

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032337.D
 Acq On : 24 Oct 2022 14:00
 Operator : JC/MD
 Sample : N5248-20DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-28-20221019DL

Quant Time: Oct 25 03:26:54 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

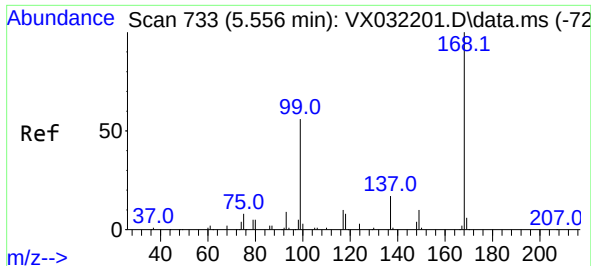
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	129152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201239	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78275	46.589	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.180%
35) Dibromofluoromethane	5.391	113	64628	46.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.300%
50) Toluene-d8	8.647	98	234229	46.466	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.940%
62) 4-Bromofluorobenzene	11.079	95	80499	43.610	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.220%
Target Compounds						
					Qvalue	
6) Chloroethane	1.685	64	61	1.999	ug/l #	41
11) Tert butyl alcohol	2.941	59	732	Below Cal	#	74
16) Acetone	2.386	43	279	0.512	ug/l #	44
20) Methylene Chloride	2.788	84	427	0.305	ug/l #	94
25) 2-Butanone	4.599	43	201	0.236	ug/l #	48
27) cis-1,2-Dichloroethene	4.495	96	1132	0.770	ug/l	75
31) Cyclohexane	5.544	56	2855	1.486	ug/l #	24
32) 1,1,1-Trichloroethane	5.391	97	3498	1.645	ug/l #	51
36) 1,1-Dichloropropene	5.550	75	10390	5.768	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13196	6.939	ug/l #	16
39) Methylcyclohexane	7.129	83	811	0.377	ug/l #	1
44) Trichloroethene	7.129	130	63211	43.967	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	1177	0.678	ug/l #	1
60) Dibromochloromethane	9.275	129	6440	4.574	ug/l #	11
64) Tetrachloroethene	9.275	164	6876	6.004	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	43309	27.944	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	43309	85.703	ug/l #	6

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

Quant Time: Oct 25 03:26:54 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

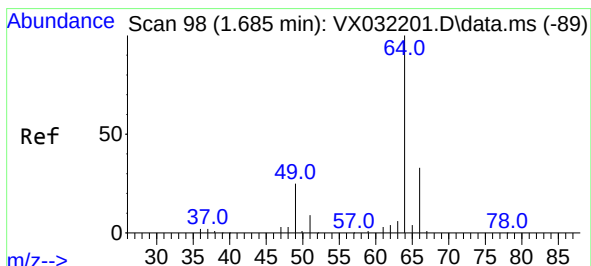
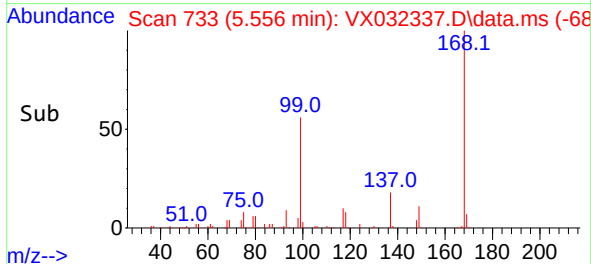
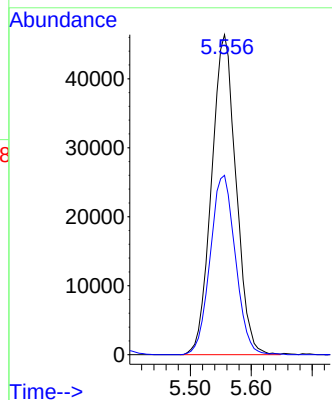
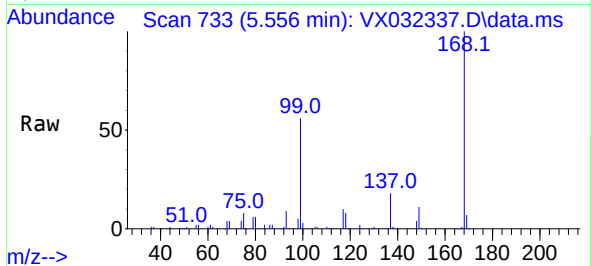




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032337.D
Acq: 24 Oct 2022 14:00

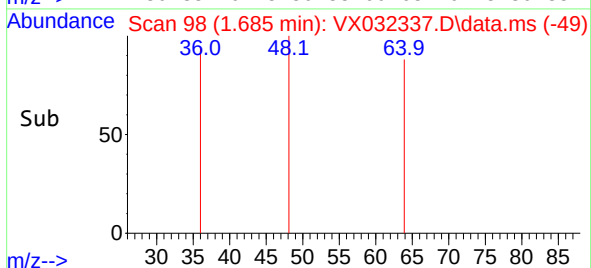
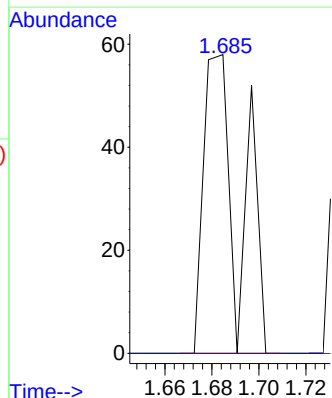
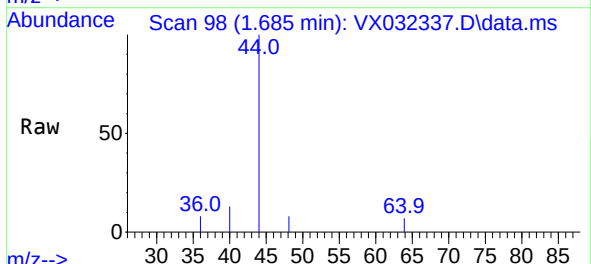
Instrument : MSVOA_X
ClientSampleId : FSND-MW-28-20221019DL

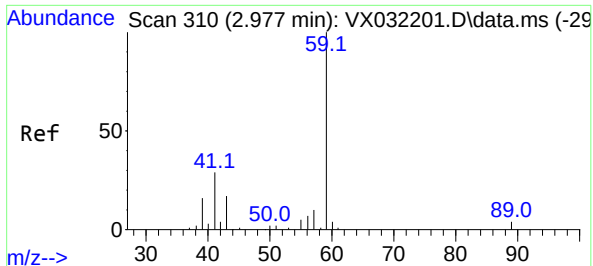
Tgt Ion:168 Resp: 129152
Ion Ratio Lower Upper
168 100
99 56.0 44.8 67.2



#6
Chloroethane
Concen: 1.999 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX032337.D
Acq: 24 Oct 2022 14:00

Tgt Ion: 64 Resp: 61
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 304

Delta R.T. -0.036 min

Lab File: VX032337.D

Acq: 24 Oct 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

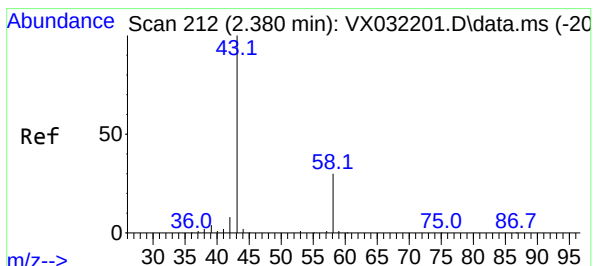
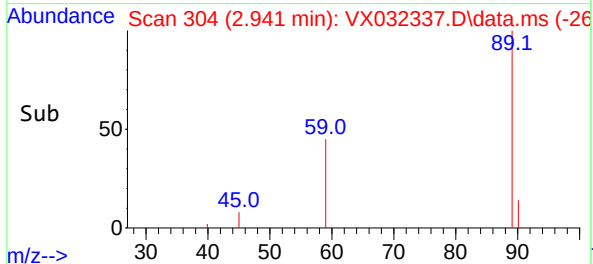
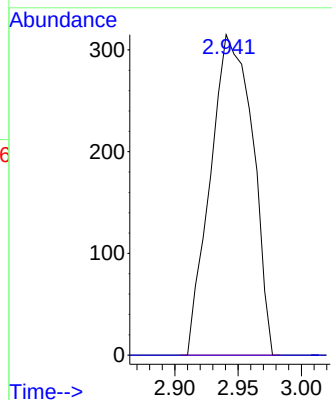
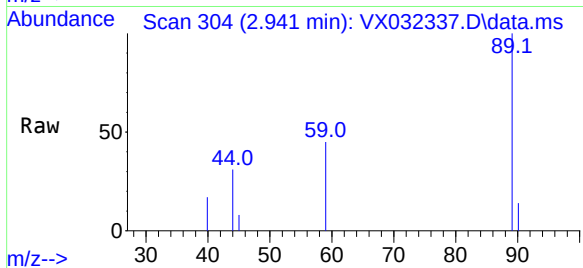
FSND-MW-28-20221019DL

Tgt Ion: 59 Resp: 732

Ion Ratio Lower Upper

59 100

57 0.0 7.5 11.3#



#16

Acetone

Concen: 0.512 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX032337.D

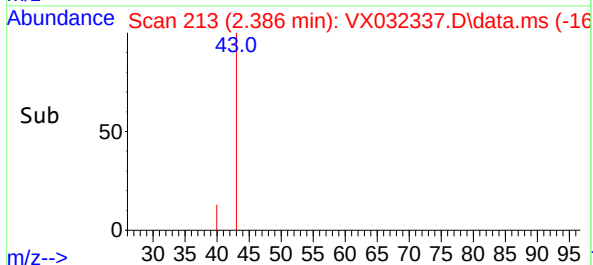
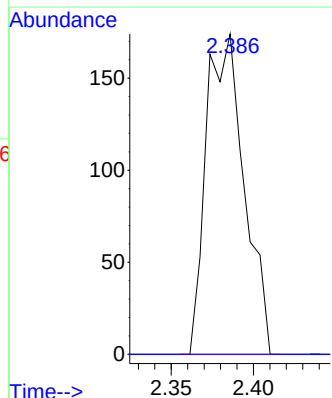
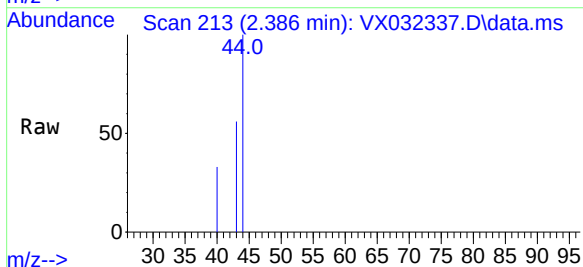
Acq: 24 Oct 2022 14:00

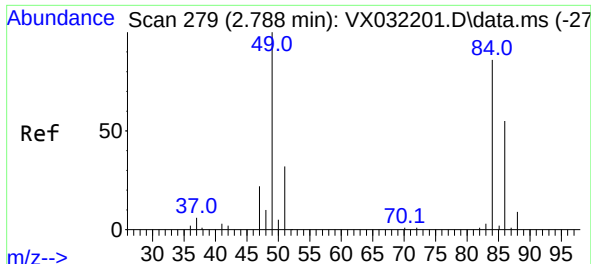
Tgt Ion: 43 Resp: 279

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.2#





#20

Methylene Chloride

Concen: 0.305 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX032337.D

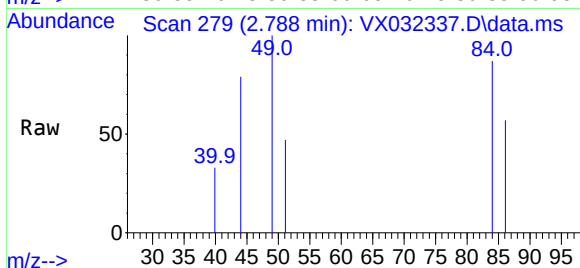
Acq: 24 Oct 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-28-20221019DL



Tgt Ion: 84 Resp: 427

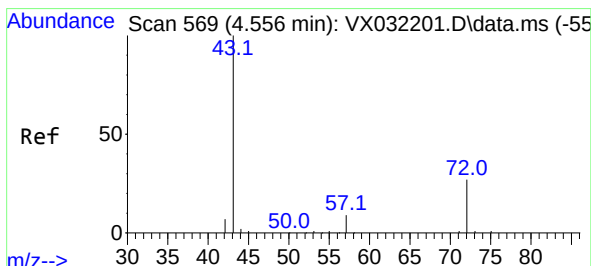
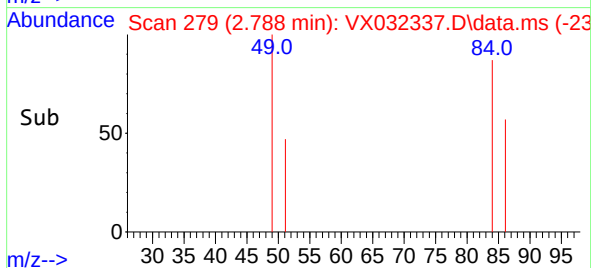
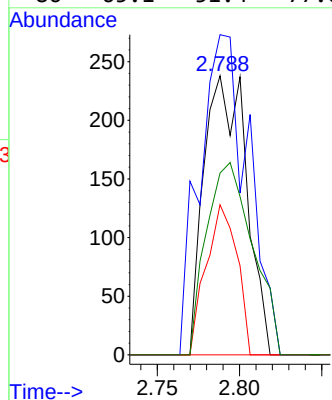
Ion Ratio Lower Upper

84 100

49 114.7 92.6 139.0

51 53.8 29.2 43.8#

86 65.1 51.4 77.0



#25

2-Butanone

Concen: 0.236 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.043 min

Lab File: VX032337.D

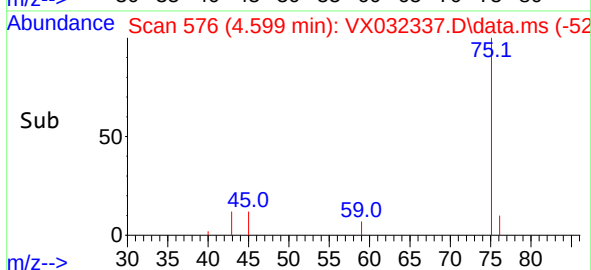
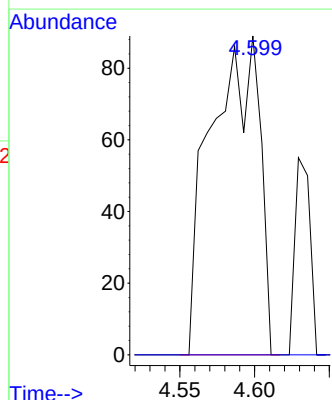
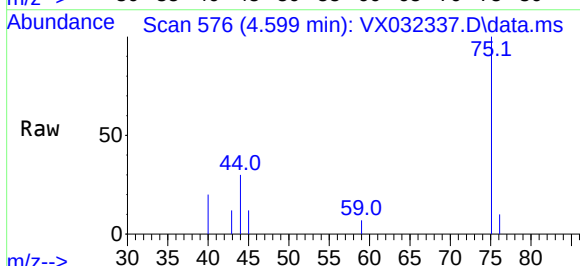
Acq: 24 Oct 2022 14:00

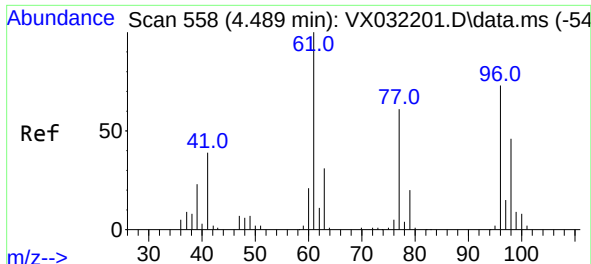
Tgt Ion: 43 Resp: 201

Ion Ratio Lower Upper

43 100

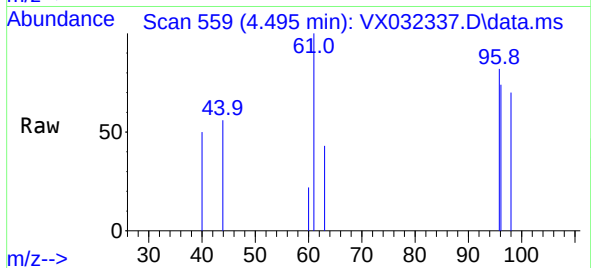
72 0.0 21.7 32.5#





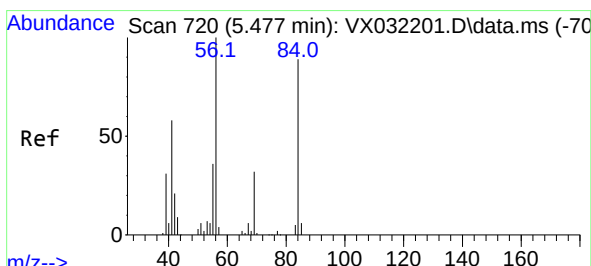
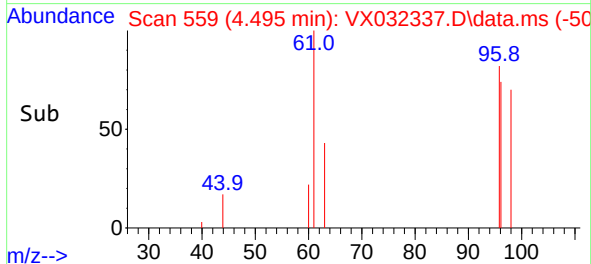
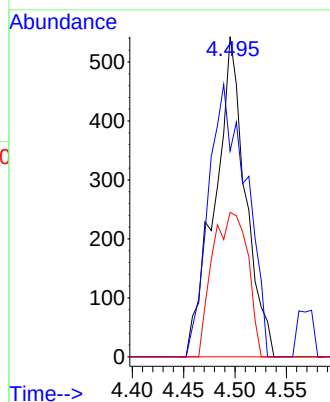
#27
 cis-1,2-Dichloroethene
 Concen: 0.770 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX032337.D
 Acq: 24 Oct 2022 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-28-20221019DL



Tgt Ion: 96 Resp: 1132

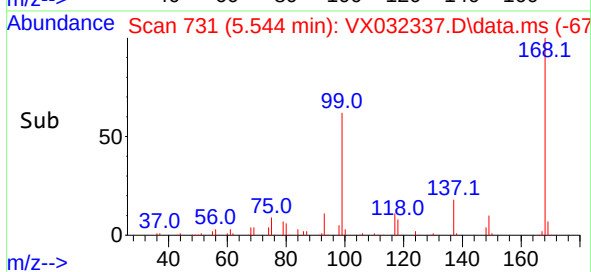
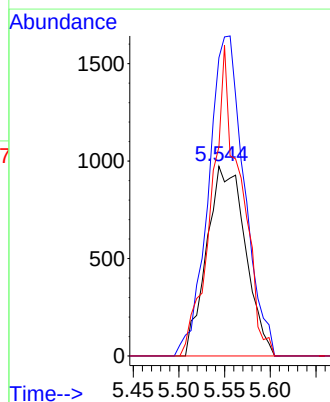
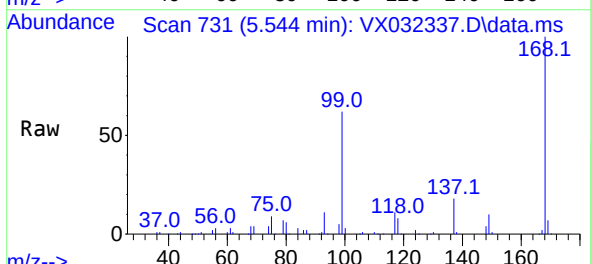
Ion	Ratio	Lower	Upper
96	100		
61	104.4	0.0	279.2
98	51.8	0.0	128.0

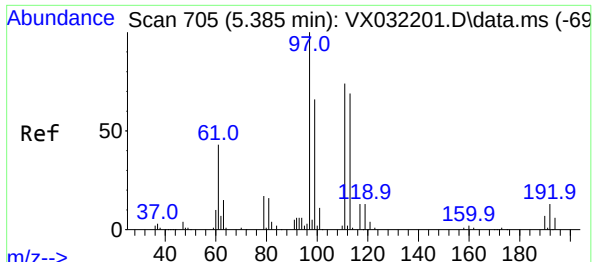


#31
 Cyclohexane
 Concen: 1.486 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.067 min
 Lab File: VX032337.D
 Acq: 24 Oct 2022 14:00

Tgt Ion: 56 Resp: 2855

Ion	Ratio	Lower	Upper
56	100		
69	157.2	25.4	38.0#
84	110.3	71.2	106.8#

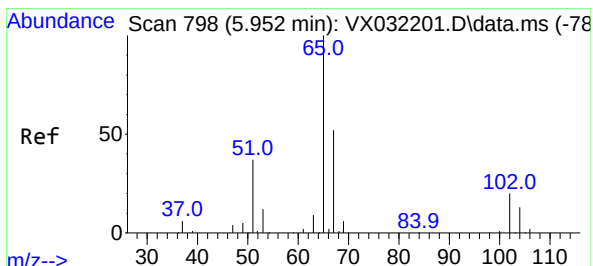
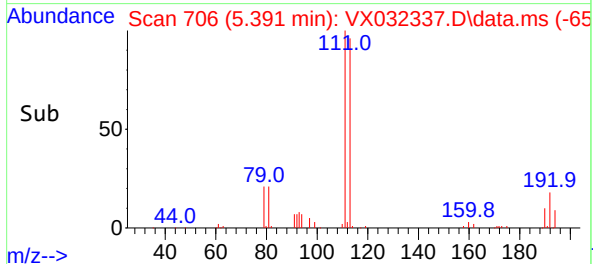
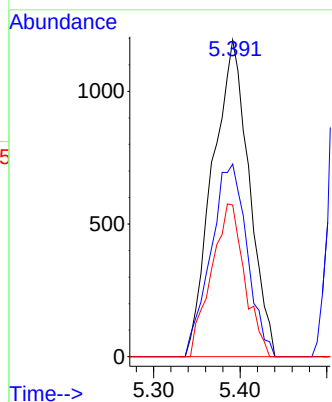
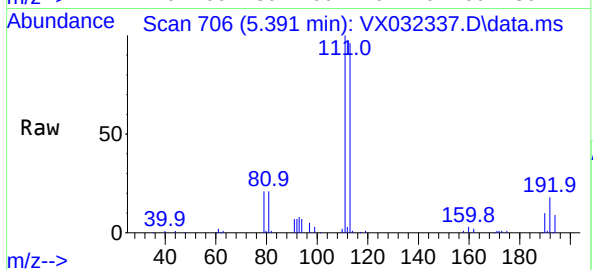




#32
1,1,1-Trichloroethane
Concen: 1.645 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032337.D
Acq: 24 Oct 2022 14:00

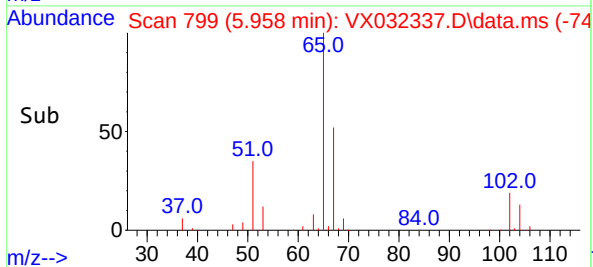
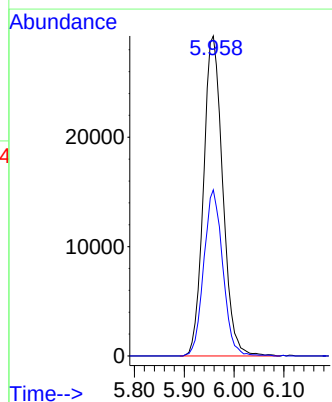
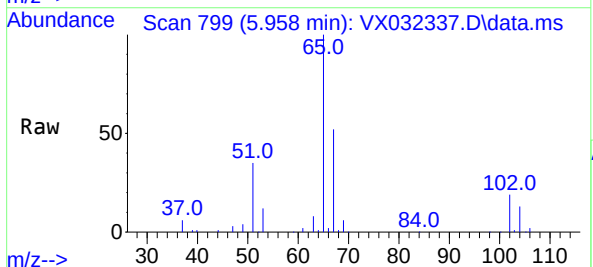
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-28-20221019DL

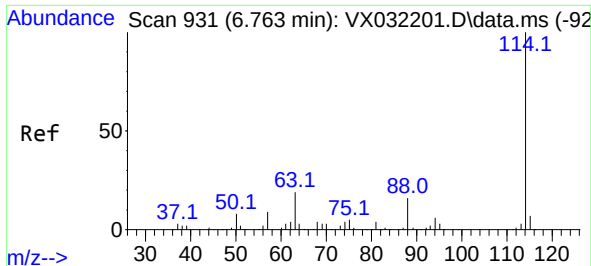
Tgt Ion: 97 Resp: 3498
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.8#
61 43.8 35.7 53.5



#33
1,2-Dichloroethane-d4
Concen: 46.589 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032337.D
Acq: 24 Oct 2022 14:00

Tgt Ion: 65 Resp: 78275
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.6

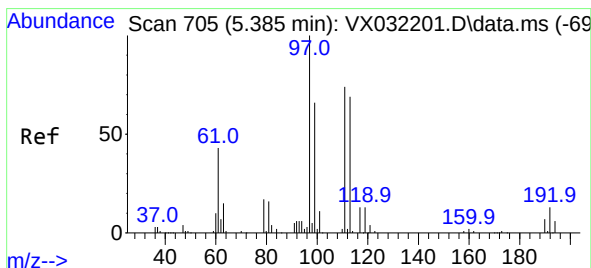
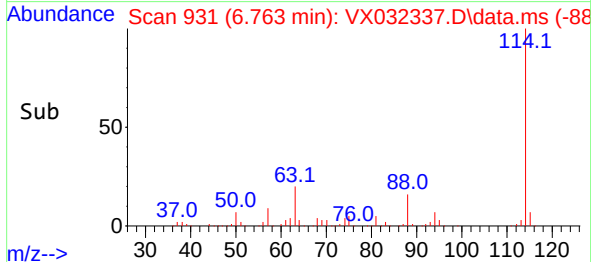
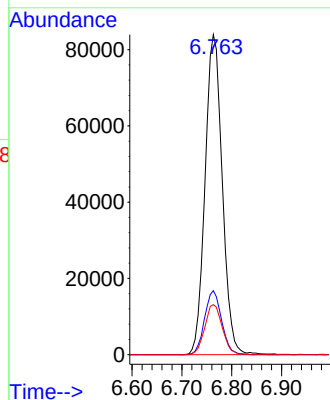
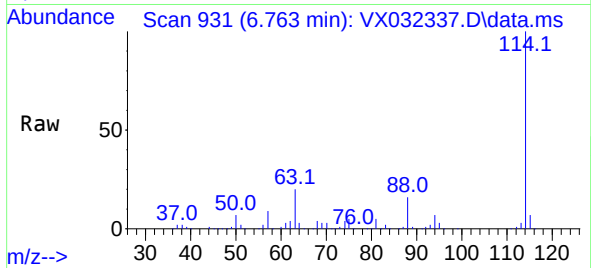




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032337.D
Acq: 24 Oct 2022 14:00

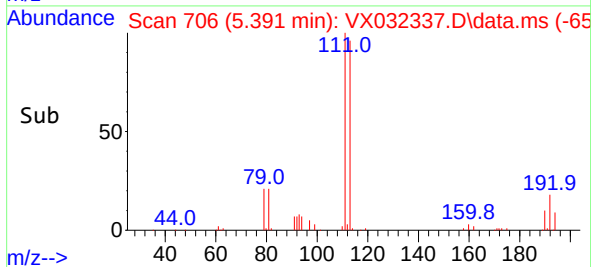
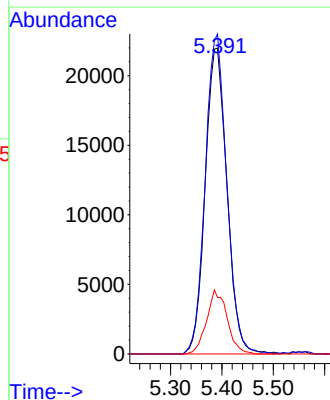
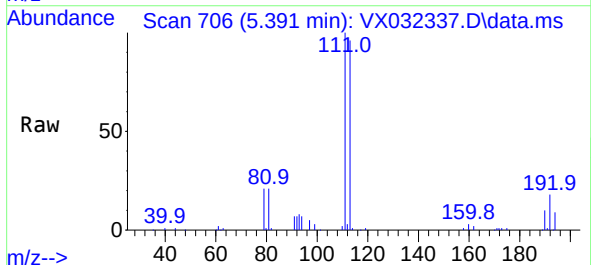
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-28-20221019DL

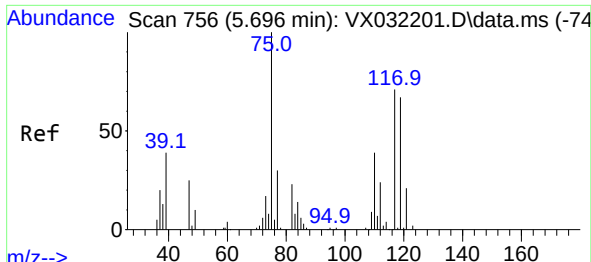
Tgt Ion:114 Resp: 201239
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.6
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.151 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032337.D
Acq: 24 Oct 2022 14:00

Tgt Ion:113 Resp: 64628
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 19.7 15.5 23.3

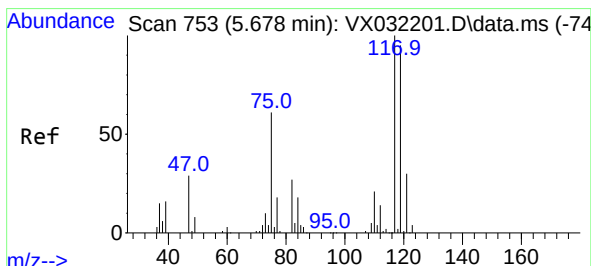
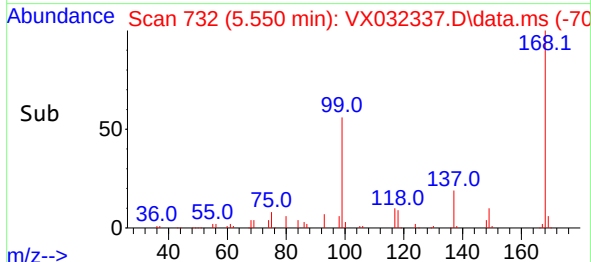
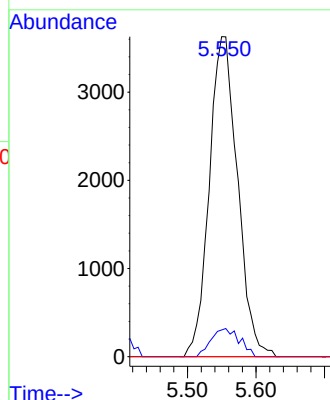
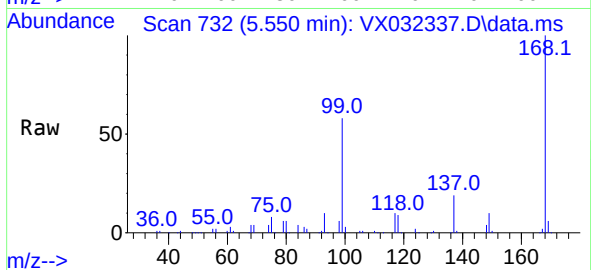




#36
1,1-Dichloropropene
Concen: 5.768 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX032337.D
Acq: 24 Oct 2022 14:00

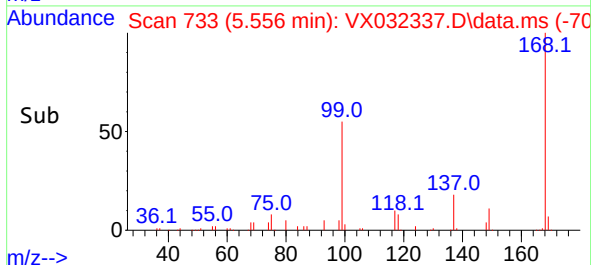
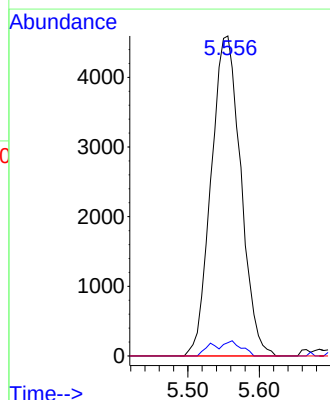
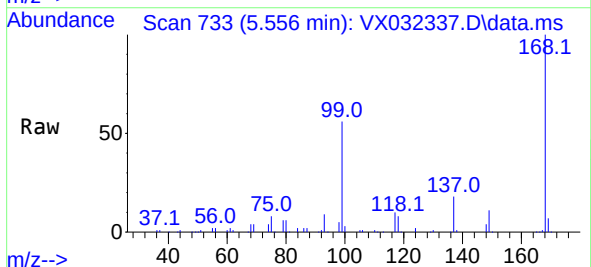
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-28-20221019DL

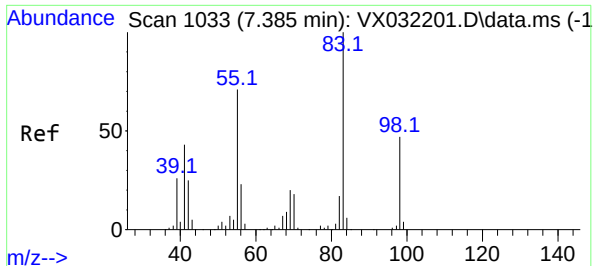
Tgt Ion: 75 Resp: 10390
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.0#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.939 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX032337.D
Acq: 24 Oct 2022 14:00

Tgt Ion: 117 Resp: 13196
Ion Ratio Lower Upper
117 100
119 4.1 75.4 113.0#
121 0.0 23.9 35.9#

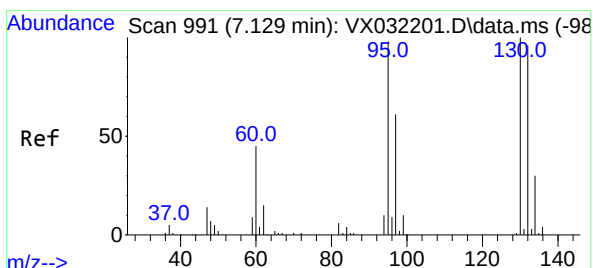
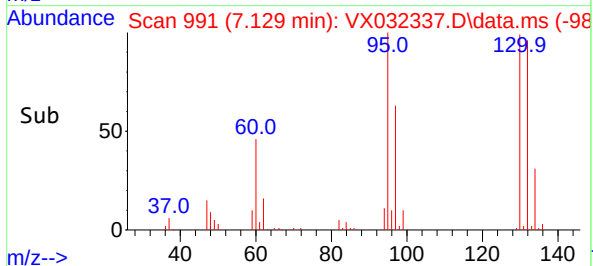
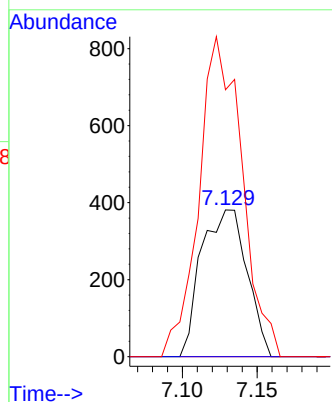
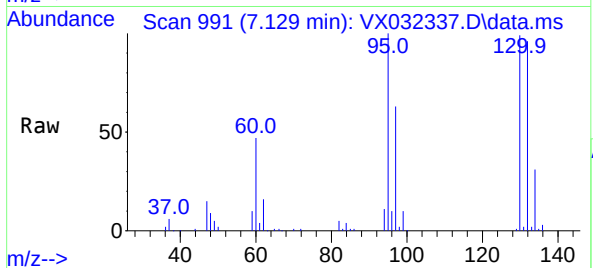




#39
Methylcyclohexane
Concen: 0.377 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX032337.D
Acq: 24 Oct 2022 14:00

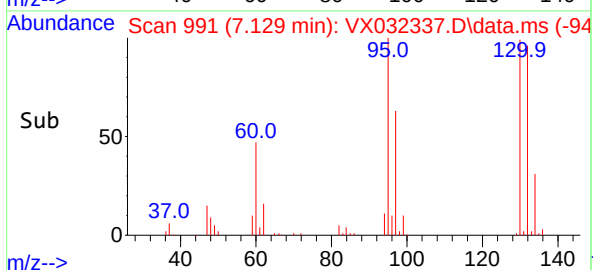
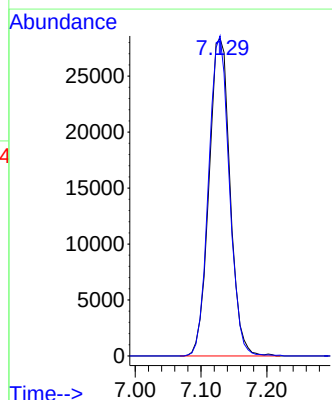
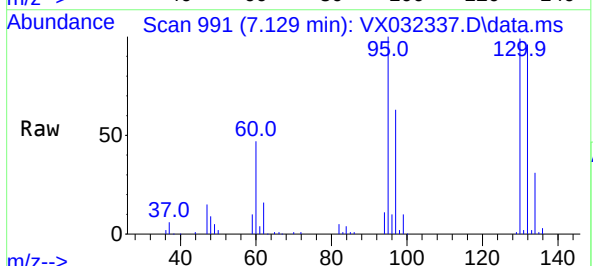
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-28-20221019DL

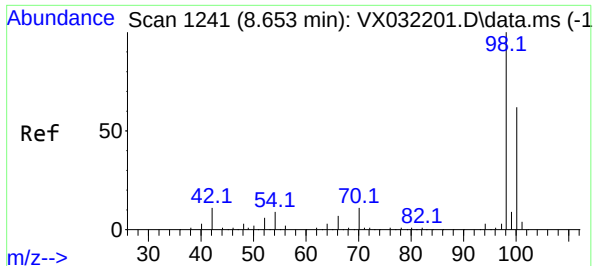
Tgt Ion: 83 Resp: 811
Ion Ratio Lower Upper
83 100
55 0.0 56.6 85.0#
98 181.9 37.4 56.0#



#44
Trichloroethene
Concen: 43.967 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032337.D
Acq: 24 Oct 2022 14:00

Tgt Ion:130 Resp: 63211
Ion Ratio Lower Upper
130 100
95 100.7 0.0 196.8





#50

Toluene-d8

Concen: 46.466 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032337.D

Acq: 24 Oct 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

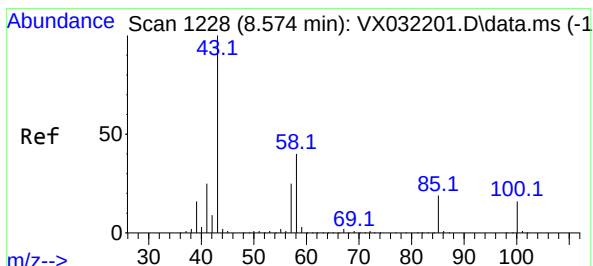
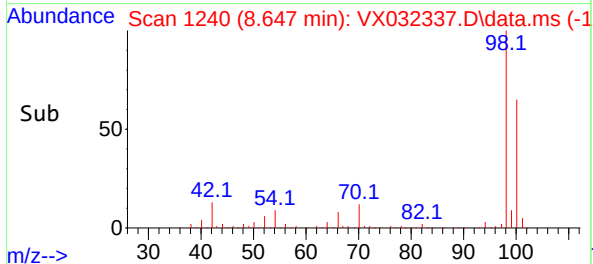
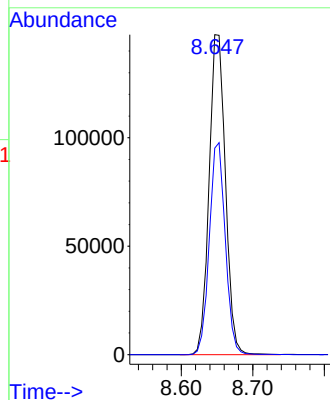
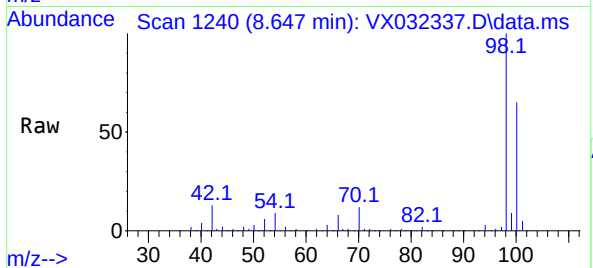
FSND-MW-28-20221019DL

Tgt Ion: 98 Resp: 234229

Ion Ratio Lower Upper

98 100

100 64.7 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 0.678 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032337.D

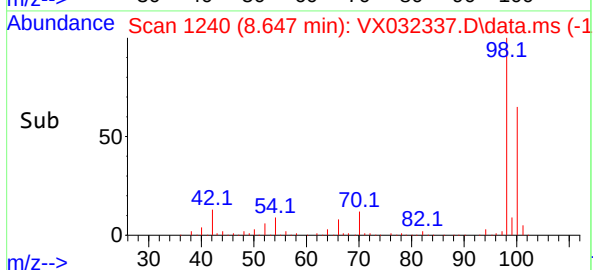
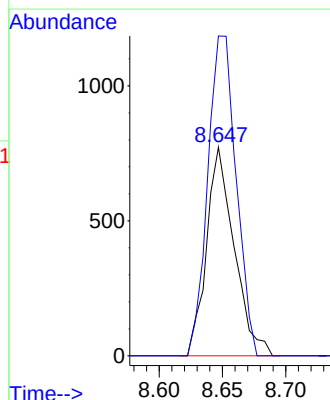
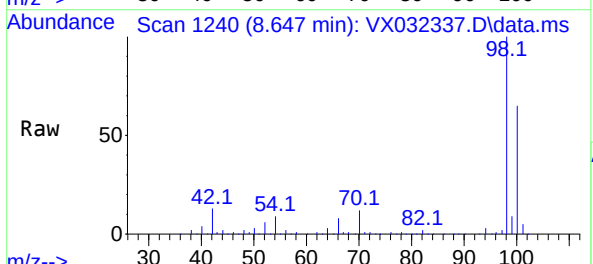
Acq: 24 Oct 2022 14:00

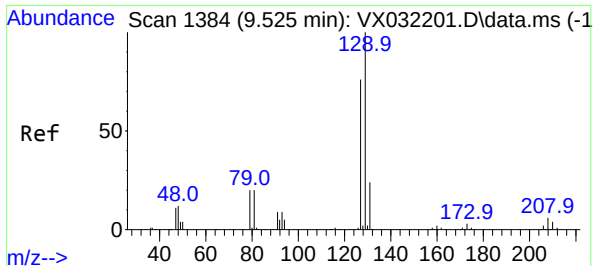
Tgt Ion: 43 Resp: 1177

Ion Ratio Lower Upper

43 100

58 157.5 31.0 46.4#

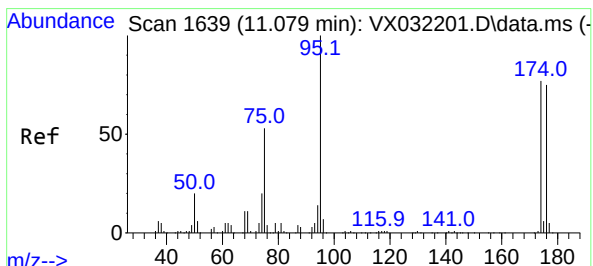
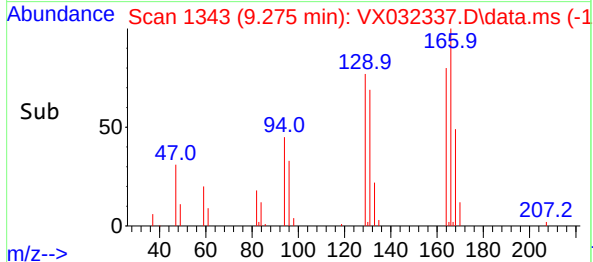
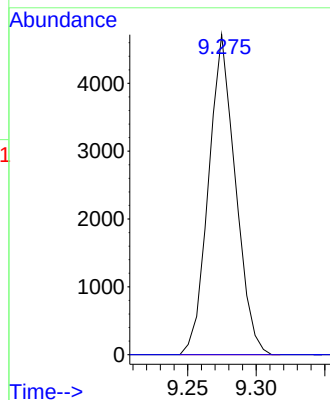
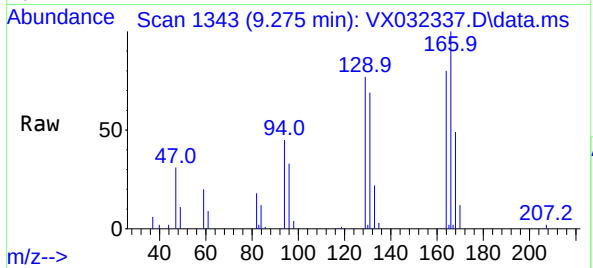




#60
Dibromochloromethane
Concen: 4.574 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032337.D
Acq: 24 Oct 2022 14:00

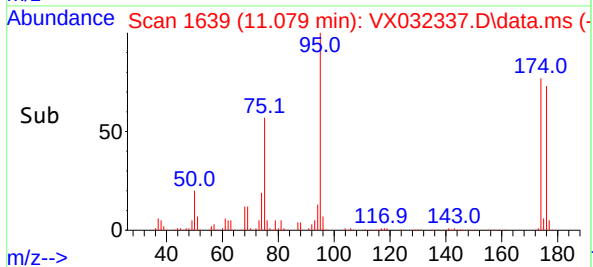
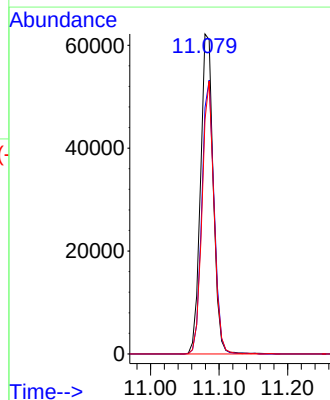
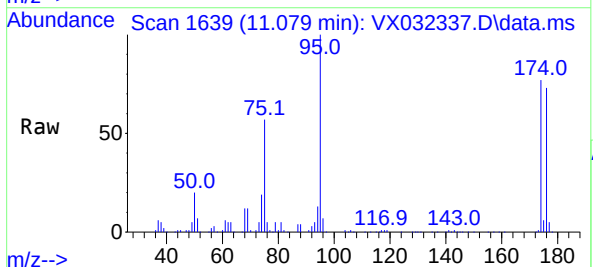
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-28-20221019DL

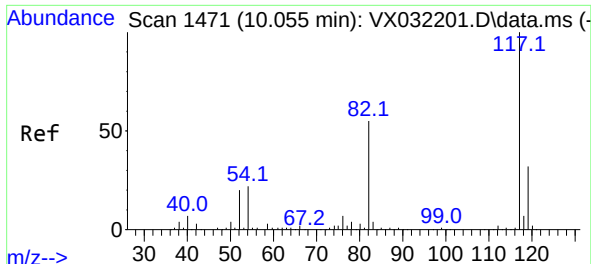
Tgt Ion:129 Resp: 6440
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 43.610 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032337.D
Acq: 24 Oct 2022 14:00

Tgt Ion: 95 Resp: 80499
Ion Ratio Lower Upper
95 100
174 82.7 0.0 166.8
176 79.9 0.0 161.4

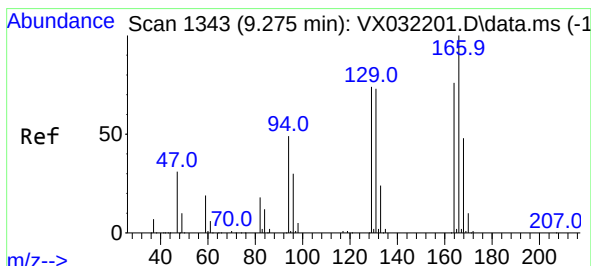
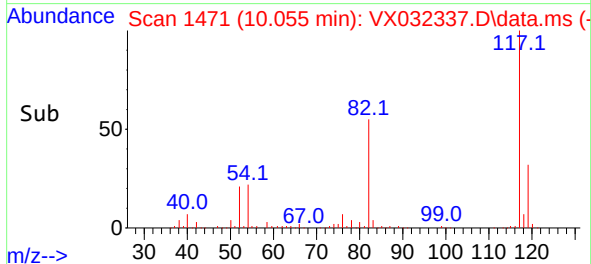
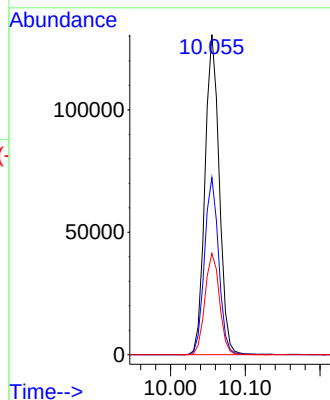
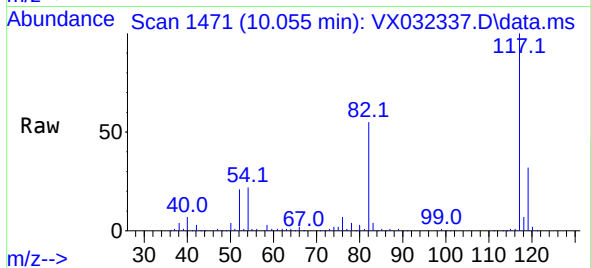




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032337.D
Acq: 24 Oct 2022 14:00

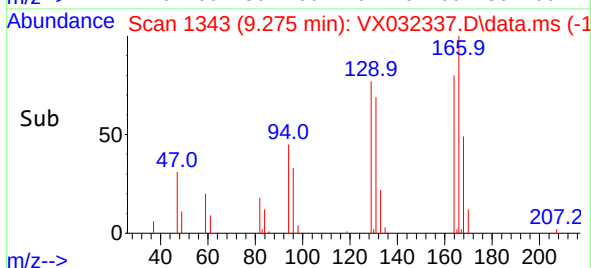
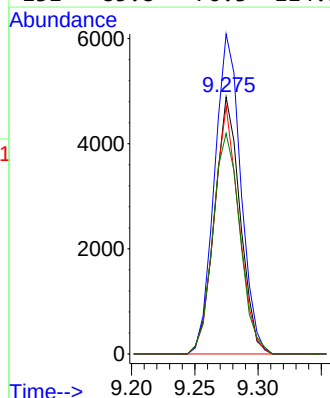
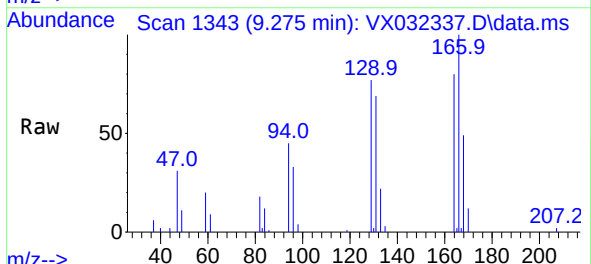
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-28-20221019DL

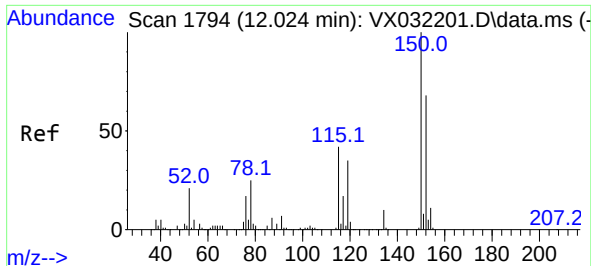
Tgt Ion:117 Resp: 173423
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.4
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 6.004 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032337.D
Acq: 24 Oct 2022 14:00

Tgt Ion:164 Resp: 6876
Ion Ratio Lower Upper
164 100
166 124.5 104.9 157.3
129 96.5 77.8 116.6
131 85.8 76.3 114.5

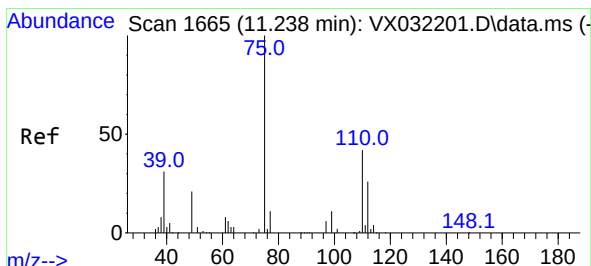
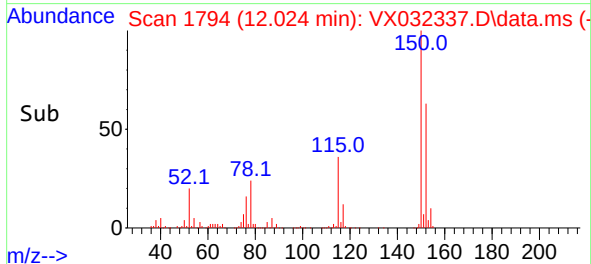
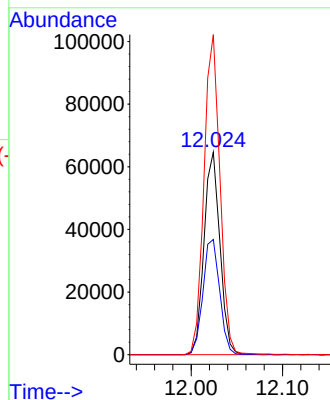
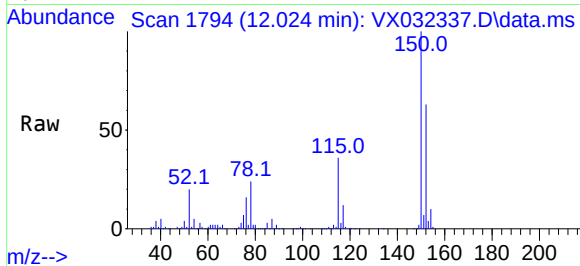




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032337.D
Acq: 24 Oct 2022 14:00

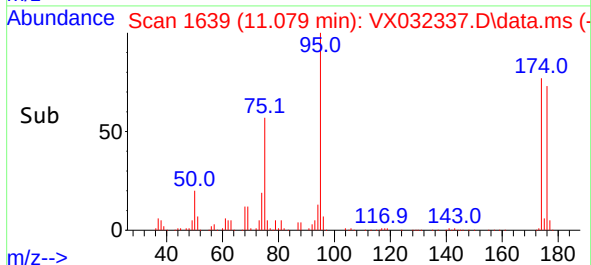
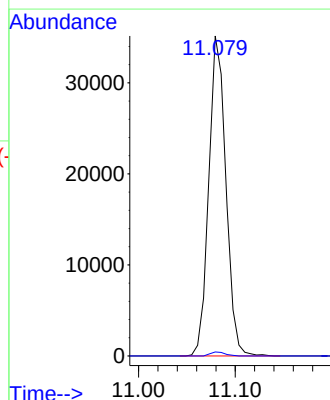
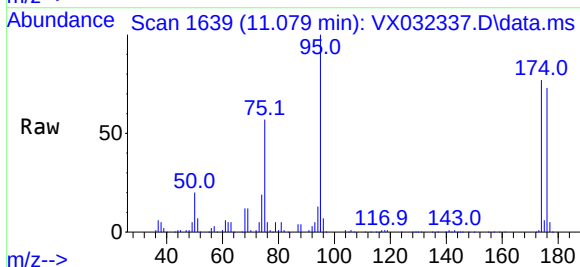
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-28-20221019DL

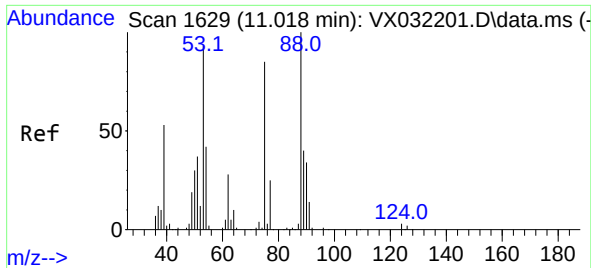
Tgt Ion:152 Resp: 78220
Ion Ratio Lower Upper
152 100
115 59.9 43.1 129.4
150 158.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 27.944 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032337.D
Acq: 24 Oct 2022 14:00

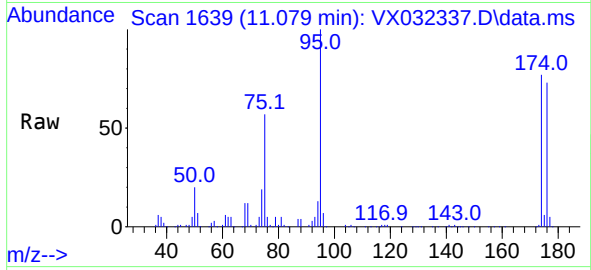
Tgt Ion: 75 Resp: 43309
Ion Ratio Lower Upper
75 100
77 1.1 16.0 47.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.703 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032337.D
Acq: 24 Oct 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-28-20221019DL



Tgt Ion: 75 Resp: 43309
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

