

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073987.D
 Acq On : 17 Aug 2022 19:39
 Operator : JC\MD
 Sample : N4204-26 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Quant Time: Aug 18 00:50:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

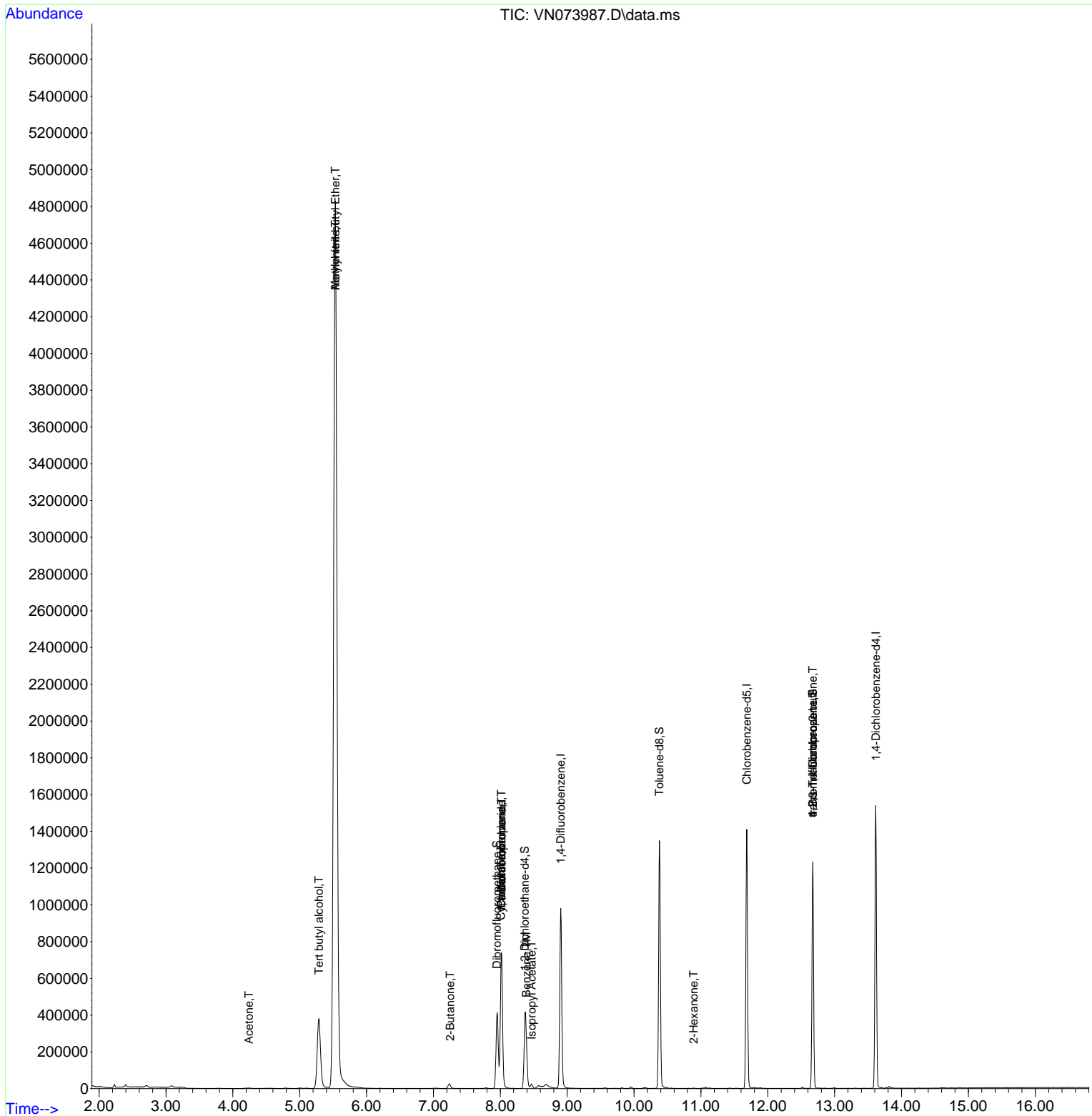
Internal Standards						
1) Pentafluorobenzene	8.016	168	637128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	932640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	876796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	462381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	305671	49.257	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.520%
35) Dibromofluoromethane	7.951	113	300537	54.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.980%
50) Toluene-d8	10.380	98	972590	45.531	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.060%
62) 4-Bromofluorobenzene	12.674	95	407437	57.471	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.940%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.287	59	740211	533.256	ug/l	100
15) Acrylonitrile	5.534	53	83776	24.721	ug/l #	28
16) Acetone	4.240	43	5888	2.011	ug/l	98
18) Methyl Acetate	4.775	43	2746	Below Cal	#	48
19) Methyl tert-butyl Ether	5.534	73	8730996	482.104	ug/l	98
25) 2-Butanone	7.251	43	1879	0.405	ug/l #	45
31) Cyclohexane	8.010	56	10717	1.239	ug/l #	12
36) 1,1-Dichloropropene	8.022	75	40647	5.306	ug/l #	50
38) Carbon Tetrachloride	8.016	117	56015	6.397	ug/l #	17
40) Benzene	8.392	78	127542	5.275	ug/l	96
43) Isopropyl Acetate	8.469	43	4952	0.375	ug/l #	53
59) 2-Hexanone	10.892	43	1784	0.259	ug/l	69
76) 1,2,3-Trichloropropane	12.674	75	198468	20.651	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	198468	58.735	ug/l #	10

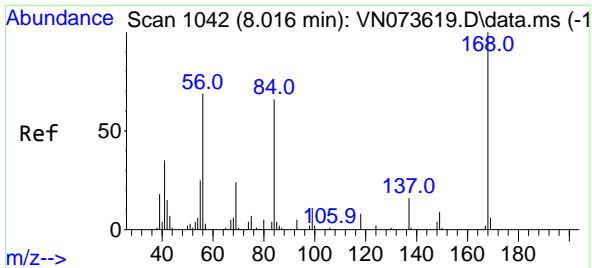
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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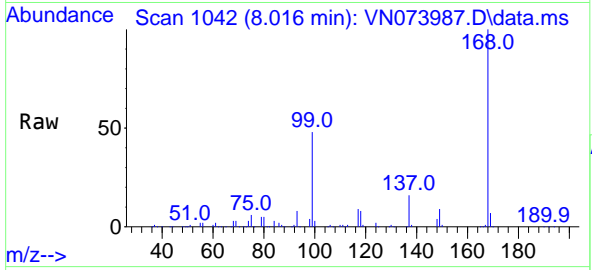
Quant Time: Aug 18 00:50:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
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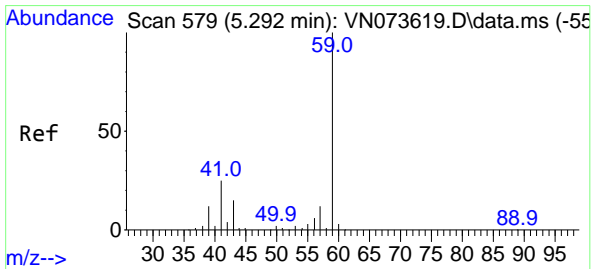
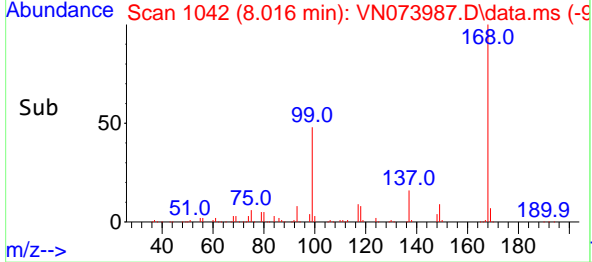
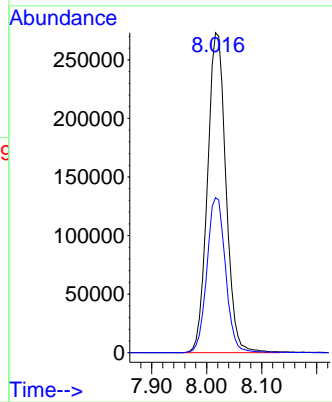


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.016 min Scan# 1042
 Delta R.T. -0.000 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39

Instrument : MSVOA_N
 ClientSampleId : MW-14

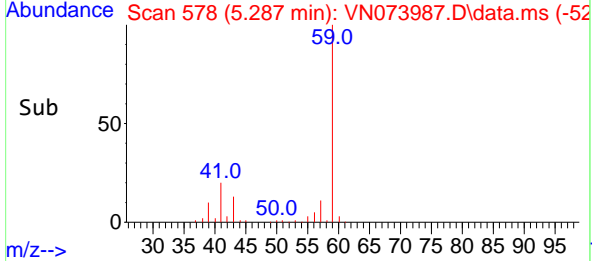
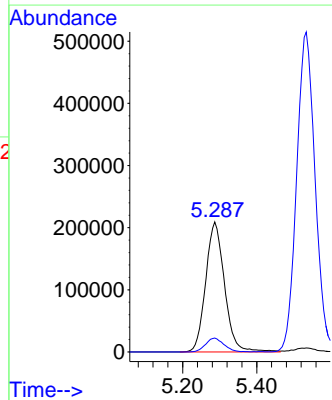
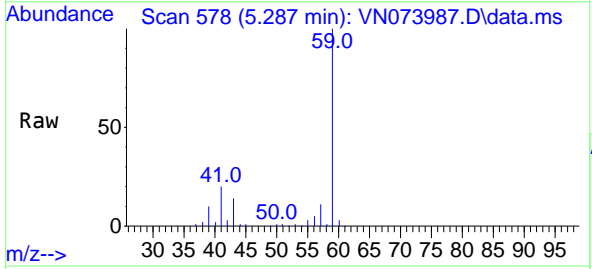


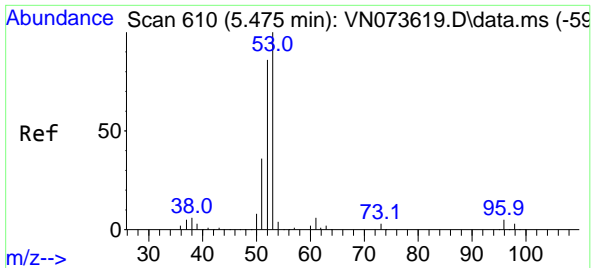
Tgt Ion:168 Resp: 637128
 Ion Ratio Lower Upper
 168 100
 99 48.5 42.3 63.5



#11
 Tert butyl alcohol
 Concen: 533.256 ug/l
 RT: 5.287 min Scan# 578
 Delta R.T. -0.005 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39

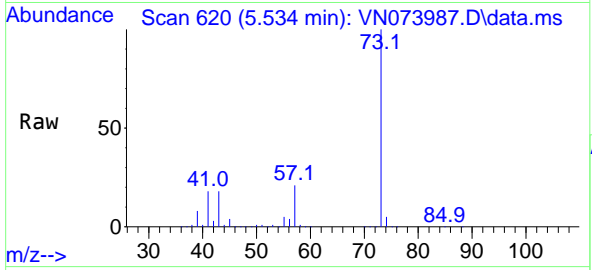
Tgt Ion: 59 Resp: 740211
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5





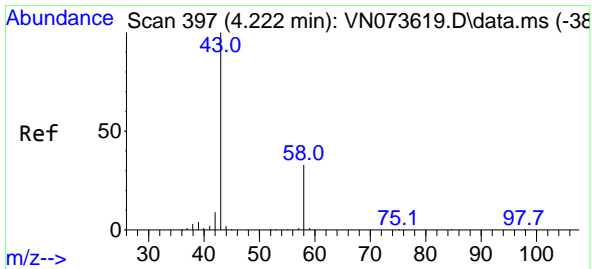
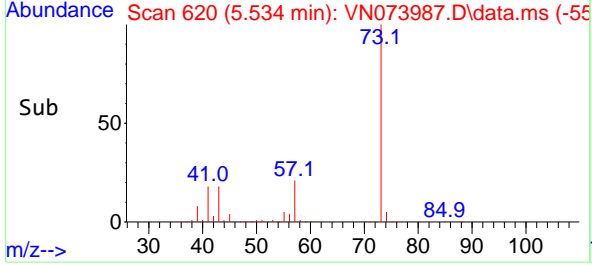
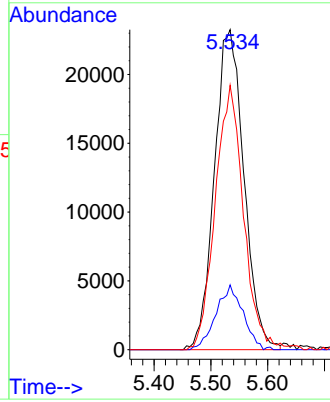
#15
 Acrylonitrile
 Concen: 24.721 ug/l
 RT: 5.534 min Scan# 610
 Delta R.T. 0.059 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14



Tgt Ion: 53 Resp: 83776

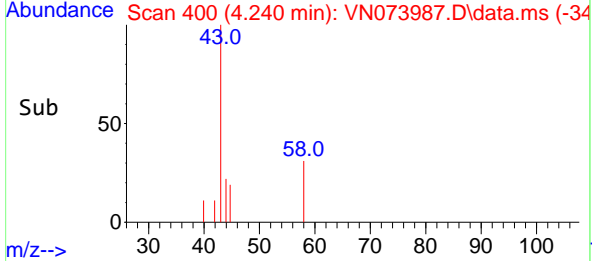
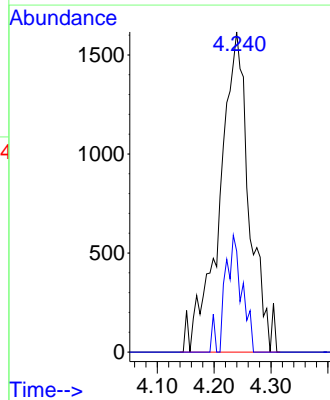
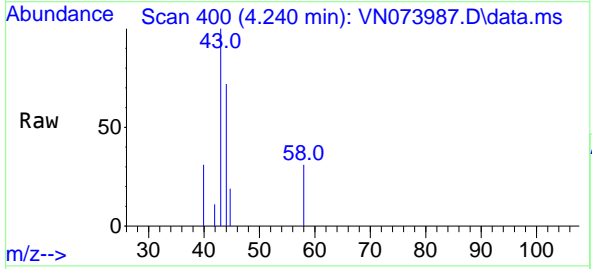
Ion	Ratio	Lower	Upper
53	100		
52	18.6	66.4	99.6#
51	79.2	28.5	42.7#

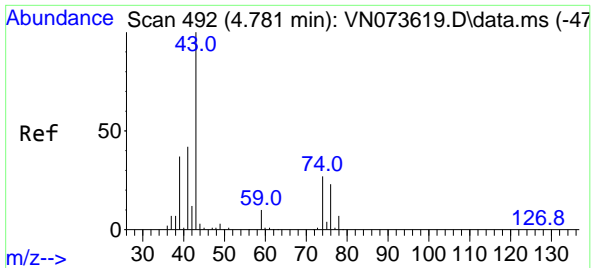


#16
 Acetone
 Concen: 2.011 ug/l
 RT: 4.240 min Scan# 400
 Delta R.T. 0.018 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39

Tgt Ion: 43 Resp: 5888

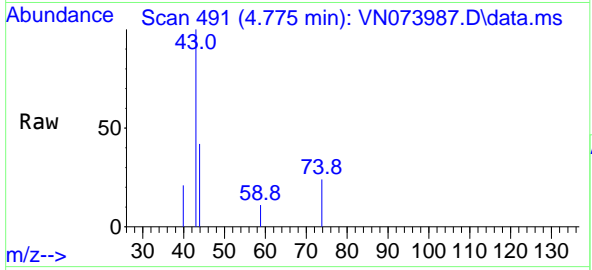
Ion	Ratio	Lower	Upper
43	100		
58	31.5	26.0	39.0



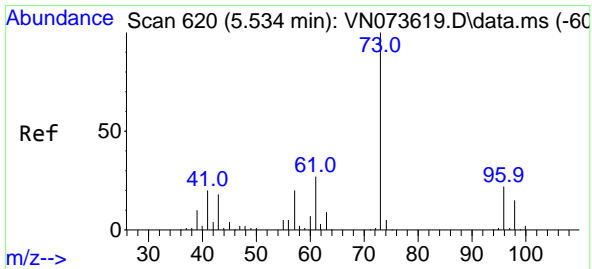
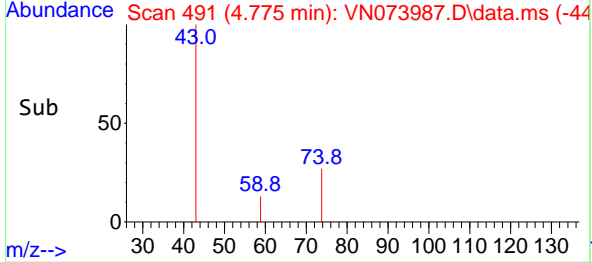
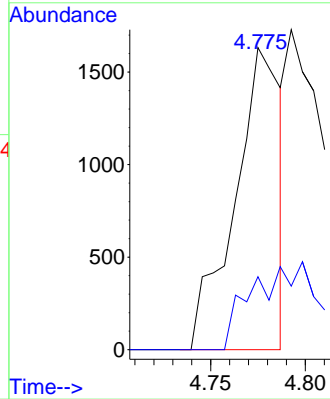


#18
 Methyl Acetate
 Concen: Below Cal
 RT: 4.775 min Scan# 491
 Delta R.T. -0.006 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39

Instrument : MSVOA_N
 ClientSampleId : MW-14

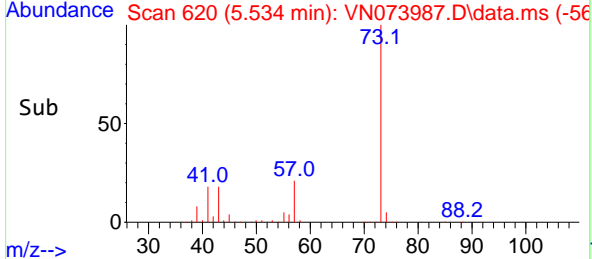
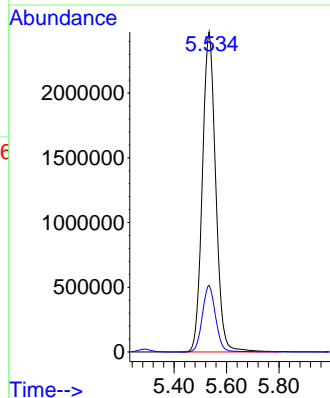
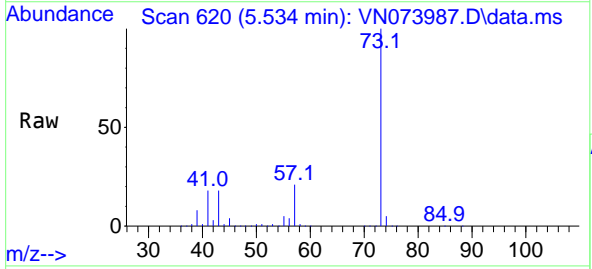


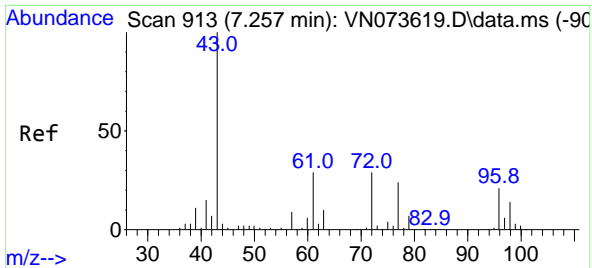
Tgt Ion: 43 Resp: 2746
 Ion Ratio Lower Upper
 43 100
 74 0.0 21.6 32.4#



#19
 Methyl tert-butyl Ether
 Concen: 482.104 ug/l
 RT: 5.534 min Scan# 620
 Delta R.T. -0.000 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39

Tgt Ion: 73 Resp: 8730996
 Ion Ratio Lower Upper
 73 100
 57 20.8 17.6 26.4

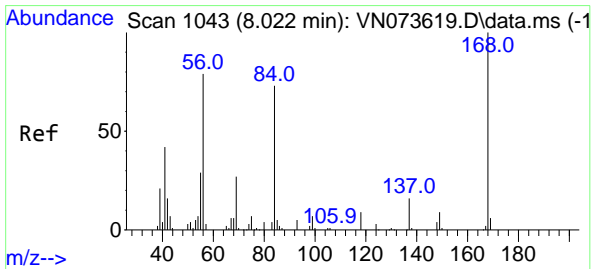
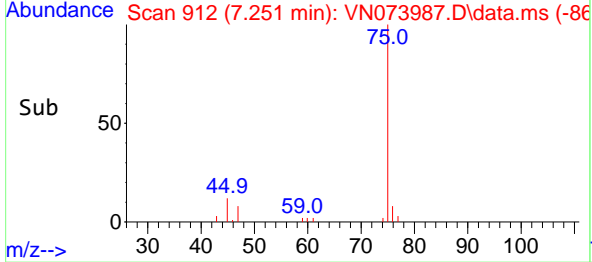
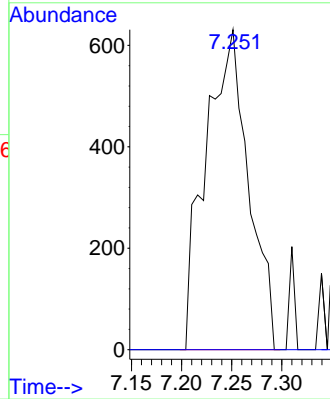
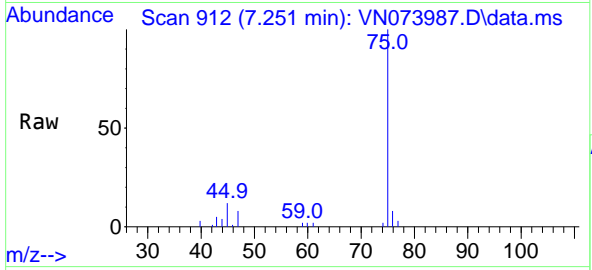




#25
 2-Butanone
 Concen: 0.405 ug/l
 RT: 7.251 min Scan# 913
 Delta R.T. -0.006 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39

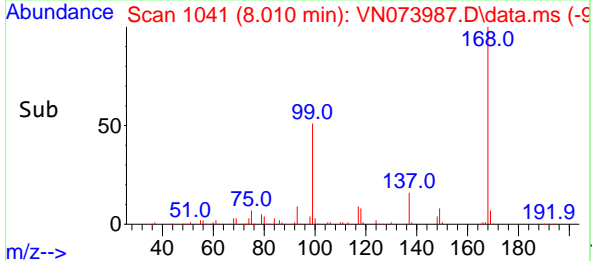
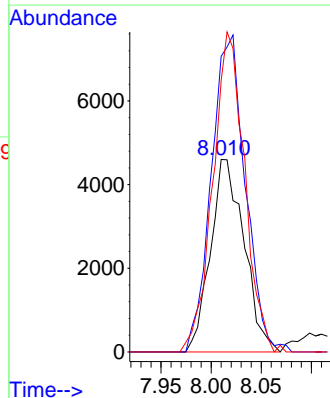
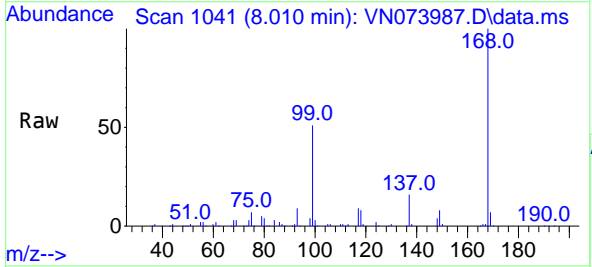
Instrument : MSVOA_N
 ClientSampleId : MW-14

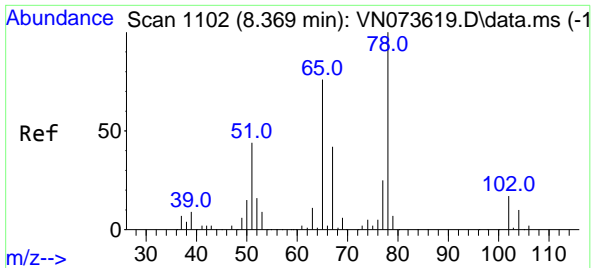
Tgt Ion: 43 Resp: 1879
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.7 35.5#



#31
 Cyclohexane
 Concen: 1.239 ug/l
 RT: 8.010 min Scan# 1041
 Delta R.T. -0.012 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39

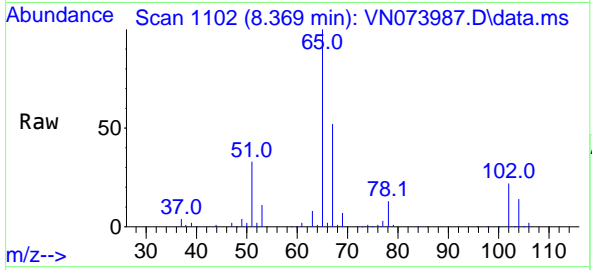
Tgt Ion: 56 Resp: 10717
 Ion Ratio Lower Upper
 56 100
 69 153.7 27.8 41.8#
 84 141.1 76.9 115.3#



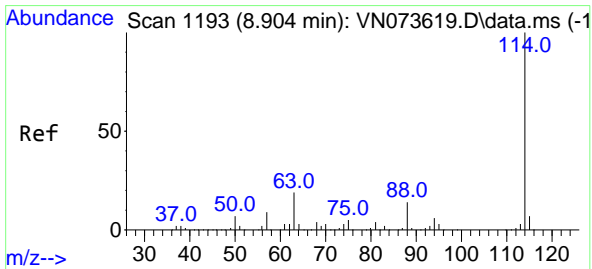
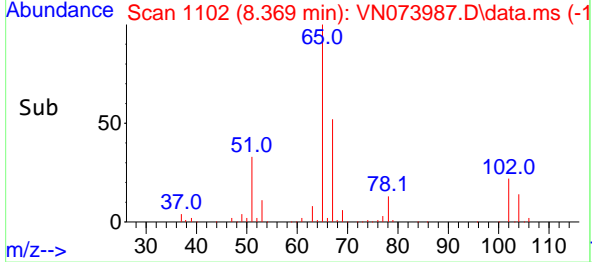
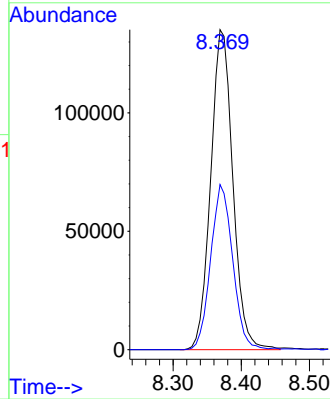


#33
 1,2-Dichloroethane-d4
 Concen: 49.257 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39

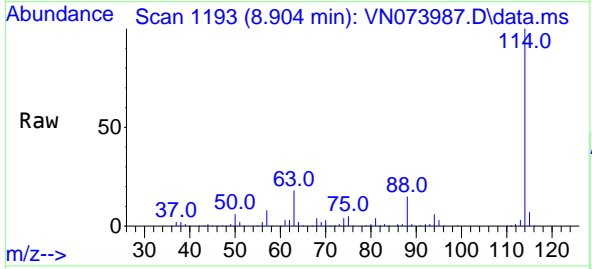
Instrument : MSVOA_N
 ClientSampleId : MW-14



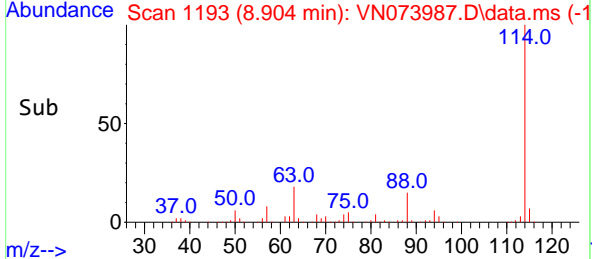
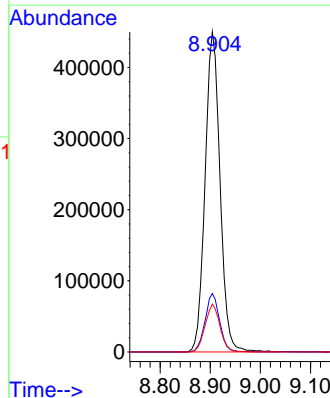
Tgt Ion: 65 Resp: 305671
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.8

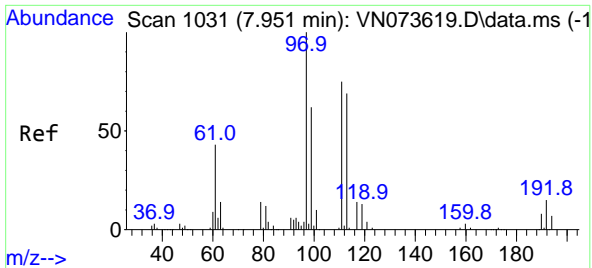


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39



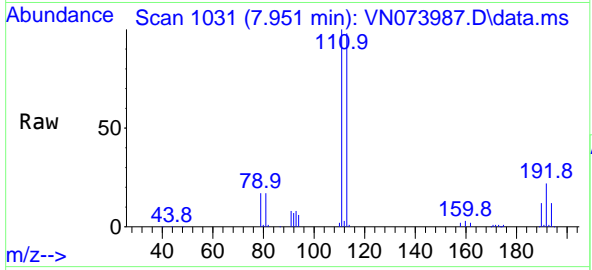
Tgt Ion: 114 Resp: 932640
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 40.0
 88 15.0 0.0 32.6





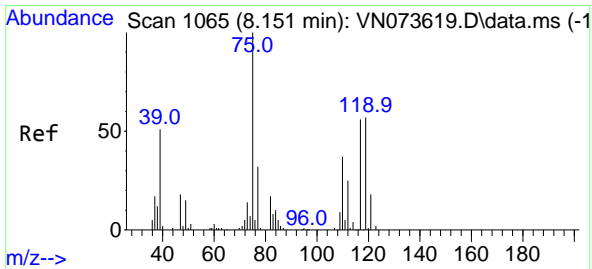
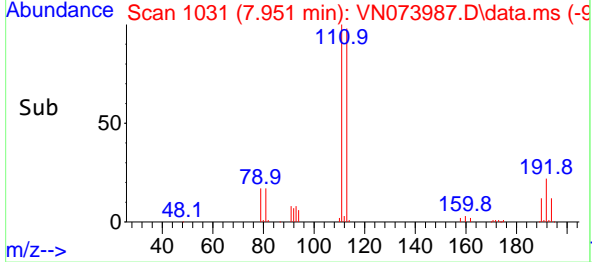
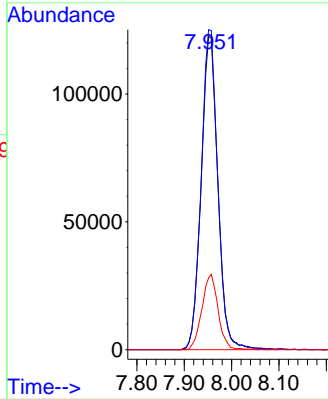
#35
 Dibromofluoromethane
 Concen: 54.489 ug/l
 RT: 7.951 min Scan# 1043
 Delta R.T. 0.000 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39

Instrument : MSVOA_N
 ClientSampleId : MW-14



Tgt Ion:113 Resp: 300537

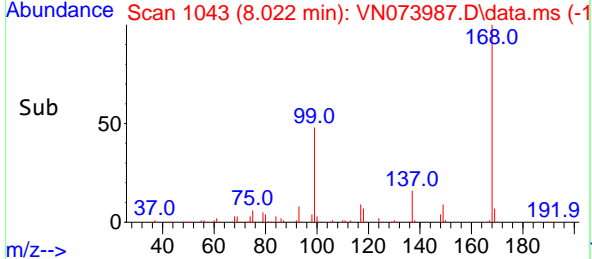
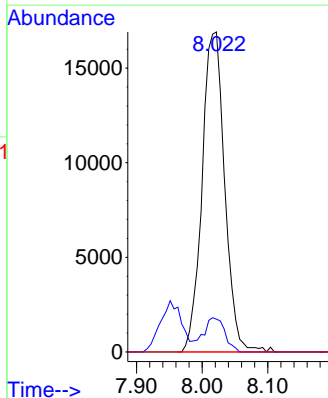
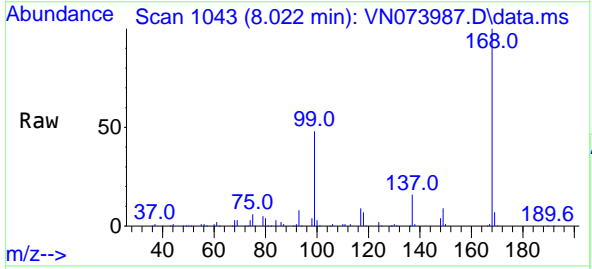
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.0
192	23.2	17.0	25.6

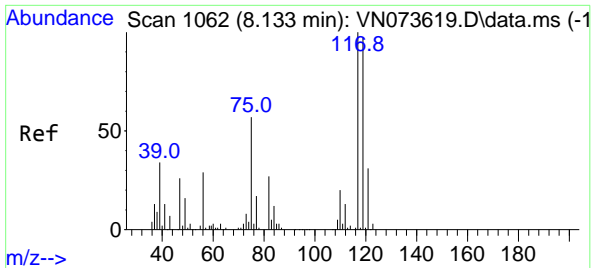


#36
 1,1-Dichloropropene
 Concen: 5.306 ug/l
 RT: 8.022 min Scan# 1043
 Delta R.T. -0.129 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39

Tgt Ion: 75 Resp: 40647

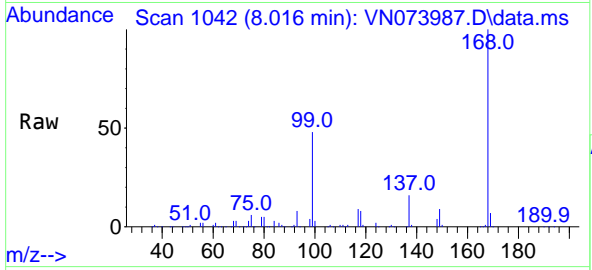
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.3	54.8#
77	0.0	25.1	37.7#



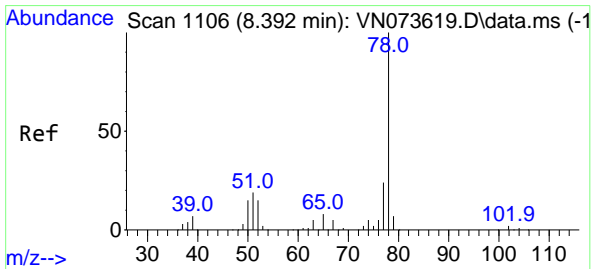
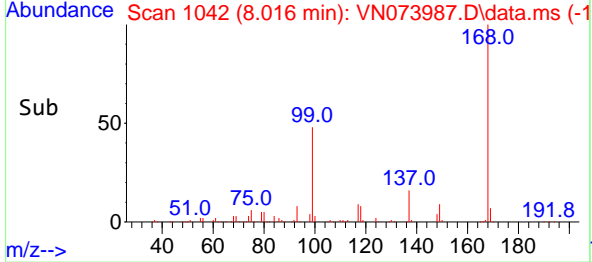
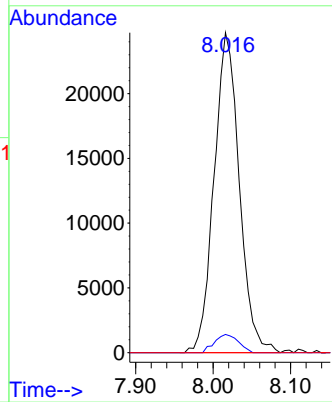


#38
 Carbon Tetrachloride
 Concen: 6.397 ug/l
 RT: 8.016 min Scan# 1062
 Delta R.T. -0.117 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39

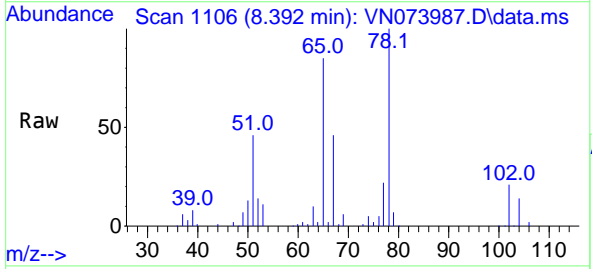
Instrument : MSVOA_N
 ClientSampleId : MW-14



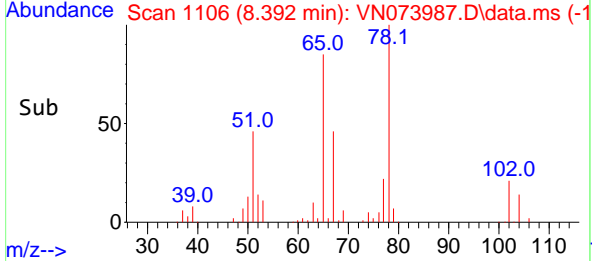
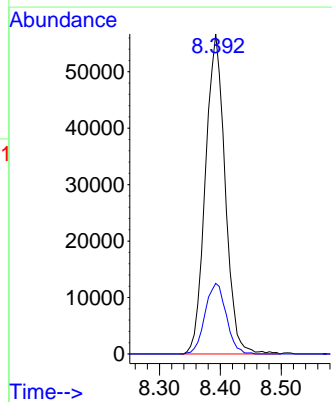
Tgt Ion:117 Resp: 56015
 Ion Ratio Lower Upper
 117 100
 119 5.7 75.8 113.8#
 121 0.0 24.6 37.0#

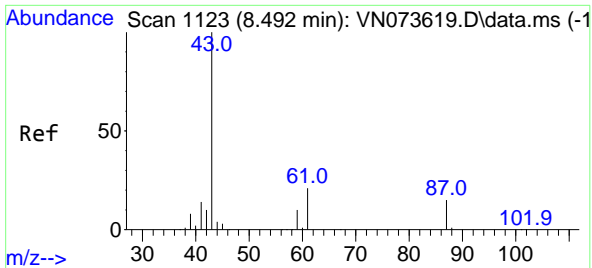


#40
 Benzene
 Concen: 5.275 ug/l
 RT: 8.392 min Scan# 1106
 Delta R.T. 0.000 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39



Tgt Ion: 78 Resp: 127542
 Ion Ratio Lower Upper
 78 100
 77 22.1 19.4 29.0



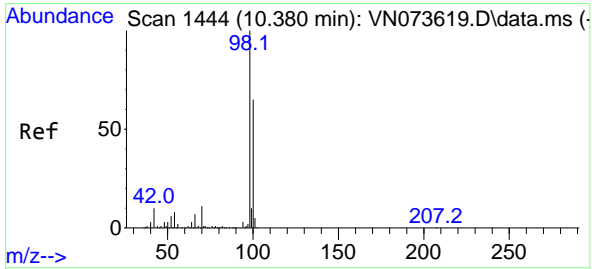
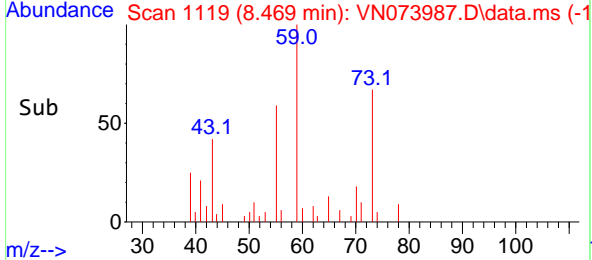
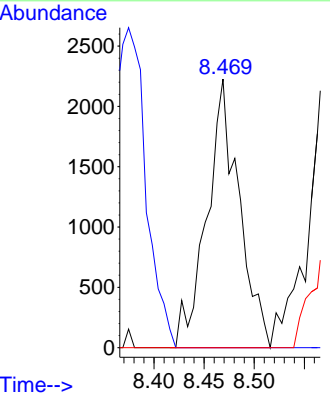
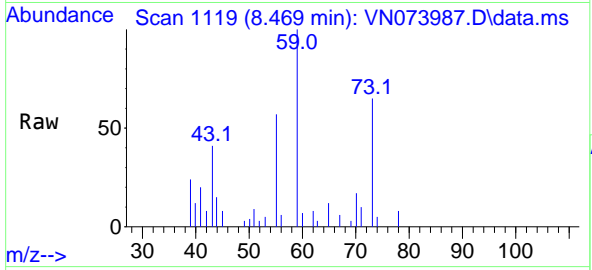


#43
 Isopropyl Acetate
 Concen: 0.375 ug/l
 RT: 8.469 min Scan# 1119
 Delta R.T. -0.023 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39

Instrument : MSVOA_N
 ClientSampleId : MW-14

Tgt Ion: 43 Resp: 4952

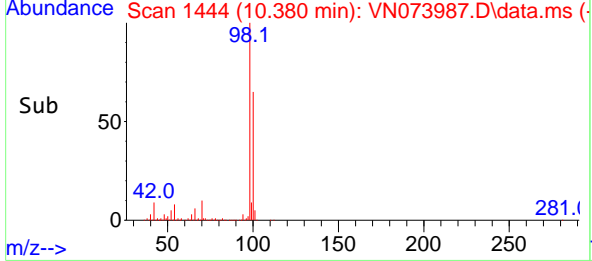
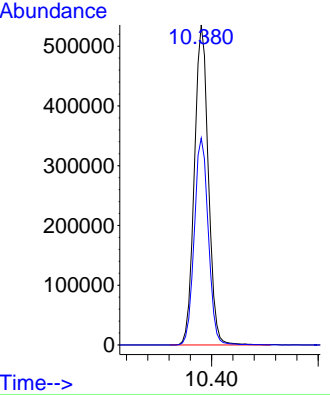
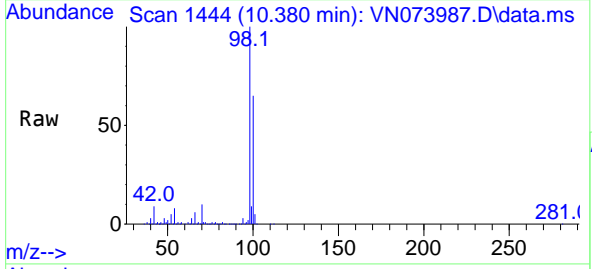
Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.9	32.9#
87	0.0	12.0	18.0#

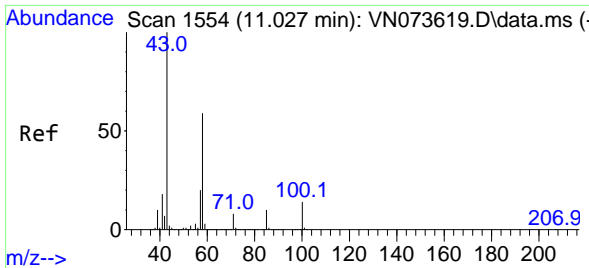


#50
 Toluene-d8
 Concen: 45.531 ug/l
 RT: 10.380 min Scan# 1444
 Delta R.T. 0.000 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39

Tgt Ion: 98 Resp: 972590

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.6	78.8

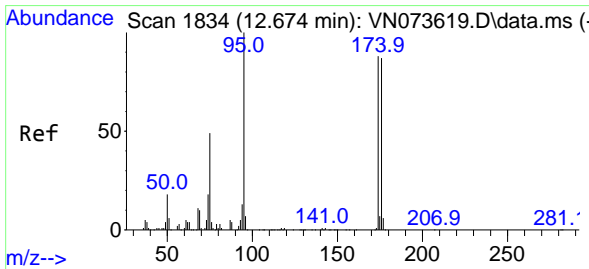
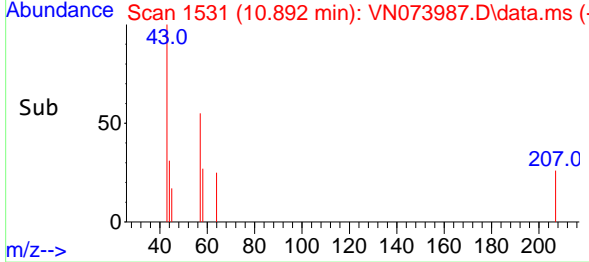
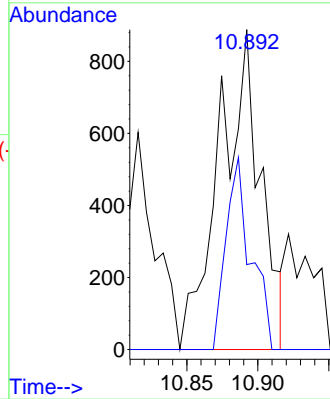
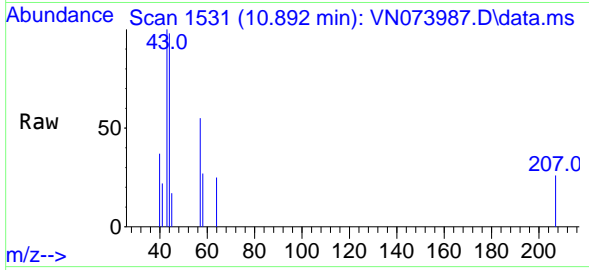




#59
 2-Hexanone
 Concen: 0.259 ug/l
 RT: 10.892 min Scan# 11
 Delta R.T. -0.135 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39

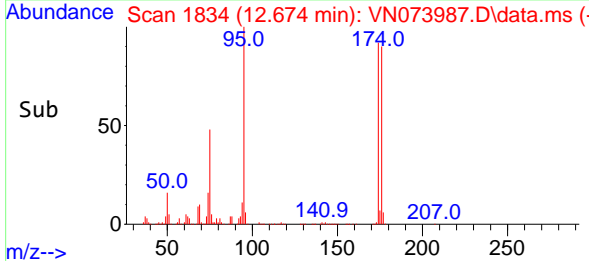
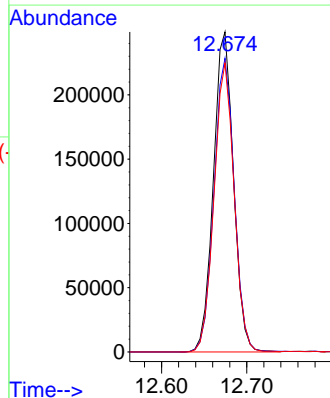
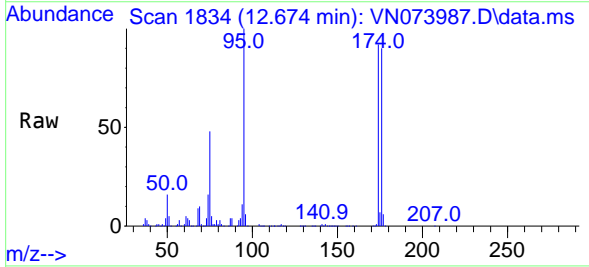
Instrument : MSVOA_N
 ClientSampleId : MW-14

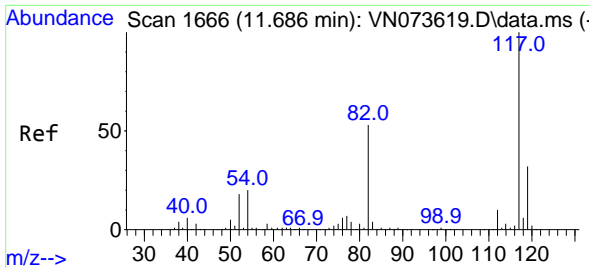
Tgt Ion: 43 Resp: 1784
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.7 89.1



#62
 4-Bromofluorobenzene
 Concen: 57.471 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39

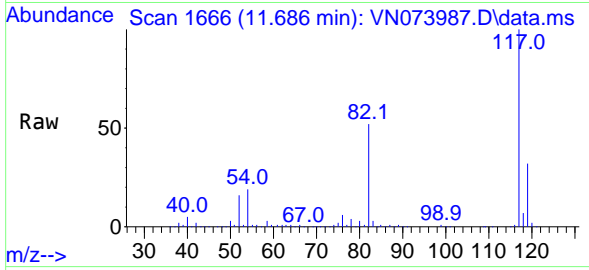
Tgt Ion: 95 Resp: 407437
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 167.6
 176 90.2 0.0 163.4



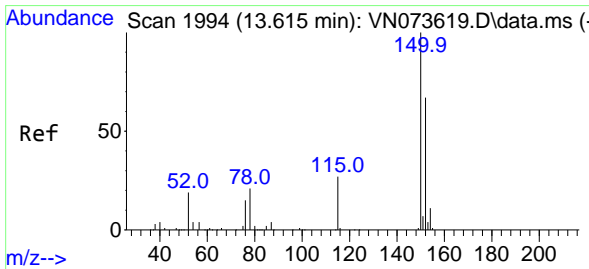
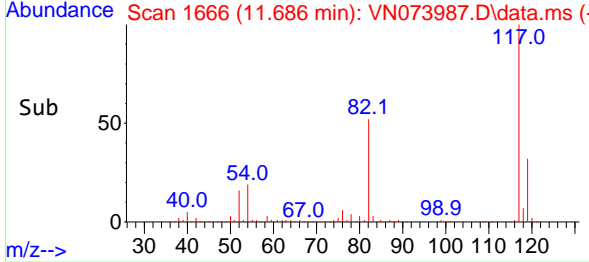
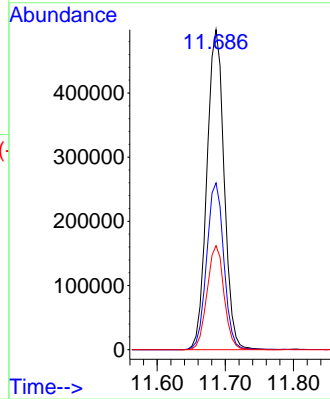


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.686 min Scan# 1177
 Delta R.T. 0.000 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39

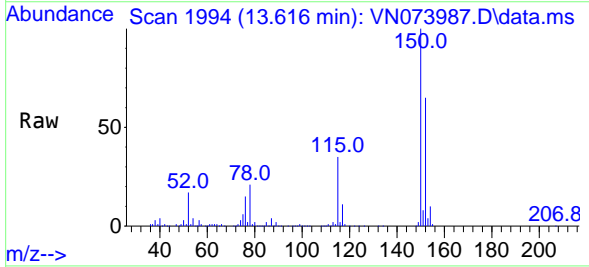
Instrument : MSVOA_N
 ClientSampleId : MW-14



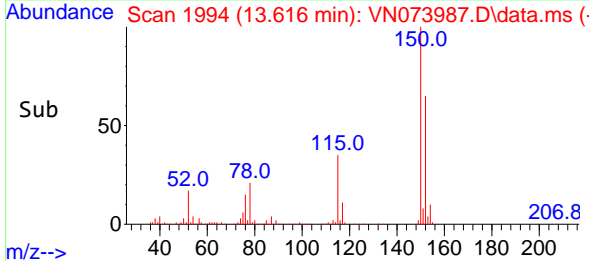
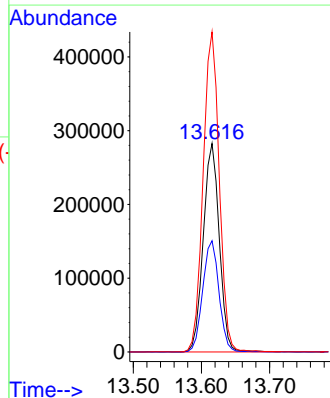
Tgt Ion:117 Resp: 876796
 Ion Ratio Lower Upper
 117 100
 82 52.1 44.2 66.2
 119 32.5 25.4 38.0

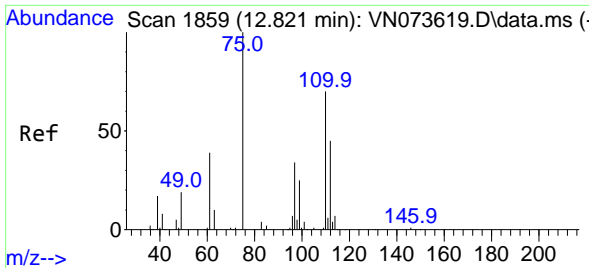


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39



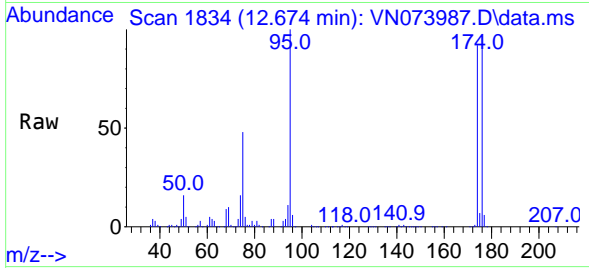
Tgt Ion:152 Resp: 462381
 Ion Ratio Lower Upper
 152 100
 115 54.2 28.9 86.7
 150 154.8 0.0 356.2



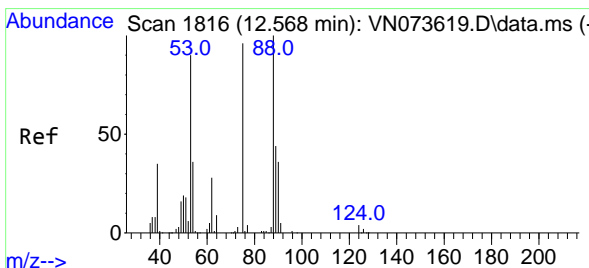
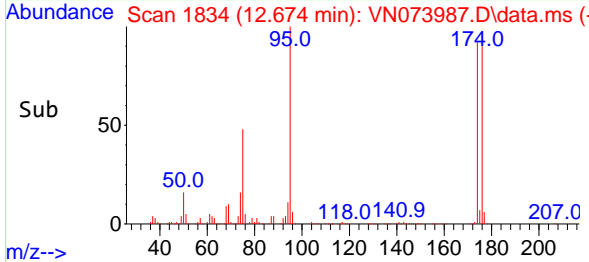
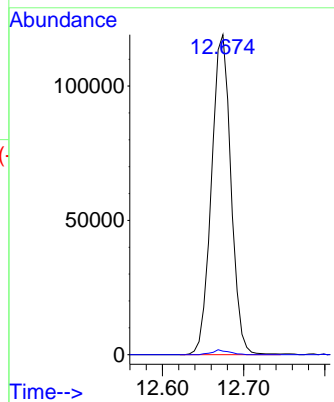


#76
 1,2,3-Trichloropropane
 Concen: 20.651 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39

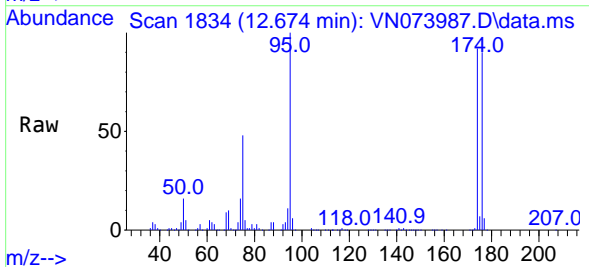
Instrument : MSVOA_N
 ClientSampleId : MW-14



Tgt Ion: 75 Resp: 198468
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.735 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. 0.106 min
 Lab File: VN073987.D
 Acq: 17 Aug 2022 19:39



Tgt Ion: 75 Resp: 198468
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

