

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038666.D
 Acq On : 08 Nov 2023 19:08
 Operator : JC/MD
 Sample : 05223-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-FD-1-20231030

Quant Time: Nov 09 01:22:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

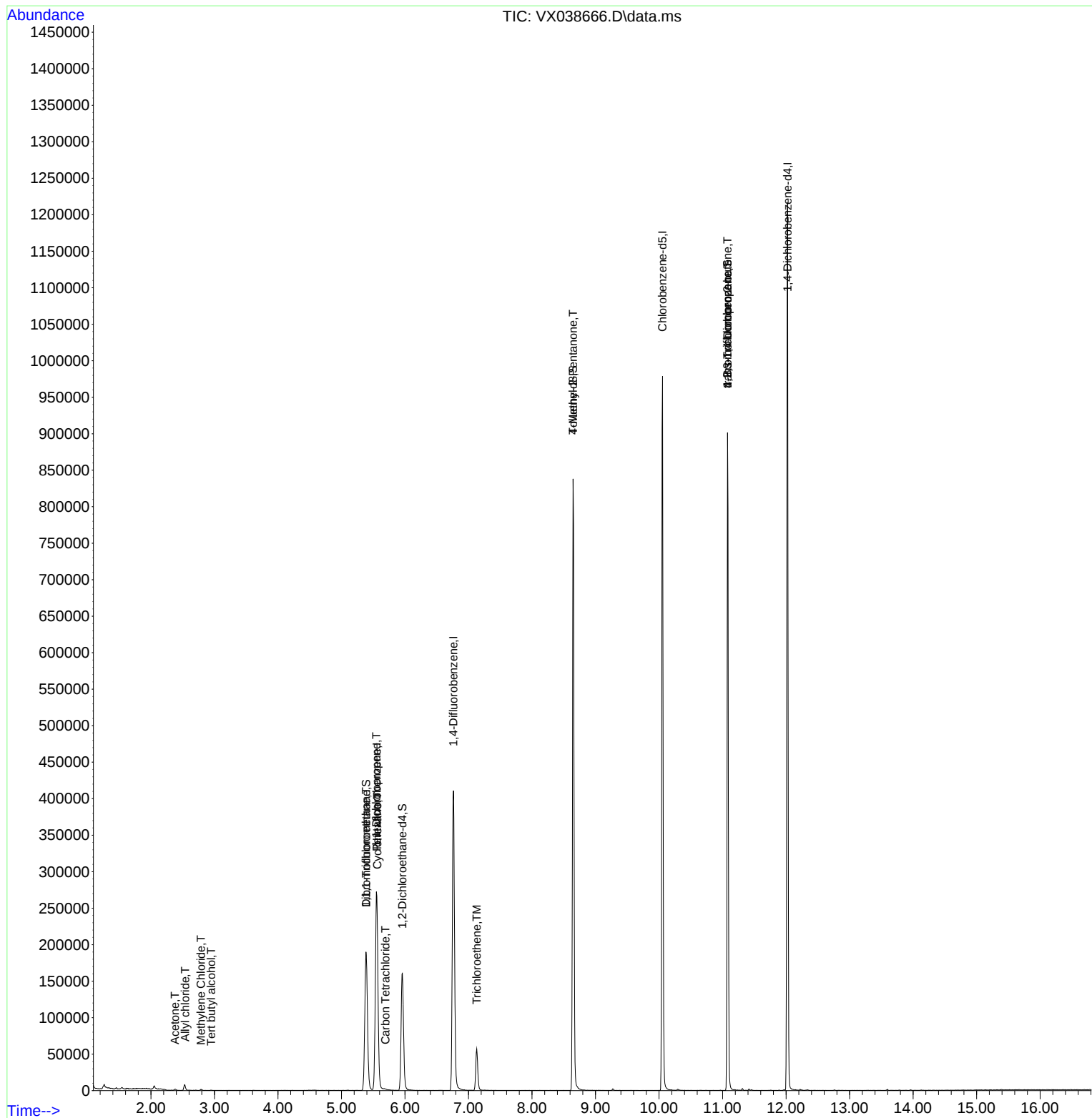
Internal Standards						
1) Pentafluorobenzene	5.556	168	278629	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	459020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	483462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	285314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162580	46.869	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.740%
35) Dibromofluoromethane	5.385	113	156506	47.340	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.680%
50) Toluene-d8	8.647	98	535534	45.268	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.540%#
62) 4-Bromofluorobenzene	11.079	95	241718	52.700	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.400%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	353	0.498	ug/l	# 78
14) Allyl chloride	2.538	41	758	0.204	ug/l	# 62
16) Acetone	2.380	43	1921	1.315	ug/l	95
20) Methylene Chloride	2.788	84	802	0.272	ug/l	# 74
31) Cyclohexane	5.562	56	4886	1.273	ug/l	# 1
32) 1,1,1-Trichloroethane	5.385	97	15373	3.206	ug/l	94
36) 1,1-Dichloropropene	5.550	75	18296	4.455	ug/l	# 52
38) Carbon Tetrachloride	5.690	117	1164	0.254	ug/l	# 65
44) Trichloroethene	7.129	130	23864	6.484	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	1997	0.475	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	118552	20.980	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	118552	63.781	ug/l	# 5

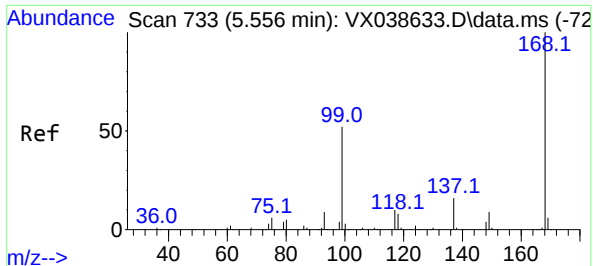
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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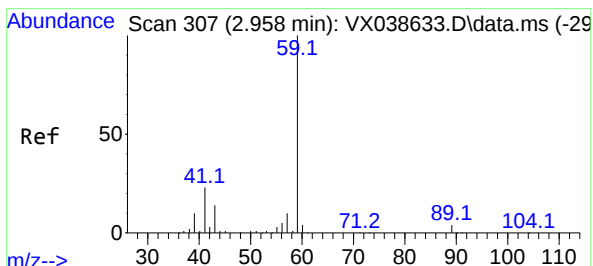
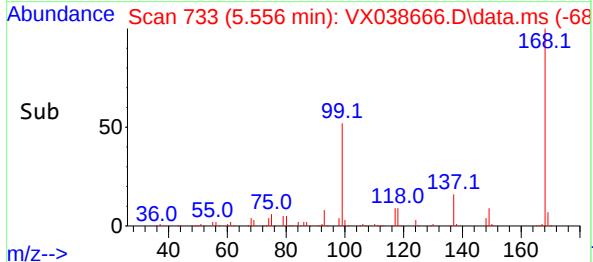
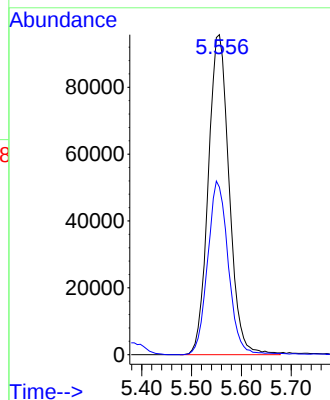
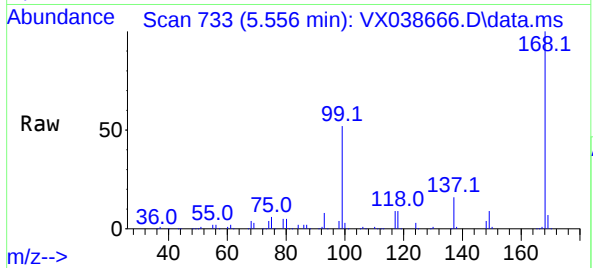




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038666.D
Acq: 08 Nov 2023 19:08

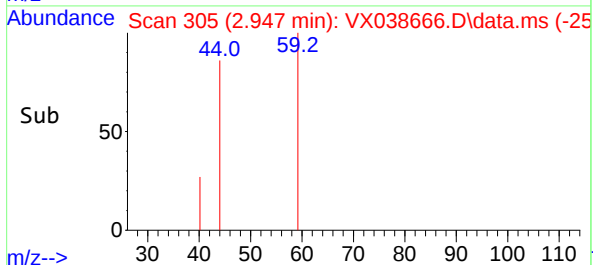
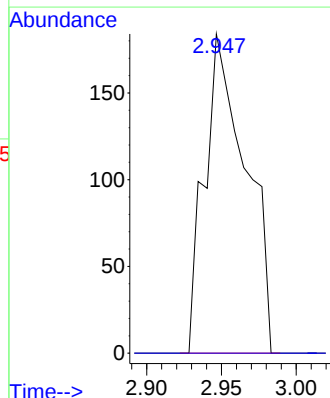
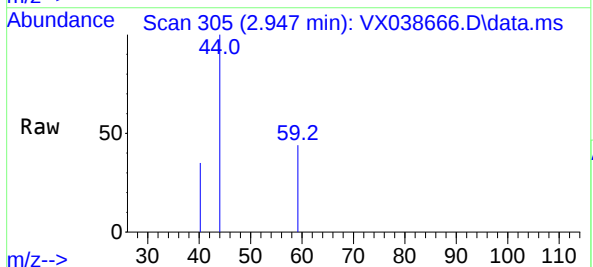
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-1-20231030

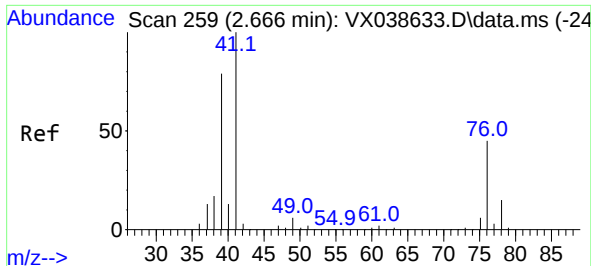
Tgt Ion:168 Resp: 278629
Ion Ratio Lower Upper
168 100
99 52.3 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.498 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038666.D
Acq: 08 Nov 2023 19:08

Tgt Ion: 59 Resp: 353
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

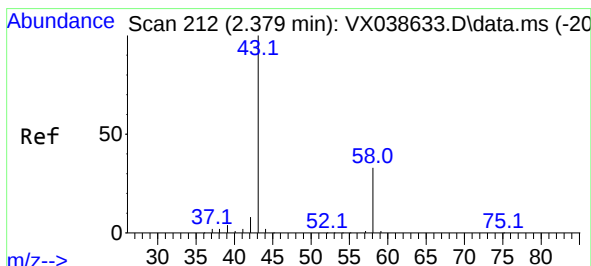
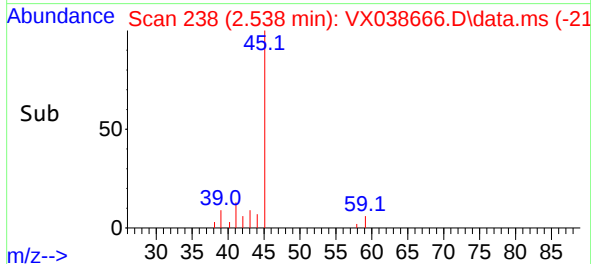
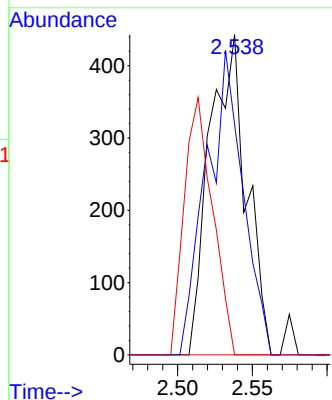
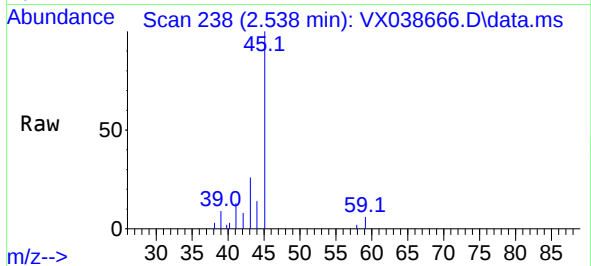




#14
 Allyl chloride
 Concen: 0.204 ug/l
 RT: 2.538 min Scan# 21
 Delta R.T. -0.128 min
 Lab File: VX038666.D
 Acq: 08 Nov 2023 19:08

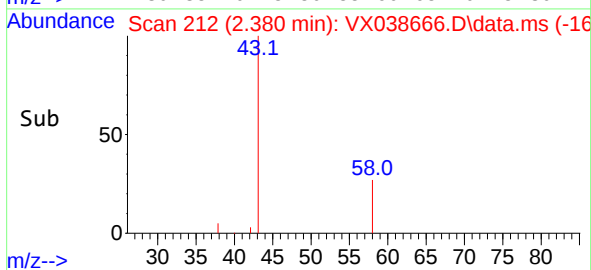
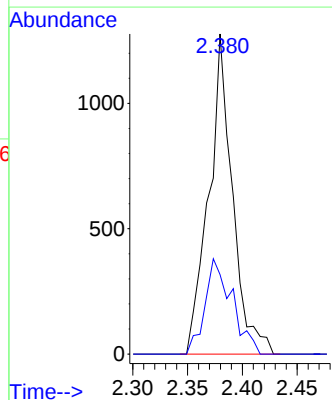
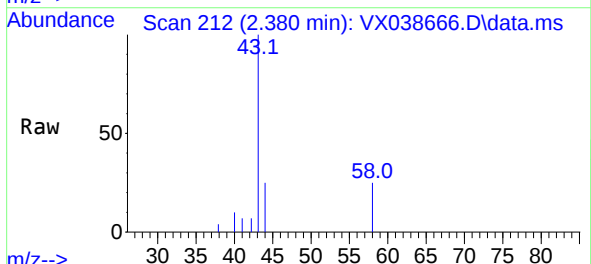
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-FD-1-20231030

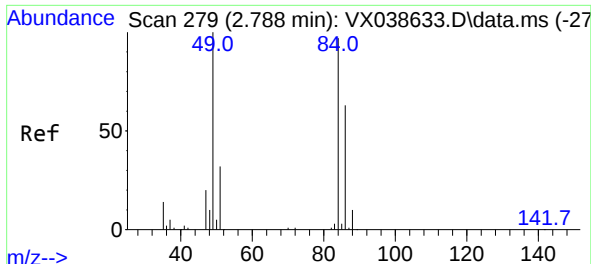
Tgt Ion: 41 Resp: 758
 Ion Ratio Lower Upper
 41 100
 39 94.6 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 1.315 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VX038666.D
 Acq: 08 Nov 2023 19:08

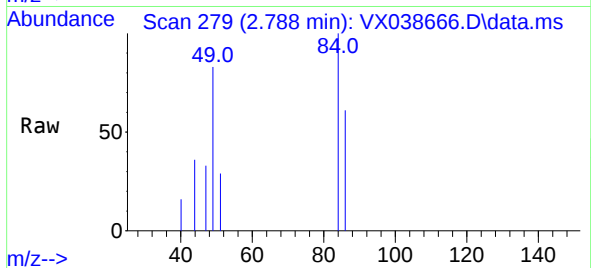
Tgt Ion: 43 Resp: 1921
 Ion Ratio Lower Upper
 43 100
 58 24.8 21.9 32.9





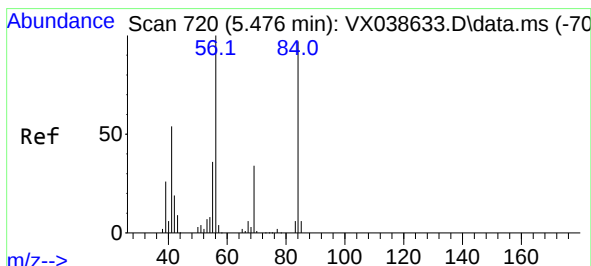
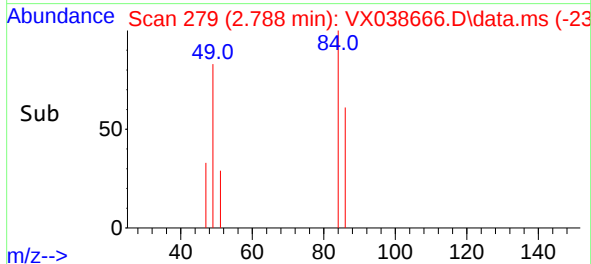
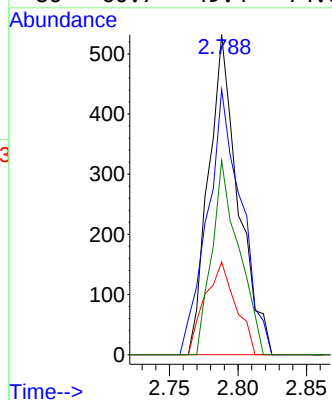
#20
Methylene Chloride
Concen: 0.272 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038666.D
Acq: 08 Nov 2023 19:08

Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-1-20231030



Tgt Ion: 84 Resp: 802

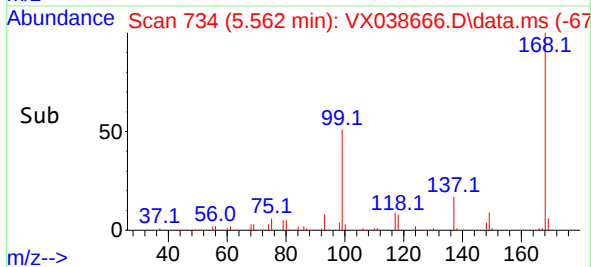
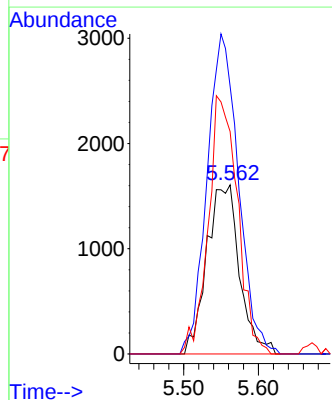
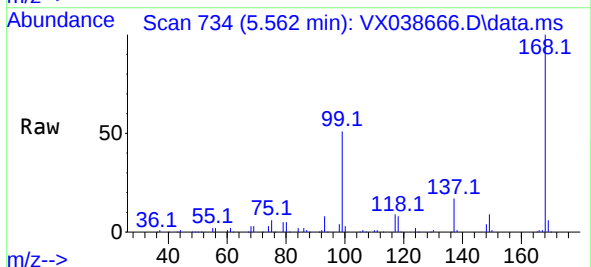
Ion	Ratio	Lower	Upper
84	100		
49	82.9	103.6	155.4#
51	28.9	33.8	50.6#
86	60.7	49.4	74.0

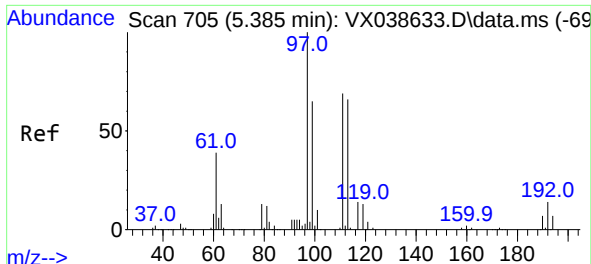


#31
Cyclohexane
Concen: 1.273 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX038666.D
Acq: 08 Nov 2023 19:08

Tgt Ion: 56 Resp: 4886

Ion	Ratio	Lower	Upper
56	100		
69	158.3	23.4	35.2#
84	131.5	65.9	98.9#



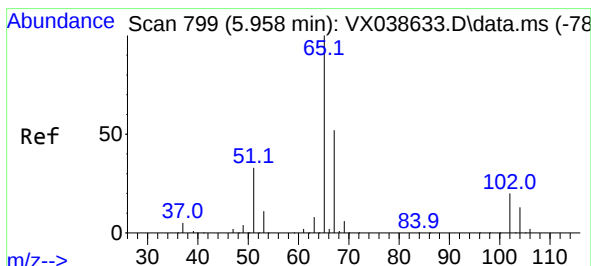
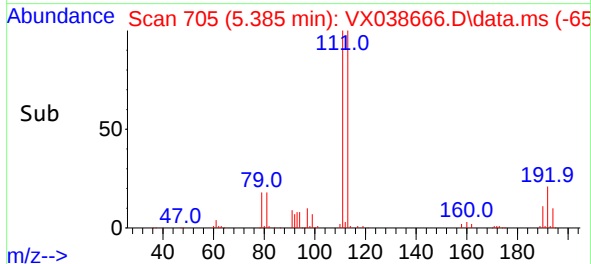
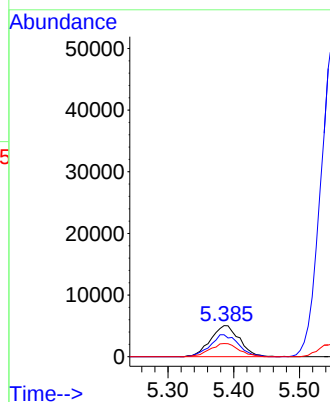
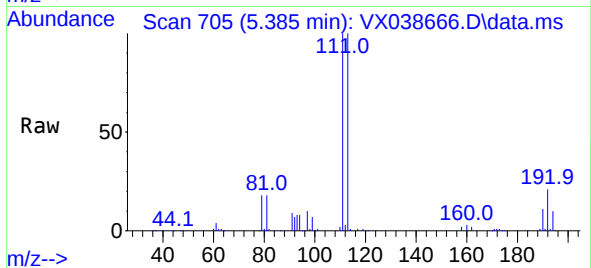


#32
1,1,1-Trichloroethane
Concen: 3.206 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038666.D
Acq: 08 Nov 2023 19:08

Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-1-20231030

Tgt Ion: 97 Resp: 15373

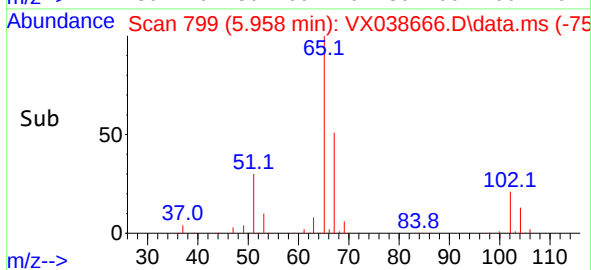
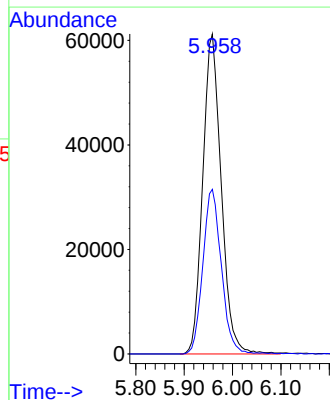
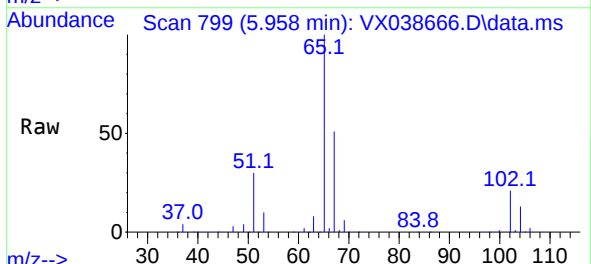
Ion	Ratio	Lower	Upper
97	100		
99	68.9	51.1	76.7
61	42.4	36.4	54.6

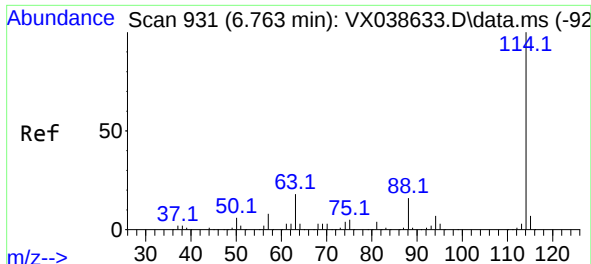


#33
1,2-Dichloroethane-d4
Concen: 46.869 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038666.D
Acq: 08 Nov 2023 19:08

Tgt Ion: 65 Resp: 162580

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	100.2

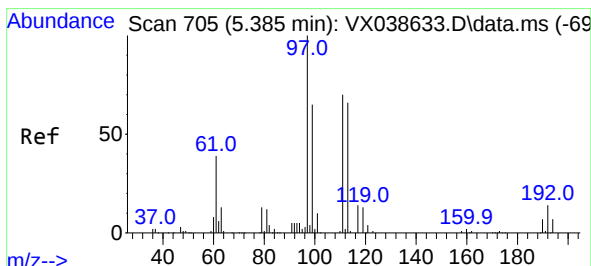
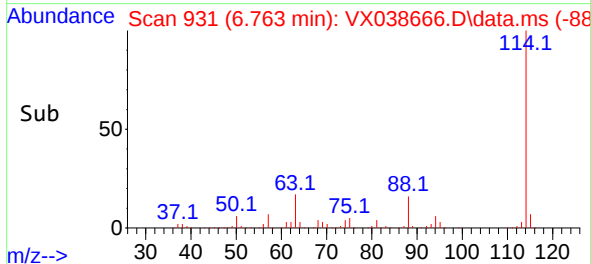
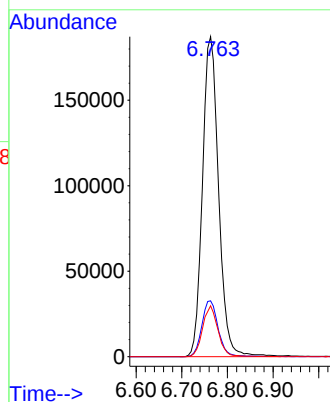
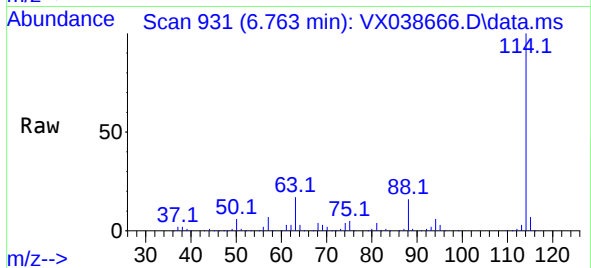




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038666.D
Acq: 08 Nov 2023 19:08

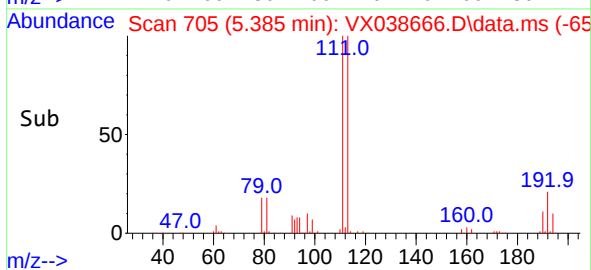
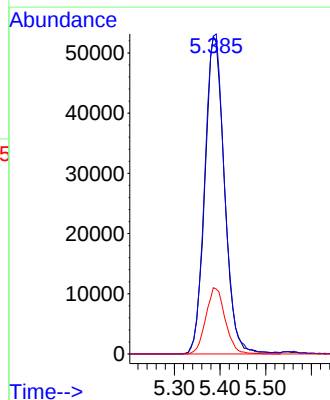
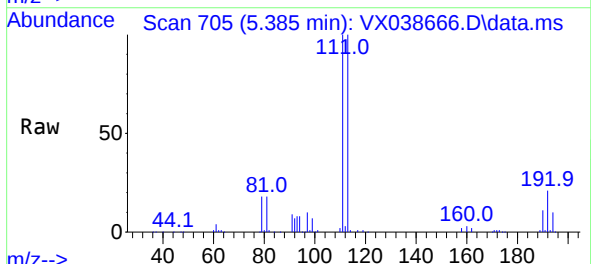
Instrument :
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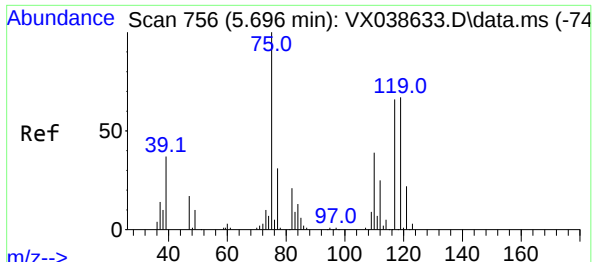
Tgt Ion:114 Resp: 459020
Ion Ratio Lower Upper
114 100
63 17.4 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.340 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038666.D
Acq: 08 Nov 2023 19:08

Tgt Ion:113 Resp: 156506
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 20.6 13.3 19.9#

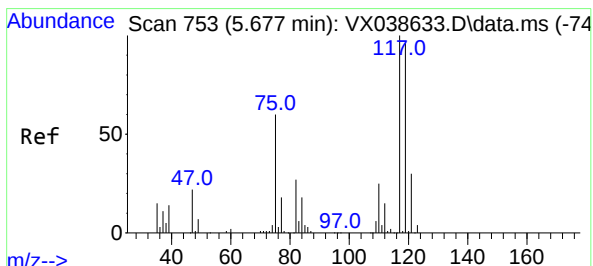
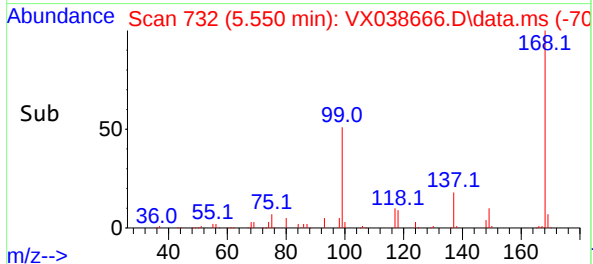
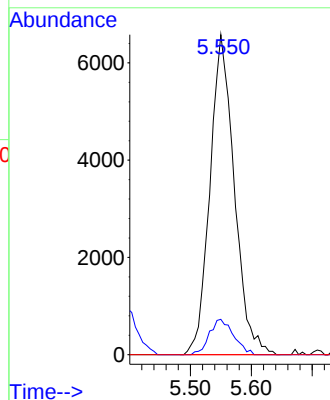
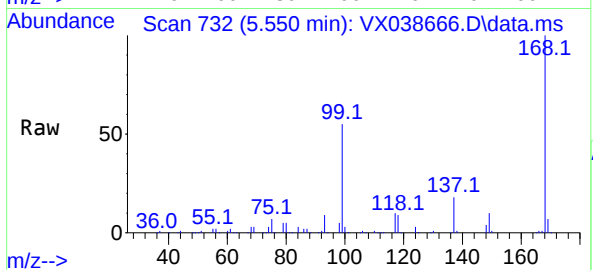




#36
1,1-Dichloropropene
Concen: 4.455 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX038666.D
Acq: 08 Nov 2023 19:08

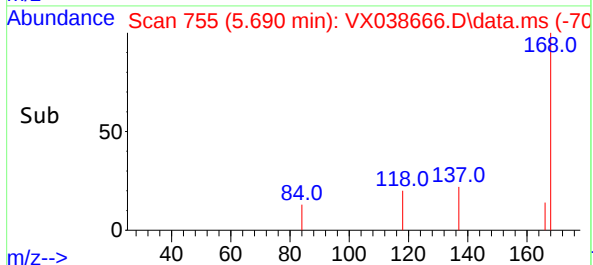
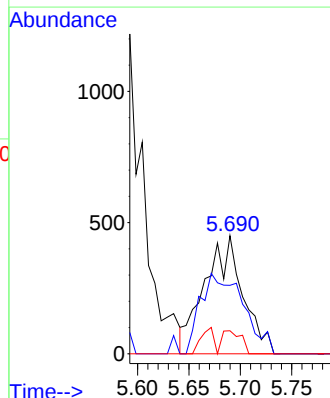
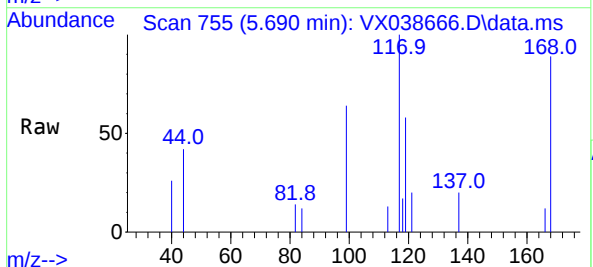
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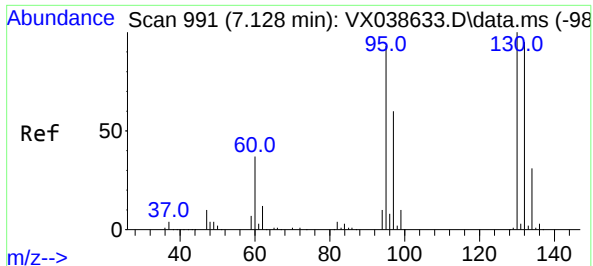
Tgt Ion: 75 Resp: 18296
Ion Ratio Lower Upper
75 100
110 11.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 0.254 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.013 min
Lab File: VX038666.D
Acq: 08 Nov 2023 19:08

Tgt Ion: 117 Resp: 1164
Ion Ratio Lower Upper
117 100
119 58.0 78.2 117.2#
121 19.6 24.4 36.6#

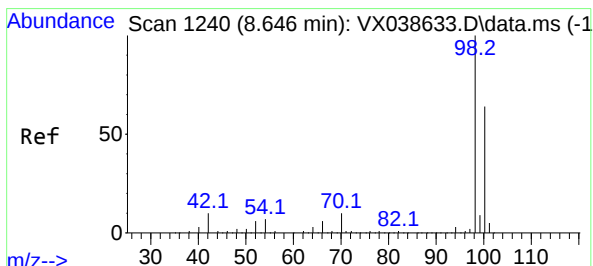
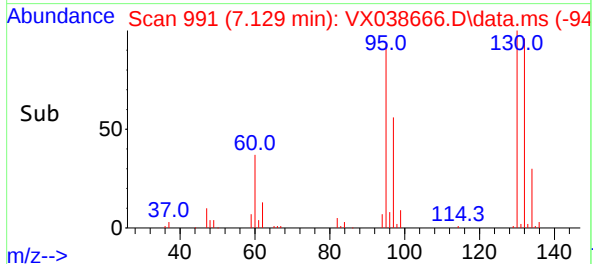
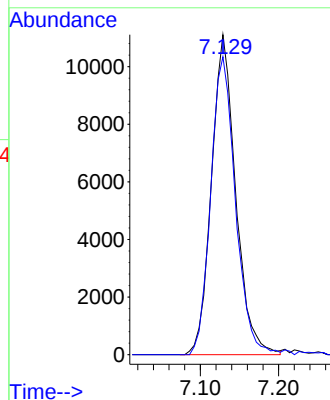
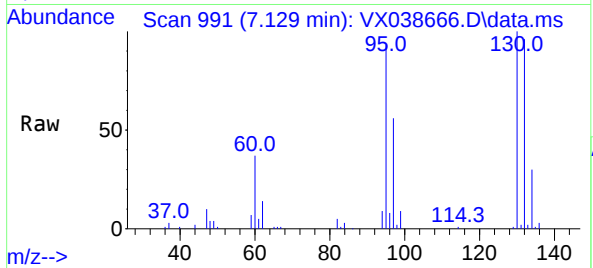




#44
Trichloroethene
Concen: 6.484 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038666.D
Acq: 08 Nov 2023 19:08

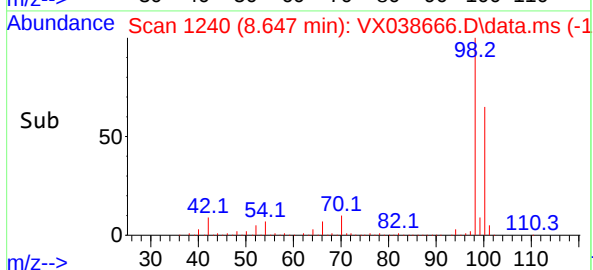
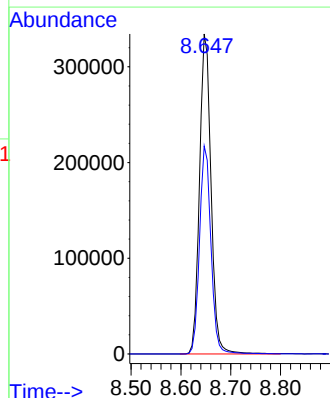
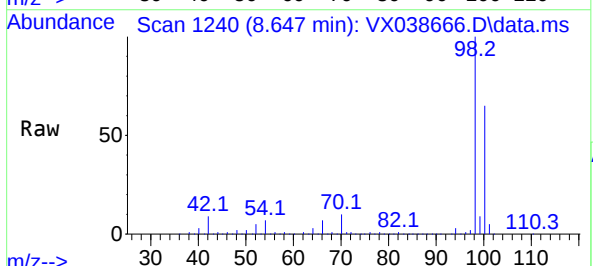
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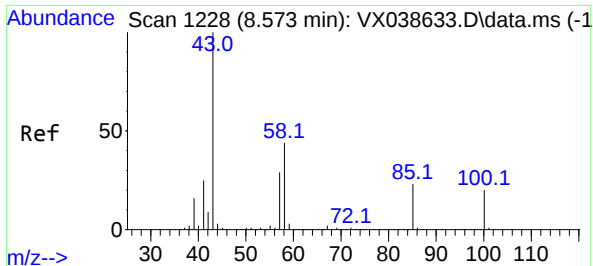
Tgt Ion:130 Resp: 23864
Ion Ratio Lower Upper
130 100
95 93.1 0.0 204.4



#50
Toluene-d8
Concen: 45.268 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038666.D
Acq: 08 Nov 2023 19:08

Tgt Ion: 98 Resp: 535534
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7

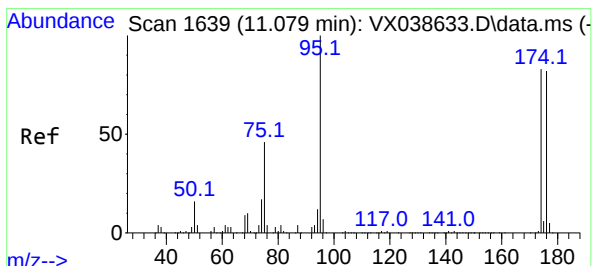
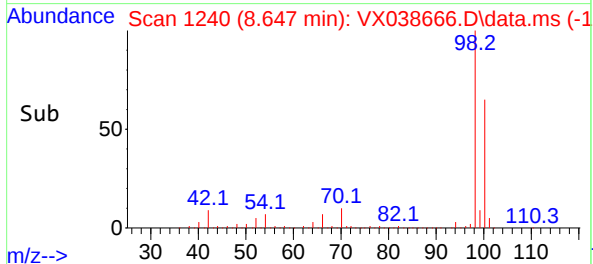
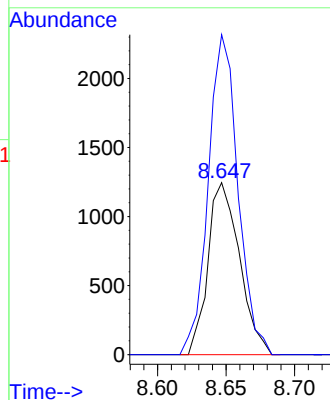
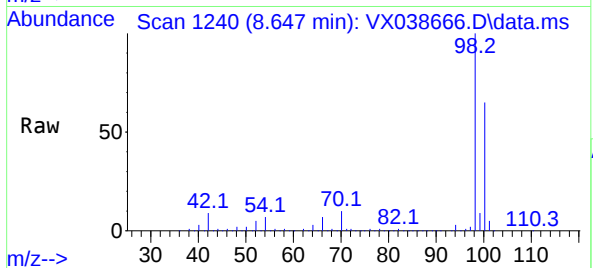




#51
4-Methyl-2-Pentanone
Concen: 0.475 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038666.D
Acq: 08 Nov 2023 19:08

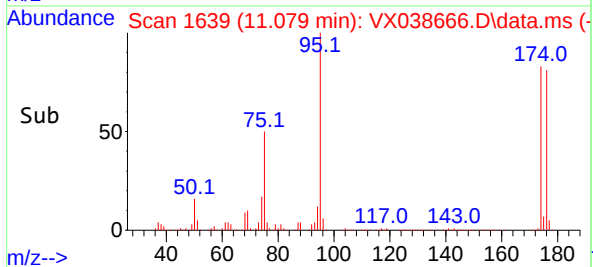
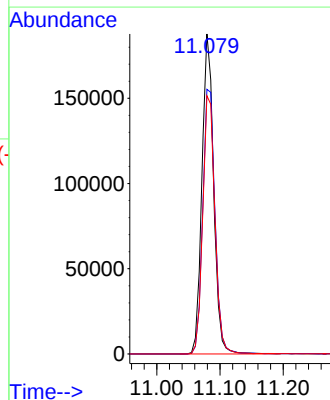
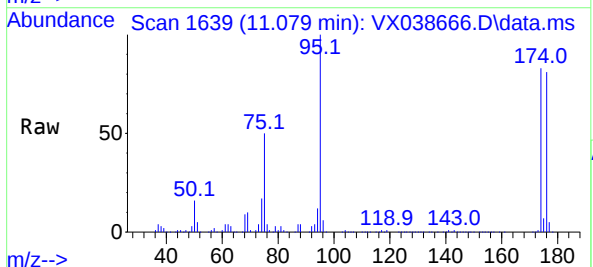
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-1-20231030

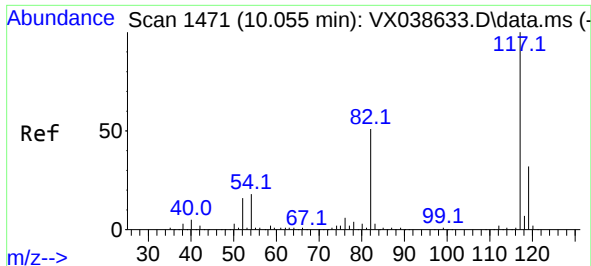
Tgt Ion: 43 Resp: 1997
Ion Ratio Lower Upper
43 100
58 175.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 52.700 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038666.D
Acq: 08 Nov 2023 19:08

Tgt Ion: 95 Resp: 241718
Ion Ratio Lower Upper
95 100
174 87.3 0.0 135.6
176 84.3 0.0 131.0

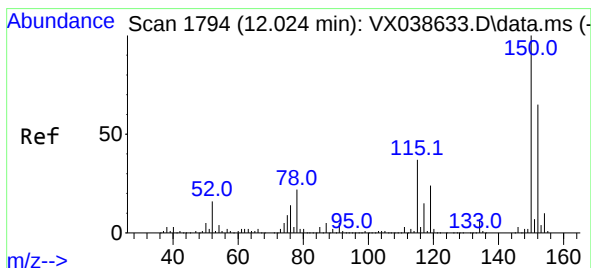
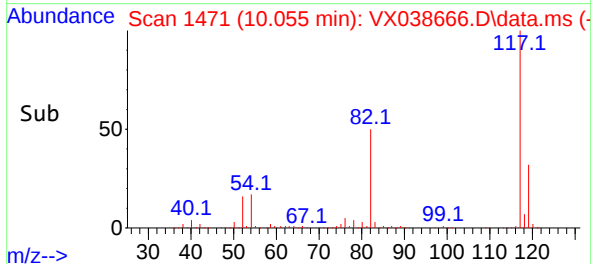
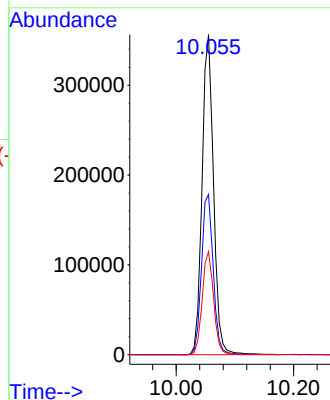
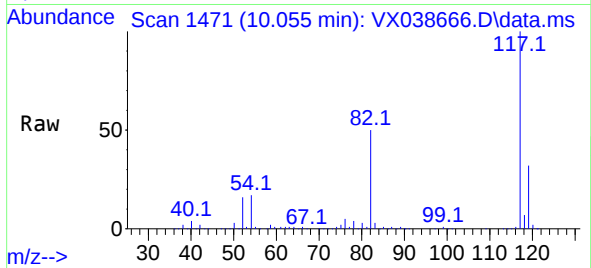




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038666.D
Acq: 08 Nov 2023 19:08

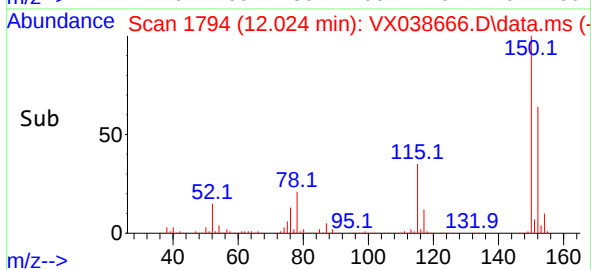
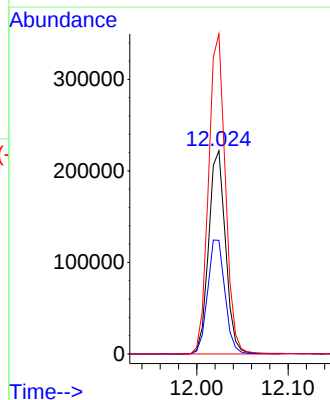
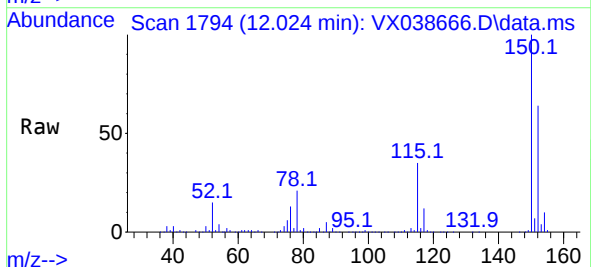
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-1-20231030

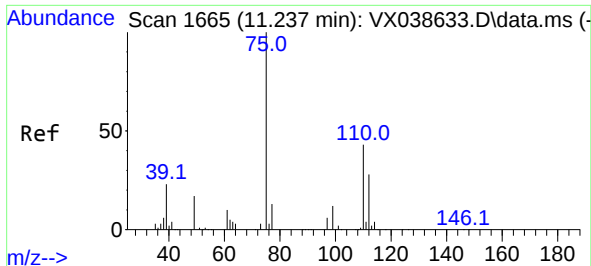
Tgt Ion:117 Resp: 483462
Ion Ratio Lower Upper
117 100
82 50.1 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038666.D
Acq: 08 Nov 2023 19:08

Tgt Ion:152 Resp: 285314
Ion Ratio Lower Upper
152 100
115 57.7 43.3 129.9
150 157.7 0.0 345.0

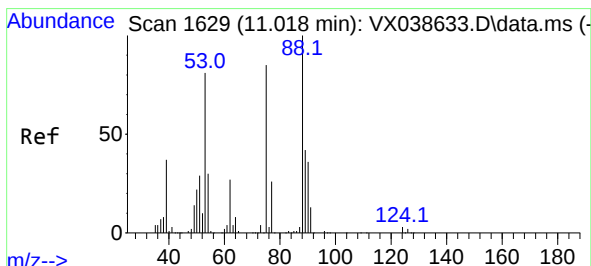
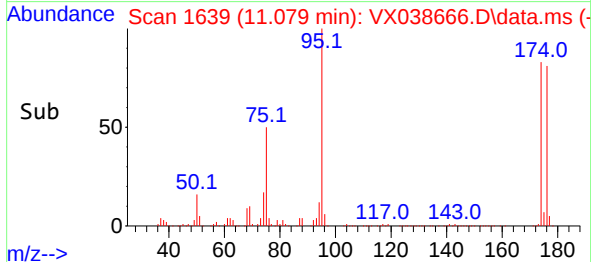
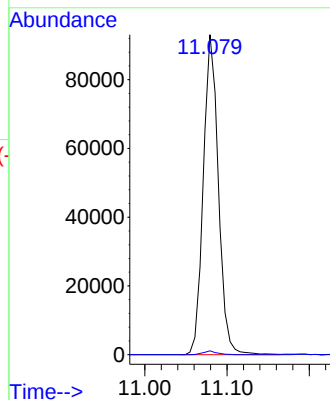
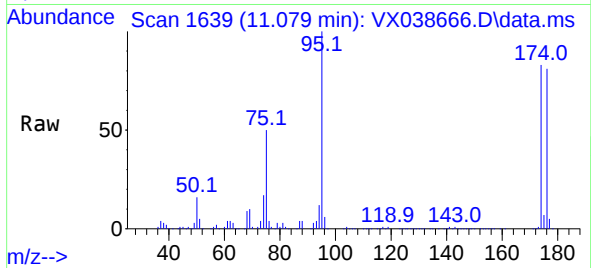




#76
1,2,3-Trichloropropane
Concen: 20.980 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038666.D
Acq: 08 Nov 2023 19:08

Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-1-20231030

Tgt Ion: 75 Resp: 118552
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.781 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038666.D
Acq: 08 Nov 2023 19:08

Tgt Ion: 75 Resp: 118552
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

