oct 2022 03:38

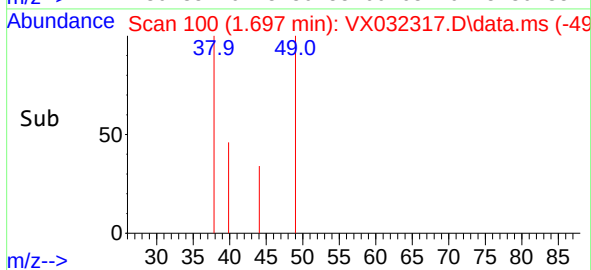
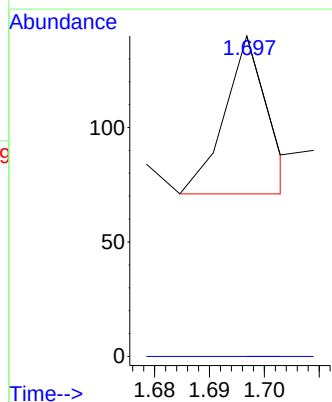
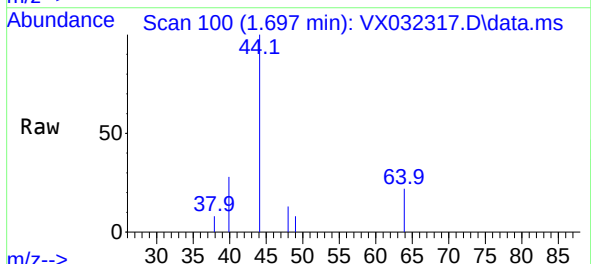
Instrument : MSVOA_X
ClientSampleId : FSND-MW-16-20221019

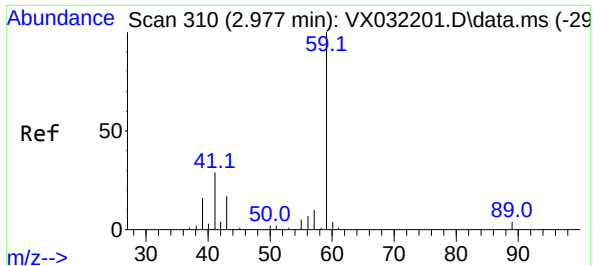
Tgt Ion:168 Resp: 148431
Ion Ratio Lower Upper
168 100
99 59.4 44.8 67.2



#6
Chloroethane
Concen: 1.978 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX032317.D
Acq: 22 Oct 2022 03:38

Tgt Ion: 64 Resp: 38
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.030 min

Lab File: VX032317.D

Acq: 22 Oct 2022 03:38

Instrument :

MSVOA_X

ClientSampleId :

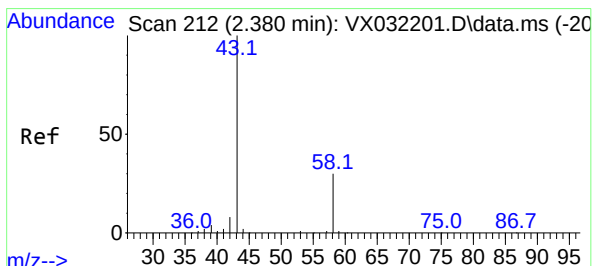
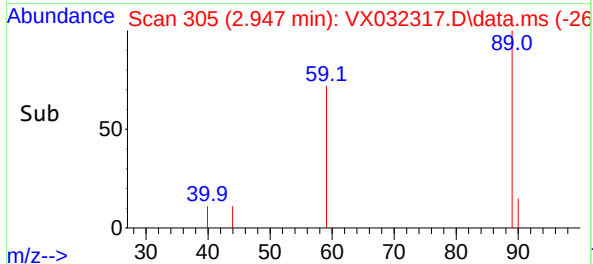
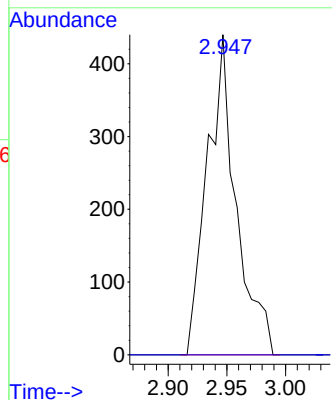
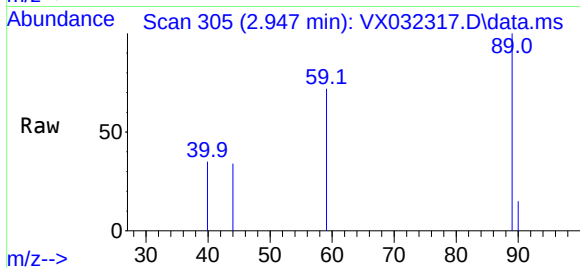
FSND-MW-16-20221019

Tgt Ion: 59 Resp: 754

Ion Ratio Lower Upper

59 100

57 0.0 7.5 11.3#



#16

Acetone

Concen: 1.542 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX032317.D

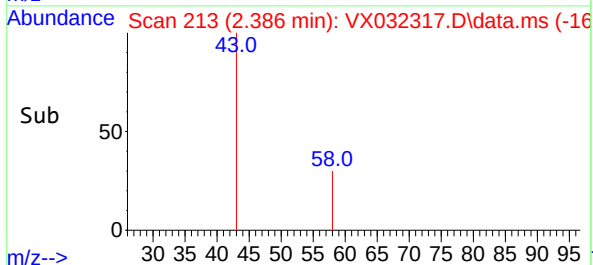
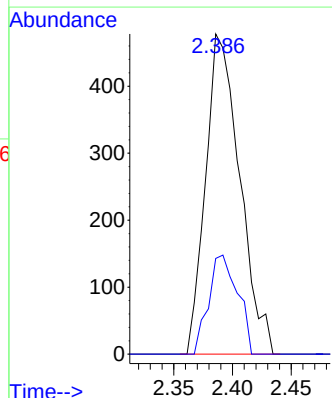
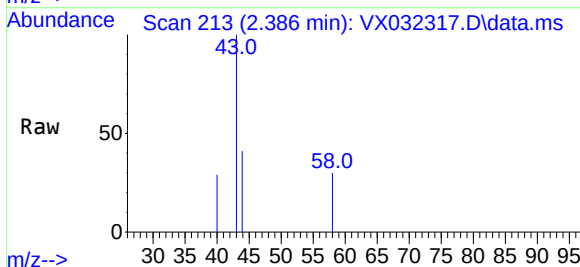
Acq: 22 Oct 2022 03:38

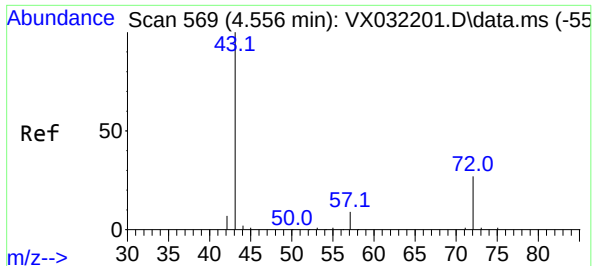
Tgt Ion: 43 Resp: 966

Ion Ratio Lower Upper

43 100

58 29.9 24.2 36.2





#25

2-Butanone

Concen: 0.367 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.043 min

Lab File: VX032317.D

Acq: 22 Oct 2022 03:38

Instrument :

MSVOA_X

ClientSampleId :

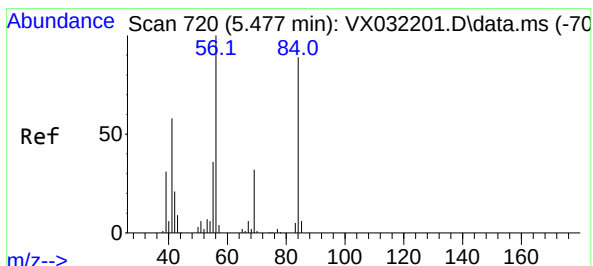
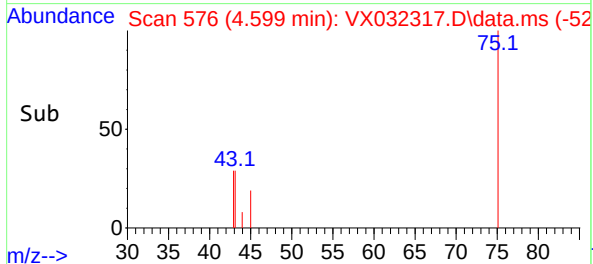
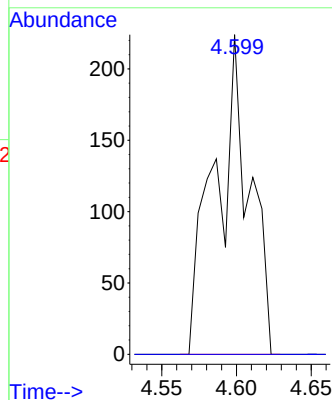
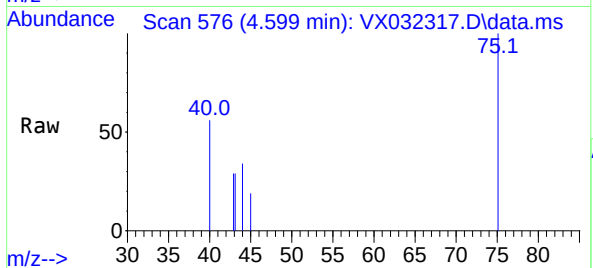
FSND-MW-16-20221019

Tgt Ion: 43 Resp: 359

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#31

Cyclohexane

Concen: 1.584 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX032317.D

Acq: 22 Oct 2022 03:38

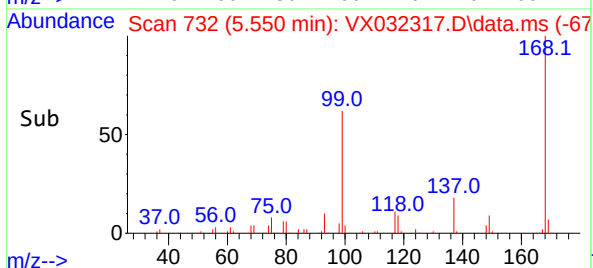
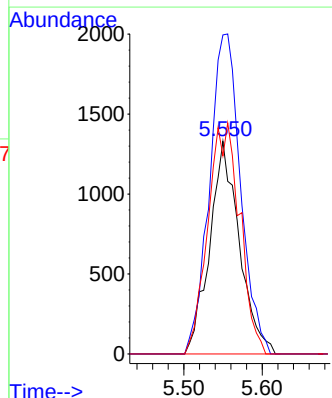
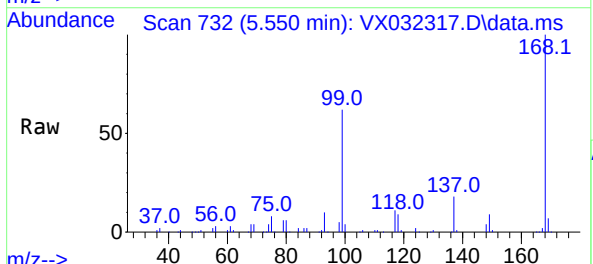
Tgt Ion: 56 Resp: 3496

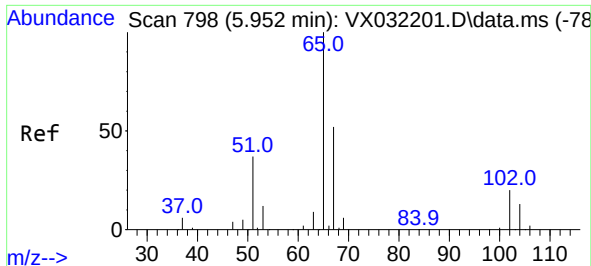
Ion Ratio Lower Upper

56 100

69 150.0 25.4 38.0#

84 93.2 71.2 106.8





#33

1,2-Dichloroethane-d4

Concen: 48.196 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032317.D

Acq: 22 Oct 2022 03:38

Instrument :

MSVOA_X

ClientSampleId :

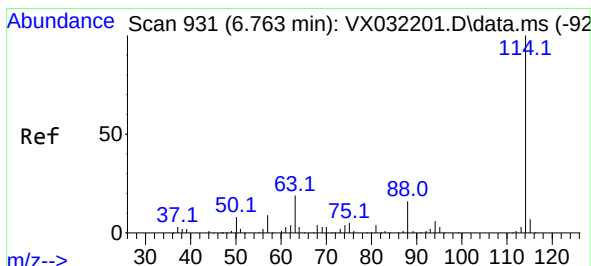
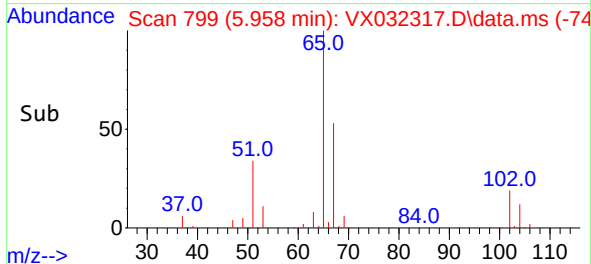
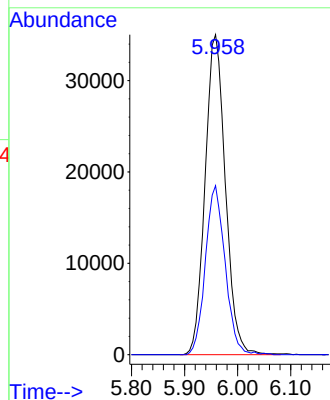
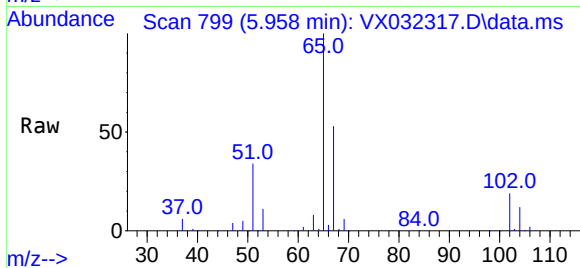
FSND-MW-16-20221019

Tgt Ion: 65 Resp: 93063

Ion Ratio Lower Upper

65 100

67 51.3 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: VX032317.D

Acq: 22 Oct 2022 03:38

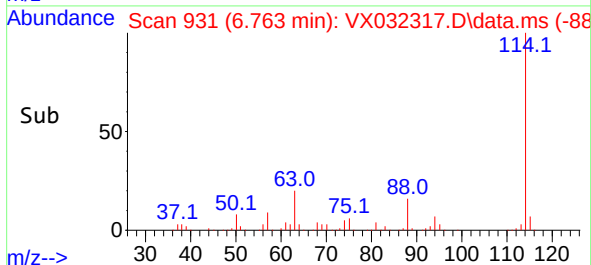
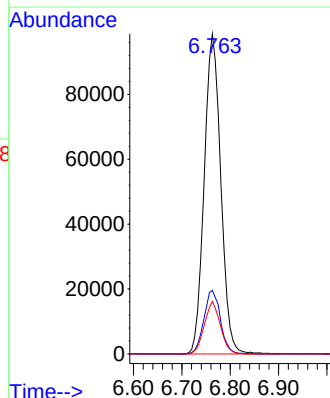
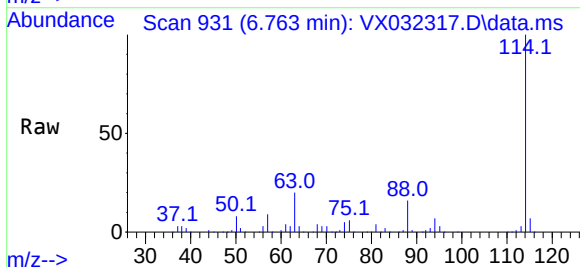
Tgt Ion: 114 Resp: 235065

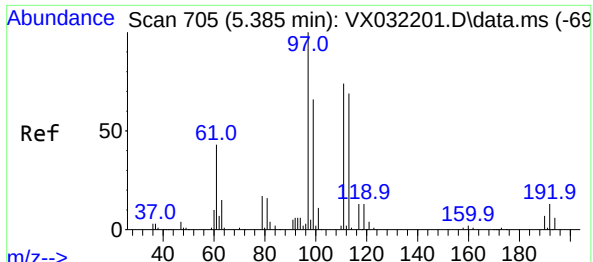
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.6

88 16.4 0.0 32.6

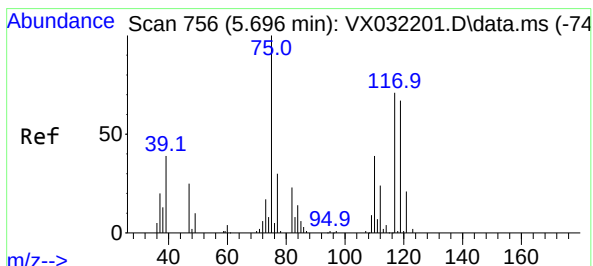
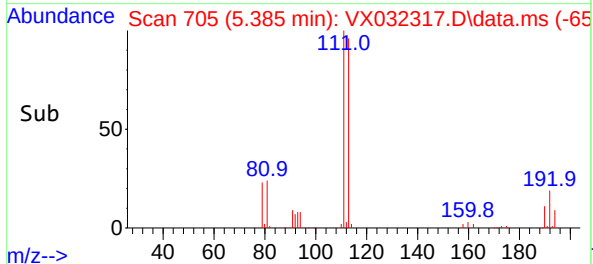
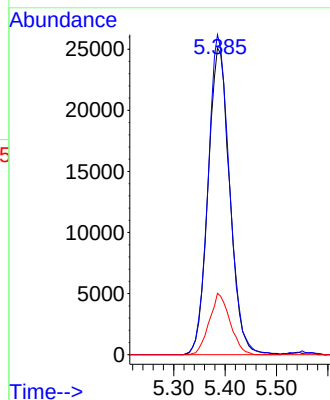
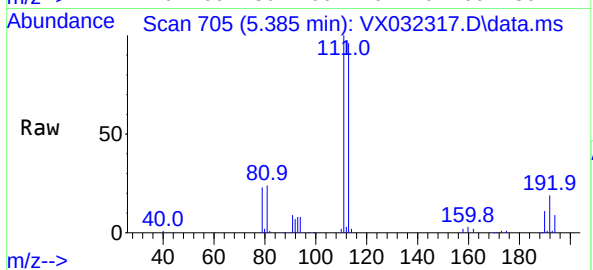




#35
Dibromofluoromethane
Concen: 44.999 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032317.D
Acq: 22 Oct 2022 03:38

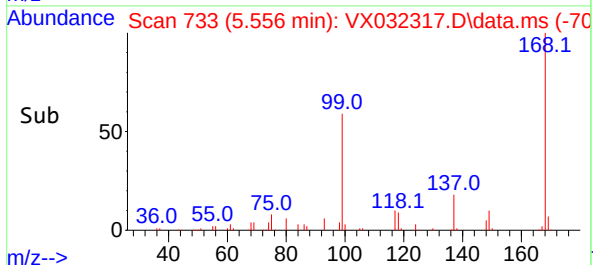
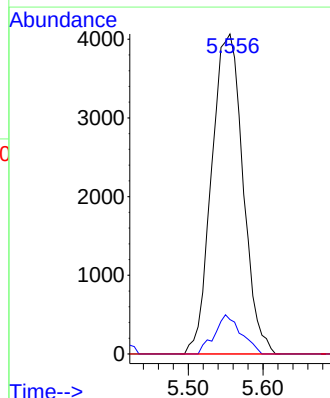
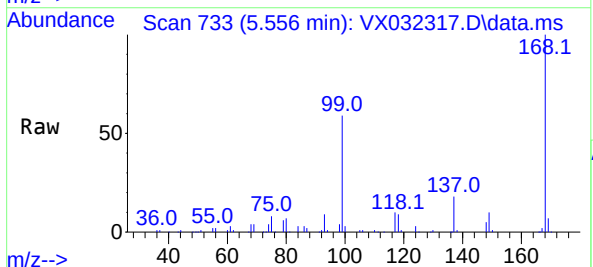
Instrument :
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FSND-MW-16-20221019

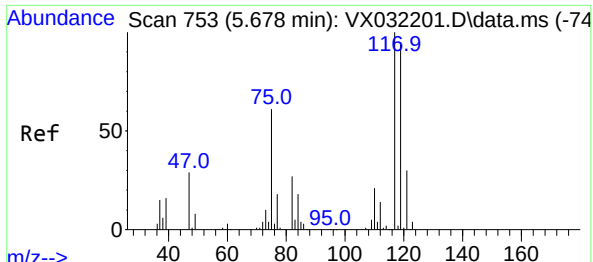
Tgt Ion:	113	Resp:	73606
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.8	124.2
192	19.1	15.5	23.3



#36
1,1-Dichloropropene
Concen: 5.638 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032317.D
Acq: 22 Oct 2022 03:38

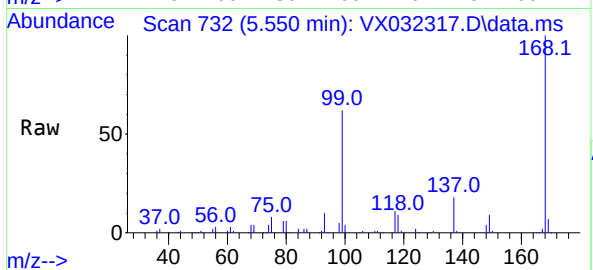
Tgt Ion:	75	Resp:	11864
Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.4	55.0#
77	0.0	24.7	37.1#



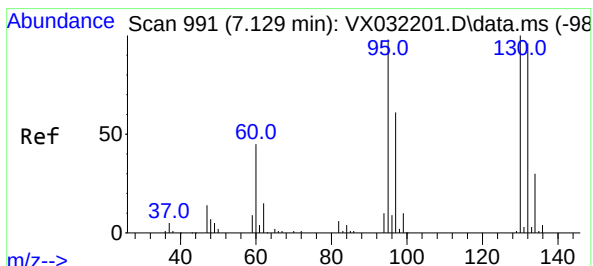
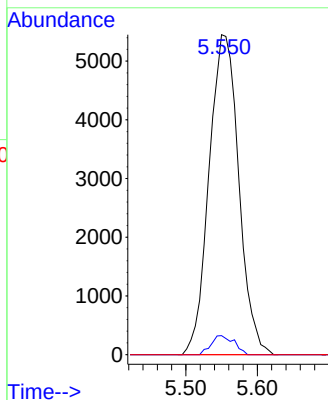
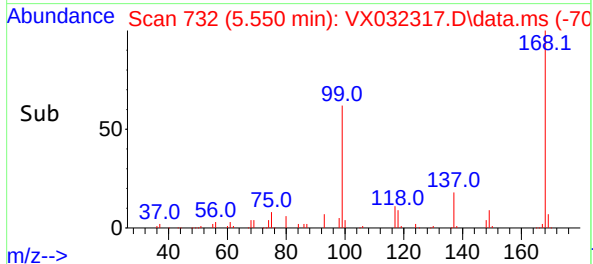


#38
Carbon Tetrachloride
Concen: 7.079 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032317.D
Acq: 22 Oct 2022 03:38

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-16-20221019

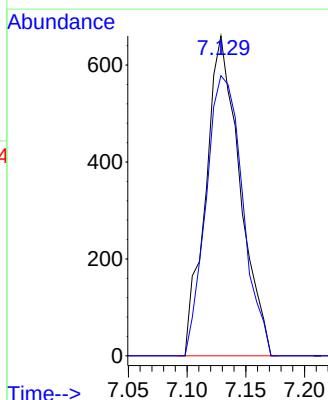
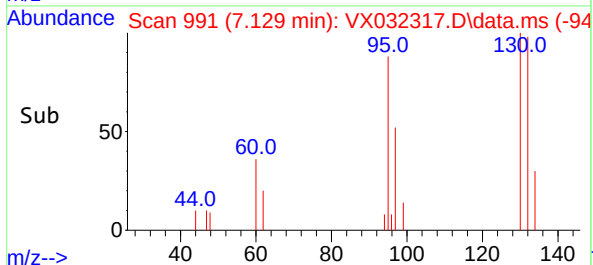
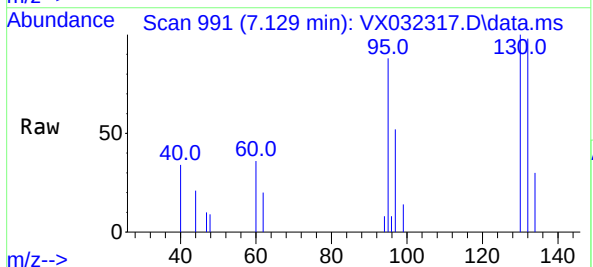


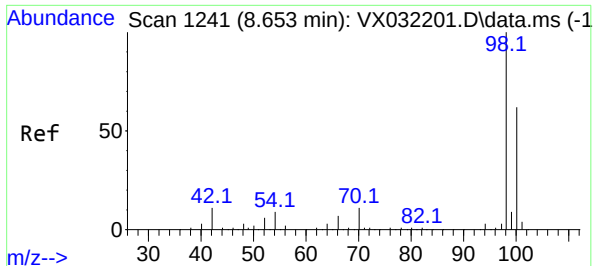
Tgt Ion:117 Resp: 15724
Ion Ratio Lower Upper
117 100
119 5.9 75.4 113.0#
121 0.0 23.9 35.9#



#44
Trichloroethene
Concen: 0.799 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032317.D
Acq: 22 Oct 2022 03:38

Tgt Ion:130 Resp: 1342
Ion Ratio Lower Upper
130 100
95 87.6 0.0 196.8

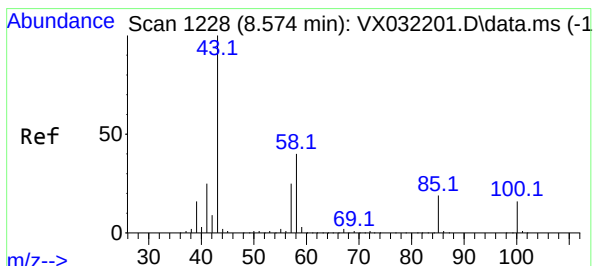
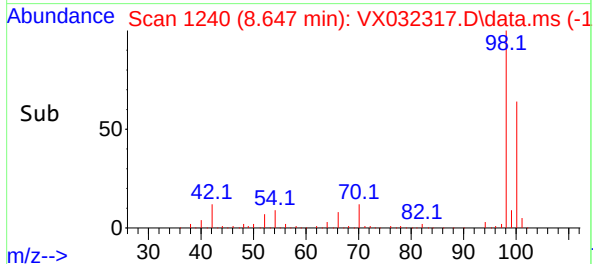
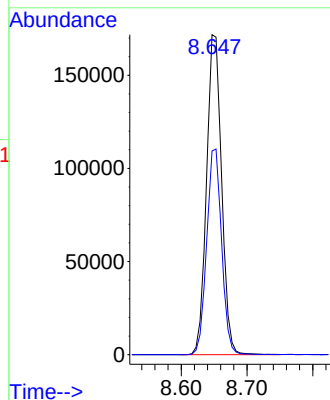
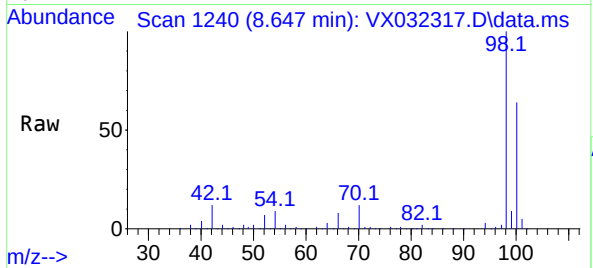




#50
Toluene-d8
Concen: 46.528 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032317.D
Acq: 22 Oct 2022 03:38

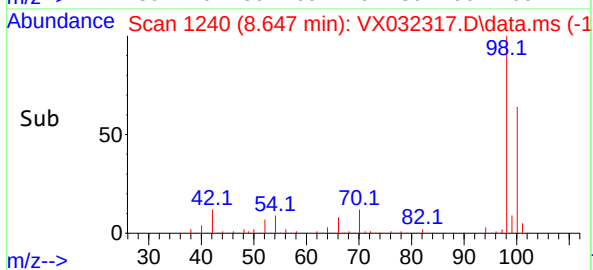
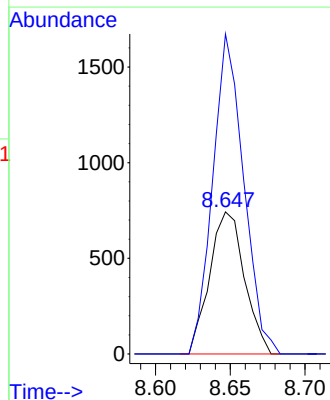
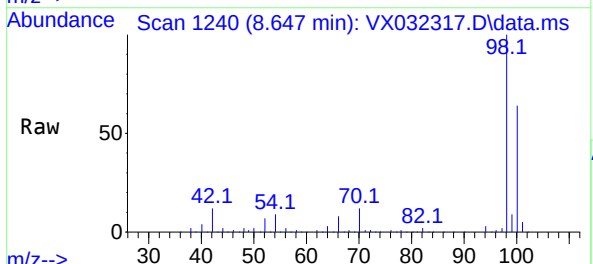
Instrument :
MSVOA_X
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FSND-MW-16-20221019

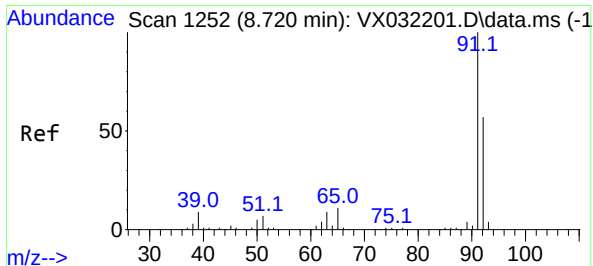
Tgt Ion: 98 Resp: 273965
Ion Ratio Lower Upper
98 100
100 63.8 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.594 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032317.D
Acq: 22 Oct 2022 03:38

Tgt Ion: 43 Resp: 1204
Ion Ratio Lower Upper
43 100
58 199.8 31.0 46.4#





#52

Toluene

Concen: 0.436 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032317.D

Acq: 22 Oct 2022 03:38

Instrument :

MSVOA_X

ClientSampleId :

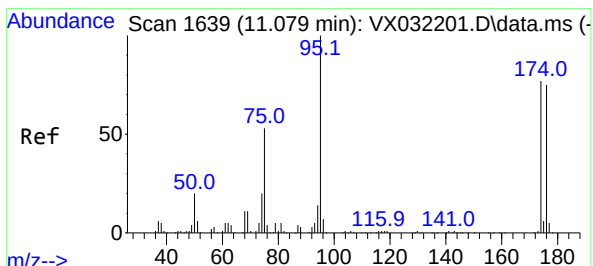
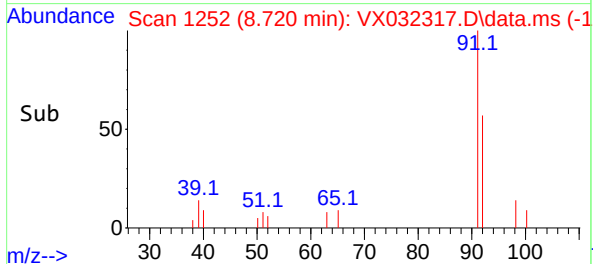
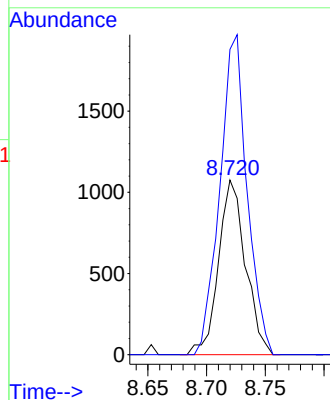
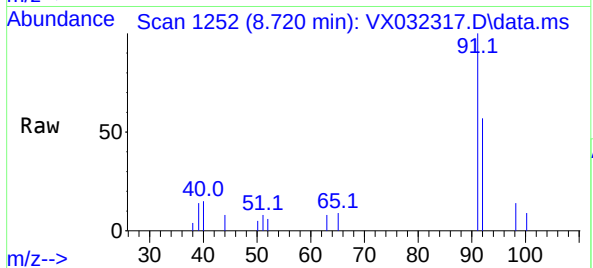
FSND-MW-16-20221019

Tgt Ion: 92 Resp: 1723

Ion Ratio Lower Upper

92 100

91 184.3 140.3 210.5



#62

4-Bromofluorobenzene

Concen: 44.735 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032317.D

Acq: 22 Oct 2022 03:38

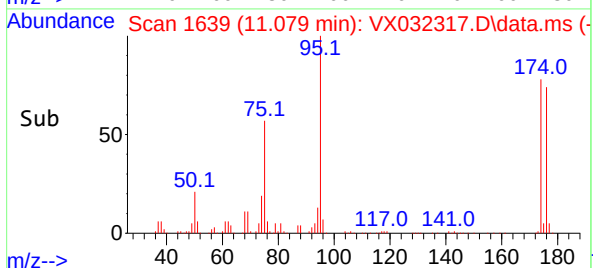
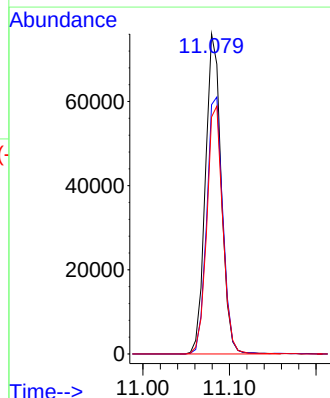
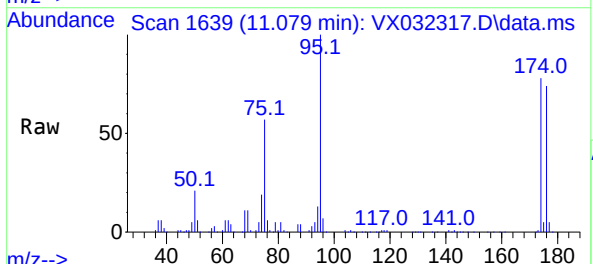
Tgt Ion: 95 Resp: 96455

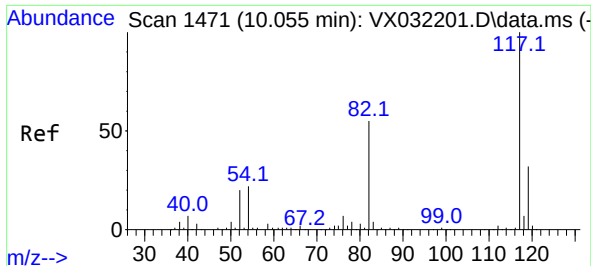
Ion Ratio Lower Upper

95 100

174 81.7 0.0 166.8

176 78.0 0.0 161.4

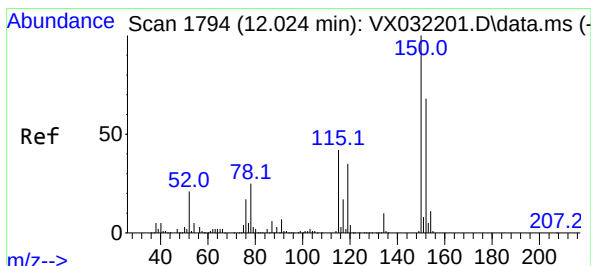
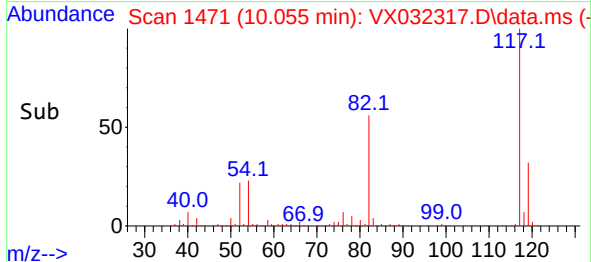
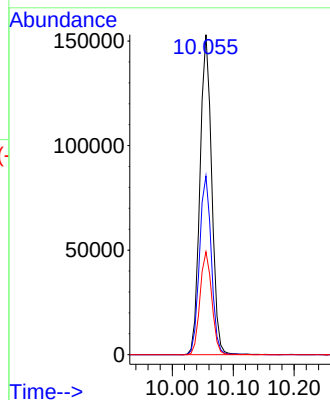
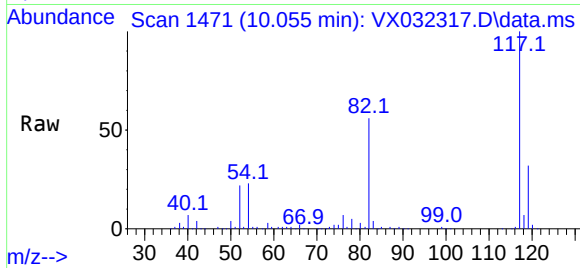




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032317.D
Acq: 22 Oct 2022 03:38

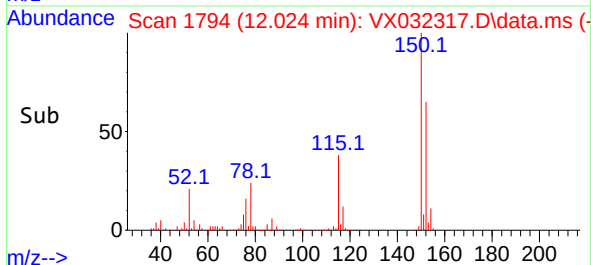
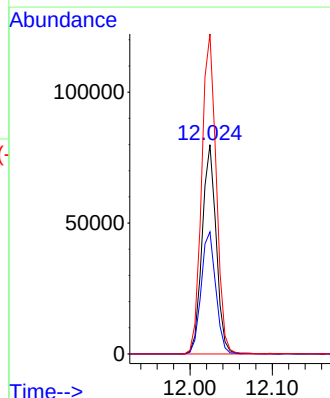
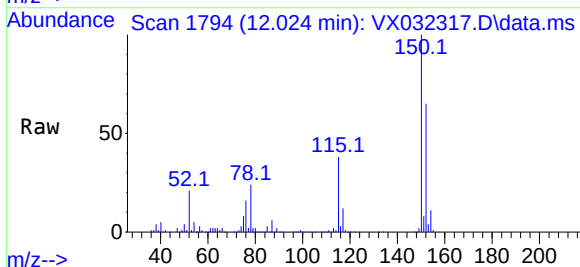
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-16-20221019

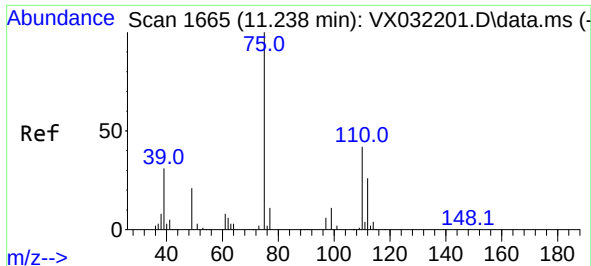
Tgt Ion:117 Resp: 204211
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.4
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032317.D
Acq: 22 Oct 2022 03:38

Tgt Ion:152 Resp: 95167
Ion Ratio Lower Upper
152 100
115 60.4 43.1 129.4
150 158.2 0.0 348.6

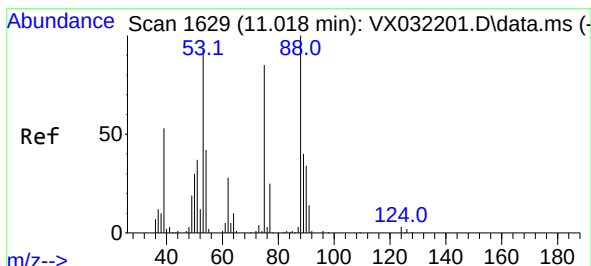
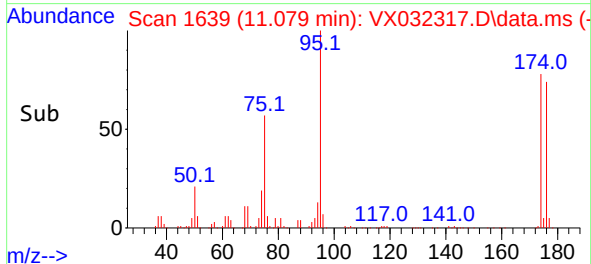
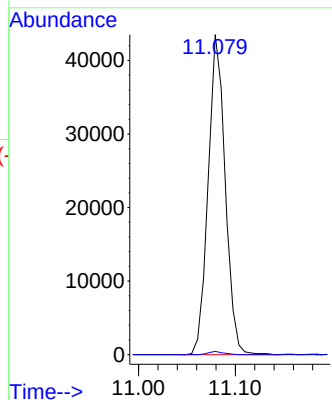
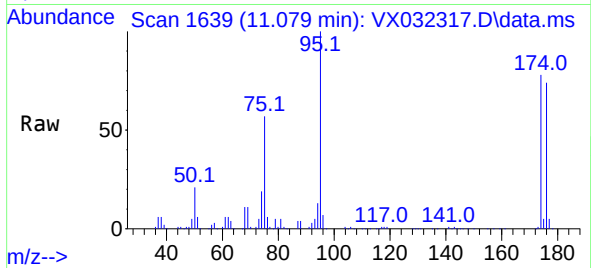




#76
1,2,3-Trichloropropane
Concen: 28.281 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032317.D
Acq: 22 Oct 2022 03:38

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-16-20221019

Tgt Ion: 75 Resp: 53329
Ion Ratio Lower Upper
75 100
77 0.9 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.705 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032317.D
Acq: 22 Oct 2022 03:38

Tgt Ion: 75 Resp: 53329
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

