

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
 Data File : VN079437.D
 Acq On : 06 Oct 2023 10:55
 Operator : JC\MD
 Sample : VN1006WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 06 23:00:30 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	241963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	429428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	387882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156888	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	196128	49.991	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.980%
35) Dibromofluoromethane	8.171	113	152368	49.374	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.740%
50) Toluene-d8	10.571	98	588415	52.696	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.400%
62) 4-Bromofluorobenzene	12.853	95	180137	50.269	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	68131	19.650	ug/l	98
3) Chloromethane	2.365	50	78123	18.058	ug/l	98
4) Vinyl Chloride	2.518	62	82598	18.355	ug/l	96
5) Bromomethane	2.953	94	49206	18.266	ug/l	99
6) Chloroethane	3.118	64	56061	16.525	ug/l	93
7) Trichlorofluoromethane	3.500	101	99363	18.701	ug/l	99
8) Diethyl Ether	3.965	74	34941	18.447	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.371	101	55094	17.744	ug/l	99
10) Methyl Iodide	4.589	142	52381	19.442	ug/l	94
11) Tert butyl alcohol	5.524	59	47604	80.619	ug/l	99
12) 1,1-Dichloroethene	4.347	96	51150	17.892	ug/l	90
13) Acrolein	4.189	56	49233	83.736	ug/l	99
14) Allyl chloride	5.030	41	79458	17.223	ug/l #	90
15) Acrylonitrile	5.724	53	159096	92.936	ug/l	97
16) Acetone	4.430	43	154374	99.206	ug/l	94
17) Carbon Disulfide	4.718	76	156461	17.546	ug/l	98
18) Methyl Acetate	5.030	43	126255	16.577	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	169063	18.201	ug/l	98
20) Methylene Chloride	5.283	84	64788	18.635	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	57362	17.179	ug/l #	82
22) Diisopropyl ether	6.677	45	193265	18.682	ug/l #	91
23) Vinyl Acetate	6.612	43	531569	91.350	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	115462	18.237	ug/l	98
25) 2-Butanone	7.488	43	210872	91.304	ug/l #	79
26) 2,2-Dichloropropane	7.500	77	92319	19.080	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	66086	18.219	ug/l	84
28) Bromochloromethane	7.818	49	61261	20.336	ug/l #	73
29) Tetrahydrofuran	7.847	42	136911	91.659	ug/l #	75
30) Chloroform	7.971	83	115924	18.122	ug/l	98
31) Cyclohexane	8.259	56	99869	17.946	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	99667	18.514	ug/l	93
36) 1,1-Dichloropropene	8.377	75	85048	18.362	ug/l	96
37) Ethyl Acetate	7.565	43	84122	18.253	ug/l #	89
38) Carbon Tetrachloride	8.365	117	86117	18.573	ug/l	93
39) Methylcyclohexane	9.606	83	84039	18.885	ug/l #	85
40) Benzene	8.612	78	261084	18.981	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	41082	16.956	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	93379	18.683	ug/l	97
43) Isopropyl Acetate	8.694	43	136487	16.904	ug/l #	90
44) Trichloroethene	9.353	130	58203	17.978	ug/l	94
45) 1,2-Dichloropropane	9.629	63	67174	18.535	ug/l	95
46) Dibromomethane	9.718	93	45327	19.311	ug/l	99
47) Bromodichloromethane	9.888	83	90280	18.698	ug/l	95
48) Methyl methacrylate	9.688	41	61431	17.755	ug/l #	82
49) 1,4-Dioxane	9.700	88	22916	359.574	ug/l	88
51) 4-Methyl-2-Pentanone	10.447	43	425114	93.270	ug/l	88
52) Toluene	10.635	92	157817	19.491	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	89558	18.406	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	98469	18.486	ug/l #	90
55) 1,1,2-Trichloroethane	11.023	97	60518	18.617	ug/l	96
56) Ethyl methacrylate	10.876	69	83077	18.599	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	108268	19.289	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	178328	104.247	ug/l	89
59) 2-Hexanone	11.200	43	306381	93.153	ug/l	86
60) Dibromochloromethane	11.359	129	62163	19.028	ug/l	100
61) 1,2-Dibromoethane	11.476	107	59627	18.484	ug/l	99
64) Tetrachloroethene	11.106	164	49606	18.591	ug/l	97
65) Chlorobenzene	11.894	112	158040	18.296	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	56166	17.758	ug/l	97
67) Ethyl Benzene	11.970	91	283142	18.858	ug/l	96
68) m/p-Xylenes	12.076	106	215226	39.452	ug/l	98
69) o-Xylene	12.406	106	98214	18.306	ug/l	91
70) Styrene	12.417	104	160166	18.900	ug/l	96
71) Bromoform	12.582	173	40421	17.462	ug/l #	100
73) Isopropylbenzene	12.700	105	257394	17.635	ug/l	98
74) N-amyl acetate	12.500	43	101516	16.966	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	91707	18.706	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	107353	23.732	ug/l	68
77) Bromobenzene	12.982	156	59903	16.738	ug/l	95
78) n-propylbenzene	13.041	91	305118	18.477	ug/l	96
79) 2-Chlorotoluene	13.129	91	182747	17.294	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	214270	18.617	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	24555	15.750	ug/l #	81
82) 4-Chlorotoluene	13.223	91	175011	17.405	ug/l	99
83) tert-Butylbenzene	13.441	119	174613	18.517	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	205702	18.728	ug/l	100
85) sec-Butylbenzene	13.623	105	240035	18.250	ug/l	99
86) p-Isopropyltoluene	13.735	119	191487	18.977	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	100325	17.674	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	98813	16.859	ug/l	99
89) n-Butylbenzene	14.059	91	147280	18.278	ug/l	97
90) Hexachloroethane	14.341	117	38229	17.993	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	96924	17.505	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13263	15.715	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	26080	15.208	ug/l	97
94) Hexachlorobutadiene	15.506	225	22860	17.116	ug/l	97
95) Naphthalene	15.647	128	62481	11.932	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	28313	13.836	ug/l	95

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QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration

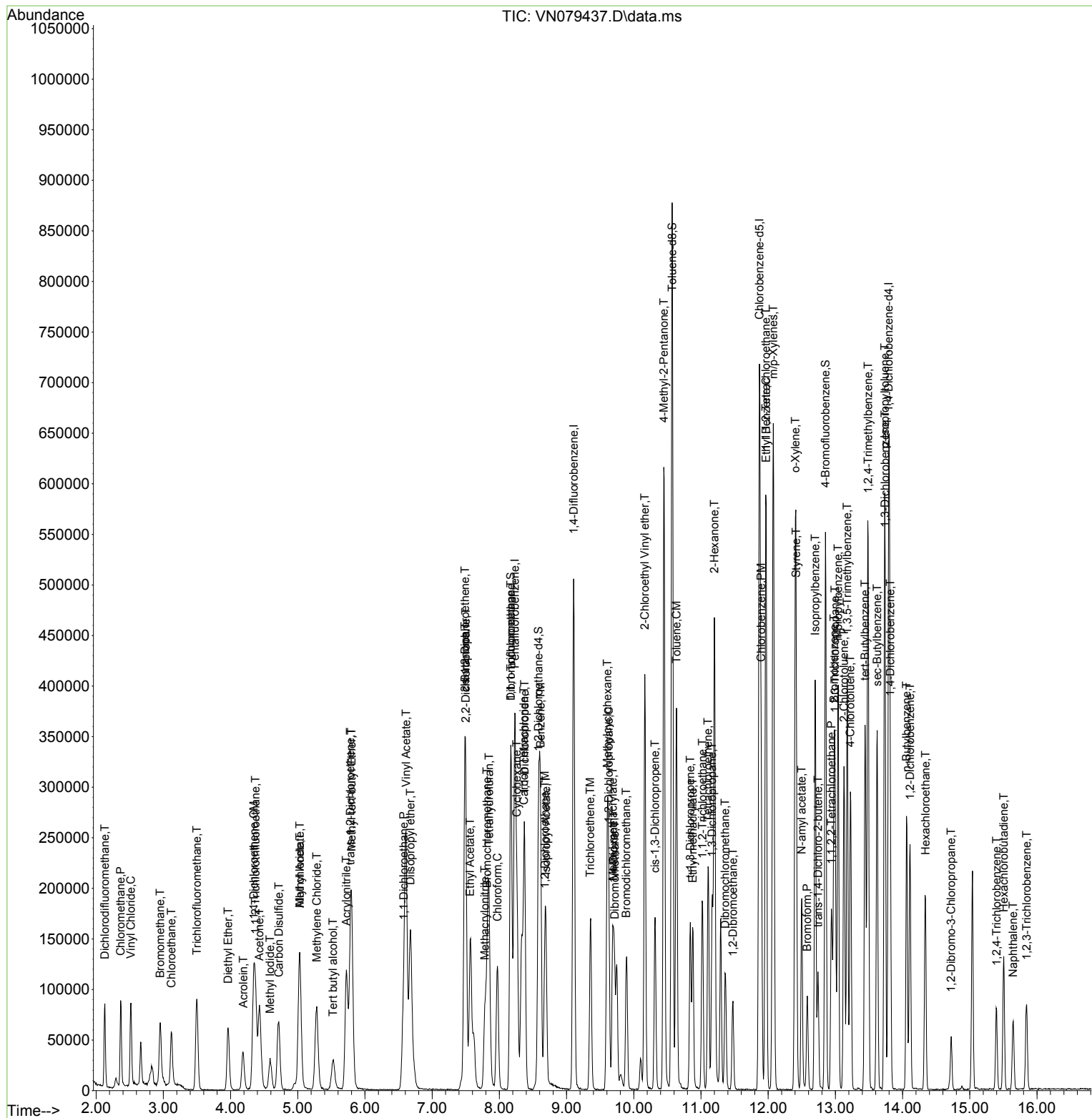
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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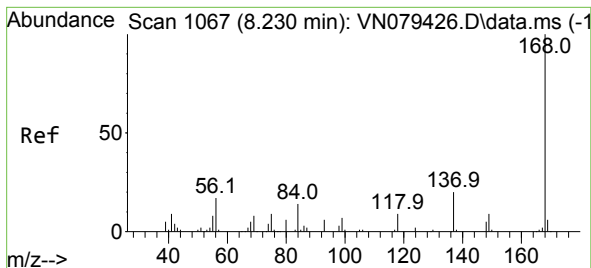
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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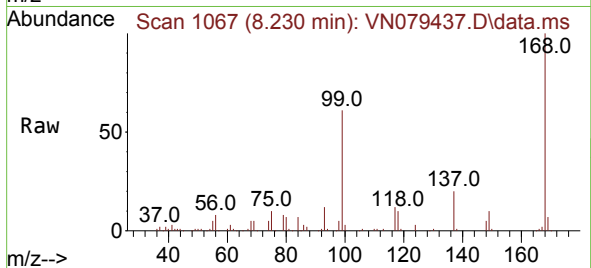
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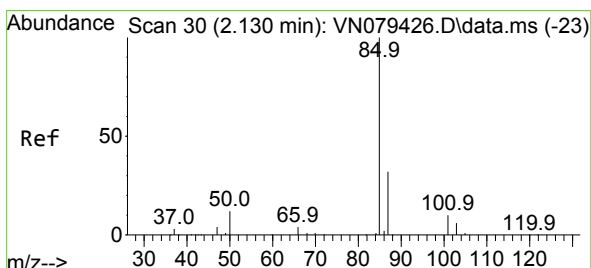
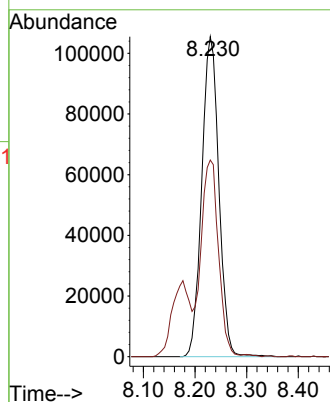
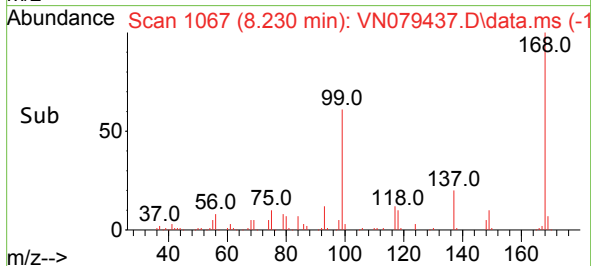


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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ClientSampleId :

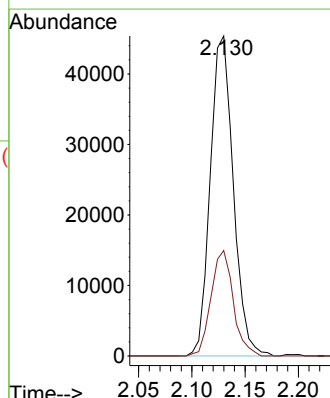
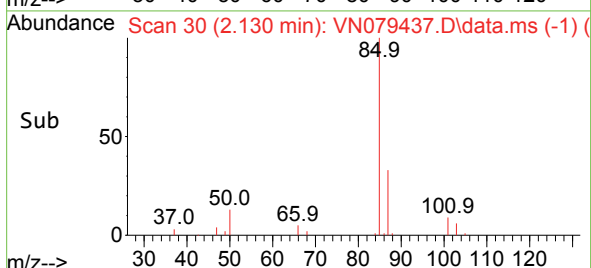
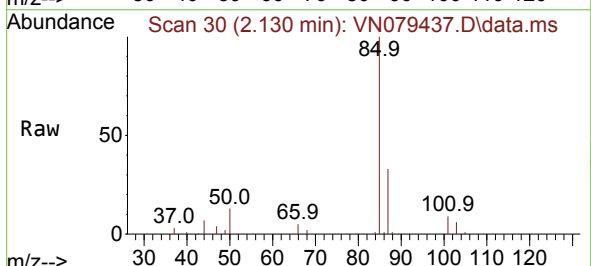


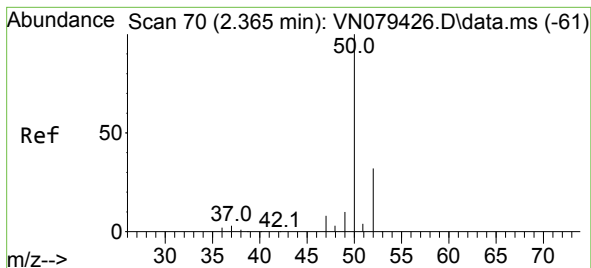
Tgt Ion:168 Resp: 241963
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 19.650 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Tgt Ion: 85 Resp: 68131
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4





#3

Chloromethane

Concen: 18.058 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.000 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

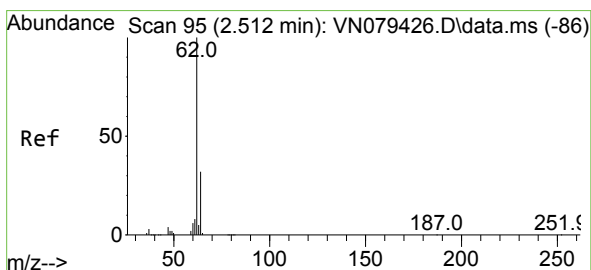
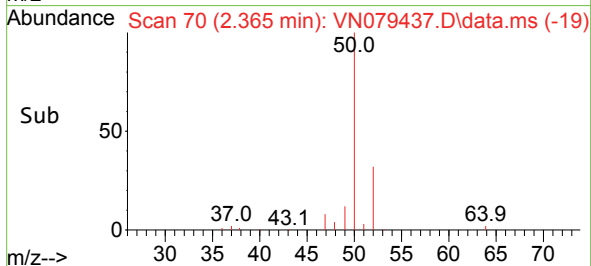
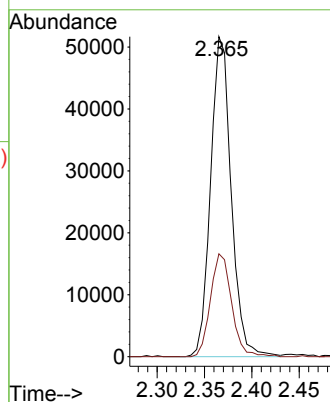
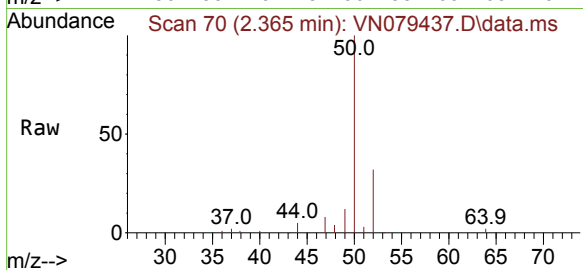
ClientSampleId :

Tgt Ion: 50 Resp: 78123

Ion Ratio Lower Upper

50 100

52 32.2 26.5 39.7



#4

Vinyl Chloride

Concen: 18.355 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN079437.D

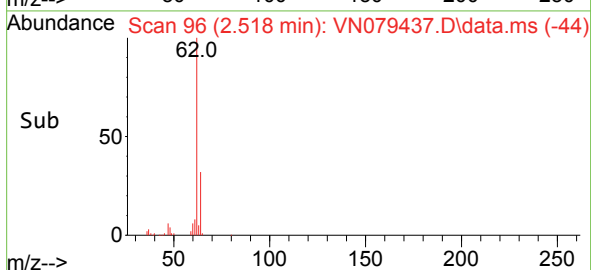
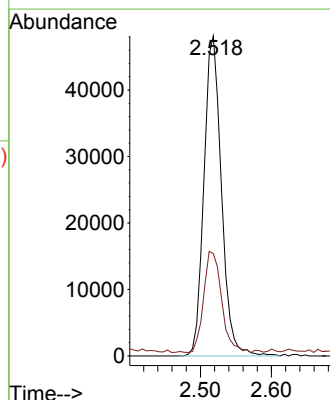
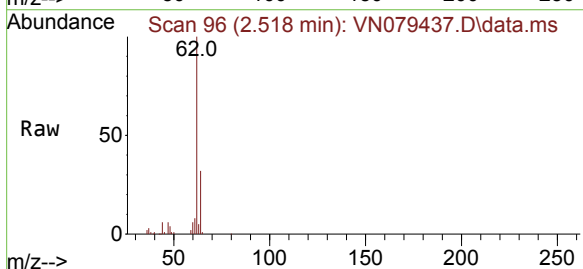
Acq: 06 Oct 2023 10:55

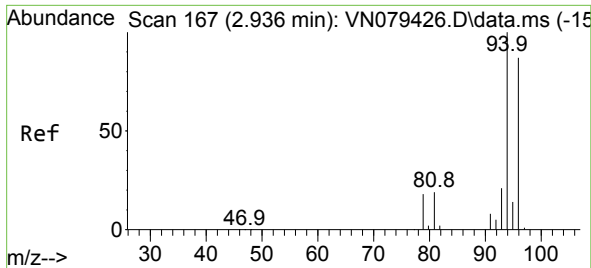
Tgt Ion: 62 Resp: 82598

Ion Ratio Lower Upper

62 100

64 30.7 26.2 39.2





#5

Bromomethane

Concen: 18.266 ug/l

RT: 2.953 min Scan# 1

Delta R.T. 0.018 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

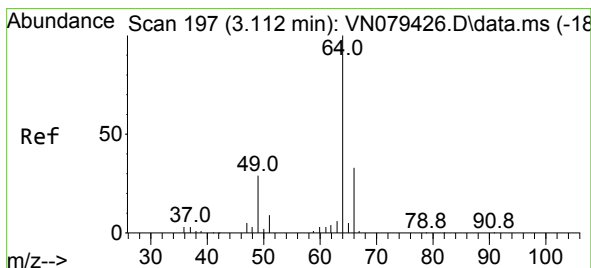
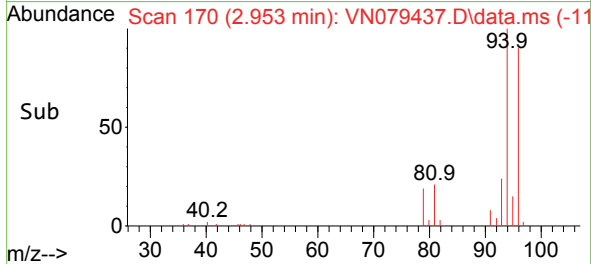
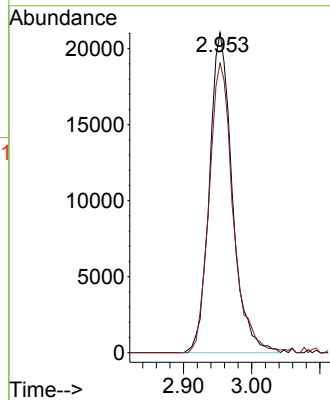
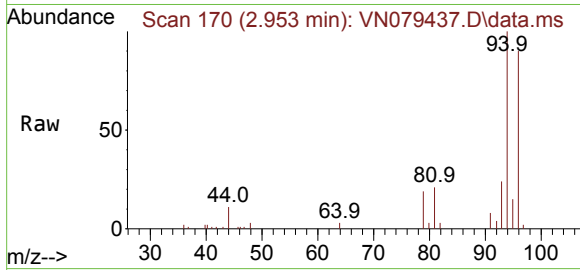
ClientSampleId :

Tgt Ion: 94 Resp: 49206

Ion Ratio Lower Upper

94 100

96 90.5 73.1 109.7



#6

Chloroethane

Concen: 16.525 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.006 min

Lab File: VN079437.D

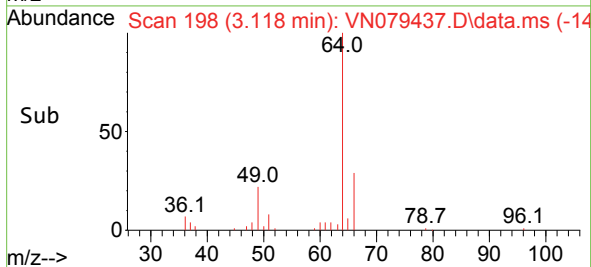
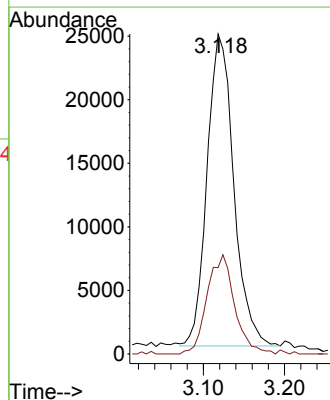
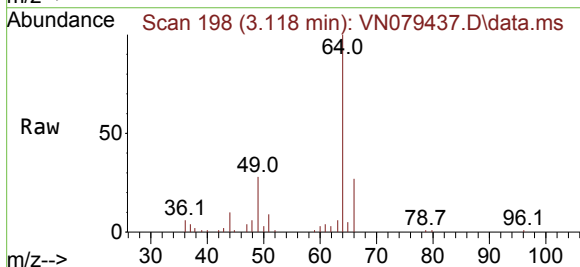
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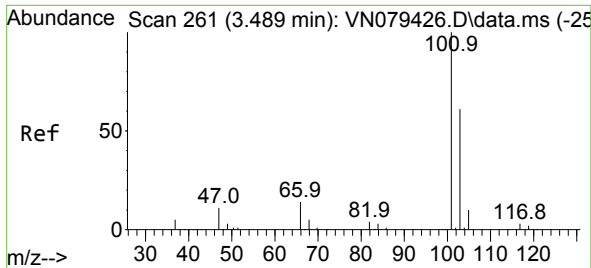
Tgt Ion: 64 Resp: 56061

Ion Ratio Lower Upper

64 100

66 27.7 25.4 38.2

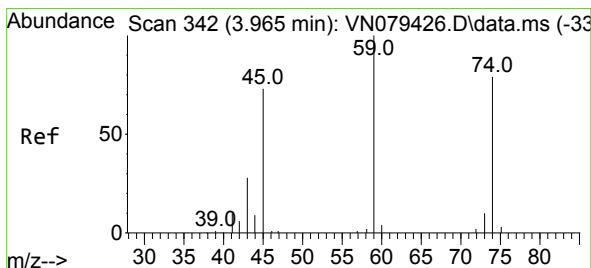
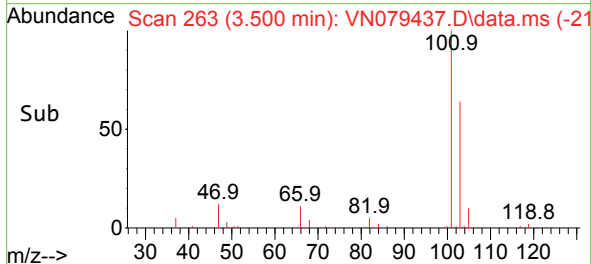
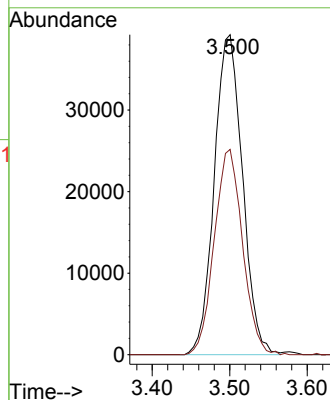
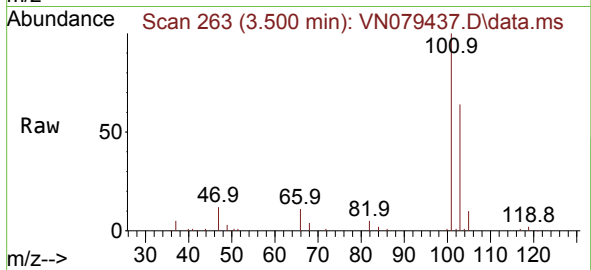




#7
Trichlorofluoromethane
Concen: 18.701 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.012 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

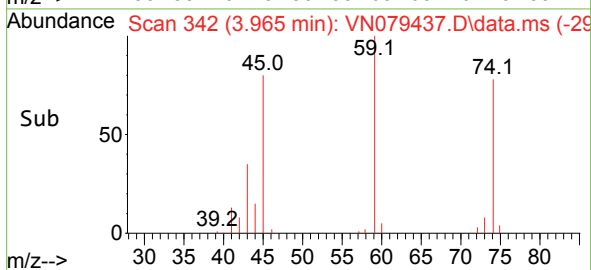
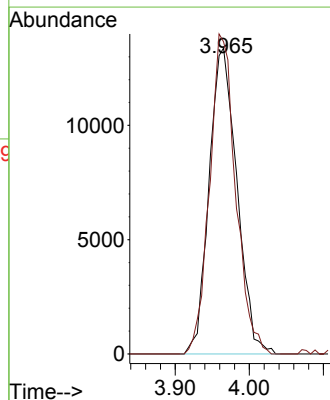
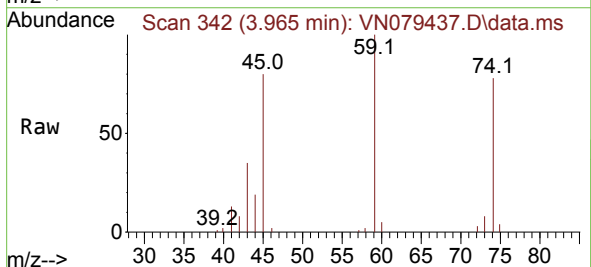
Instrument :
MSVOA_N
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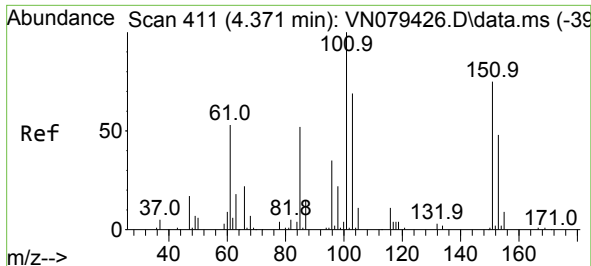
Tgt Ion:101 Resp: 99363
Ion Ratio Lower Upper
101 100
103 64.2 50.7 76.1



#8
Diethyl Ether
Concen: 18.447 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Tgt Ion: 74 Resp: 34941
Ion Ratio Lower Upper
74 100
45 98.1 34.4 103.3

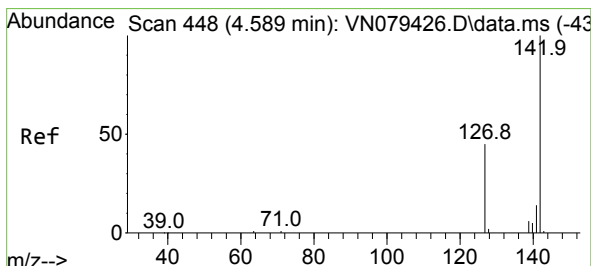
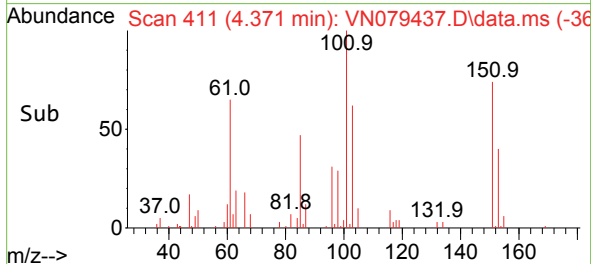
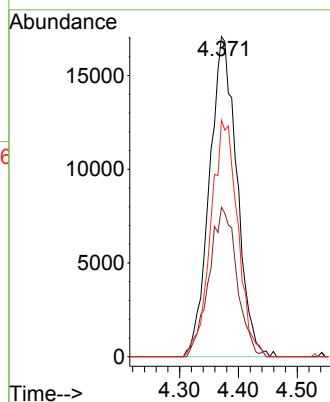
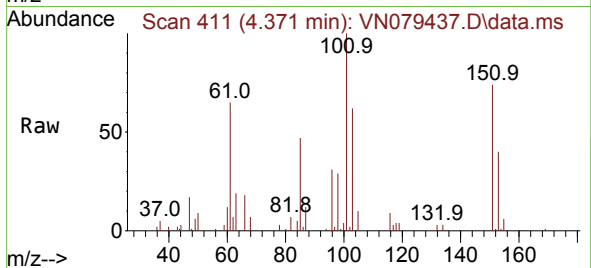




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.744 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

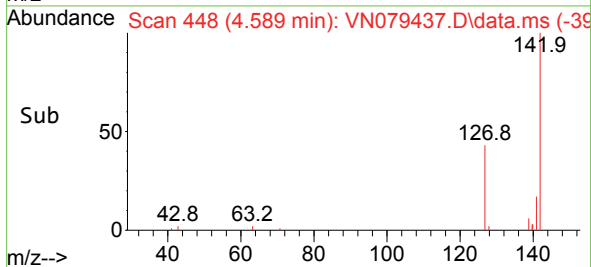
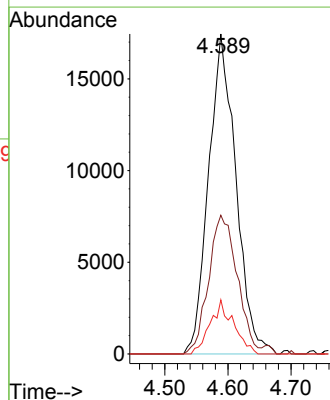
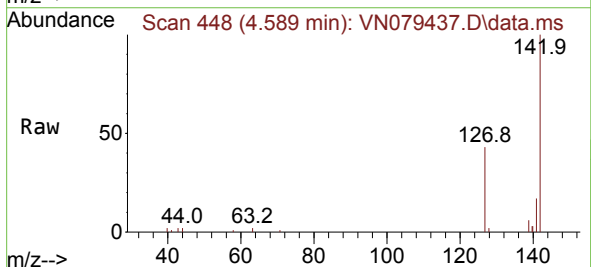
Instrument :
MSVOA_N
ClientSampleId :

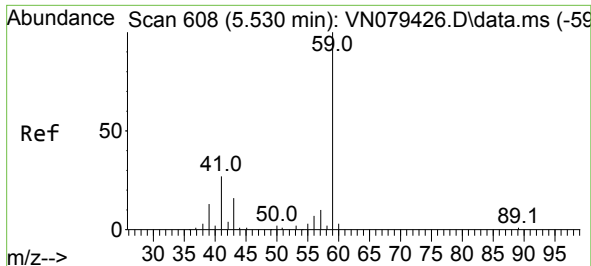
Tgt Ion:101 Resp: 55094
Ion Ratio Lower Upper
101 100
85 47.5 36.6 55.0
151 72.6 57.6 86.4



#10
Methyl Iodide
Concen: 19.442 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Tgt Ion:142 Resp: 52381
Ion Ratio Lower Upper
142 100
127 43.4 37.6 56.4
141 16.9 11.4 17.0





#11

Tert butyl alcohol

Concen: 80.619 ug/l

RT: 5.524 min Scan# 608

Delta R.T. -0.006 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

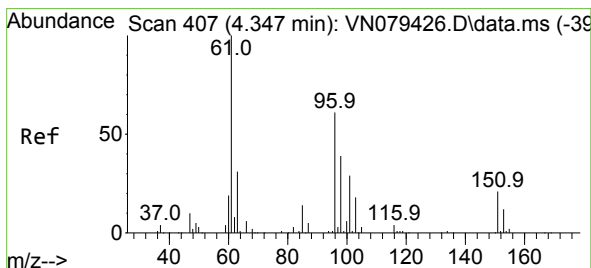
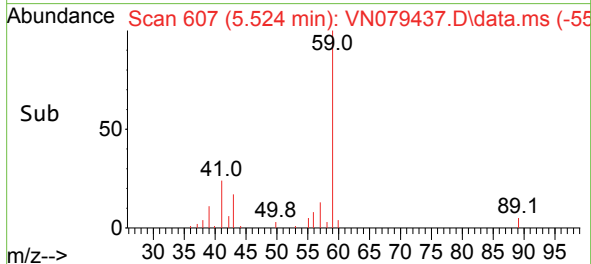
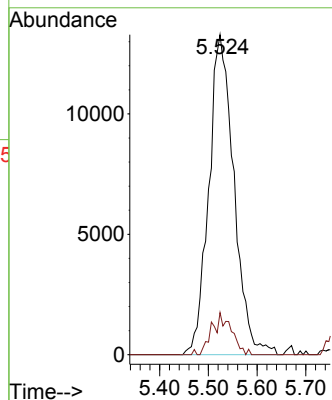
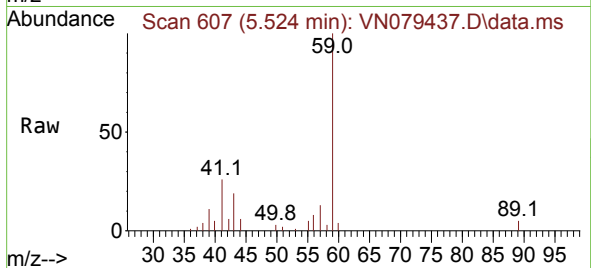
ClientSampleId :

Tgt Ion: 59 Resp: 47604

Ion Ratio Lower Upper

59 100

57 10.1 8.2 12.4



#12

1,1-Dichloroethene

Concen: 17.892 ug/l

RT: 4.347 min Scan# 407

Delta R.T. -0.000 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

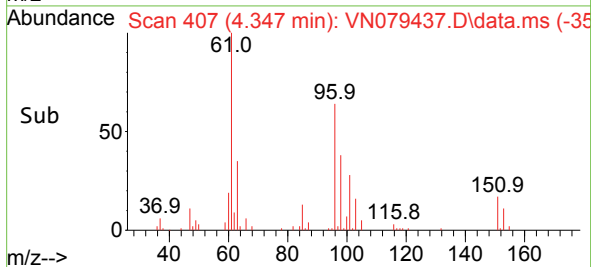
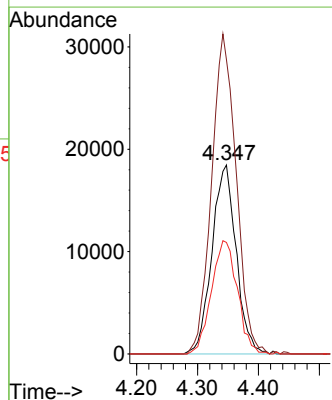
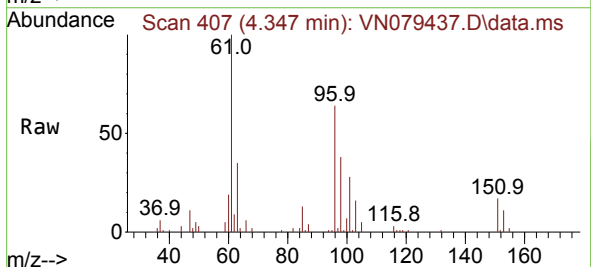
Tgt Ion: 96 Resp: 51150

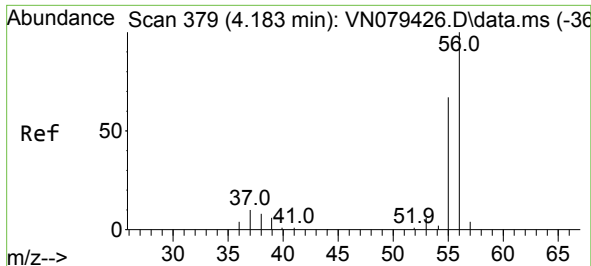
Ion Ratio Lower Upper

96 100

61 155.8 112.7 169.1

98 59.0 51.2 76.8





#13

Acrolein

Concen: 83.736 ug/l

RT: 4.189 min Scan# 379

Delta R.T. 0.006 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

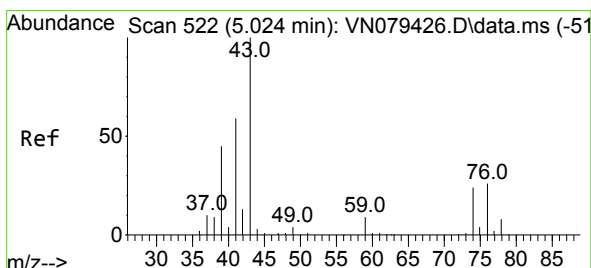
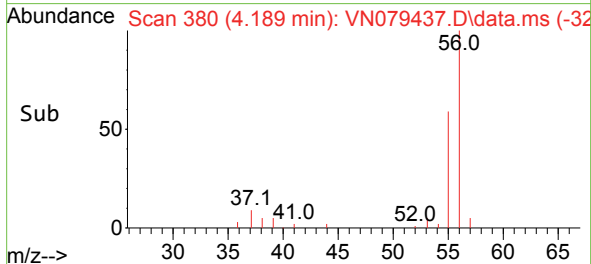
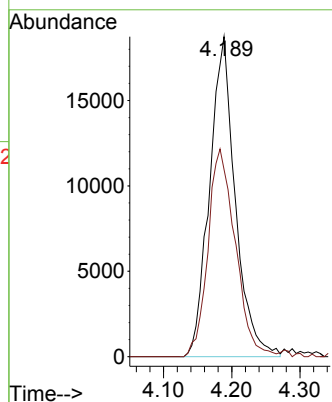
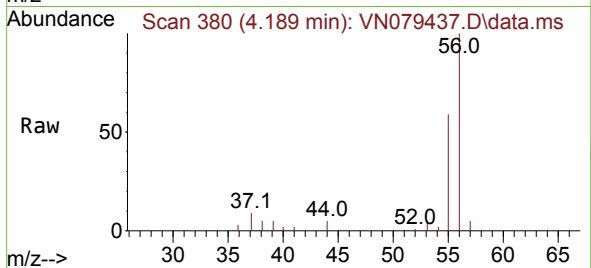
ClientSampleId :

Tgt Ion: 56 Resp: 49233

Ion Ratio Lower Upper

56 100

55 68.8 54.5 81.7



#14

Allyl chloride

Concen: 17.223 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

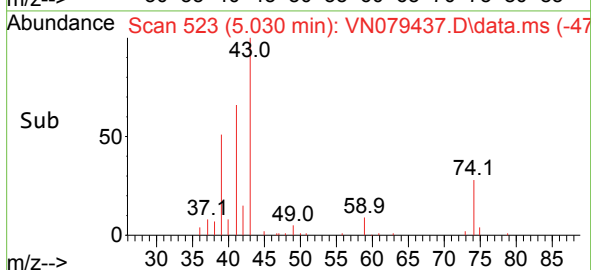
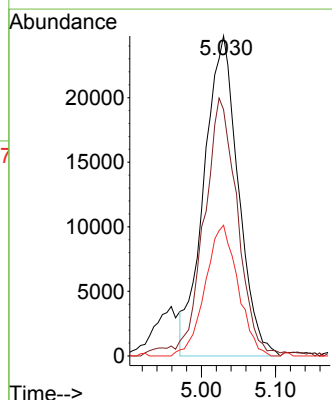
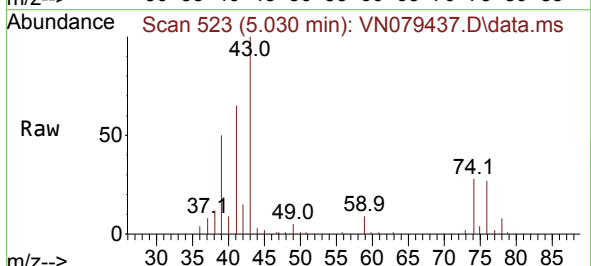
Tgt Ion: 41 Resp: 79458

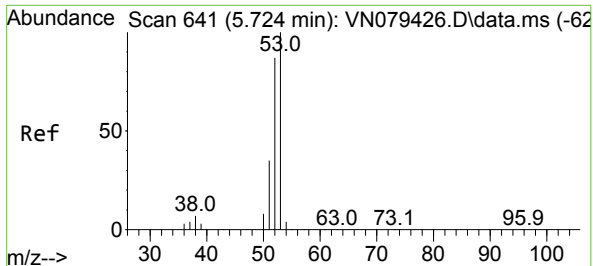
Ion Ratio Lower Upper

41 100

39 80.2 58.8 88.2

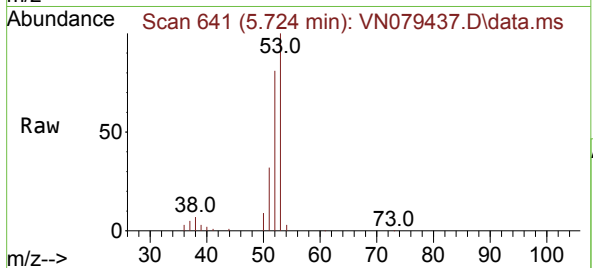
76 39.1 39.1 58.7#



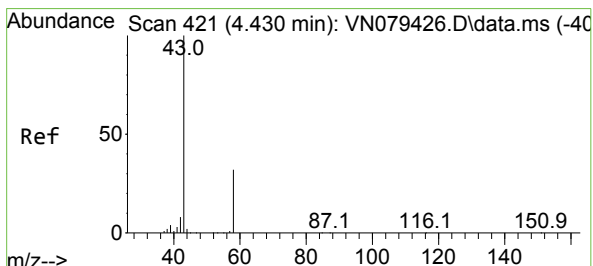
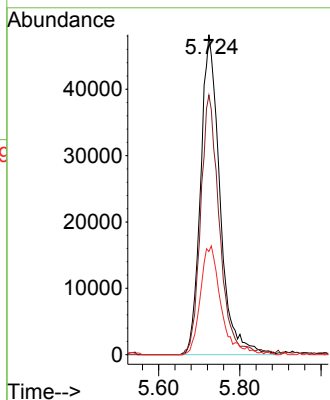
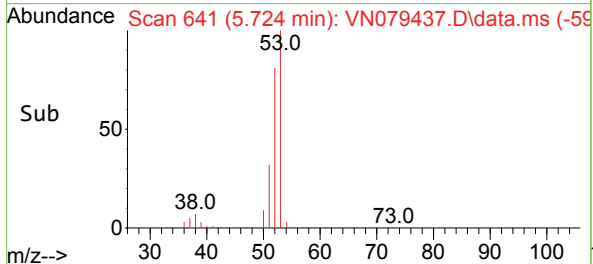


#15
Acrylonitrile
Concen: 92.936 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Instrument :
MSVOA_N
ClientSampleId :

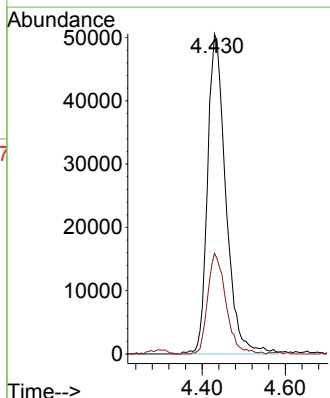
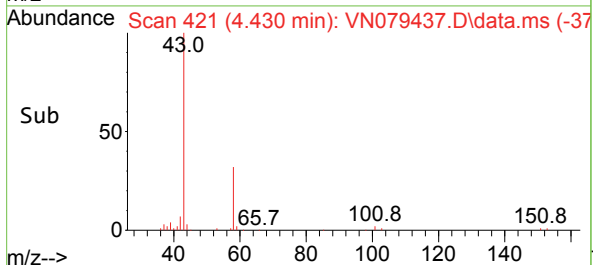
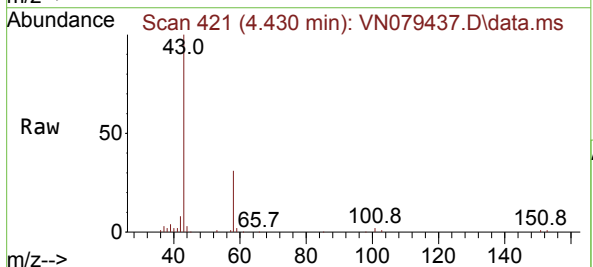


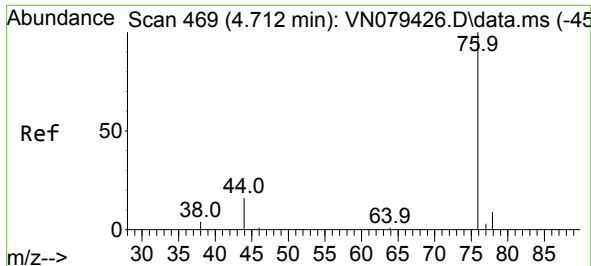
Tgt Ion: 53 Resp: 159096
Ion Ratio Lower Upper
53 100
52 78.4 65.3 97.9
51 36.2 28.9 43.3



#16
Acetone
Concen: 99.206 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Tgt Ion: 43 Resp: 154374
Ion Ratio Lower Upper
43 100
58 31.5 28.0 42.0

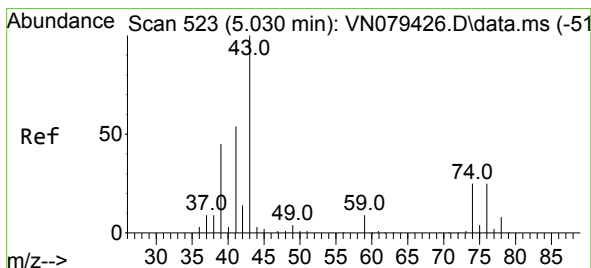
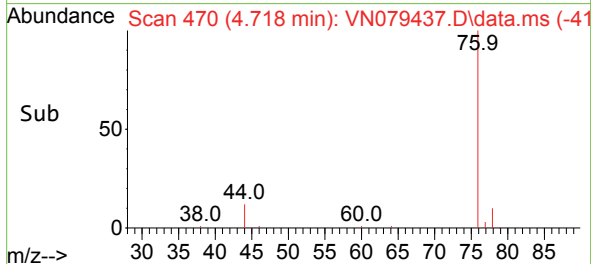
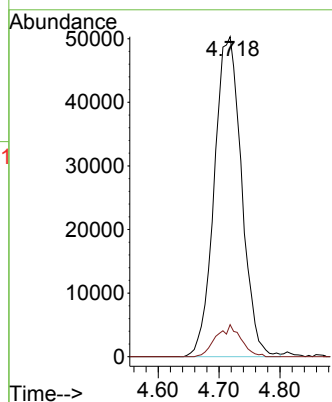
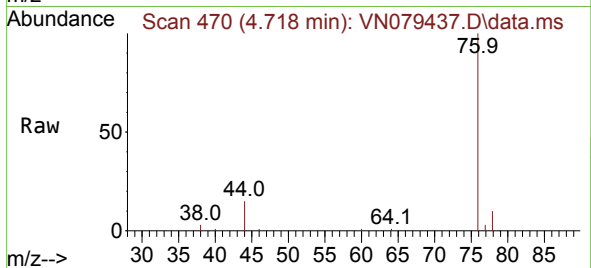




#17
Carbon Disulfide
Concen: 17.546 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

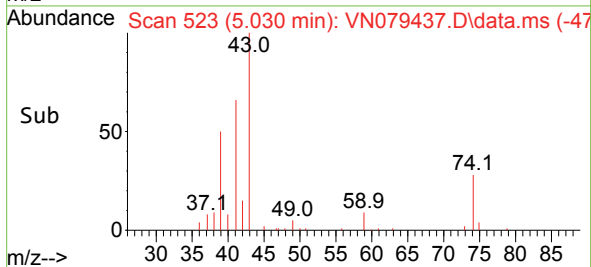
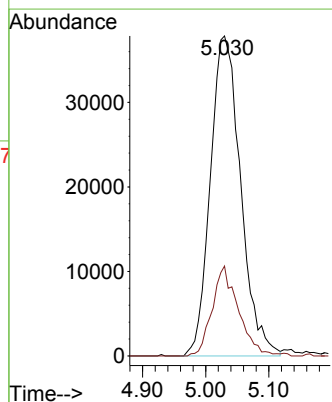
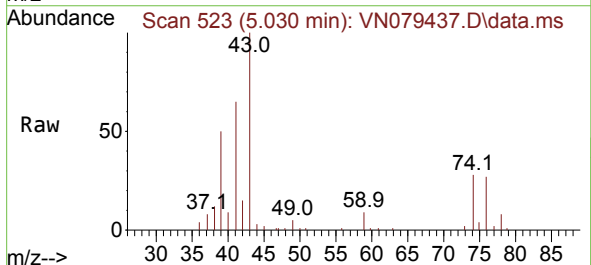
Instrument :
MSVOA_N
ClientSampleId :

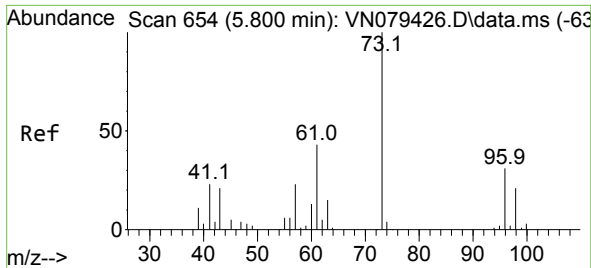
Tgt Ion: 76 Resp: 156461
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0



#18
Methyl Acetate
Concen: 16.577 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Tgt Ion: 43 Resp: 126255
Ion Ratio Lower Upper
43 100
74 24.3 26.2 39.4#

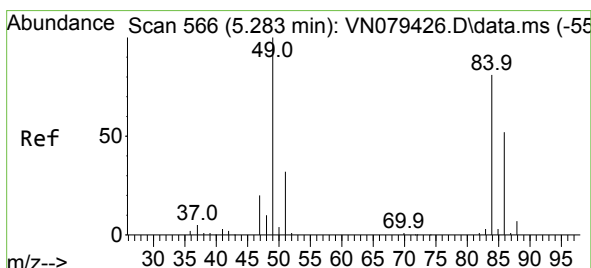
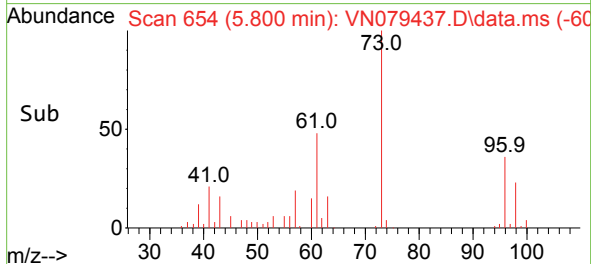
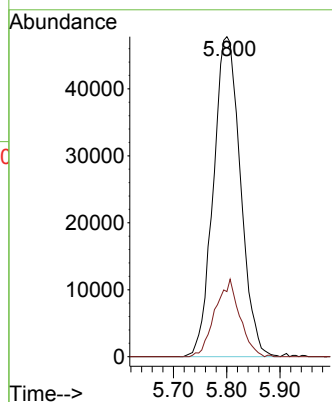
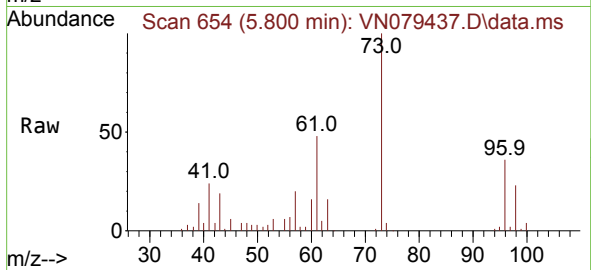




#19
Methyl tert-butyl Ether
Concen: 18.201 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

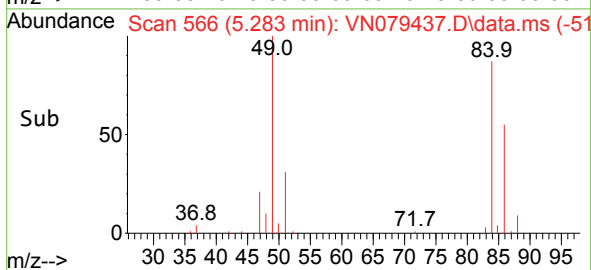
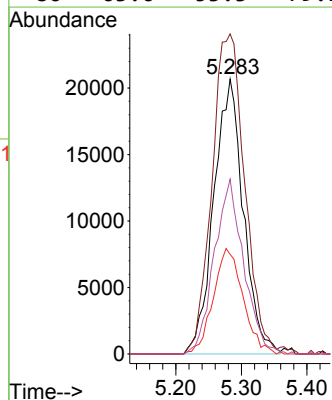
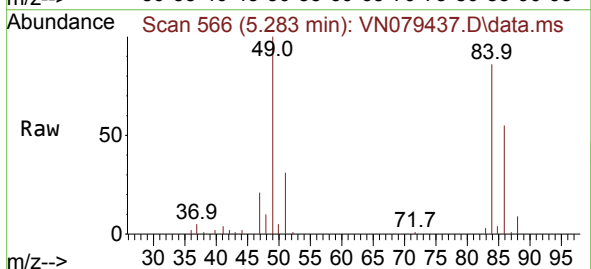
Instrument :
MSVOA_N
ClientSampleId :

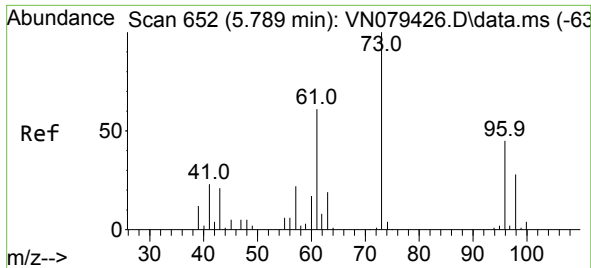
Tgt Ion: 73 Resp: 169063
Ion Ratio Lower Upper
73 100
57 20.3 15.6 23.4



#20
Methylene Chloride
Concen: 18.635 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

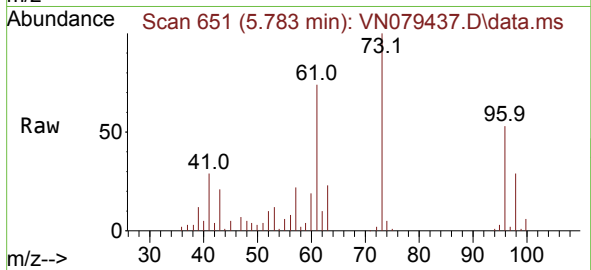
Tgt Ion: 84 Resp: 64788
Ion Ratio Lower Upper
84 100
49 116.4 79.7 119.5
51 36.2 25.2 37.8
86 63.6 53.3 79.9



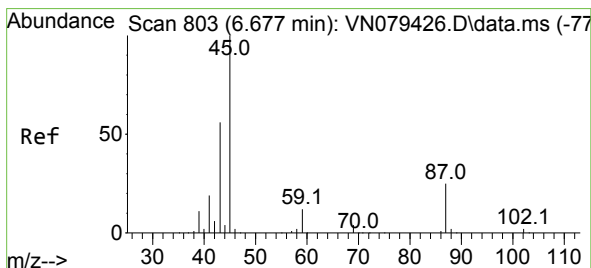
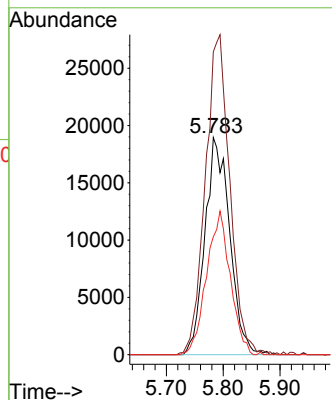
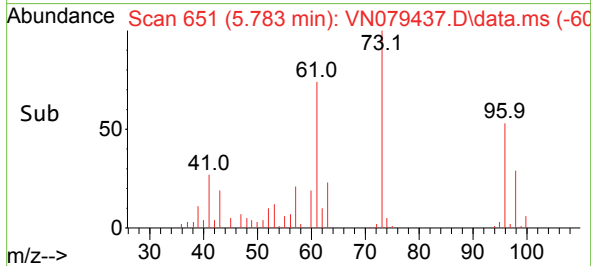


#21
trans-1,2-Dichloroethene
Concen: 17.179 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

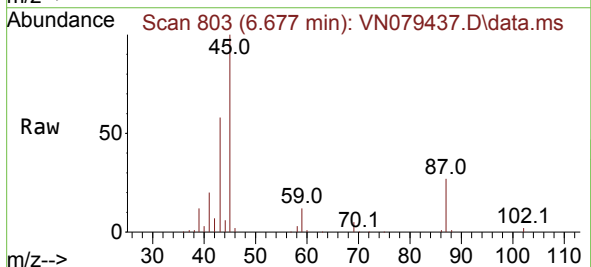
Instrument :
MSVOA_N
ClientSampleId :



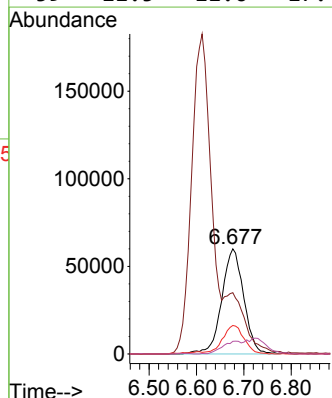
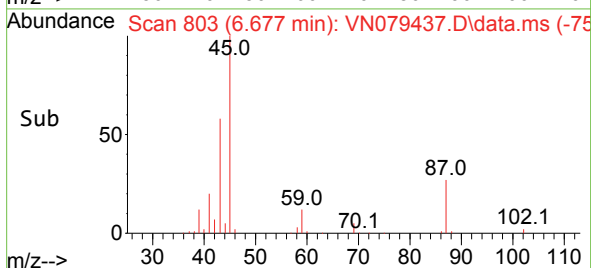
Tgt Ion: 96 Resp: 57362
Ion Ratio Lower Upper
96 100
61 139.5 90.1 135.1#
98 54.3 46.4 69.6

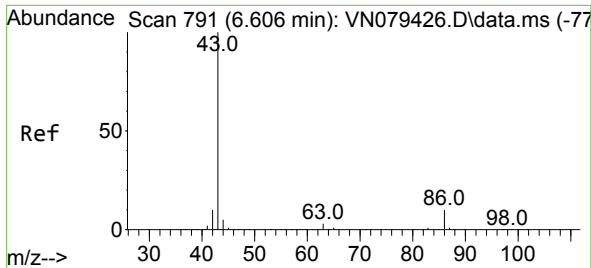


#22
Diisopropyl ether
Concen: 18.682 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55



Tgt Ion: 45 Resp: 193265
Ion Ratio Lower Upper
45 100
43 56.1 45.5 68.3
87 27.2 31.8 47.8#
59 11.5 11.6 17.4#

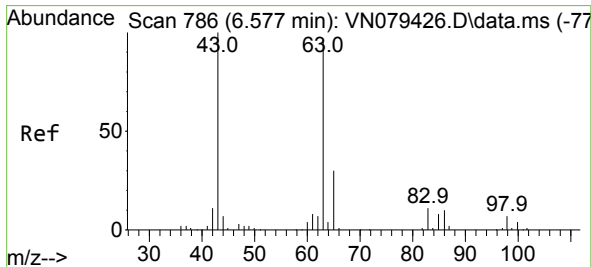
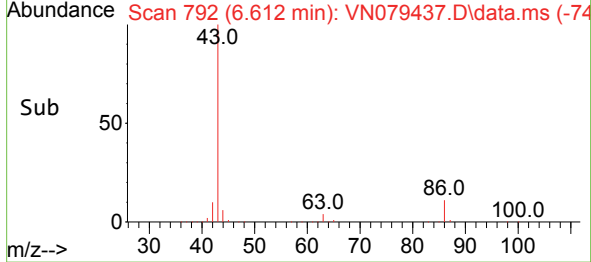
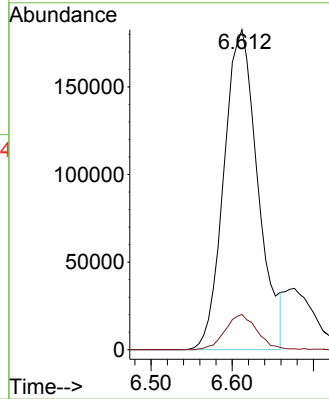
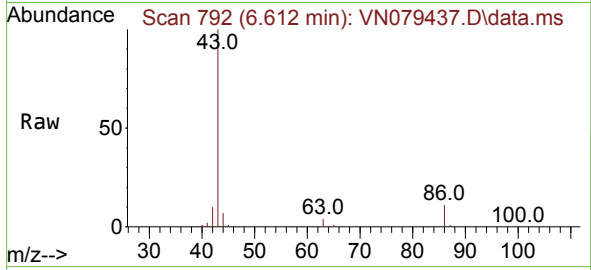




#23
 Vinyl Acetate
 Concen: 91.350 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079437.D
 Acq: 06 Oct 2023 10:55

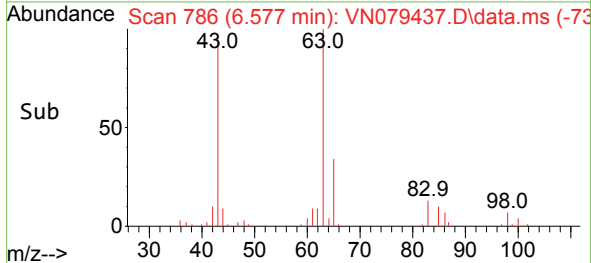
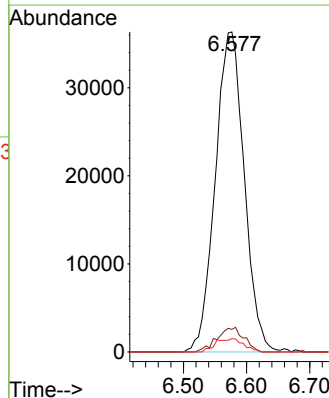
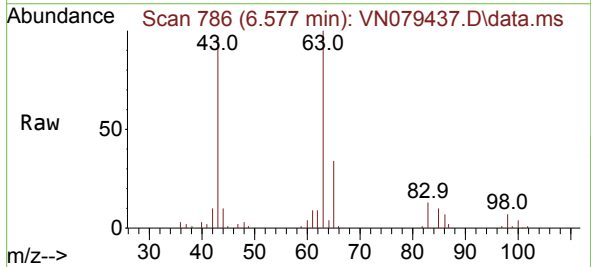
Instrument :
 MSVOA_N
 ClientSampleId :

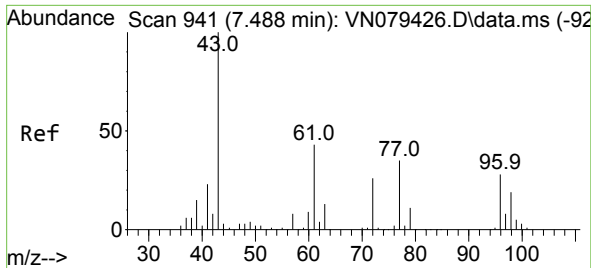
Tgt Ion: 43 Resp: 531569
 Ion Ratio Lower Upper
 43 100
 86 11.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 18.237 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079437.D
 Acq: 06 Oct 2023 10:55

Tgt Ion: 63 Resp: 115462
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.2 2.5 7.4

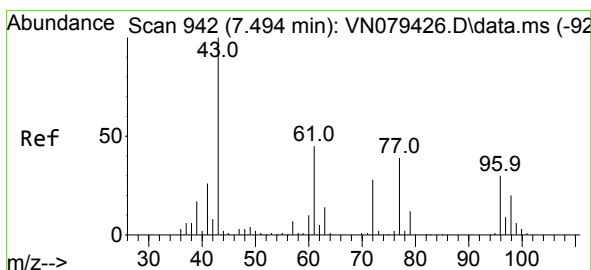
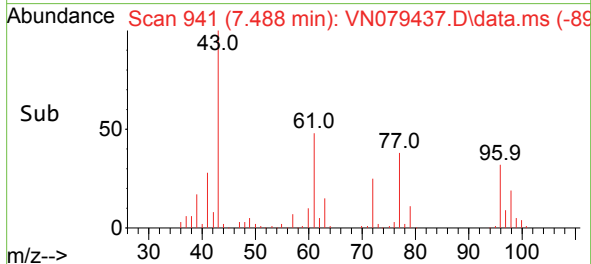
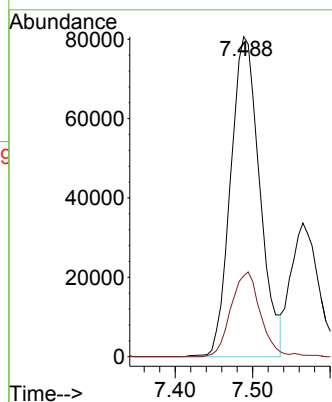
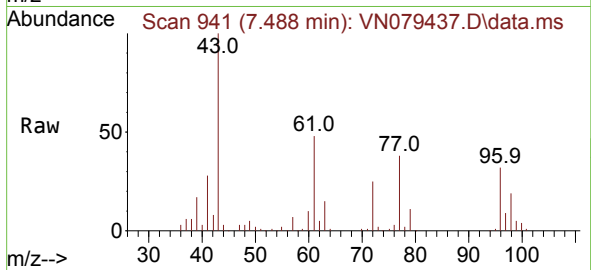




#25
2-Butanone
Concen: 91.304 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

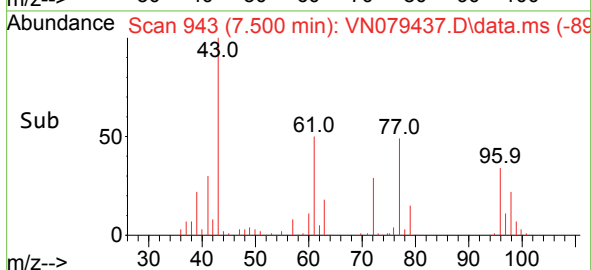
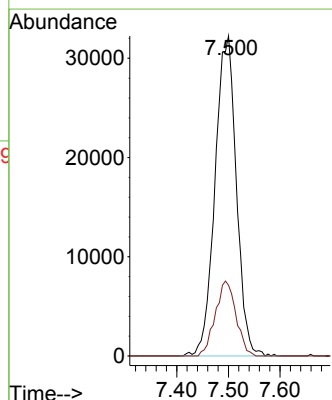
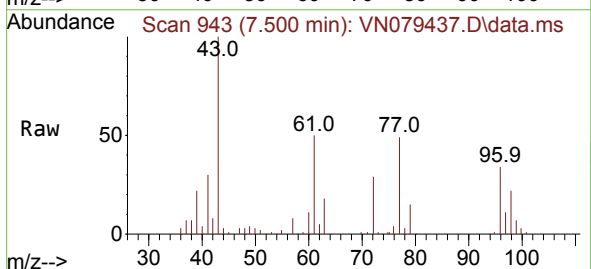
Instrument :
MSVOA_N
ClientSampleId :

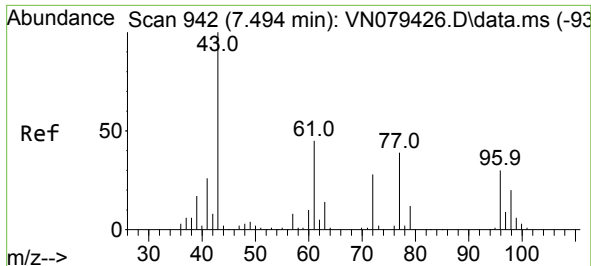
Tgt Ion: 43 Resp: 210872
Ion Ratio Lower Upper
43 100
72 25.3 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 19.080 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

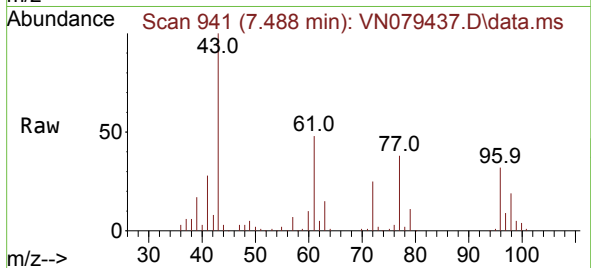
Tgt Ion: 77 Resp: 92319
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6



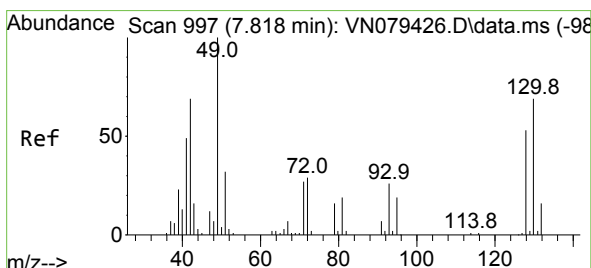
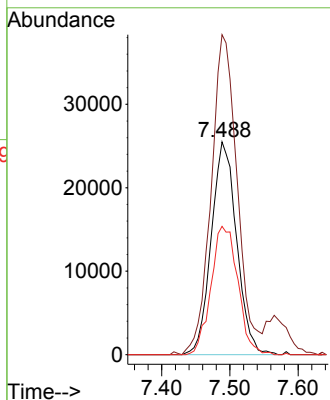
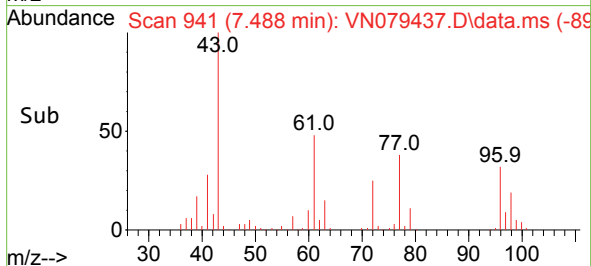


#27
 cis-1,2-Dichloroethene
 Concen: 18.219 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079437.D
 Acq: 06 Oct 2023 10:55

Instrument :
 MSVOA_N
 ClientSampleId :

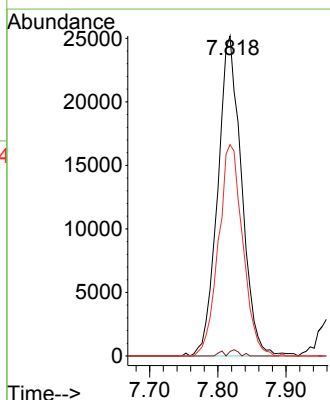
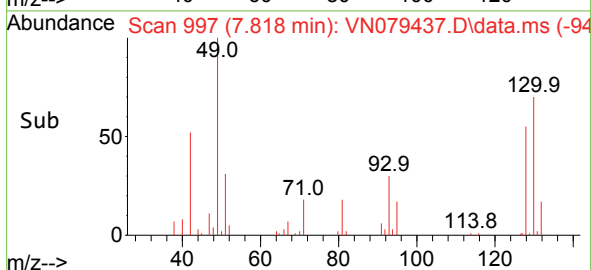
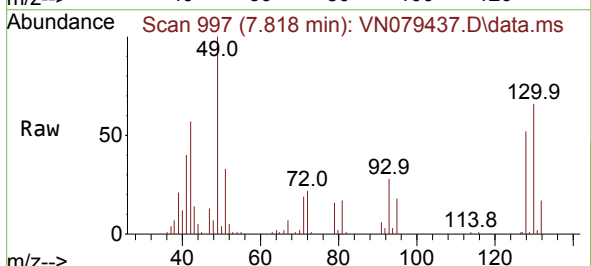


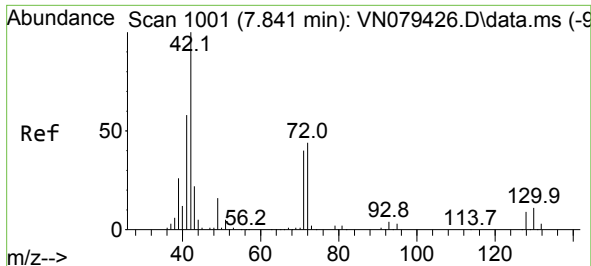
Tgt Ion: 96 Resp: 66086
 Ion Ratio Lower Upper
 96 100
 61 154.8 0.0 255.2
 98 63.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.336 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079437.D
 Acq: 06 Oct 2023 10:55

Tgt Ion: 49 Resp: 61261
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.8
 130 67.3 75.3 112.9#





#29

Tetrahydrofuran

Concen: 91.659 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

ClientSampleId :

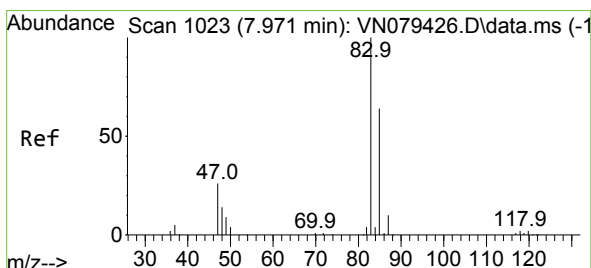
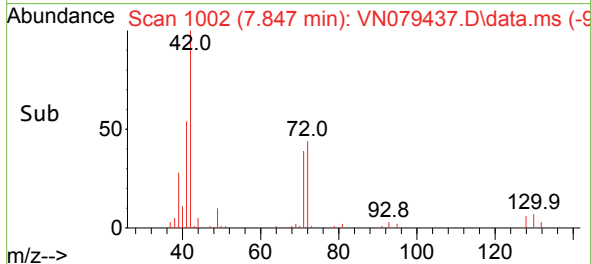
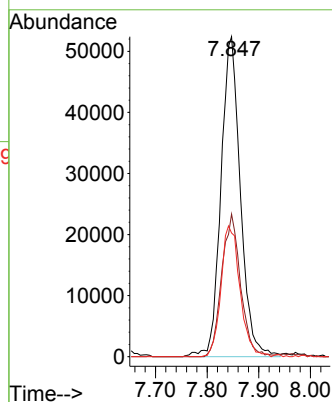
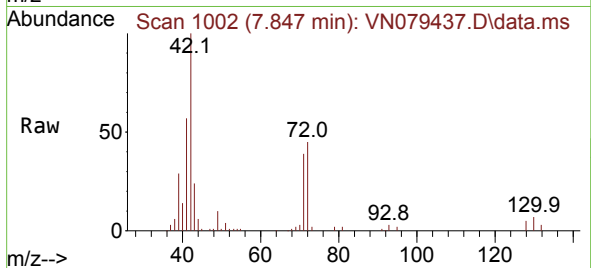
Tgt Ion: 42 Resp: 136911

Ion Ratio Lower Upper

42 100

72 43.2 49.8 74.6#

71 39.9 47.4 71.2#



#30

Chloroform

Concen: 18.122 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079437.D

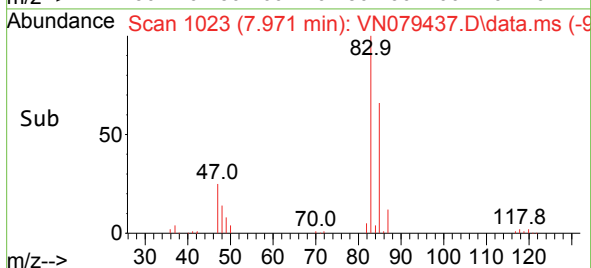
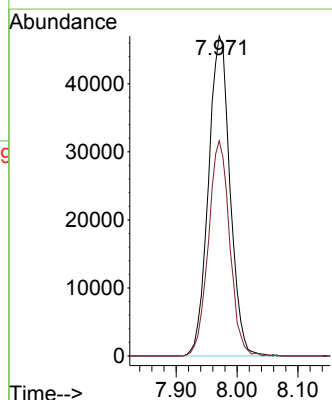
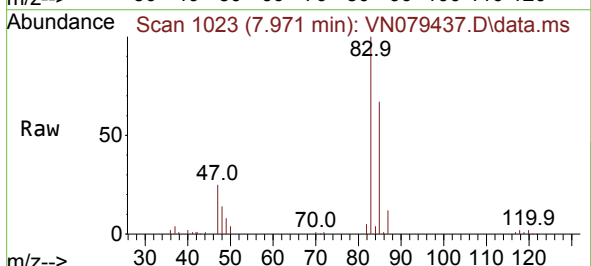
Acq: 06 Oct 2023 10:55

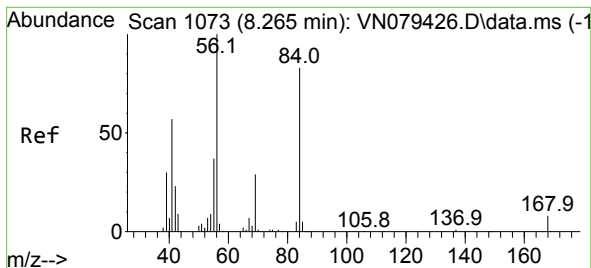
Tgt Ion: 83 Resp: 115924

Ion Ratio Lower Upper

83 100

85 67.3 55.4 83.0





#31

Cyclohexane

Concen: 17.946 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

ClientSampleId :

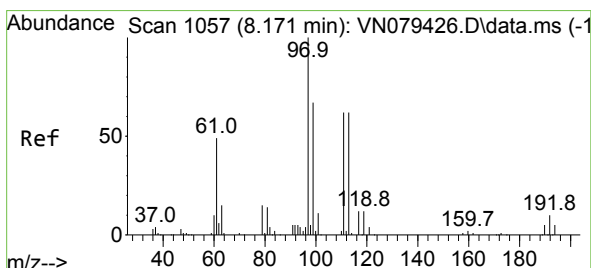
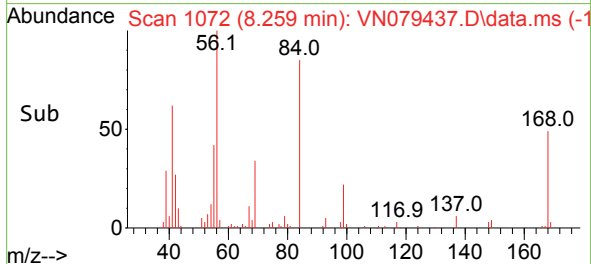
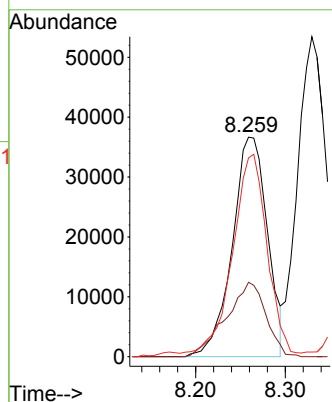
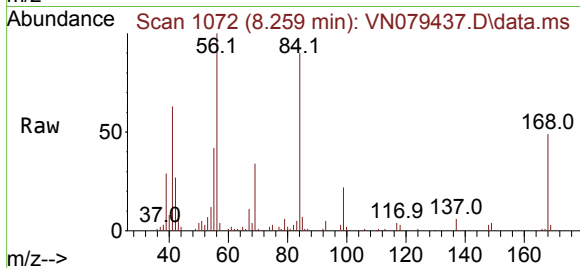
Tgt Ion: 56 Resp: 99869

Ion Ratio Lower Upper

56 100

69 33.9 26.8 40.2

84 89.0 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 18.514 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

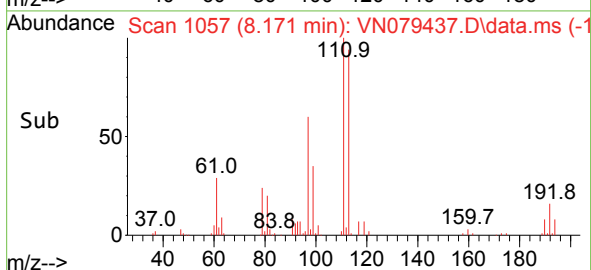
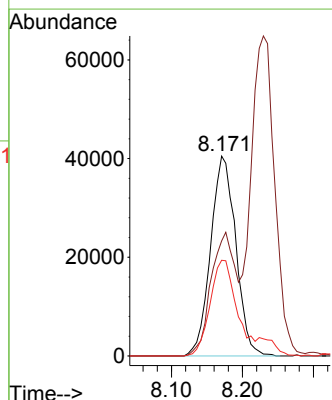
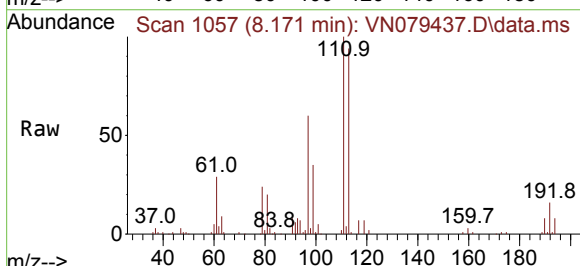
Tgt Ion: 97 Resp: 99667

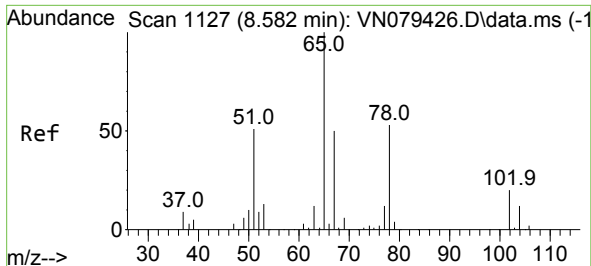
Ion Ratio Lower Upper

97 100

99 59.7 50.3 75.5

61 50.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.991 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

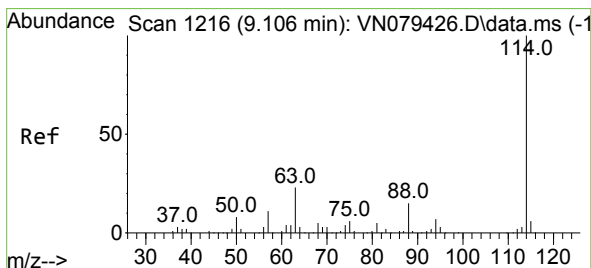
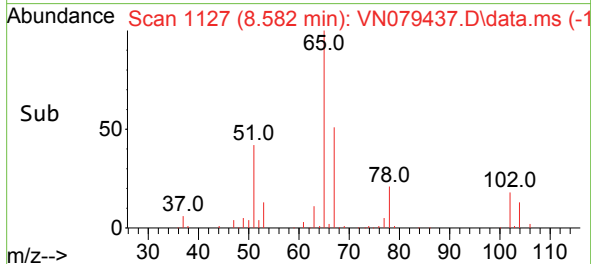
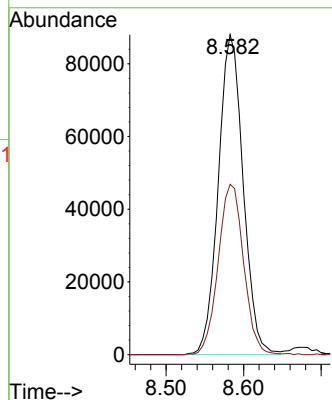
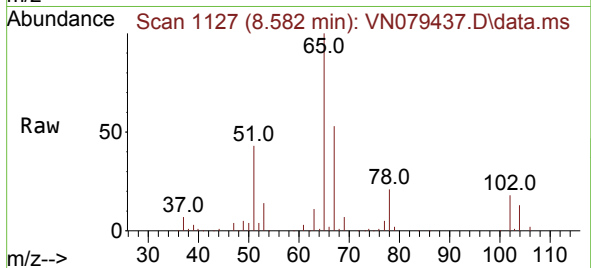
ClientSampleId :

Tgt Ion: 65 Resp: 196128

Ion Ratio Lower Upper

65 100

67 54.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

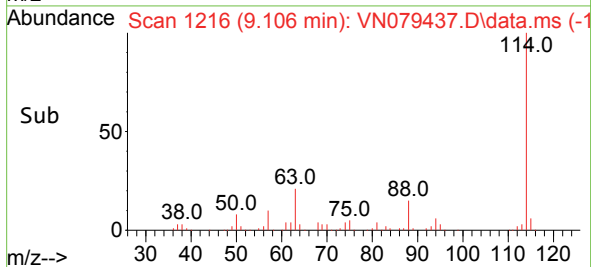
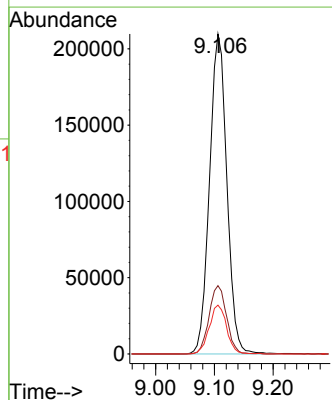
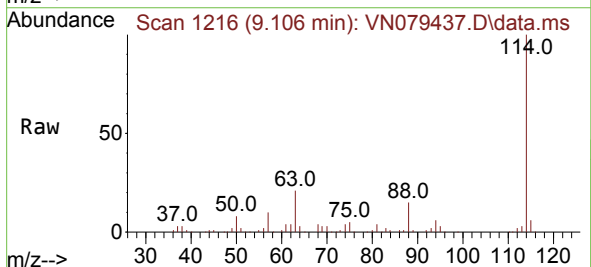
Tgt Ion: 114 Resp: 429428

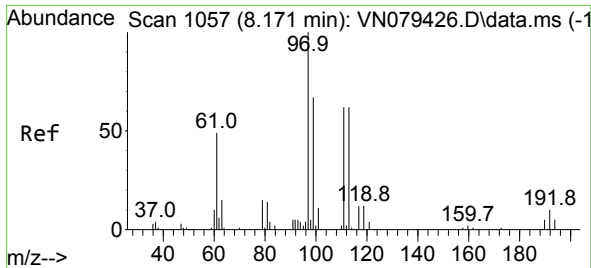
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 15.3 0.0 30.6

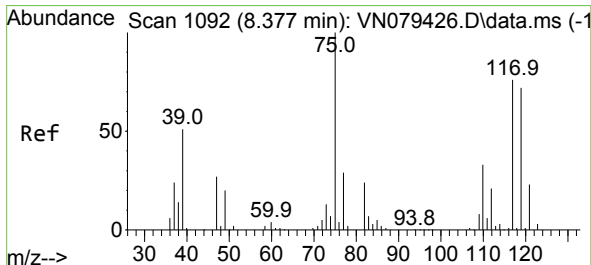
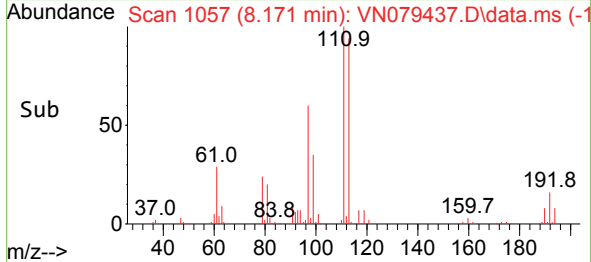
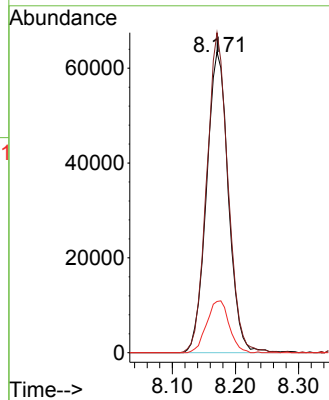
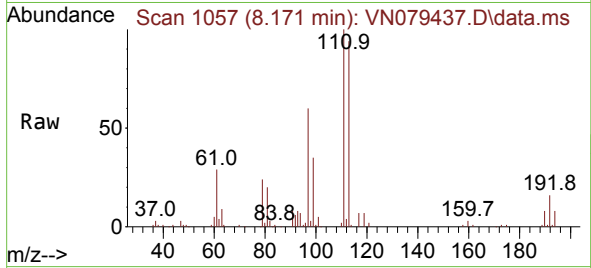




#35
Dibromofluoromethane
Concen: 49.374 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

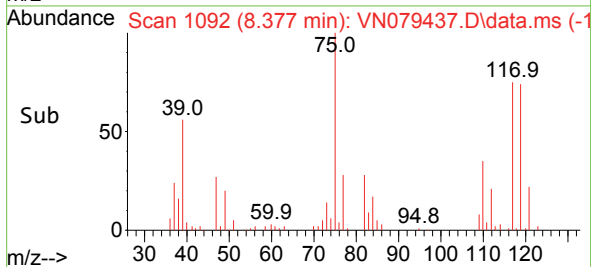
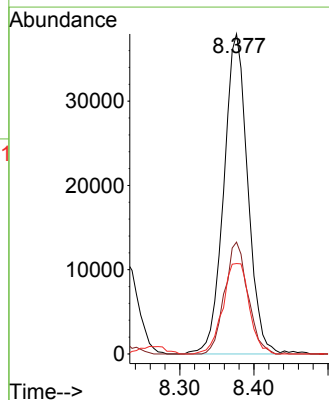
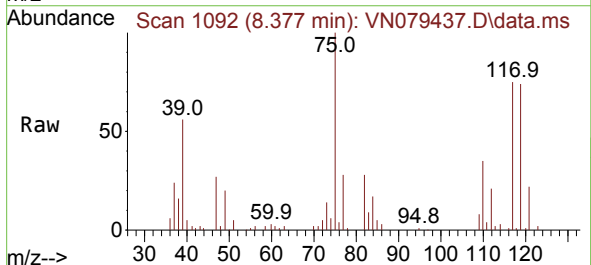
Instrument :
MSVOA_N
ClientSampleId :

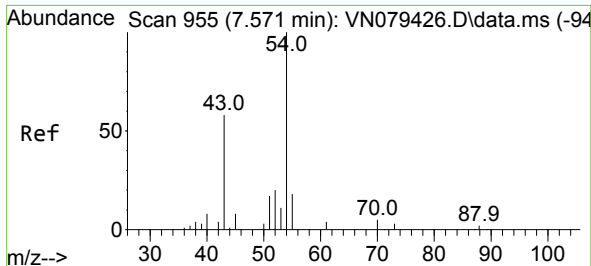
Tgt Ion:113 Resp: 152368
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 17.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 18.362 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Tgt Ion: 75 Resp: 85048
Ion Ratio Lower Upper
75 100
110 33.9 19.1 57.3
77 31.2 25.0 37.4

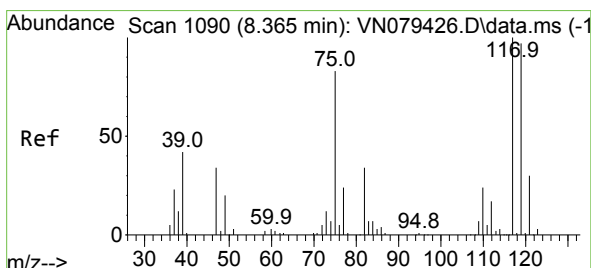
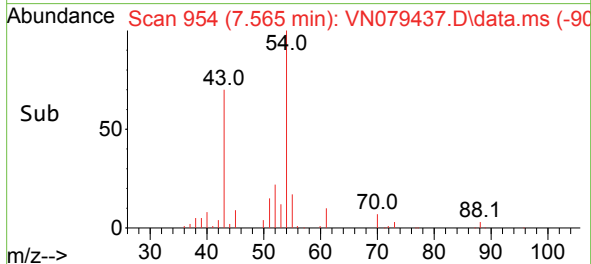
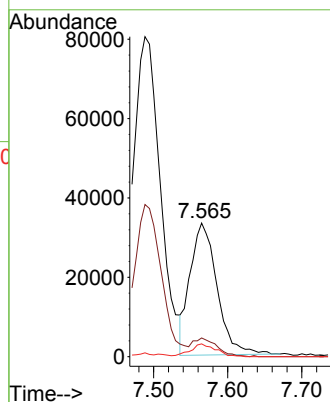
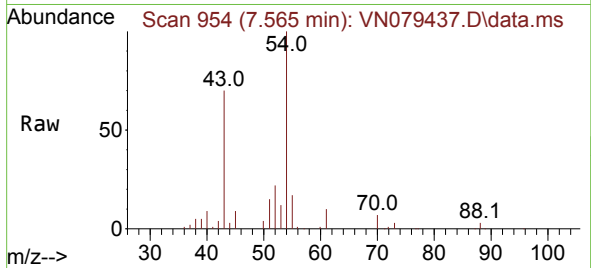




#37
Ethyl Acetate
Concen: 18.253 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

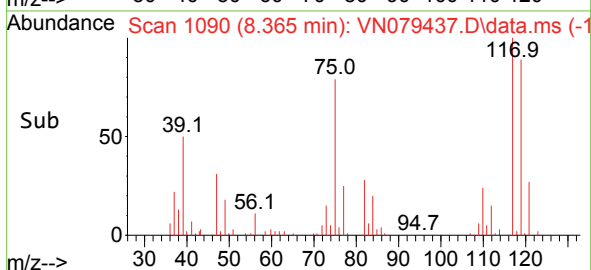
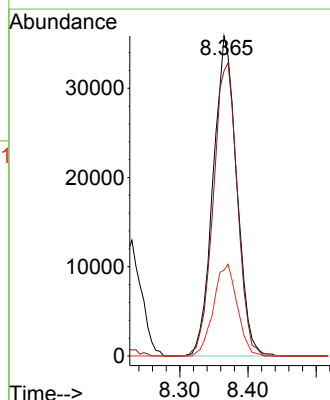
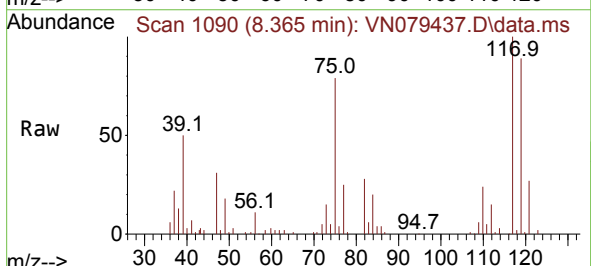
Instrument :
MSVOA_N
ClientSampleId :

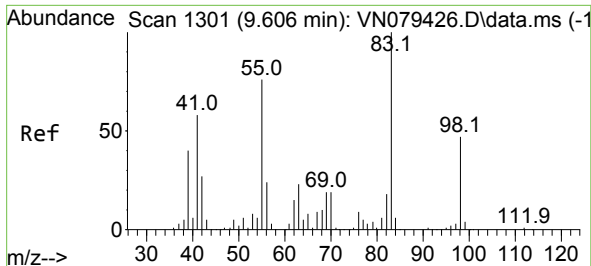
Tgt Ion: 43 Resp: 84122
Ion Ratio Lower Upper
43 100
61 12.4 13.2 19.8#
70 9.2 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 18.573 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Tgt Ion: 117 Resp: 86117
Ion Ratio Lower Upper
117 100
119 89.1 77.3 115.9
121 26.8 23.3 34.9

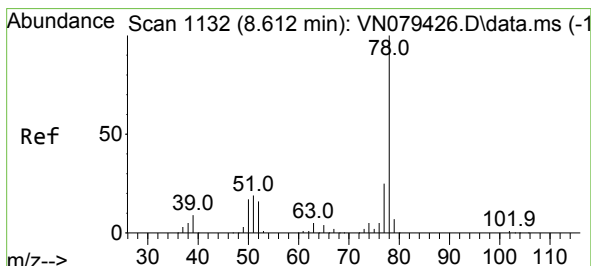
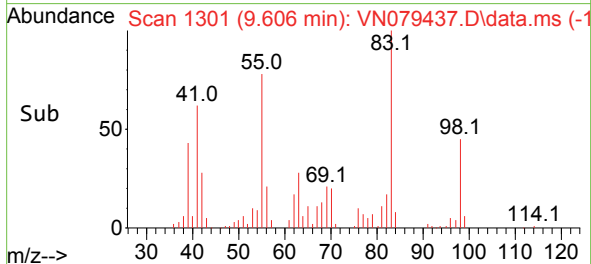
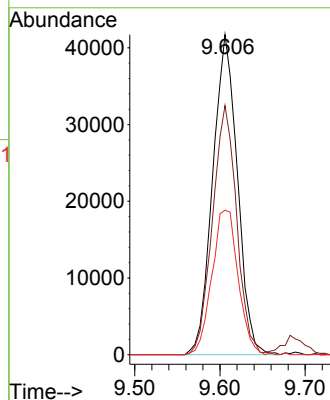
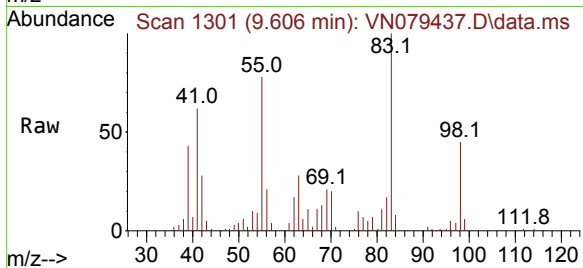




#39
Methylcyclohexane
Concen: 18.885 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

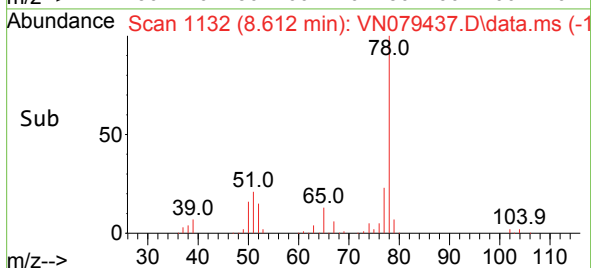
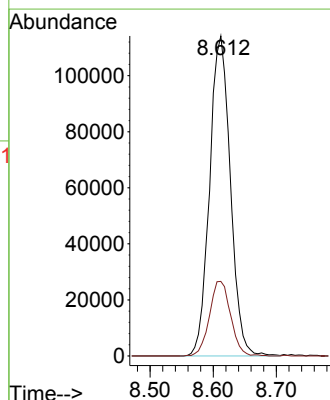
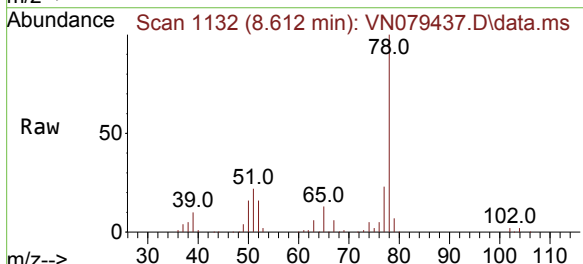
Instrument :
MSVOA_N
ClientSampleId :

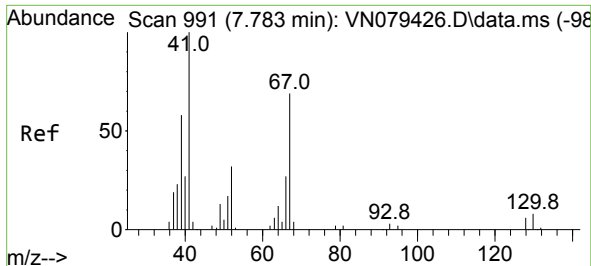
Tgt Ion: 83 Resp: 84039
Ion Ratio Lower Upper
83 100
55 77.9 49.1 73.7#
98 45.1 40.6 61.0



#40
Benzene
Concen: 18.981 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Tgt Ion: 78 Resp: 261084
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6

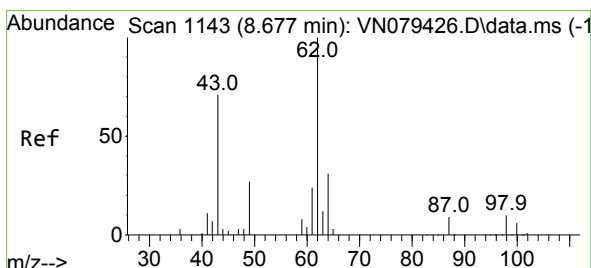
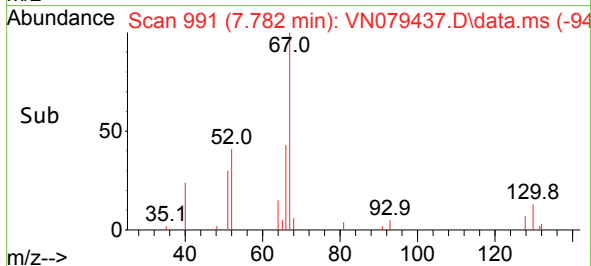
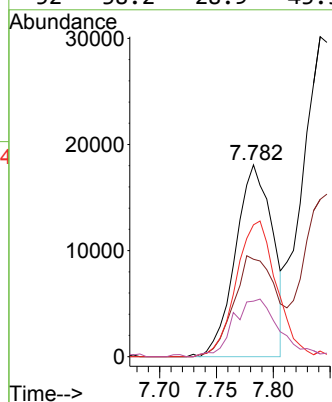
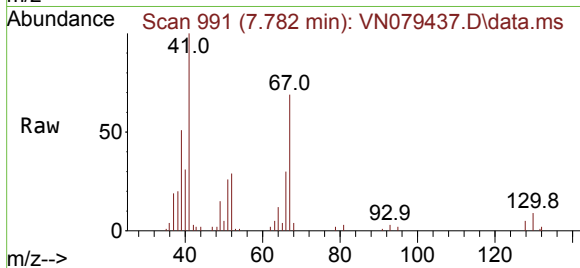




#41
Methacrylonitrile
Concen: 16.956 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

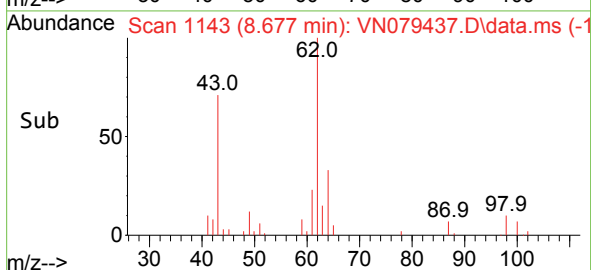
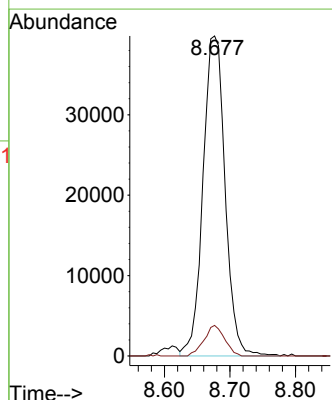
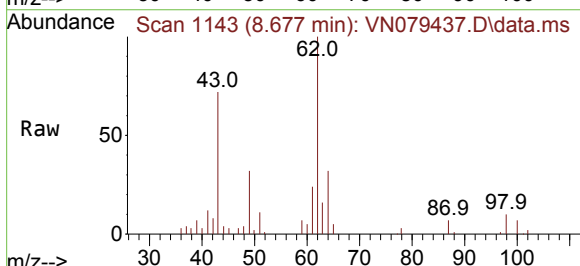
Instrument :
MSVOA_N
ClientSampleId :

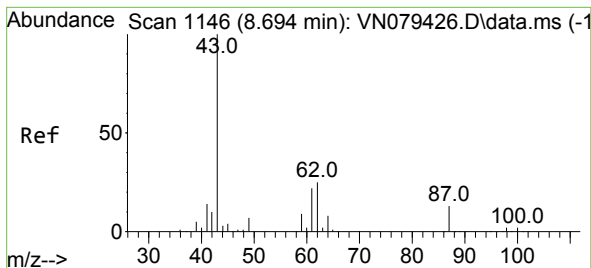
Tgt Ion: 41	Resp: 41082
Ion Ratio	Lower Upper
41 100	
39 60.5	42.6 64.0
67 76.3	77.5 116.3#
52 38.2	28.9 43.3



#42
1,2-Dichloroethane
Concen: 18.683 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Tgt Ion: 62	Resp: 93379
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 19.8





#43

Isopropyl Acetate

Concen: 16.904 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

ClientSampleId :

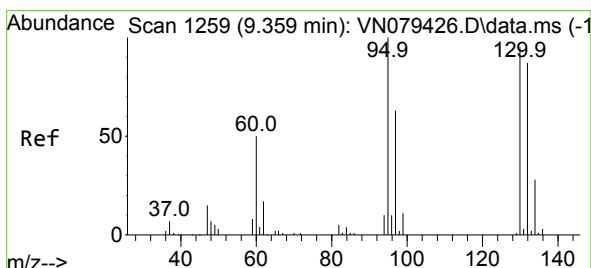
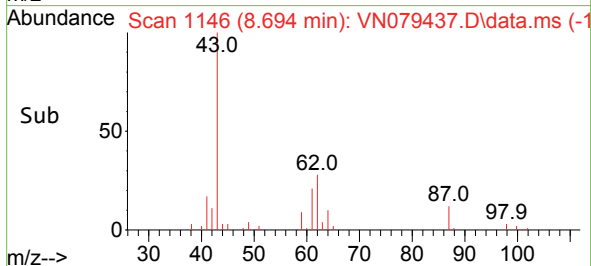
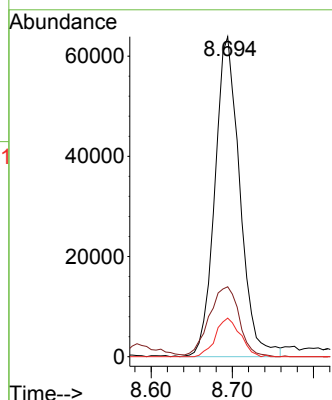
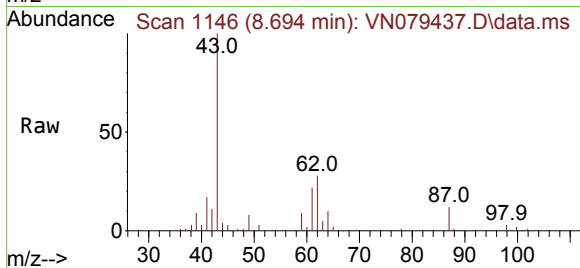
Tgt Ion: 43 Resp: 136487

Ion Ratio Lower Upper

43 100

61 26.3 24.7 37.1

87 12.0 14.6 21.8#



#44

Trichloroethene

Concen: 17.978 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VN079437.D

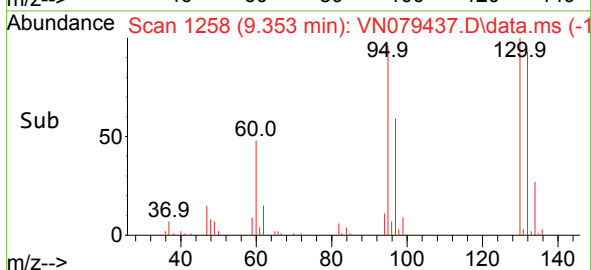
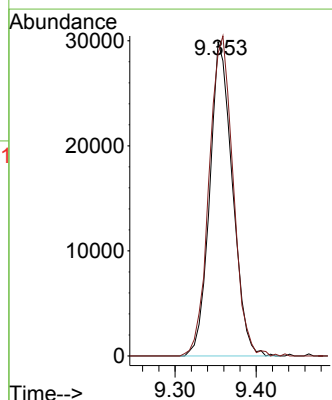
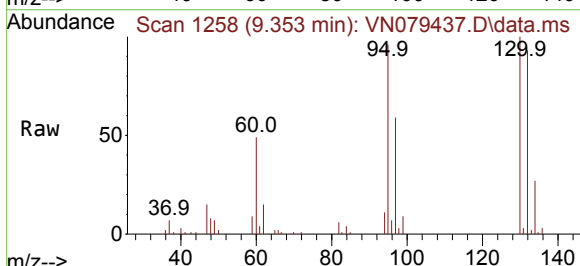
Acq: 06 Oct 2023 10:55

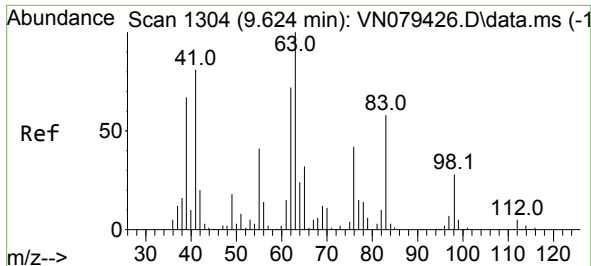
Tgt Ion:130 Resp: 58203

Ion Ratio Lower Upper

130 100

95 96.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.535 ug/l

RT: 9.629 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

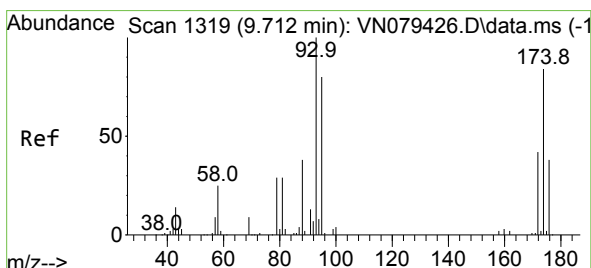
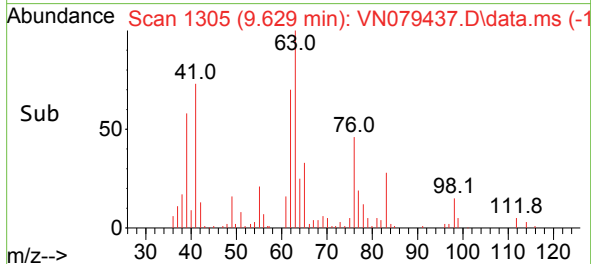
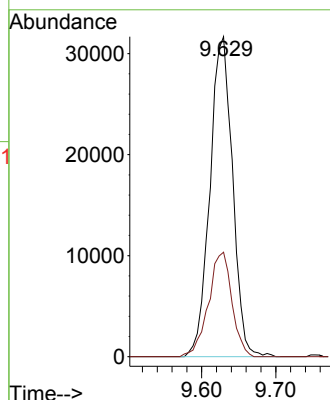
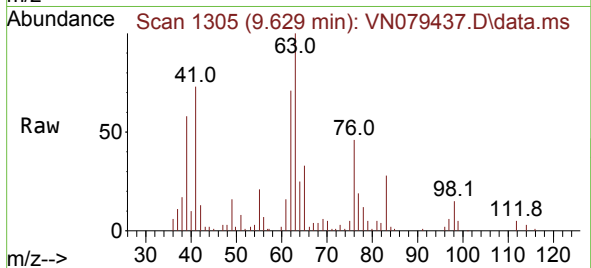
ClientSampleId :

Tgt Ion: 63 Resp: 67174

Ion Ratio Lower Upper

63 100

65 32.7 23.9 35.9



#46

Dibromomethane

Concen: 19.311 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

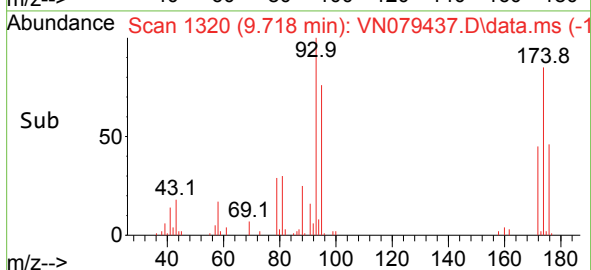
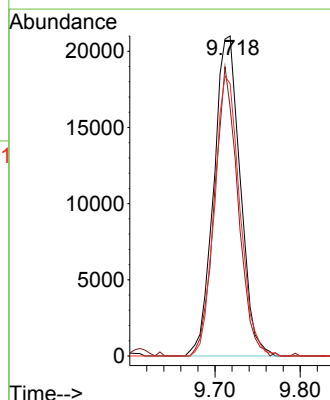
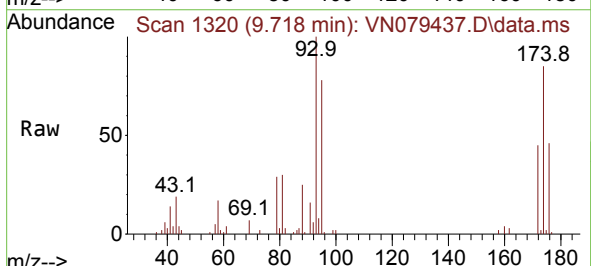
Tgt Ion: 93 Resp: 45327

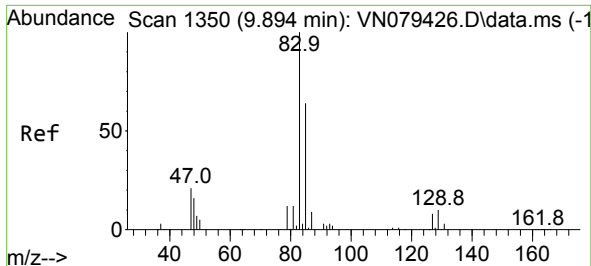
Ion Ratio Lower Upper

93 100

95 80.2 63.8 95.8

174 84.1 65.6 98.4

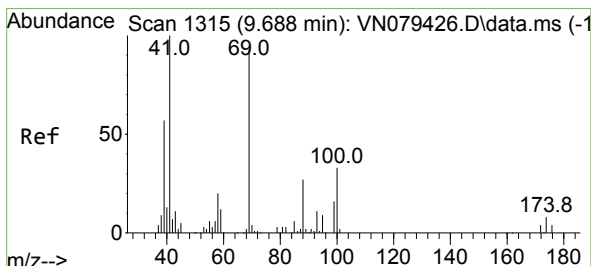
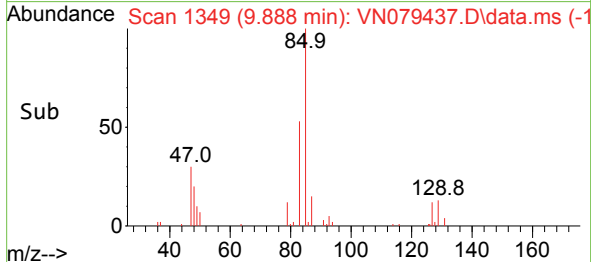
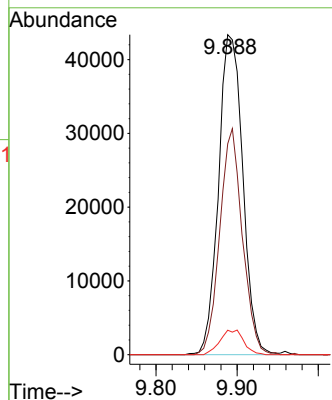
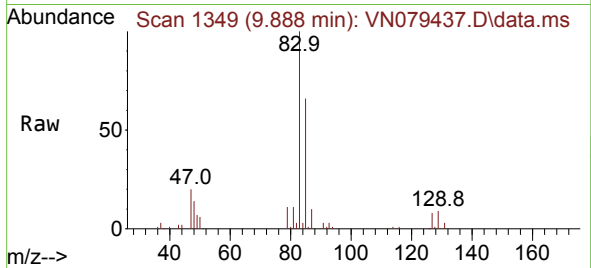




#47
Bromodichloromethane
Concen: 18.698 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

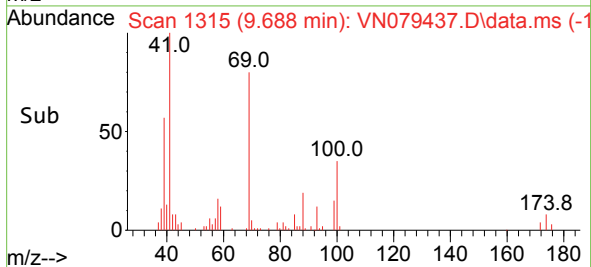
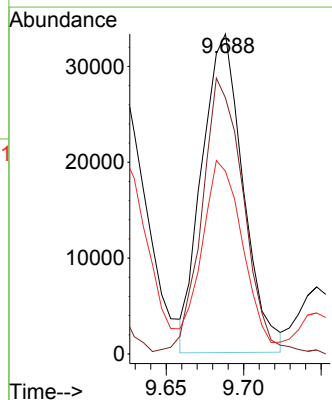
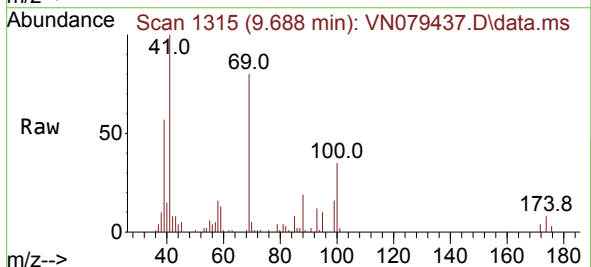
Instrument :
MSVOA_N
ClientSampleId :

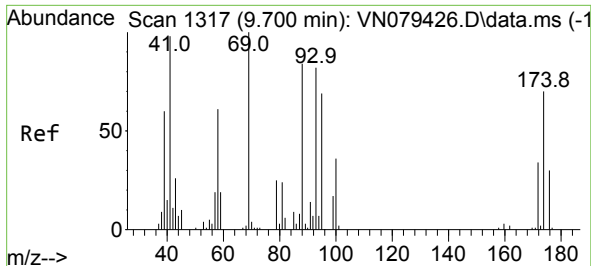
Tgt Ion: 83 Resp: 90280
Ion Ratio Lower Upper
83 100
85 65.9 49.6 74.4
127 7.6 7.0 10.6



#48
Methyl methacrylate
Concen: 17.755 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Tgt Ion: 41 Resp: 61431
Ion Ratio Lower Upper
41 100
69 88.0 90.4 135.6#
39 61.1 54.6 81.8





#49

1,4-Dioxane

Concen: 359.574 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

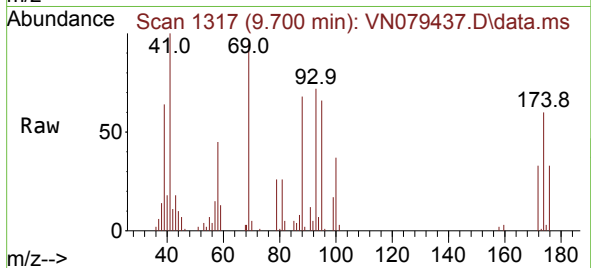
Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

ClientSampleId :



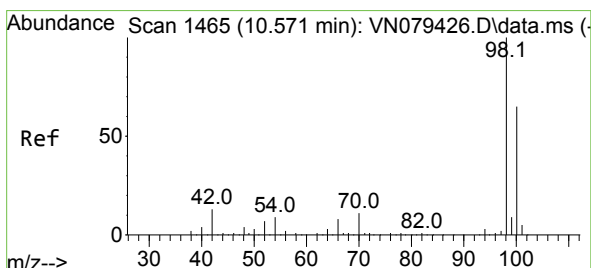
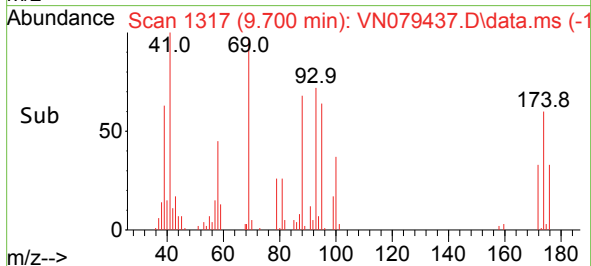
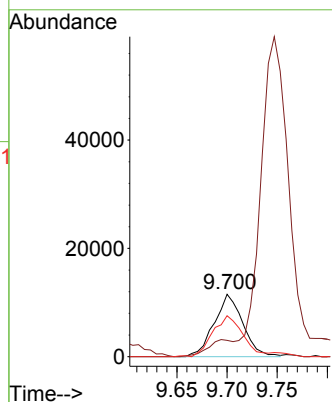
Tgt Ion: 88 Resp: 22916

Ion Ratio Lower Upper

88 100

43 24.2 17.0 25.6

58 69.3 47.0 70.4



#50

Toluene-d8

Concen: 52.696 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079437.D

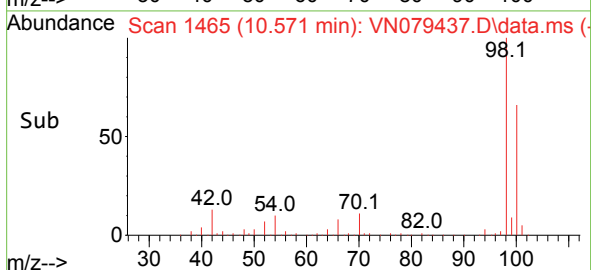
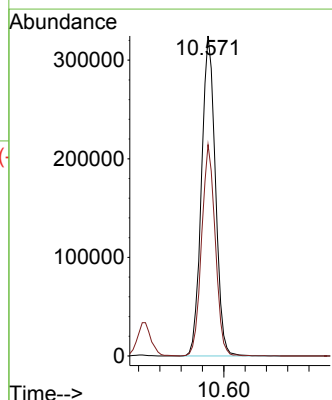
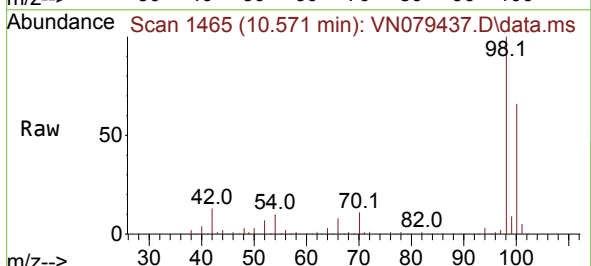
Acq: 06 Oct 2023 10:55

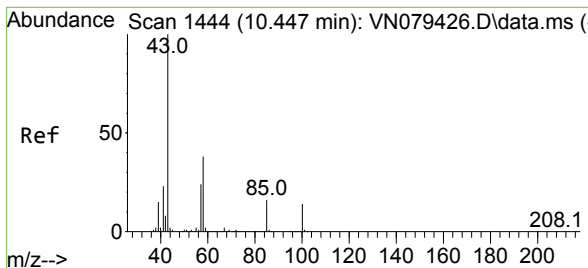
Tgt Ion: 98 Resp: 588415

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

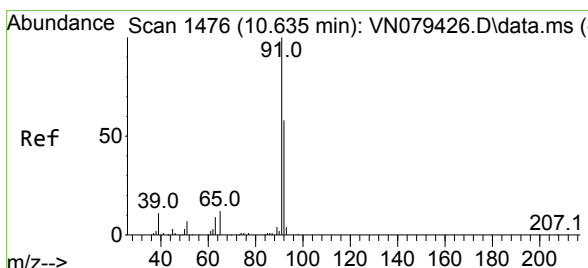
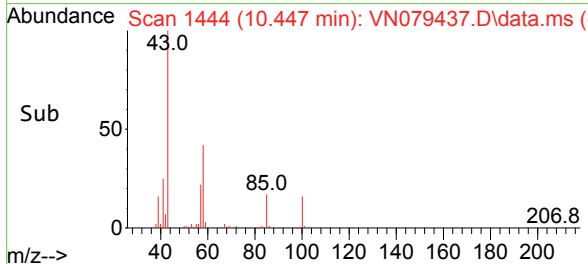
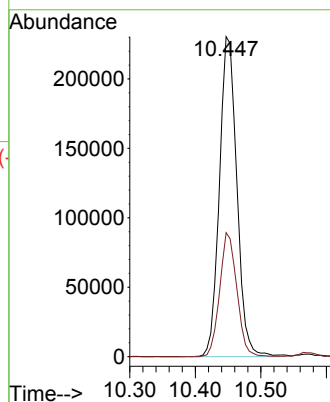
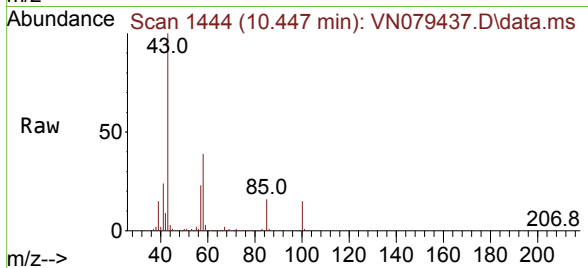




#51
4-Methyl-2-Pentanone
Concen: 93.270 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

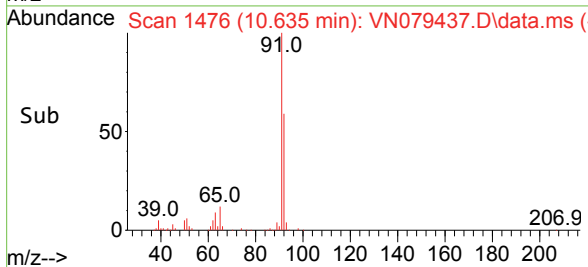
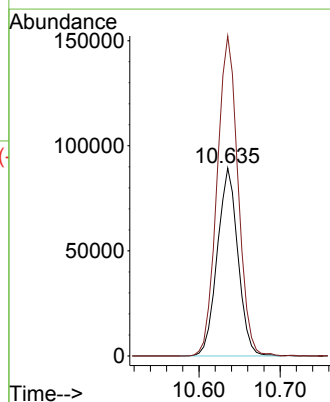
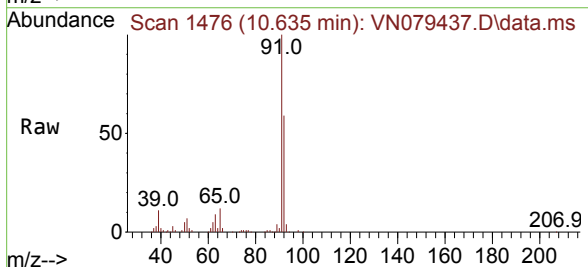
Instrument :
MSVOA_N
ClientSampleId :

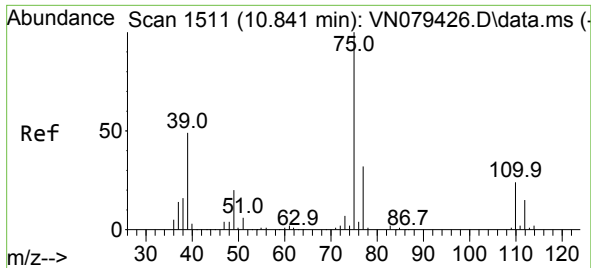
Tgt Ion: 43 Resp: 425114
Ion Ratio Lower Upper
43 100
58 38.1 36.6 54.8



#52
Toluene
Concen: 19.491 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Tgt Ion: 92 Resp: 157817
Ion Ratio Lower Upper
92 100
91 173.5 137.4 206.0

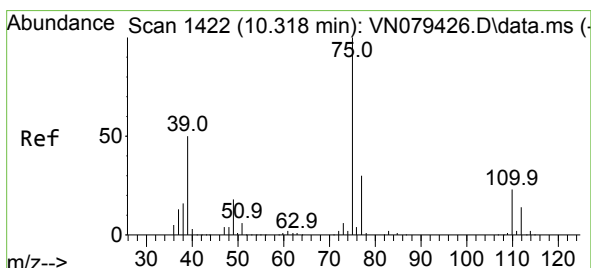
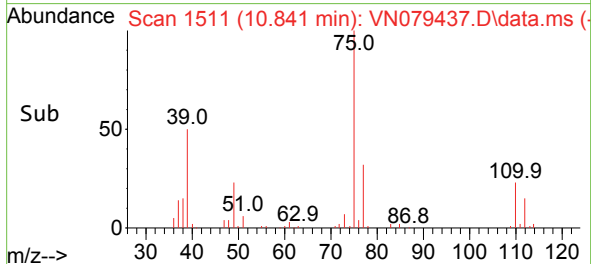
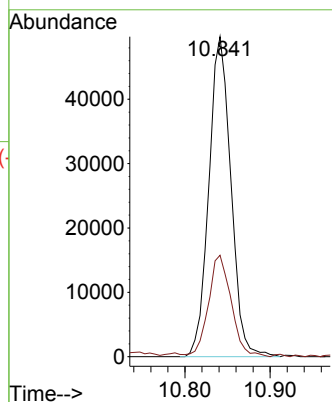
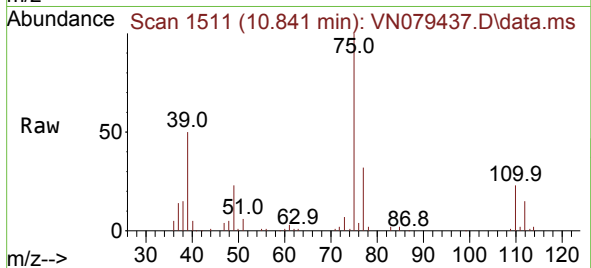




#53
 t-1,3-Dichloropropene
 Concen: 18.406 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN079437.D
 Acq: 06 Oct 2023 10:55

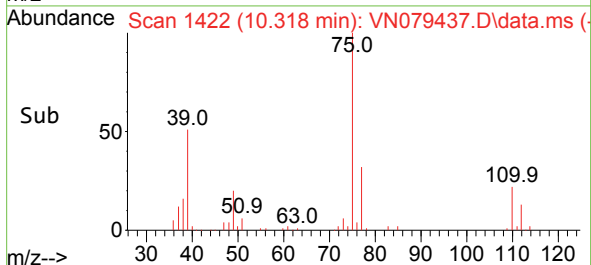
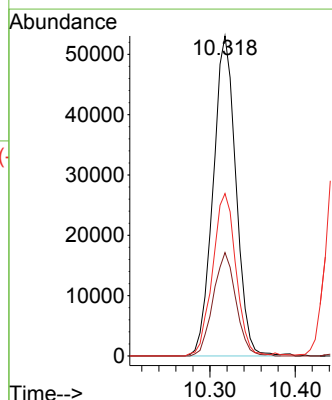
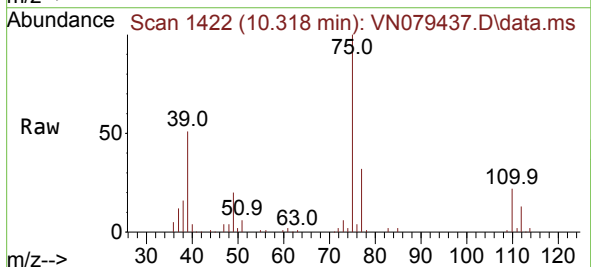
Instrument :
 MSVOA_N
 ClientSampleId :

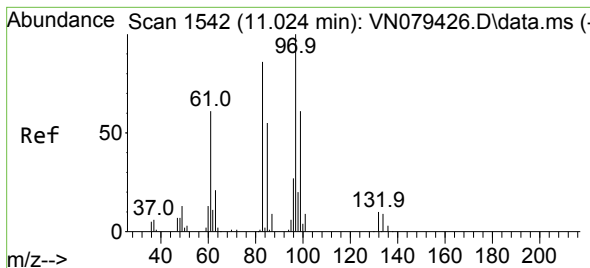
Tgt Ion: 75 Resp: 89558
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.486 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079437.D
 Acq: 06 Oct 2023 10:55

Tgt Ion: 75 Resp: 98469
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.1 39.1
 39 50.8 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 18.617 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. -0.000 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 60518

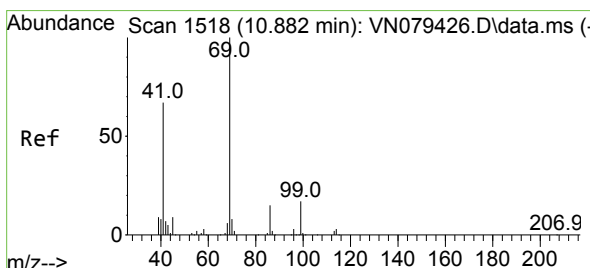
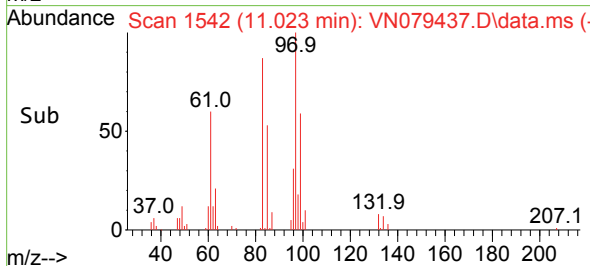
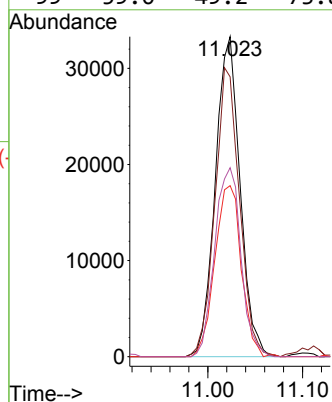
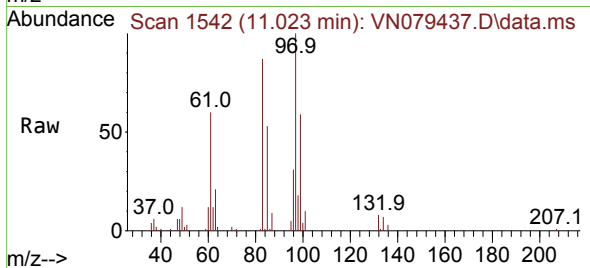
Ion Ratio Lower Upper

97 100

83 87.4 65.1 97.7

85 53.4 43.4 65.2

99 59.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 18.599 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

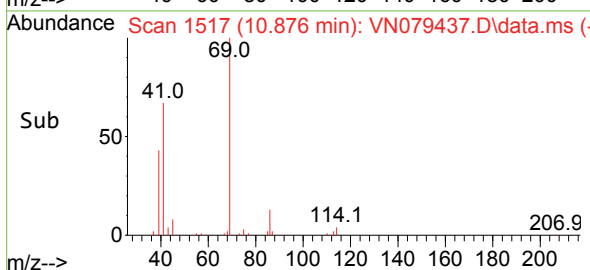
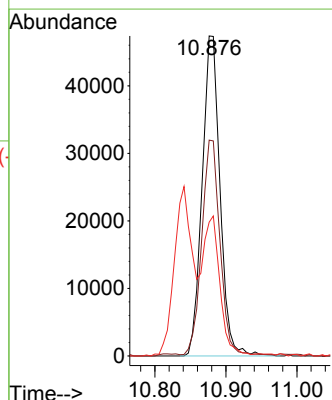
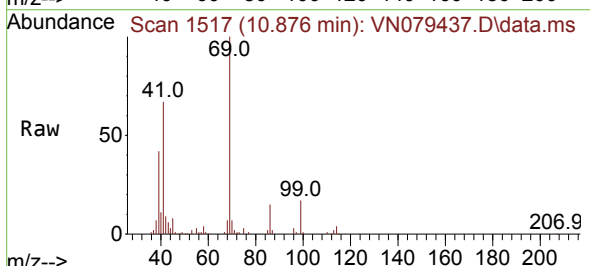
Tgt Ion: 69 Resp: 83077

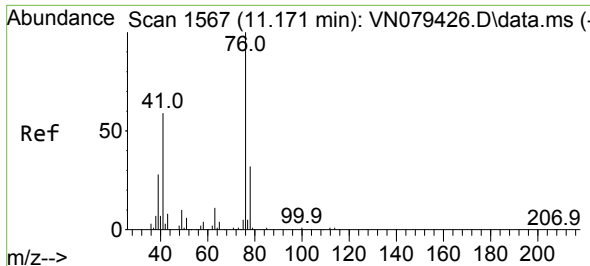
Ion Ratio Lower Upper

69 100

41 68.0 39.6 59.4#

39 42.0 28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.289 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

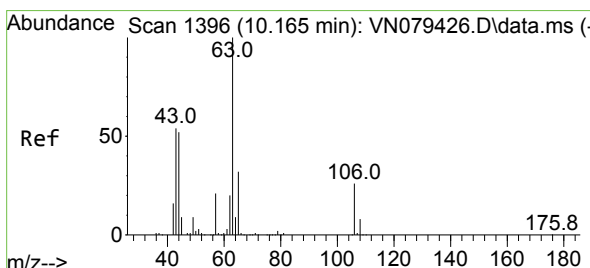
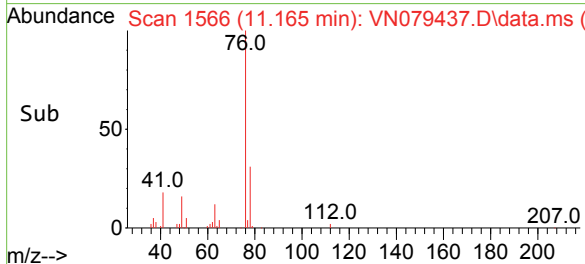
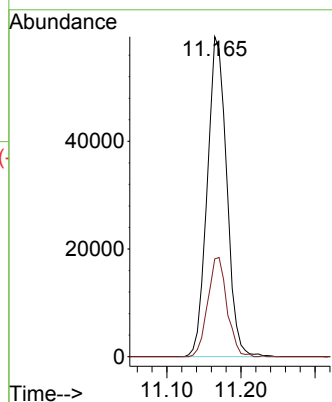
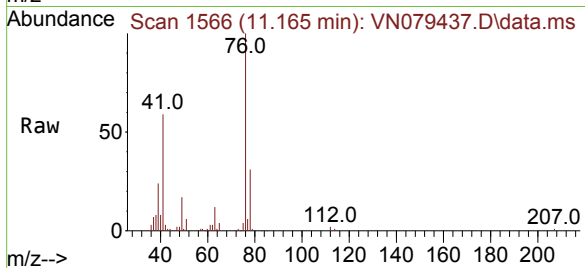
ClientSampleId :

Tgt Ion: 76 Resp: 108268

Ion Ratio Lower Upper

76 100

78 30.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 104.247 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079437.D

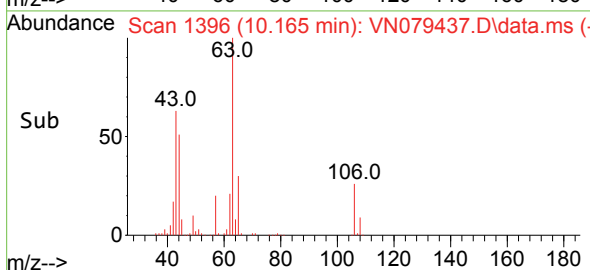
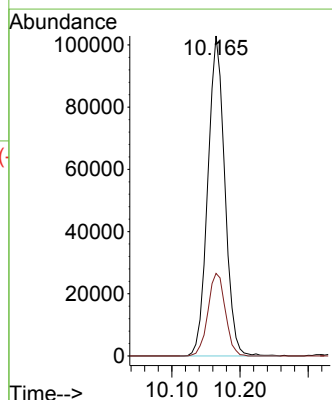
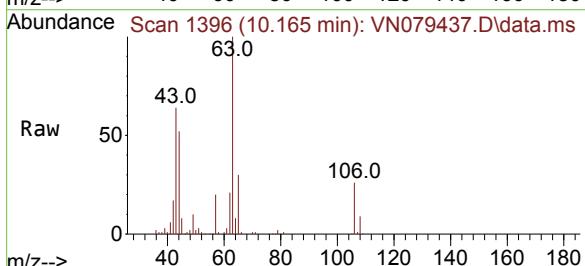
Acq: 06 Oct 2023 10:55

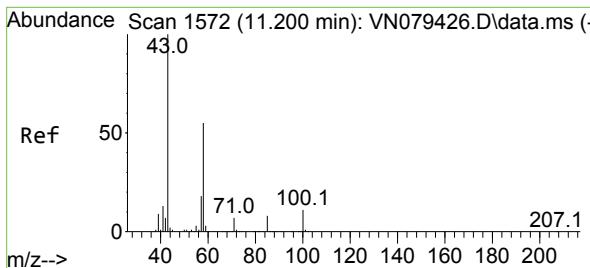
Tgt Ion: 63 Resp: 178328

Ion Ratio Lower Upper

63 100

106 26.4 26.2 39.4

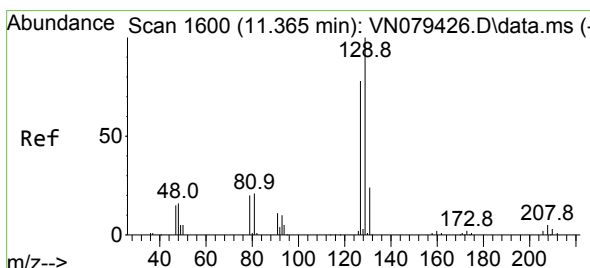
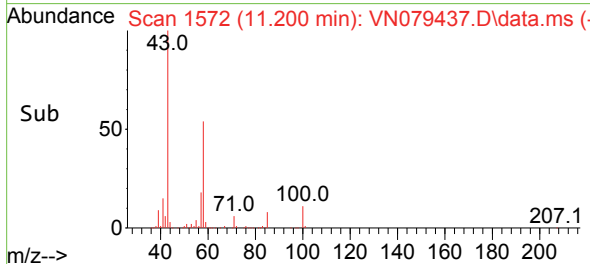
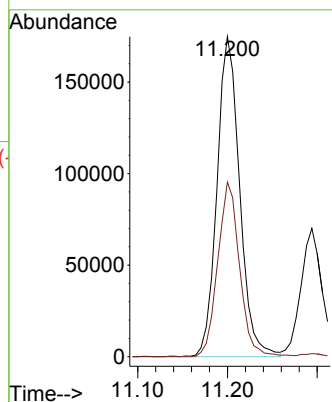
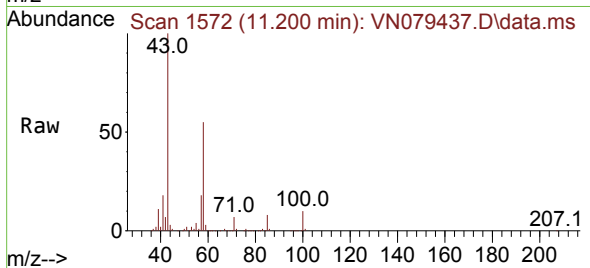




#59
2-Hexanone
Concen: 93.153 ug/l
RT: 11.200 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

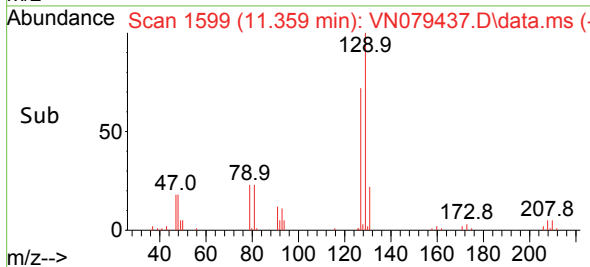
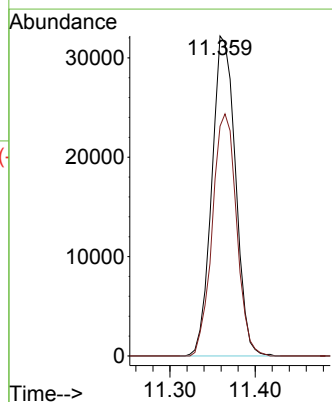
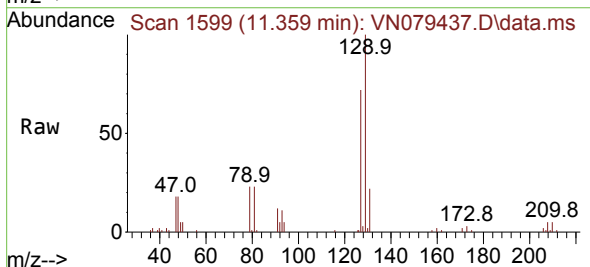
Instrument :
MSVOA_N
ClientSampleId :

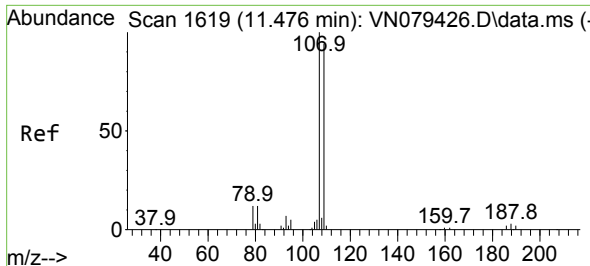
Tgt Ion: 43 Resp: 306381
Ion Ratio Lower Upper
43 100
58 52.5 31.7 95.1



#60
Dibromochloromethane
Concen: 19.028 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Tgt Ion:129 Resp: 62163
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

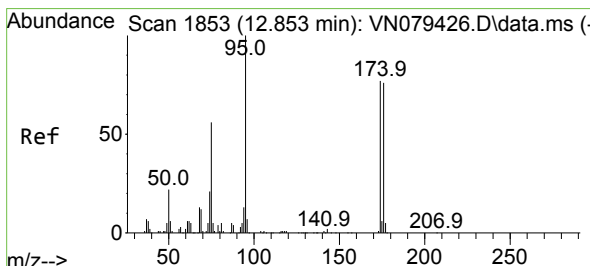
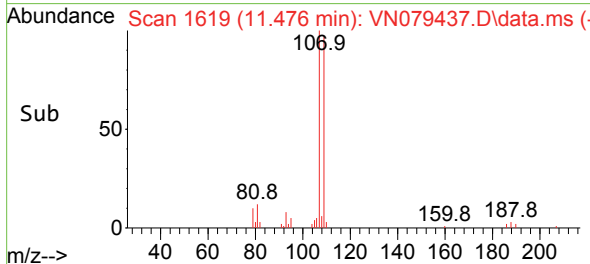
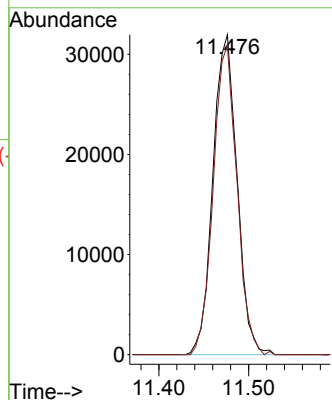
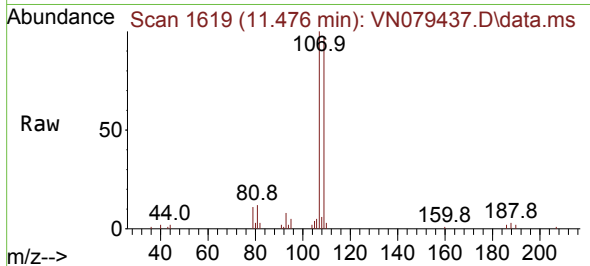




#61
1,2-Dibromoethane
Concen: 18.484 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

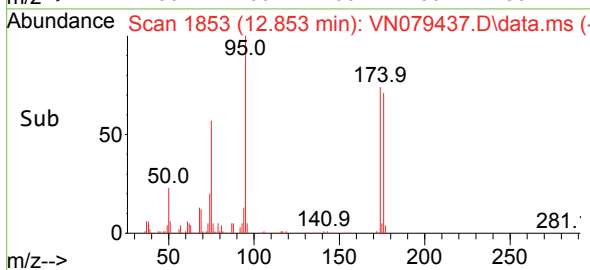
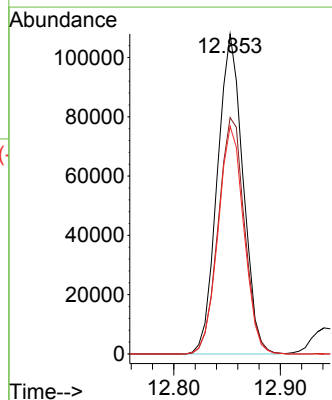
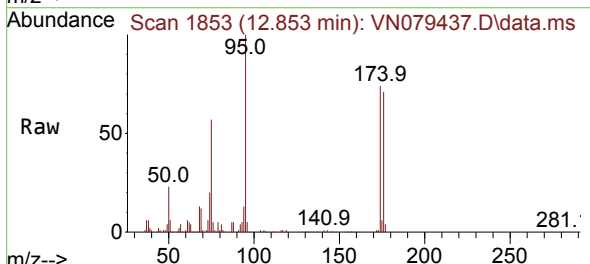
Instrument :
MSVOA_N
ClientSampleId :

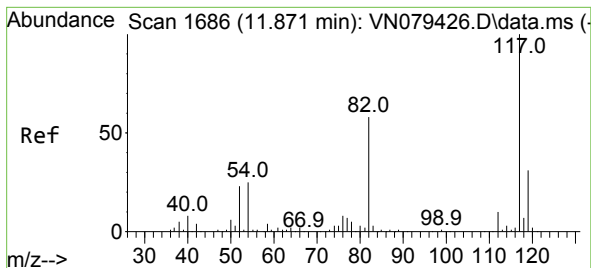
Tgt Ion:107 Resp: 59627
Ion Ratio Lower Upper
107 100
109 94.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.269 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Tgt Ion: 95 Resp: 180137
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 71.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

ClientSampleId :

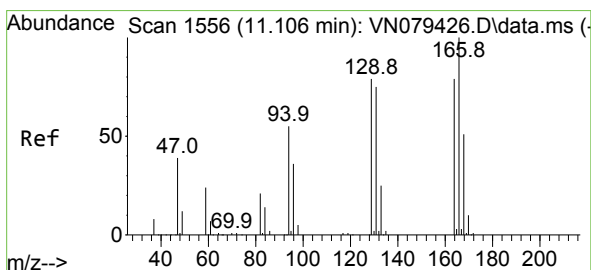
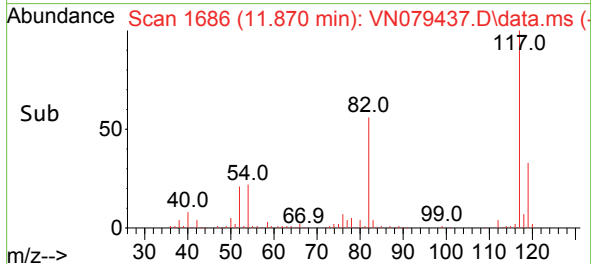
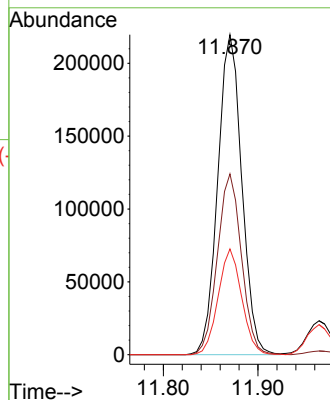
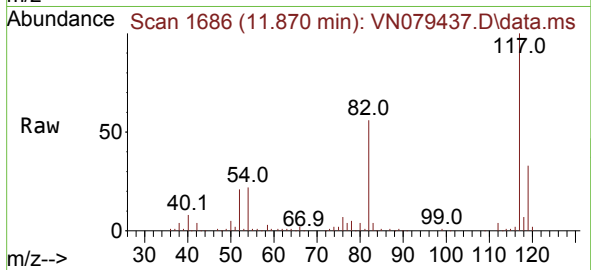
Tgt Ion:117 Resp: 387882

Ion Ratio Lower Upper

117 100

82 56.5 44.0 66.0

119 33.1 25.6 38.4



#64

Tetrachloroethene

Concen: 18.591 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Tgt Ion:164 Resp: 49606

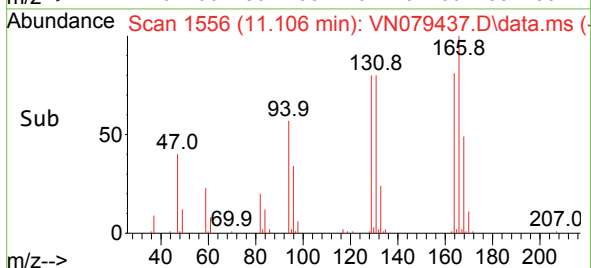
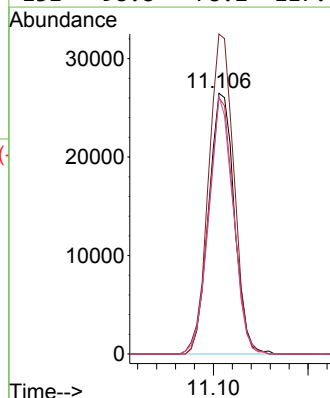
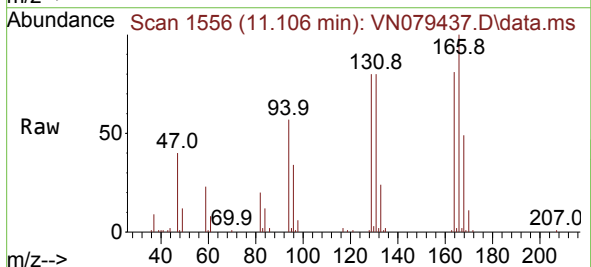
Ion Ratio Lower Upper

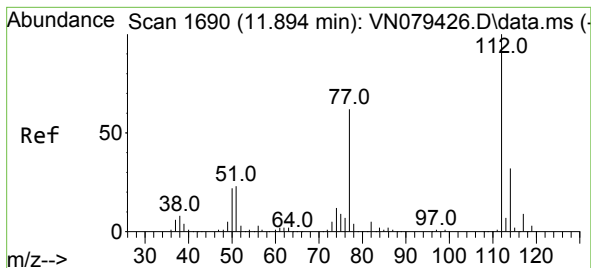
164 100

166 122.7 101.4 152.0

129 98.3 82.4 123.6

131 98.8 78.2 117.4





#65

Chlorobenzene

Concen: 18.296 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

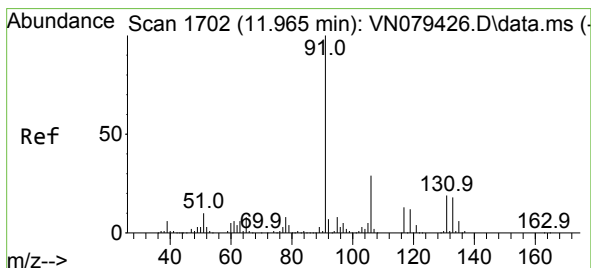
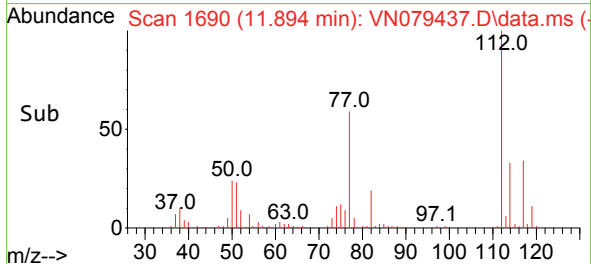
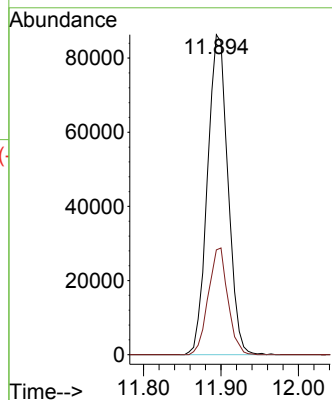
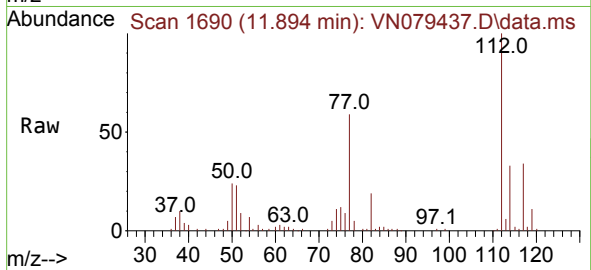
ClientSampleId :

Tgt Ion:112 Resp: 158040

Ion Ratio Lower Upper

112 100

114 32.8 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 17.758 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

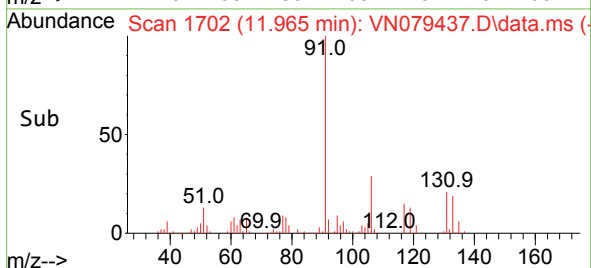
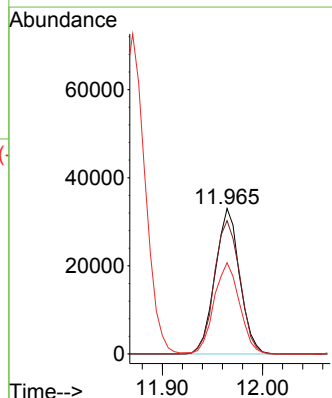
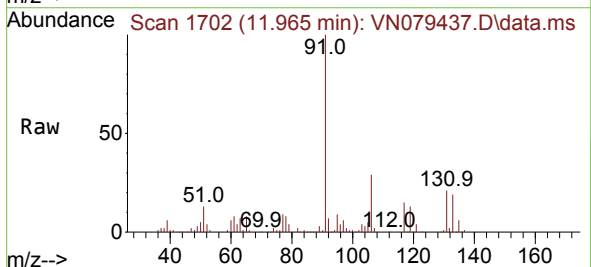
Tgt Ion:131 Resp: 56166

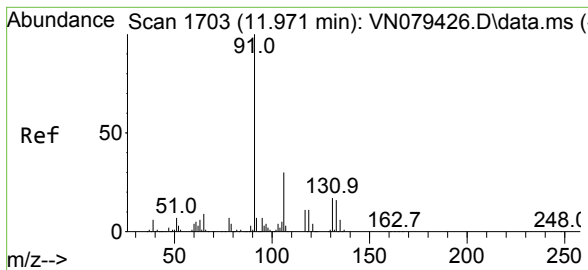
Ion Ratio Lower Upper

131 100

133 95.8 46.4 139.1

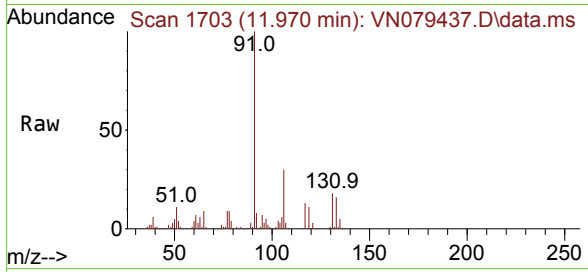
119 65.0 34.1 102.2



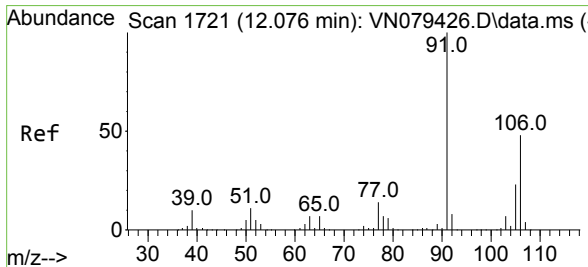
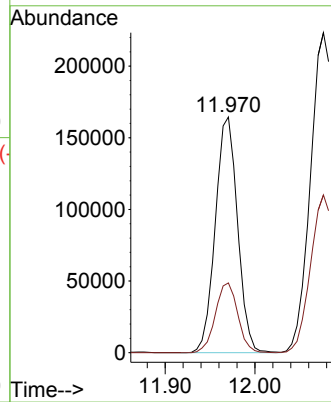
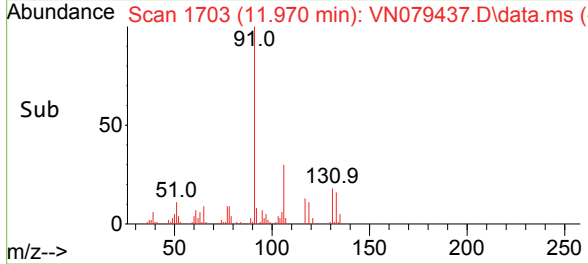


#67
Ethyl Benzene
Concen: 18.858 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Instrument :
MSVOA_N
ClientSampleId :

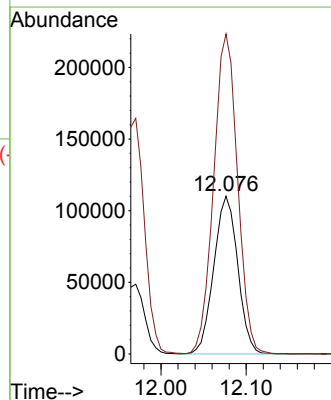
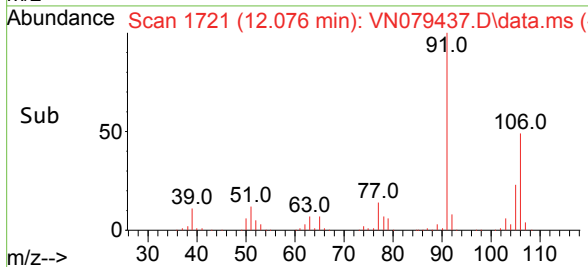
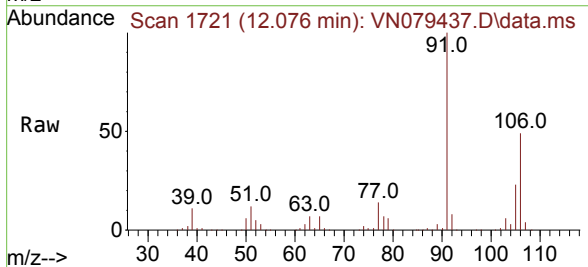


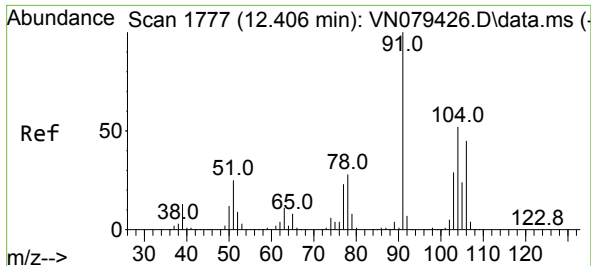
Tgt Ion: 91 Resp: 283142
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4



#68
m/p-Xylenes
Concen: 39.452 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Tgt Ion:106 Resp: 215226
Ion Ratio Lower Upper
106 100
91 202.7 159.6 239.4





#69

o-Xylene

Concen: 18.306 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

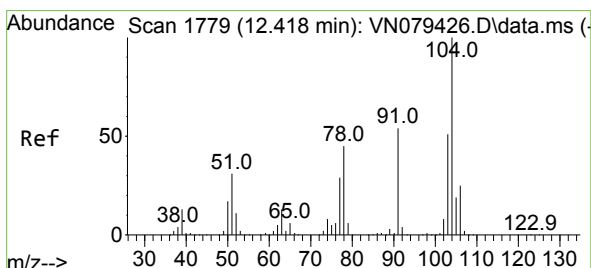
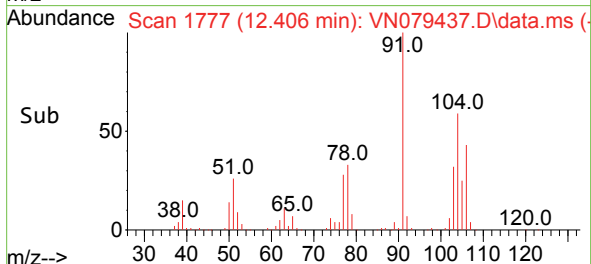
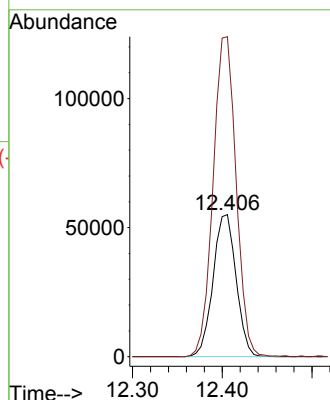
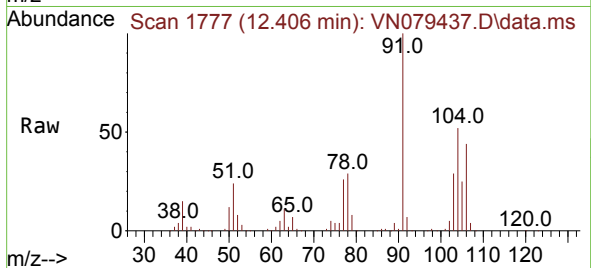
ClientSampleId :

Tgt Ion:106 Resp: 98214

Ion Ratio Lower Upper

106 100

91 224.6 105.2 315.5



#70

Styrene

Concen: 18.900 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. -0.001 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

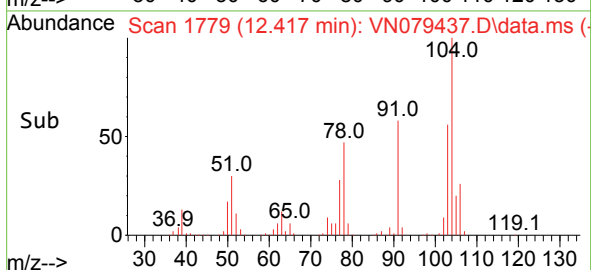
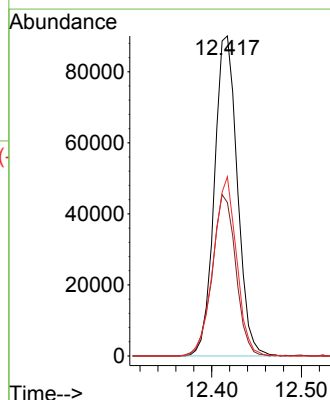
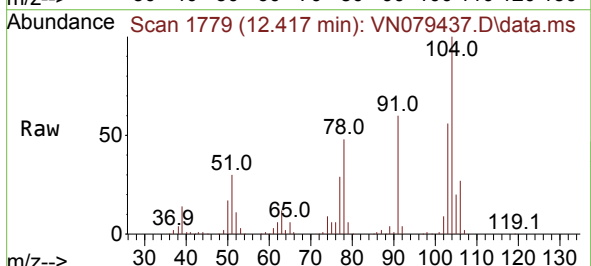
Tgt Ion:104 Resp: 160166

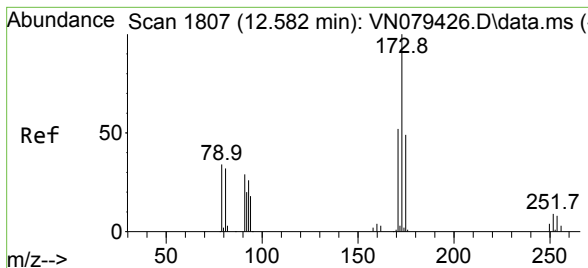
Ion Ratio Lower Upper

104 100

78 51.9 39.5 59.3

103 56.5 43.2 64.8





#71

Bromoform

Concen: 17.462 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

ClientSampleId :

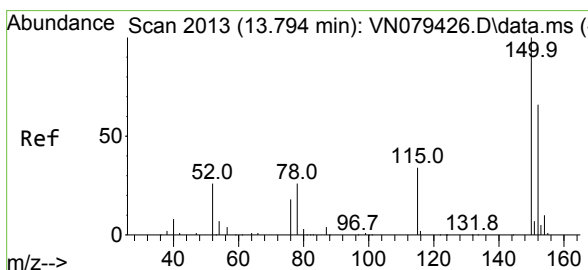
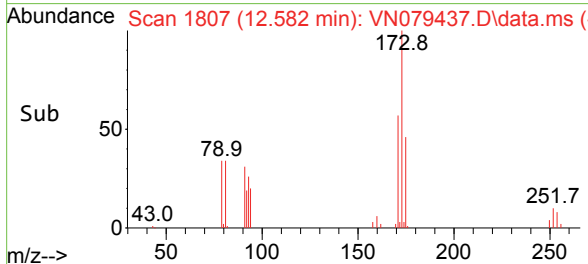
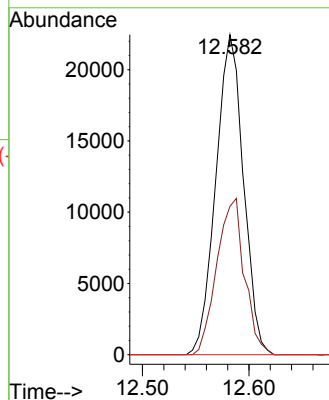
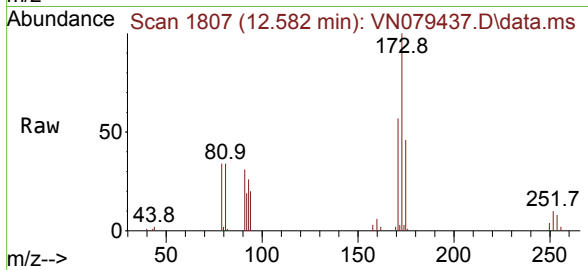
Tgt Ion:173 Resp: 40421

Ion Ratio Lower Upper

173 100

175 48.9 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# 2013

Delta R.T. -0.000 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

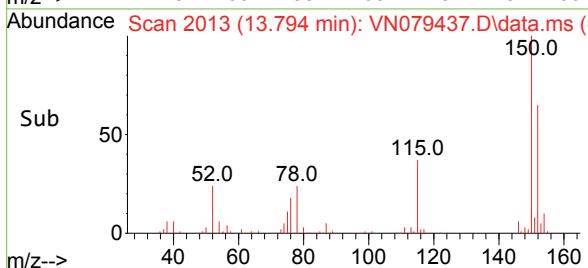
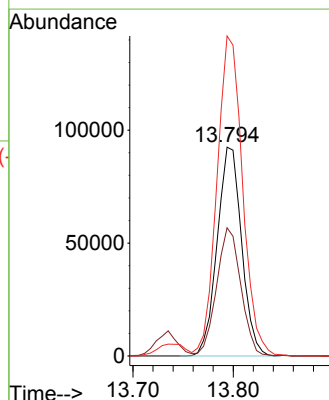
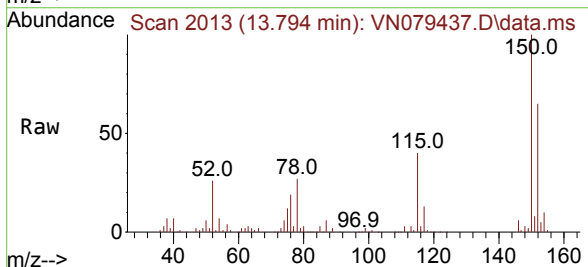
Tgt Ion:152 Resp: 156888

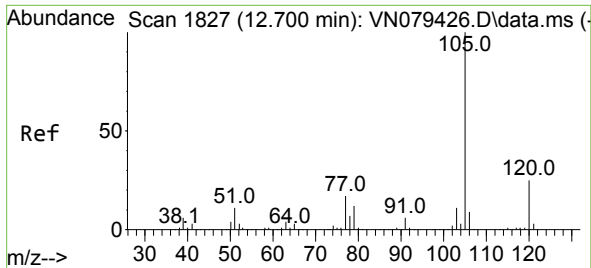
Ion Ratio Lower Upper

152 100

115 61.0 32.3 96.8

150 160.5 0.0 355.8

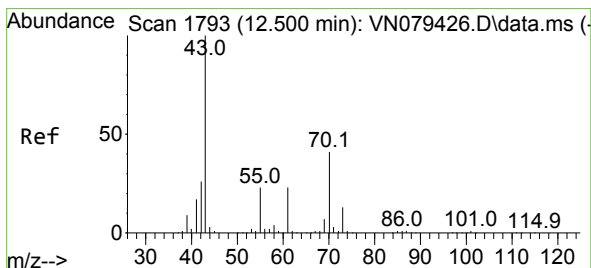
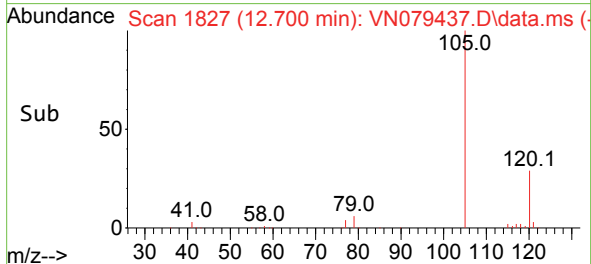
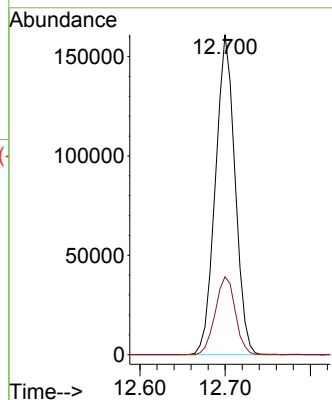
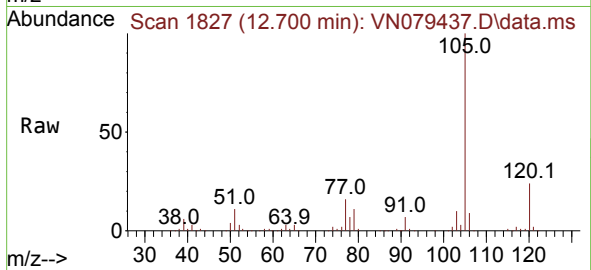




#73
Isopropylbenzene
Concen: 17.635 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

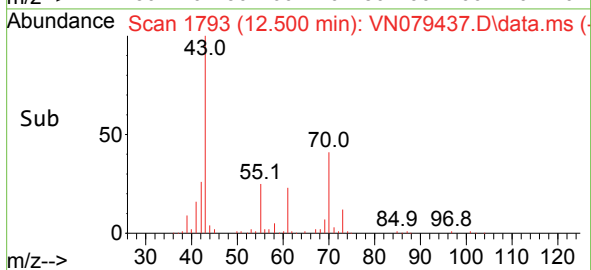
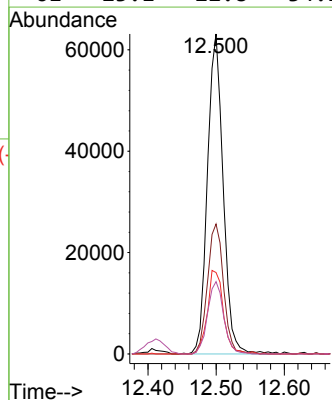
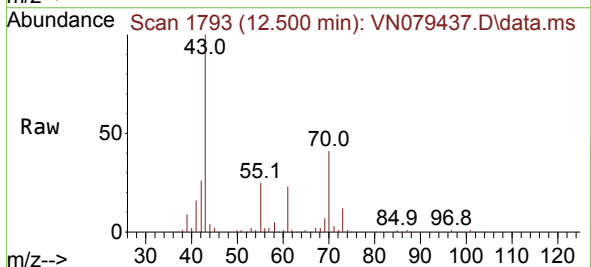
Instrument :
MSVOA_N
ClientSampleId :

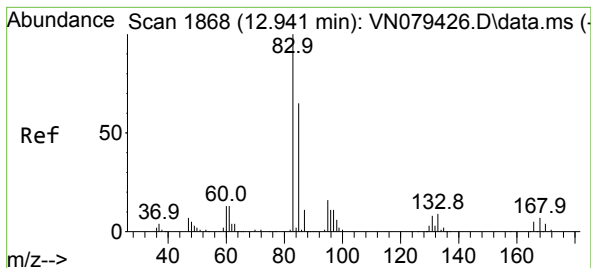
Tgt Ion:105 Resp: 257394
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.1



#74
N-ethyl acetate
Concen: 16.966 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Tgt Ion: 43 Resp: 101516
Ion Ratio Lower Upper
43 100
70 41.4 43.4 65.2#
55 26.7 21.4 32.0
61 23.1 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.706 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

ClientSampleId :

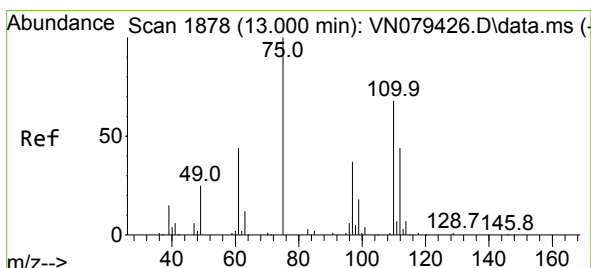
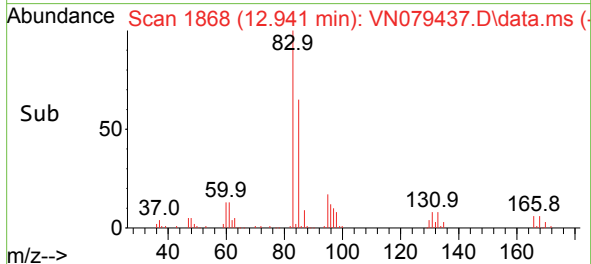
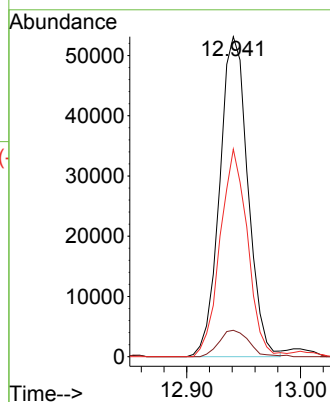
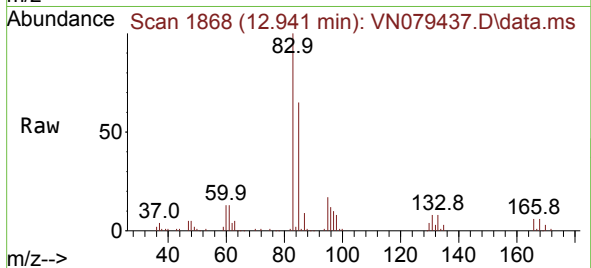
Tgt Ion: 83 Resp: 91707

Ion Ratio Lower Upper

83 100

131 8.8 5.0 15.0

85 63.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 23.732 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN079437.D

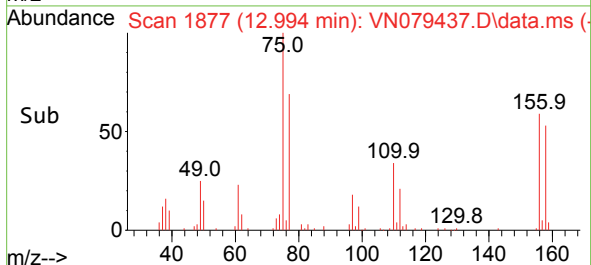
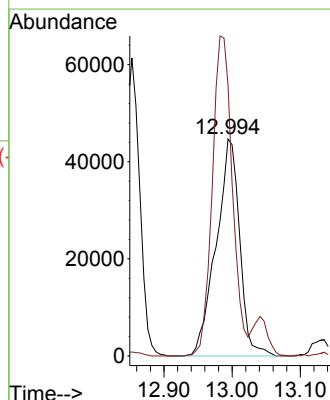
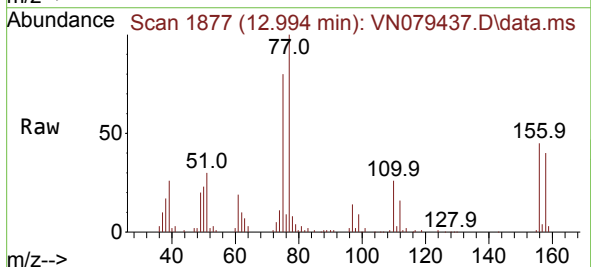
Acq: 06 Oct 2023 10:55

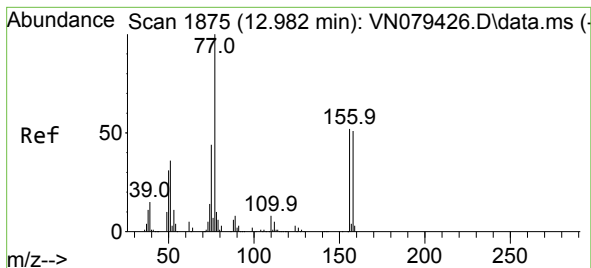
Tgt Ion: 75 Resp: 107353

Ion Ratio Lower Upper

75 100

77 126.0 84.5 253.5





#77

Bromobenzene

Concen: 16.738 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

ClientSampleId :

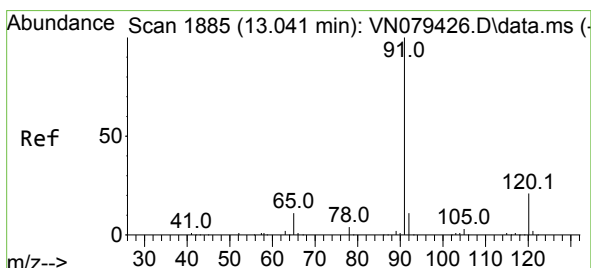
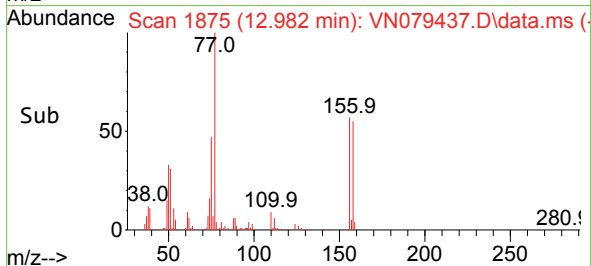
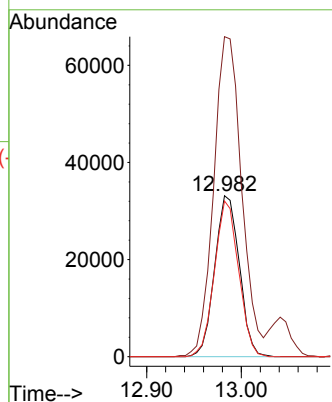
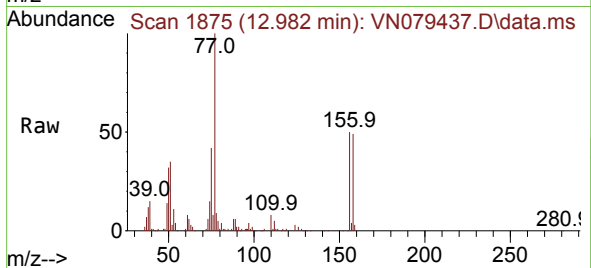
Tgt Ion:156 Resp: 59903

Ion Ratio Lower Upper

156 100

77 225.7 107.7 323.3

158 94.9 48.4 145.3



#78

n-propylbenzene

Concen: 18.477 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079437.D

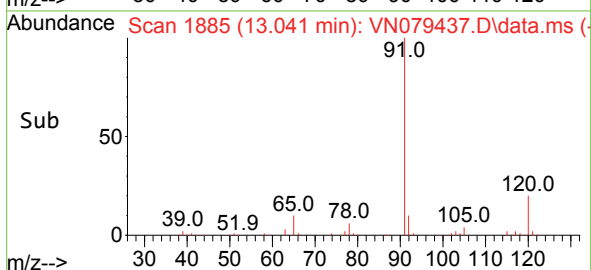
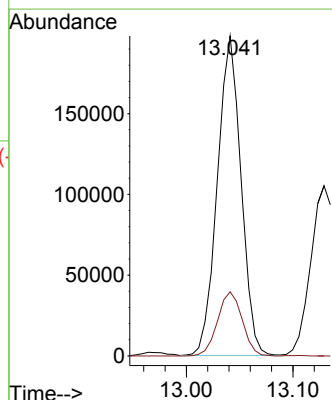
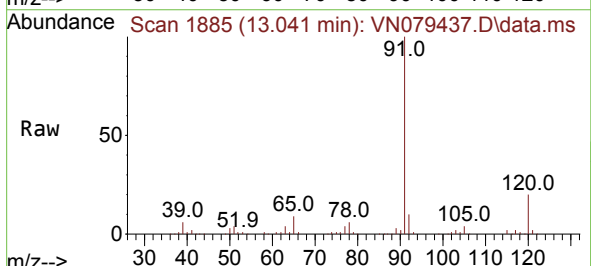
Acq: 06 Oct 2023 10:55

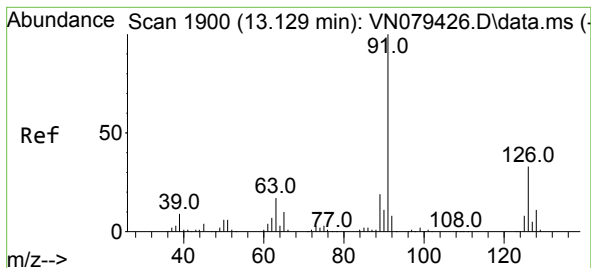
Tgt Ion: 91 Resp: 305118

Ion Ratio Lower Upper

91 100

120 20.8 11.5 34.4

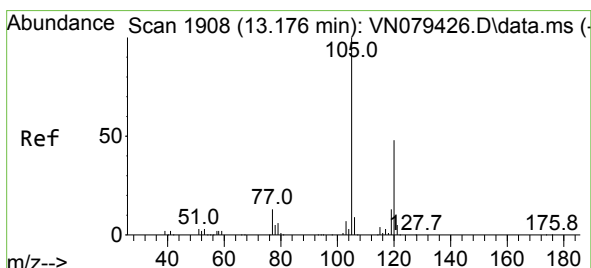
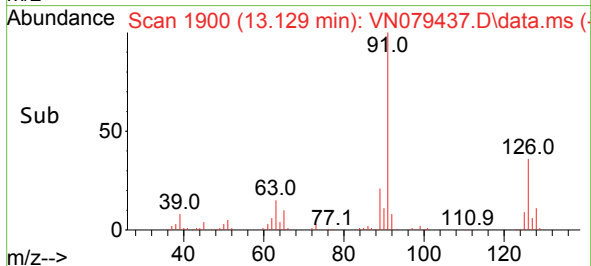
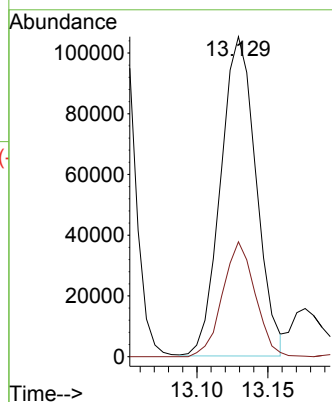
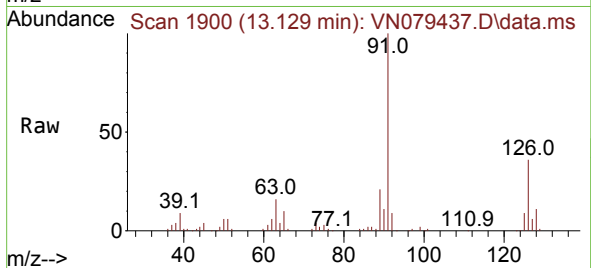




#79
2-Chlorotoluene
Concen: 17.294 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

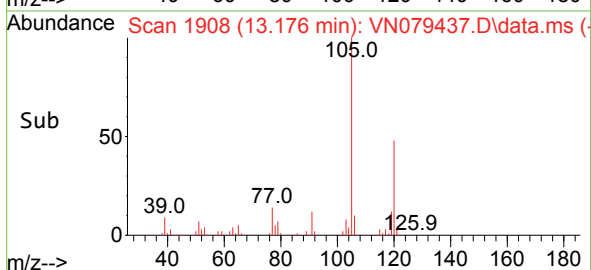
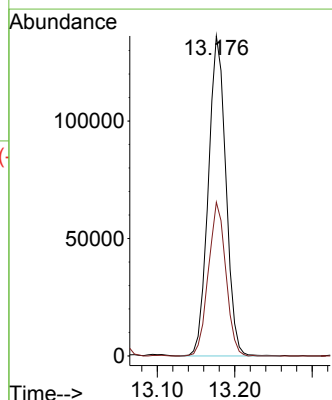
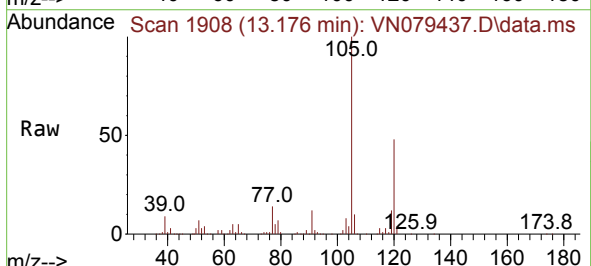
Instrument :
MSVOA_N
ClientSampleId :

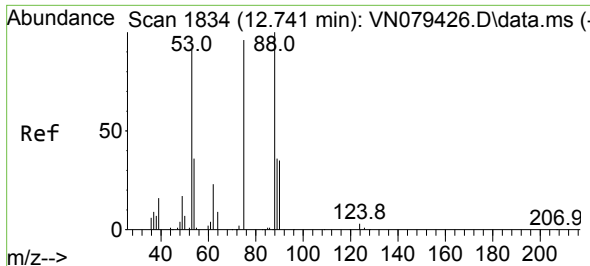
Tgt Ion: 91 Resp: 182747
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 18.617 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Tgt Ion:105 Resp: 214270
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3

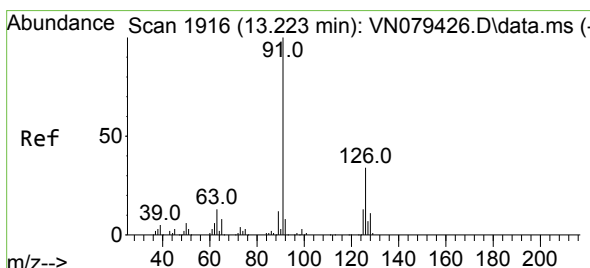
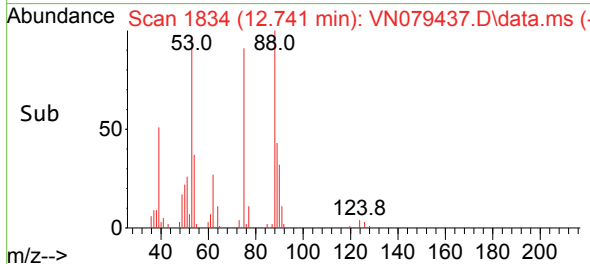
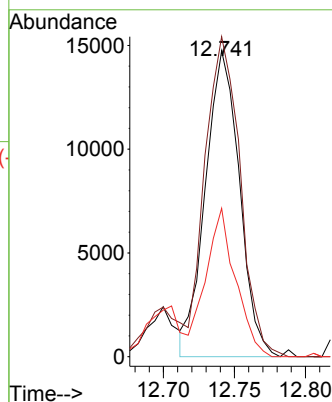
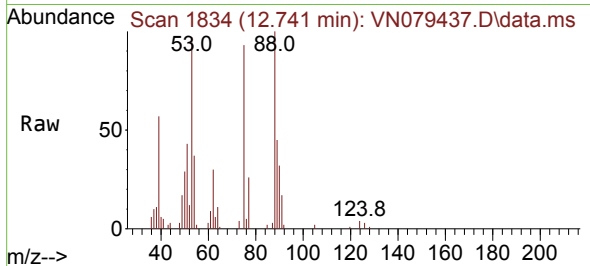




#81
trans-1,4-Dichloro-2-butene
Concen: 15.750 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

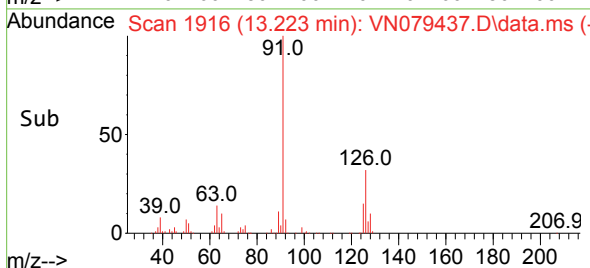
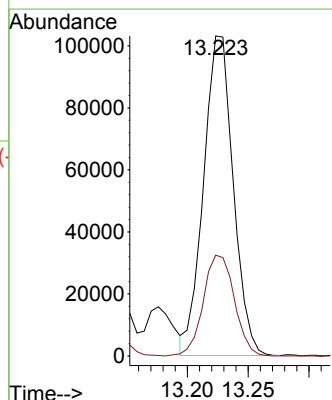
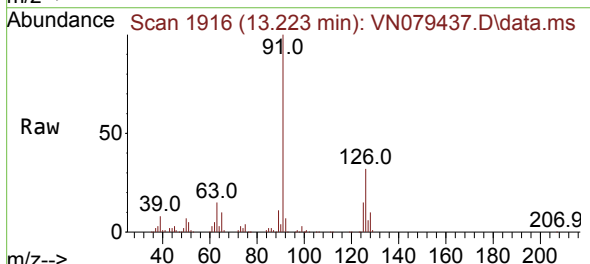
Instrument :
MSVOA_N
ClientSampleId :

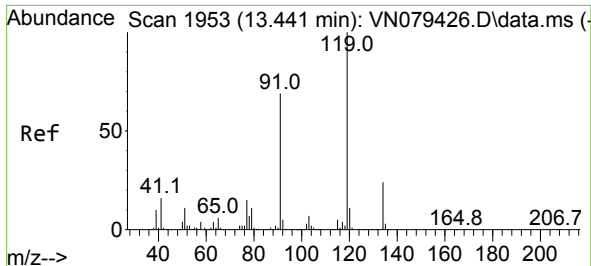
Tgt Ion: 75 Resp: 24555
Ion Ratio Lower Upper
75 100
53 106.8 67.4 101.2#
89 42.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 17.405 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

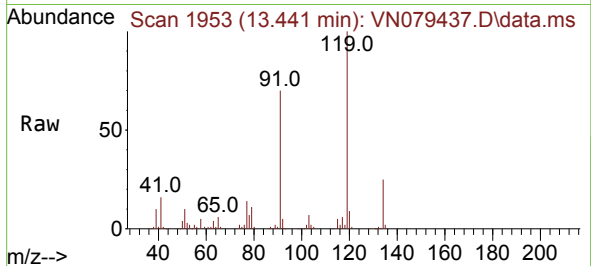
Tgt Ion: 91 Resp: 175011
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.0



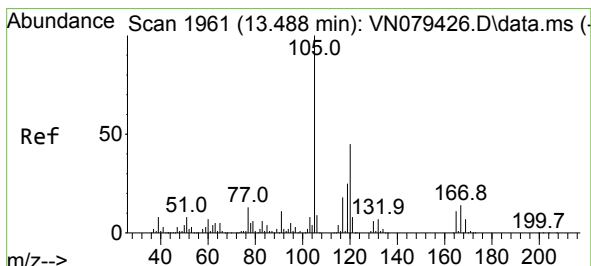
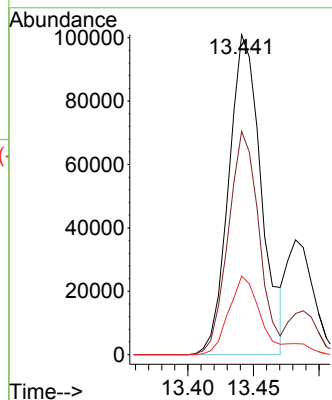
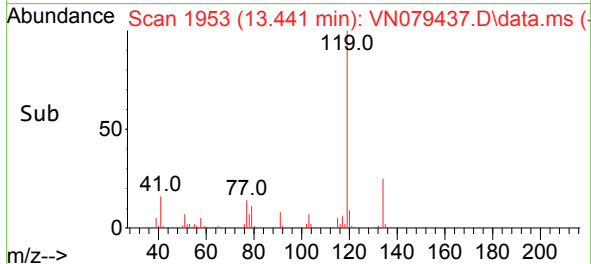


#83
tert-Butylbenzene
Concen: 18.517 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

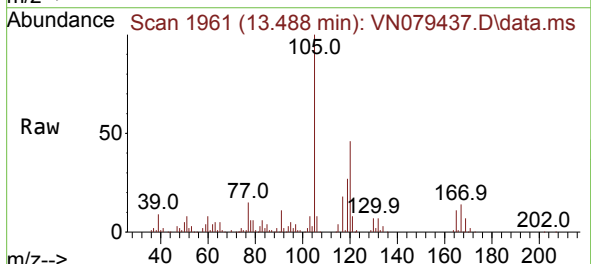
Instrument :
MSVOA_N
ClientSampleId :



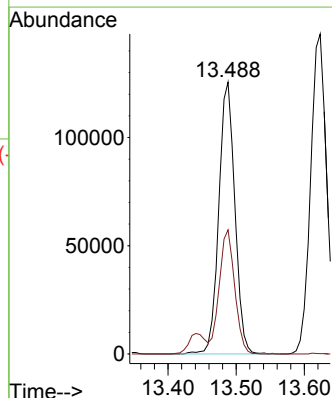
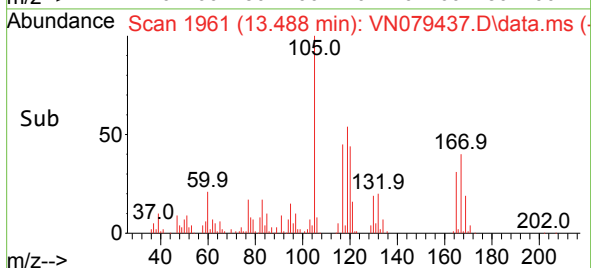
Tgt Ion:119 Resp: 174613
Ion Ratio Lower Upper
119 100
91 66.1 33.9 101.7
134 25.9 13.2 39.6

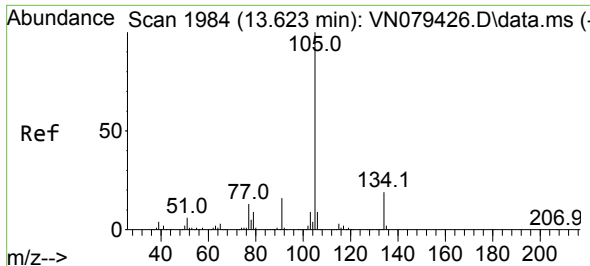


#84
1,2,4-Trimethylbenzene
Concen: 18.728 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55



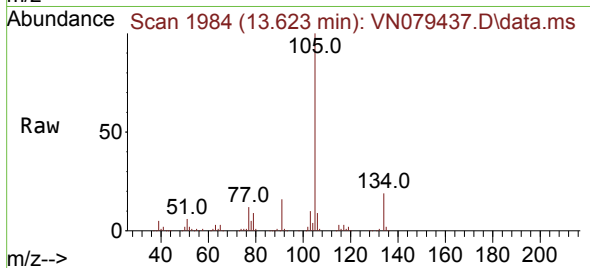
Tgt Ion:105 Resp: 205702
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0



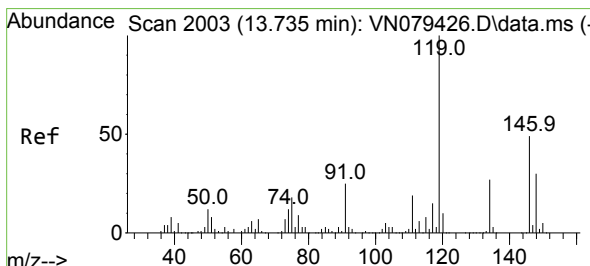
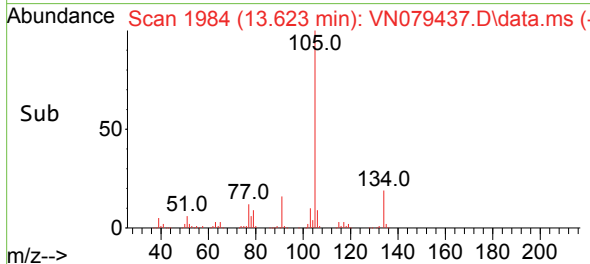
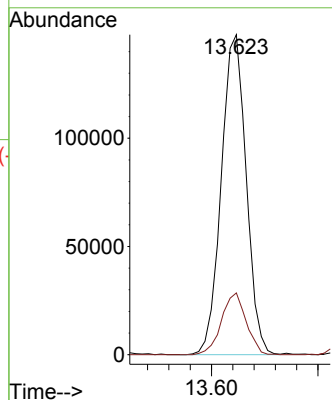


#85
 sec-Butylbenzene
 Concen: 18.250 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN079437.D
 Acq: 06 Oct 2023 10:55

Instrument :
 MSVOA_N
 ClientSampleId :

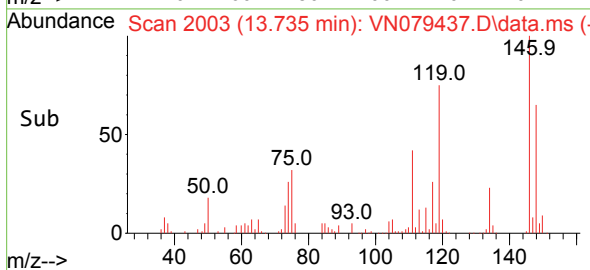
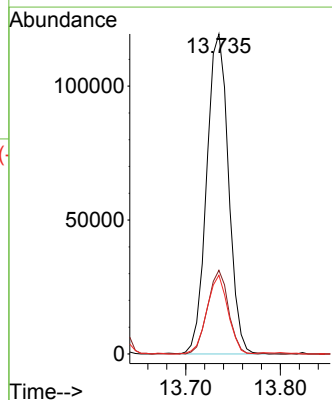
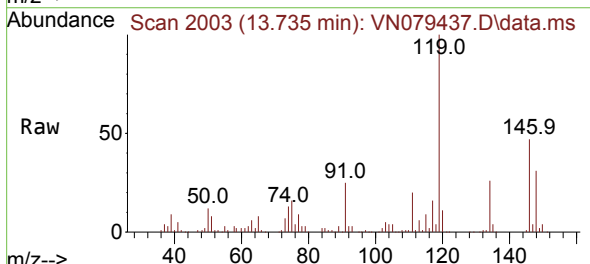


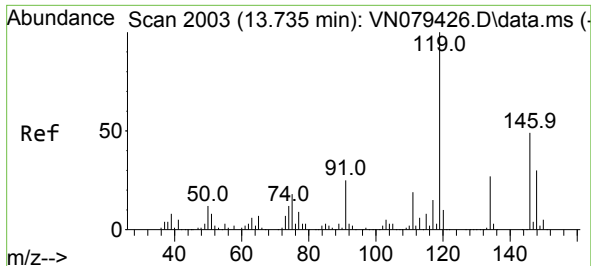
Tgt Ion:105 Resp: 240035
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.977 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079437.D
 Acq: 06 Oct 2023 10:55

Tgt Ion:119 Resp: 191487
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 23.9 12.4 37.2

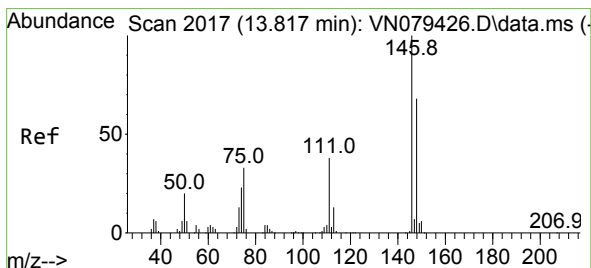
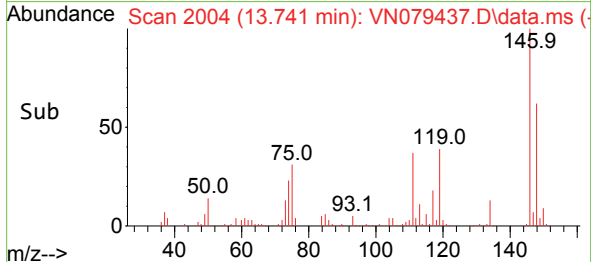
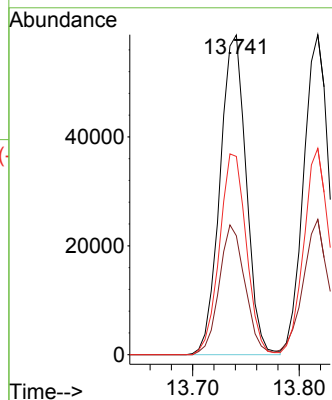
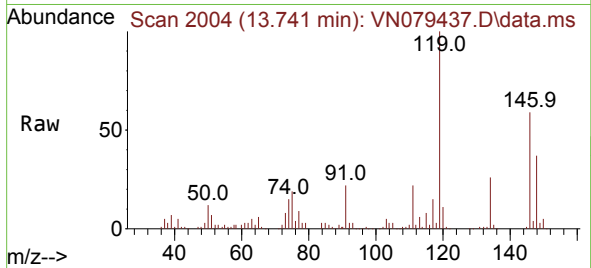




#87
1,3-Dichlorobenzene
Concen: 17.674 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

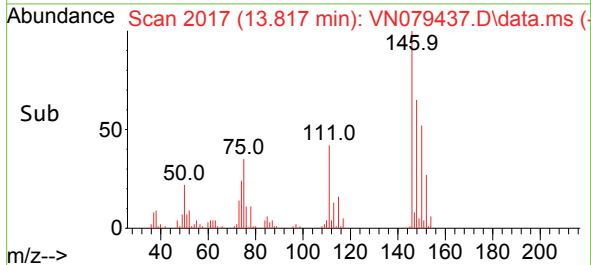
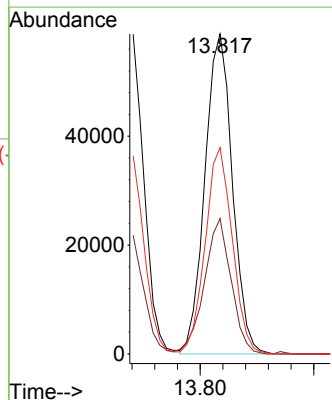
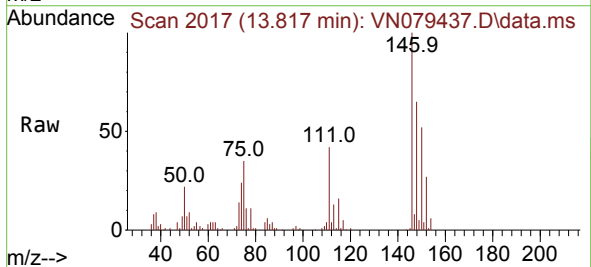
Instrument :
MSVOA_N
ClientSampleId :

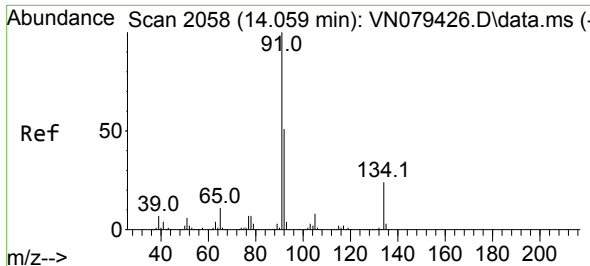
Tgt Ion:146 Resp: 100325
Ion Ratio Lower Upper
146 100
111 40.0 22.1 66.3
148 64.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 16.859 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

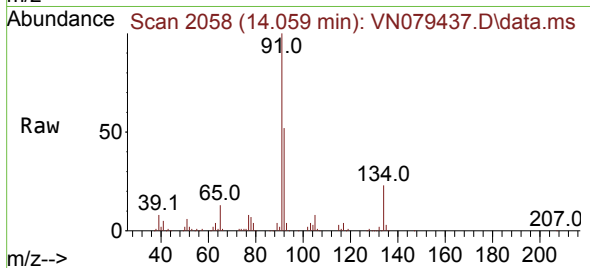
Tgt Ion:146 Resp: 98813
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.8
148 63.9 31.6 94.8



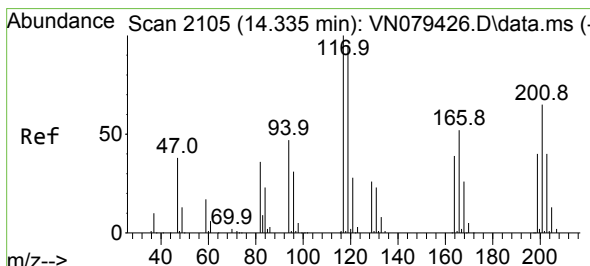
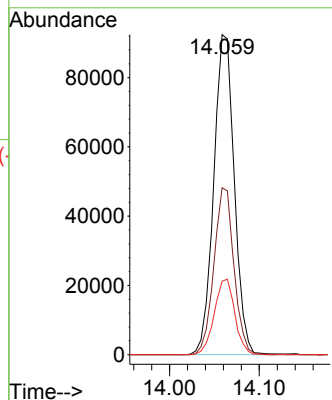
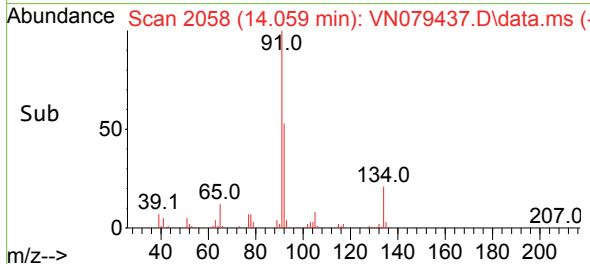


#89
n-Butylbenzene
Concen: 18.278 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

Instrument :
MSVOA_N
ClientSampleId :

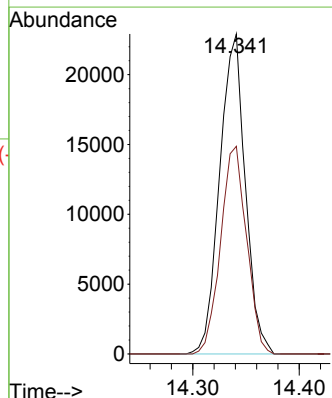
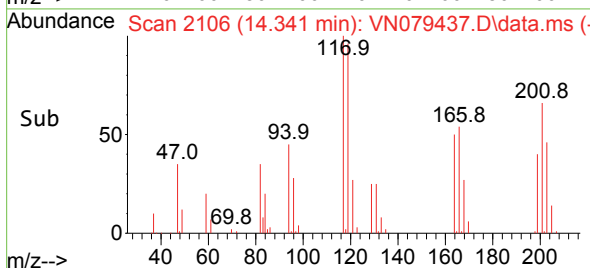
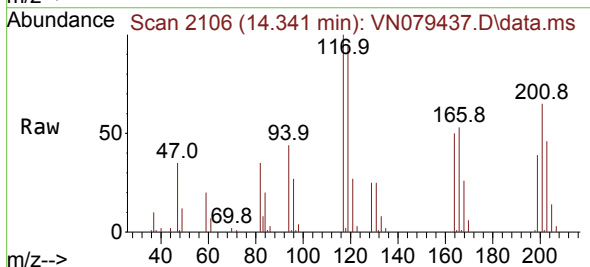


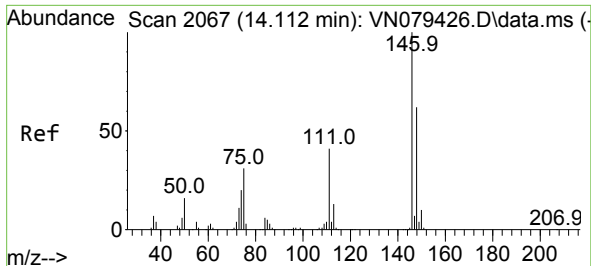
Tgt Ion: 91 Resp: 147280
Ion Ratio Lower Upper
91 100
92 50.8 26.4 79.0
134 23.5 12.6 37.6



#90
Hexachloroethane
Concen: 17.993 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

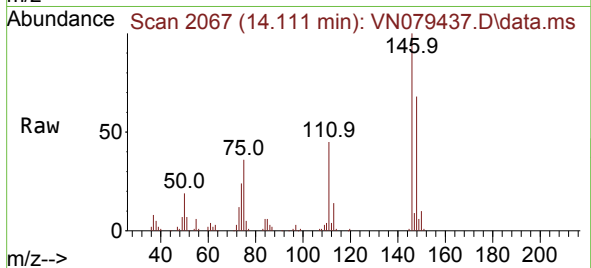
Tgt Ion: 117 Resp: 38229
Ion Ratio Lower Upper
117 100
201 65.9 29.3 88.0



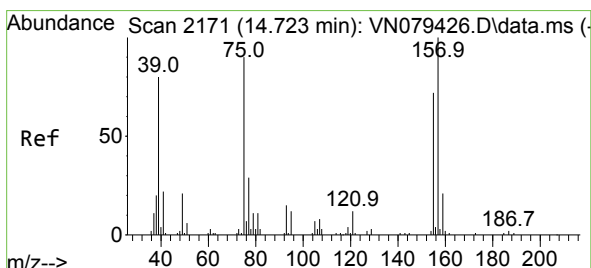
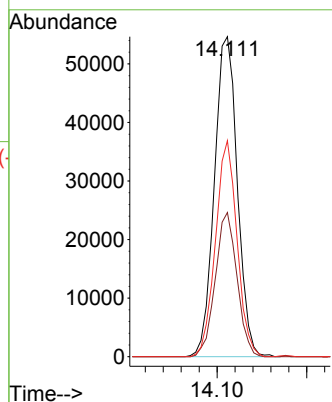
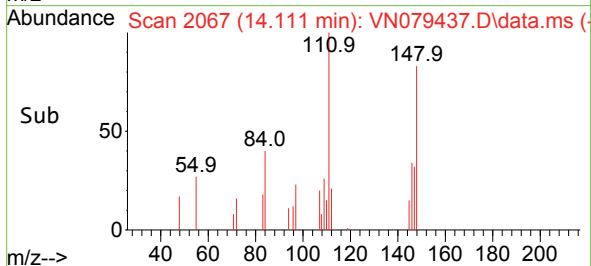


#91
1,2-Dichlorobenzene
Concen: 17.505 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55

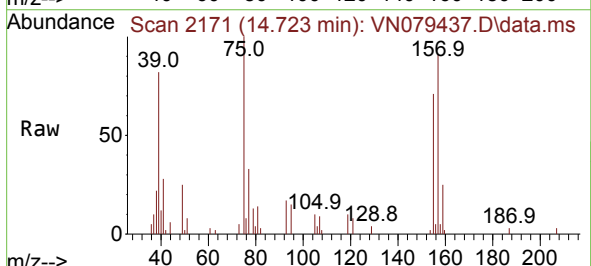
Instrument :
MSVOA_N
ClientSampleId :



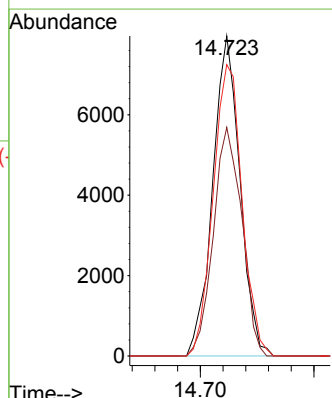
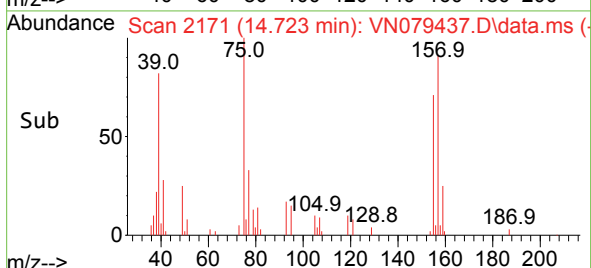
Tgt Ion:146 Resp: 96924
Ion Ratio Lower Upper
146 100
111 42.8 22.0 66.0
148 63.5 31.8 95.3

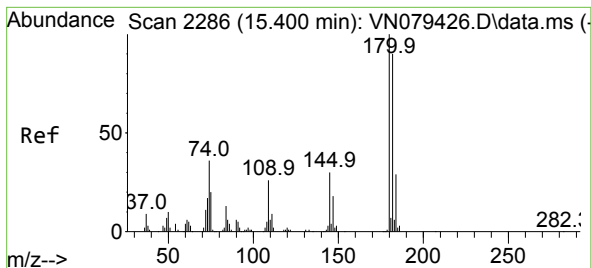


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.715 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079437.D
Acq: 06 Oct 2023 10:55



Tgt Ion: 75 Resp: 13263
Ion Ratio Lower Upper
75 100
155 74.7 39.1 117.2
157 96.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.208 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079437.D

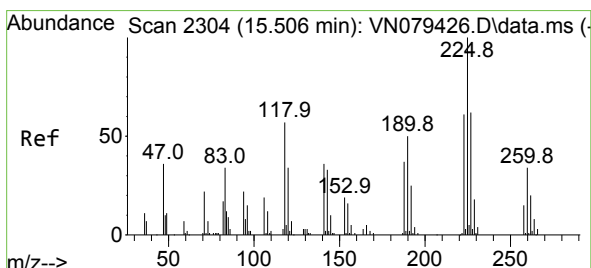
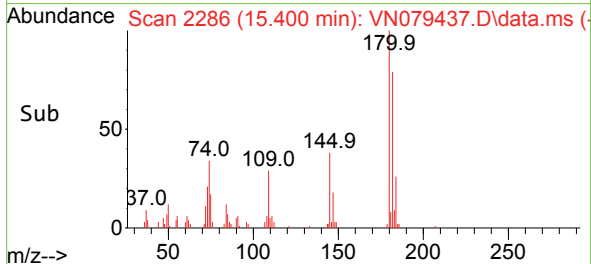
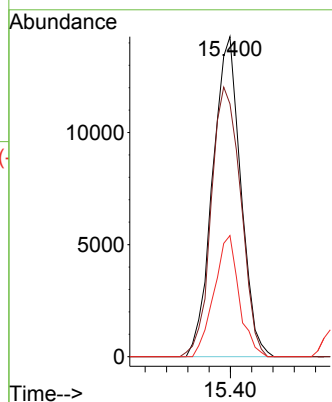
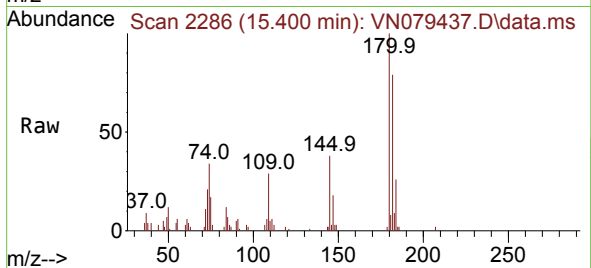
Acq: 06 Oct 2023 10:55

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:180	Resp:	26080
Ion Ratio	Lower	Upper
180	100	
182	88.5	46.1 138.2
145	33.7	16.6 49.8



#94

Hexachlorobutadiene

Concen: 17.116 ug/l

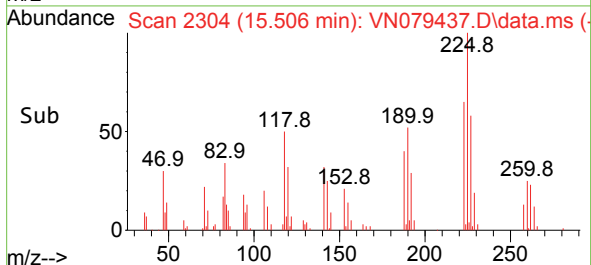
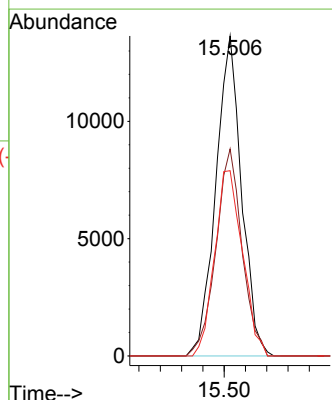
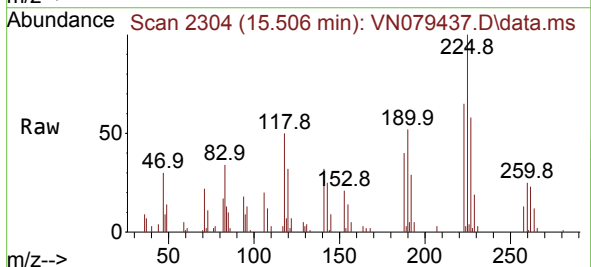
RT: 15.506 min Scan# 2304

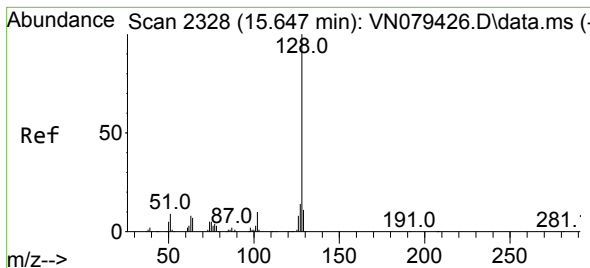
Delta R.T. -0.000 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Tgt Ion:225	Resp:	22860
Ion Ratio	Lower	Upper
225	100	
223	65.6	31.3 93.8
227	62.8	31.9 95.9





#95

Naphthalene

Concen: 11.932 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

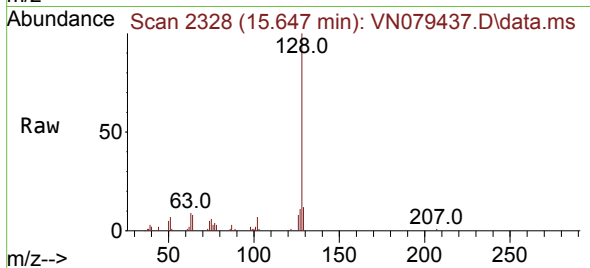
Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

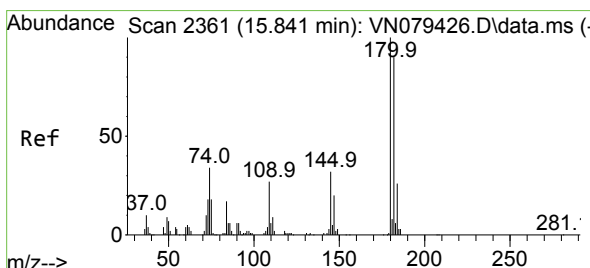
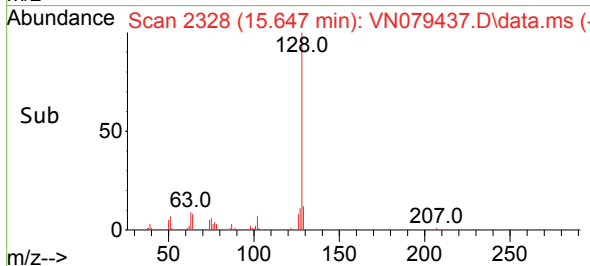
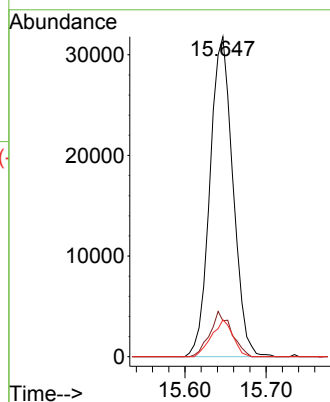
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	128	Resp:	62481
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.0	15.0
129	10.6	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 13.836 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079437.D

Acq: 06 Oct 2023 10:55

Tgt Ion:	180	Resp:	28313
Ion Ratio	Lower	Upper	
180	100		
182	97.3	46.2	138.6
145	32.5	17.5	52.6

