

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032498.D
 Acq On : 31 Oct 2022 19:13
 Operator : JC/MD
 Sample : N5249-04DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-29-20221019DL

Quant Time: Nov 01 05:17:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

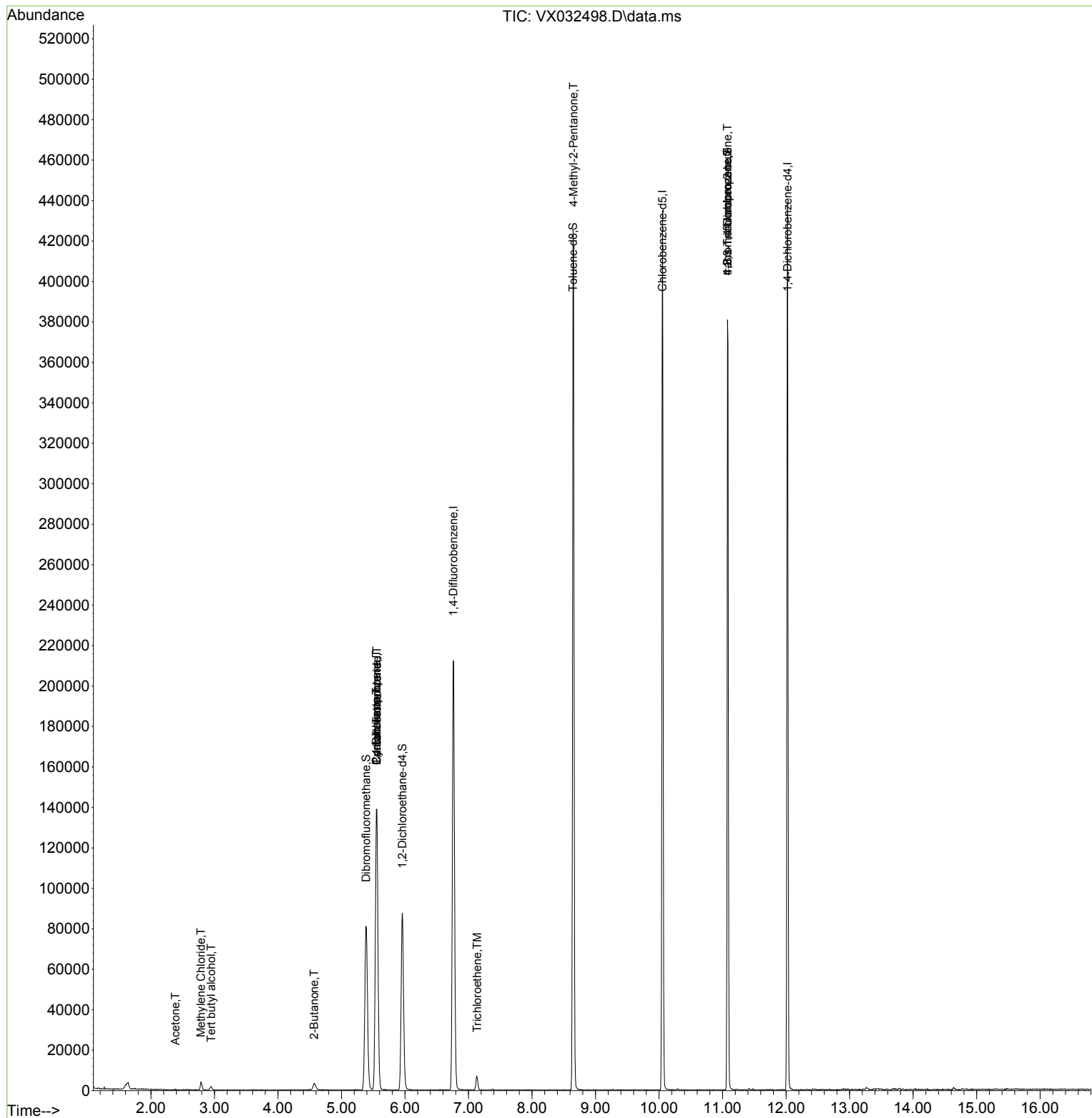
Internal Standards						
1) Pentafluorobenzene	5.556	168	131548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214655	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88066	48.181	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.360%		
35) Dibromofluoromethane	5.385	113	70681	46.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.320%		
50) Toluene-d8	8.647	98	256621	48.199	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.400%		
62) 4-Bromofluorobenzene	11.079	95	97489	46.875	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.760%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	1103	4.146	ug/l #	72
16) Acetone	2.386	43	473	0.712	ug/l #	85
20) Methylene Chloride	2.788	84	1929	1.266	ug/l	92
25) 2-Butanone	4.568	43	244	0.237	ug/l #	47
31) Cyclohexane	5.550	56	2827	1.276	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	10483	4.917	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13736	5.808	ug/l #	17
44) Trichloroethene	7.135	130	2634	1.551	ug/l	92
51) 4-Methyl-2-Pentanone	8.653	43	1032	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53630	27.129	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	53630	86.325	ug/l #	6

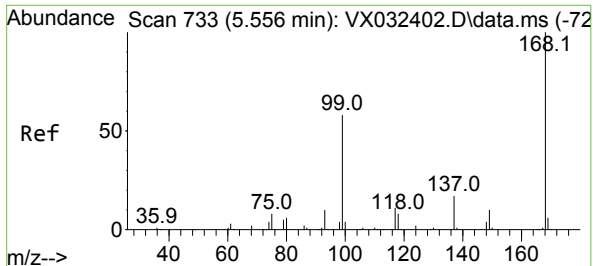
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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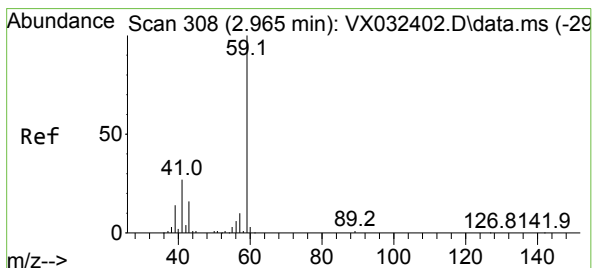
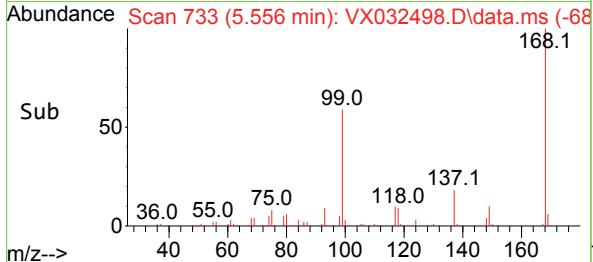
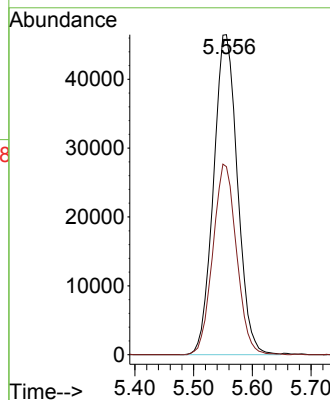
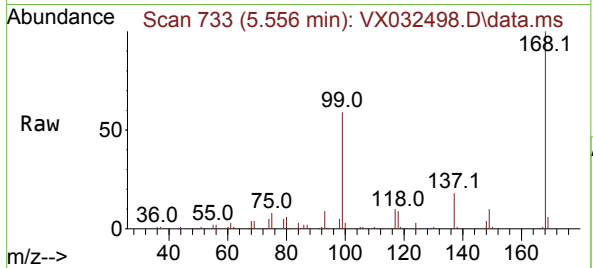




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032498.D
Acq: 31 Oct 2022 19:13

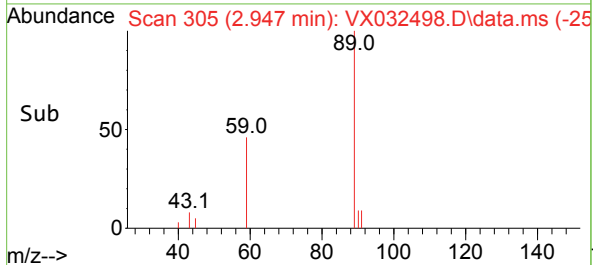
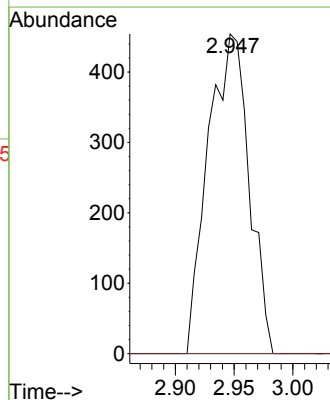
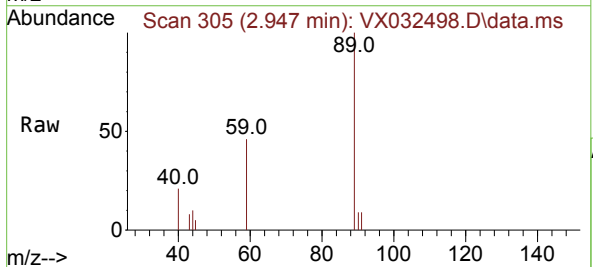
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-29-20221019DL

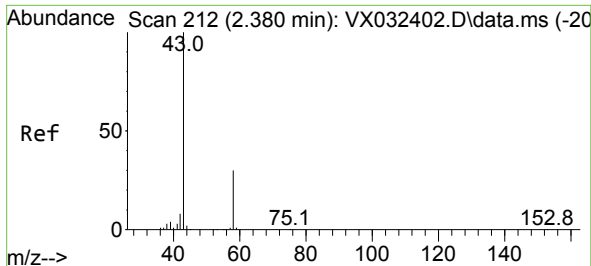
Tgt Ion:168 Resp: 131548
Ion Ratio Lower Upper
168 100
99 58.8 46.1 69.1



#11
Tert butyl alcohol
Concen: 4.146 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032498.D
Acq: 31 Oct 2022 19:13

Tgt Ion: 59 Resp: 1103
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

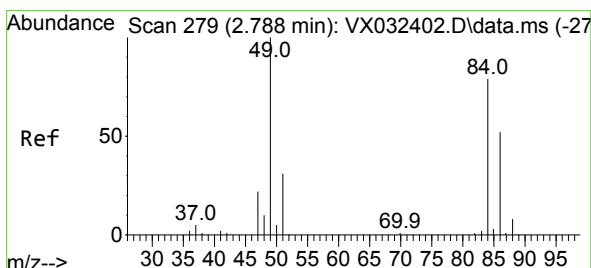
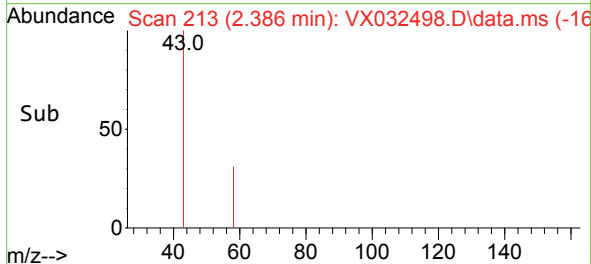
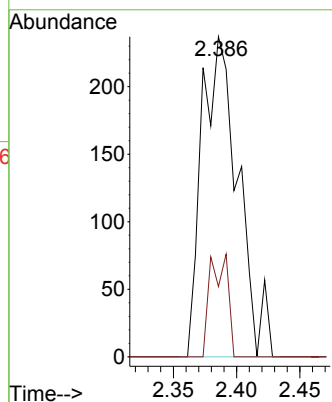
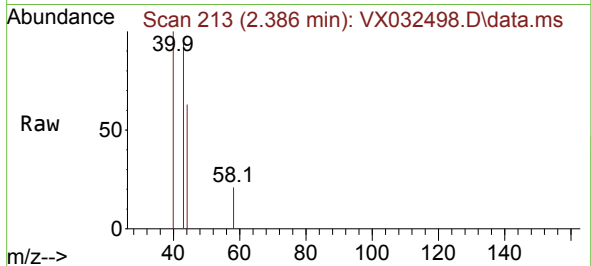




#16
Acetone
Concen: 0.712 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032498.D
Acq: 31 Oct 2022 19:13

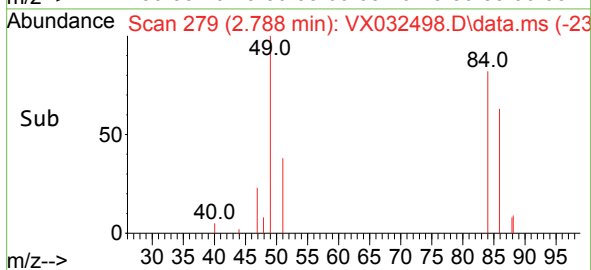
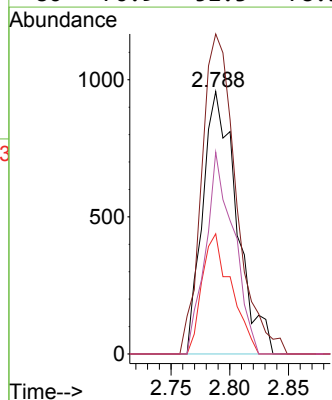
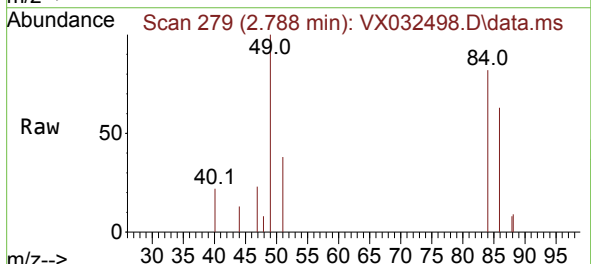
Instrument : MSVOA_X
ClientSampleId : FSND-MW-29-20221019DL

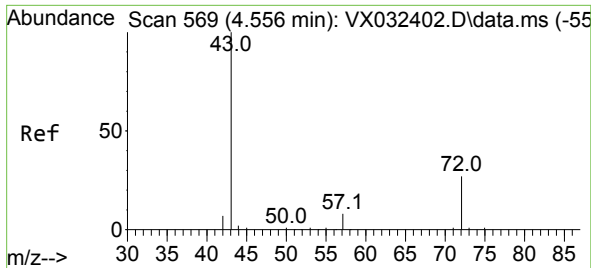
Tgt Ion: 43 Resp: 473
Ion Ratio Lower Upper
43 100
58 21.9 23.8 35.8#



#20
Methylene Chloride
Concen: 1.266 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032498.D
Acq: 31 Oct 2022 19:13

Tgt Ion: 84 Resp: 1929
Ion Ratio Lower Upper
84 100
49 121.9 101.0 151.6
51 45.8 31.1 46.7
86 76.9 52.3 78.5

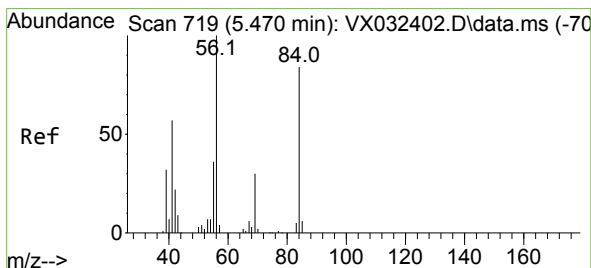
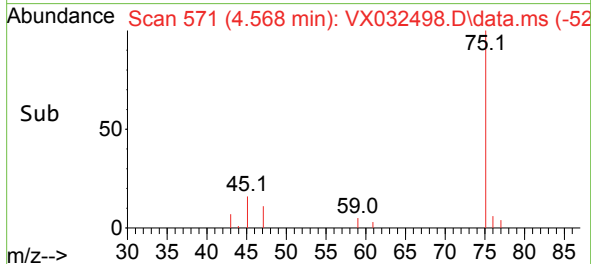
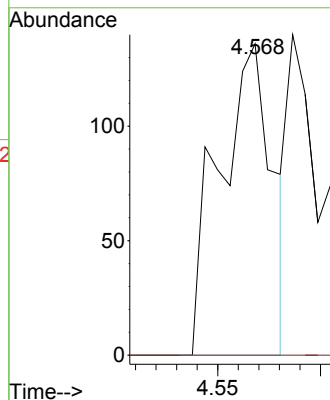
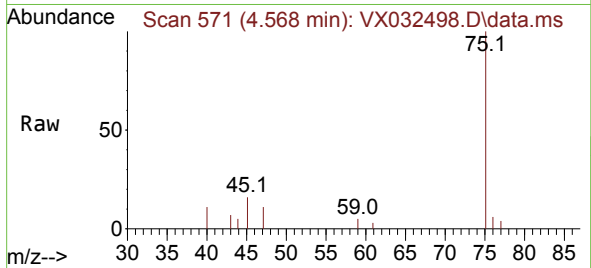




#25
2-Butanone
Concen: 0.237 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX032498.D
Acq: 31 Oct 2022 19:13

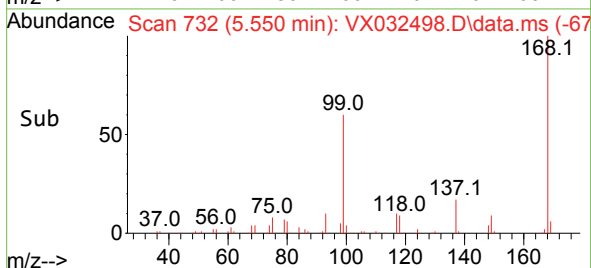
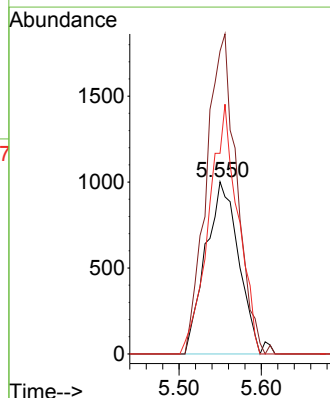
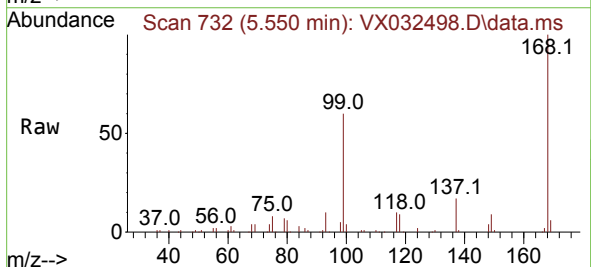
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-29-20221019DL

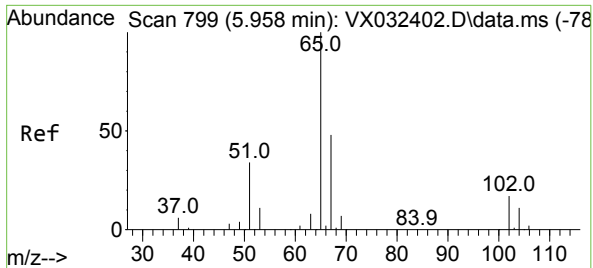
Tgt Ion: 43 Resp: 244
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#



#31
Cyclohexane
Concen: 1.276 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032498.D
Acq: 31 Oct 2022 19:13

Tgt Ion: 56 Resp: 2827
Ion Ratio Lower Upper
56 100
69 175.8 24.1 36.1#
84 116.5 66.9 100.3#

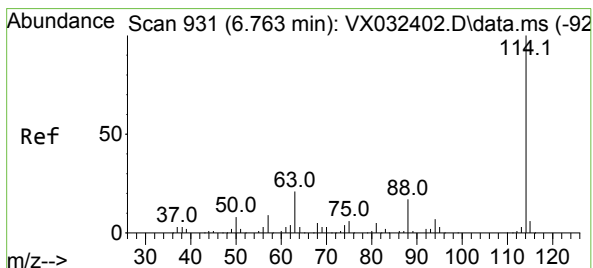
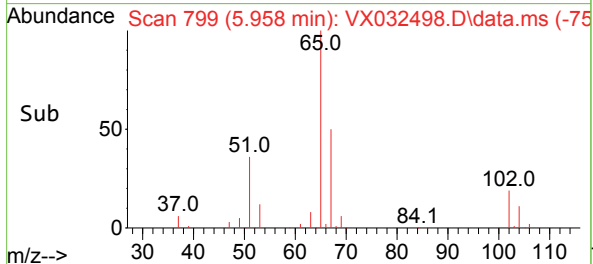
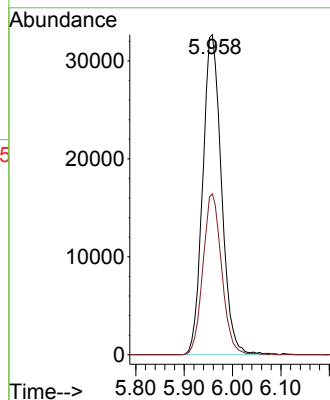
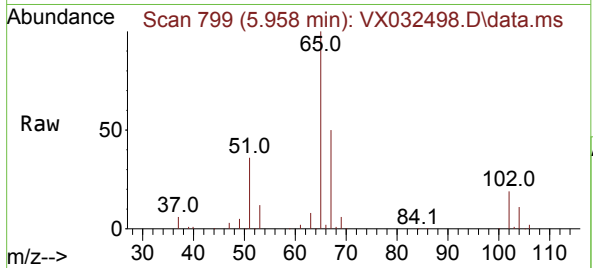




#33
 1,2-Dichloroethane-d4
 Concen: 48.181 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX032498.D
 Acq: 31 Oct 2022 19:13

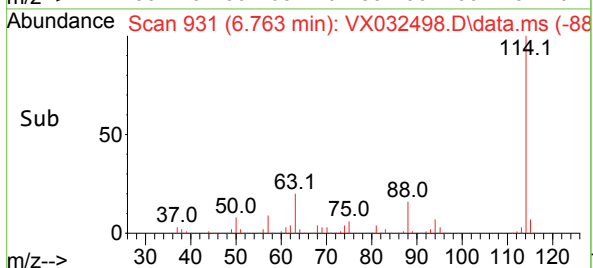
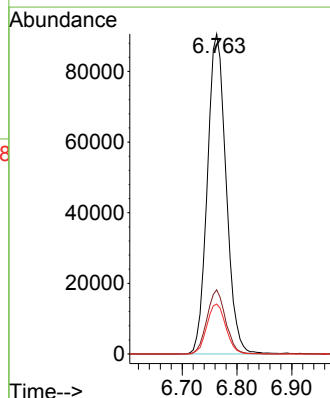
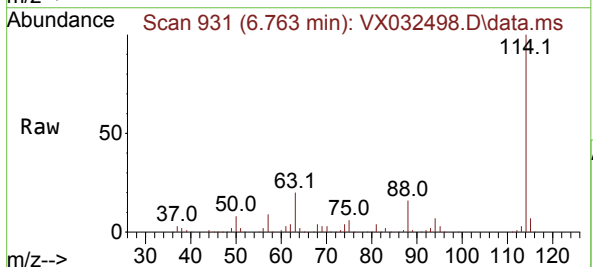
Instrument :
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 ClientSampleId :
 FSND-MW-29-20221019DL

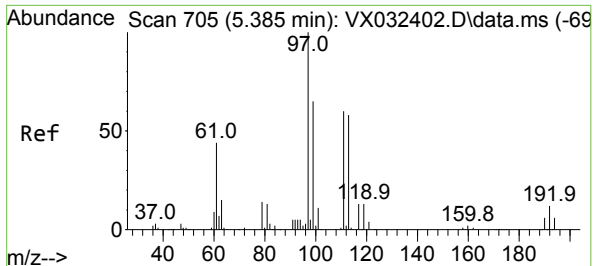
Tgt Ion: 65 Resp: 88066
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032498.D
 Acq: 31 Oct 2022 19:13

Tgt Ion: 114 Resp: 214655
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.6
 88 15.6 0.0 33.4

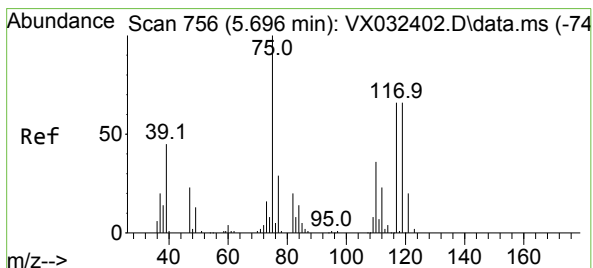
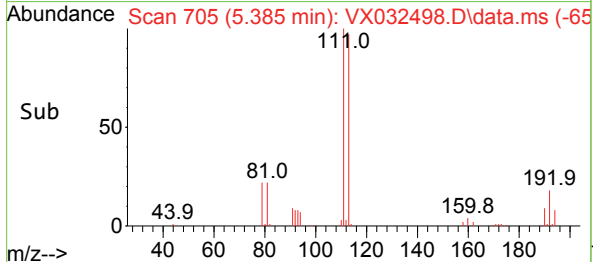
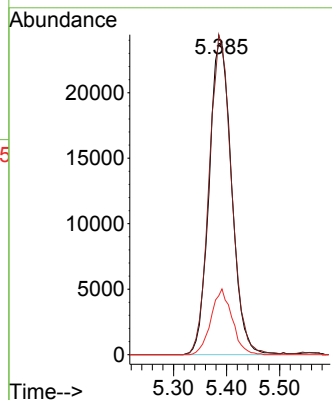
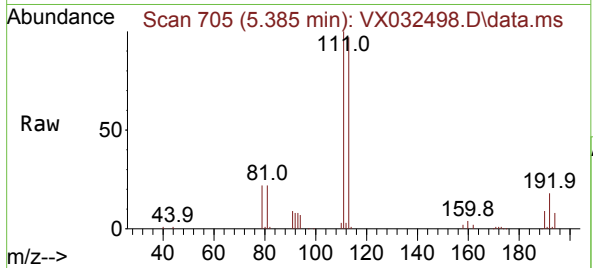




#35
Dibromofluoromethane
Concen: 46.162 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032498.D
Acq: 31 Oct 2022 19:13

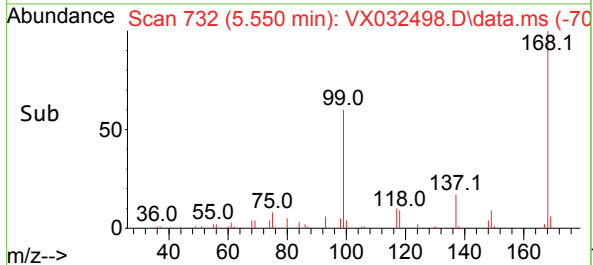
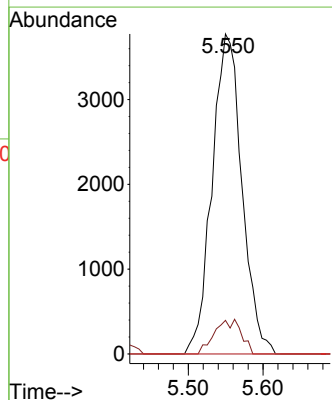
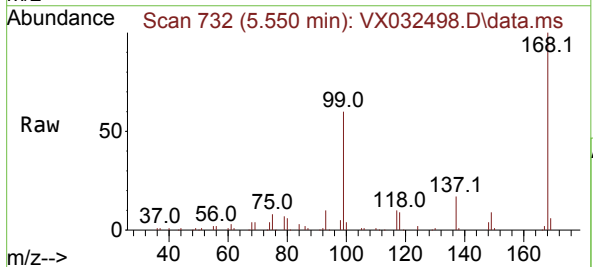
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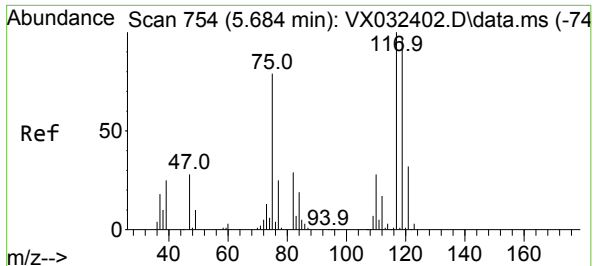
Tgt Ion:113 Resp: 70681
Ion Ratio Lower Upper
113 100
111 101.2 82.4 123.6
192 19.6 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.917 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032498.D
Acq: 31 Oct 2022 19:13

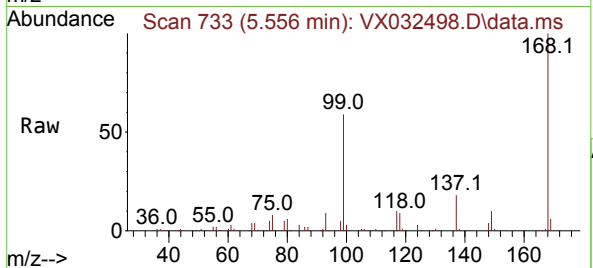
Tgt Ion: 75 Resp: 10483
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.2#
77 0.0 24.5 36.7#



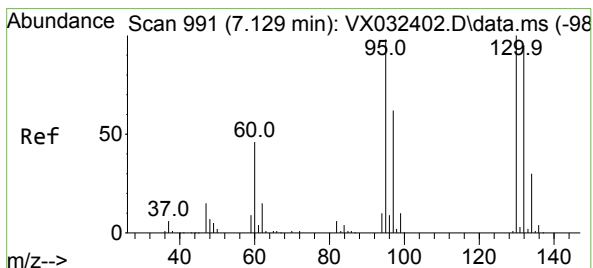
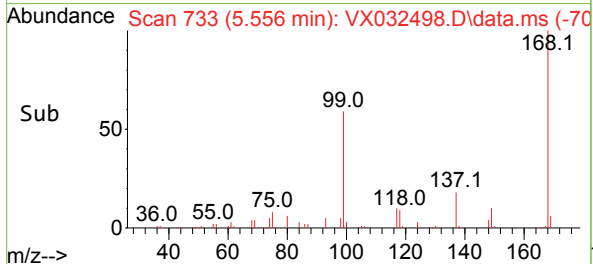
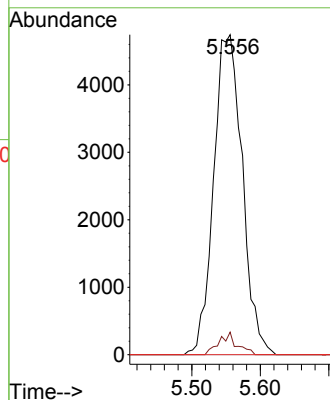


#38
Carbon Tetrachloride
Concen: 5.808 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032498.D
Acq: 31 Oct 2022 19:13

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-29-20221019DL

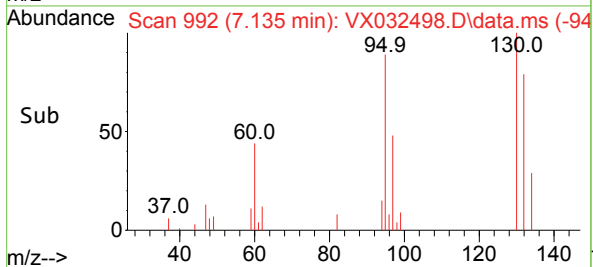
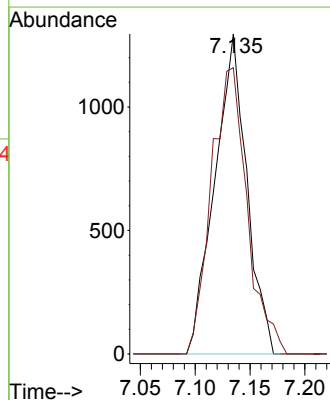
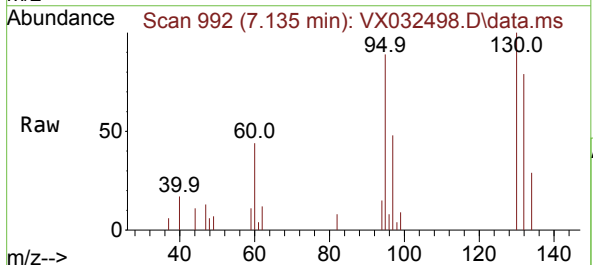


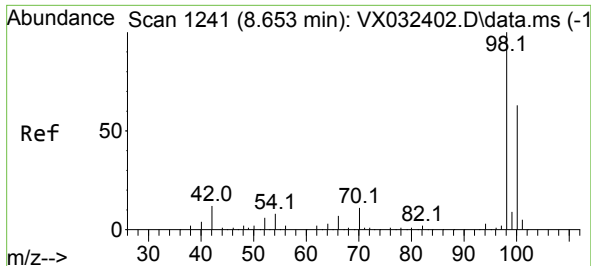
Tgt Ion:117 Resp: 13736
Ion Ratio Lower Upper
117 100
119 7.1 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 1.551 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX032498.D
Acq: 31 Oct 2022 19:13

Tgt Ion:130 Resp: 2634
Ion Ratio Lower Upper
130 100
95 89.4 0.0 195.2

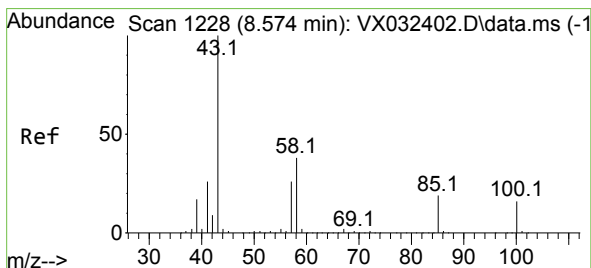
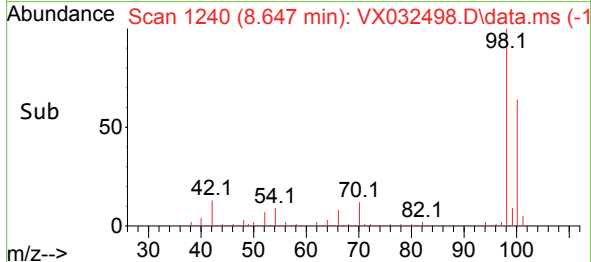
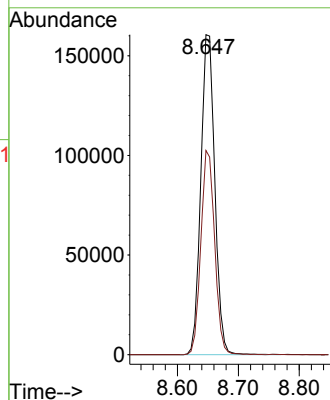
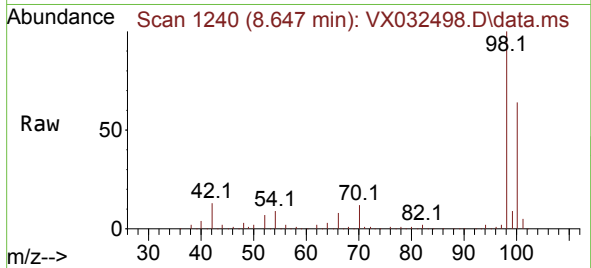




#50
Toluene-d8
Concen: 48.199 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032498.D
Acq: 31 Oct 2022 19:13

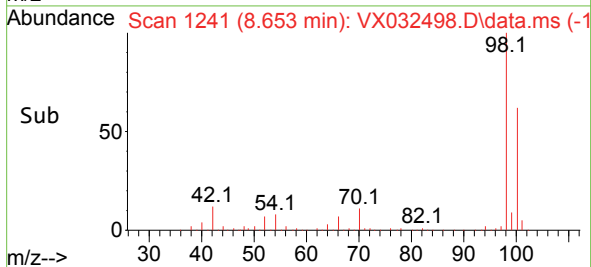
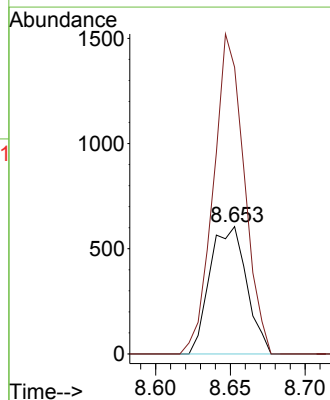
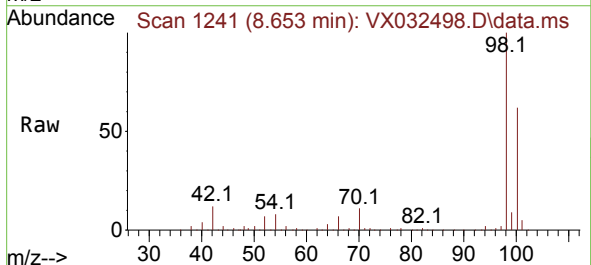
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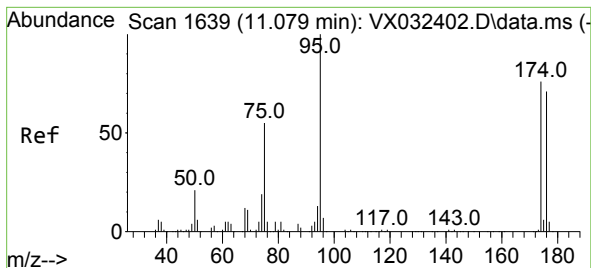
Tgt Ion: 98 Resp: 256621
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.481 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX032498.D
Acq: 31 Oct 2022 19:13

Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 211.3 30.9 46.3#

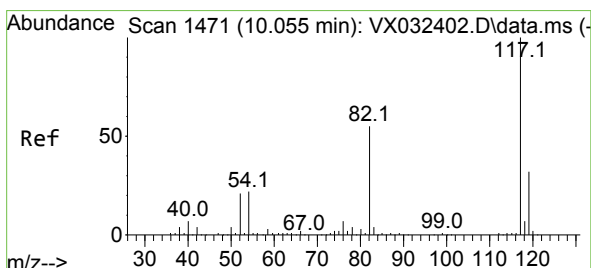
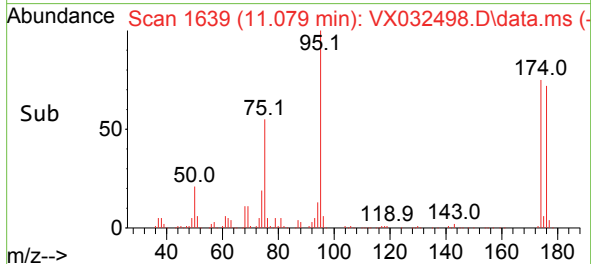
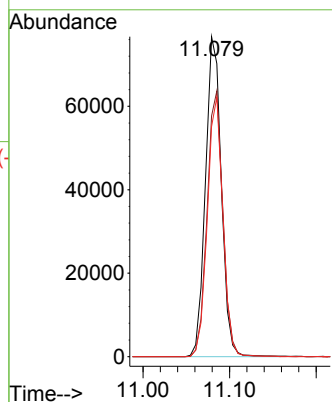
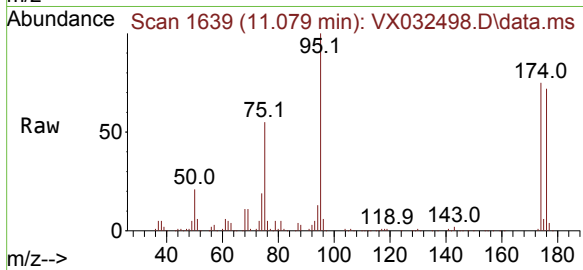




#62
4-Bromofluorobenzene
Concen: 46.875 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032498.D
Acq: 31 Oct 2022 19:13

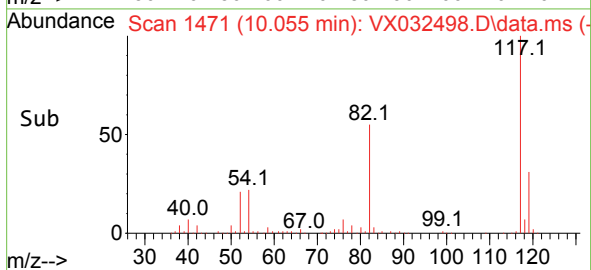
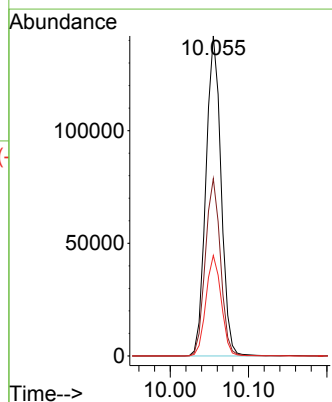
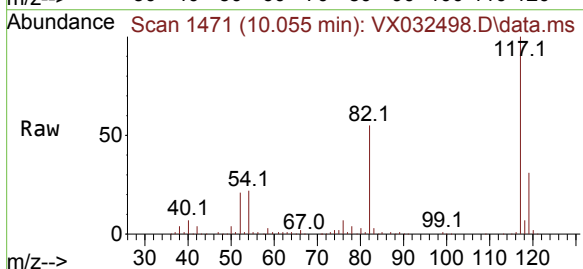
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-29-20221019DL

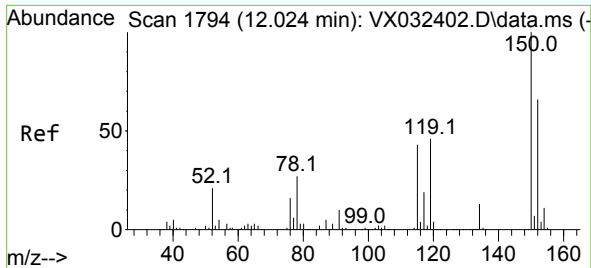
Tgt Ion: 95 Resp: 97489
Ion Ratio Lower Upper
95 100
174 82.8 0.0 164.0
176 79.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032498.D
Acq: 31 Oct 2022 19:13

Tgt Ion: 117 Resp: 190390
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 31.4 25.7 38.5

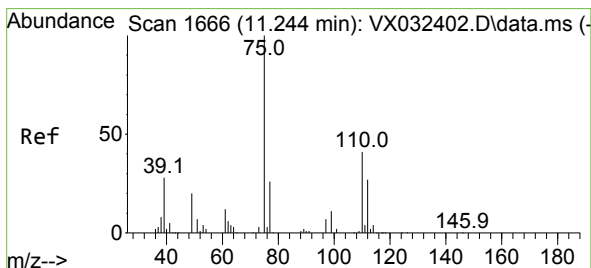
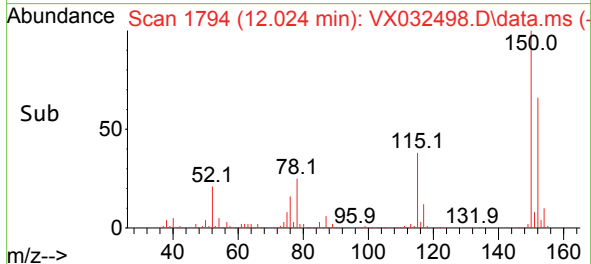
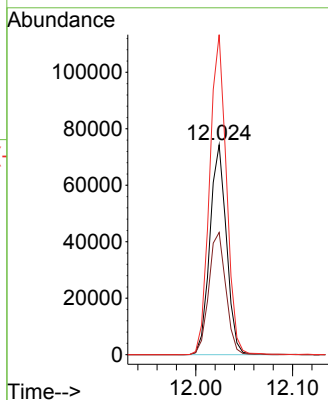
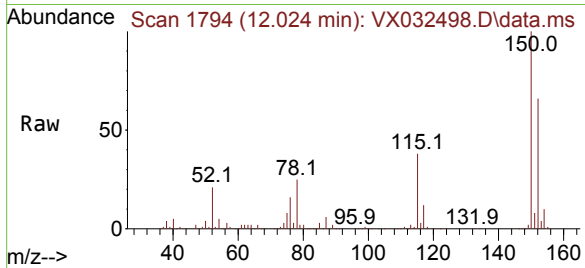




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032498.D
Acq: 31 Oct 2022 19:13

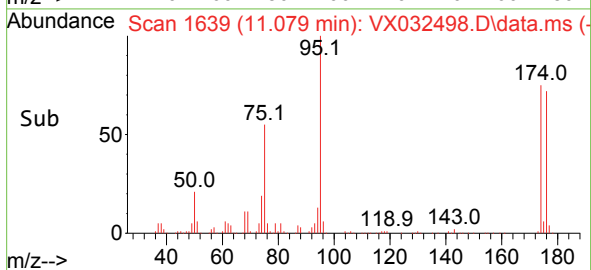
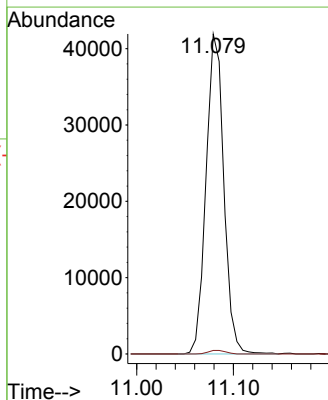
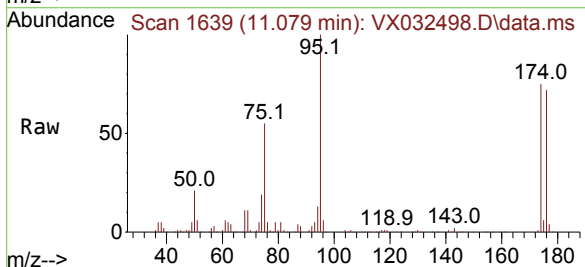
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-29-20221019DL

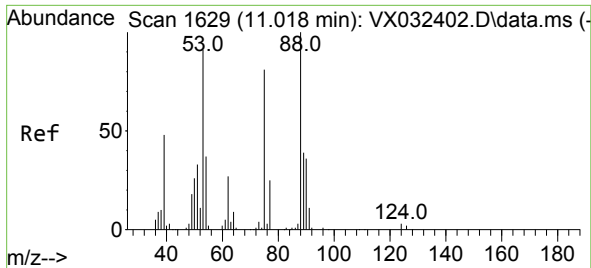
Tgt Ion:152 Resp: 88857
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 154.1 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.129 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032498.D
Acq: 31 Oct 2022 19:13

Tgt Ion: 75 Resp: 53630
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.325 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032498.D
 Acq: 31 Oct 2022 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-29-20221019DL

Tgt Ion: 75 Resp: 53630
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

