

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102722\
 Data File : VX032442.D
 Acq On : 27 Oct 2022 20:33
 Operator : JC/MD
 Sample : N5349-07DL 2X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-33-20221019DL

Quant Time: Oct 28 07:15:11 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)

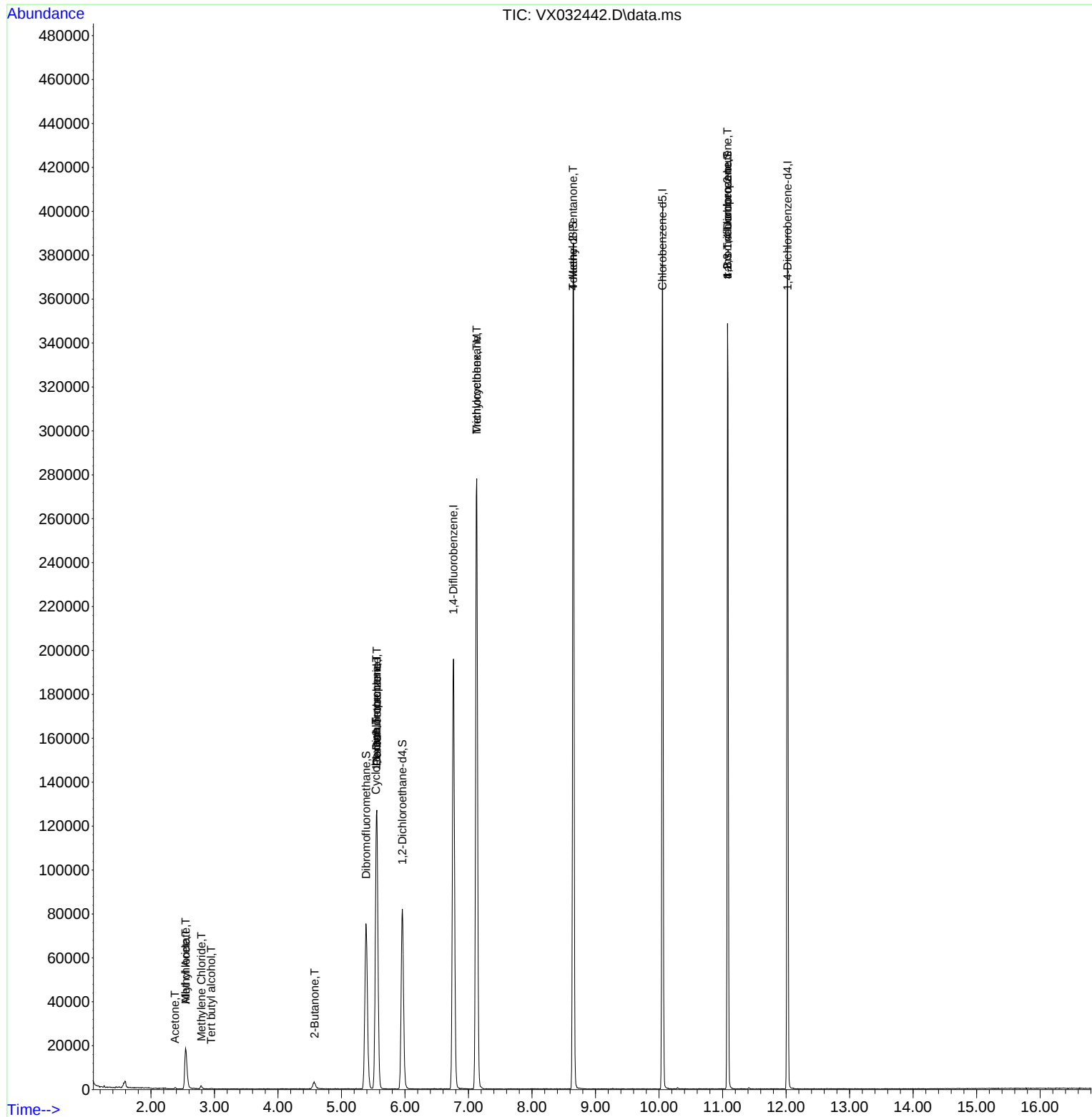
Internal Standards						
1) Pentafluorobenzene	5.556	168	120779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80419	47.920	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.840%		
35) Dibromofluoromethane	5.385	113	63686	45.548	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.100%		
50) Toluene-d8	8.647	98	231986	47.715	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.440%		
62) 4-Bromofluorobenzene	11.079	95	85433	44.985	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.960%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	199	0.815	ug/l #	72
14) Allyl chloride	2.544	41	2740	1.419	ug/l #	67
16) Acetone	2.380	43	575	0.943	ug/l #	82
18) Methyl Acetate	2.544	43	7826	3.946	ug/l #	51
20) Methylene Chloride	2.794	84	764	0.546	ug/l #	65
25) 2-Butanone	4.574	43	256	0.271	ug/l #	47
31) Cyclohexane	5.544	56	2921	1.436	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	9610	4.936	ug/l #	48
38) Carbon Tetrachloride	5.556	117	12574	5.822	ug/l #	15
39) Methylcyclohexane	7.129	83	1459	0.633	ug/l #	1
44) Trichloroethene	7.129	130	105408	67.958	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	1104	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46671	26.606	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46671	84.661	ug/l #	6

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

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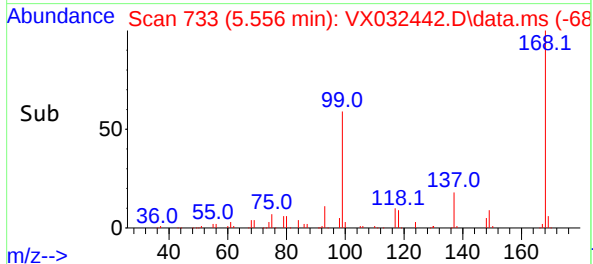
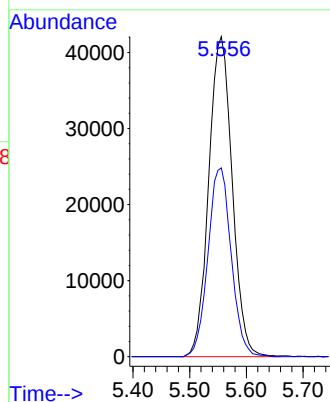
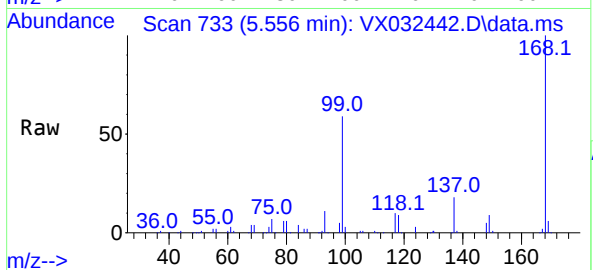




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

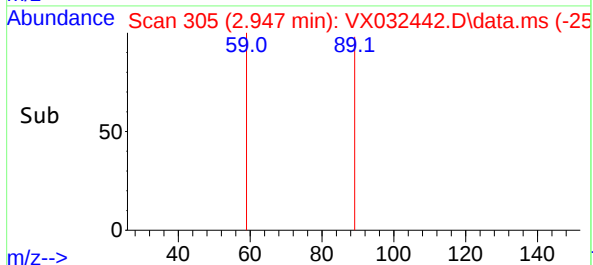
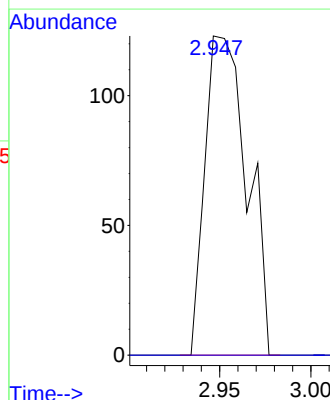
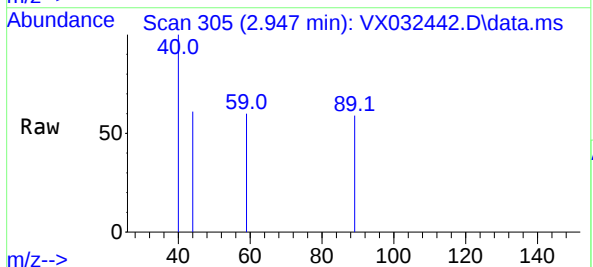
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-33-20221019DL

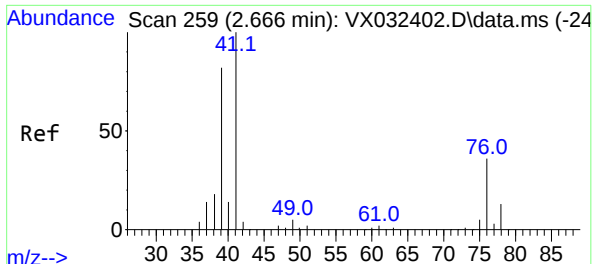
Tgt Ion:168 Resp: 120779
Ion Ratio Lower Upper
168 100
99 59.0 46.1 69.1



#11
Tert butyl alcohol
Concen: 0.815 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

Tgt Ion: 59 Resp: 199
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

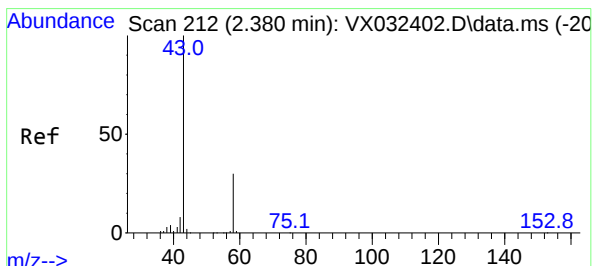
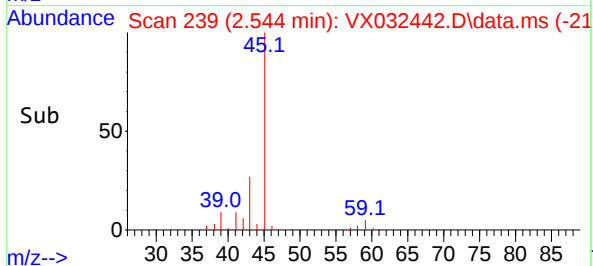
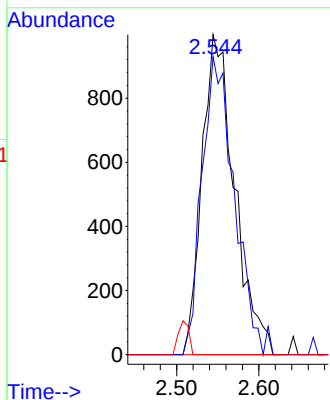
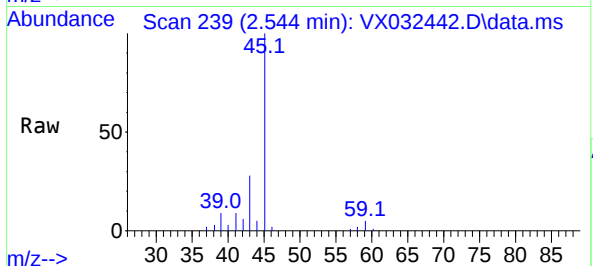




#14
 Allyl chloride
 Concen: 1.419 ug/l
 RT: 2.544 min Scan# 21
 Delta R.T. -0.122 min
 Lab File: VX032442.D
 Acq: 27 Oct 2022 20:33

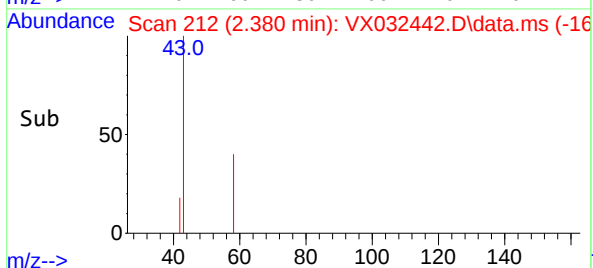
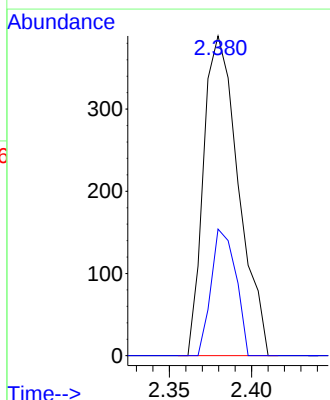
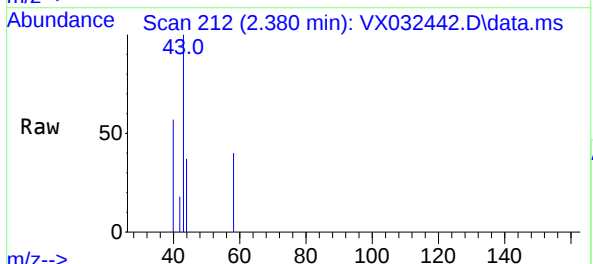
Instrument :
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 ClientSampleId :
 FSND-MW-33-20221019DL

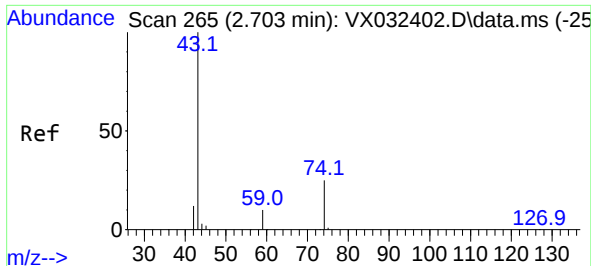
Tgt Ion: 41 Resp: 2740
 Ion Ratio Lower Upper
 41 100
 39 93.1 61.4 92.2#
 76 0.0 29.2 43.8#



#16
 Acetone
 Concen: 0.943 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VX032442.D
 Acq: 27 Oct 2022 20:33

Tgt Ion: 43 Resp: 575
 Ion Ratio Lower Upper
 43 100
 58 39.6 23.8 35.8#

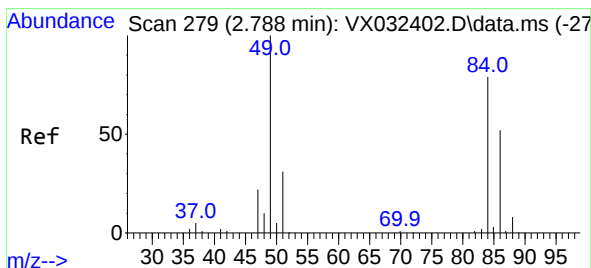
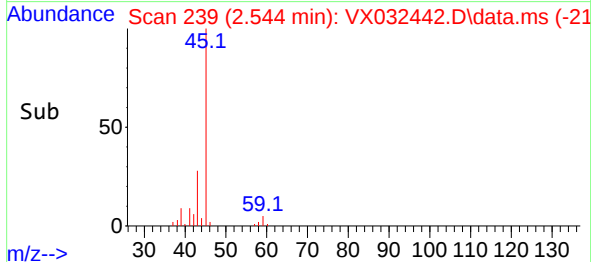
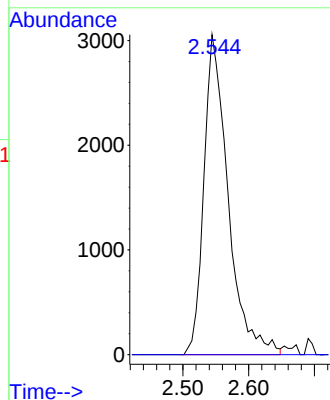
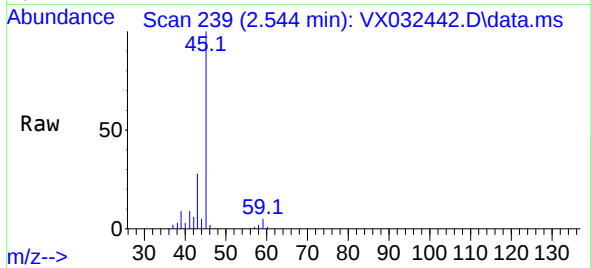




#18
Methyl Acetate
Concen: 3.946 ug/l
RT: 2.544 min Scan# 21
Delta R.T. -0.159 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

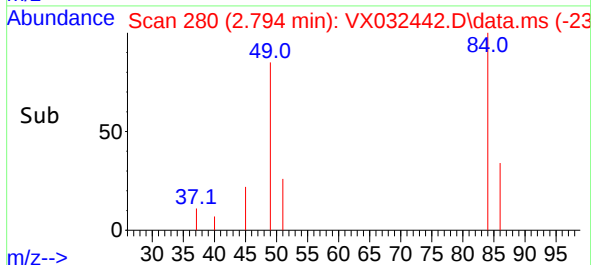
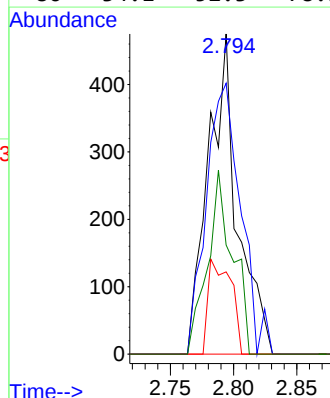
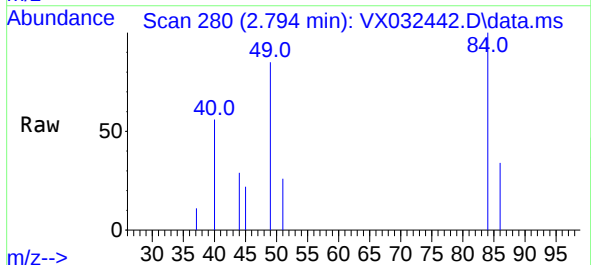
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-33-20221019DL

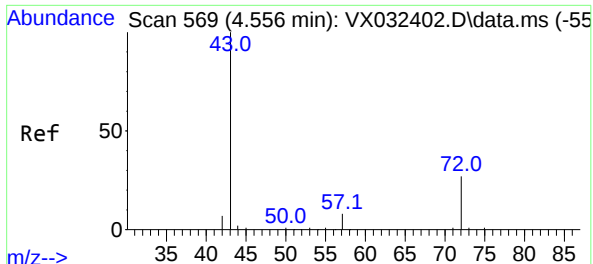
Tgt Ion: 43 Resp: 7826
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



#20
Methylene Chloride
Concen: 0.546 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

Tgt Ion: 84 Resp: 764
Ion Ratio Lower Upper
84 100
49 84.6 101.0 151.6#
51 25.7 31.1 46.7#
86 34.1 52.3 78.5#

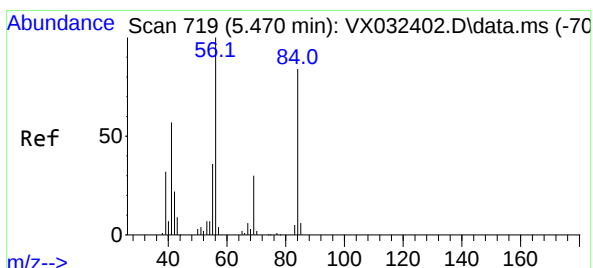
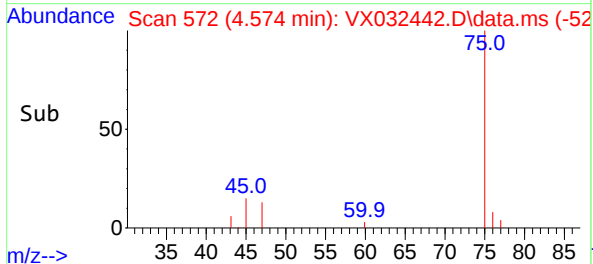
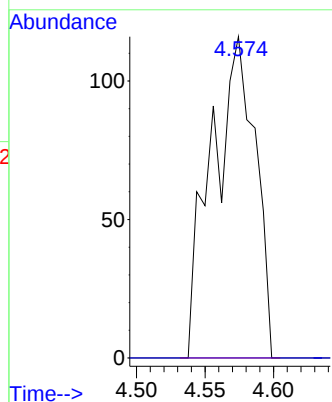
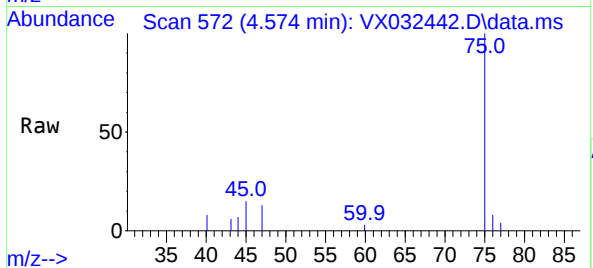




#25
2-Butanone
Concen: 0.271 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

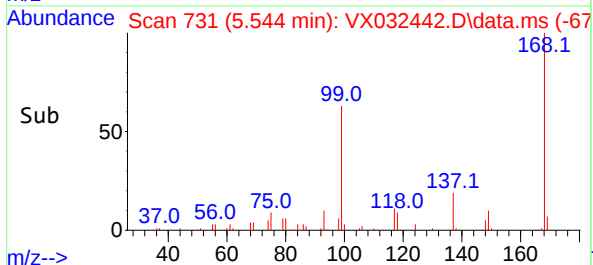
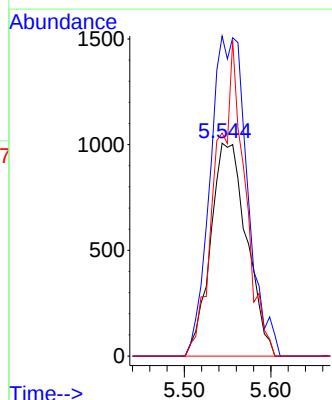
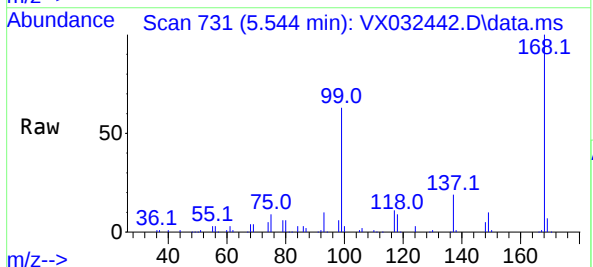
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-33-20221019DL

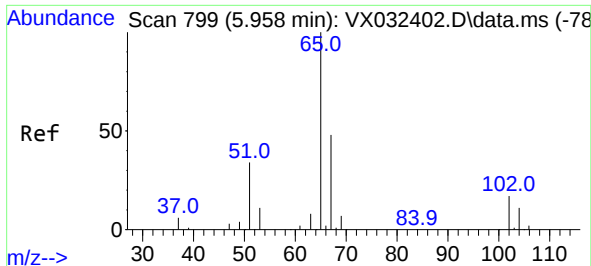
Tgt Ion: 43 Resp: 256
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#



#31
Cyclohexane
Concen: 1.436 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

Tgt Ion: 56 Resp: 2921
Ion Ratio Lower Upper
56 100
69 150.3 24.1 36.1#
84 104.8 66.9 100.3#

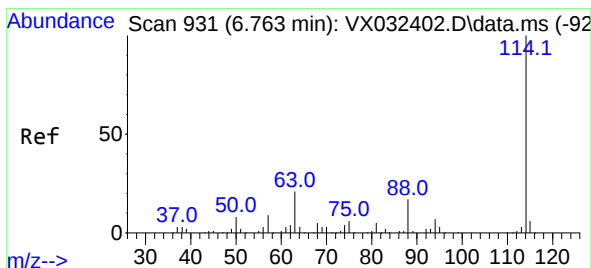
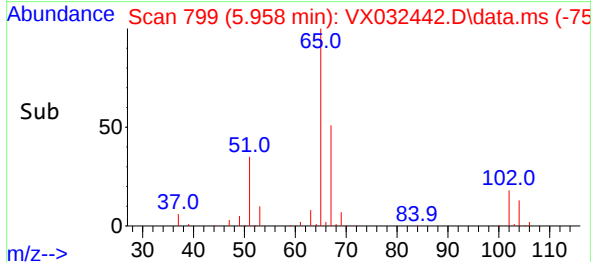
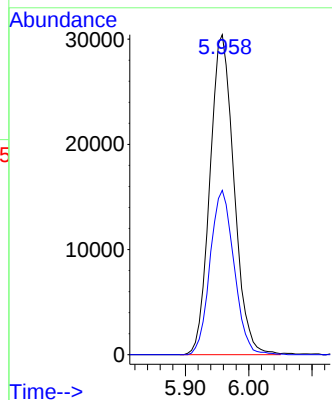
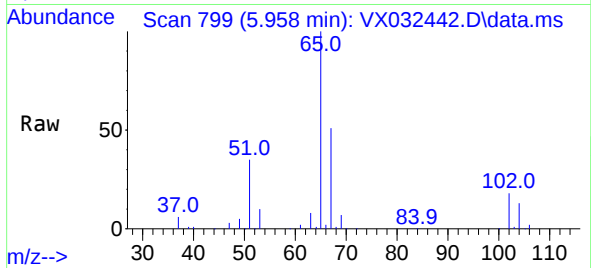




#33
1,2-Dichloroethane-d4
Concen: 47.920 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

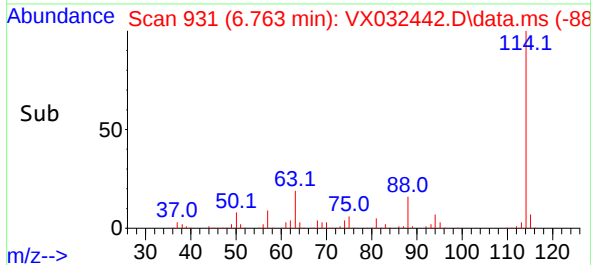
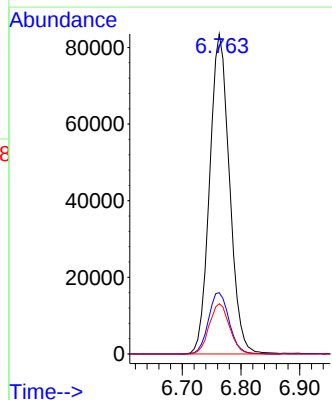
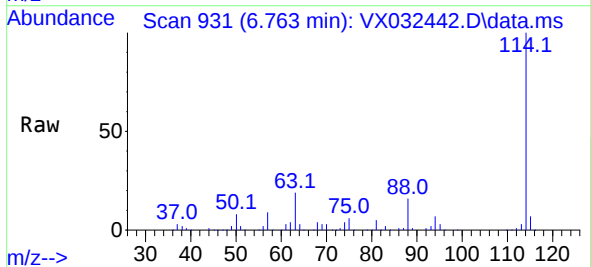
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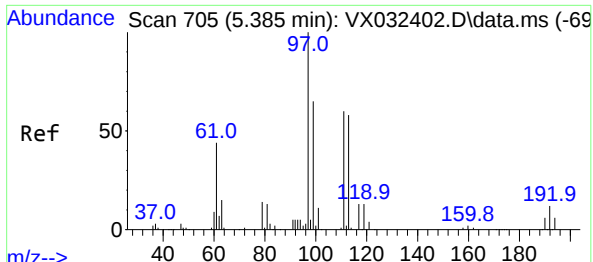
Tgt Ion: 65 Resp: 80419
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

Tgt Ion: 114 Resp: 196017
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.6
88 15.7 0.0 33.4

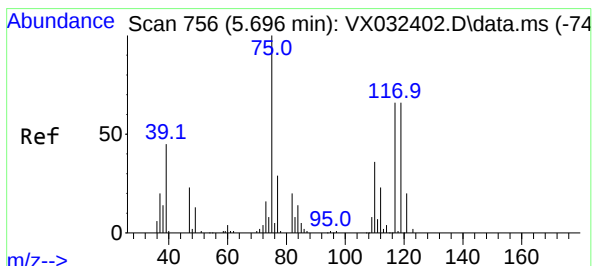
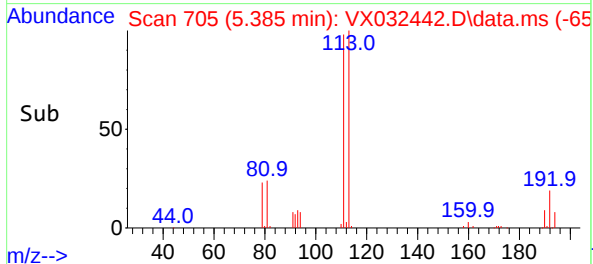
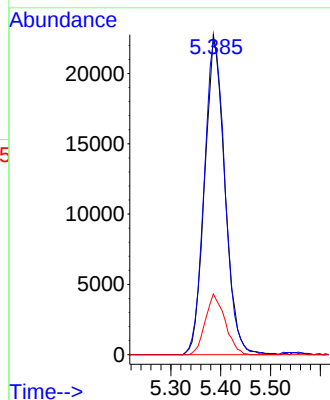
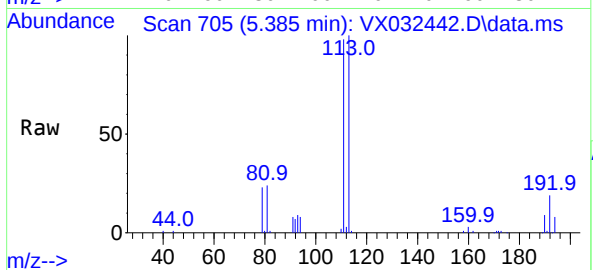




#35
Dibromofluoromethane
Concen: 45.548 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

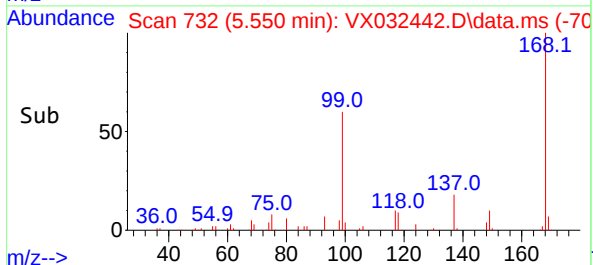
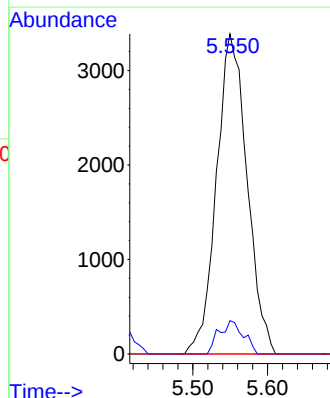
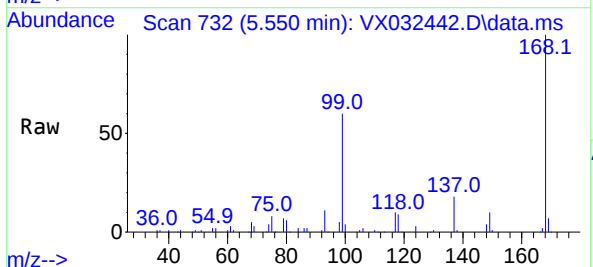
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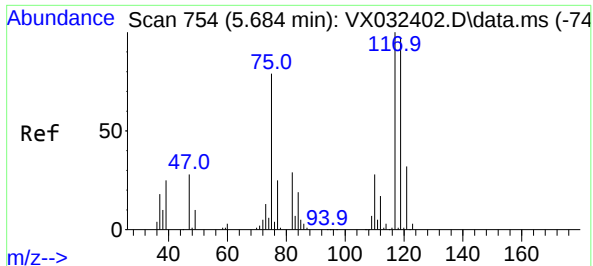
Tgt Ion:113 Resp: 63686
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 18.6 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.936 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

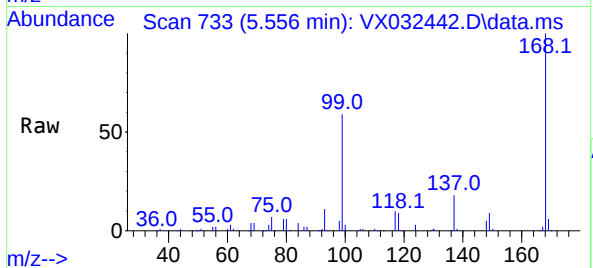
Tgt Ion: 75 Resp: 9610
Ion Ratio Lower Upper
75 100
110 8.3 18.4 55.2#
77 0.0 24.5 36.7#



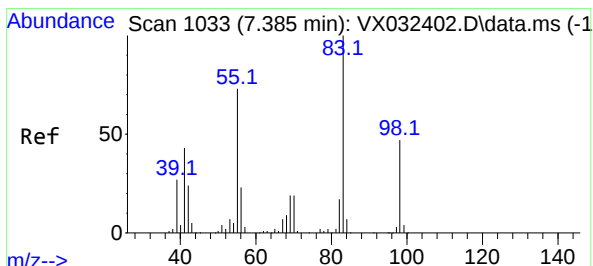
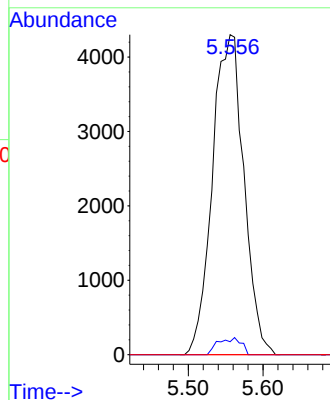
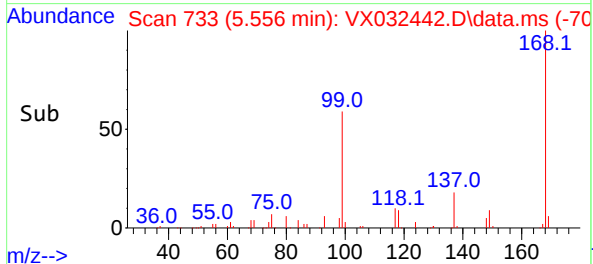


#38
Carbon Tetrachloride
Concen: 5.822 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-33-20221019DL

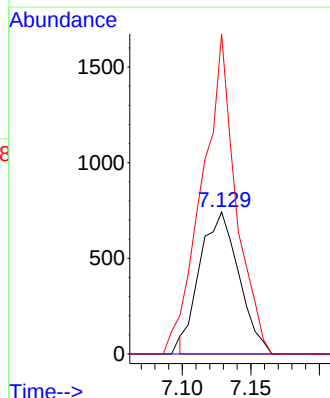
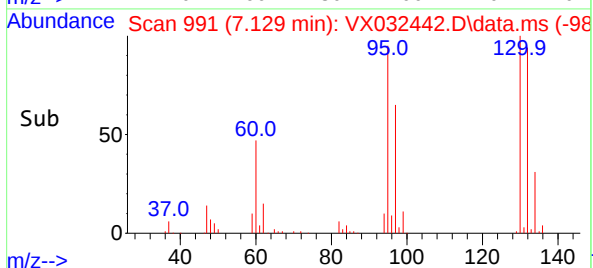
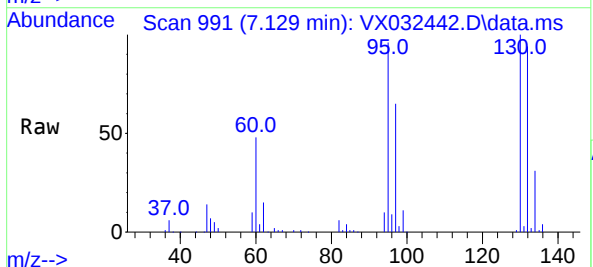


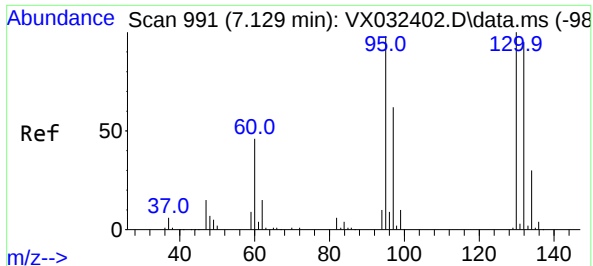
Tgt Ion:117 Resp: 12574
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 0.633 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

Tgt Ion: 83 Resp: 1459
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 225.5 37.2 55.8#

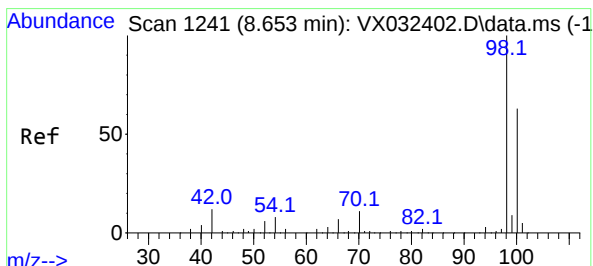
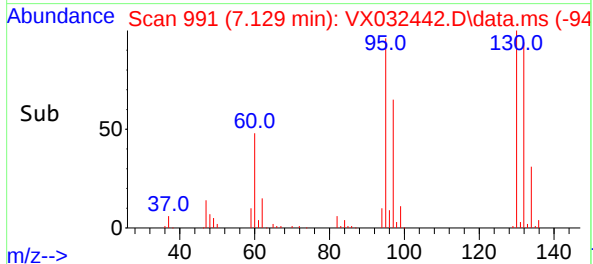
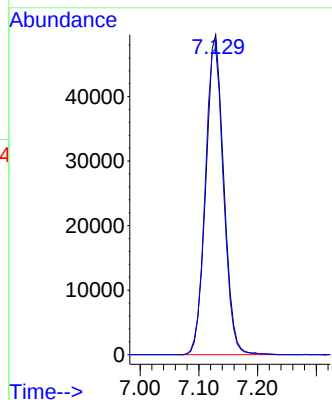
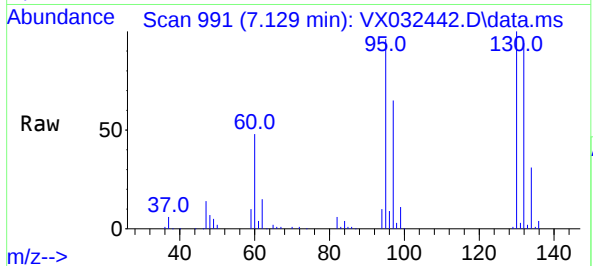




#44
Trichloroethene
Concen: 67.958 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

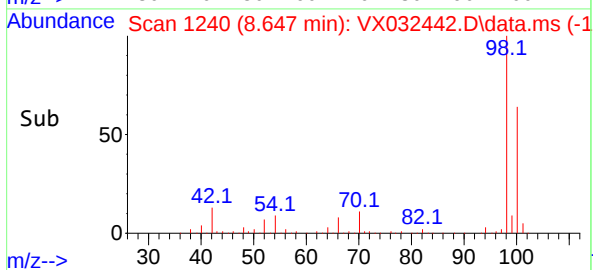
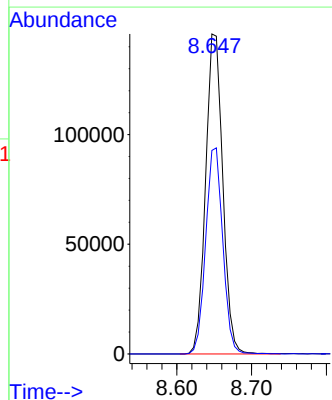
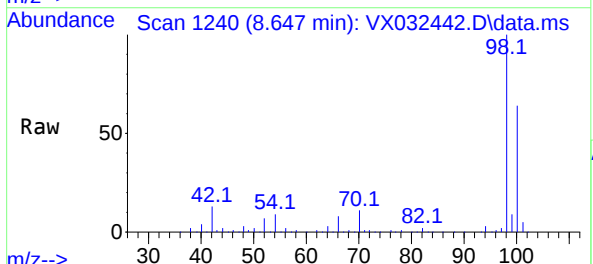
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-33-20221019DL

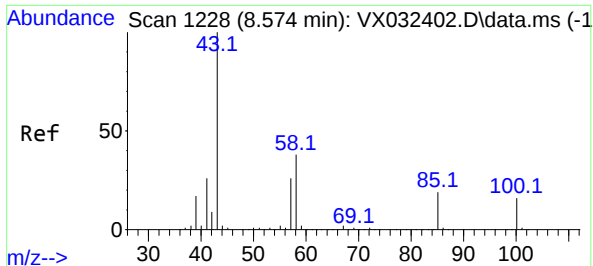
Tgt Ion:130 Resp: 105408
Ion Ratio Lower Upper
130 100
95 95.7 0.0 195.2



#50
Toluene-d8
Concen: 47.715 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

Tgt Ion: 98 Resp: 231986
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3

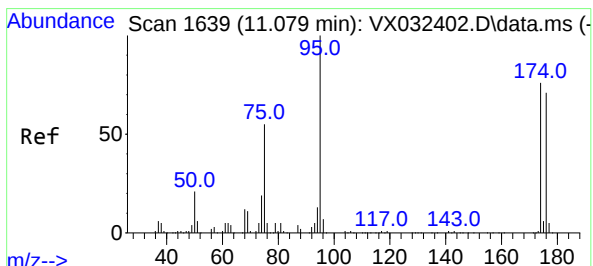
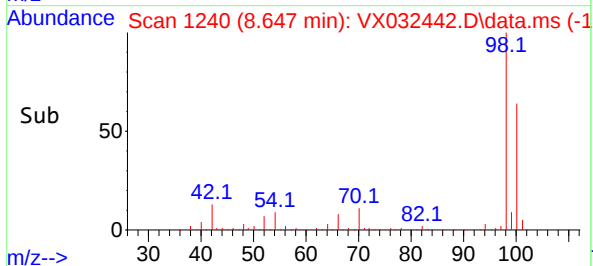
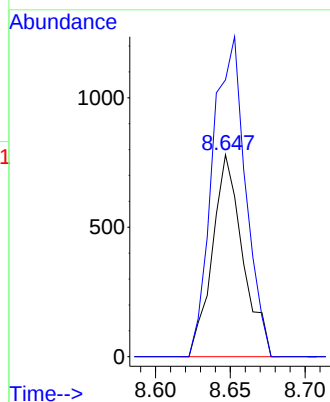
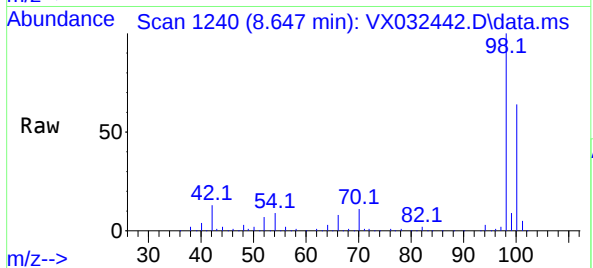




#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

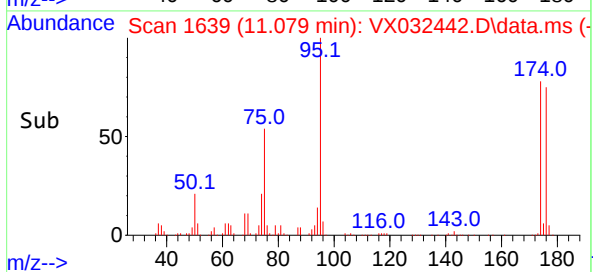
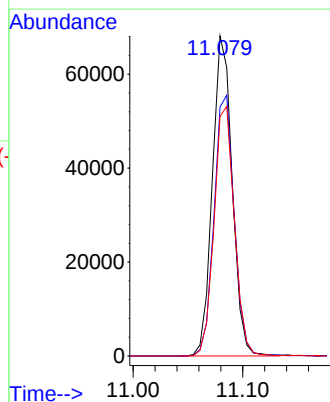
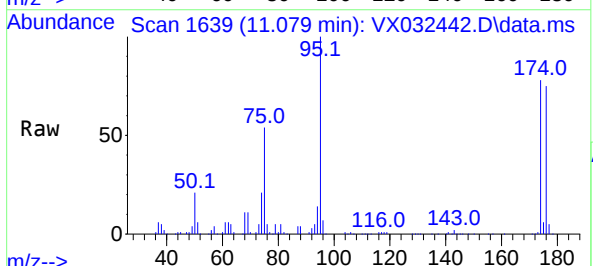
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-33-20221019DL

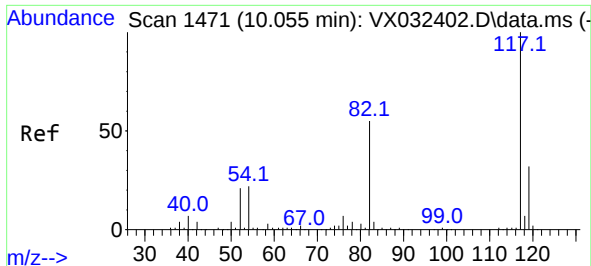
Tgt Ion: 43 Resp: 1104
Ion Ratio Lower Upper
43 100
58 172.0 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 44.985 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

Tgt Ion: 95 Resp: 85433
Ion Ratio Lower Upper
95 100
174 83.0 0.0 164.0
176 80.1 0.0 154.4

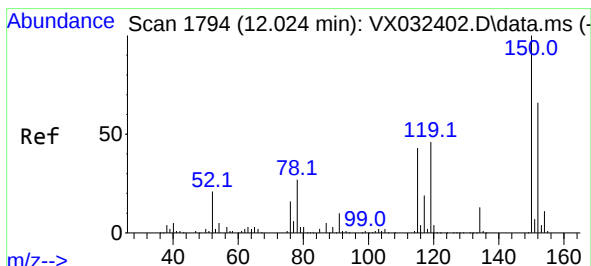
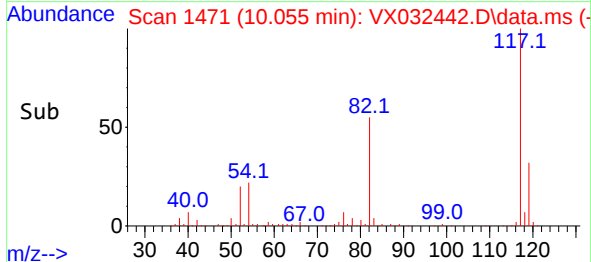
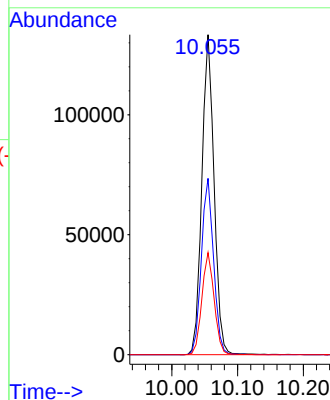
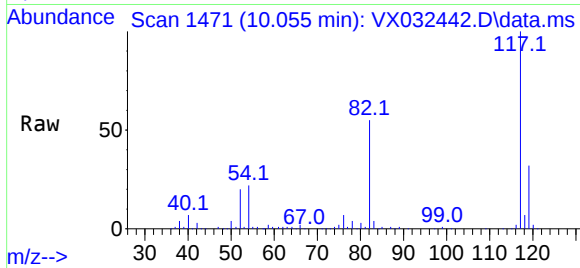




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

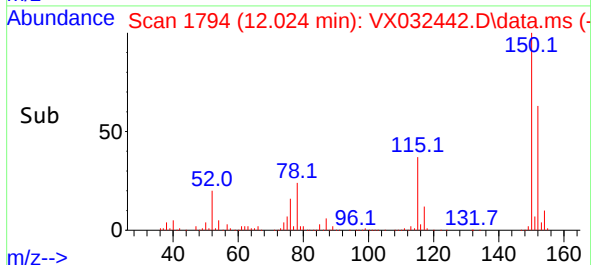
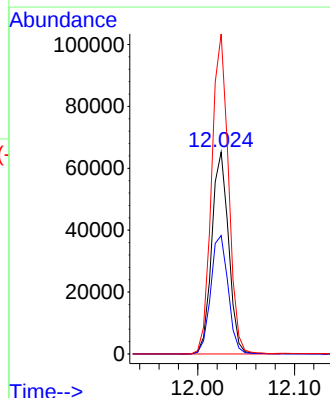
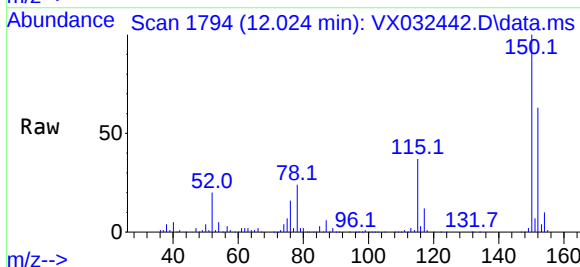
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-33-20221019DL

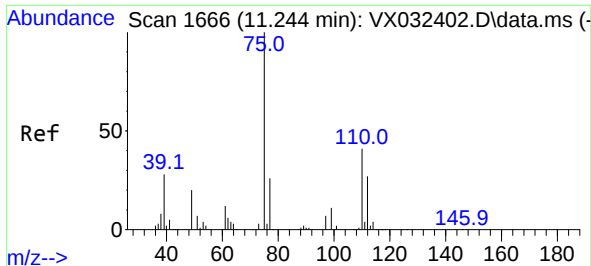
Tgt Ion:117 Resp: 172112
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

Tgt Ion:152 Resp: 78847
Ion Ratio Lower Upper
152 100
115 60.9 44.0 132.0
150 158.7 0.0 351.8

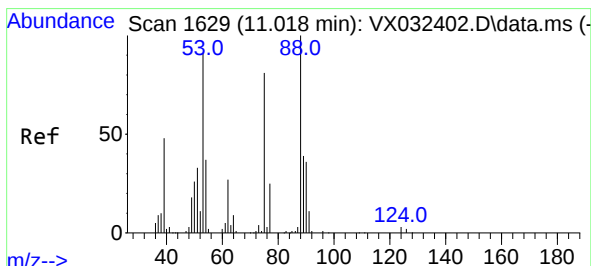
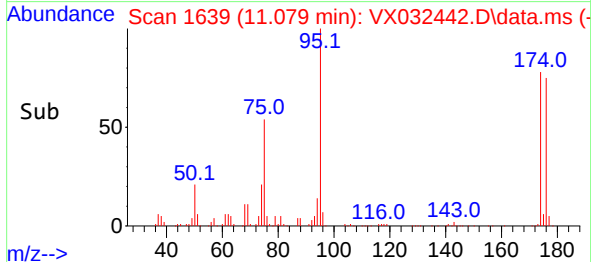
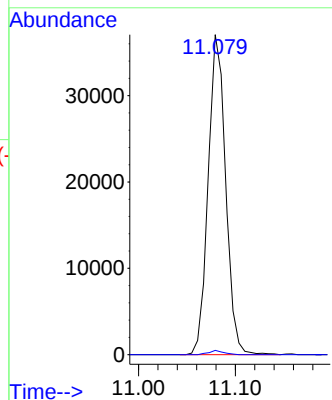
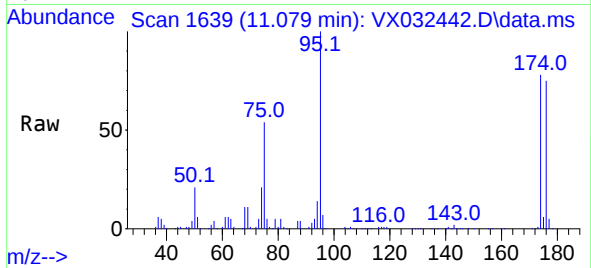




#76
1,2,3-Trichloropropane
Concen: 26.606 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-33-20221019DL

Tgt Ion: 75 Resp: 46671
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.661 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032442.D
Acq: 27 Oct 2022 20:33

Tgt Ion: 75 Resp: 46671
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

