

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079506.D
 Acq On : 10 Oct 2023 20:25
 Operator : JC\MD
 Sample : 04813-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 11 06:24:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	315669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	621696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	606421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	241238	47.132	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.260%
35) Dibromofluoromethane	8.171	113	214758	48.069	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	10.571	98	739097	45.720	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.440%
62) 4-Bromofluorobenzene	12.853	95	276451	53.288	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.580%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	1642	2.132	ug/l #	86
16) Acetone	4.436	43	69847	34.406	ug/l	90
18) Methyl Acetate	5.048	43	7974	0.803	ug/l #	73
20) Methylene Chloride	5.271	84	21518	4.290	ug/l #	87
25) 2-Butanone	7.494	43	11550	3.833	ug/l #	79
31) Cyclohexane	8.236	56	11027	1.519	ug/l #	48
36) 1,1-Dichloropropene	8.230	75	28938	4.316	ug/l #	48
37) Ethyl Acetate	7.577	43	5965	0.894	ug/l #	71
38) Carbon Tetrachloride	8.230	117	34909	5.200	ug/l #	15
39) Methylcyclohexane	9.606	83	2066	0.321	ug/l #	80
40) Benzene	8.612	78	1409327	70.771	ug/l	100
42) 1,2-Dichloroethane	8.694	62	1751	0.242	ug/l #	73
43) Isopropyl Acetate	8.694	43	308773	26.415	ug/l #	73
45) 1,2-Dichloropropane	9.747	63	2547	0.485	ug/l #	45
48) Methyl methacrylate	9.671	41	6999	1.397	ug/l #	32
49) 1,4-Dioxane	9.747	88	171	1.853	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	21618	3.276	ug/l #	74
52) Toluene	10.635	92	785396	67.001	ug/l	98
54) cis-1,3-Dichloropropene	10.359	75	69813	9.053	ug/l #	69
55) 1,1,2-Trichloroethane	10.882	97	3420	0.727	ug/l #	21
57) 1,3-Dichloropropane	11.206	76	9243	1.137	ug/l #	42
59) 2-Hexanone	11.177	43	171865	36.094	ug/l #	19
67) Ethyl Benzene	11.965	91	102313	4.359	ug/l	96
68) m/p-Xylenes	12.071	106	201059	23.574	ug/l	96
69) o-Xylene	12.400	106	131651	15.696	ug/l	92
70) Styrene	12.412	104	60407	4.559	ug/l #	68
71) Bromoform	12.853	173	2279	0.630	ug/l #	1
74) N-amyl acetate	12.471	43	4446	0.475	ug/l #	38
75) 1,1,2,2-Tetrachloroethane	12.959	83	61	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.853	75	156743	22.152	ug/l #	1
78) n-propylbenzene	13.041	91	7660	0.297	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	25074	1.393	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.853	75	156743	64.275	ug/l #	15
83) tert-Butylbenzene	13.482	119	8411	0.570	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.488	105	72177	4.201	ug/l	97
85) sec-Butylbenzene	13.488	105	72177	3.508	ug/l #	57

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Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration

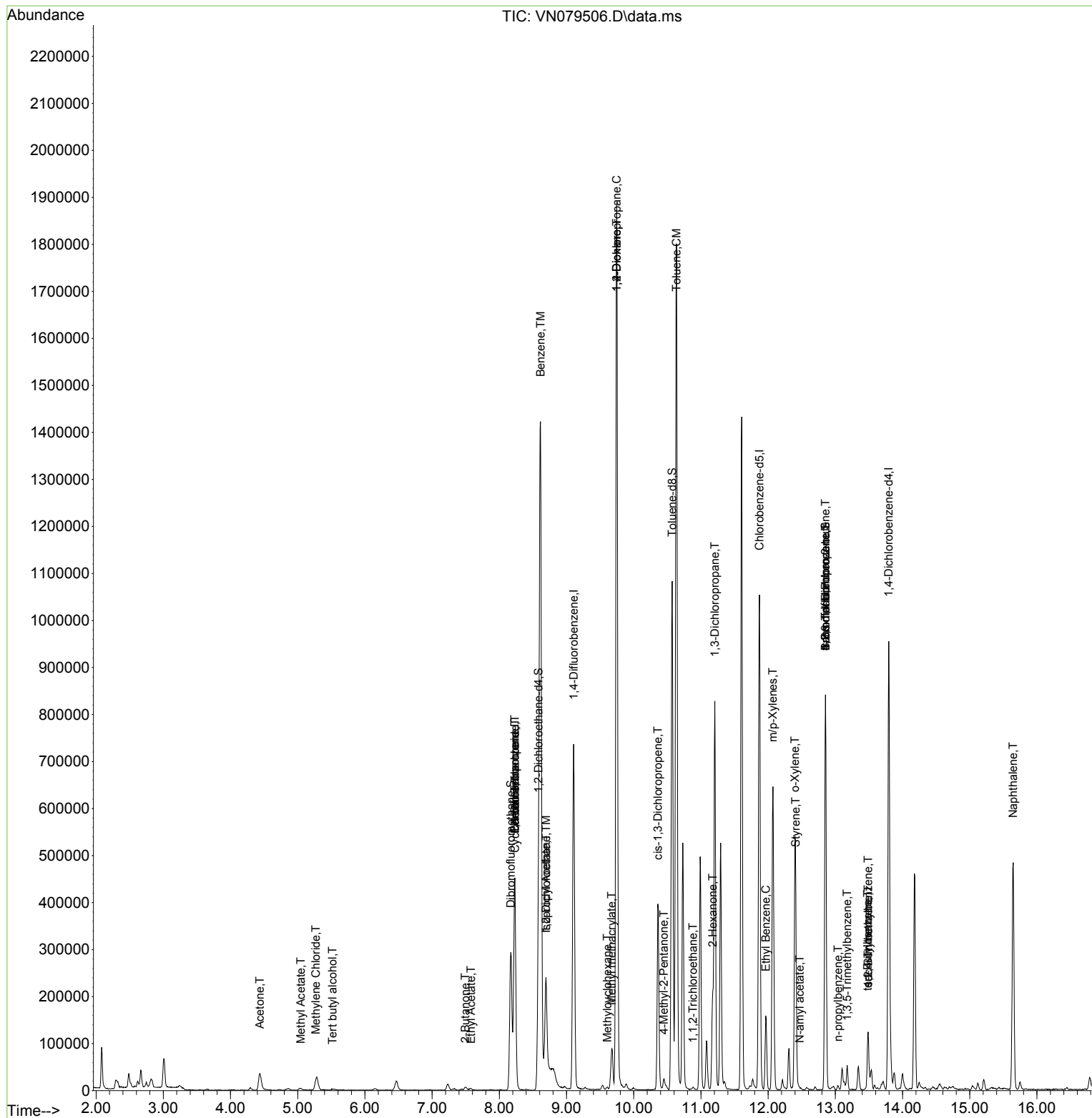
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.270	117	992	Below Cal	#	21
95) Naphthalene	15.647	128	435478	53.164	ug/l	99

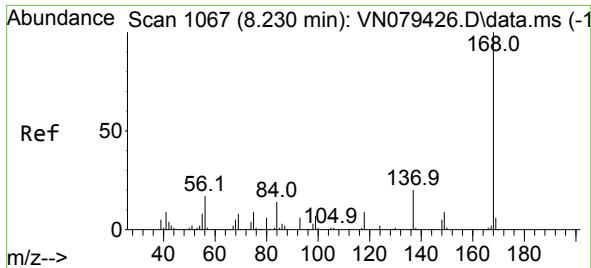
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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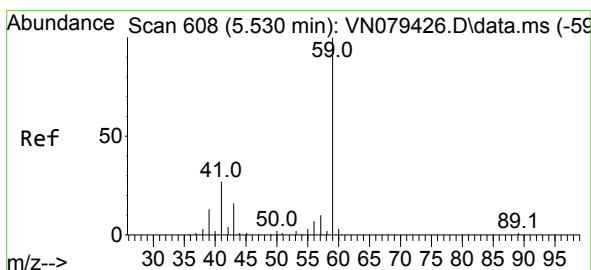
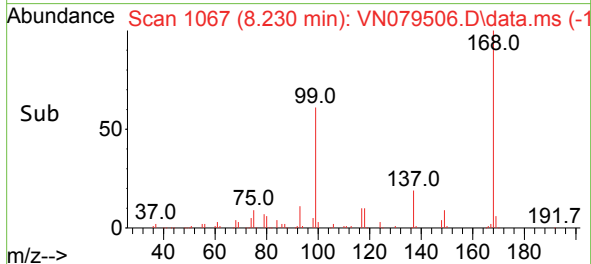
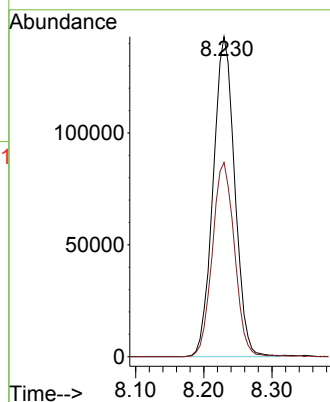
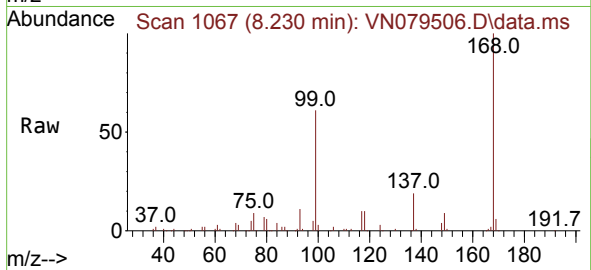




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

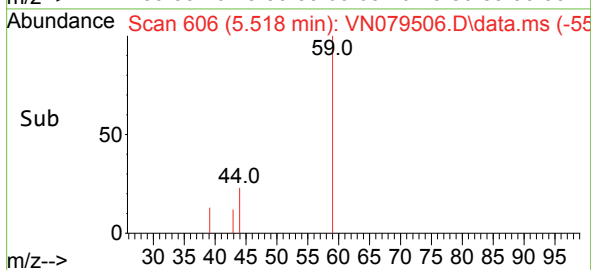
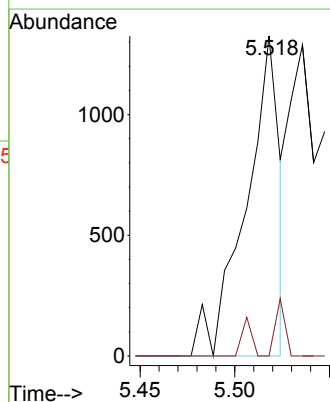
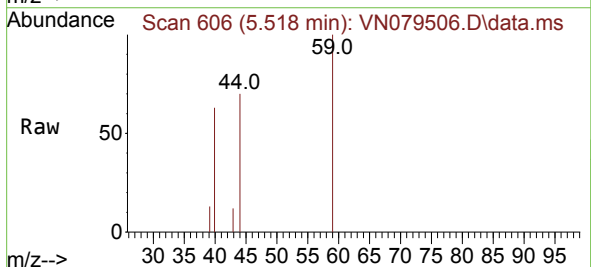
Instrument :
MSVOA_N
ClientSampleId :

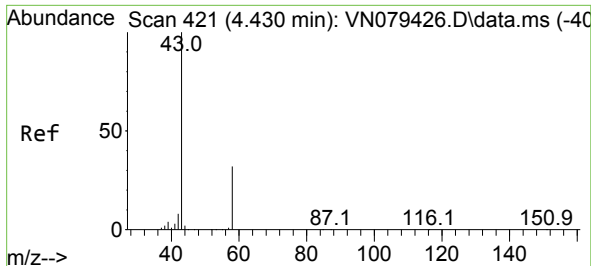
Tgt Ion:168 Resp: 315669
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6



#11
Tert butyl alcohol
Concen: 2.132 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Tgt Ion: 59 Resp: 1642
Ion Ratio Lower Upper
59 100
57 5.1 8.2 12.4#

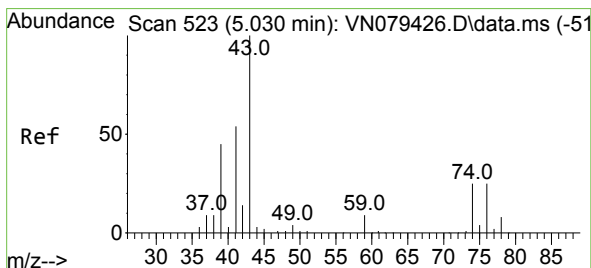
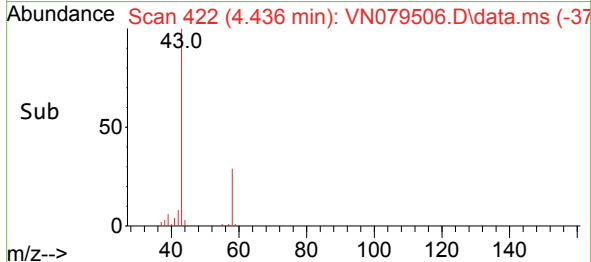
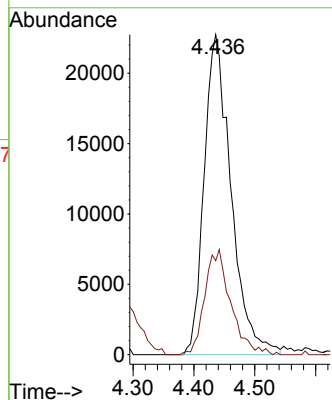
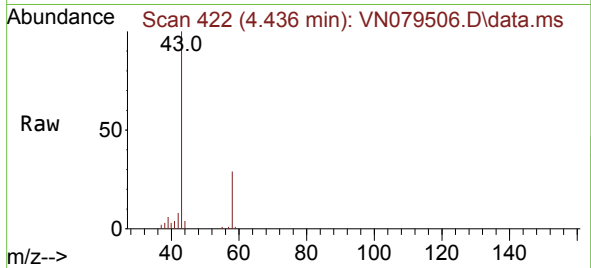




#16
Acetone
Concen: 34.406 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

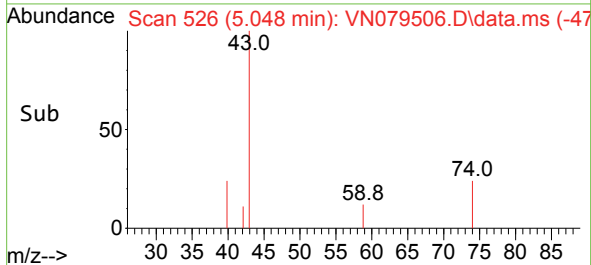
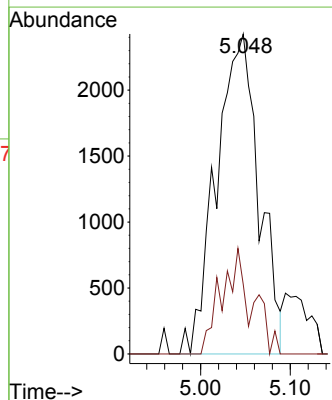
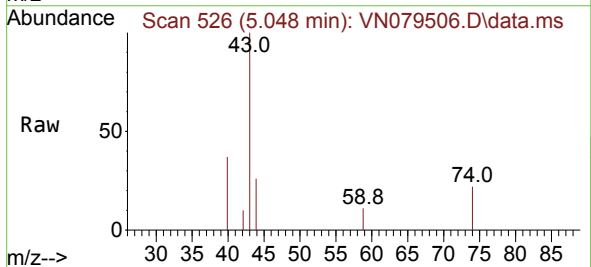
Instrument :
MSVOA_N
ClientSampleId :

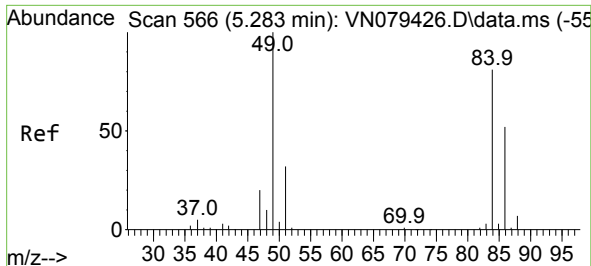
Tgt Ion: 43 Resp: 69847
Ion Ratio Lower Upper
43 100
58 29.3 28.0 42.0



#18
Methyl Acetate
Concen: 0.803 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.018 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

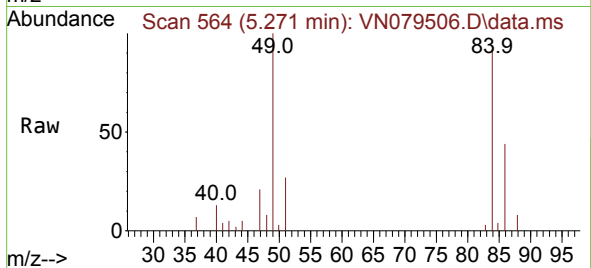
Tgt Ion: 43 Resp: 7974
Ion Ratio Lower Upper
43 100
74 17.4 26.2 39.4#



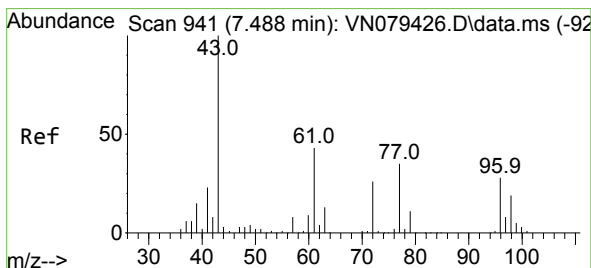
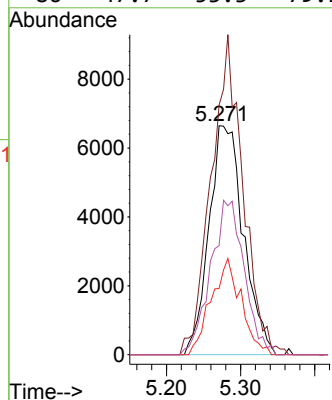


#20
Methylene Chloride
Concen: 4.290 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Instrument :
MSVOA_N
ClientSampleId :

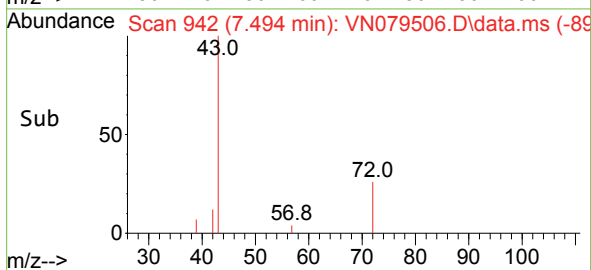
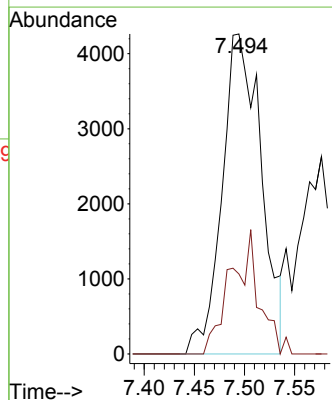
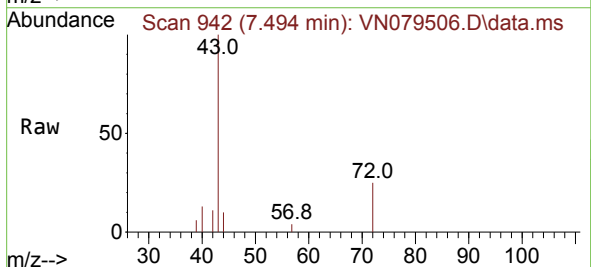


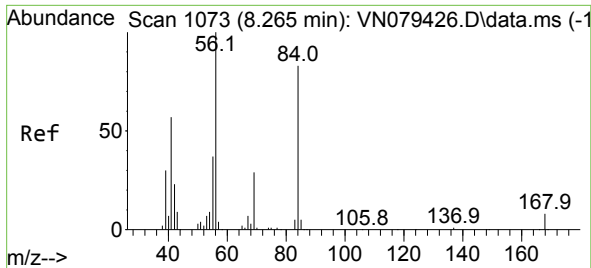
Tgt Ion:	84	Resp:	21518
Ion	Ratio	Lower	Upper
84	100		
49	109.0	79.7	119.5
51	28.9	25.2	37.8
86	47.7	53.3	79.9



#25
2-Butanone
Concen: 3.833 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

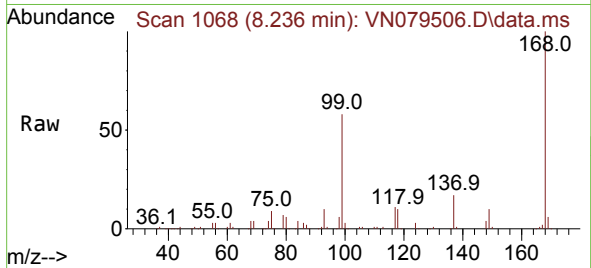
Tgt Ion:	43	Resp:	11550
Ion	Ratio	Lower	Upper
43	100		
72	25.0	30.2	45.2



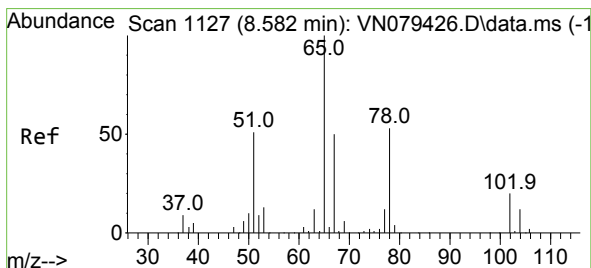
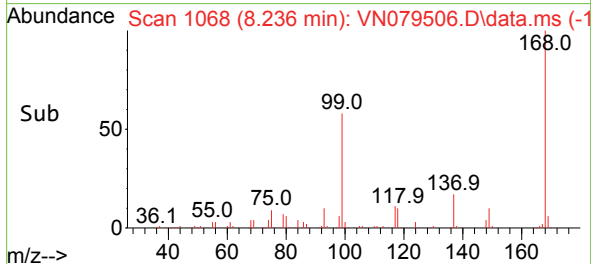
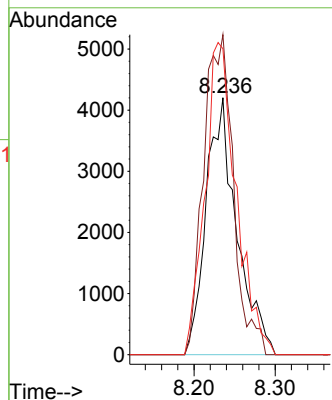


#31
Cyclohexane
Concen: 1.519 ug/l
RT: 8.236 min Scan# 11027
Delta R.T. -0.029 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Instrument :
MSVOA_N
ClientSampleId :

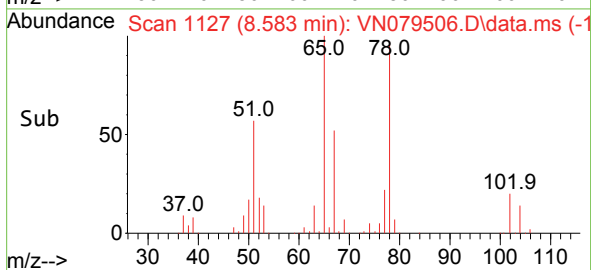
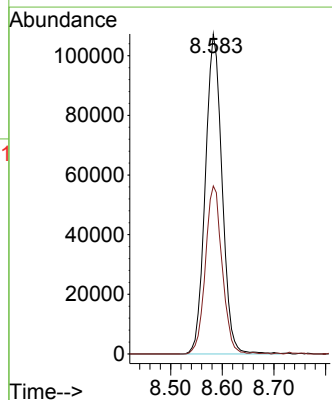
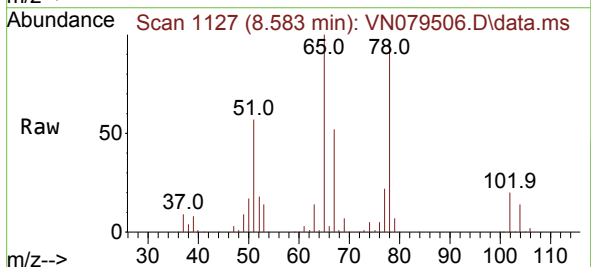


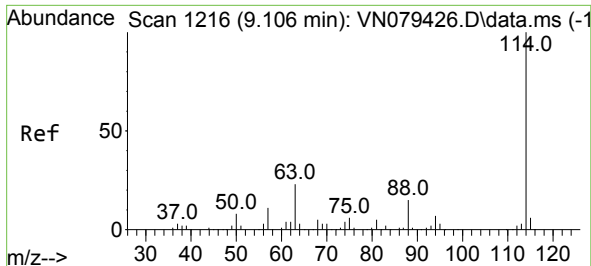
Tgt Ion: 56 Resp: 11027
Ion Ratio Lower Upper
56 100
69 124.5 26.8 40.2#
84 119.0 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 47.132 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Tgt Ion: 65 Resp: 241238
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6

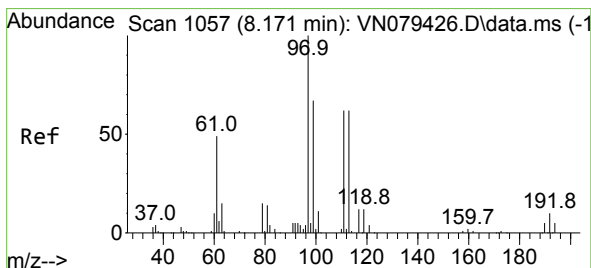
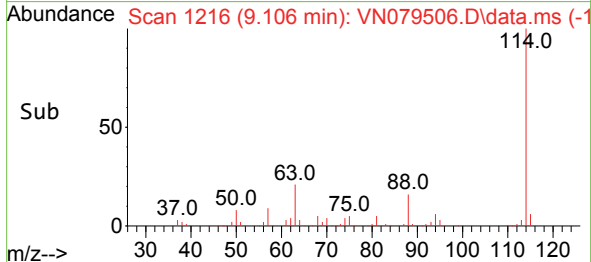
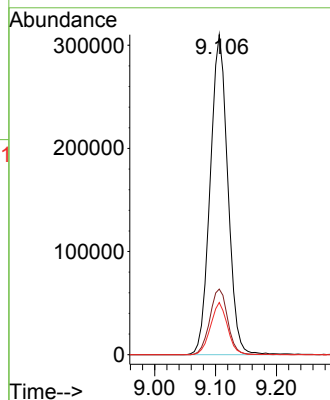
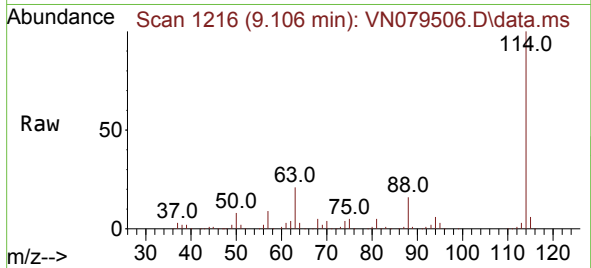




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

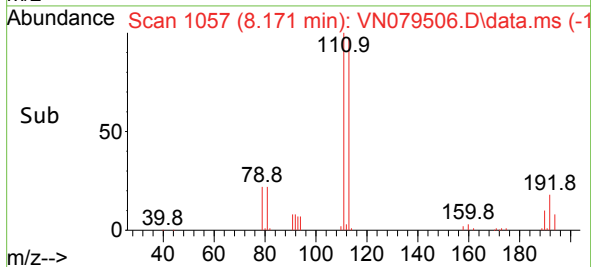
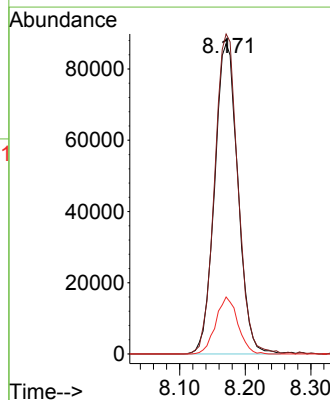
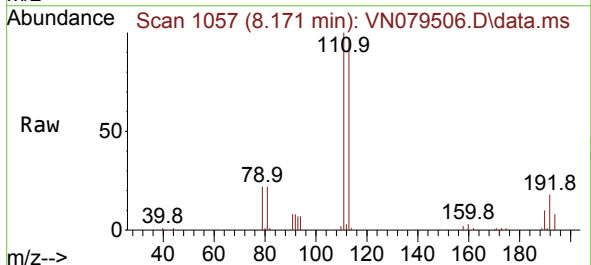
Instrument :
MSVOA_N
ClientSampleId :

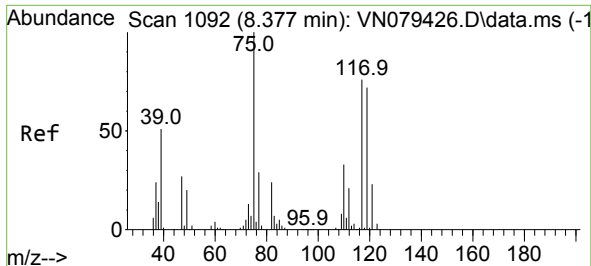
Tgt Ion:114 Resp: 621696
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.4
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.069 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

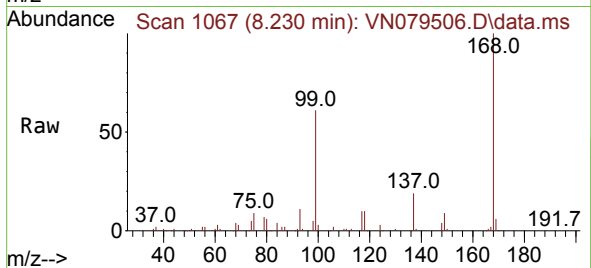
Tgt Ion:113 Resp: 214758
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 17.4 12.7 19.1



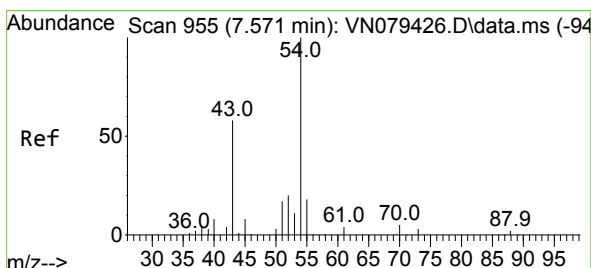
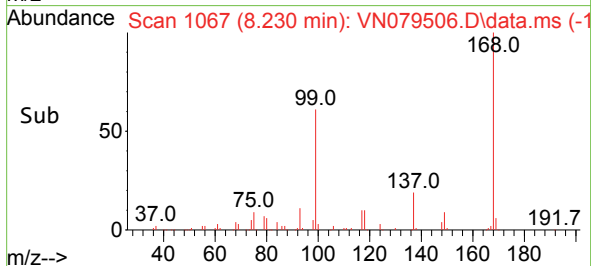
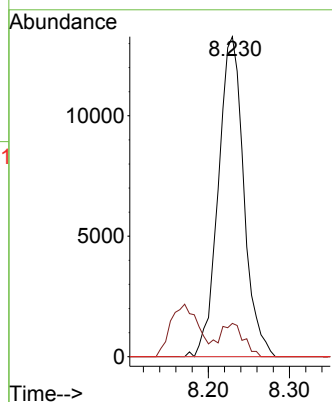


#36
1,1-Dichloropropene
Concen: 4.316 ug/l
RT: 8.230 min Scan# 1092
Delta R.T. -0.147 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Instrument :
MSVOA_N
ClientSampleId :

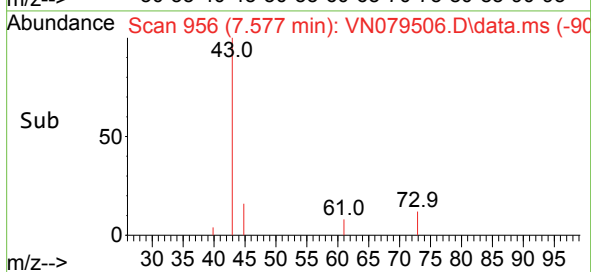
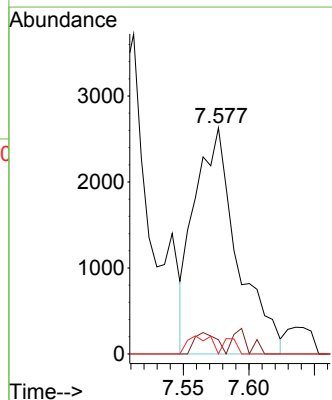
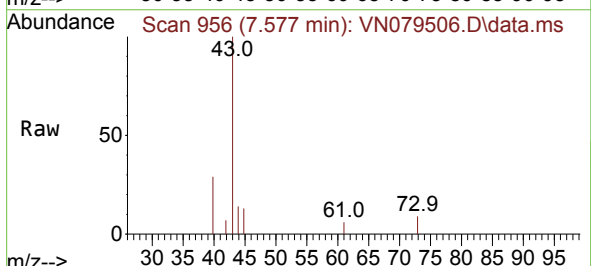


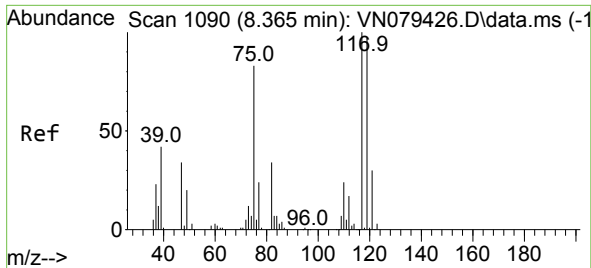
Tgt Ion: 75 Resp: 28938
Ion Ratio Lower Upper
75 100
110 8.5 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.894 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

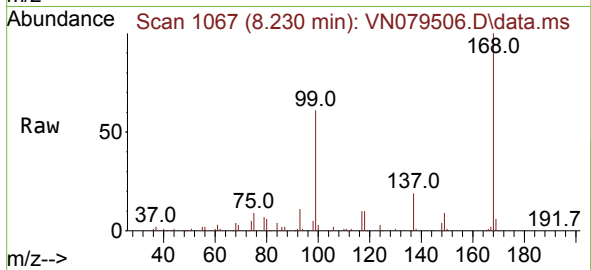
Tgt Ion: 43 Resp: 5965
Ion Ratio Lower Upper
43 100
61 4.1 13.2 19.8#
70 2.1 11.3 16.9#



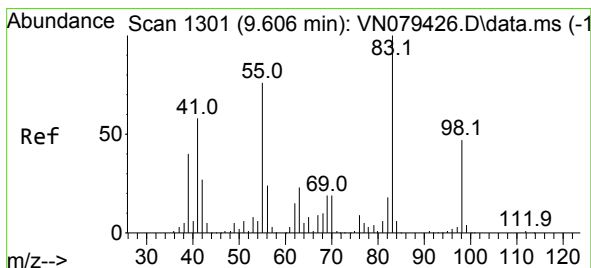
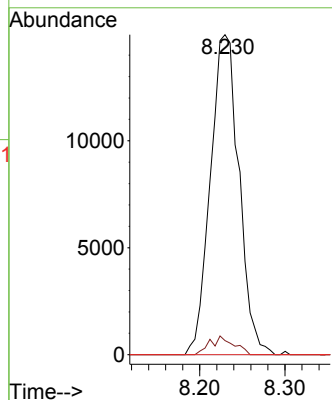
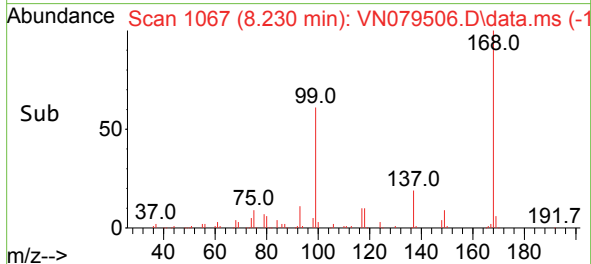


#38
Carbon Tetrachloride
Concen: 5.200 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Instrument :
MSVOA_N
ClientSampleId :

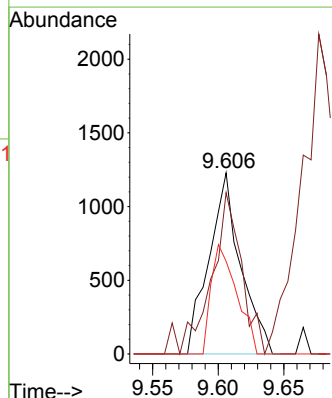
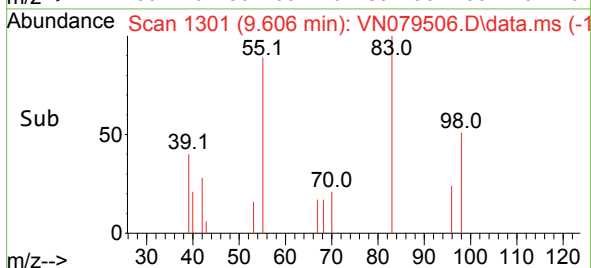
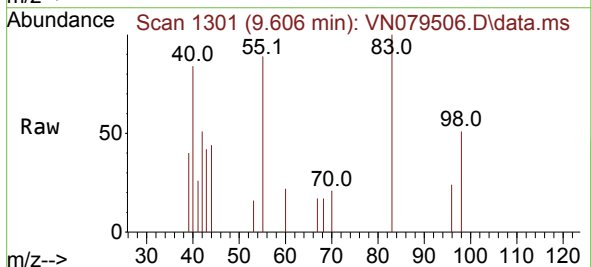


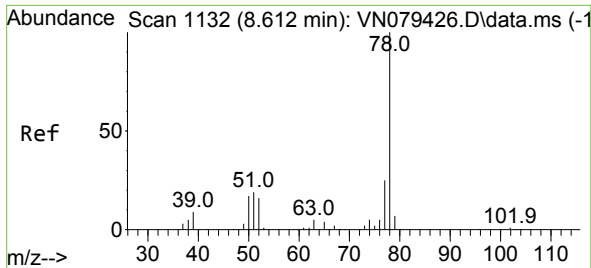
Tgt Ion:117 Resp: 34909
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 0.321 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Tgt Ion: 83 Resp: 2066
Ion Ratio Lower Upper
83 100
55 89.0 49.1 73.7#
98 51.2 40.6 61.0

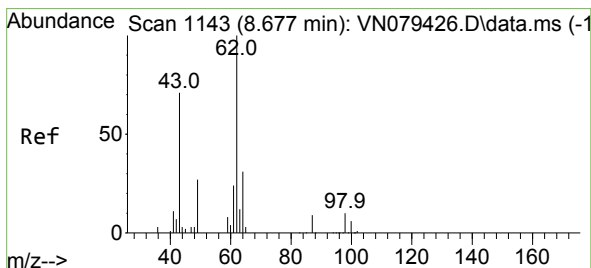
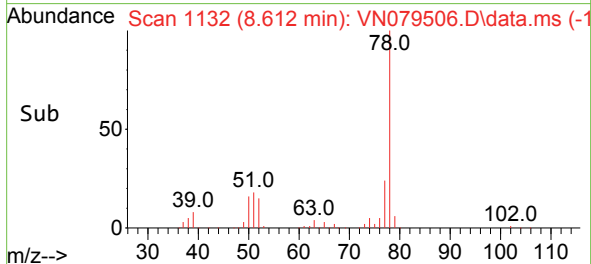
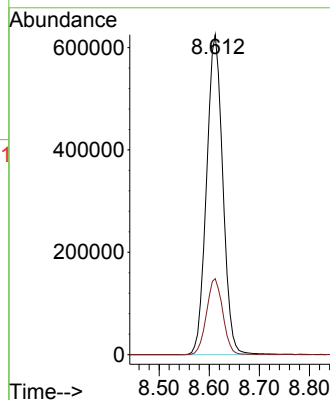
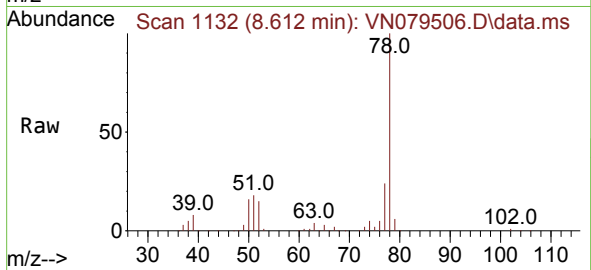




#40
Benzene
Concen: 70.771 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

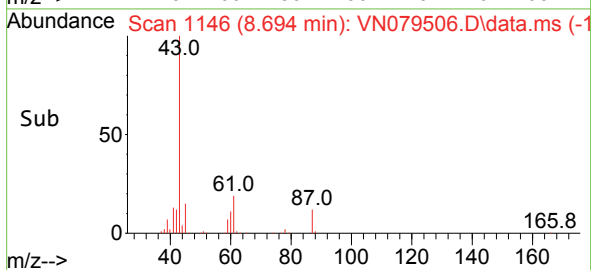
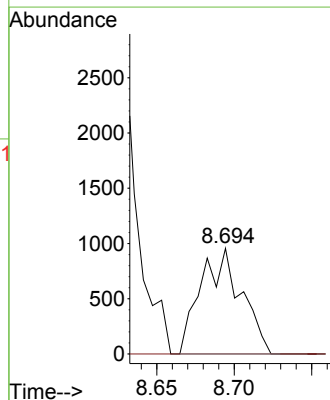
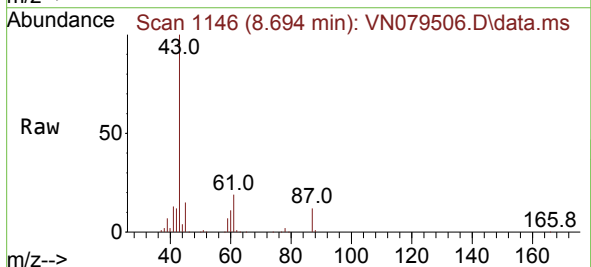
Instrument :
MSVOA_N
ClientSampleId :

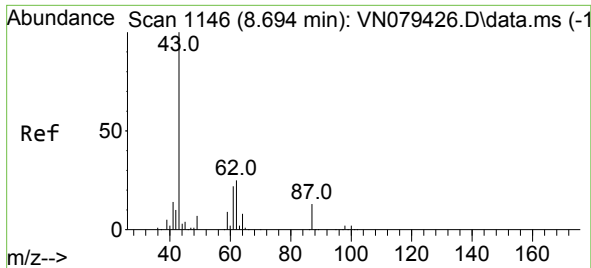
Tgt Ion: 78 Resp: 1409327
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6



#42
1,2-Dichloroethane
Concen: 0.242 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.018 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

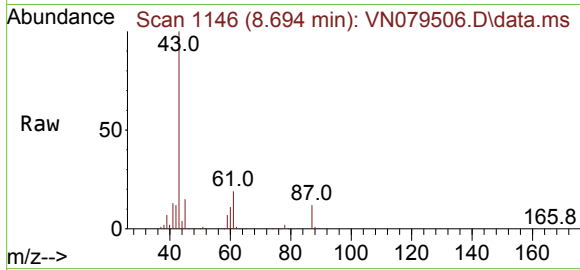
Tgt Ion: 62 Resp: 1751
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8



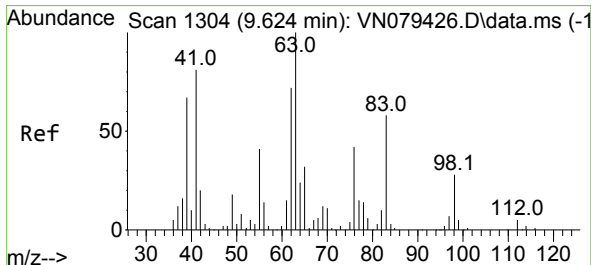
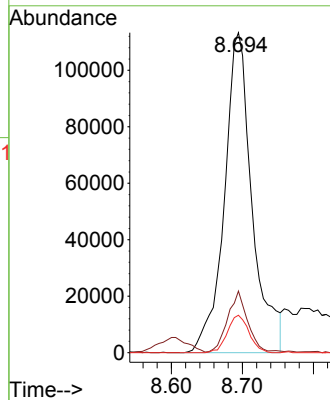
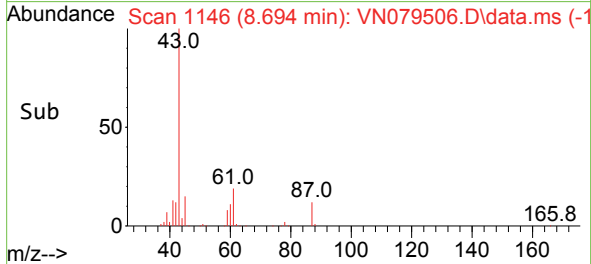


#43
Isopropyl Acetate
Concen: 26.415 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

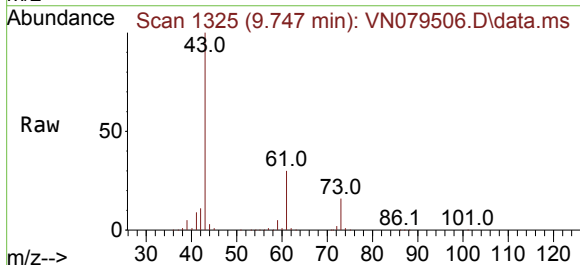
Instrument :
MSVOA_N
ClientSampleId :



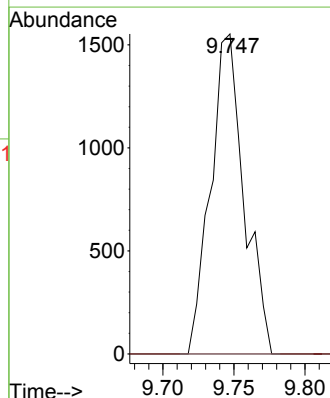
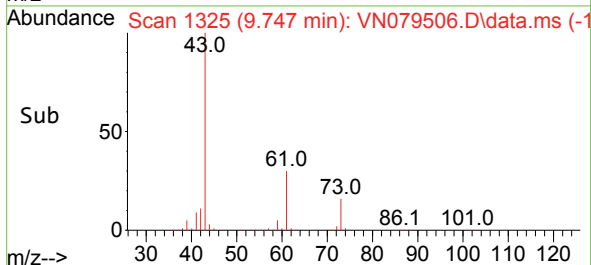
Tgt Ion: 43 Resp: 308773
Ion Ratio Lower Upper
43 100
61 13.8 24.7 37.1#
87 9.0 14.6 21.8#

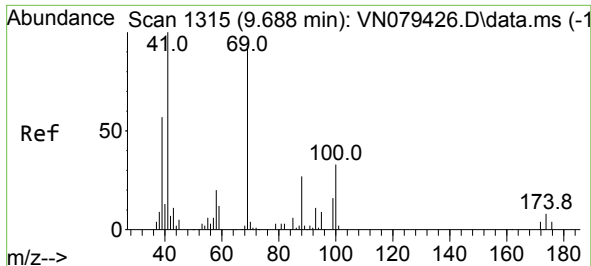


#45
1,2-Dichloropropane
Concen: 0.485 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.124 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25



Tgt Ion: 63 Resp: 2547
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#

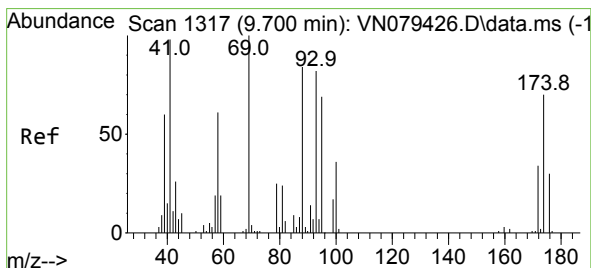
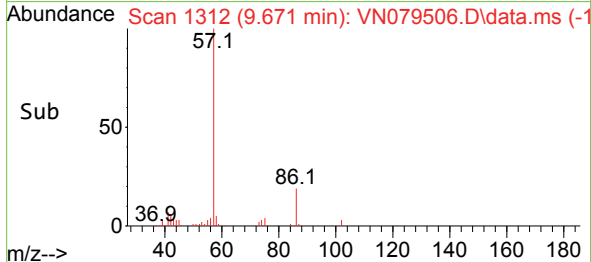
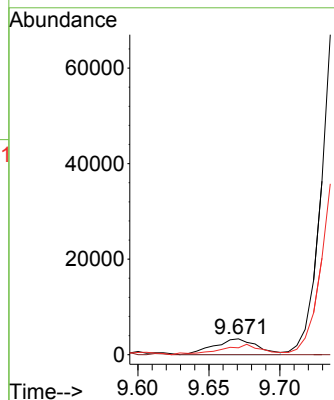
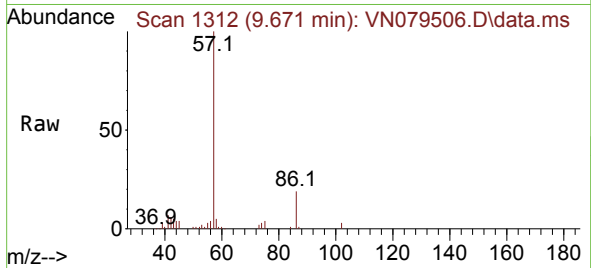




#48
Methyl methacrylate
Concen: 1.397 ug/l
RT: 9.671 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

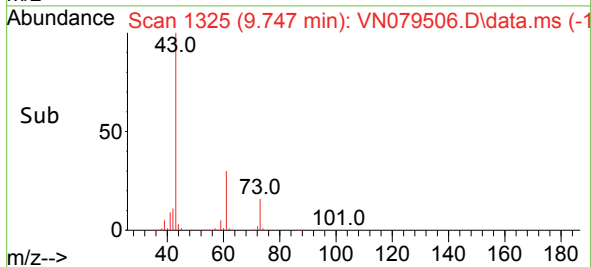
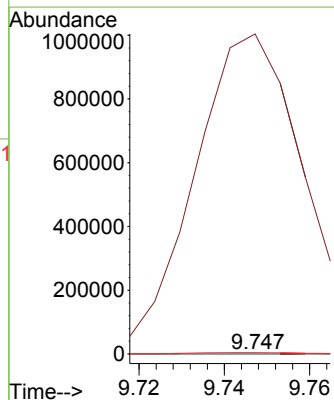
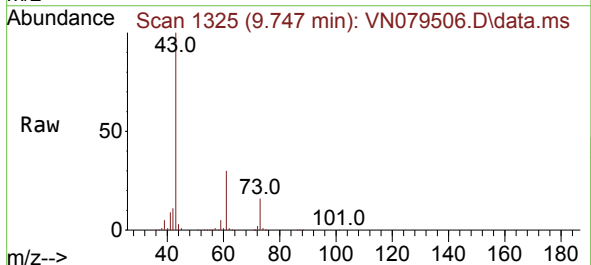
Instrument :
MSVOA_N
ClientSampleId :

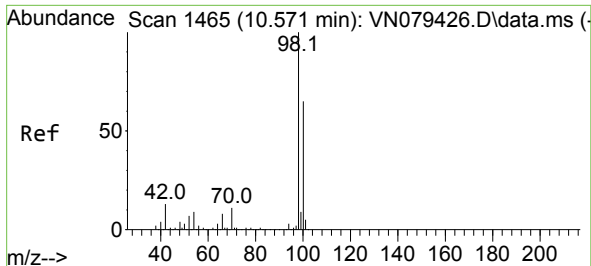
Tgt Ion: 41 Resp: 6999
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 63.1 54.6 81.8



#49
1,4-Dioxane
Concen: 1.853 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.047 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Tgt Ion: 88 Resp: 171
Ion Ratio Lower Upper
88 100
43 1082735.1 17.0 25.6#
58 4621.1 47.0 70.4#

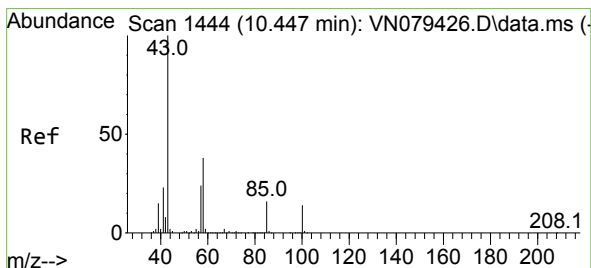
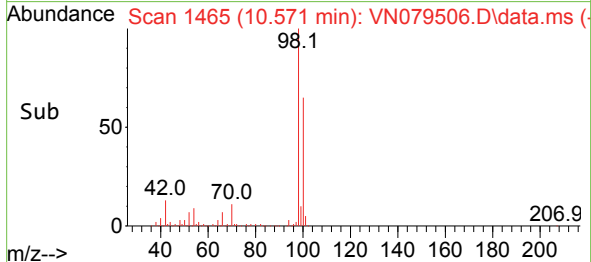
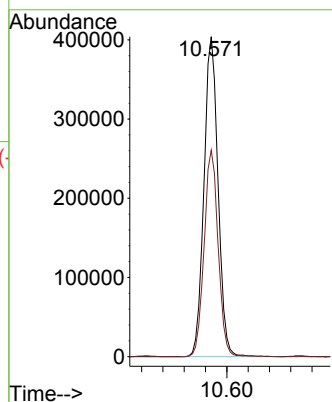
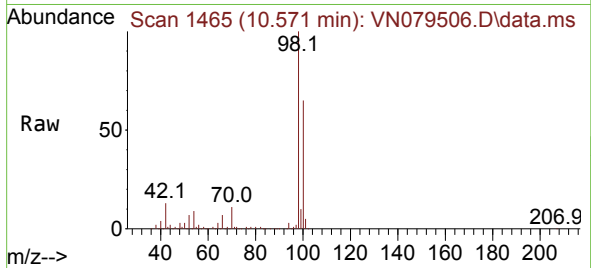




#50
Toluene-d8
Concen: 45.720 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

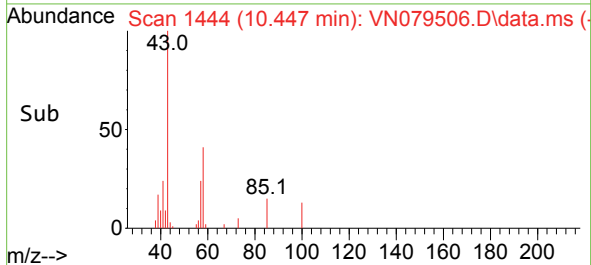
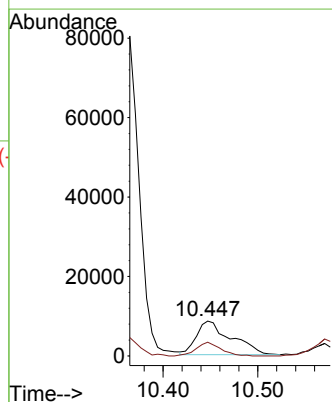
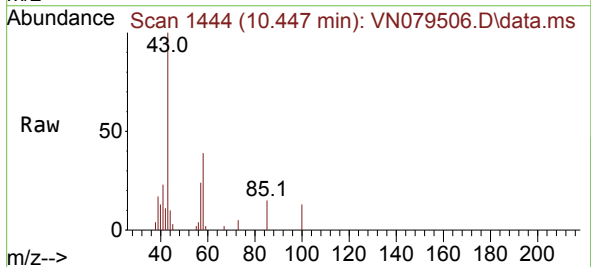
Instrument :
MSVOA_N
ClientSampleId :

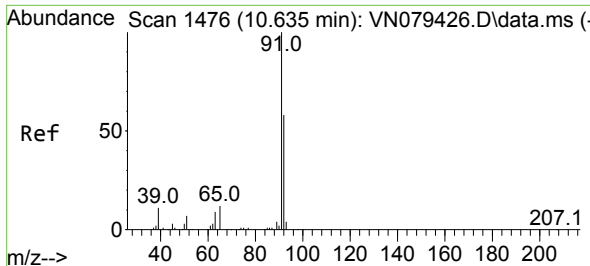
Tgt Ion: 98 Resp: 739097
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 3.276 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Tgt Ion: 43 Resp: 21618
Ion Ratio Lower Upper
43 100
58 28.7 36.6 54.8#

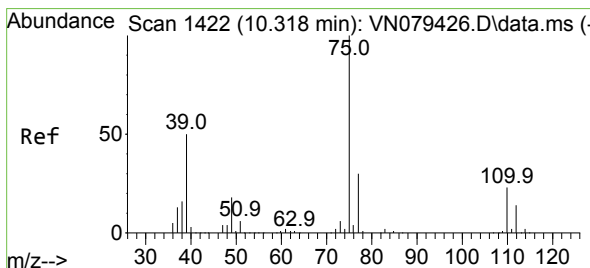
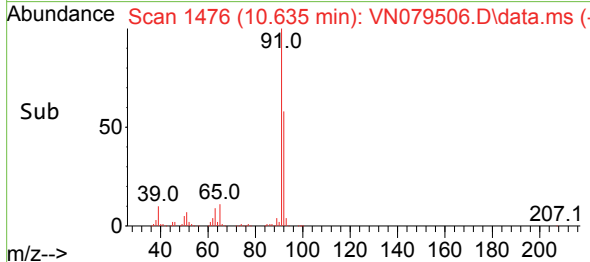
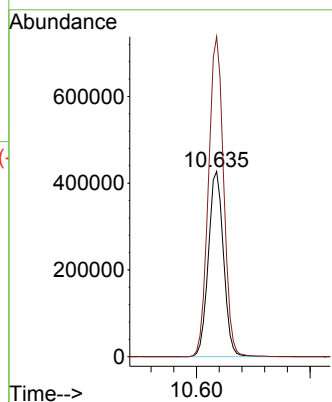
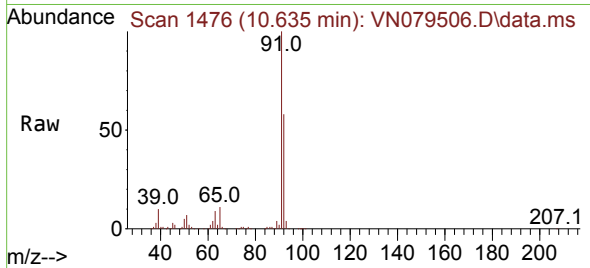




#52
Toluene
Concen: 67.001 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

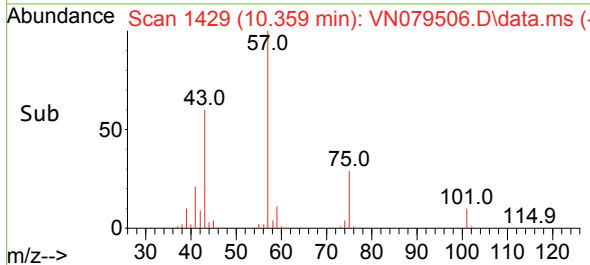
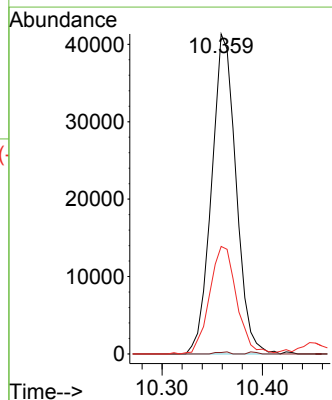
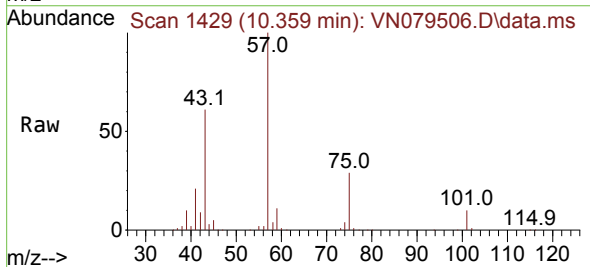
Instrument :
MSVOA_N
ClientSampleId :

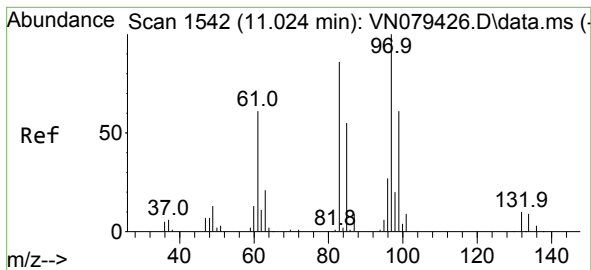
Tgt Ion: 92 Resp: 785396
Ion Ratio Lower Upper
92 100
91 173.8 137.4 206.0



#54
cis-1,3-Dichloropropene
Concen: 9.053 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

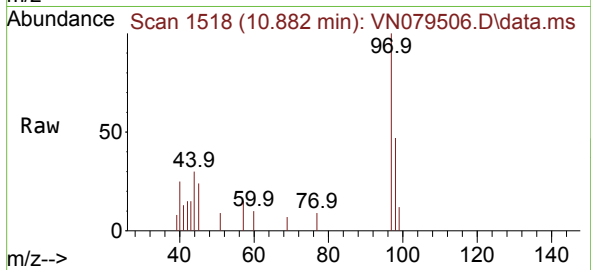
Tgt Ion: 75 Resp: 69813
Ion Ratio Lower Upper
75 100
77 0.4 26.1 39.1#
39 33.6 31.6 47.4



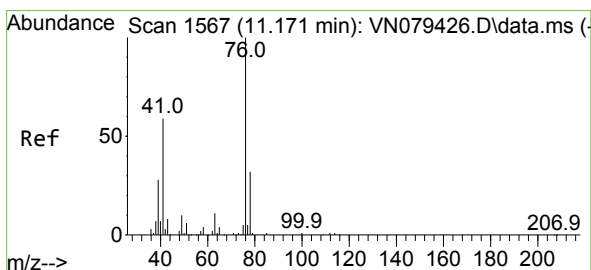
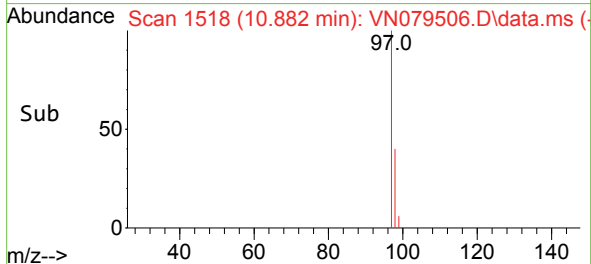
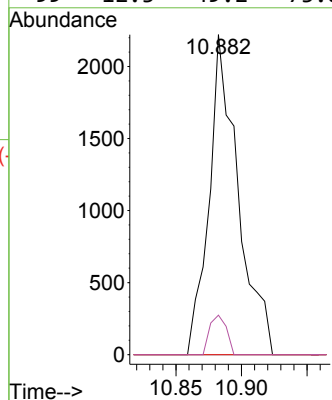


#55
 1,1,2-Trichloroethane
 Concen: 0.727 ug/l
 RT: 10.882 min Scan# 1518
 Delta R.T. -0.141 min
 Lab File: VN079506.D
 Acq: 10 Oct 2023 20:25

Instrument :
 MSVOA_N
 ClientSampleId :

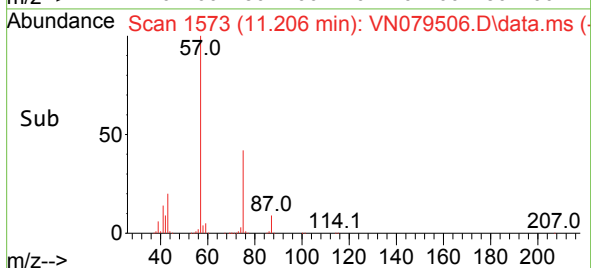
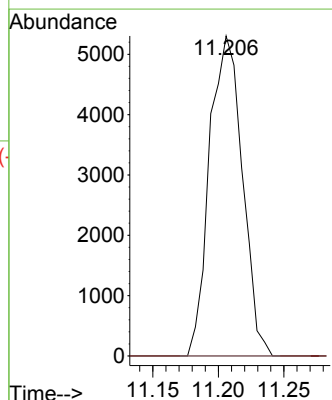
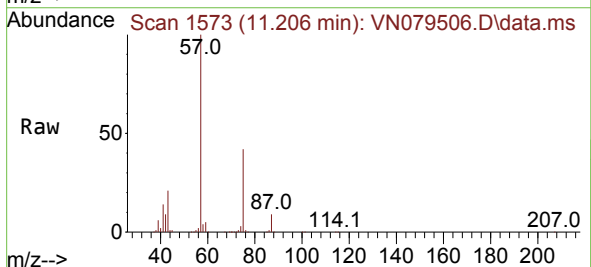


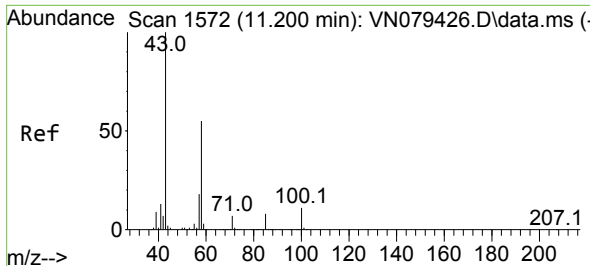
Tgt Ion: 97	Resp: 3420
Ion Ratio	Lower Upper
97 100	
83 0.0	65.1 97.7#
85 0.0	43.4 65.2#
99 12.3	49.2 73.8#



#57
 1,3-Dichloropropane
 Concen: 1.137 ug/l
 RT: 11.206 min Scan# 1573
 Delta R.T. 0.035 min
 Lab File: VN079506.D
 Acq: 10 Oct 2023 20:25

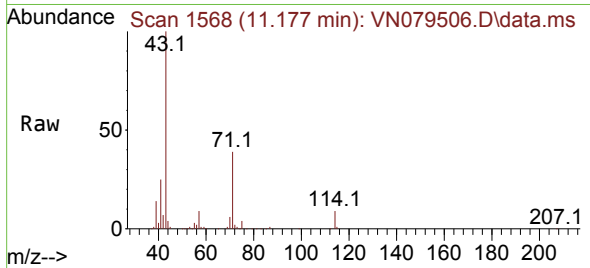
Tgt Ion: 76	Resp:	9243	
Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#



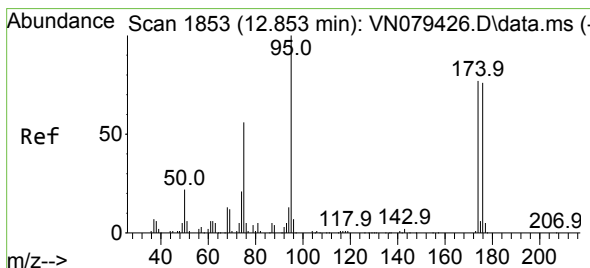
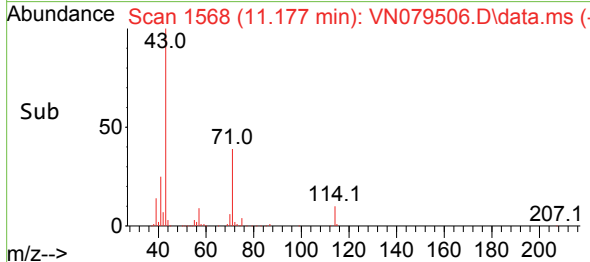
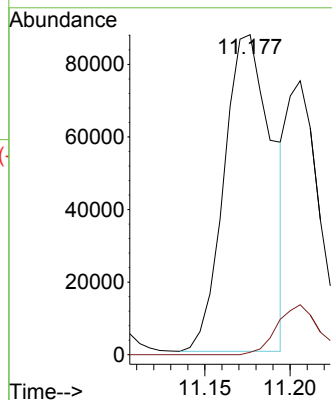


#59
2-Hexanone
Concen: 36.094 ug/l
RT: 11.177 min Scan# 111865
Delta R.T. -0.023 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Instrument :
MSVOA_N
ClientSampleId :

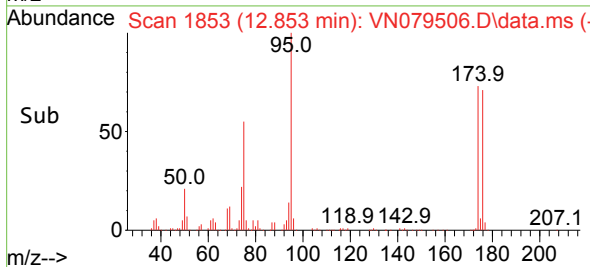
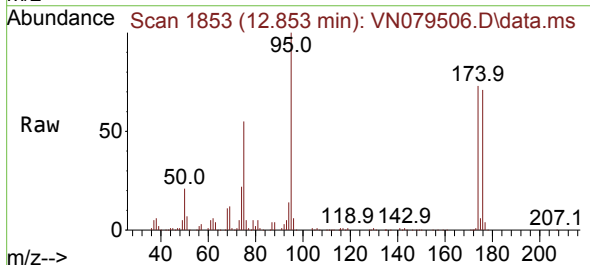
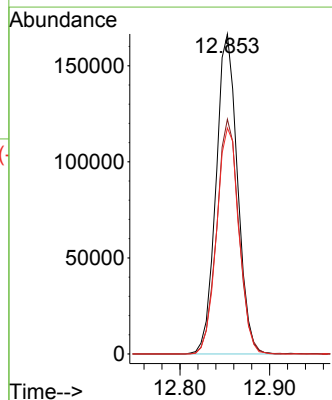


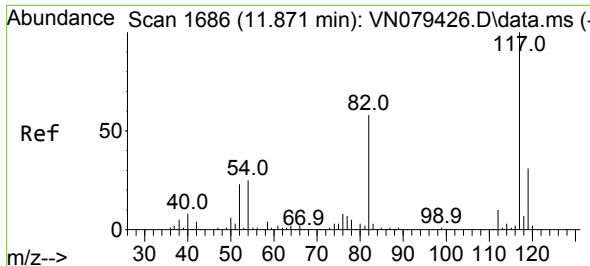
Tgt Ion: 43 Resp: 171865
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 53.288 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Tgt Ion: 95 Resp: 276451
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 73.6 0.0 135.8

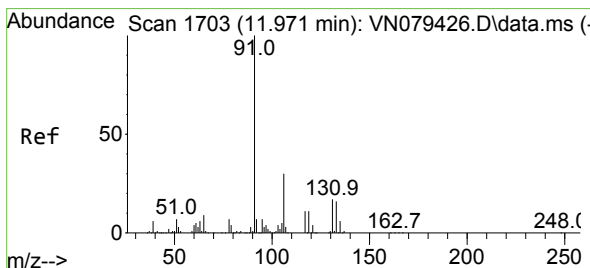
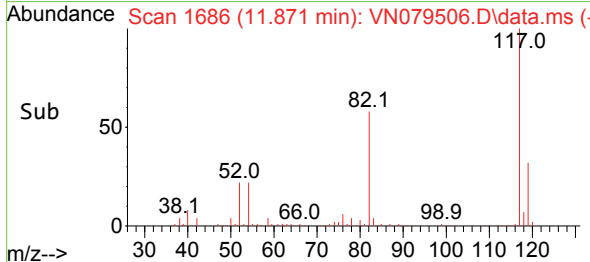
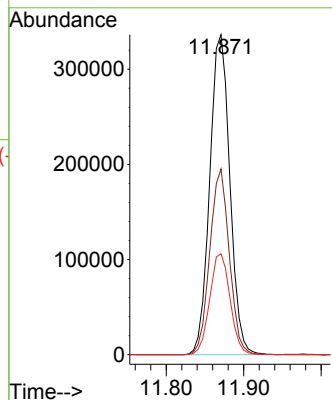
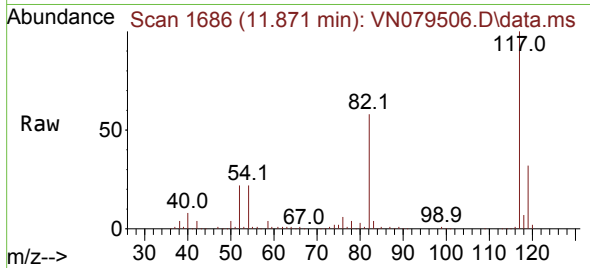




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

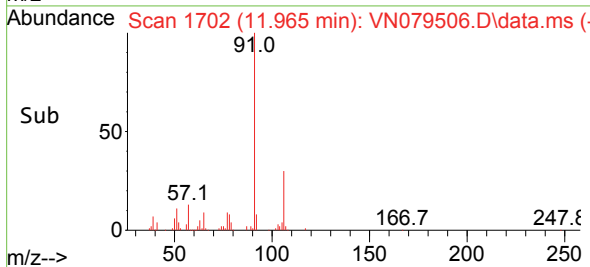
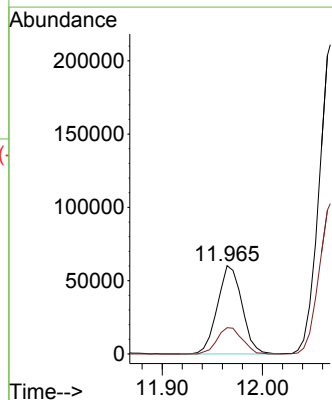
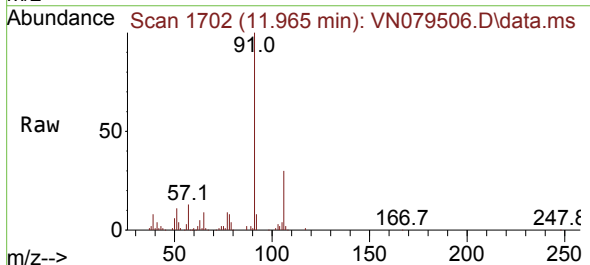
Instrument :
MSVOA_N
ClientSampleId :

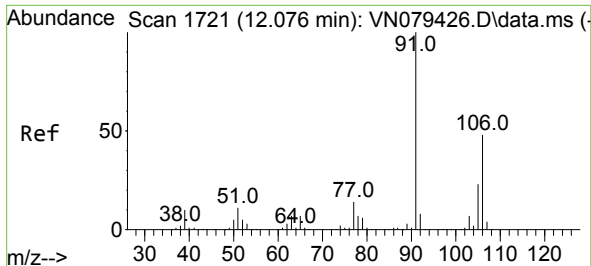
Tgt Ion:117 Resp: 606421
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 31.6 25.6 38.4



#67
Ethyl Benzene
Concen: 4.359 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Tgt Ion: 91 Resp: 102313
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

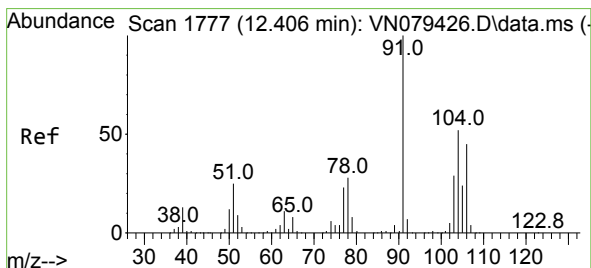
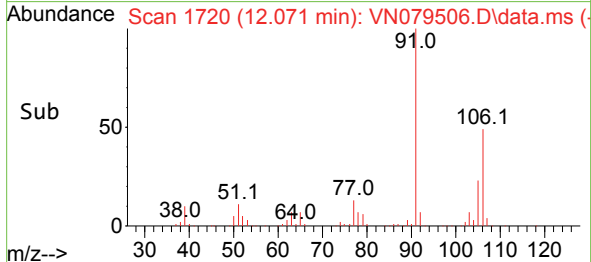
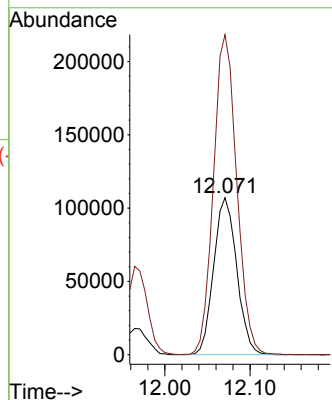
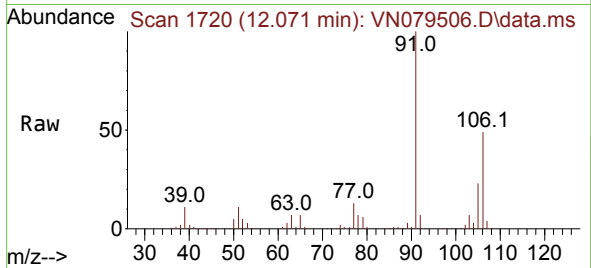




#68
m/p-Xylenes
Concen: 23.574 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

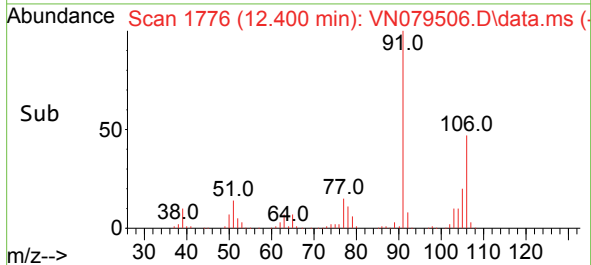
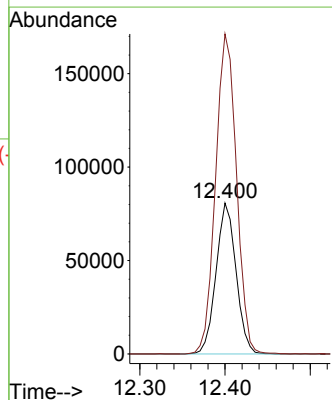
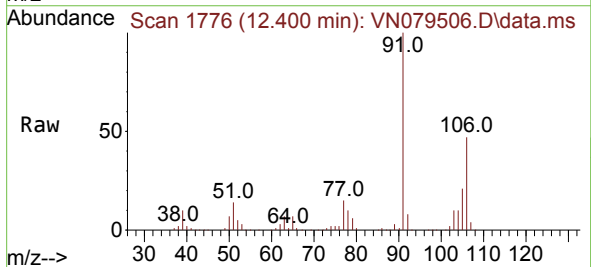
Instrument :
MSVOA_N
ClientSampleId :

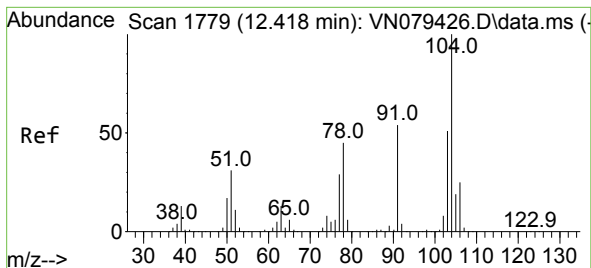
Tgt Ion:106 Resp: 201059
Ion Ratio Lower Upper
106 100
91 205.9 159.6 239.4



#69
o-Xylene
Concen: 15.696 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Tgt Ion:106 Resp: 131651
Ion Ratio Lower Upper
106 100
91 222.2 105.2 315.5





#70

Styrene

Concen: 4.559 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079506.D

Acq: 10 Oct 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

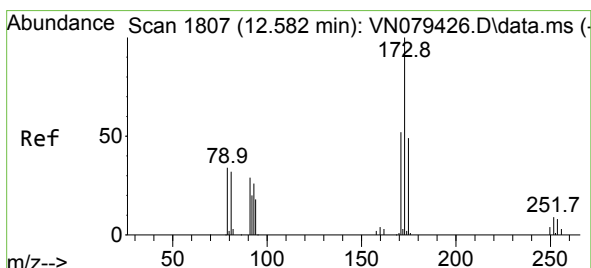
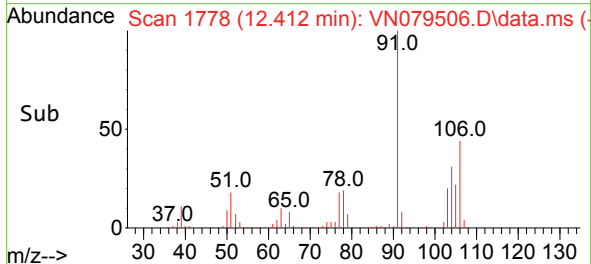
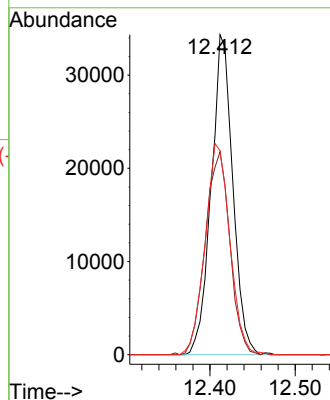
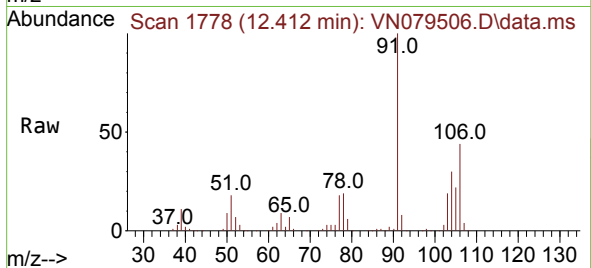
Tgt Ion:104 Resp: 60407

Ion Ratio Lower Upper

104 100

78 72.6 39.5 59.3#

103 75.3 43.2 64.8#



#71

Bromoform

Concen: 0.630 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN079506.D

Acq: 10 Oct 2023 20:25

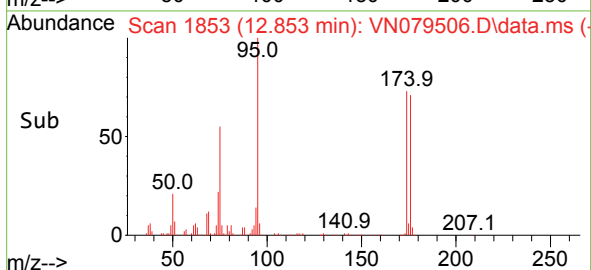
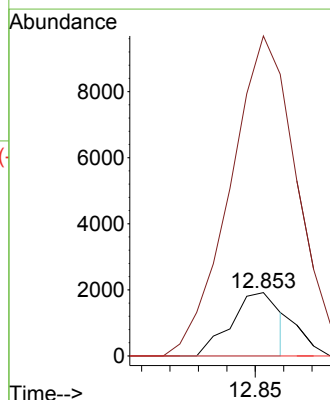
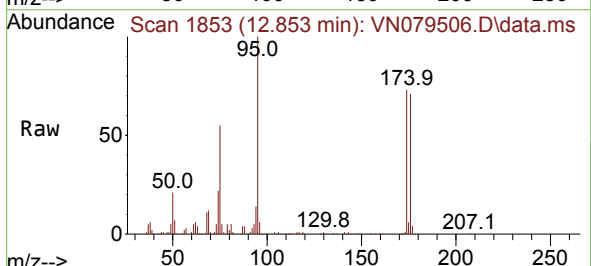
Tgt Ion:173 Resp: 2279

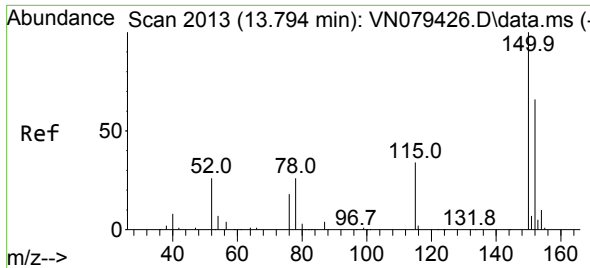
Ion Ratio Lower Upper

173 100

175 552.6 24.3 73.0#

254 0.0 0.0 0.0

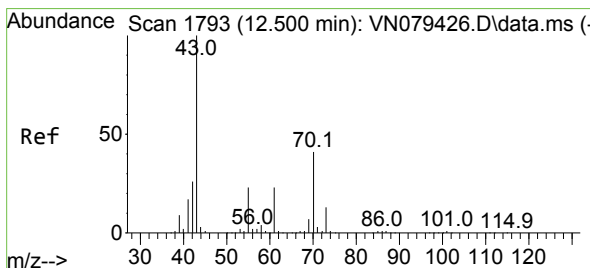
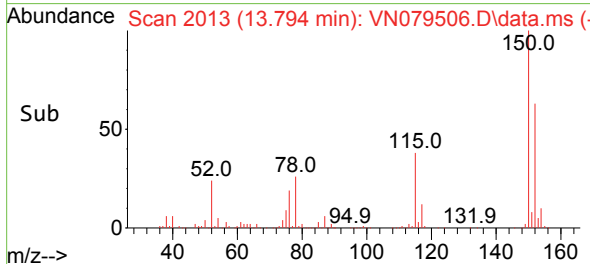
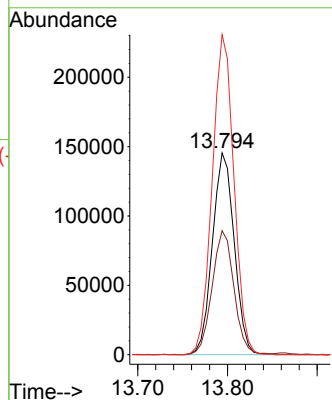
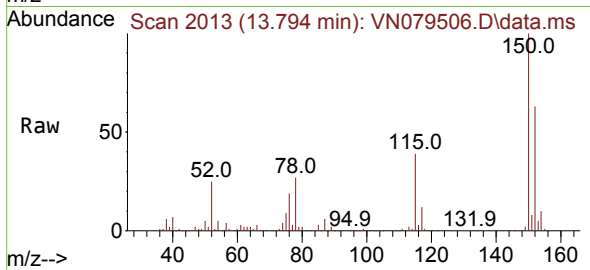




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079506.D
 Acq: 10 Oct 2023 20:25

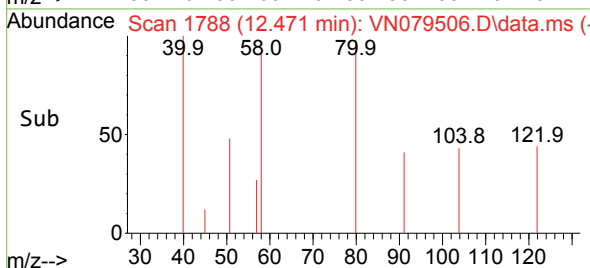
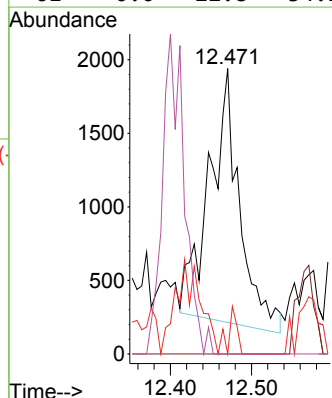
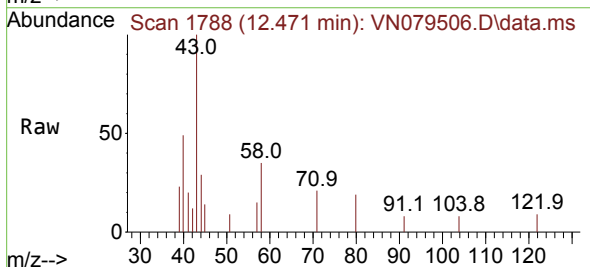
Instrument :
 MSVOA_N
 ClientSampleId :

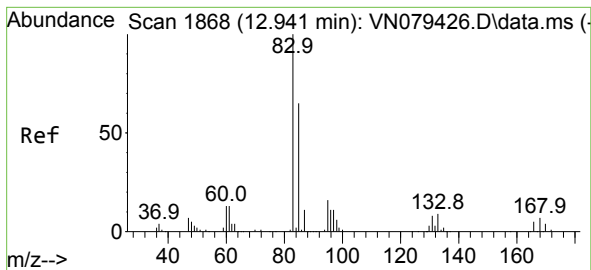
Tgt Ion:152 Resp: 245409
 Ion Ratio Lower Upper
 152 100
 115 61.6 32.3 96.8
 150 157.5 0.0 355.8



#74
 N-ethyl acetate
 Concen: 0.475 ug/l
 RT: 12.471 min Scan# 1788
 Delta R.T. -0.029 min
 Lab File: VN079506.D
 Acq: 10 Oct 2023 20:25

Tgt Ion: 43 Resp: 4446
 Ion Ratio Lower Upper
 43 100
 70 0.0 43.4 65.2#
 55 5.4 21.4 32.0#
 61 0.0 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.959 min Scan# 1871

Delta R.T. 0.018 min

Lab File: VN079506.D

Acq: 10 Oct 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

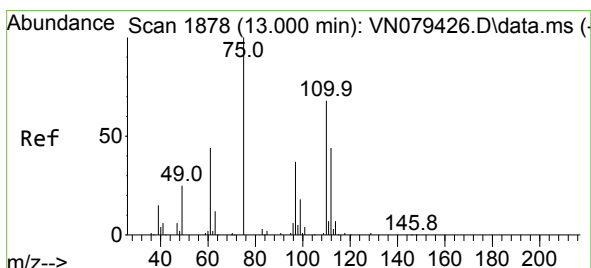
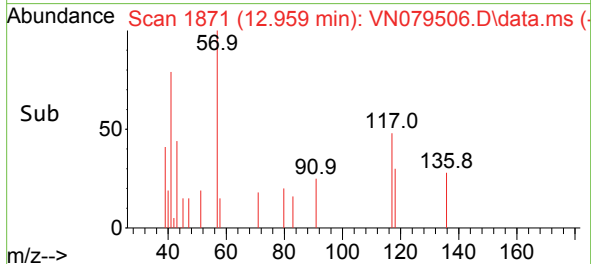
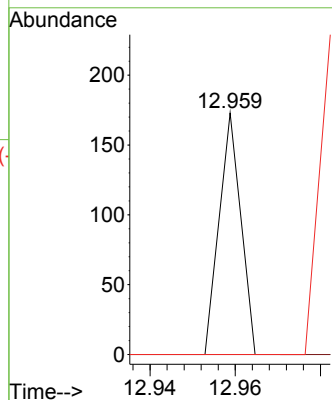
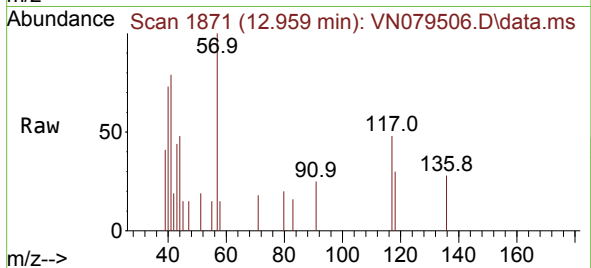
Tgt Ion: 83 Resp: 61

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 22.152 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079506.D

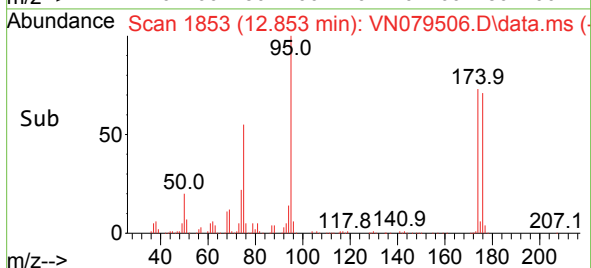
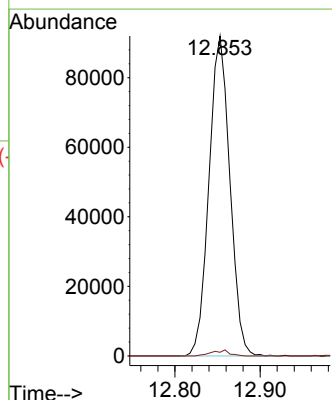
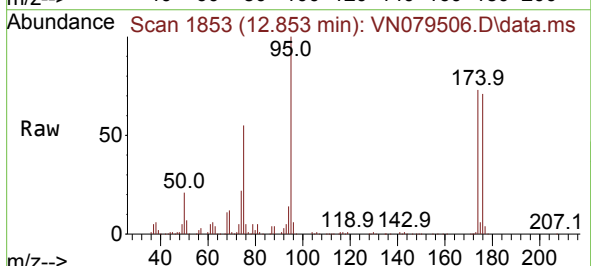
Acq: 10 Oct 2023 20:25

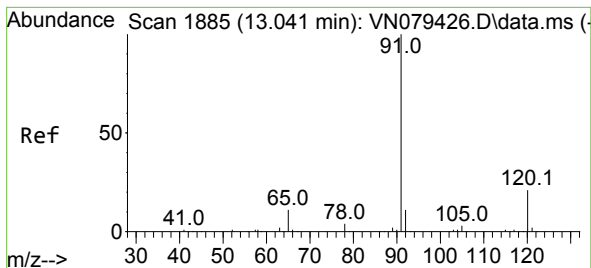
Tgt Ion: 75 Resp: 156743

Ion Ratio Lower Upper

75 100

77 1.6 84.5 253.5#





#78

n-propylbenzene

Concen: 0.297 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079506.D

Acq: 10 Oct 2023 20:25

Instrument :

MSVOA_N

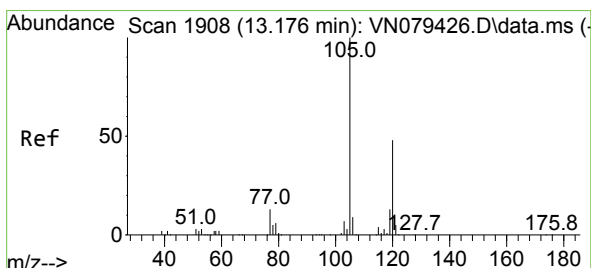
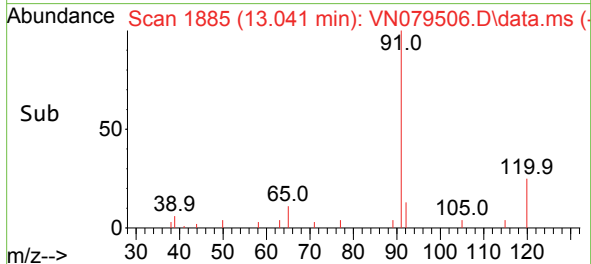
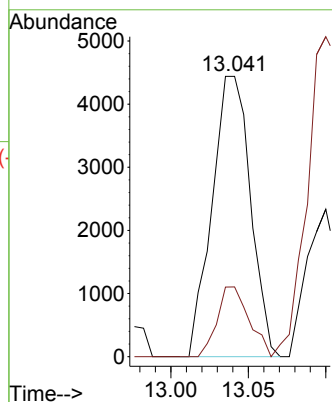
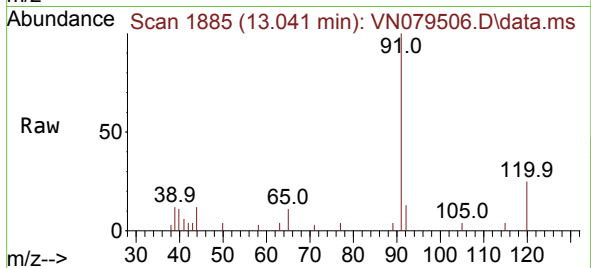
ClientSampleId :

Tgt Ion: 91 Resp: 7660

Ion Ratio Lower Upper

91 100

120 20.6 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 1.393 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079506.D

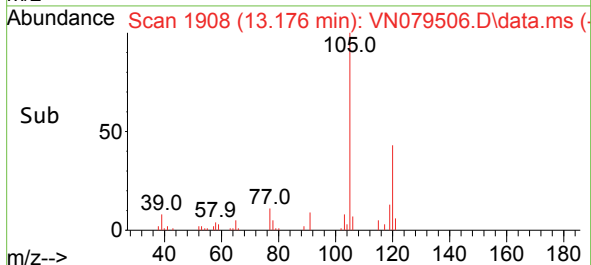
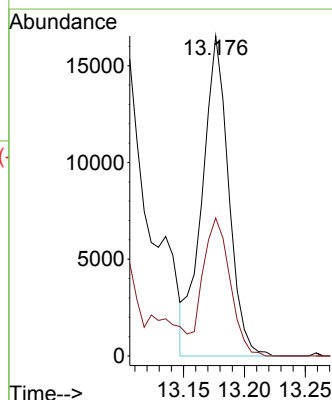
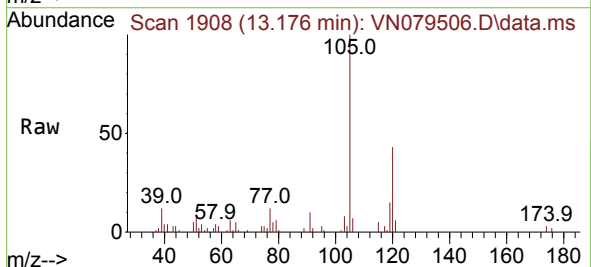
Acq: 10 Oct 2023 20:25

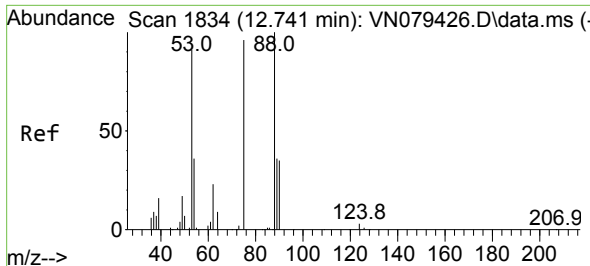
Tgt Ion: 105 Resp: 25074

Ion Ratio Lower Upper

105 100

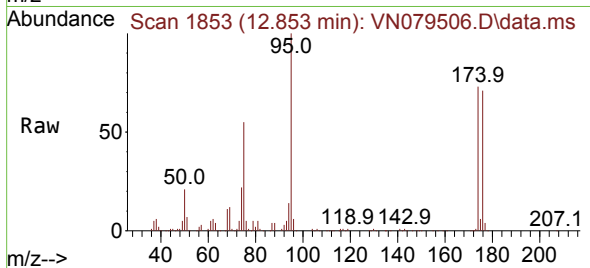
120 44.3 24.1 72.3



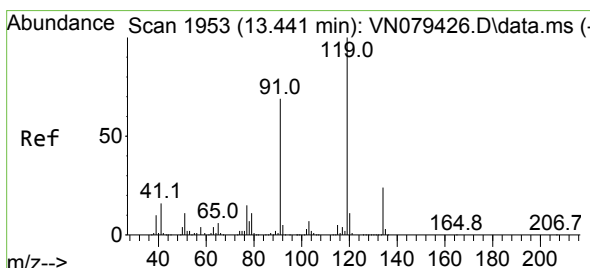
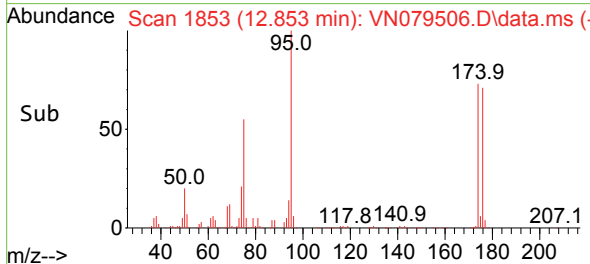
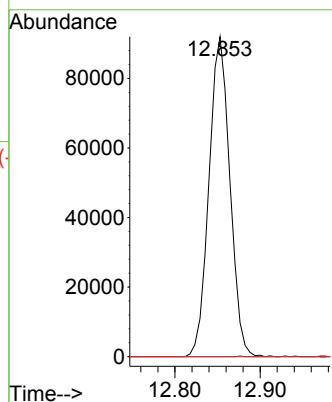


#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.275 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN079506.D
 Acq: 10 Oct 2023 20:25

Instrument :
 MSVOA_N
 ClientSampleId :

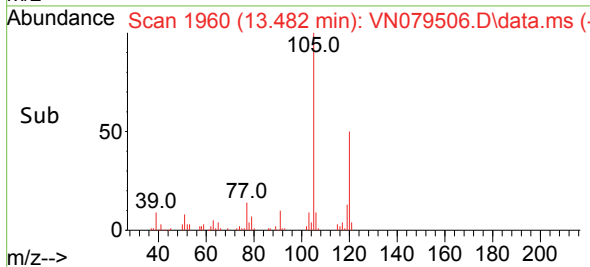
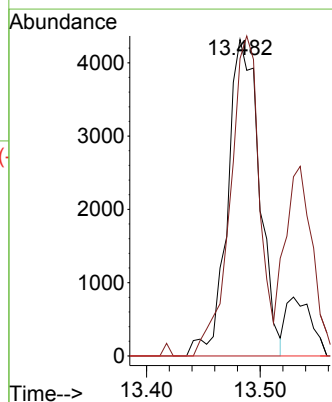
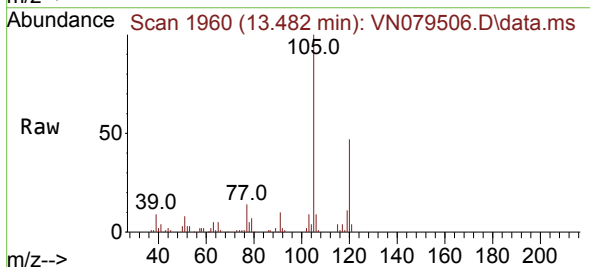


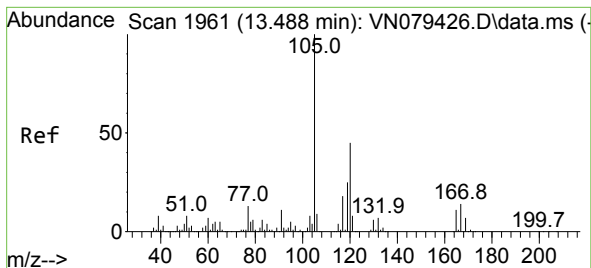
Tgt Ion: 75 Resp: 156743
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#



#83
 tert-Butylbenzene
 Concen: 0.570 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.041 min
 Lab File: VN079506.D
 Acq: 10 Oct 2023 20:25

Tgt Ion: 119 Resp: 8411
 Ion Ratio Lower Upper
 119 100
 91 92.4 33.9 101.7
 134 0.0 13.2 39.6#





#84

1,2,4-Trimethylbenzene

Concen: 4.201 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079506.D

Acq: 10 Oct 2023 20:25

Instrument :

MSVOA_N

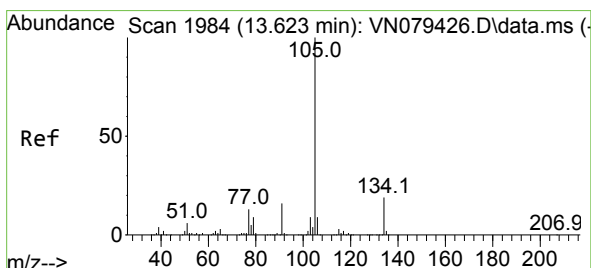
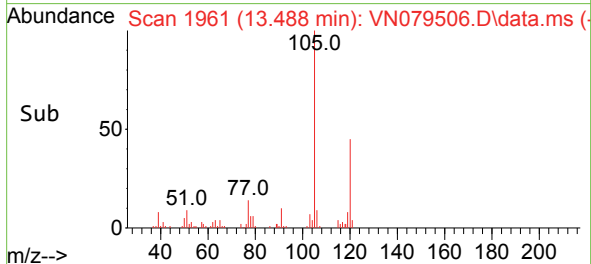
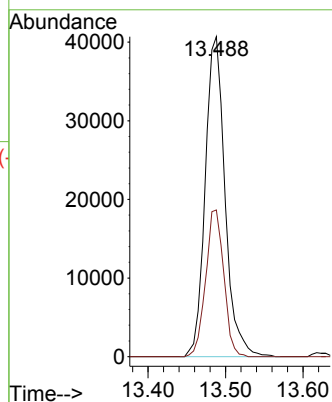
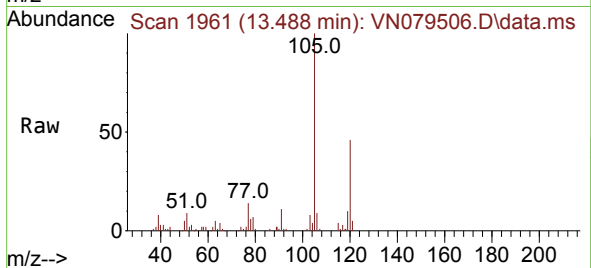
ClientSampleId :

Tgt Ion:105 Resp: 72177

Ion Ratio Lower Upper

105 100

120 42.0 22.0 66.0



#85

sec-Butylbenzene

Concen: 3.508 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.135 min

Lab File: VN079506.D

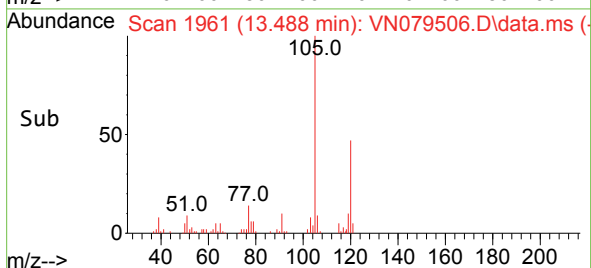
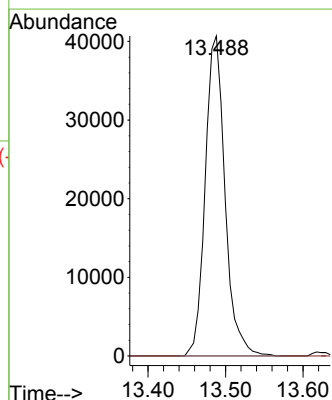
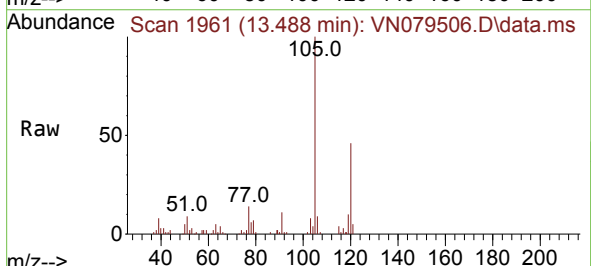
Acq: 10 Oct 2023 20:25

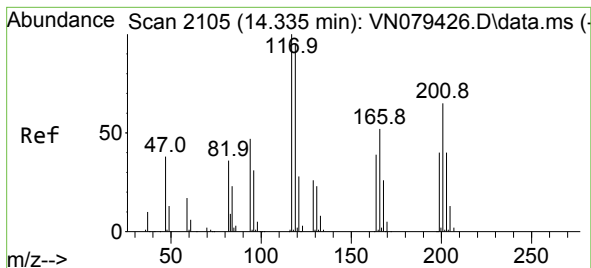
Tgt Ion:105 Resp: 72177

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#





#90

Hexachloroethane

Concen: Below Cal

RT: 14.270 min Scan# 2094

Delta R.T. -0.065 min

Lab File: VN079506.D

Acq: 10 Oct 2023 20:25

Instrument :

MSVOA_N

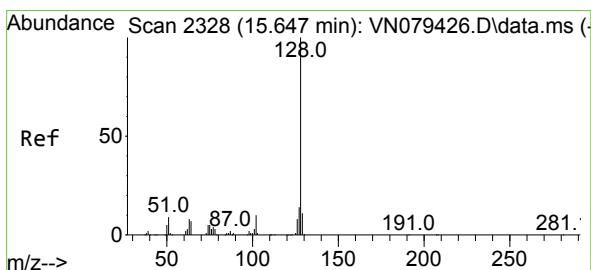
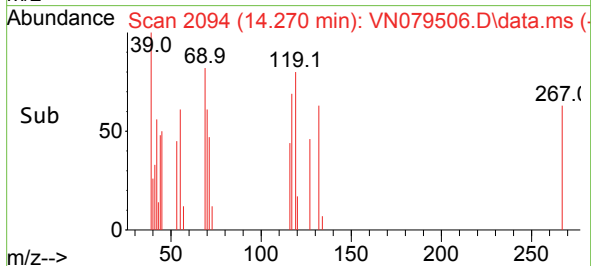
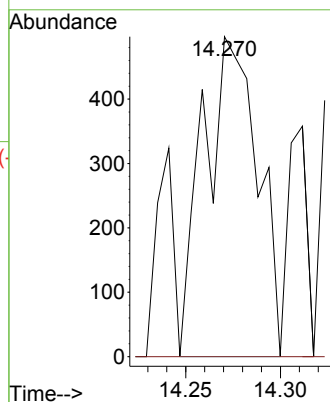
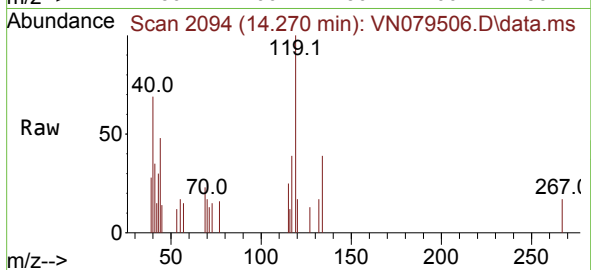
ClientSampleId :

Tgt Ion:117 Resp: 992

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#95

Naphthalene

Concen: 53.164 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079506.D

Acq: 10 Oct 2023 20:25

Tgt Ion:128 Resp: 435478

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 10.7 8.7 13.1

