

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032367.D
 Acq On : 25 Oct 2022 16:23
 Operator : JC/MD
 Sample : N5249-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-30-20221019

Quant Time: Oct 27 14:17:44 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	128792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203444	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80674	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80315	47.936	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.880%
35) Dibromofluoromethane	5.385	113	65691	46.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.800%
50) Toluene-d8	8.653	98	238758	46.851	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.700%
62) 4-Bromofluorobenzene	11.079	95	81512	43.680	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.360%

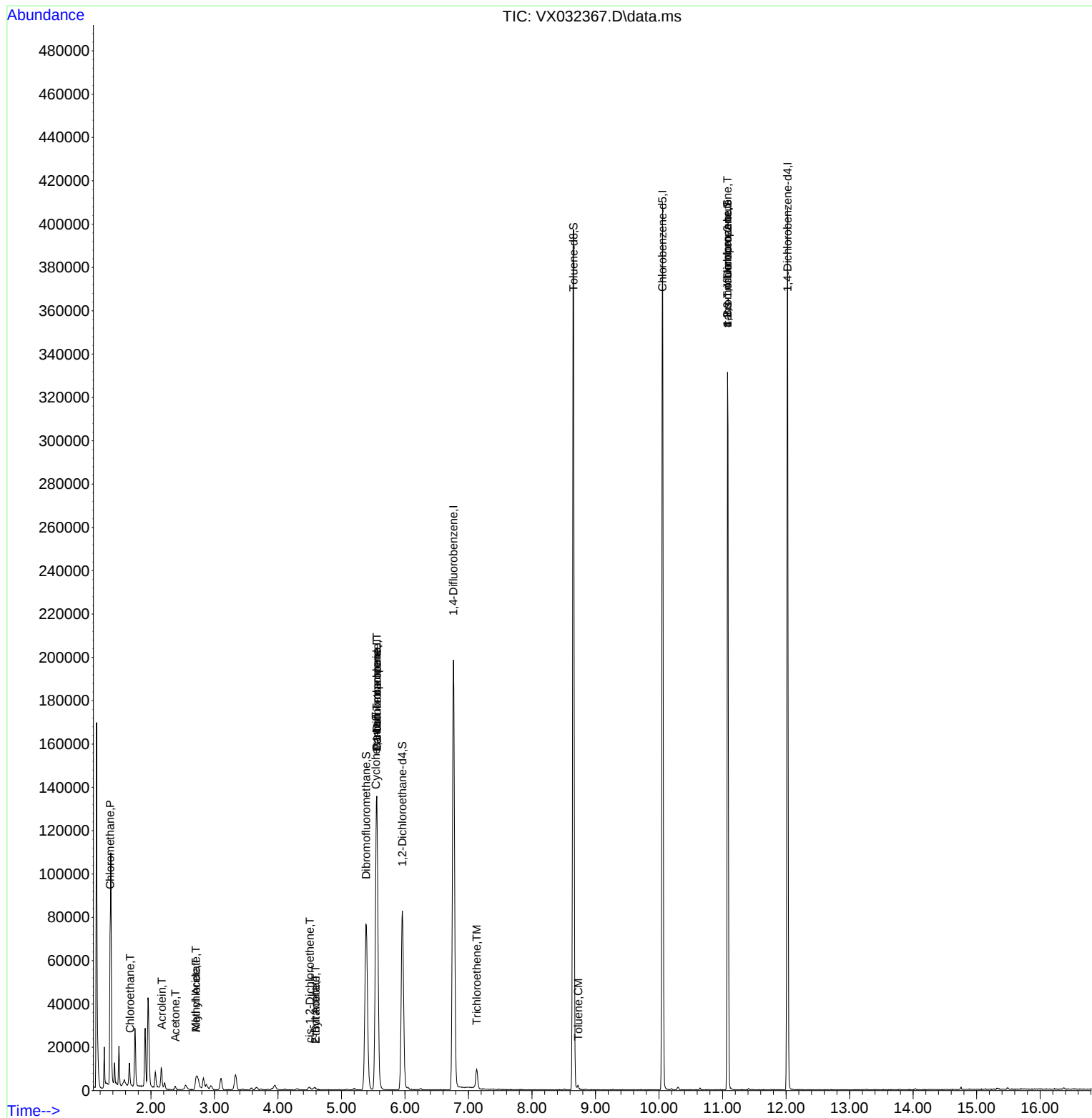
Target Compounds			Qvalue			
3) Chloromethane	1.355	50	3036	0.800	ug/l #	83
6) Chloroethane	1.672	64	124	2.046	ug/l #	41
11) Tert butyl alcohol	2.959	59	1640	Below Cal	#	74
13) Acrolein	2.172	56	211	1.035	ug/l #	1
14) Allyl chloride	2.709	41	3090	1.711	ug/l #	76
16) Acetone	2.386	43	1710	3.145	ug/l	96
18) Methyl Acetate	2.709	43	2033	1.101	ug/l #	63
25) 2-Butanone	4.593	43	496	0.584	ug/l #	48
27) cis-1,2-Dichloroethene	4.501	96	854	0.583	ug/l	93
31) Cyclohexane	5.544	56	3170	1.655	ug/l #	50
36) 1,1-Dichloropropene	5.556	75	10369	5.694	ug/l #	49
37) Ethyl Acetate	4.593	43	496	0.278	ug/l #	68
38) Carbon Tetrachloride	5.556	117	13513	7.029	ug/l #	15
44) Trichloroethene	7.129	130	3272	2.251	ug/l	85
52) Toluene	8.726	92	782	0.229	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	44236	27.674	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	44236	84.901	ug/l #	6

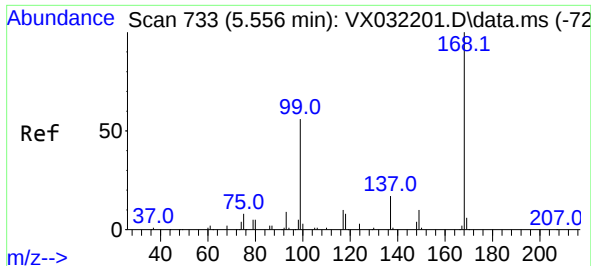
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 22 04:56:40 2022
Response via : Initial Calibration

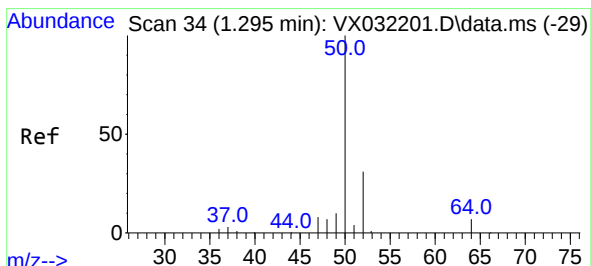
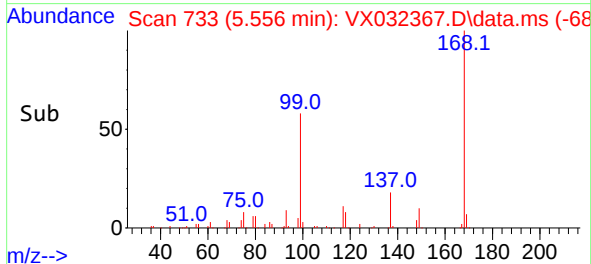
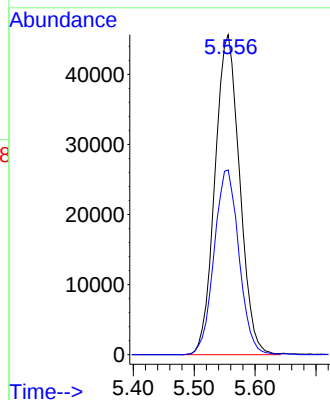
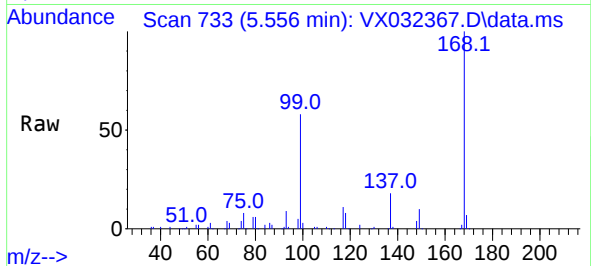




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

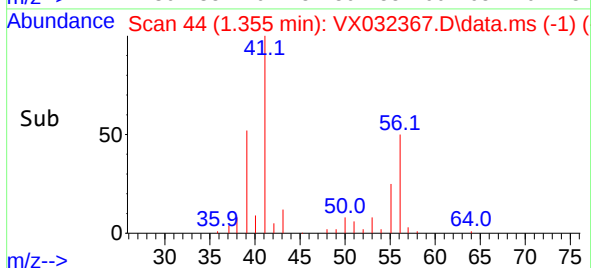
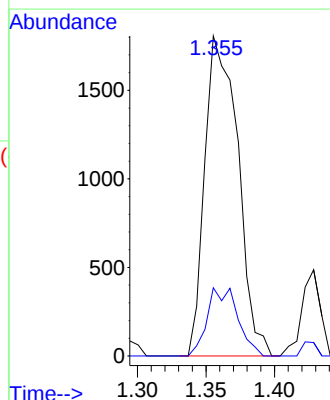
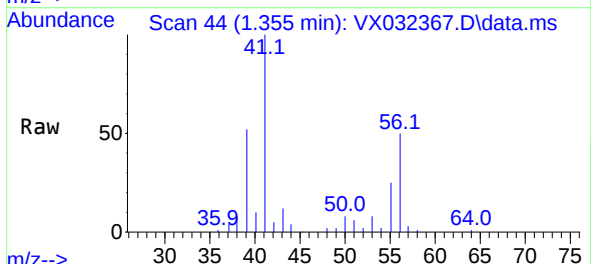
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-30-20221019

Tgt Ion:168 Resp: 128792
Ion Ratio Lower Upper
168 100
99 57.8 44.8 67.2

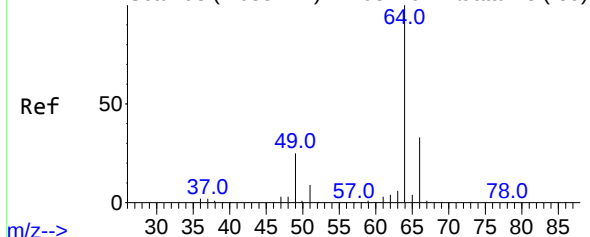


#3
Chloromethane
Concen: 0.800 ug/l
RT: 1.355 min Scan# 44
Delta R.T. 0.060 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

Tgt Ion: 50 Resp: 3036
Ion Ratio Lower Upper
50 100
52 21.3 24.7 37.1#



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

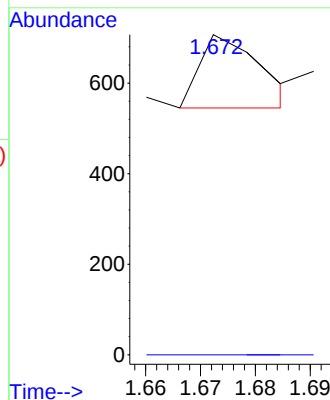
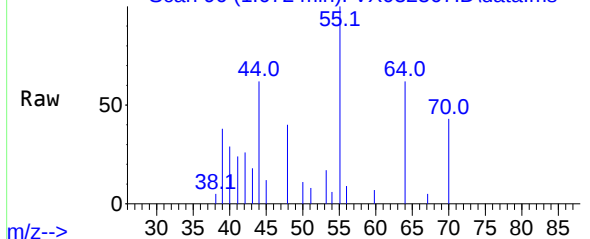


#6
Chloroethane
Concen: 2.046 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.013 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

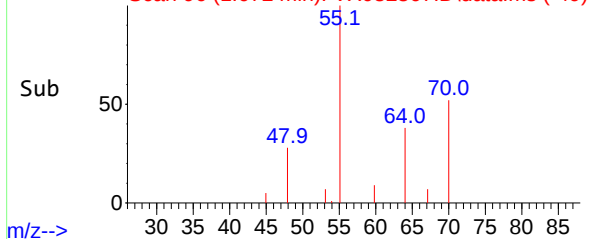
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-30-20221019

Tgt Ion: 64 Resp: 124
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#

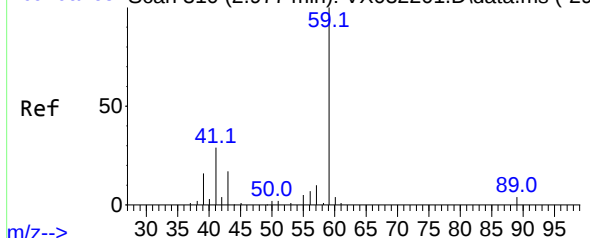
Abundance Scan 96 (1.672 min): VX032367.D\data.ms



Abundance Scan 96 (1.672 min): VX032367.D\data.ms (-49)



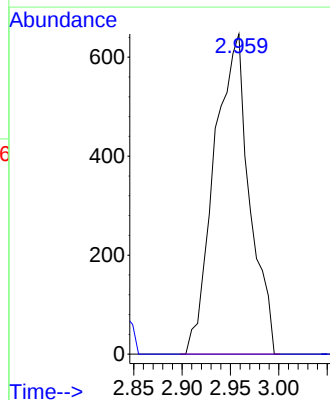
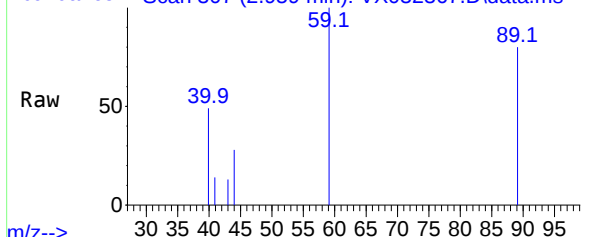
Abundance Scan 310 (2.977 min): VX032201.D\data.ms (-29)



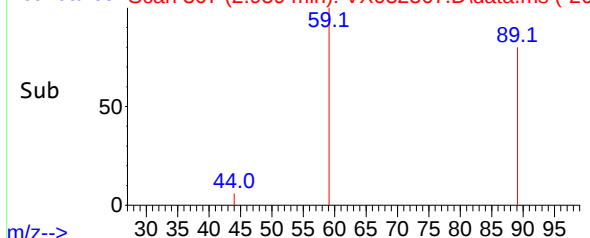
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

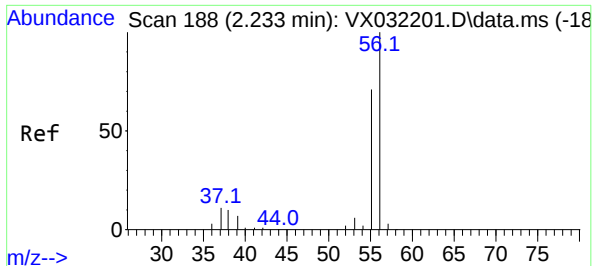
Tgt Ion: 59 Resp: 1640
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

Abundance Scan 307 (2.959 min): VX032367.D\data.ms



Abundance Scan 307 (2.959 min): VX032367.D\data.ms (-26)

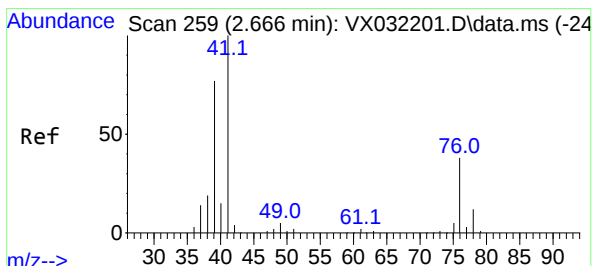
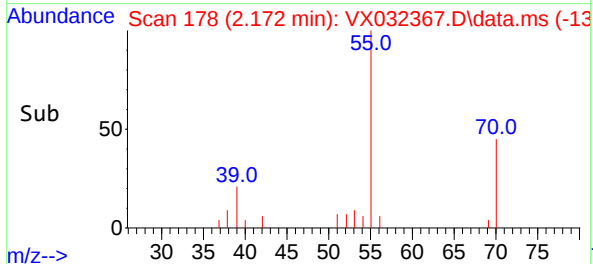
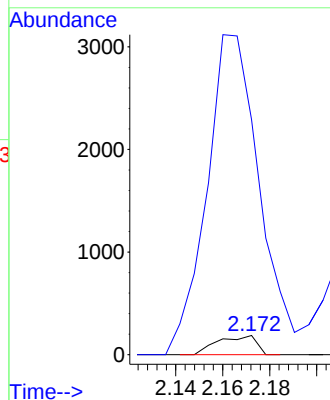
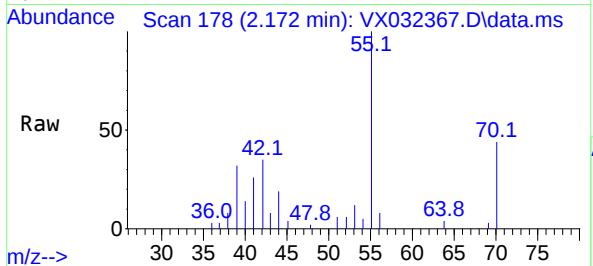




#13
Acrolein
Concen: 1.035 ug/l
RT: 2.172 min Scan# 11
Delta R.T. -0.061 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

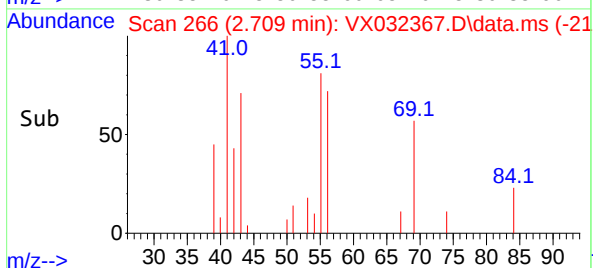
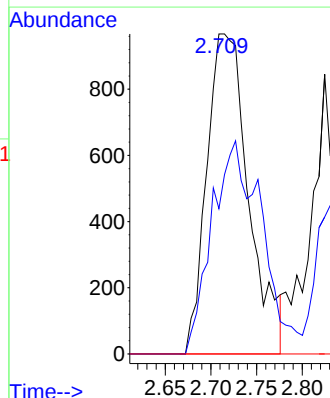
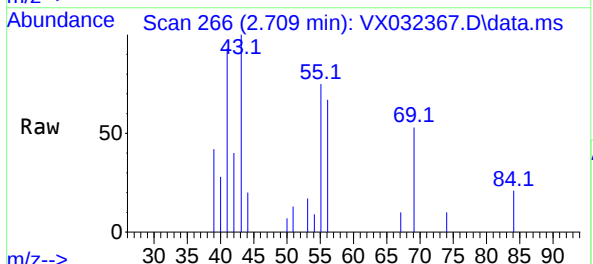
Instrument :
MSVOA_X
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FSND-MW-30-20221019

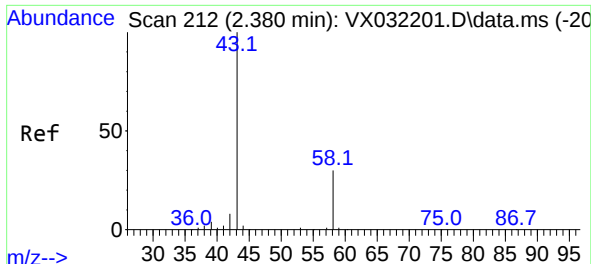
Tgt Ion: 56 Resp: 211
Ion Ratio Lower Upper
56 100
55 2297.6 56.4 84.6#



#14
Allyl chloride
Concen: 1.711 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.043 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

Tgt Ion: 41 Resp: 3090
Ion Ratio Lower Upper
41 100
39 79.4 59.5 89.3
76 0.0 28.6 42.8#

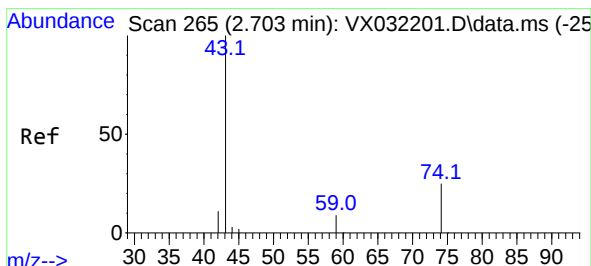
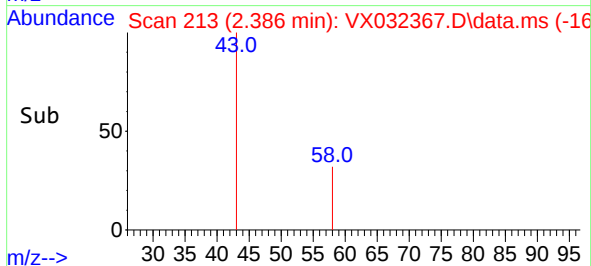
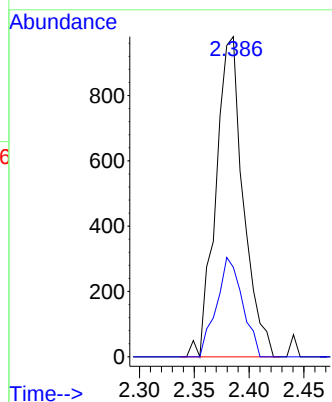
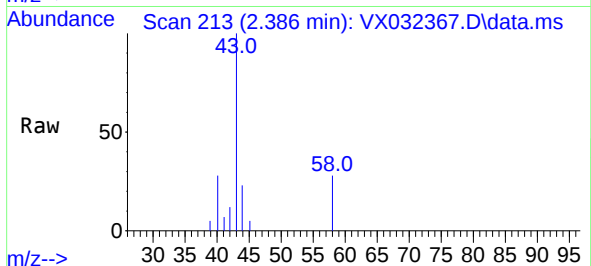




#16
Acetone
Concen: 3.145 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

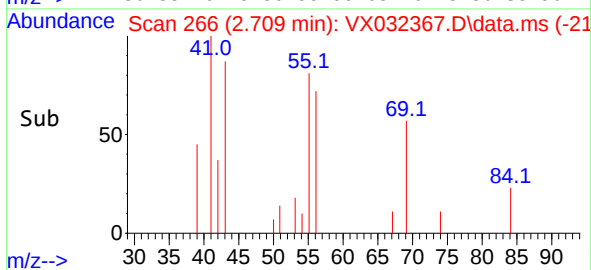
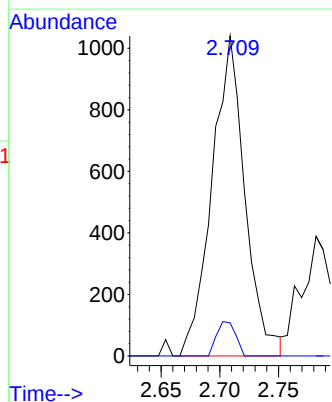
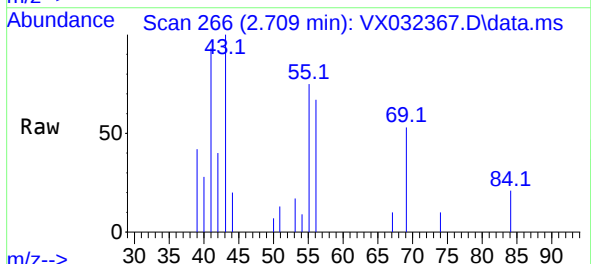
Instrument : MSVOA_X
ClientSampleId : FSND-MW-30-20221019

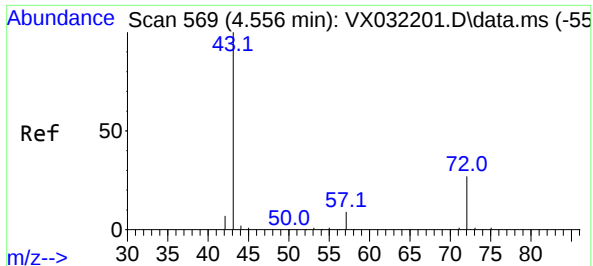
Tgt Ion: 43 Resp: 1710
Ion Ratio Lower Upper
43 100
58 28.0 24.2 36.2



#18
Methyl Acetate
Concen: 1.101 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

Tgt Ion: 43 Resp: 2033
Ion Ratio Lower Upper
43 100
74 6.1 19.8 29.8#





#25

2-Butanone

Concen: 0.584 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX032367.D

Acq: 25 Oct 2022 16:23

Instrument :

MSVOA_X

ClientSampleId :

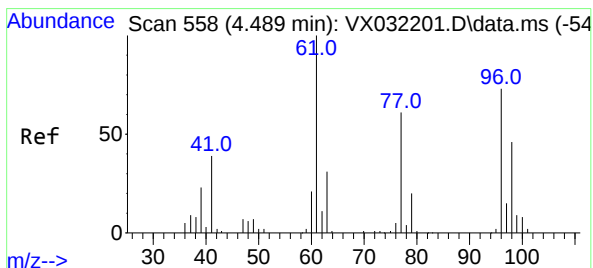
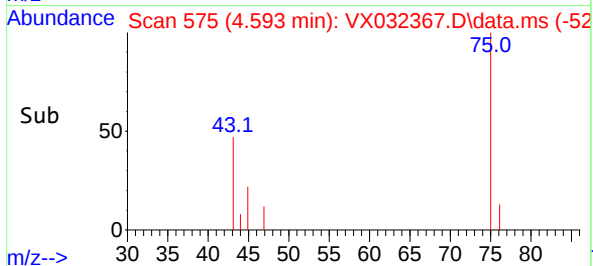
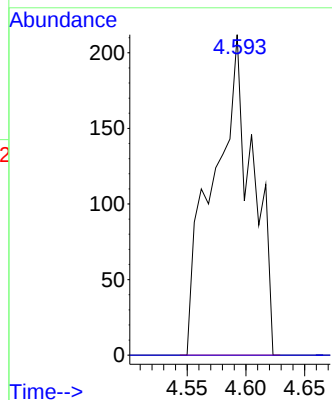
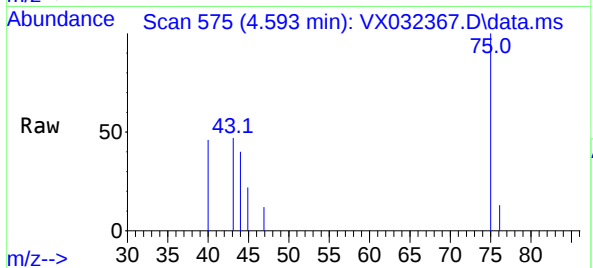
FSND-MW-30-20221019

Tgt Ion: 43 Resp: 496

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#27

cis-1,2-Dichloroethene

Concen: 0.583 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.012 min

Lab File: VX032367.D

Acq: 25 Oct 2022 16:23

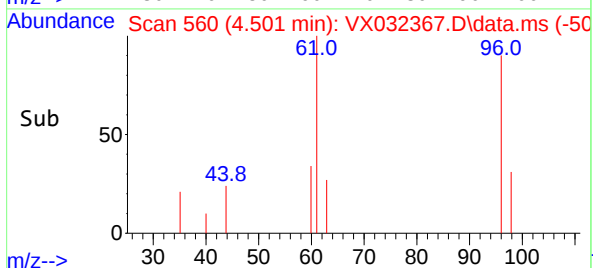
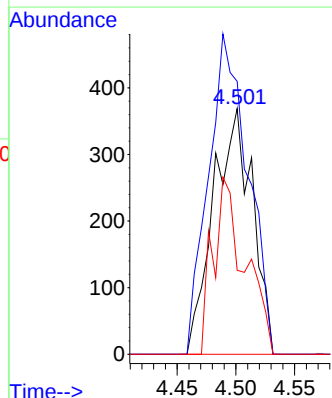
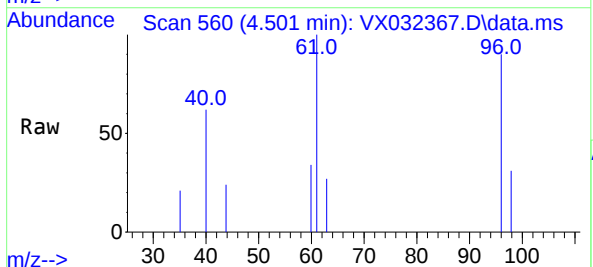
Tgt Ion: 96 Resp: 854

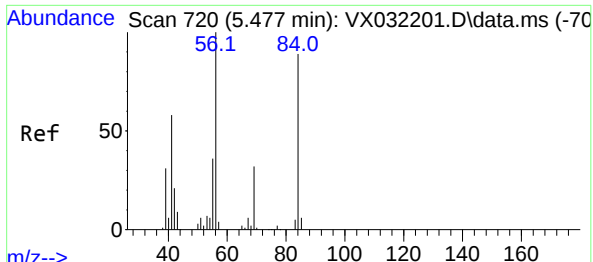
Ion Ratio Lower Upper

96 100

61 131.9 0.0 279.2

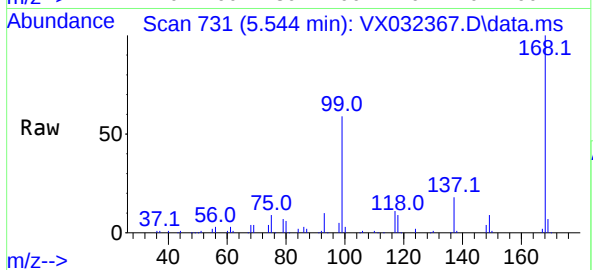
98 58.7 0.0 128.0



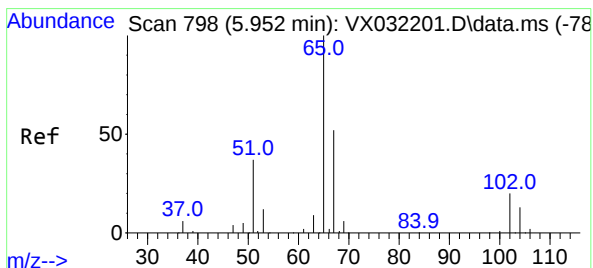
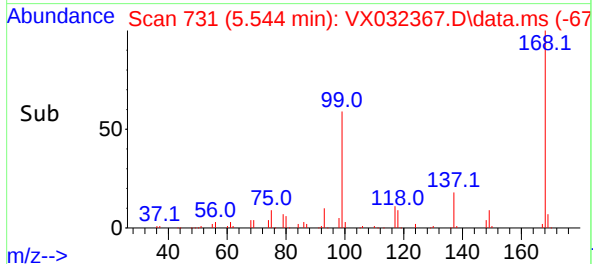
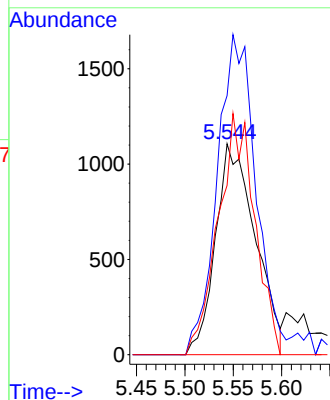


#31
Cyclohexane
Concen: 1.655 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-30-20221019

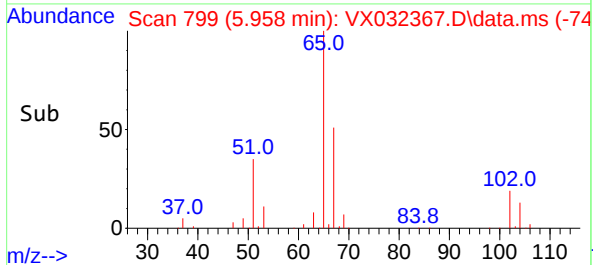
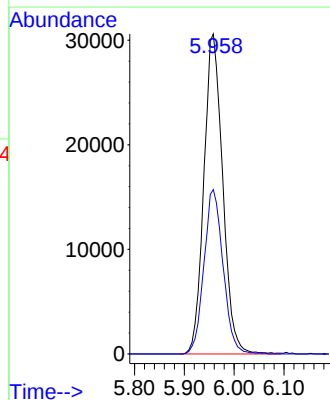
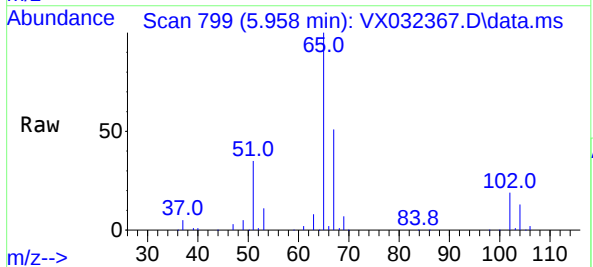


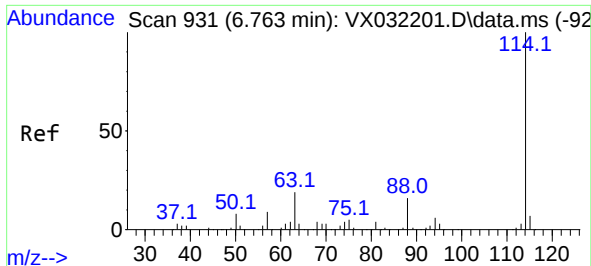
Tgt Ion: 56 Resp: 3170
Ion Ratio Lower Upper
56 100
69 122.8 25.4 38.0#
84 80.2 71.2 106.8



#33
1,2-Dichloroethane-d4
Concen: 47.936 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

Tgt Ion: 65 Resp: 80315
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.6

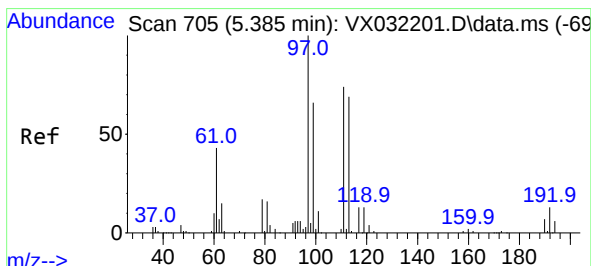
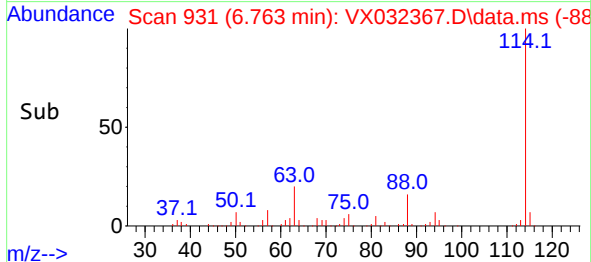
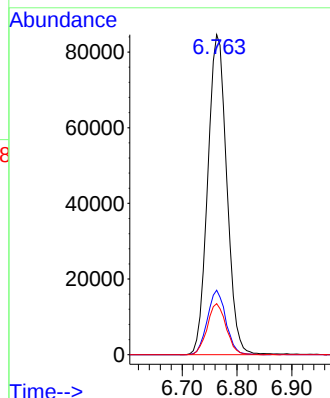
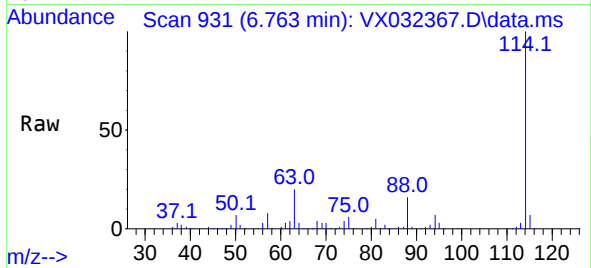




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

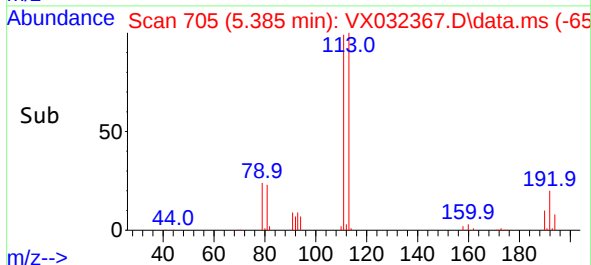
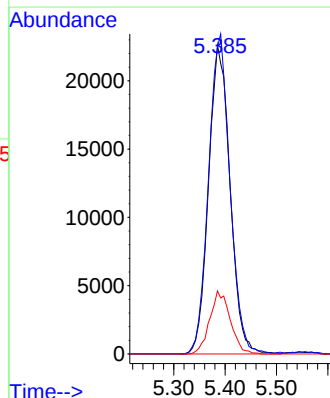
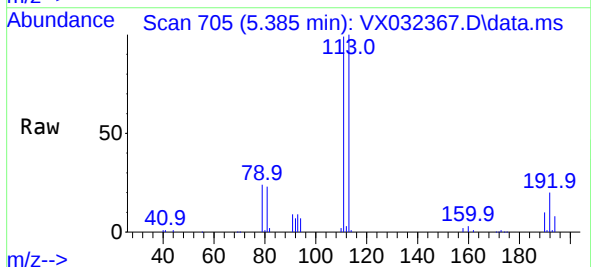
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-30-20221019

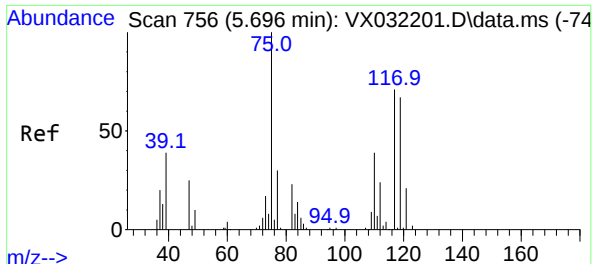
Tgt Ion:114 Resp: 203444
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.6
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.402 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

Tgt Ion:113 Resp: 65691
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 19.5 15.5 23.3





#36

1,1-Dichloropropene

Concen: 5.694 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX032367.D

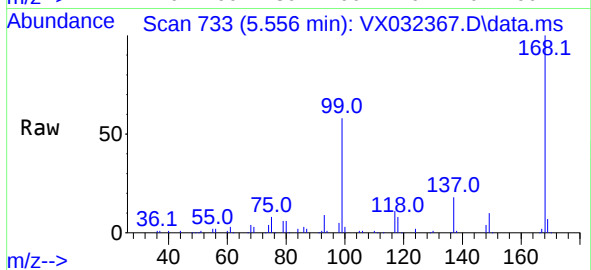
Acq: 25 Oct 2022 16:23

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-30-20221019



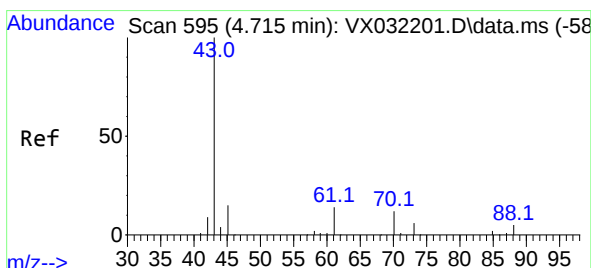
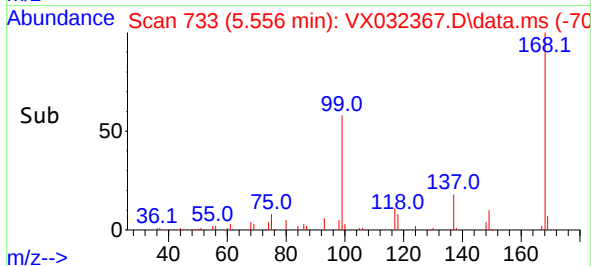
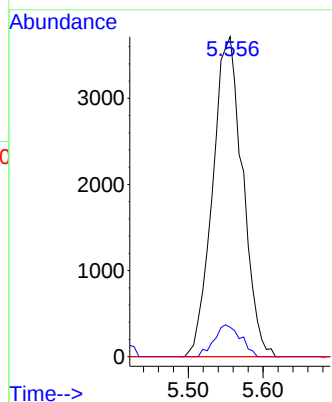
Tgt Ion: 75 Resp: 10369

Ion Ratio Lower Upper

75 100

110 8.8 18.4 55.0#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 0.278 ug/l

RT: 4.593 min Scan# 575

Delta R.T. -0.122 min

Lab File: VX032367.D

Acq: 25 Oct 2022 16:23

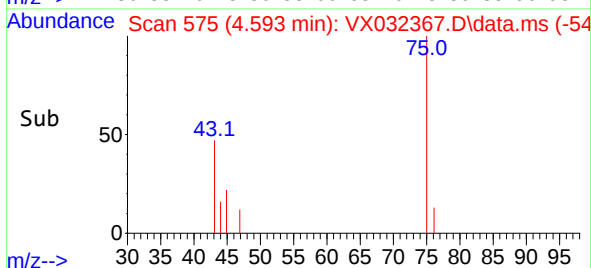
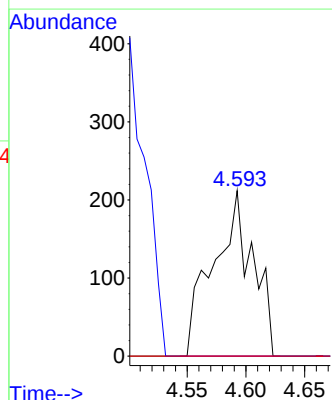
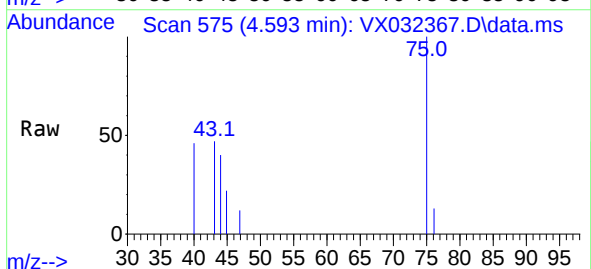
Tgt Ion: 43 Resp: 496

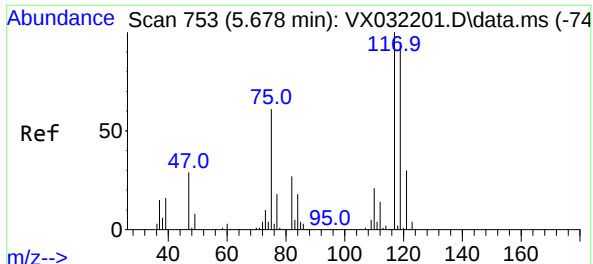
Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.2#

70 0.0 8.8 13.2#

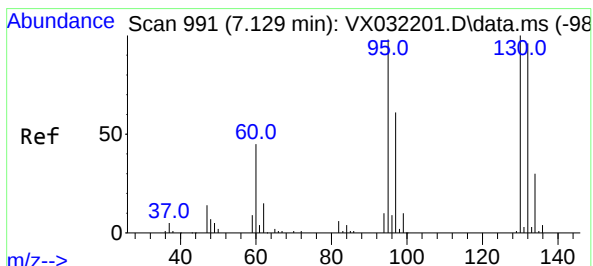
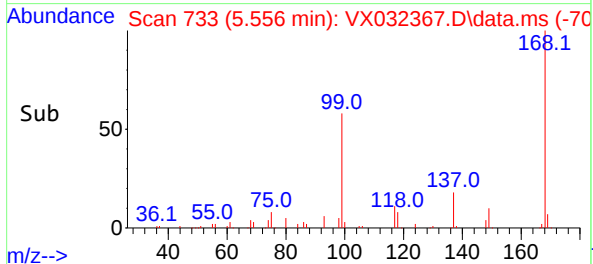
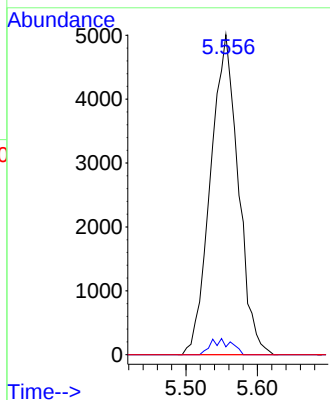
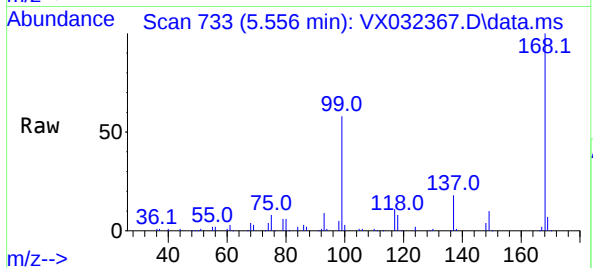




#38
Carbon Tetrachloride
Concen: 7.029 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

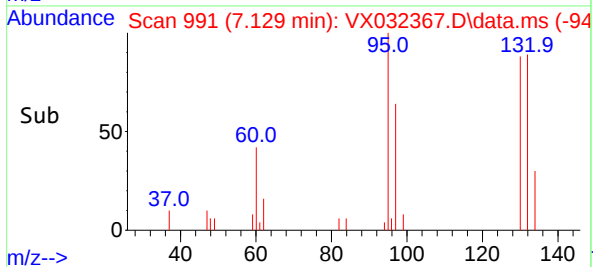
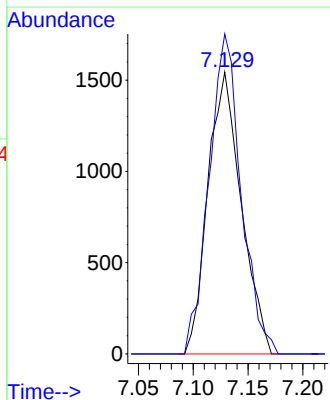
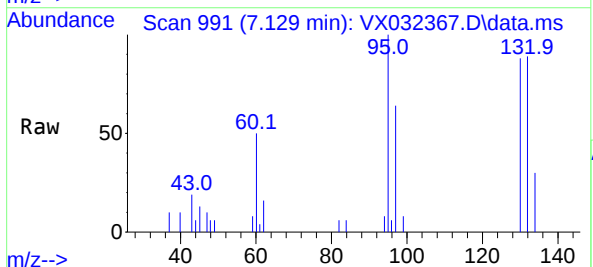
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-30-20221019

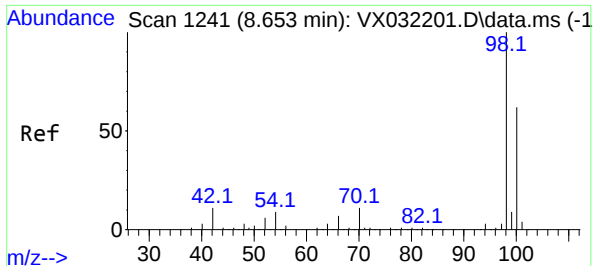
Tgt Ion:117 Resp: 13513
Ion Ratio Lower Upper
117 100
119 2.5 75.4 113.0#
121 0.0 23.9 35.9#



#44
Trichloroethene
Concen: 2.251 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

Tgt Ion:130 Resp: 3272
Ion Ratio Lower Upper
130 100
95 113.5 0.0 196.8

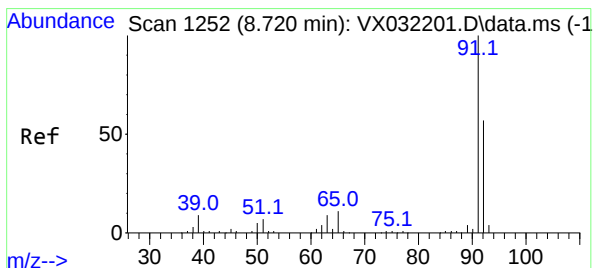
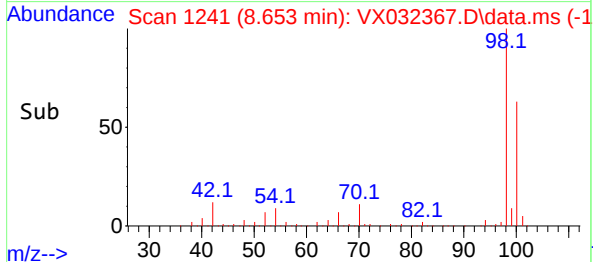
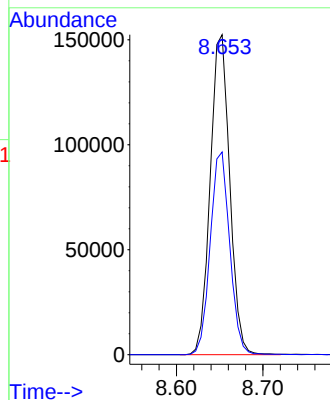
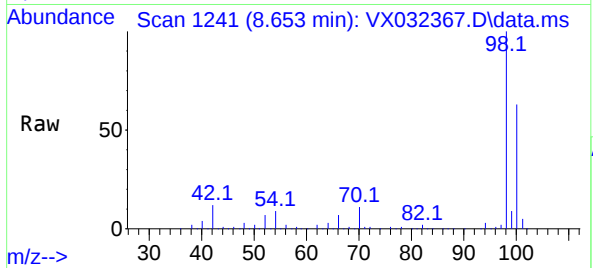




#50
Toluene-d8
Concen: 46.851 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

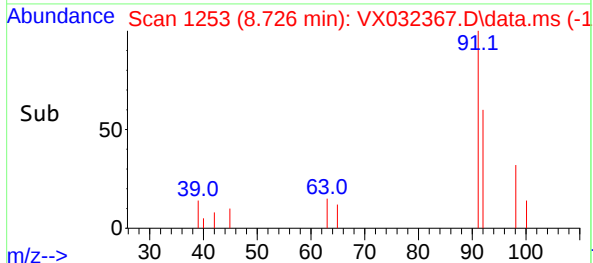
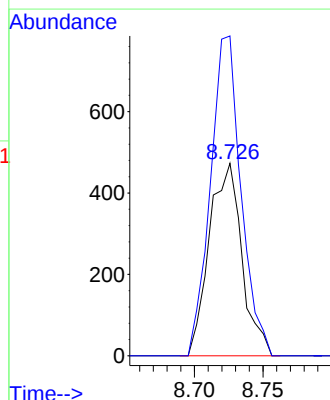
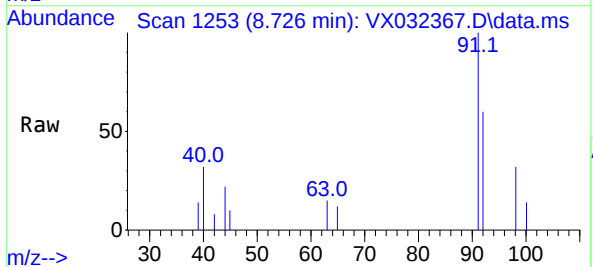
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-30-20221019

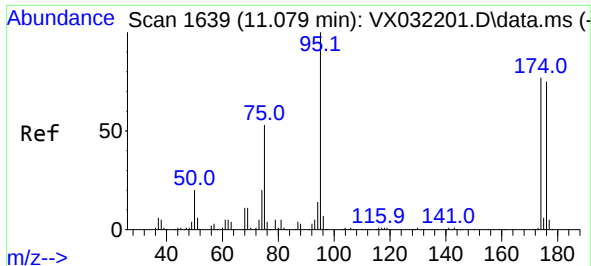
Tgt Ion: 98 Resp: 238758
Ion Ratio Lower Upper
98 100
100 63.2 50.7 76.1



#52
Toluene
Concen: 0.229 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

Tgt Ion: 92 Resp: 782
Ion Ratio Lower Upper
92 100
91 156.4 140.3 210.5

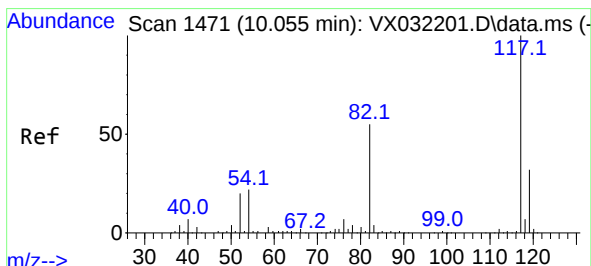
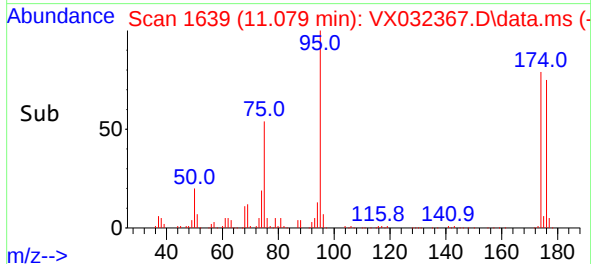
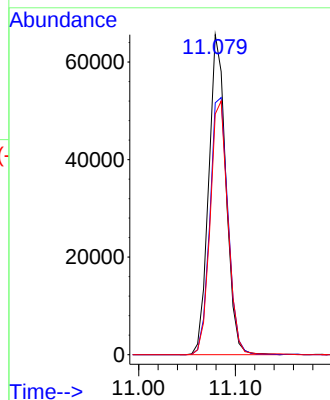
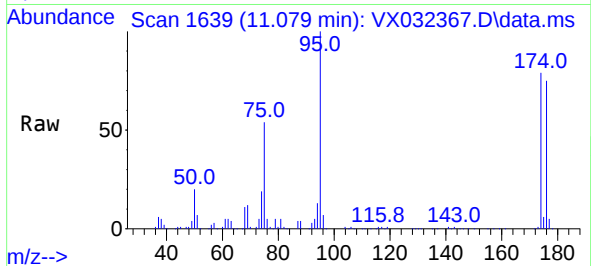




#62
4-Bromofluorobenzene
Concen: 43.680 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

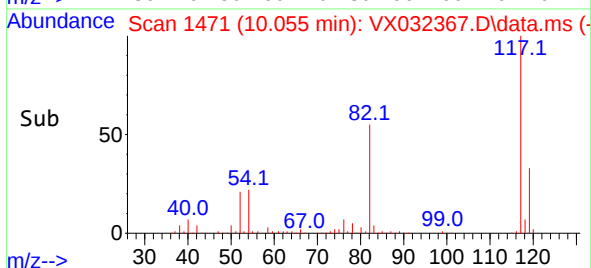
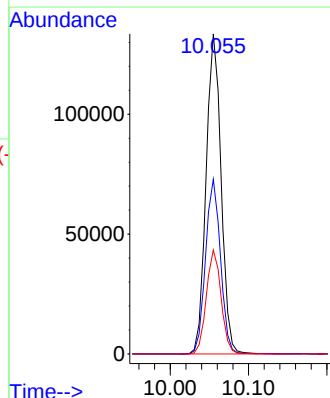
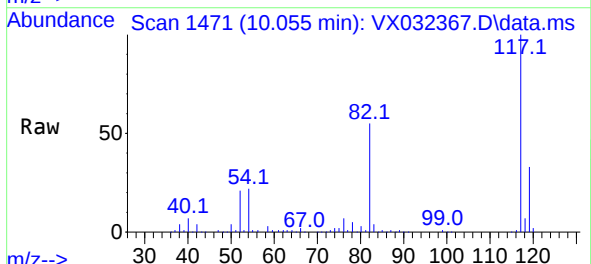
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-30-20221019

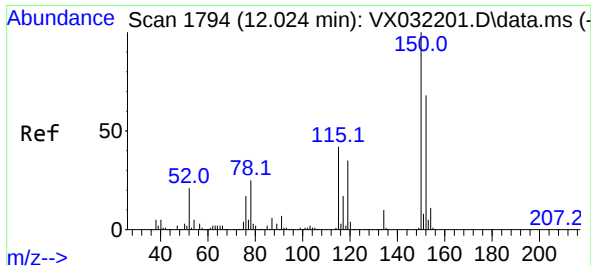
Tgt Ion:	95	Resp:	81512
Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	166.8
176	81.2	0.0	161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

Tgt Ion:	117	Resp:	177435
Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.2	66.4
119	32.5	25.8	38.8

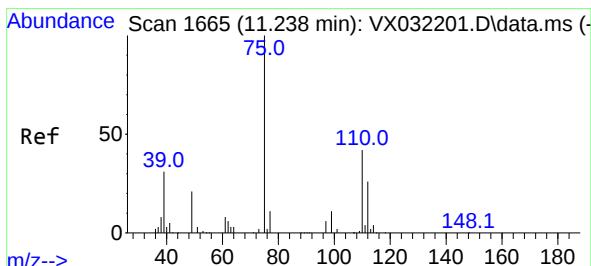
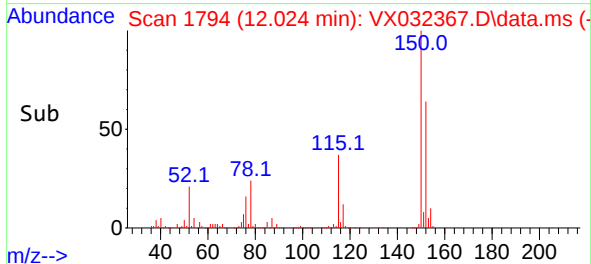
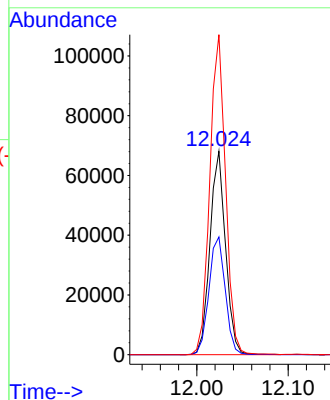
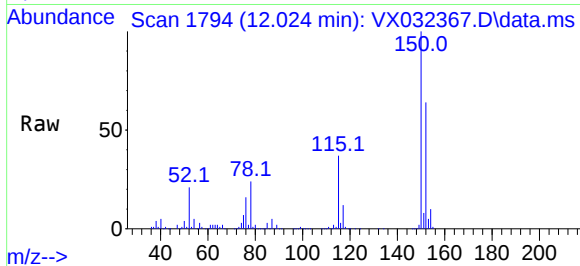




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

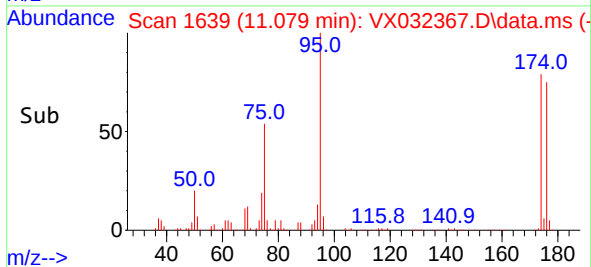
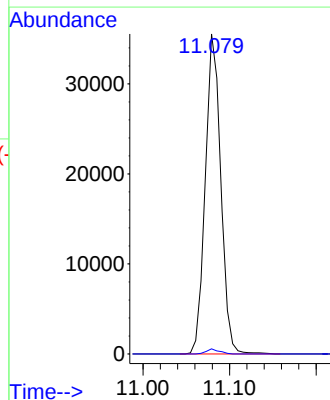
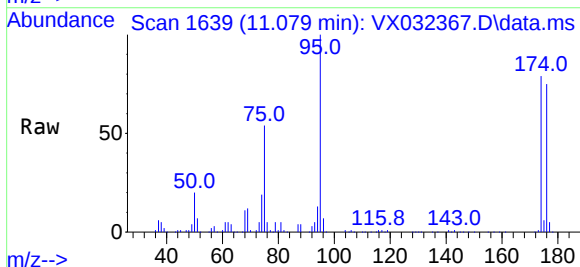
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-30-20221019

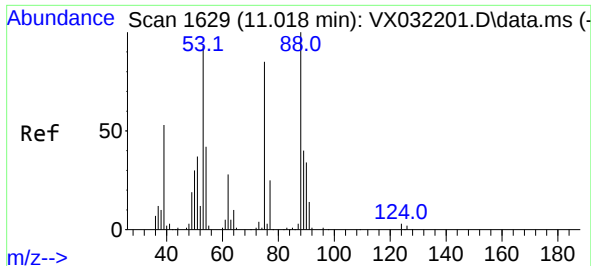
Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	43.1	129.4
150	158.8	0.0	348.6



#76
1,2,3-Trichloropropane
Concen: 27.674 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032367.D
Acq: 25 Oct 2022 16:23

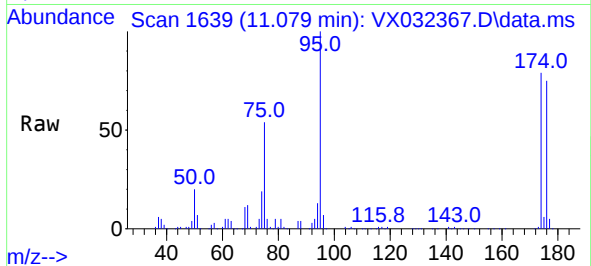
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	16.0	47.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.901 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032367.D
 Acq: 25 Oct 2022 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-30-20221019



Tgt Ion: 75 Resp: 44236
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.8 131.8#
 89 0.0 37.8 56.8#

