

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074094.D
 Acq On : 24 Aug 2022 16:15
 Operator : JC\MD
 Sample : N4244-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 25 07:54:51 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	571943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	868502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	729122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	324007	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	291132	52.261	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.520%
35) Dibromofluoromethane	7.951	113	262144	51.038	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.080%
50) Toluene-d8	10.380	98	969376	48.731	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.674	95	306882	46.484	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.960%

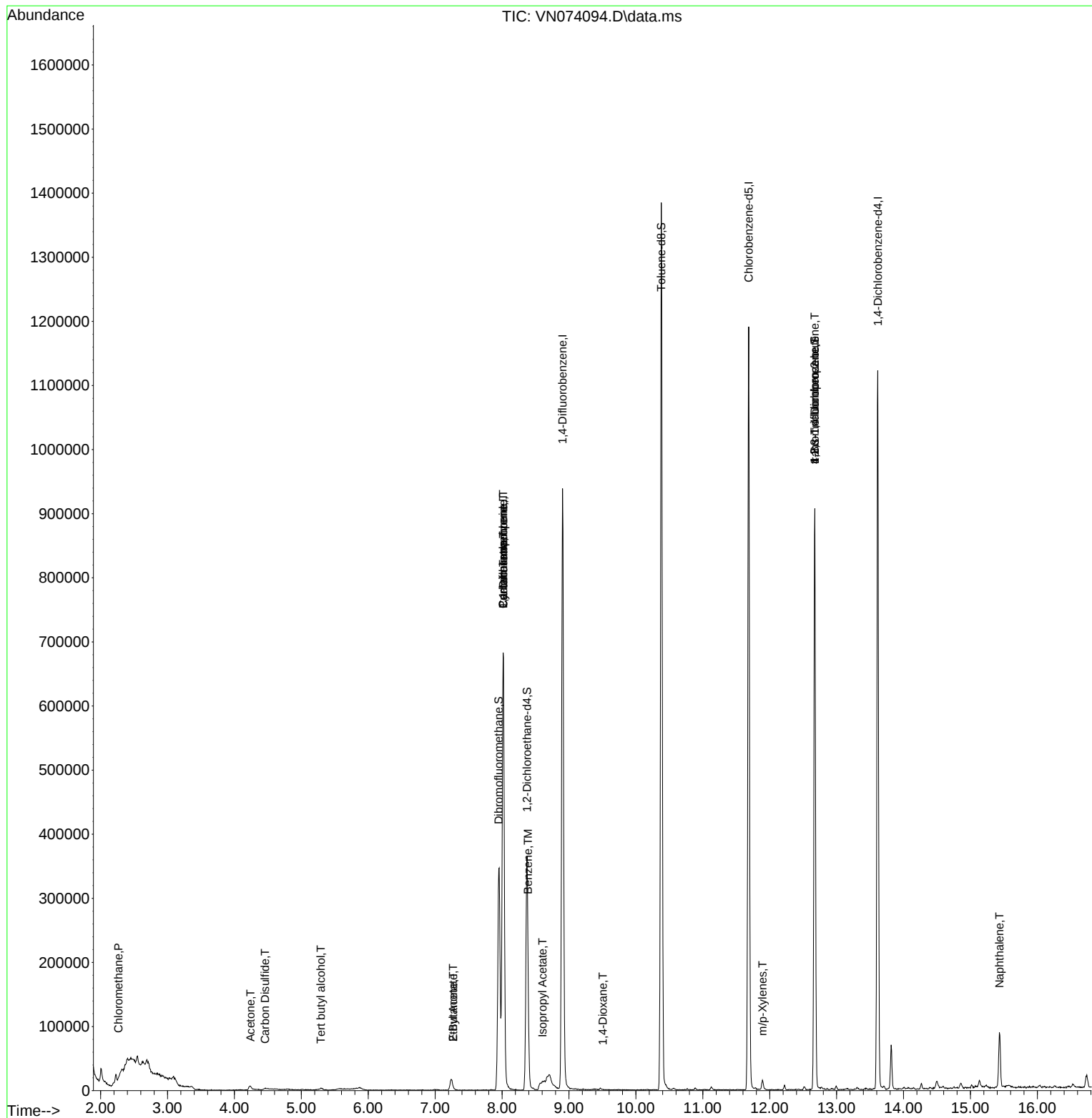
Target Compounds					Qvalue	
3) Chloromethane	2.269	50	1304	0.259	ug/l #	83
11) Tert butyl alcohol	5.292	59	5231	4.198	ug/l #	76
16) Acetone	4.240	43	11379	4.330	ug/l #	86
17) Carbon Disulfide	4.457	76	5419	0.505	ug/l #	88
18) Methyl Acetate	4.787	43	2981	Below Cal	#	75
25) 2-Butanone	7.269	43	2717	0.652	ug/l #	83
31) Cyclohexane	8.016	56	10321	1.329	ug/l #	4
36) 1,1-Dichloropropene	8.016	75	38961	5.461	ug/l #	49
37) Ethyl Acetate	7.269	43	2717	0.314	ug/l #	67
38) Carbon Tetrachloride	8.016	117	50742	6.223	ug/l #	17
40) Benzene	8.386	78	27438	1.219	ug/l	96
43) Isopropyl Acetate	8.604	43	14314	1.163	ug/l #	53
49) 1,4-Dioxane	9.504	88	214	1.366	ug/l #	79
68) m/p-Xylenes	11.892	106	4509	0.431	ug/l	96
76) 1,2,3-Trichloropropane	12.674	75	148740	22.086	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	148740	62.818	ug/l #	10
95) Naphthalene	15.433	128	82584	3.639	ug/l	99

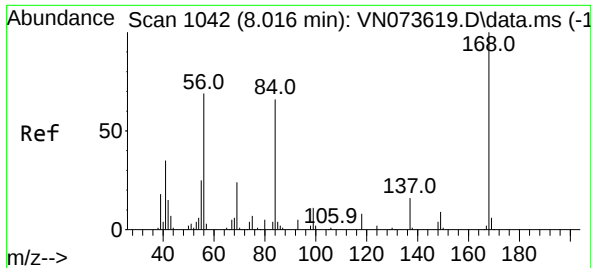
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 16 00:45:21 2022
Response via : Initial Calibration

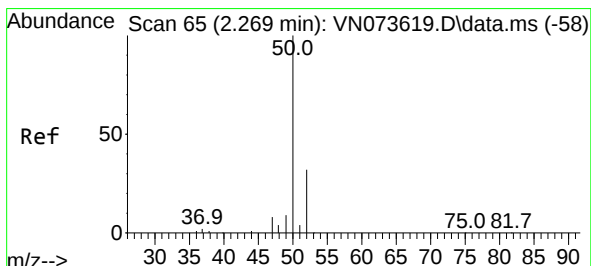
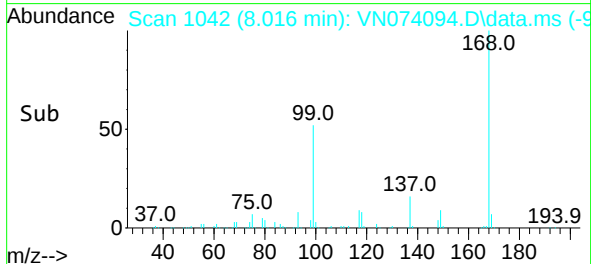
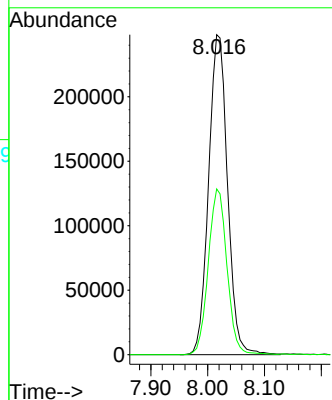
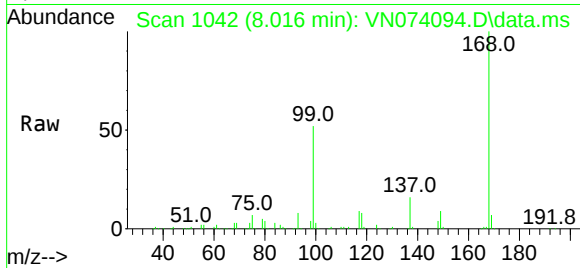




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074094.D
Acq: 24 Aug 2022 16:15

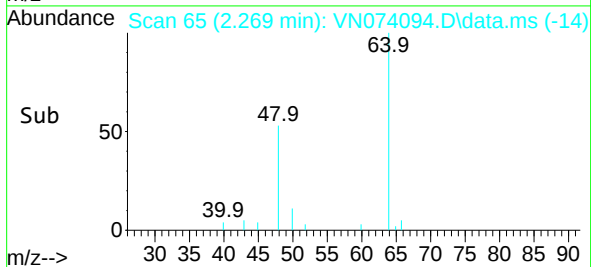
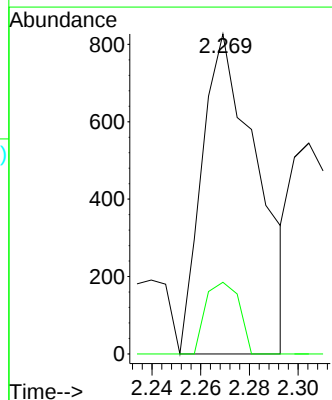
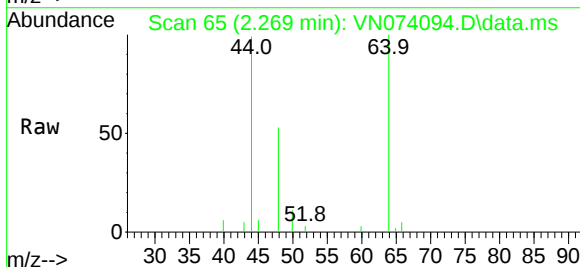
Instrument :
MSVOA_N
ClientSampleId :

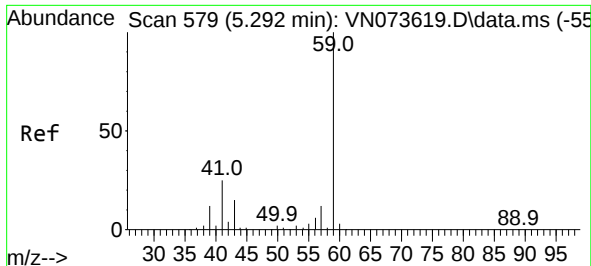
Tgt Ion:168 Resp: 571943
Ion Ratio Lower Upper
168 100
99 51.8 42.3 63.5



#3
Chloromethane
Concen: 0.259 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074094.D
Acq: 24 Aug 2022 16:15

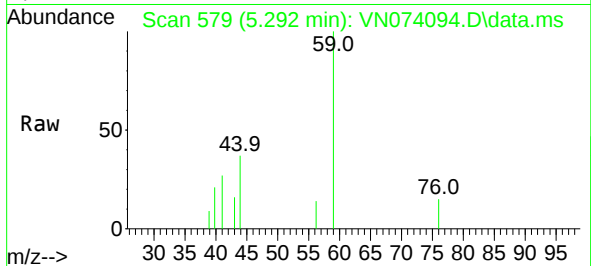
Tgt Ion: 50 Resp: 1304
Ion Ratio Lower Upper
50 100
52 22.4 25.7 38.5#



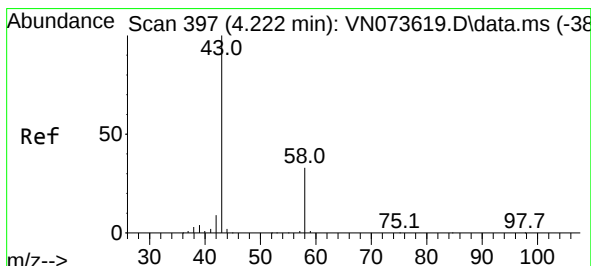
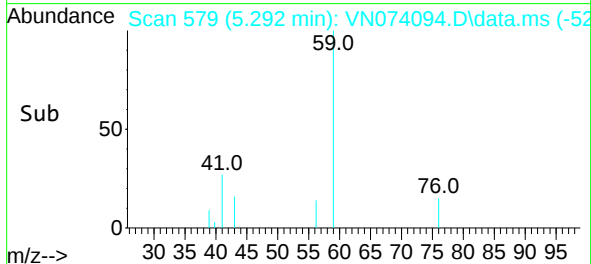
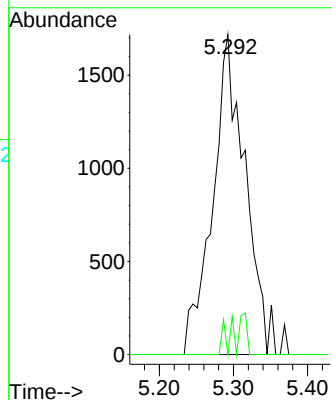


#11
Tert butyl alcohol
Concen: 4.198 ug/l
RT: 5.292 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074094.D
Acq: 24 Aug 2022 16:15

Instrument :
MSVOA_N
ClientSampleId :

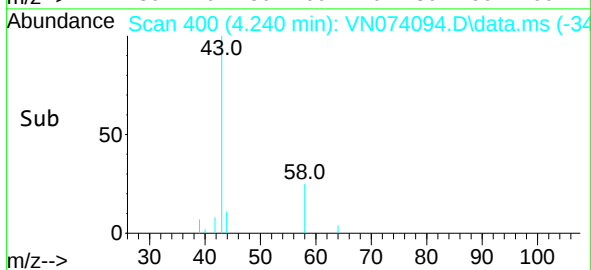
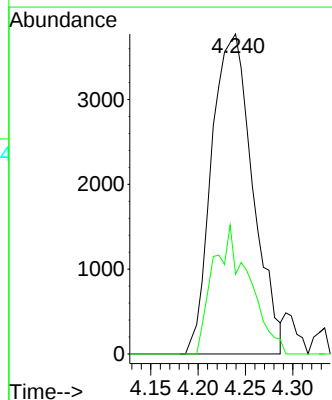
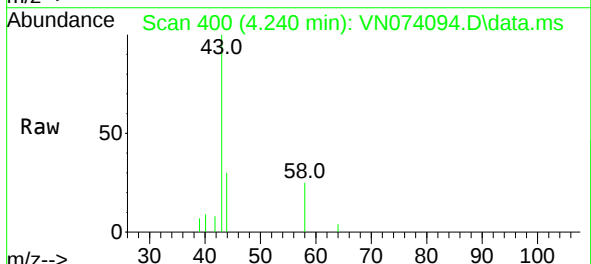


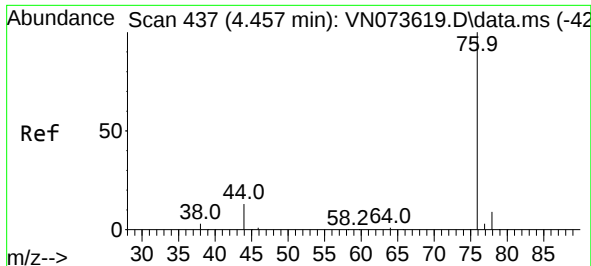
Tgt Ion: 59 Resp: 5231
Ion Ratio Lower Upper
59 100
57 1.3 8.3 12.5#



#16
Acetone
Concen: 4.330 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN074094.D
Acq: 24 Aug 2022 16:15

Tgt Ion: 43 Resp: 11379
Ion Ratio Lower Upper
43 100
58 24.9 26.0 39.0#





#17

Carbon Disulfide

Concen: 0.505 ug/l

RT: 4.457 min Scan# 41

Delta R.T. 0.000 min

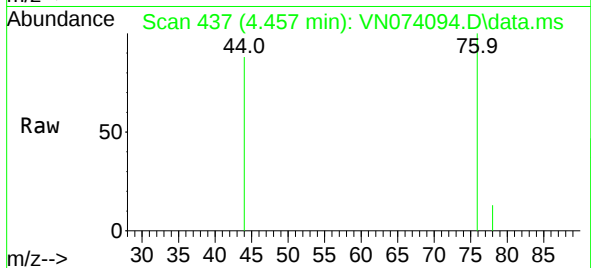
Lab File: VN074094.D

Acq: 24 Aug 2022 16:15

Instrument :

MSVOA_N

ClientSampleId :

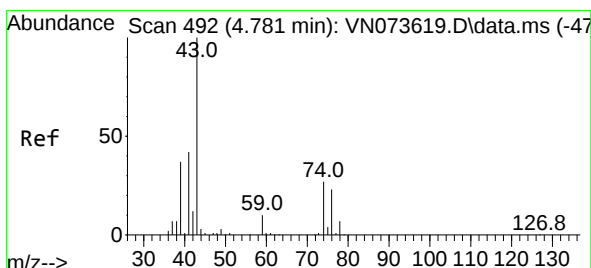
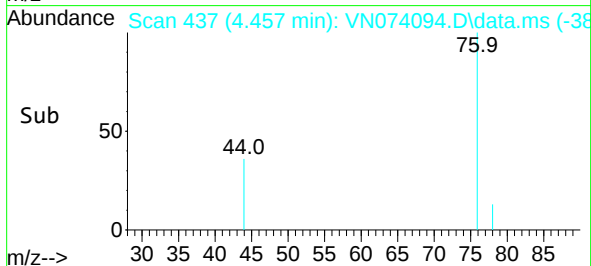
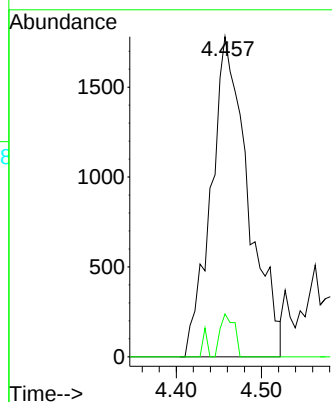


Tgt Ion: 76 Resp: 5419

Ion Ratio Lower Upper

76 100

78 13.4 7.2 10.8#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.787 min Scan# 493

Delta R.T. 0.006 min

Lab File: VN074094.D

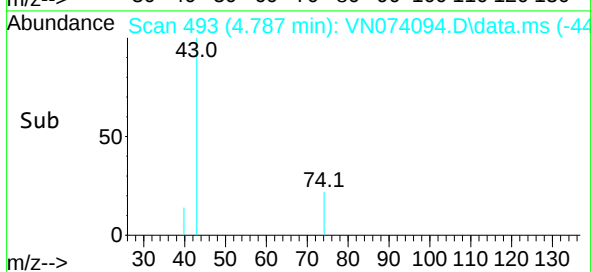
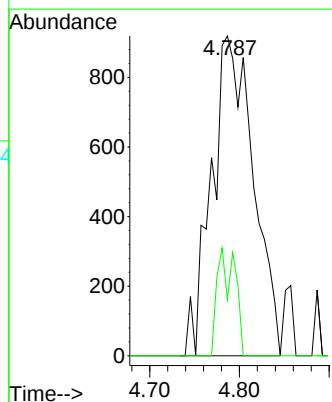
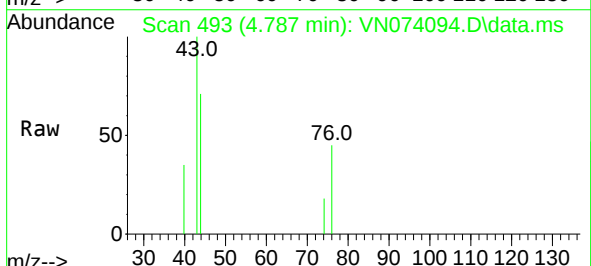
Acq: 24 Aug 2022 16:15

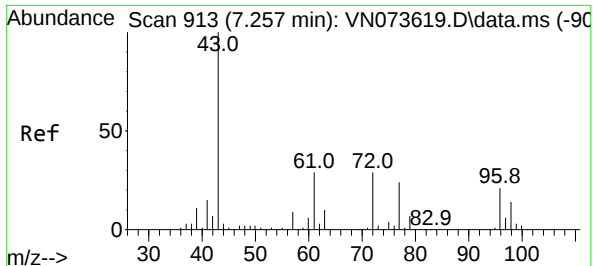
Tgt Ion: 43 Resp: 2981

Ion Ratio Lower Upper

43 100

74 14.2 21.6 32.4#





#25

2-Butanone

Concen: 0.652 ug/l

RT: 7.269 min Scan# 913

Delta R.T. 0.012 min

Lab File: VN074094.D

Acq: 24 Aug 2022 16:15

Instrument :

MSVOA_N

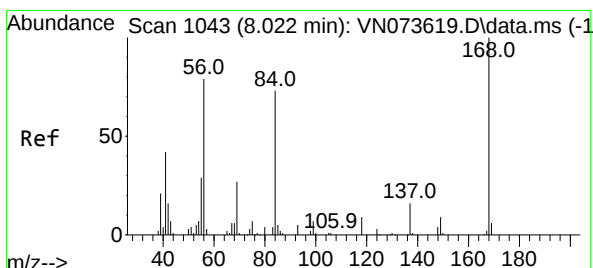
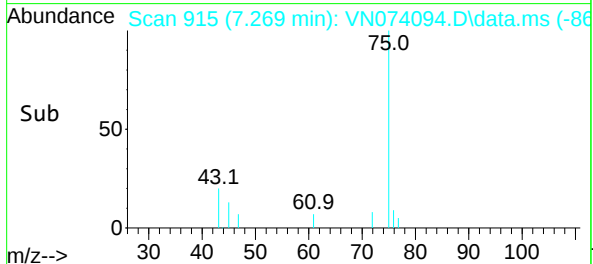
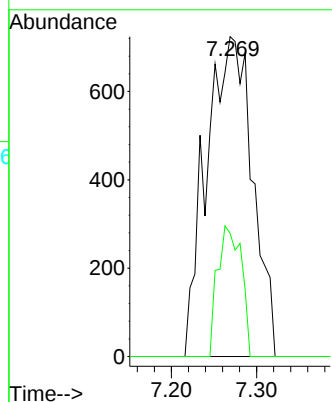
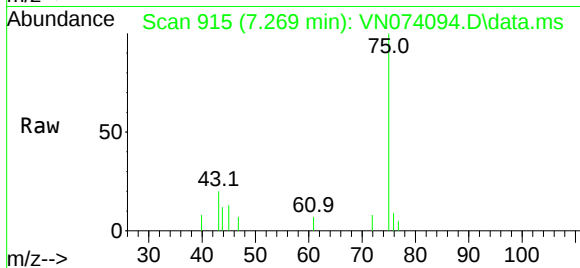
ClientSampleId :

Tgt Ion: 43 Resp: 2717

Ion Ratio Lower Upper

43 100

72 38.5 23.7 35.5#



#31

Cyclohexane

Concen: 1.329 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN074094.D

Acq: 24 Aug 2022 16:15

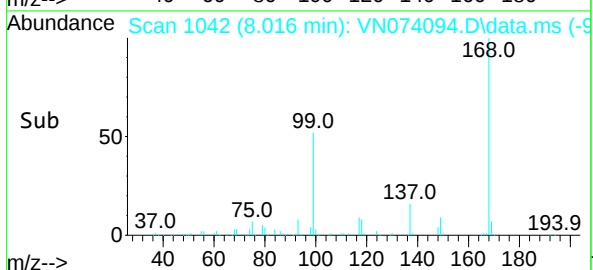
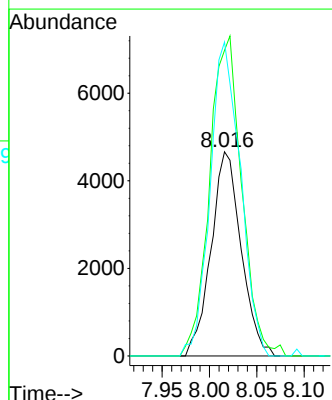
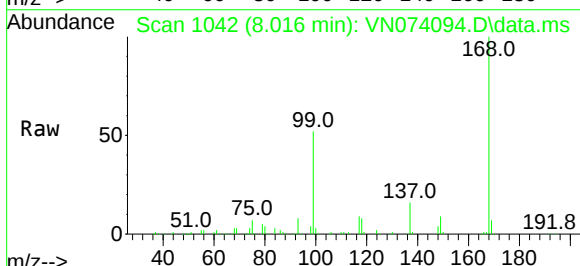
Tgt Ion: 56 Resp: 10321

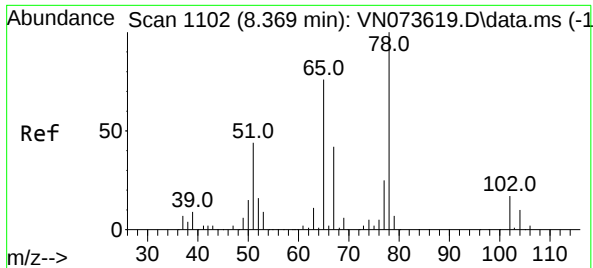
Ion Ratio Lower Upper

56 100

69 149.7 27.8 41.8#

84 153.8 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 52.261 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074094.D

Acq: 24 Aug 2022 16:15

Instrument :

MSVOA_N

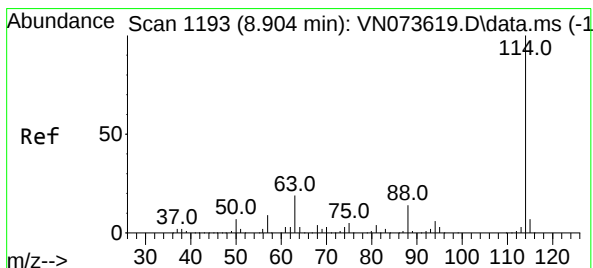
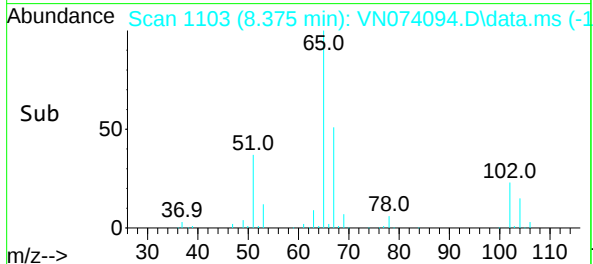
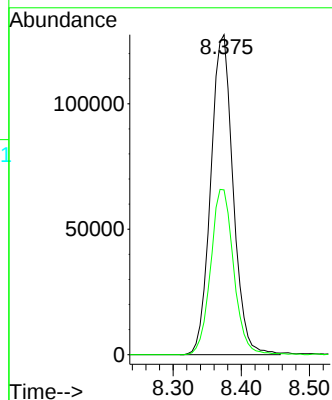
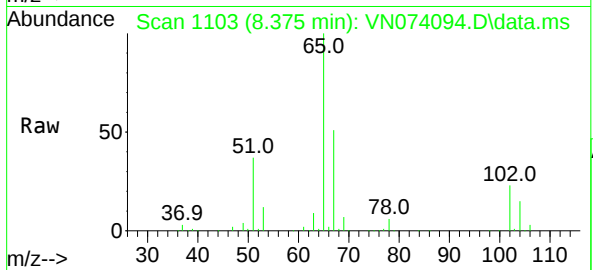
ClientSampleId :

Tgt Ion: 65 Resp: 291132

Ion Ratio Lower Upper

65 100

67 53.2 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: VN074094.D

Acq: 24 Aug 2022 16:15

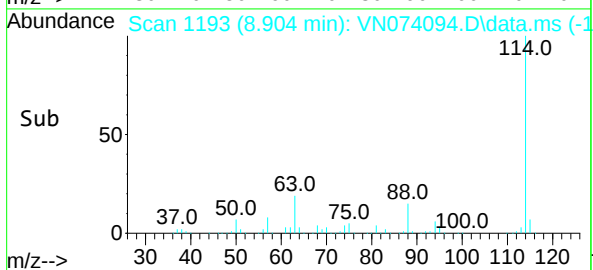
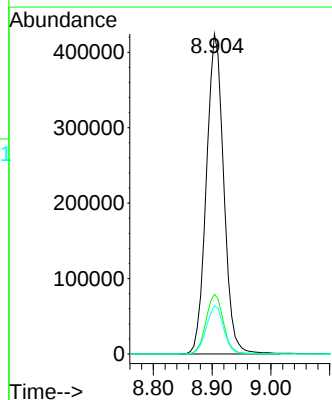
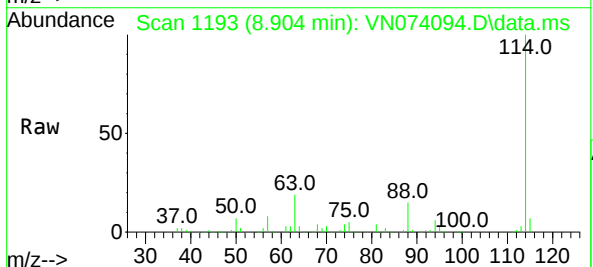
Tgt Ion: 114 Resp: 868502

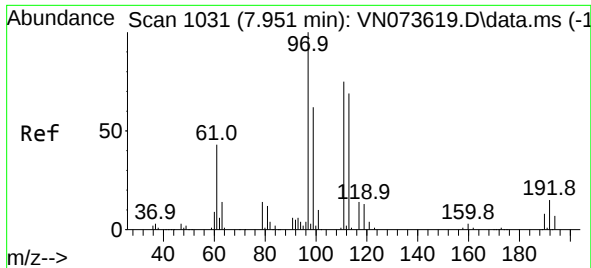
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

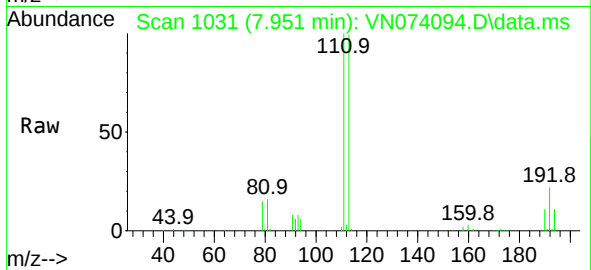
88 15.1 0.0 32.6



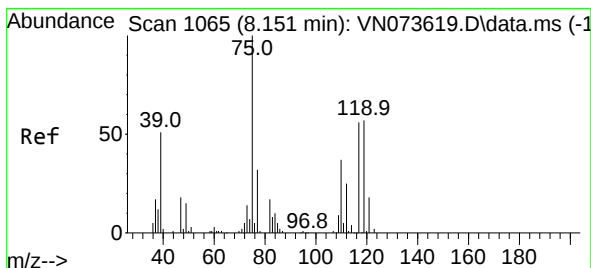
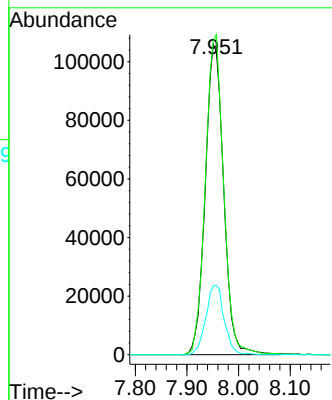
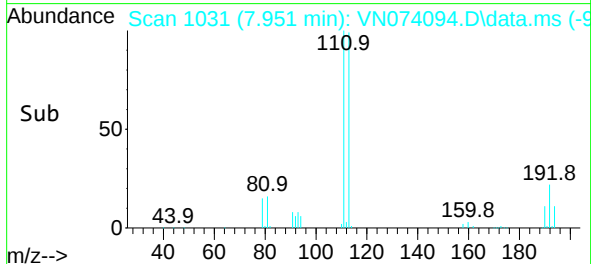


#35
Dibromofluoromethane
Concen: 51.038 ug/l
RT: 7.951 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074094.D
Acq: 24 Aug 2022 16:15

Instrument :
MSVOA_N
ClientSampleId :

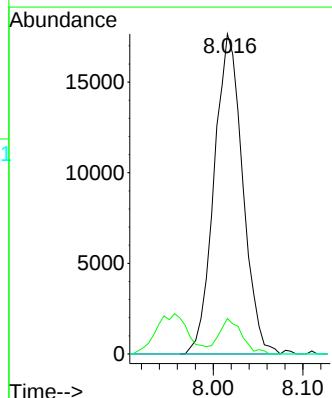
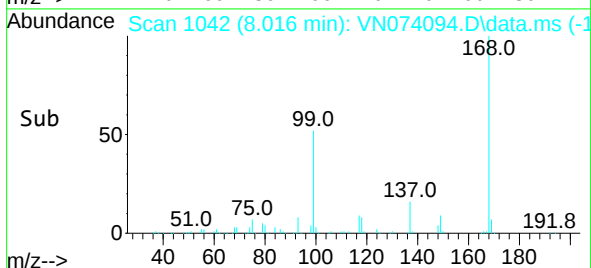
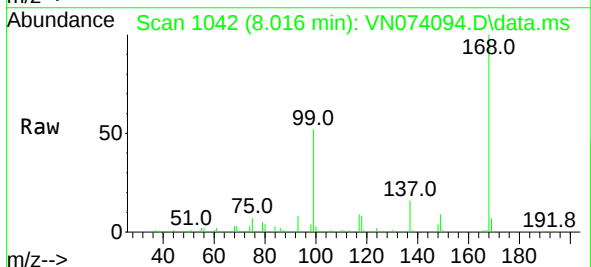


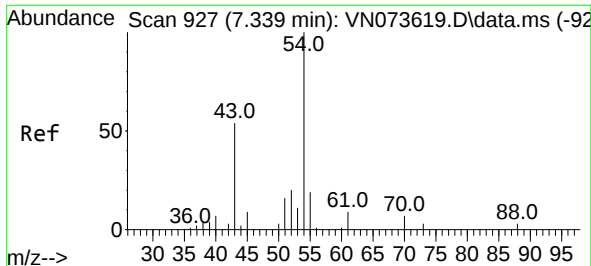
Tgt Ion:113 Resp: 262144
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 22.1 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.461 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074094.D
Acq: 24 Aug 2022 16:15

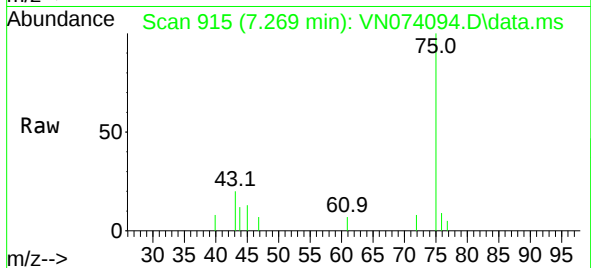
Tgt Ion: 75 Resp: 38961
Ion Ratio Lower Upper
75 100
110 9.0 18.3 54.8#
77 0.0 25.1 37.7#



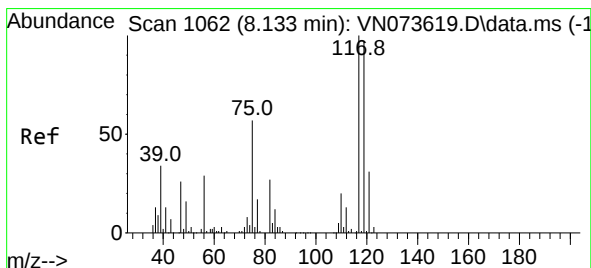
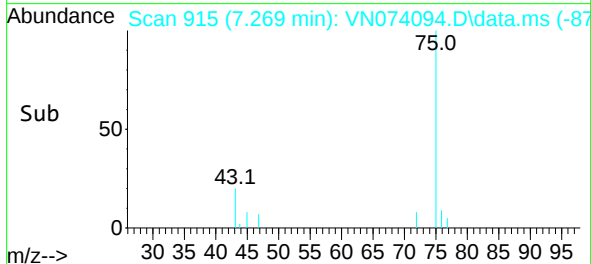
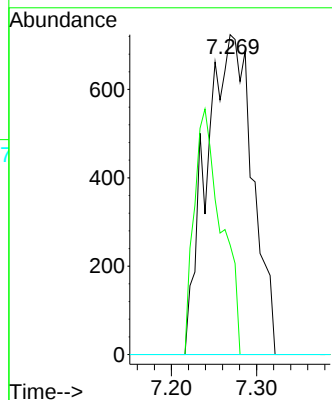


#37
Ethyl Acetate
Concen: 0.314 ug/l
RT: 7.269 min Scan# 91
Delta R.T. -0.070 min
Lab File: VN074094.D
Acq: 24 Aug 2022 16:15

Instrument :
MSVOA_N
ClientSampleId :

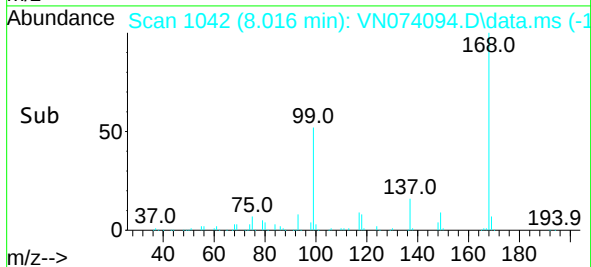
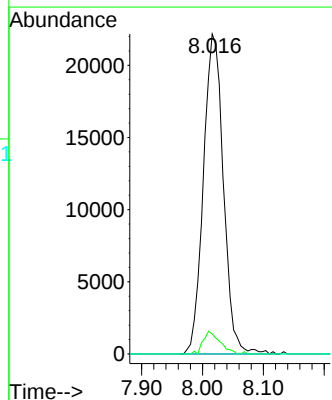
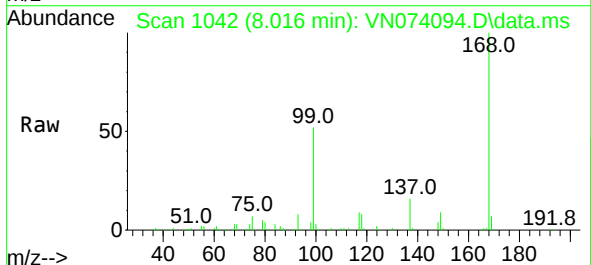


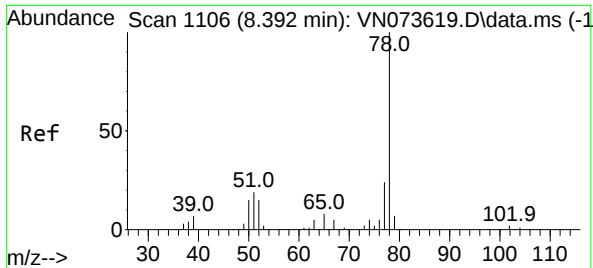
Tgt Ion: 43 Resp: 2717
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.223 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074094.D
Acq: 24 Aug 2022 16:15

Tgt Ion: 117 Resp: 50742
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.8#
121 0.0 24.6 37.0#

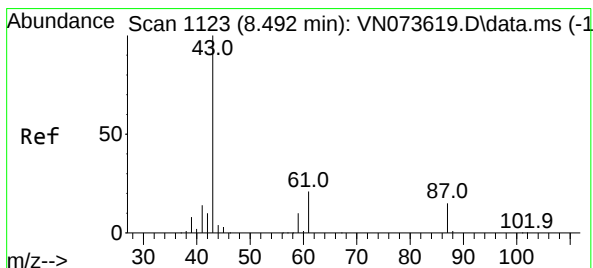
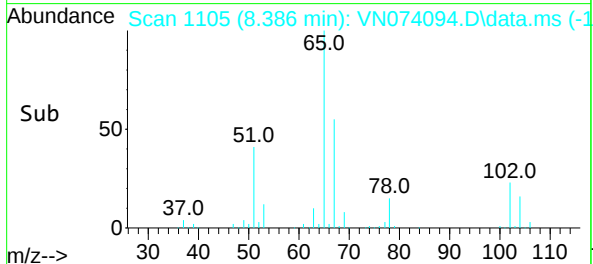
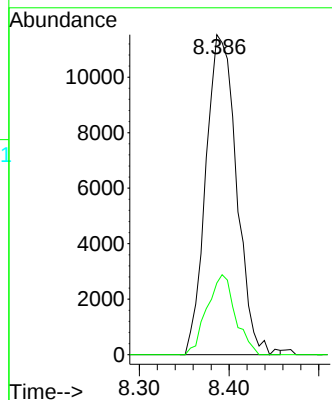
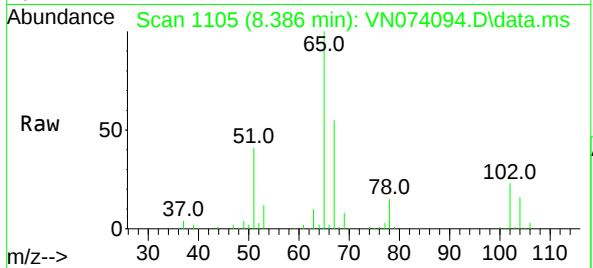




#40
Benzene
Concen: 1.219 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN074094.D
Acq: 24 Aug 2022 16:15

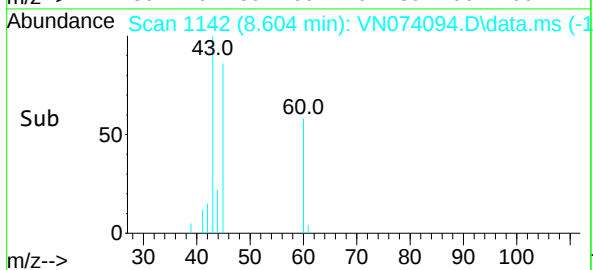
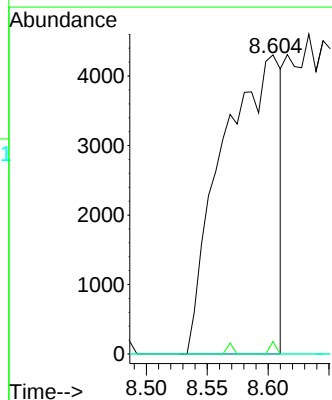
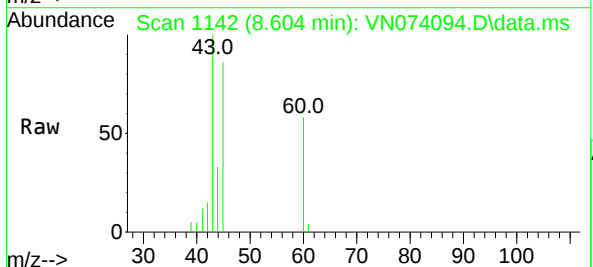
Instrument :
MSVOA_N
ClientSampleId :

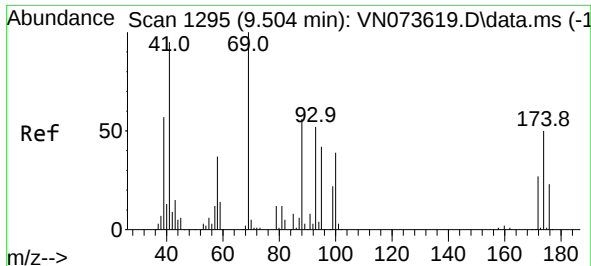
Tgt Ion: 78 Resp: 27438
Ion Ratio Lower Upper
78 100
77 22.4 19.4 29.0



#43
Isopropyl Acetate
Concen: 1.163 ug/l
RT: 8.604 min Scan# 1142
Delta R.T. 0.112 min
Lab File: VN074094.D
Acq: 24 Aug 2022 16:15

Tgt Ion: 43 Resp: 14314
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#





#49

1,4-Dioxane

Concen: 1.366 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

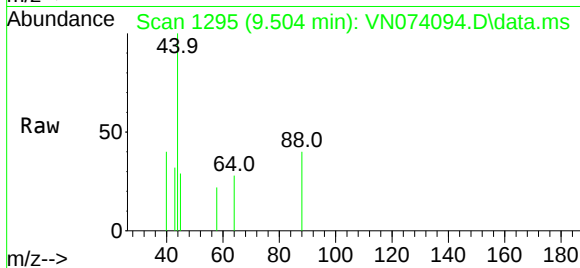
Lab File: VN074094.D

Acq: 24 Aug 2022 16:15

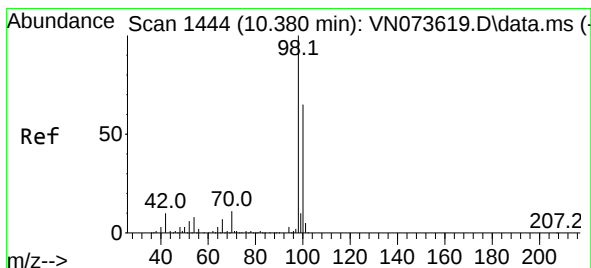
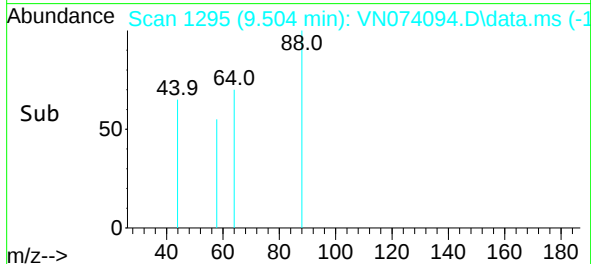
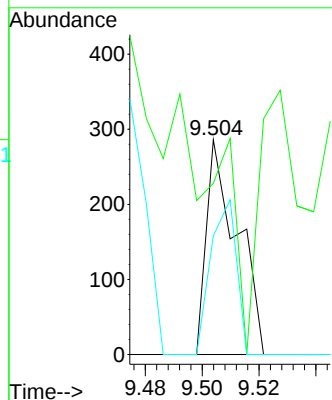
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	88	Resp:	214
Ion	Ratio	Lower	Upper
88	100		
43	0.0	20.2	30.4
58	59.8	54.2	81.4



#50

Toluene-d8

Concen: 48.731 ug/l

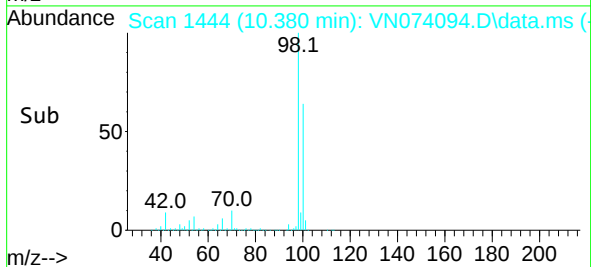
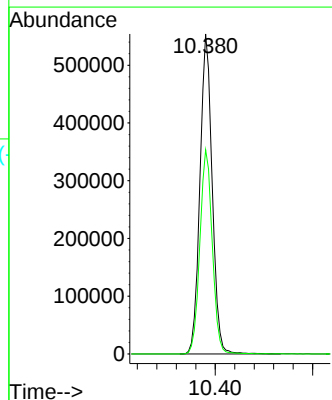
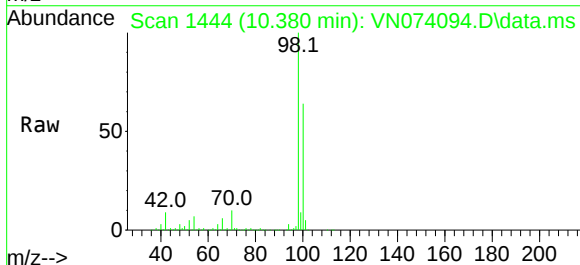
RT: 10.380 min Scan# 1444

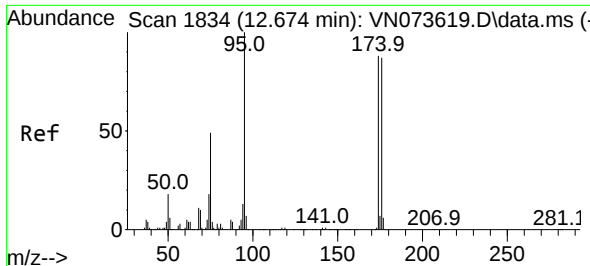
Delta R.T. 0.000 min

Lab File: VN074094.D

Acq: 24 Aug 2022 16:15

Tgt Ion:	98	Resp:	969376
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.6	78.8

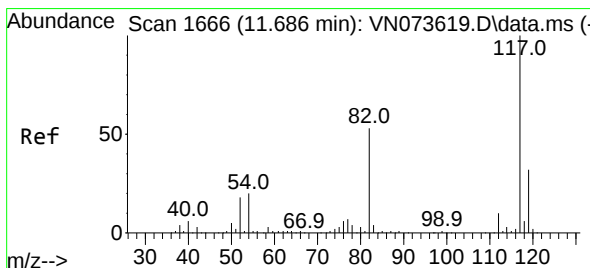
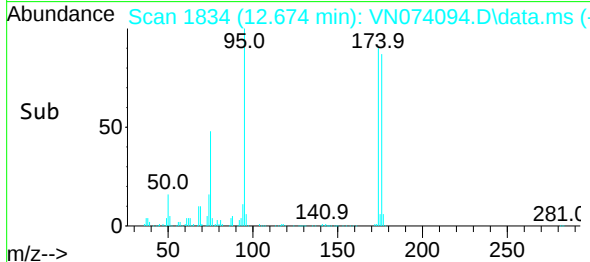
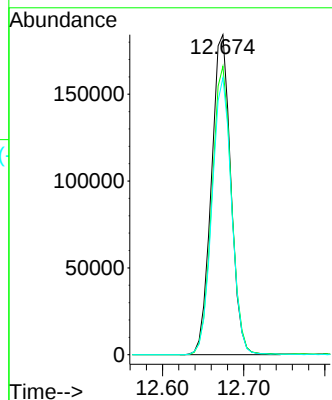
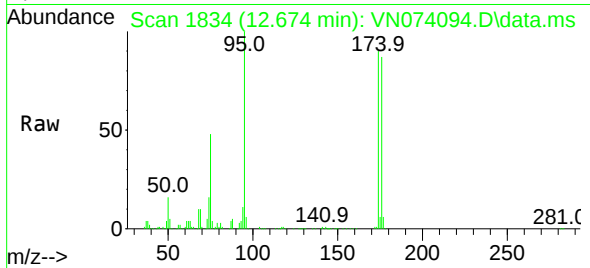




#62
4-Bromofluorobenzene
Concen: 46.484 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074094.D
Acq: 24 Aug 2022 16:15

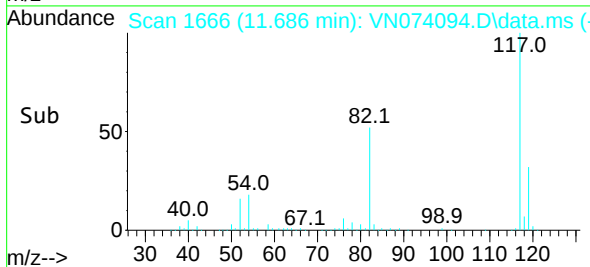
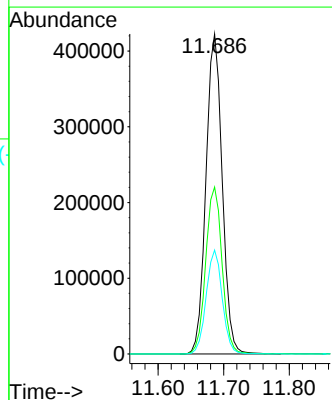
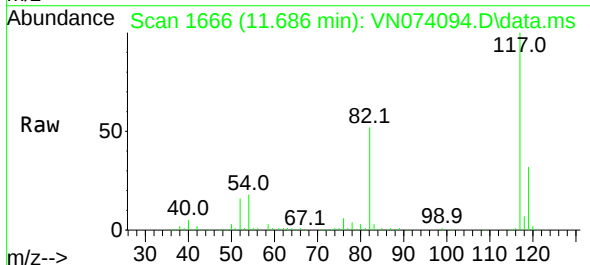
Instrument :
MSVOA_N
ClientSampleId :

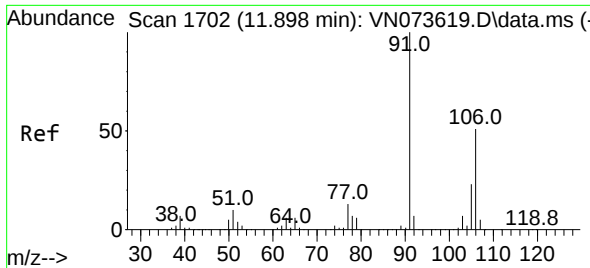
Tgt Ion: 95 Resp: 306882
Ion Ratio Lower Upper
95 100
174 90.6 0.0 167.6
176 87.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074094.D
Acq: 24 Aug 2022 16:15

Tgt Ion: 117 Resp: 729122
Ion Ratio Lower Upper
117 100
82 52.1 44.2 66.2
119 32.5 25.4 38.0

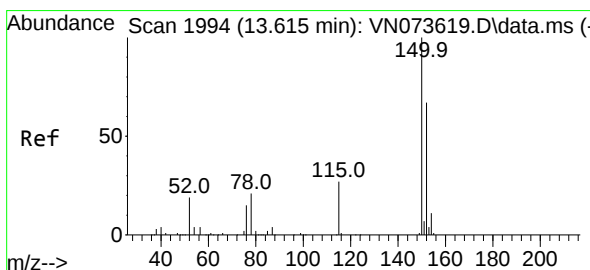
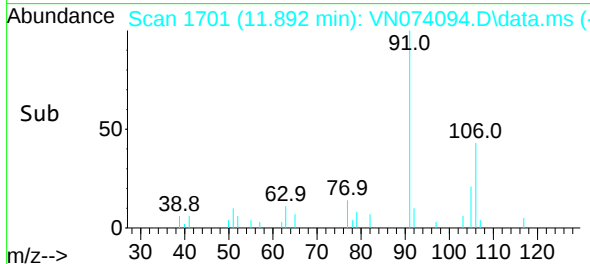
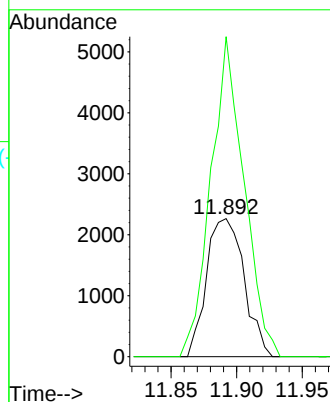
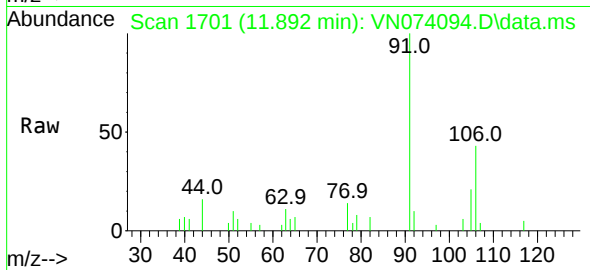




#68
m/p-Xylenes
Concen: 0.431 ug/l
RT: 11.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074094.D
Acq: 24 Aug 2022 16:15

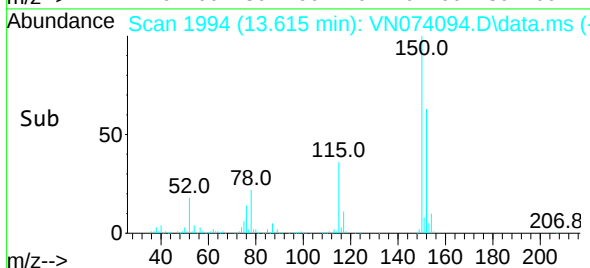
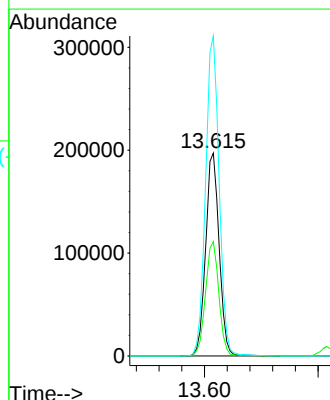
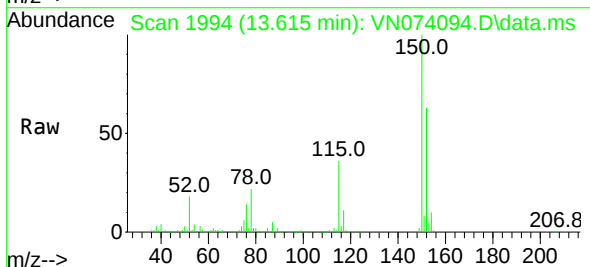
Instrument :
MSVOA_N
ClientSampleId :

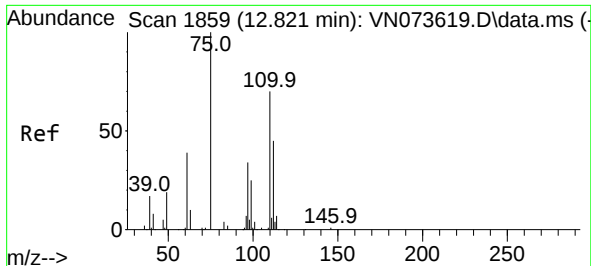
Tgt Ion:106 Resp: 4509
Ion Ratio Lower Upper
106 100
91 205.3 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074094.D
Acq: 24 Aug 2022 16:15

Tgt Ion:152 Resp: 324007
Ion Ratio Lower Upper
152 100
115 56.0 28.9 86.7
150 158.1 0.0 356.2

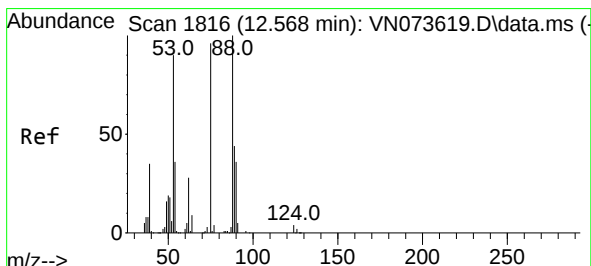
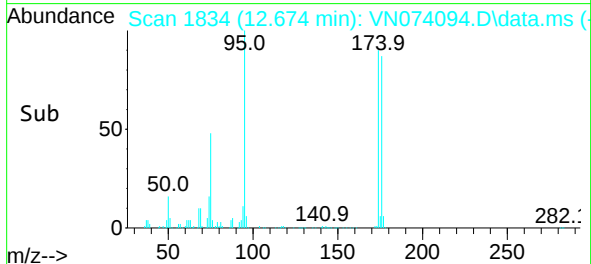
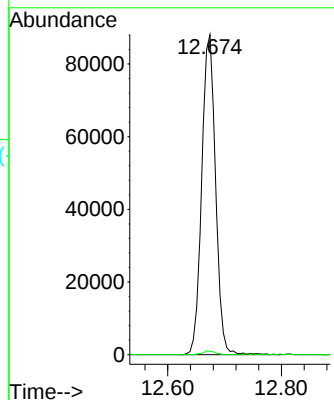
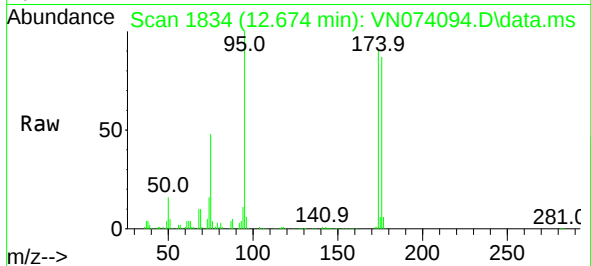




#76
1,2,3-Trichloropropane
Concen: 22.086 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074094.D
Acq: 24 Aug 2022 16:15

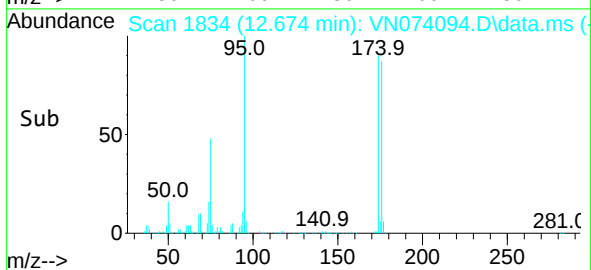
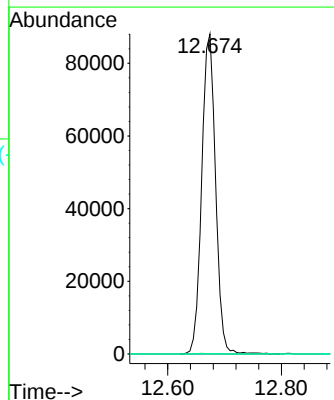
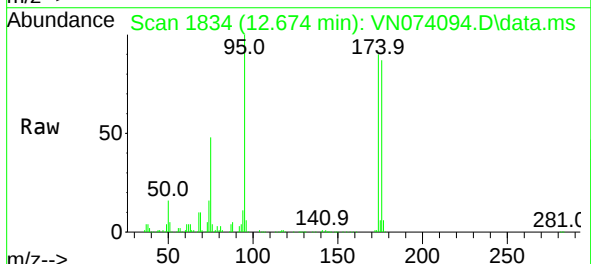
Instrument :
MSVOA_N
ClientSampleId :

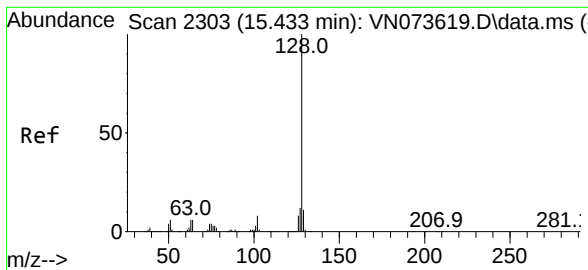
Tgt Ion: 75 Resp: 148740
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.818 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074094.D
Acq: 24 Aug 2022 16:15

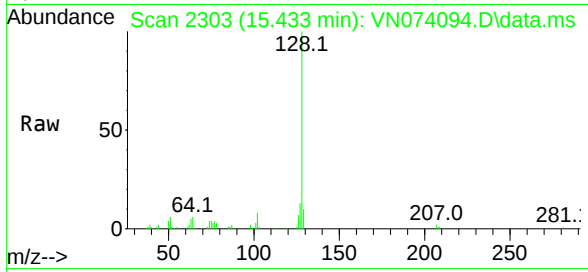
Tgt Ion: 75 Resp: 148740
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
 Naphthalene
 Concen: 3.639 ug/l
 RT: 15.433 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN074094.D
 Acq: 24 Aug 2022 16:15

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	82584
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.2	8.6	13.0

