

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074568.D
 Acq On : 17 Sep 2022 20:08
 Operator : JC\MD
 Sample : N4647-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1034-MW-01(23)

Quant Time: Sep 19 02:58:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

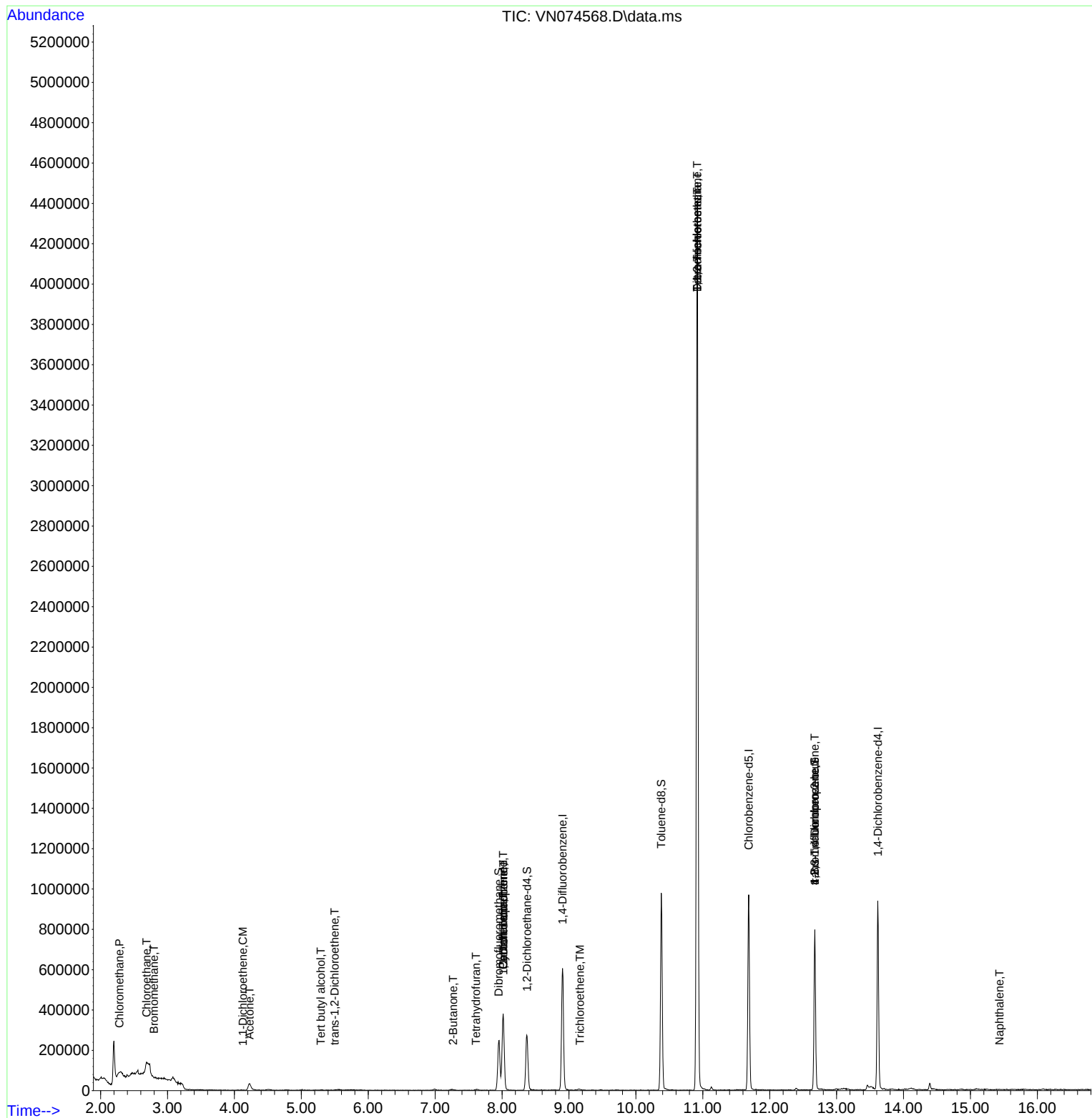
Internal Standards						
1) Pentafluorobenzene	8.016	168	262716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	505567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	503916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	214855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	210848	47.301	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.600%
35) Dibromofluoromethane	7.951	113	171916	51.190	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.380%
50) Toluene-d8	10.380	98	625529	48.162	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.674	95	233546	52.501	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.000%
Target Compounds						
					Qvalue	
3) Chloromethane	2.281	50	3432	0.968	ug/l #	43
5) Bromomethane	2.799	94	580	0.214	ug/l #	11
6) Chloroethane	2.687	64	10432	2.967	ug/l #	78
11) Tert butyl alcohol	5.293	59	2044	1.408	ug/l #	91
12) 1,1-Dichloroethene	4.128	96	71	0.705	ug/l #	1
16) Acetone	4.228	43	58841	20.628	ug/l	91
21) trans-1,2-Dichloroethene	5.498	96	54	0.443	ug/l #	1
25) 2-Butanone	7.269	43	2788	0.589	ug/l	93
28) Bromochloromethane	7.487	49	57	Below Cal	#	8
29) Tetrahydrofuran	7.610	42	2365	0.760	ug/l #	70
31) Cyclohexane	8.016	56	9275	1.172	ug/l #	38
36) 1,1-Dichloropropene	8.022	75	26763	4.502	ug/l #	44
38) Carbon Tetrachloride	8.016	117	27708	5.048	ug/l #	16
44) Trichloroethene	9.163	130	2204	0.554	ug/l	89
55) 1,1,2-Trichloroethane	10.916	97	9201	2.015	ug/l #	9
60) Dibromochloromethane	10.916	129	791440	181.069	ug/l #	11
64) Tetrachloroethene	10.916	164	828558	239.590	ug/l	94
76) 1,2,3-Trichloropropane	12.674	75	139474	21.090	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	139474	45.518	ug/l #	10
95) Naphthalene	15.433	128	319	1.606	ug/l #	69

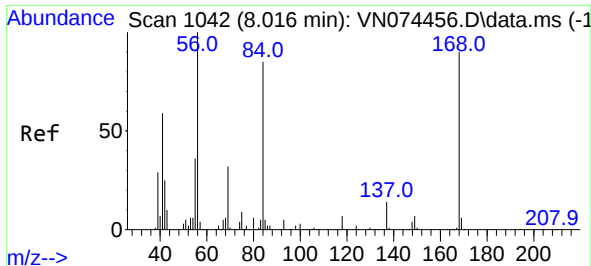
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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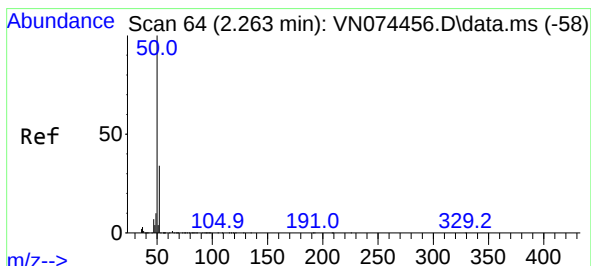
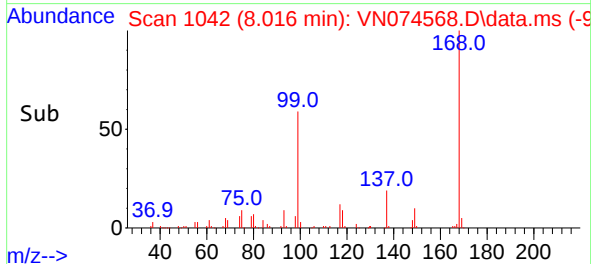
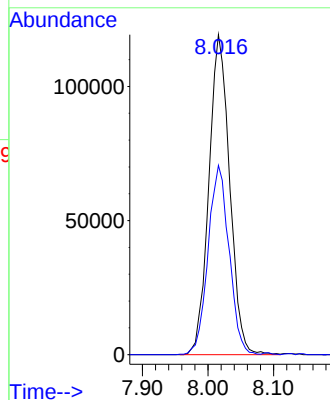
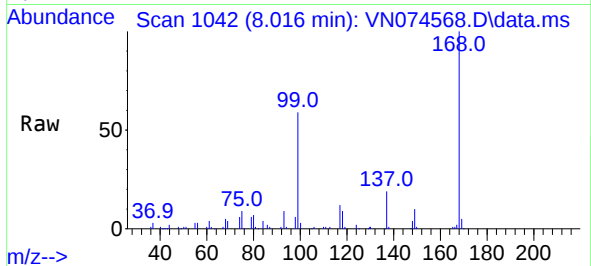




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

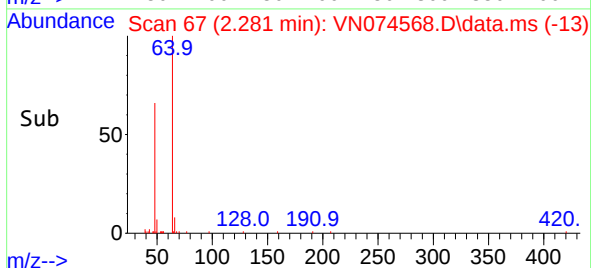
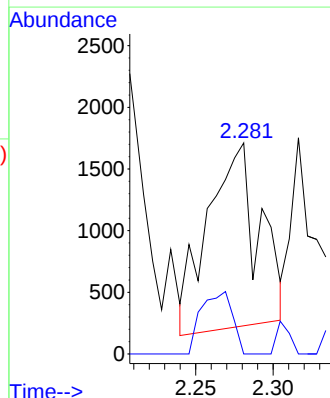
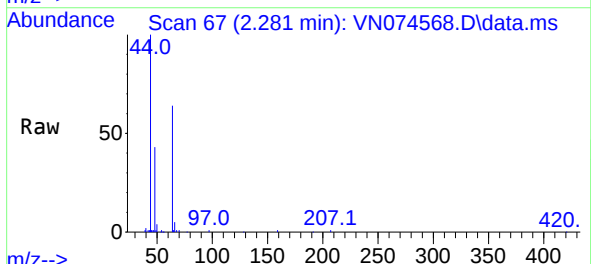
Instrument :
MSVOA_N
ClientSampleId :
1034-MW-01(23)

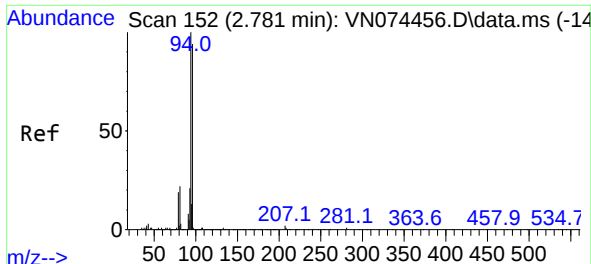
Tgt Ion:168 Resp: 262716
Ion Ratio Lower Upper
168 100
99 59.1 42.3 63.5



#3
Chloromethane
Concen: 0.968 ug/l
RT: 2.281 min Scan# 67
Delta R.T. 0.018 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

Tgt Ion: 50 Resp: 3432
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

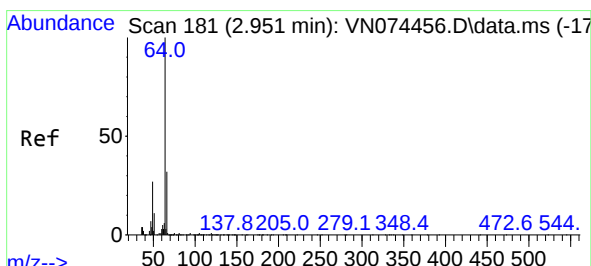
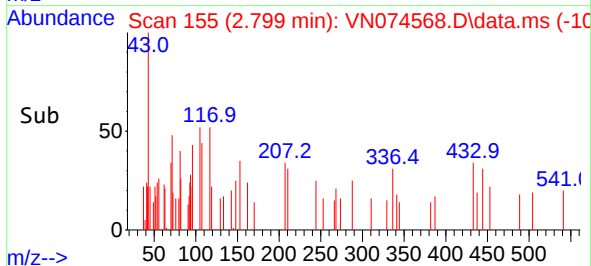
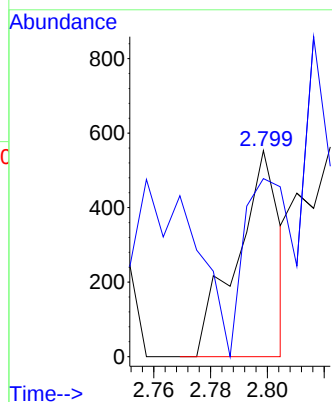
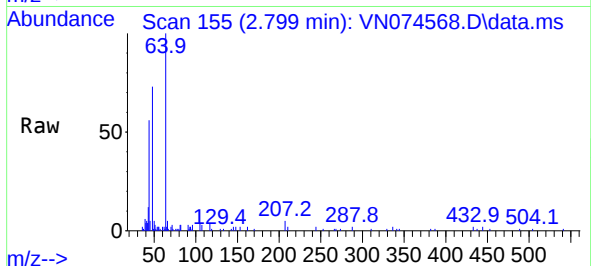




#5
Bromomethane
Concen: 0.214 ug/l
RT: 2.799 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

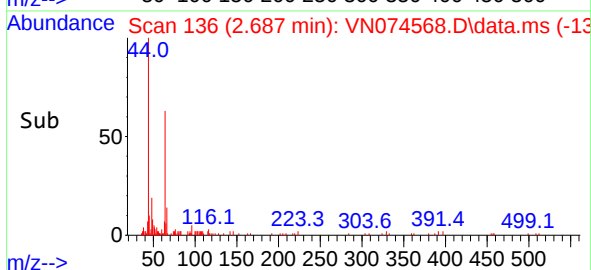
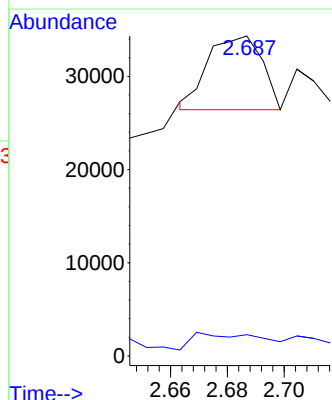
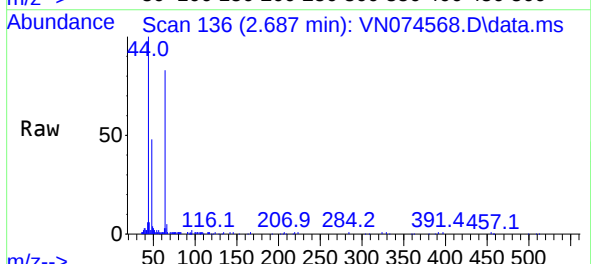
Instrument :
MSVOA_N
ClientSampleId :
1034-MW-01(23)

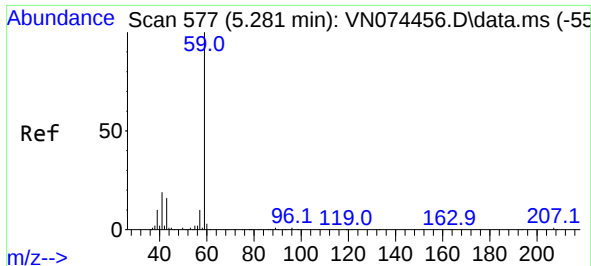
Tgt Ion: 94 Resp: 580
Ion Ratio Lower Upper
94 100
96 8.3 76.0 114.0#



#6
Chloroethane
Concen: 2.967 ug/l
RT: 2.687 min Scan# 136
Delta R.T. -0.264 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

Tgt Ion: 64 Resp: 10432
Ion Ratio Lower Upper
64 100
66 20.6 26.2 39.4#

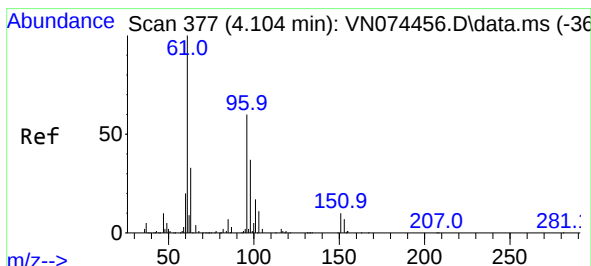
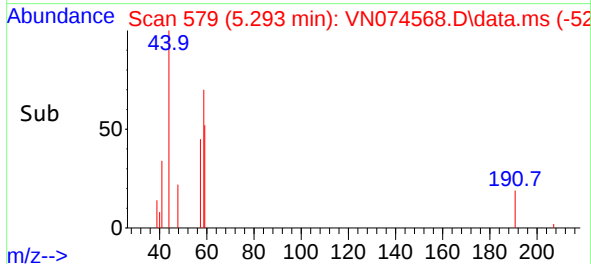
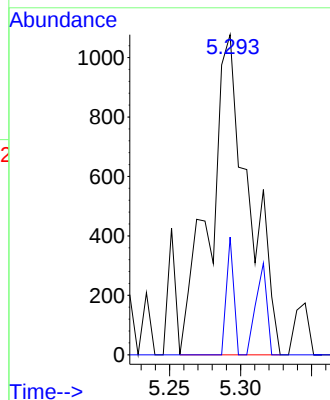
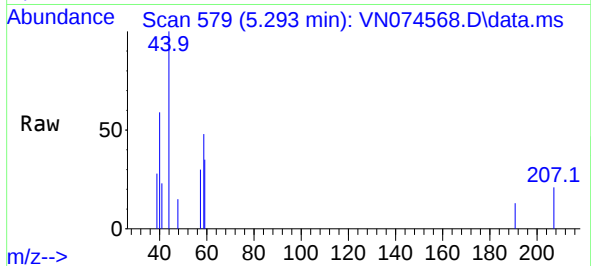




#11
Tert butyl alcohol
Concen: 1.408 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

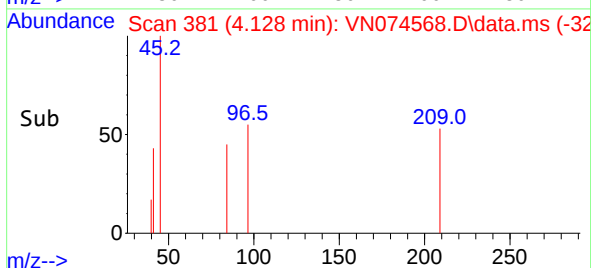
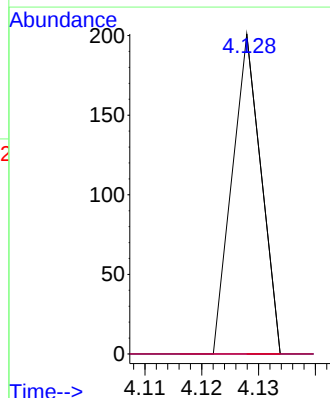
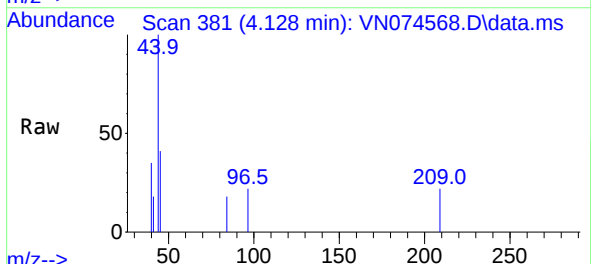
Instrument :
MSVOA_N
ClientSampleId :
1034-MW-01(23)

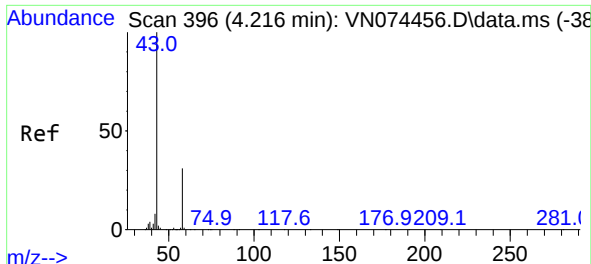
Tgt Ion: 59 Resp: 2044
Ion Ratio Lower Upper
59 100
57 6.8 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.705 ug/l
RT: 4.128 min Scan# 381
Delta R.T. 0.024 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

Tgt Ion: 96 Resp: 71
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#

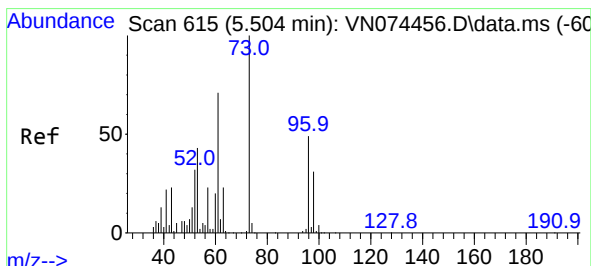
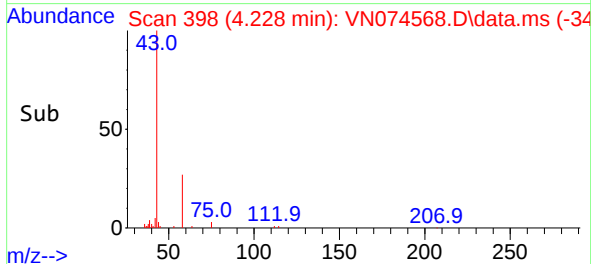
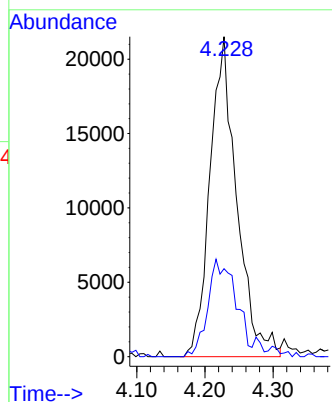
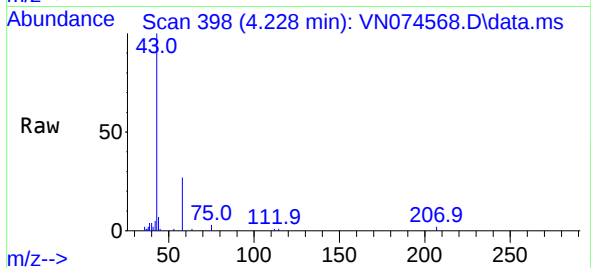




#16
Acetone
Concen: 20.628 ug/l
RT: 4.228 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

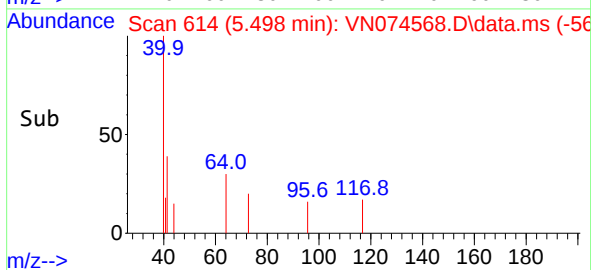
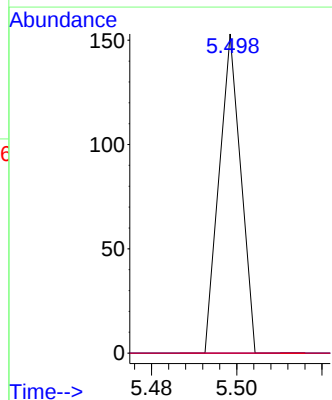
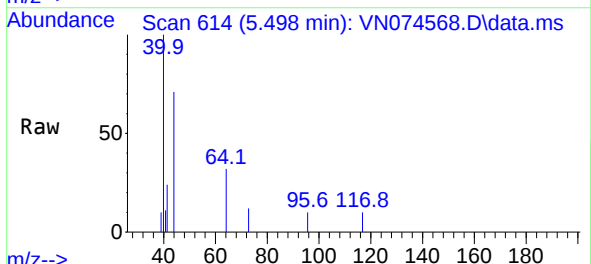
Instrument :
MSVOA_N
ClientSampleId :
1034-MW-01(23)

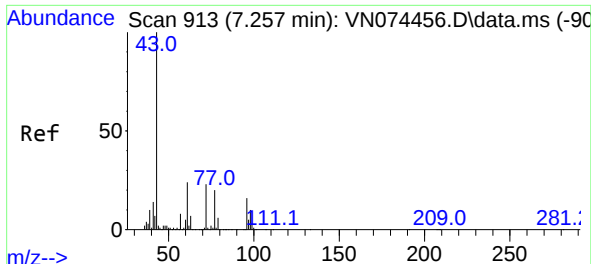
Tgt Ion: 43 Resp: 58841
Ion Ratio Lower Upper
43 100
58 27.5 26.0 39.0



#21
trans-1,2-Dichloroethene
Concen: 0.443 ug/l
RT: 5.498 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

Tgt Ion: 96 Resp: 54
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#

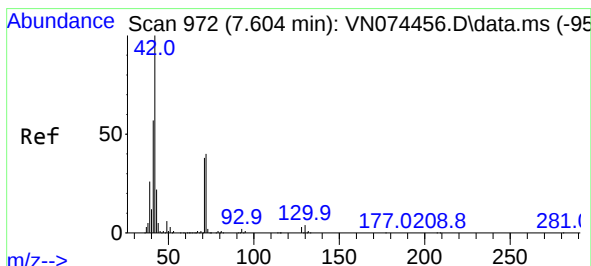
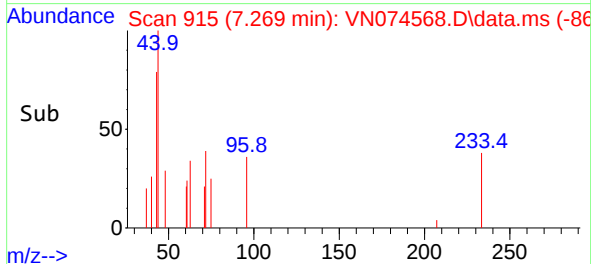
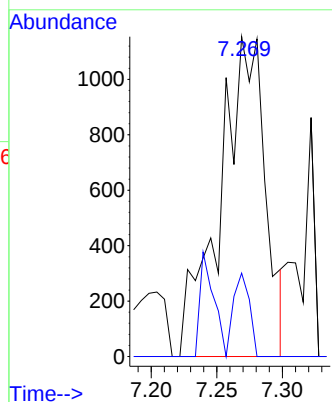
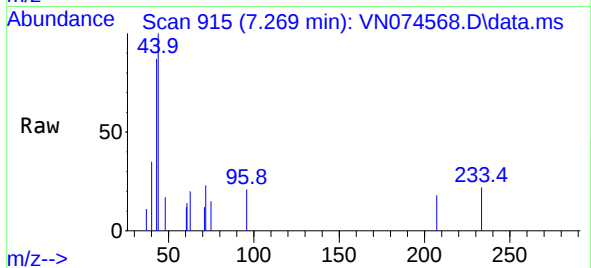




#25
2-Butanone
Concen: 0.589 ug/l
RT: 7.269 min Scan# 913
Delta R.T. 0.012 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

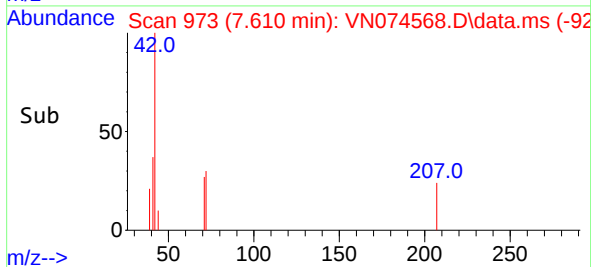
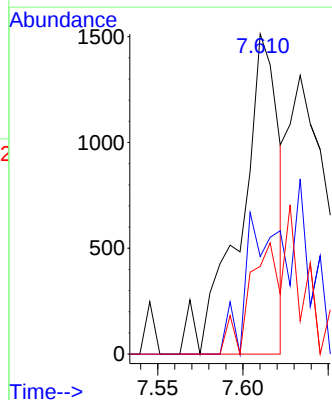
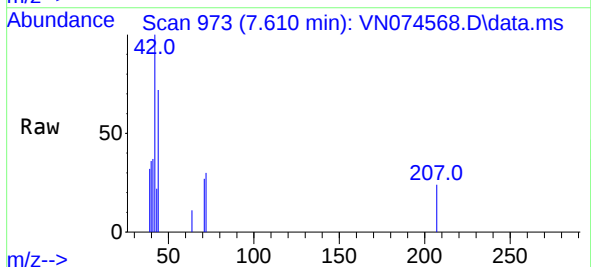
Instrument :
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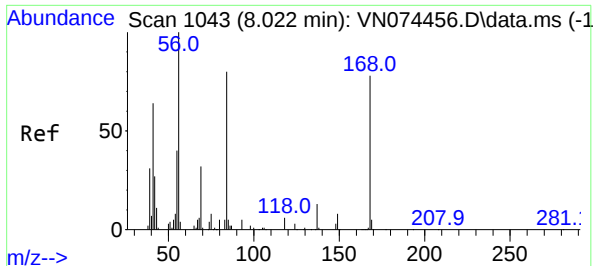
Tgt Ion: 43 Resp: 2788
Ion Ratio Lower Upper
43 100
72 26.1 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.760 ug/l
RT: 7.610 min Scan# 973
Delta R.T. 0.006 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

Tgt Ion: 42 Resp: 2365
Ion Ratio Lower Upper
42 100
72 28.8 39.7 59.5#
71 26.8 36.6 55.0#





#31

Cyclohexane

Concen: 1.172 ug/l

RT: 8.016 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VN074568.D

Acq: 17 Sep 2022 20:08

Instrument :

MSVOA_N

ClientSampleId :

1034-MW-01(23)

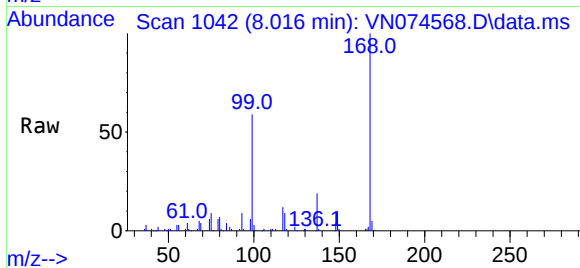
Tgt Ion: 56 Resp: 9275

Ion Ratio Lower Upper

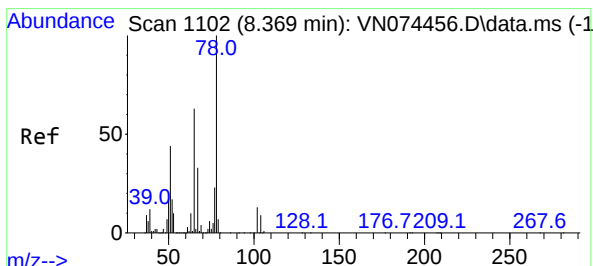
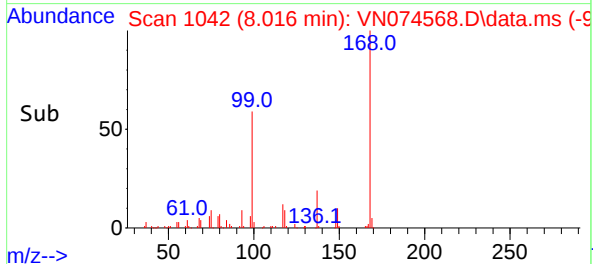
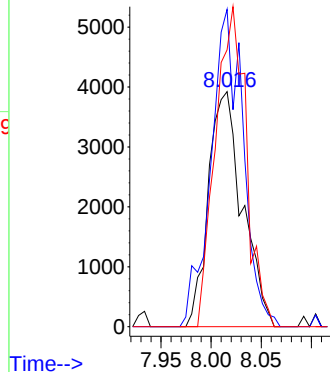
56 100

69 135.0 27.8 41.8#

84 117.8 76.9 115.3#



Abundance



#33

1,2-Dichloroethane-d4

Concen: 47.301 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074568.D

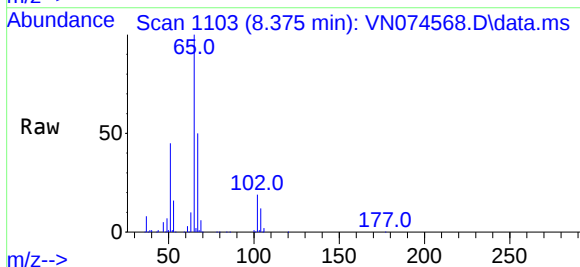
Acq: 17 Sep 2022 20:08

Tgt Ion: 65 Resp: 210848

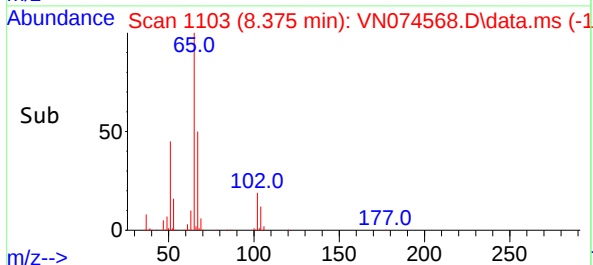
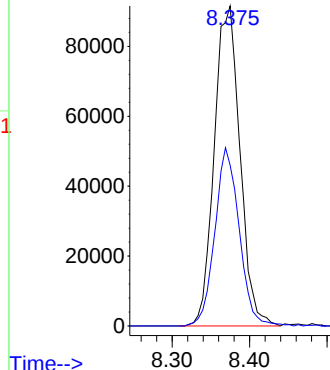
Ion Ratio Lower Upper

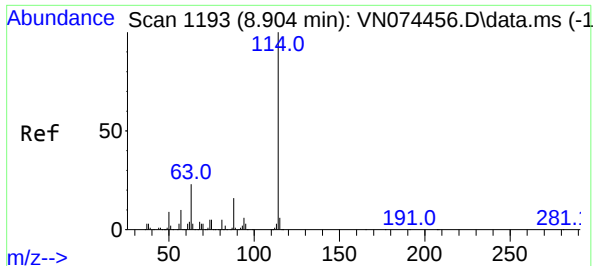
65 100

67 52.7 0.0 104.8



Abundance





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074568.D

Acq: 17 Sep 2022 20:08

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1034-MW-01(23)

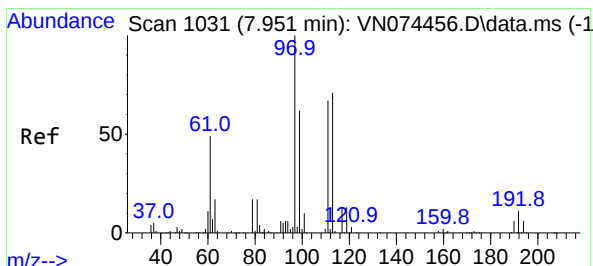
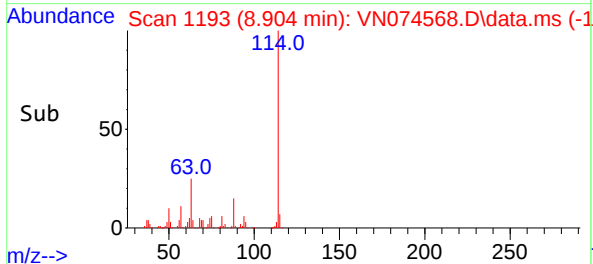
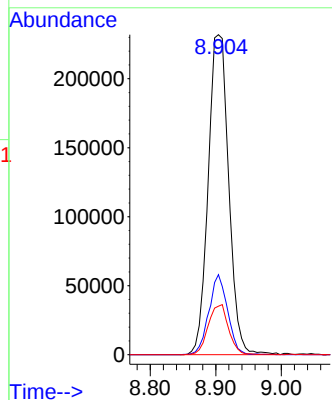
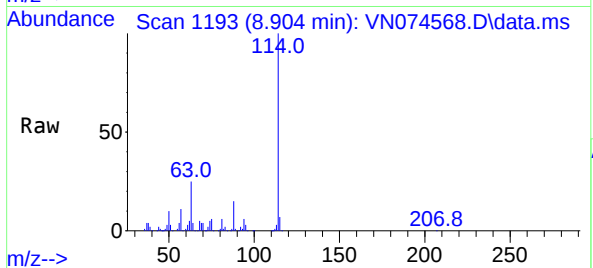
Tgt Ion:114 Resp: 505567

Ion Ratio Lower Upper

114 100

63 25.0 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.190 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074568.D

Acq: 17 Sep 2022 20:08

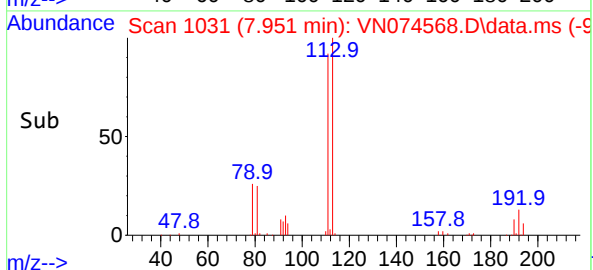
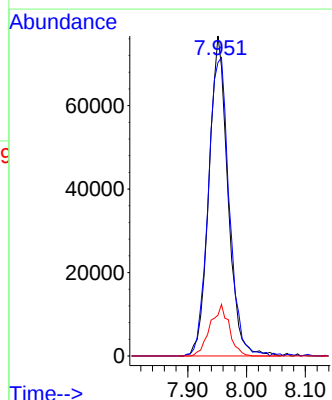
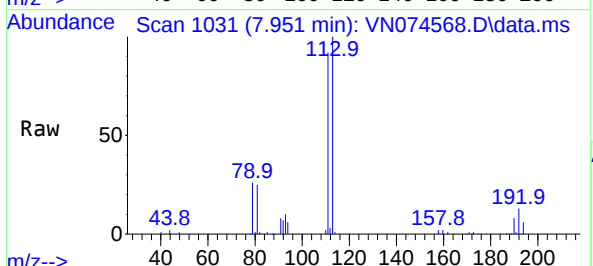
Tgt Ion:113 Resp: 171916

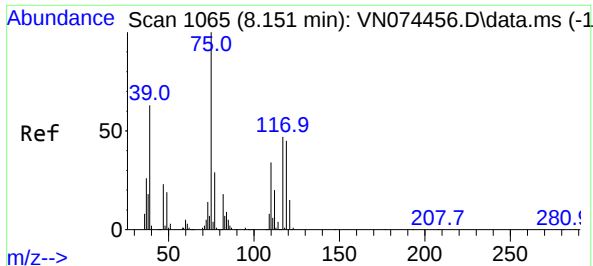
Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 16.1 17.0 25.6#

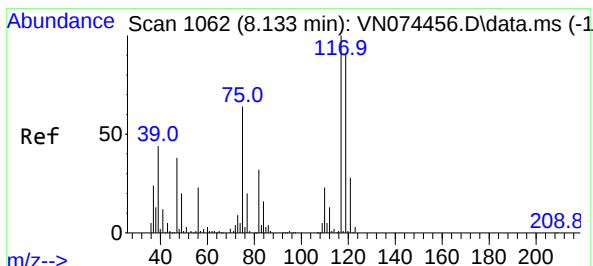
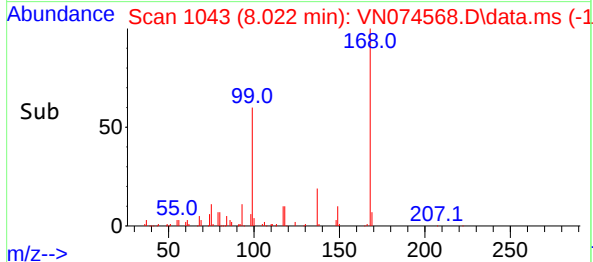
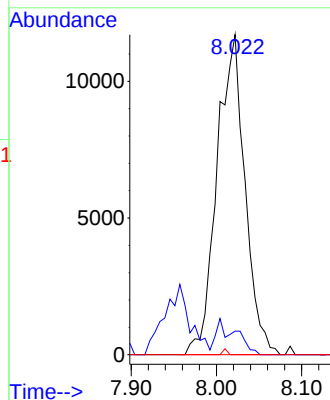
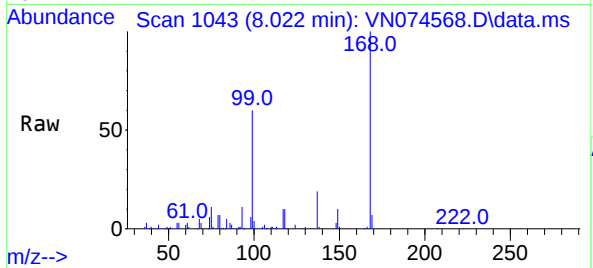




#36
1,1-Dichloropropene
Concen: 4.502 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

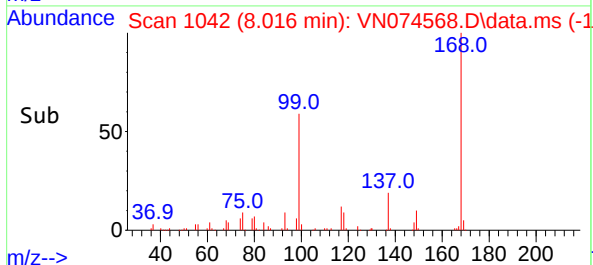
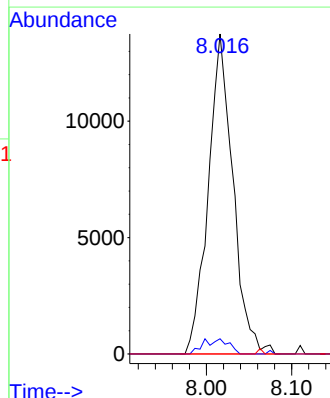
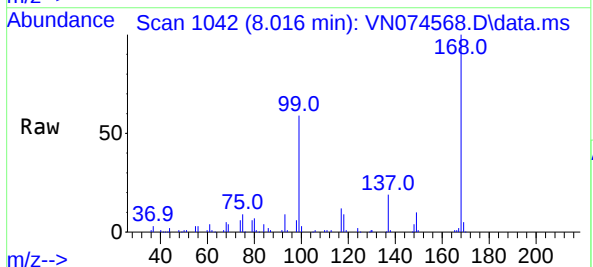
Instrument :
MSVOA_N
ClientSampleId :
1034-MW-01(23)

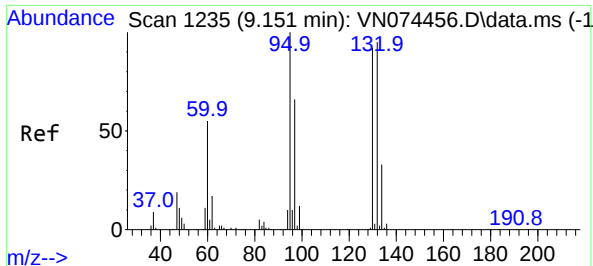
Tgt Ion: 75 Resp: 26763
Ion Ratio Lower Upper
75 100
110 3.6 18.3 54.8#
77 0.3 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.048 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

Tgt Ion: 117 Resp: 27708
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.8#
121 0.0 24.6 37.0#

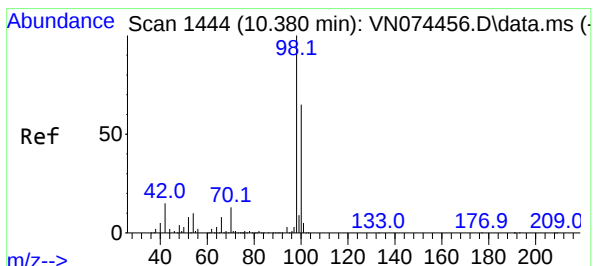
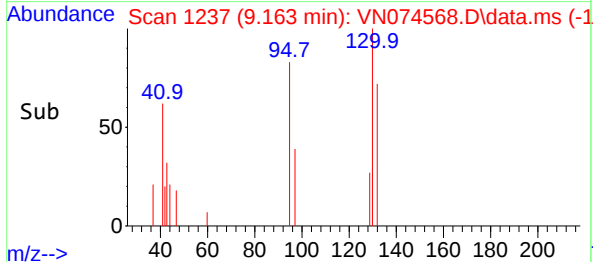
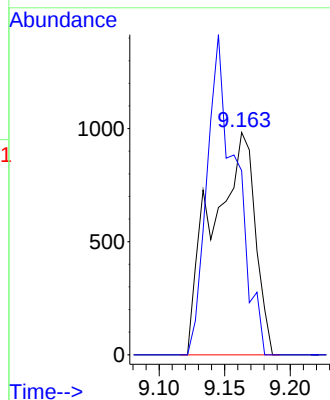
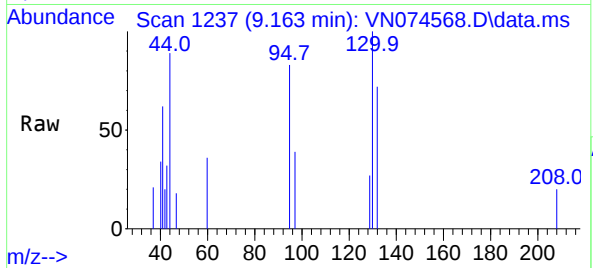




#44
 Trichloroethene
 Concen: 0.554 ug/l
 RT: 9.163 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VN074568.D
 Acq: 17 Sep 2022 20:08

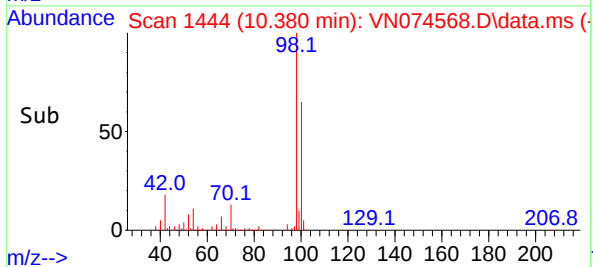
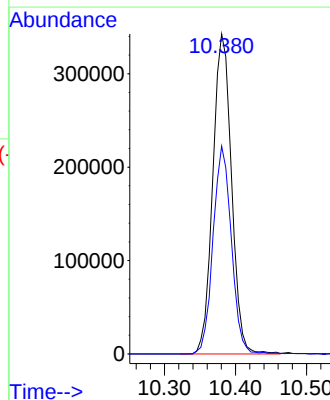
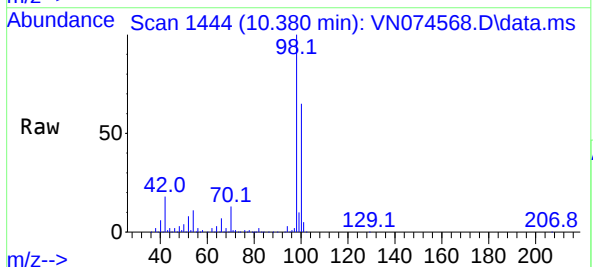
Instrument :
 MSVOA_N
 ClientSampleId :
 1034-MW-01(23)

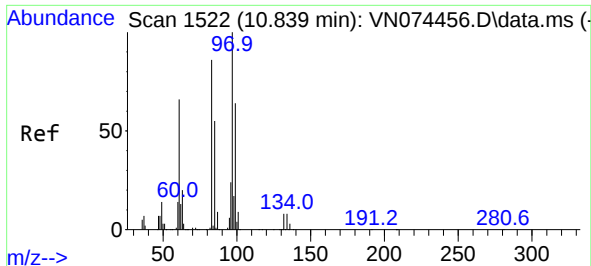
Tgt Ion:130 Resp: 2204
 Ion Ratio Lower Upper
 130 100
 95 82.8 0.0 186.8



#50
 Toluene-d8
 Concen: 48.162 ug/l
 RT: 10.380 min Scan# 1444
 Delta R.T. 0.000 min
 Lab File: VN074568.D
 Acq: 17 Sep 2022 20:08

Tgt Ion: 98 Resp: 625529
 Ion Ratio Lower Upper
 98 100
 100 63.6 52.6 78.8

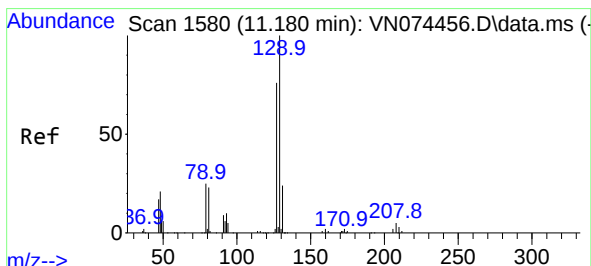
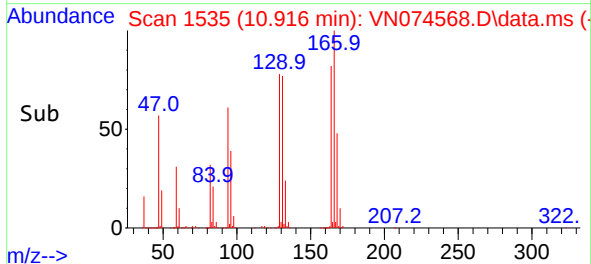
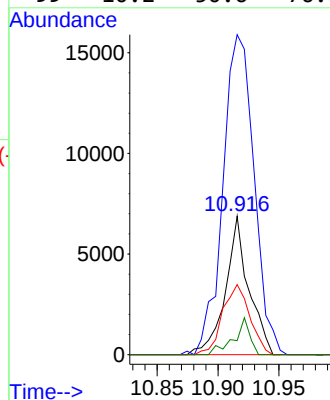
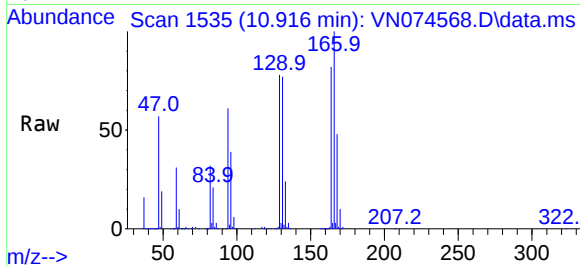




#55
1,1,2-Trichloroethane
Concen: 2.015 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.077 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

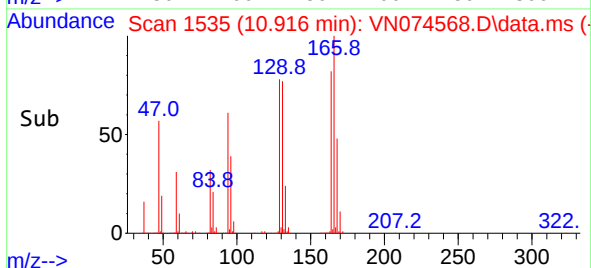
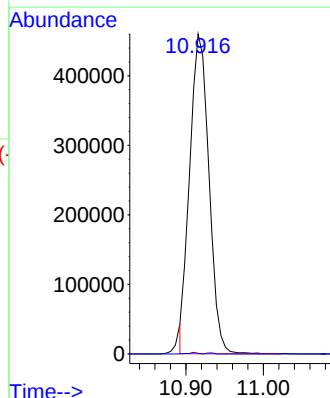
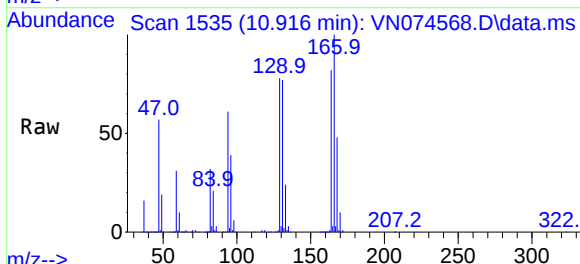
Instrument :
MSVOA_N
ClientSampleId :
1034-MW-01(23)

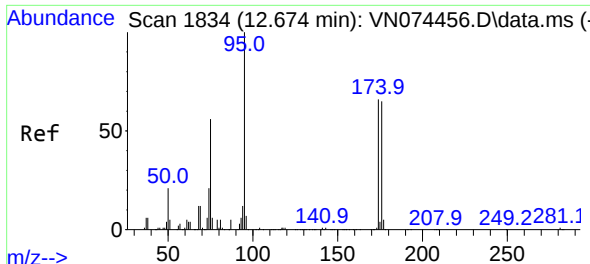
Tgt Ion:	97	Resp:	9201
Ion	Ratio	Lower	Upper
97	100		
83	231.1	66.2	99.4#
85	50.6	43.9	65.9
99	10.2	50.6	76.0#



#60
Dibromochloromethane
Concen: 181.069 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.264 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

Tgt Ion:	129	Resp:	791440
Ion	Ratio	Lower	Upper
129	100		
127	0.2	38.8	116.4#

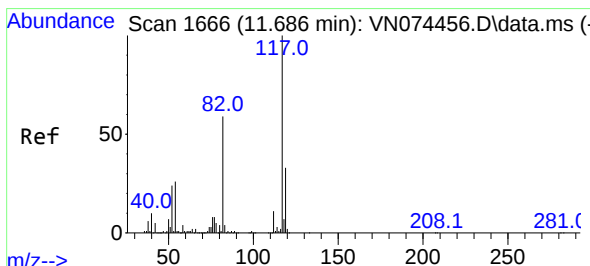
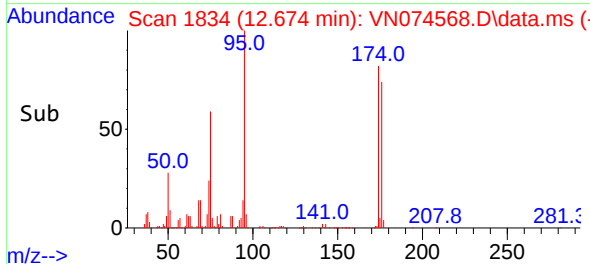
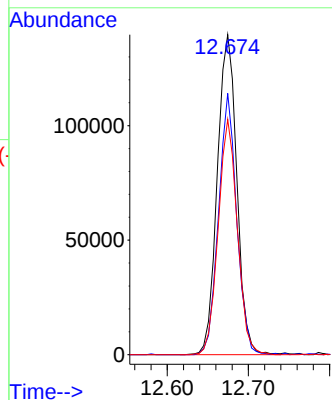
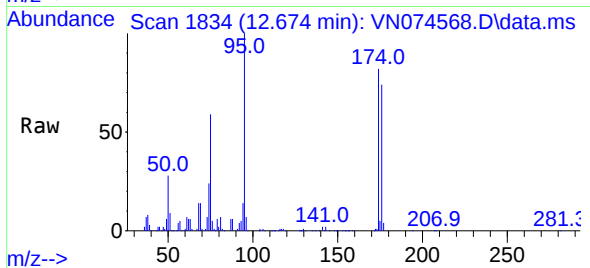




#62
4-Bromofluorobenzene
Concen: 52.501 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

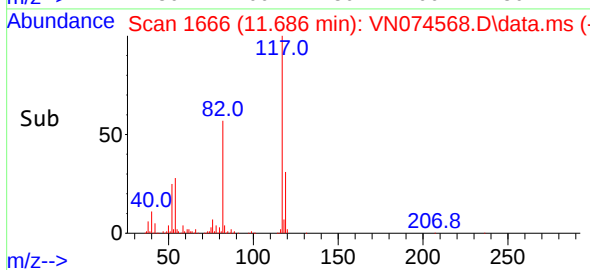
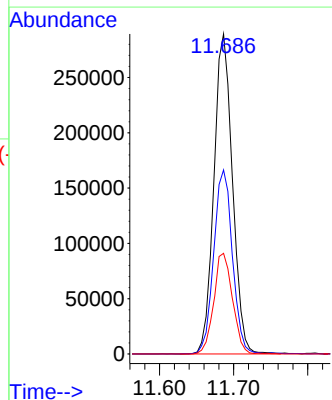
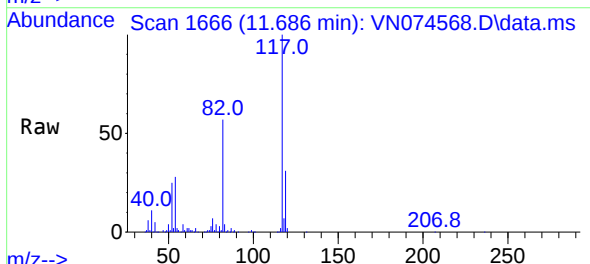
Instrument :
MSVOA_N
ClientSampleId :
1034-MW-01(23)

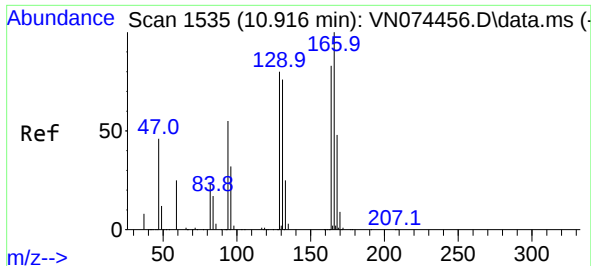
Tgt Ion: 95 Resp: 233546
Ion Ratio Lower Upper
95 100
174 75.8 0.0 167.6
176 71.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

Tgt Ion: 117 Resp: 503916
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 31.4 25.4 38.0



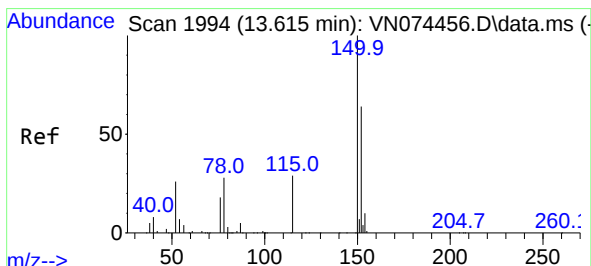
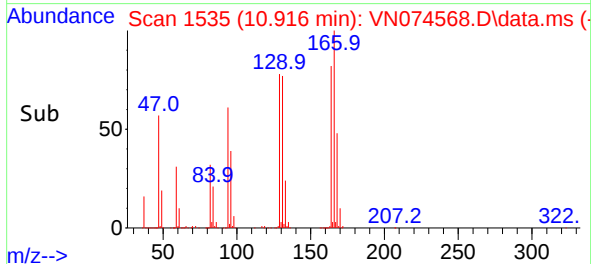
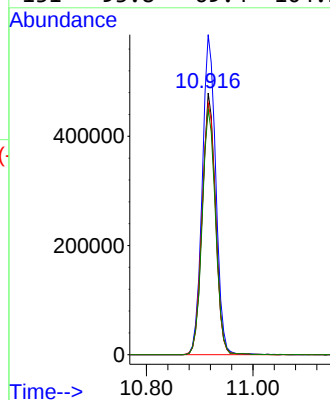
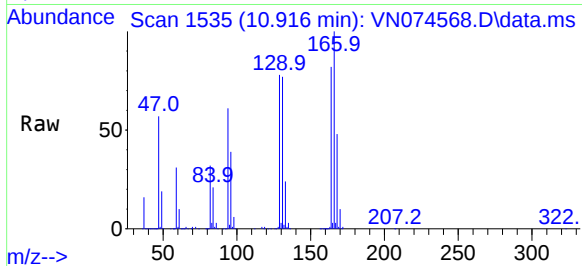


#64
Tetrachloroethene
Concen: 239.590 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

Instrument :
MSVOA_N
ClientSampleId :
1034-MW-01(23)

Tgt Ion:164 Resp: 828558

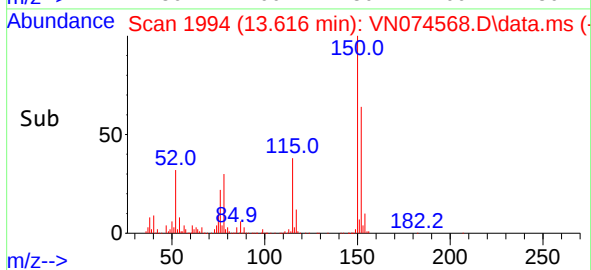
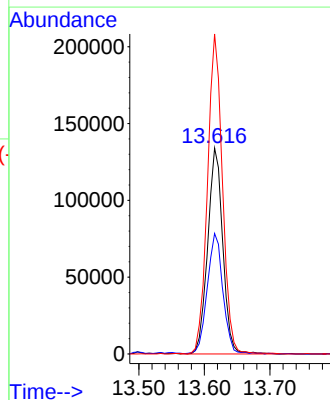
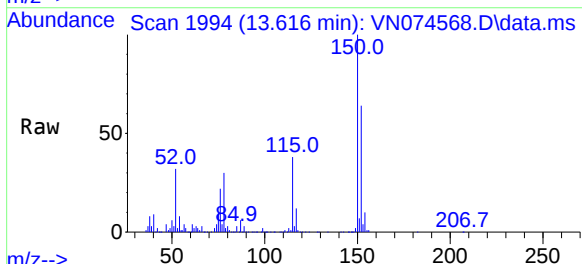
Ion	Ratio	Lower	Upper
164	100		
166	122.3	104.2	156.2
129	96.0	73.9	110.9
131	93.8	69.4	104.2

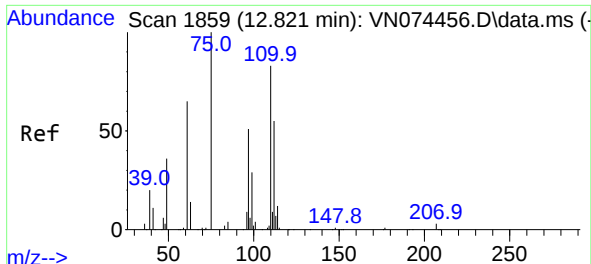


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

Tgt Ion:152 Resp: 214855

Ion	Ratio	Lower	Upper
152	100		
115	60.9	28.9	86.7
150	153.9	0.0	356.2

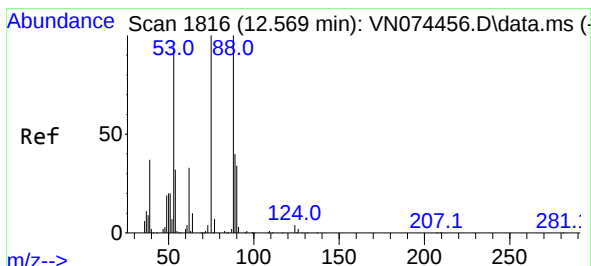
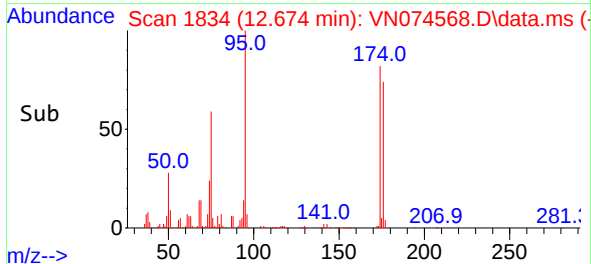
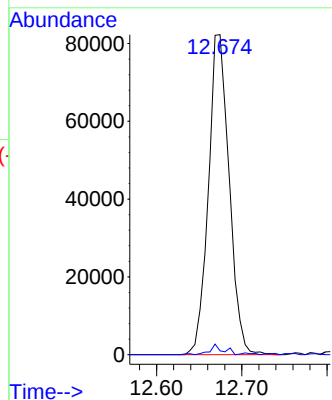
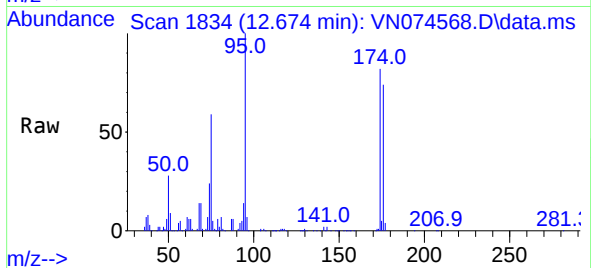




#76
1,2,3-Trichloropropane
Concen: 21.090 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

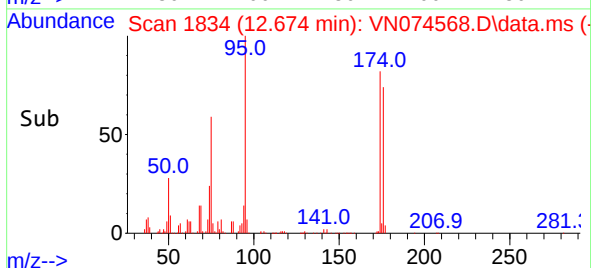
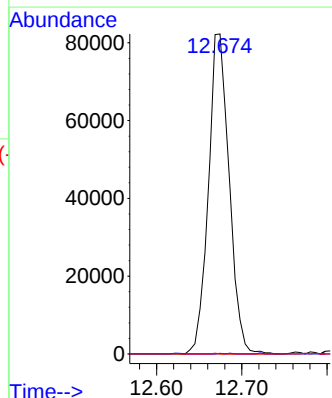
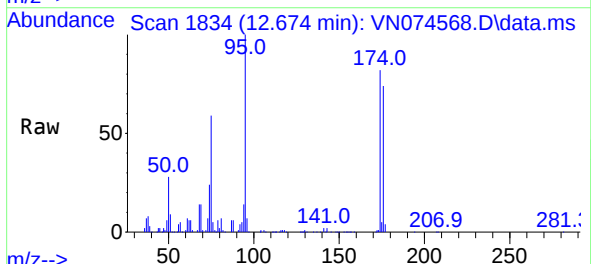
Instrument :
MSVOA_N
ClientSampleId :
1034-MW-01(23)

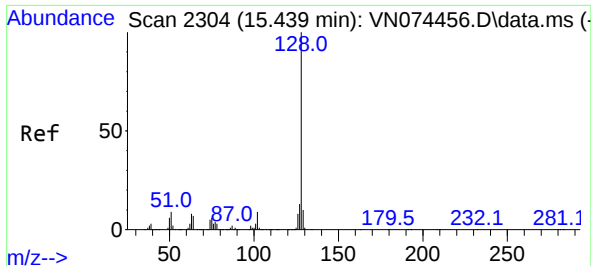
Tgt Ion: 75 Resp: 139474
Ion Ratio Lower Upper
75 100
77 2.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 45.518 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

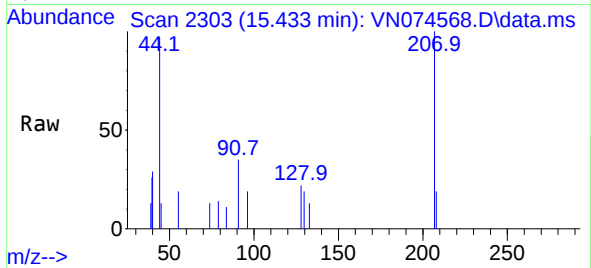
Tgt Ion: 75 Resp: 139474
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#





#95
Naphthalene
Concen: 1.606 ug/l
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

Instrument :
MSVOA_N
ClientSampleId :
1034-MW-01(23)



Tgt Ion:	128	Resp:	319
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

