

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032299.D
 Acq On : 21 Oct 2022 19:16
 Operator : JC/MD
 Sample : N5248-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW11R-20221018

Quant Time: Oct 22 05:14:18 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)

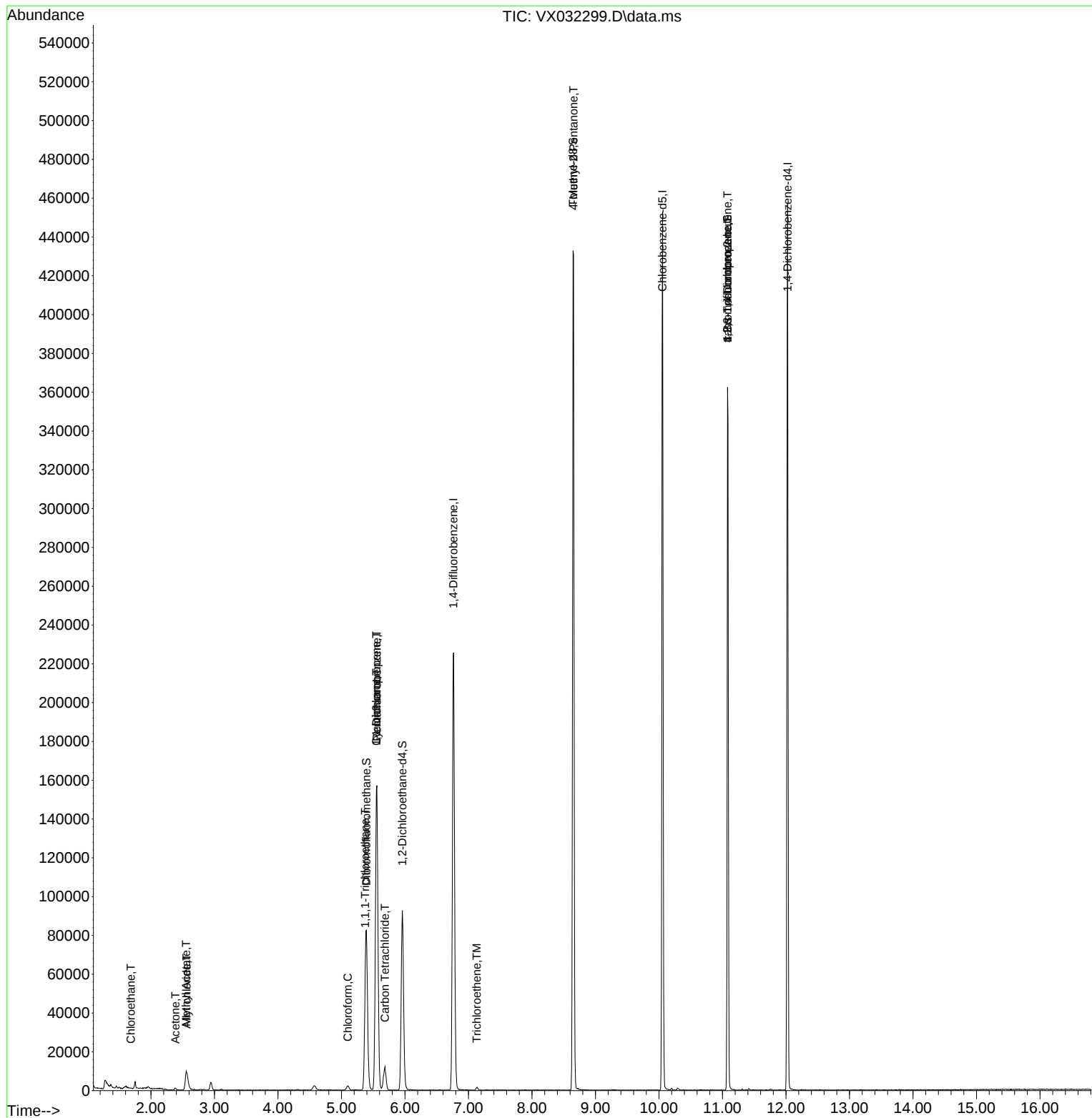
Internal Standards						
1) Pentafluorobenzene	5.556	168	145879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90724	47.806	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.620%
35) Dibromofluoromethane	5.391	113	70825	45.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.040%
50) Toluene-d8	8.647	98	261213	46.641	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.280%
62) 4-Bromofluorobenzene	11.079	95	92262	44.988	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.980%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	160	Below Cal	#	44
6) Chloroethane	1.685	64	38	1.978	ug/l #	41
11) Tert butyl alcohol	2.947	59	2441	Below Cal	#	74
14) Allyl chloride	2.563	41	1493	0.730	ug/l #	51
16) Acetone	2.386	43	1238	2.010	ug/l #	86
18) Methyl Acetate	2.557	43	5009	2.396	ug/l #	50
30) Chloroform	5.099	83	2688	0.954	ug/l	97
31) Cyclohexane	5.550	56	3150	1.452	ug/l #	1
32) 1,1,1-Trichloroethane	5.373	97	762	0.317	ug/l #	48
36) 1,1-Dichloropropene	5.550	75	11597	5.795	ug/l #	50
38) Carbon Tetrachloride	5.684	117	10336	4.892	ug/l	94
44) Trichloroethene	7.129	130	654	0.409	ug/l	96
51) 4-Methyl-2-Pentanone	8.653	43	1153	0.598	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49858	28.076	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	49858	86.095	ug/l #	6

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

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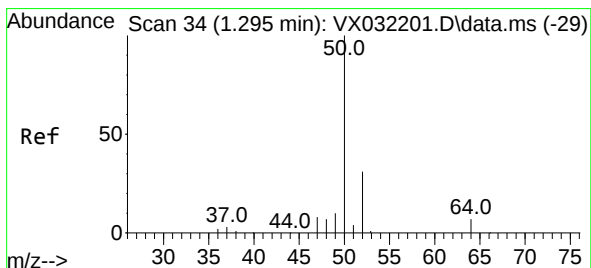
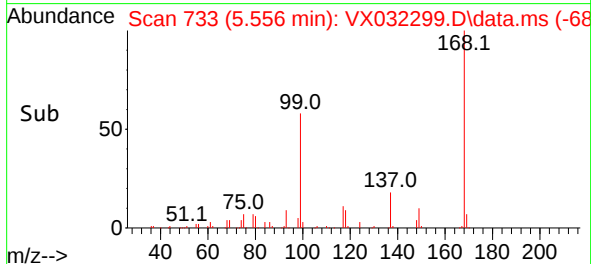
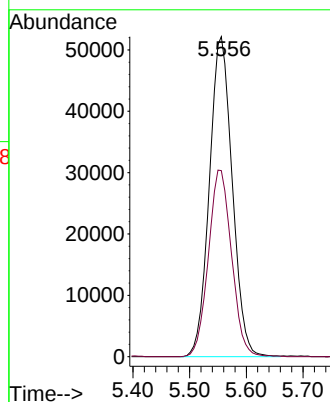
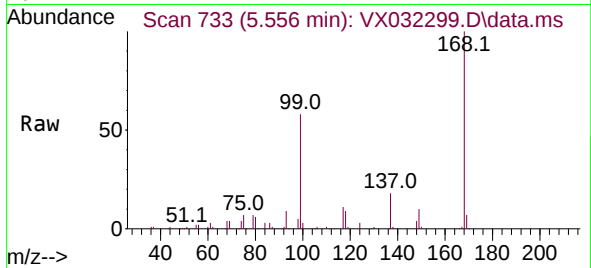




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032299.D
Acq: 21 Oct 2022 19:16

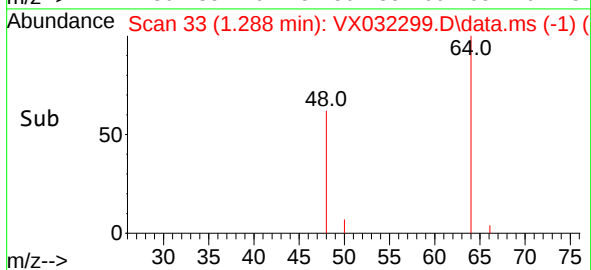
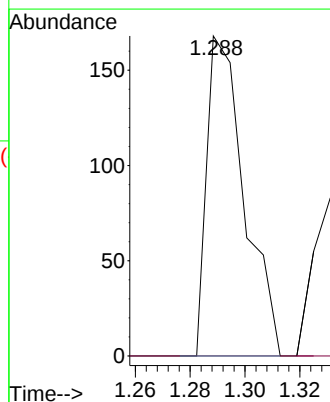
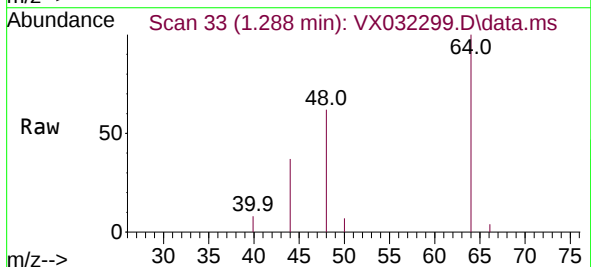
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW11R-20221018

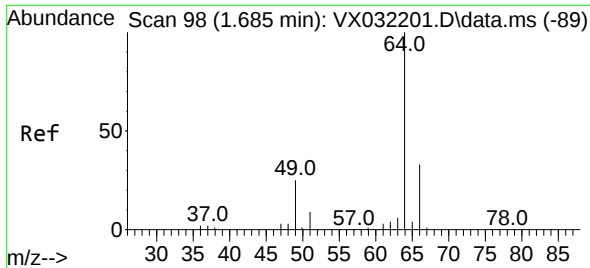
Tgt Ion:168 Resp: 145879
Ion Ratio Lower Upper
168 100
99 58.2 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.007 min
Lab File: VX032299.D
Acq: 21 Oct 2022 19:16

Tgt Ion: 50 Resp: 160
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

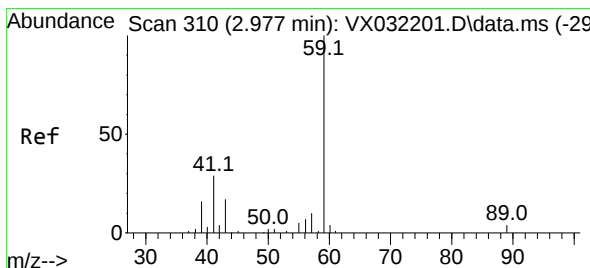
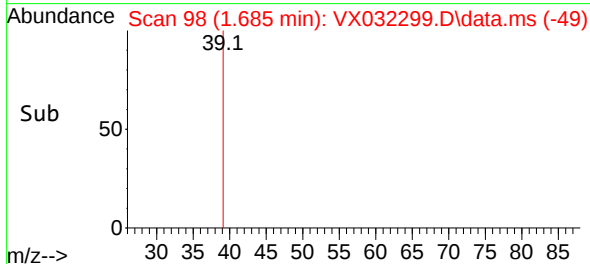
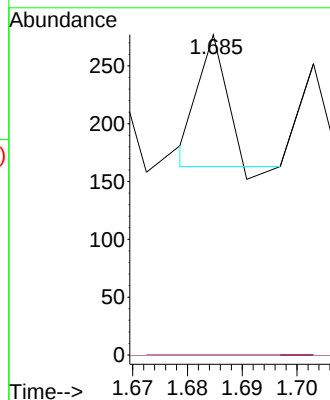
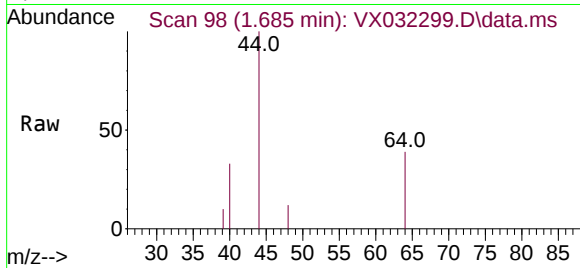




#6
 Chloroethane
 Concen: 1.978 ug/l
 RT: 1.685 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX032299.D
 Acq: 21 Oct 2022 19:16

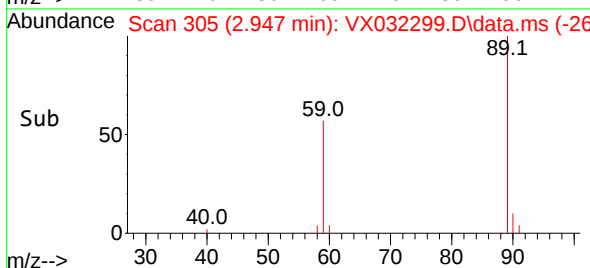
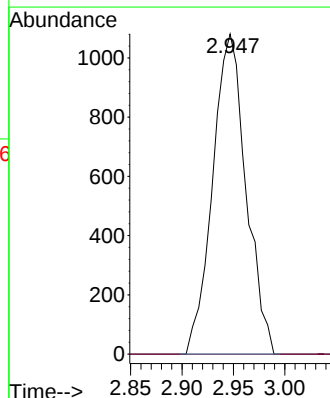
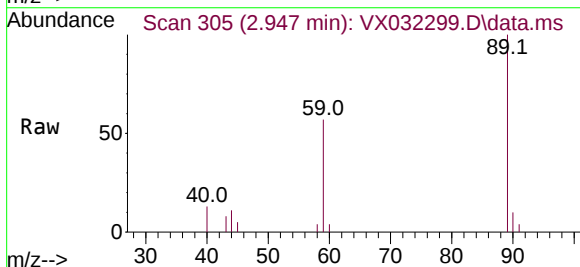
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW11R-20221018

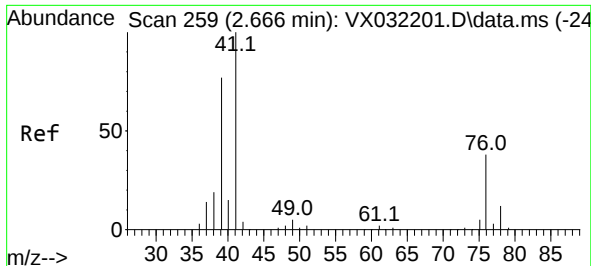
Tgt Ion: 64 Resp: 38
 Ion Ratio Lower Upper
 64 100
 66 0.0 26.6 39.8#



#11
 Tert butyl alcohol
 Concen: Below Cal
 RT: 2.947 min Scan# 305
 Delta R.T. -0.030 min
 Lab File: VX032299.D
 Acq: 21 Oct 2022 19:16

Tgt Ion: 59 Resp: 2441
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.5 11.3#

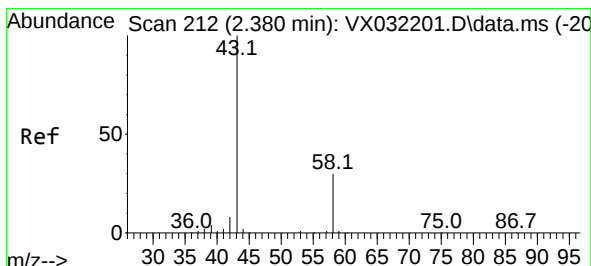
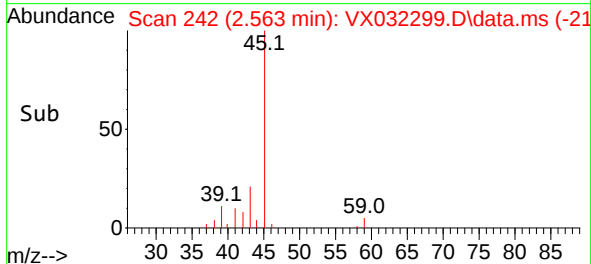
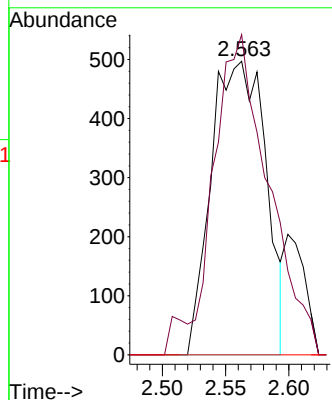
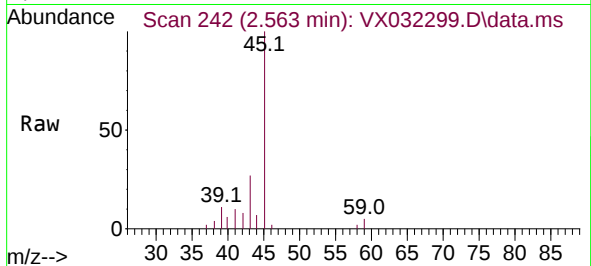




#14
 Allyl chloride
 Concen: 0.730 ug/l
 RT: 2.563 min Scan# 241
 Delta R.T. -0.103 min
 Lab File: VX032299.D
 Acq: 21 Oct 2022 19:16

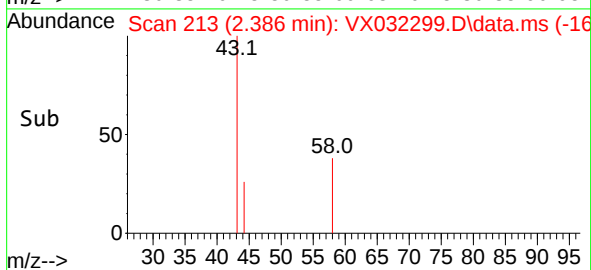
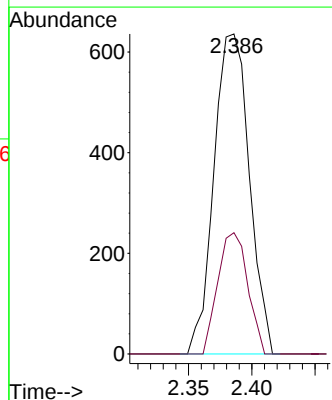
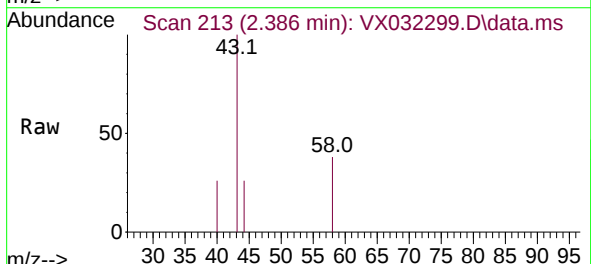
Instrument :
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 ClientSampleId :
 FSND-MW11R-20221018

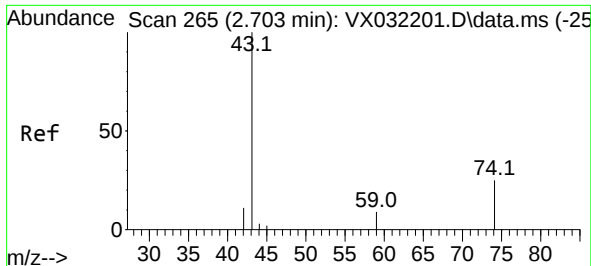
Tgt Ion: 41 Resp: 1493
 Ion Ratio Lower Upper
 41 100
 39 111.5 59.5 89.3#
 76 0.0 28.6 42.8#



#16
 Acetone
 Concen: 2.010 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VX032299.D
 Acq: 21 Oct 2022 19:16

Tgt Ion: 43 Resp: 1238
 Ion Ratio Lower Upper
 43 100
 58 37.9 24.2 36.2#

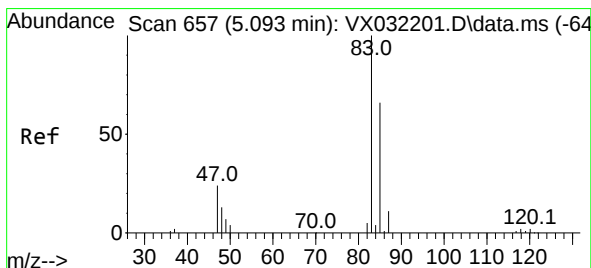
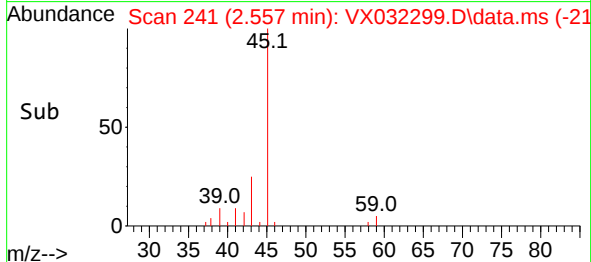
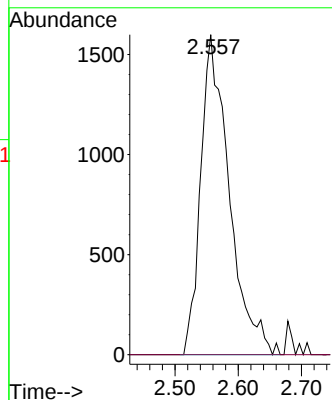
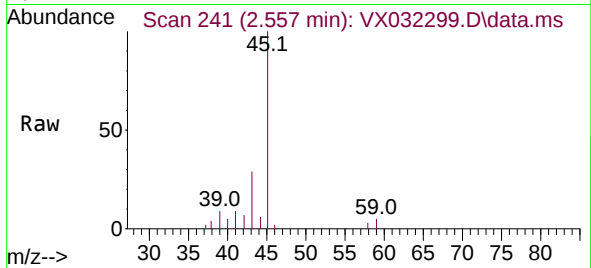




#18
Methyl Acetate
Concen: 2.396 ug/l
RT: 2.557 min Scan# 241
Delta R.T. -0.146 min
Lab File: VX032299.D
Acq: 21 Oct 2022 19:16

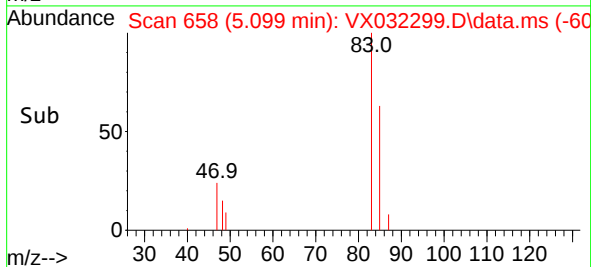
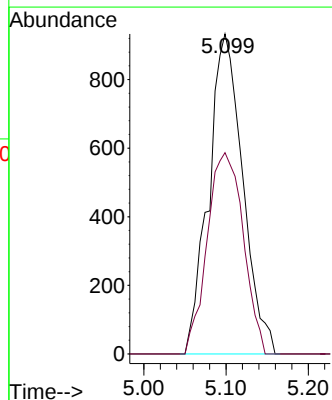
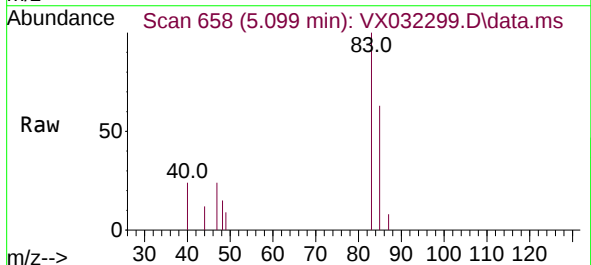
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW11R-20221018

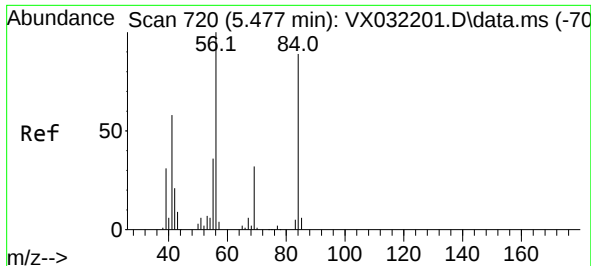
Tgt Ion: 43 Resp: 5009
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#



#30
Chloroform
Concen: 0.954 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX032299.D
Acq: 21 Oct 2022 19:16

Tgt Ion: 83 Resp: 2688
Ion Ratio Lower Upper
83 100
85 62.9 52.5 78.7

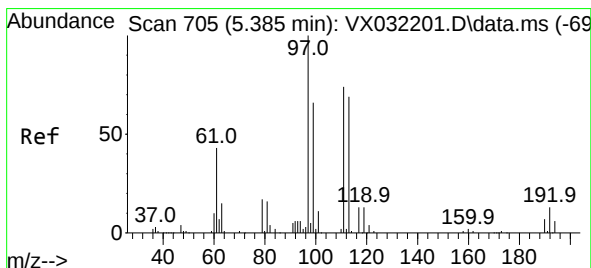
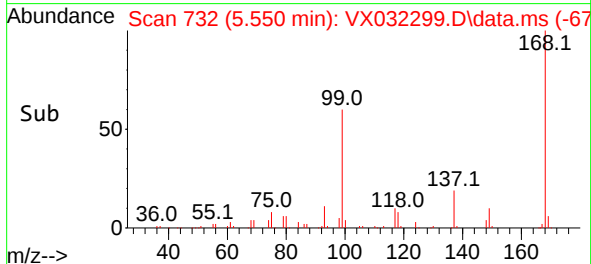
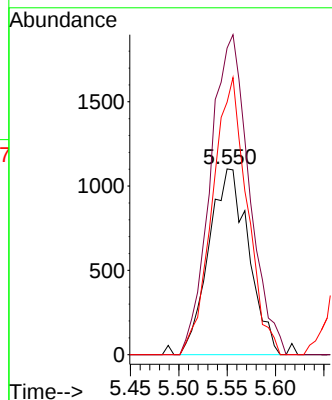
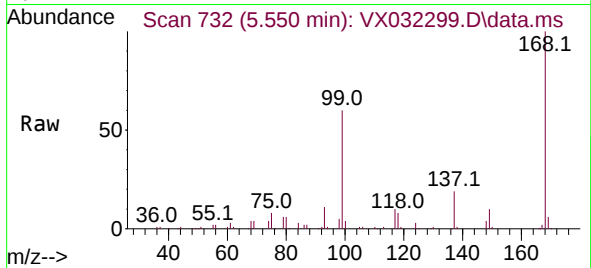




#31
Cyclohexane
Concen: 1.452 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX032299.D
Acq: 21 Oct 2022 19:16

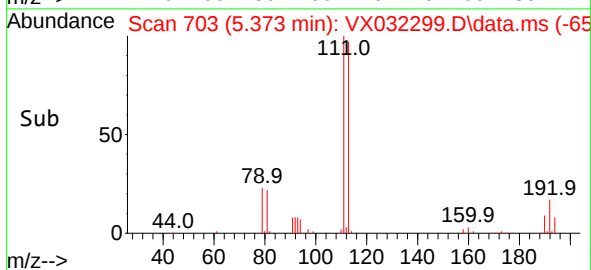
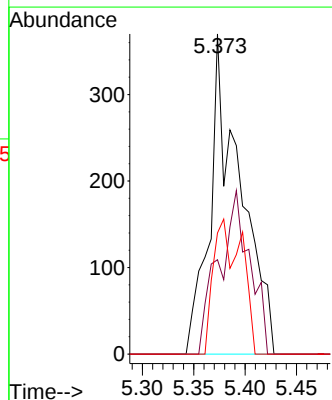
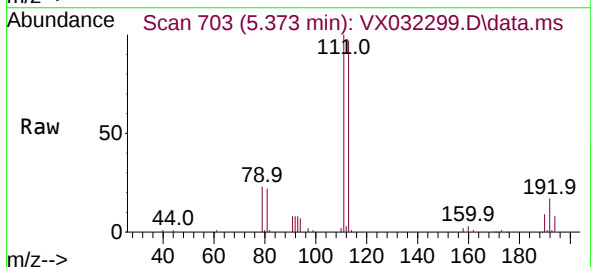
Instrument :
MSVOA_X
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FSND-MW11R-20221018

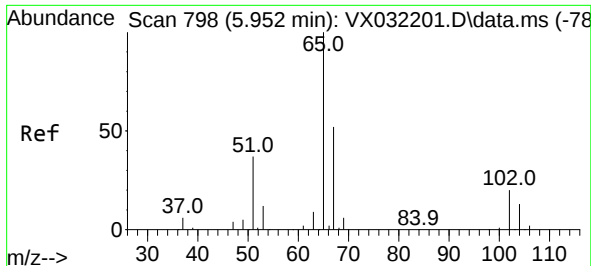
Tgt Ion: 56 Resp: 3150
Ion Ratio Lower Upper
56 100
69 165.0 25.4 38.0#
84 135.9 71.2 106.8#



#32
1,1,1-Trichloroethane
Concen: 0.317 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX032299.D
Acq: 21 Oct 2022 19:16

Tgt Ion: 97 Resp: 762
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.8#
61 38.8 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 47.806 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032299.D

Acq: 21 Oct 2022 19:16

Instrument :

MSVOA_X

ClientSampleId :

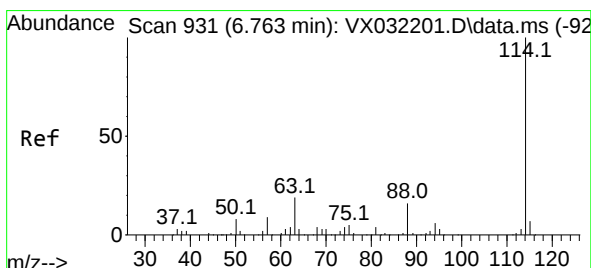
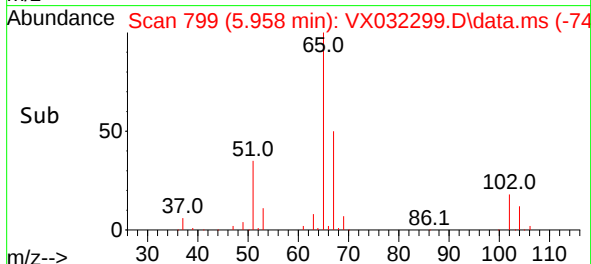
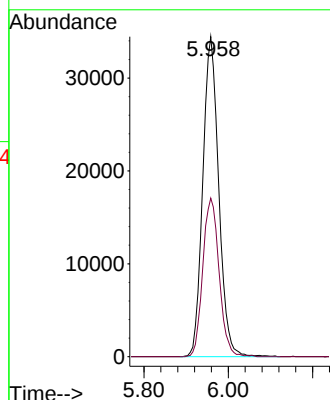
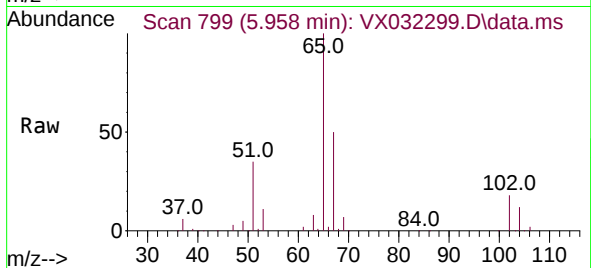
FSND-MW11R-20221018

Tgt Ion: 65 Resp: 90724

Ion Ratio Lower Upper

65 100

67 50.6 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: VX032299.D

Acq: 21 Oct 2022 19:16

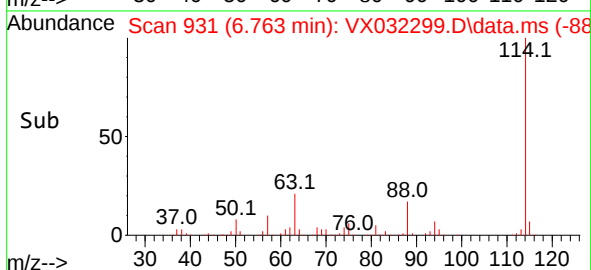
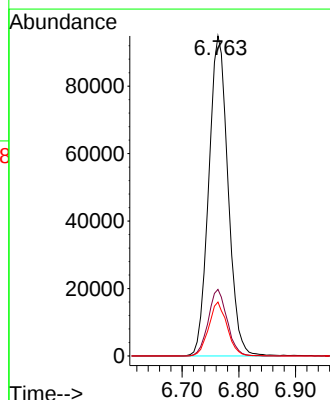
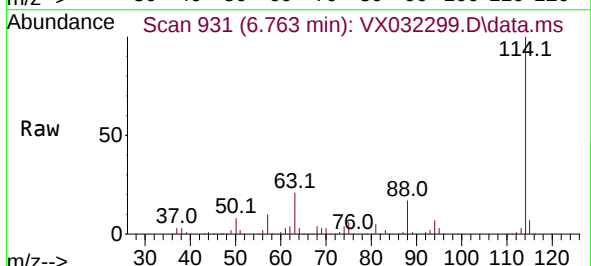
Tgt Ion: 114 Resp: 223583

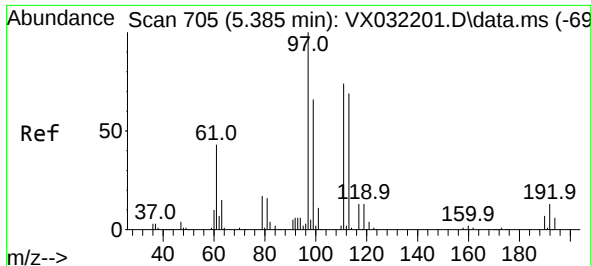
Ion Ratio Lower Upper

114 100

63 20.8 0.0 38.6

88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.522 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032299.D

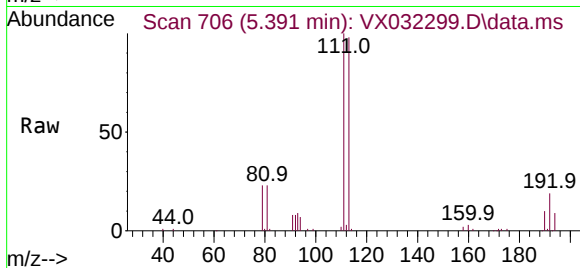
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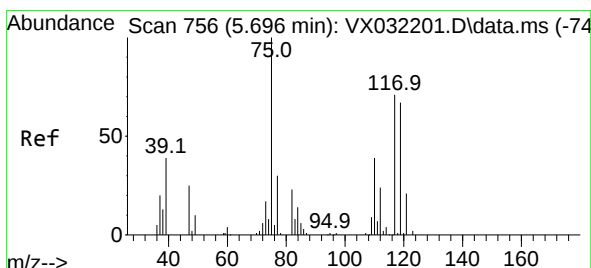
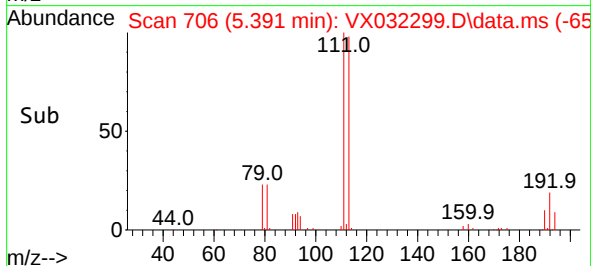
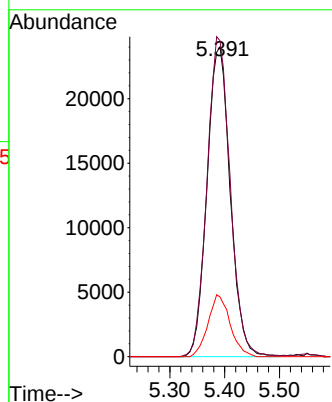
Tgt Ion:113 Resp: 70825

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 19.0 15.5 23.3



#36

1,1-Dichloropropene

Concen: 5.795 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX032299.D

Acq: 21 Oct 2022 19:16

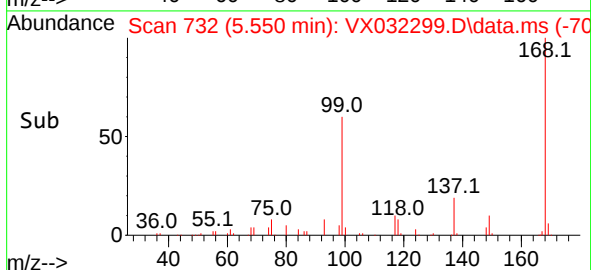
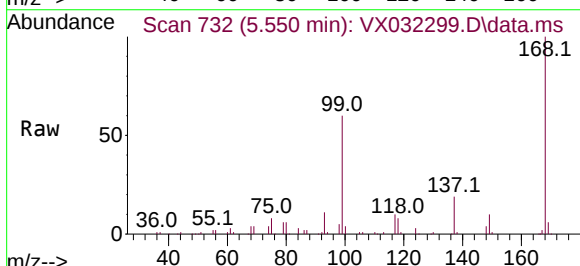
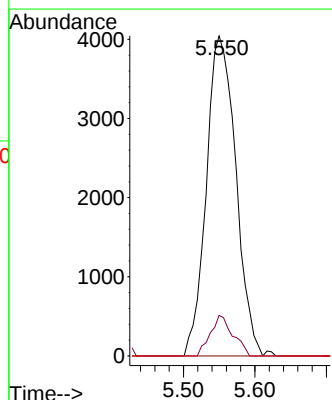
Tgt Ion: 75 Resp: 11597

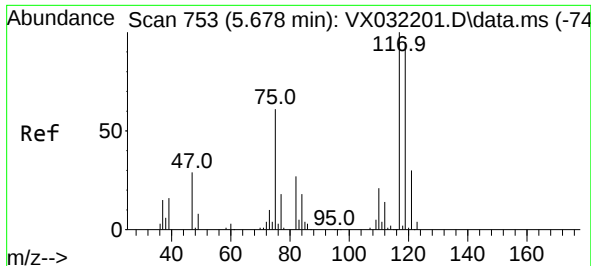
Ion Ratio Lower Upper

75 100

110 9.7 18.4 55.0#

77 0.0 24.7 37.1#

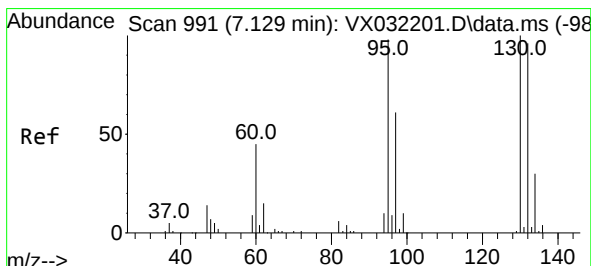
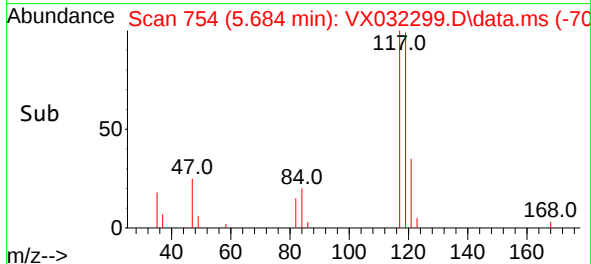
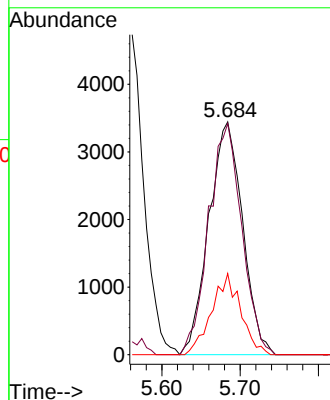
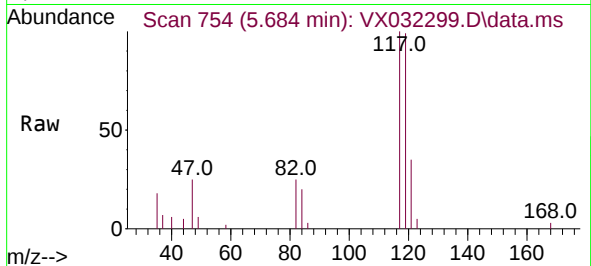




#38
Carbon Tetrachloride
Concen: 4.892 ug/l
RT: 5.684 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX032299.D
Acq: 21 Oct 2022 19:16

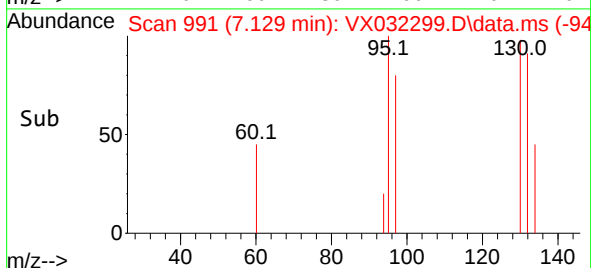
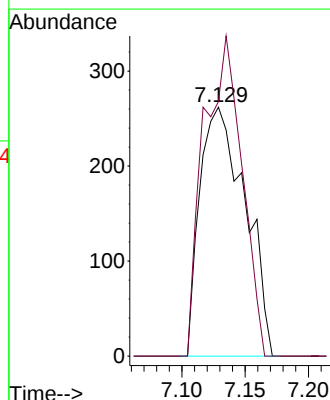
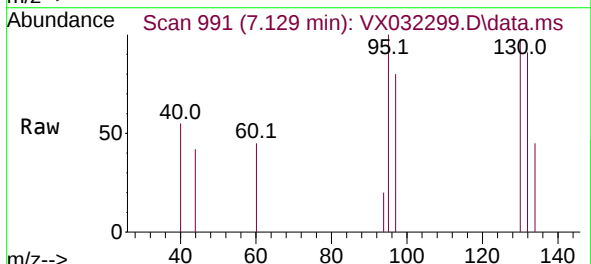
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW11R-20221018

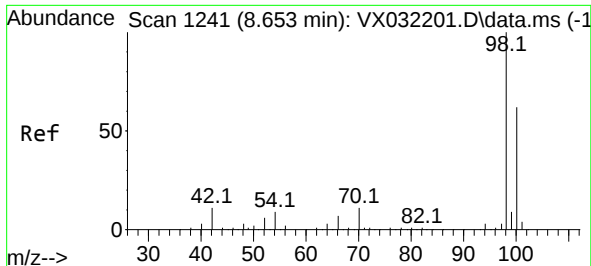
Tgt Ion:117 Resp: 10336
Ion Ratio Lower Upper
117 100
119 99.3 75.4 113.0
121 34.8 23.9 35.9



#44
Trichloroethene
Concen: 0.409 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032299.D
Acq: 21 Oct 2022 19:16

Tgt Ion:130 Resp: 654
Ion Ratio Lower Upper
130 100
95 102.3 0.0 196.8

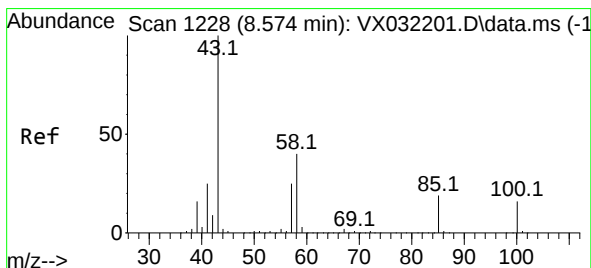
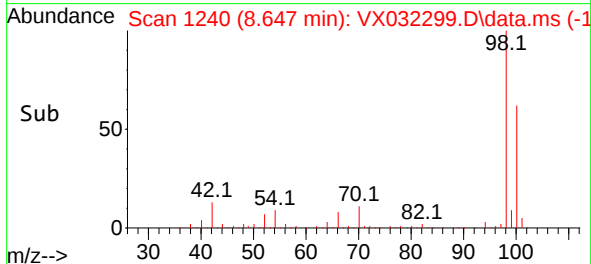
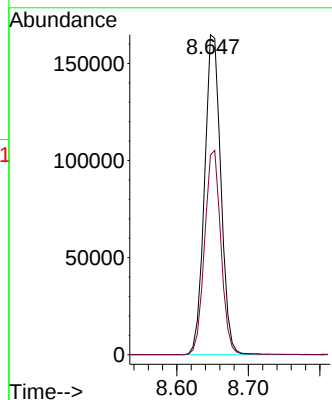
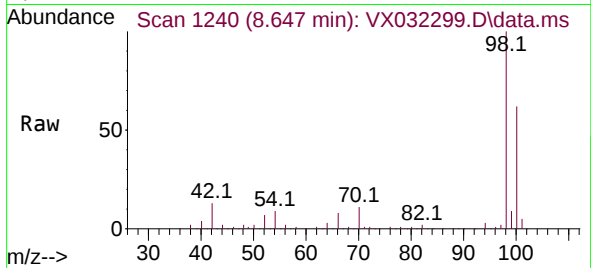




#50
Toluene-d8
Concen: 46.641 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032299.D
Acq: 21 Oct 2022 19:16

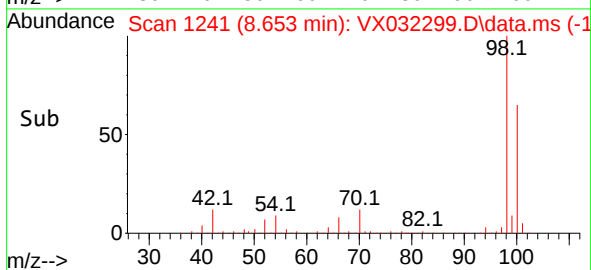
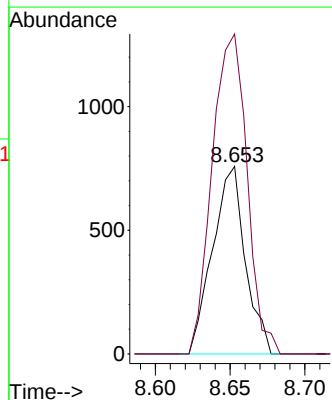
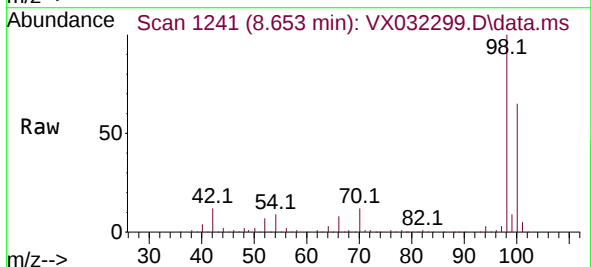
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW11R-20221018

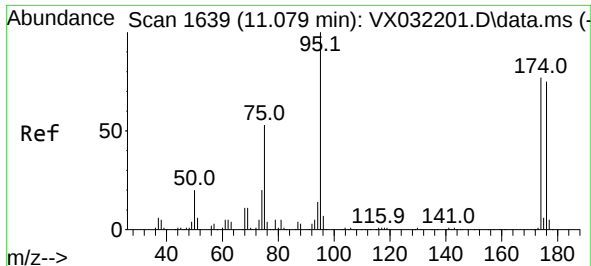
Tgt Ion: 98 Resp: 261213
Ion Ratio Lower Upper
98 100
100 63.9 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.598 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX032299.D
Acq: 21 Oct 2022 19:16

Tgt Ion: 43 Resp: 1153
Ion Ratio Lower Upper
43 100
58 181.8 31.0 46.4#

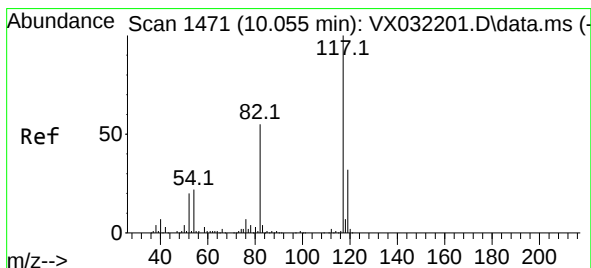
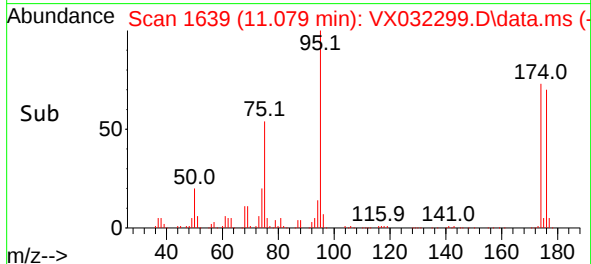
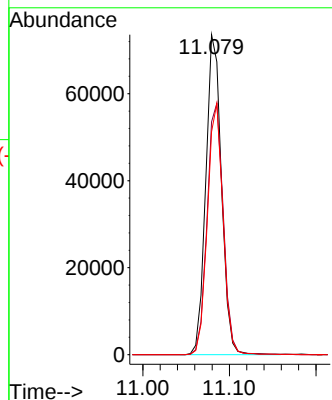
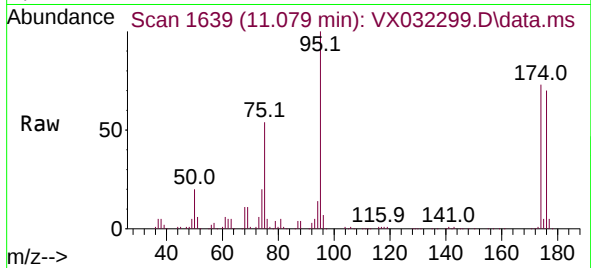




#62
4-Bromofluorobenzene
Concen: 44.988 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032299.D
Acq: 21 Oct 2022 19:16

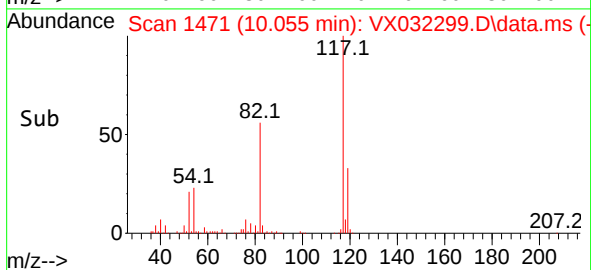
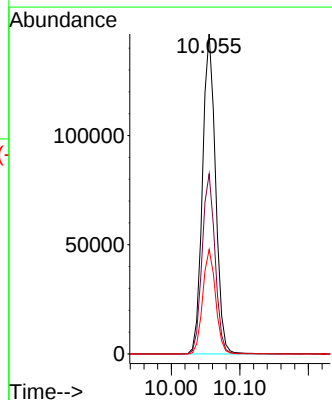
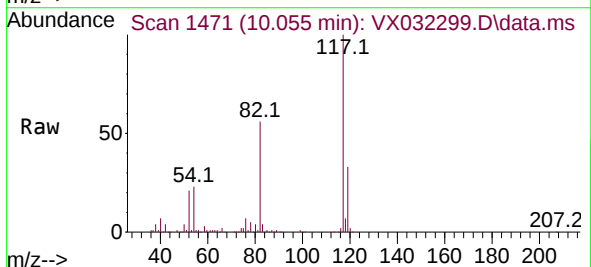
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW11R-20221018

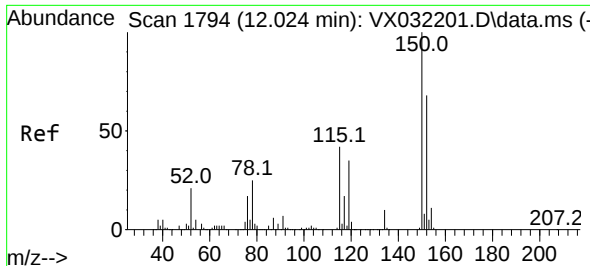
Tgt Ion: 95 Resp: 92262
Ion Ratio Lower Upper
95 100
174 81.3 0.0 166.8
176 78.3 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032299.D
Acq: 21 Oct 2022 19:16

Tgt Ion: 117 Resp: 194217
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.4
119 32.6 25.8 38.8

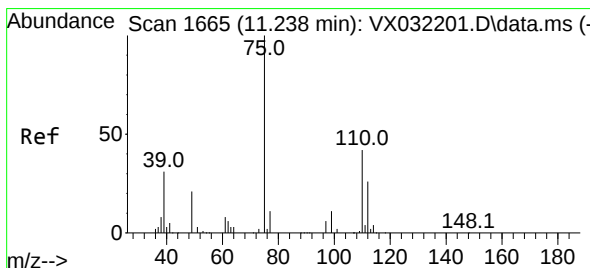
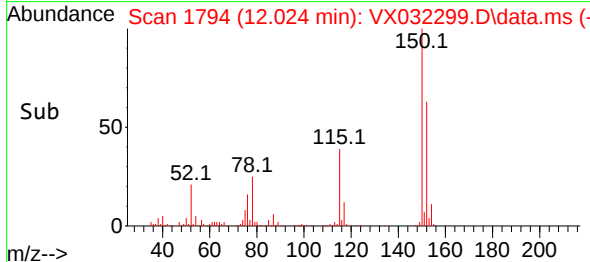
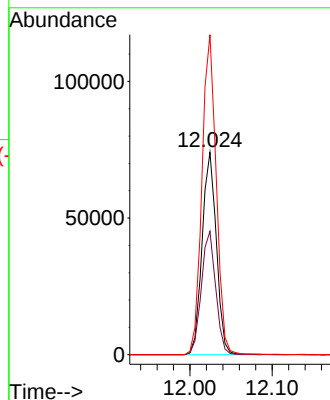
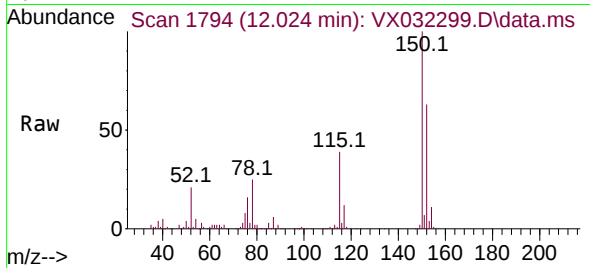




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032299.D
 Acq: 21 Oct 2022 19:16

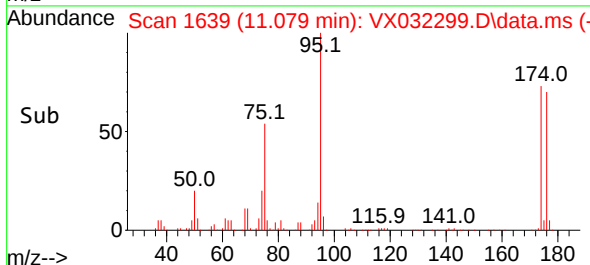
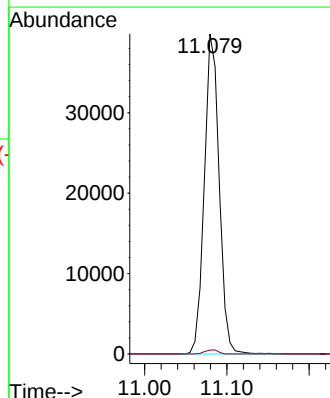
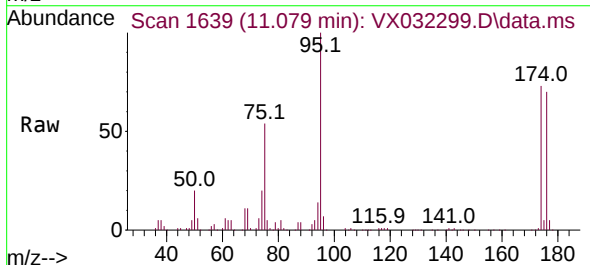
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW11R-20221018

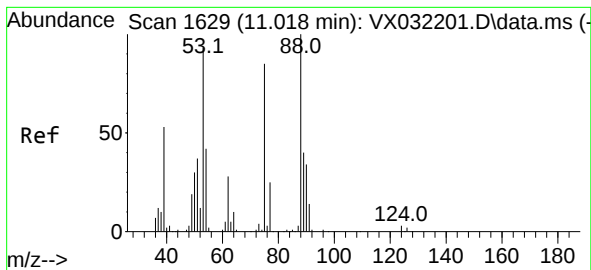
Tgt Ion:152 Resp: 89624
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.1 129.4
 150 158.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.076 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX032299.D
 Acq: 21 Oct 2022 19:16

Tgt Ion: 75 Resp: 49858
 Ion Ratio Lower Upper
 75 100
 77 1.1 16.0 47.9#





#81

trans-1,4-Dichloro-2-butene

Concen: 86.095 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX032299.D

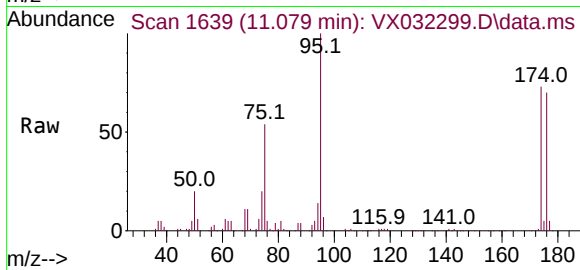
Acq: 21 Oct 2022 19:16

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW11R-20221018



Tgt Ion: 75 Resp: 49858

Ion Ratio Lower Upper

75 100

53 0.0 87.8 131.8#

89 0.0 37.8 56.8#

