

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101823\
 Data File : VN079595.D
 Acq On : 18 Oct 2023 11:47
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 19 06:11:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	10947	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	145700	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	178258	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	85653	55.032	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 183.433%#	
60) 4-Bromofluorobenzene	12.853	95	99039	30.382	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.267%	
63) Toluene-d8	10.571	98	235739	30.862	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.867%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	59709	37.612	ug/l	99
3) Chloromethane	2.371	50	73086	35.520	ug/l	100
4) Vinyl Chloride	2.518	62	83564	37.631	ug/l	98
5) Bromomethane	2.959	94	47016	34.147	ug/l	93
6) Chloroethane	3.124	64	54558	34.906	ug/l #	87
7) Trichlorofluoromethane	3.501	101	104629	38.613	ug/l	99
8) Diethyl Ether	3.965	74	35255	35.899	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	59471	38.361	ug/l	98
10) 1,1-Dichloroethene	4.342	96	53592	36.333	ug/l	90
11) Methyl Iodide	4.589	142	60180	36.850	ug/l	100
12) Methyl Acetate	5.030	43	132825	37.354	ug/l	98
13) Acrolein	4.318	56	262	0.891	ug/l	94
14) Acrylonitrile	5.724	53	156779	184.113	ug/l	100
15) Acetone	4.436	58	50873	188.592	ug/l	80
16) Carbon Disulfide	4.718	76	159128	35.380	ug/l	99
17) Allyl chloride	5.030	41	80664	35.470	ug/l	99
18) Methylene Chloride	5.283	84	67501	37.180	ug/l	94
19) trans-1,2-Dichloroethene	5.789	96	62420	37.827	ug/l	97
20) Diisopropyl ether	6.677	45	199062	36.916	ug/l	95
21) 1,1-Dichloroethane	6.577	63	121709	37.143	ug/l	96
22) cis-1,2-Dichloroethene	7.489	96	71734	37.742	ug/l	94
23) tert-Butyl Alcohol	5.518	59	46031	161.655	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	178028	35.972	ug/l	99
25) Chloroform	7.971	83	126614	38.241	ug/l	91
26) Cyclohexane	8.265	56	89303	36.053	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	90823	21.331	ug/l	99
30) 2-Butanone	7.489	43	216687	101.526	ug/l	99
31) 2,2-Dichloropropane	7.489	77	96866	20.177	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	106258	20.996	ug/l	98
33) Carbon Tetrachloride	8.365	117	92542	21.501	ug/l	98
34) Benzene	8.612	78	271745	21.006	ug/l	97
35) Methacrylonitrile	7.783	41	45512	20.271	ug/l	94
36) 1,2-Dichloroethane	8.677	62	98286	21.279	ug/l	100
37) Trichloroethene	9.359	130	63126	20.876	ug/l	99
38) Methylcyclohexane	9.606	83	80357	19.602	ug/l	99
39) 1,2-Dichloropropane	9.630	63	71825	21.039	ug/l	98
40) Dibromomethane	9.718	93	47067	21.008	ug/l	98
41) Bromodichloromethane	9.894	83	97003	20.892	ug/l	97
42) Vinyl Acetate	6.606	43	538710	99.501	ug/l	99

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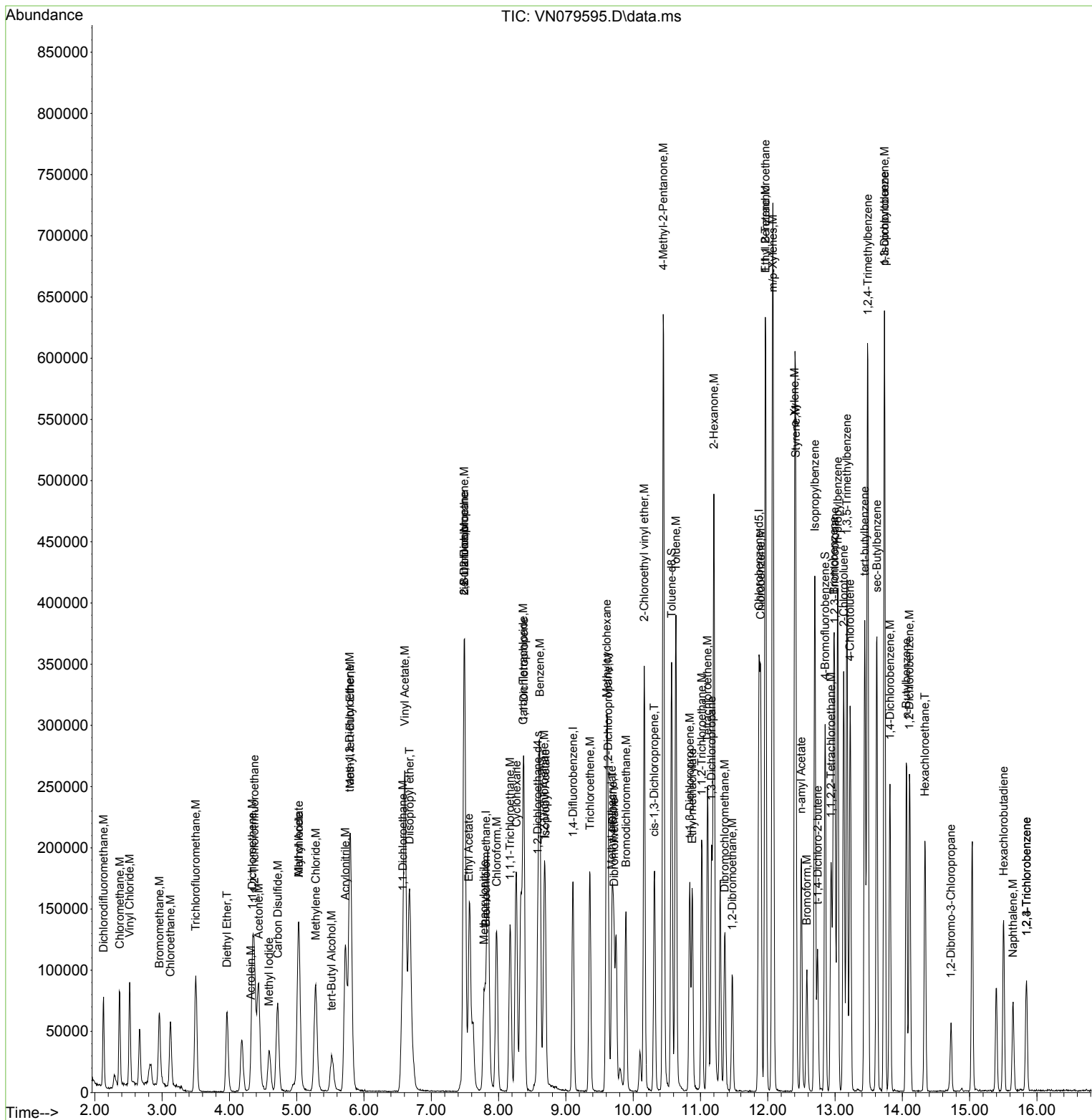
Instrument :
 MSVOA_N
 ClientSampleId :

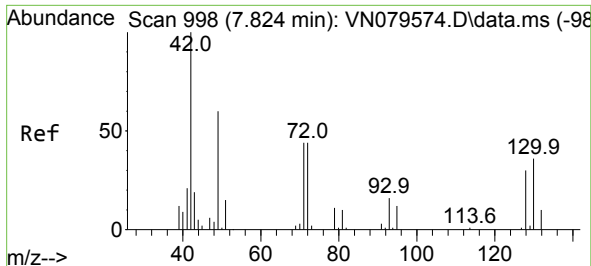
Quant Time: Oct 19 06:11:36 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	90794	22.623	ug/l #	77
44) Isopropyl Acetate	8.694	43	137651	19.294	ug/l	98
45) 1,4-Dioxane	9.700	88	23081	413.304	ug/l	96
46) Methyl methacrylate	9.682	41	66120	20.891	ug/l	98
47) n-amyl Acetate	12.500	43	101368	19.687	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	93701	19.963	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	106137	20.679	ug/l	94
50) 1,1,2-Trichloroethane	11.018	97	66458	21.382	ug/l	95
51) Ethyl methacrylate	10.877	69	86589	20.192	ug/l	96
52) 1,3-Dichloropropane	11.165	76	115766	21.025	ug/l	99
53) Dibromochloromethane	11.359	129	68652	21.612	ug/l	100
54) 1,2-Dibromoethane	11.471	107	65582	21.388	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	150997	92.292	ug/l	99
56) Bromoform	12.582	173	43104	20.512	ug/l	96
58) 4-Methyl-2-Pentanone	10.447	43	435963	104.854	ug/l	100
59) 2-Hexanone	11.200	43	309998	101.629	ug/l	99
61) Tetrachloroethene	11.106	164	52963	21.640	ug/l	96
62) Toluene	10.635	91	290151	21.298	ug/l	99
64) Chlorobenzene	11.894	112	164812	20.859	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.965	131	65210	21.665	ug/l	92
66) Ethyl Benzene	11.965	91	291477	20.765	ug/l	99
67) m/p-Xylenes	12.076	106	225635	43.461	ug/l	97
68) o-Xylene	12.400	106	105665	21.290	ug/l	98
69) Styrene	12.418	104	171614	21.781	ug/l	99
70) Isopropylbenzene	12.700	105	269893	21.189	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	97627	21.556	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	112745	27.413	ug/l	70
73) Bromobenzene	12.982	156	64507	21.559	ug/l	99
74) n-propylbenzene	13.041	91	321773	21.699	ug/l	100
75) 2-Chlorotoluene	13.129	91	197506	21.424	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	227497	21.849	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	24271	19.336	ug/l	98
78) 4-Chlorotoluene	13.223	91	186234	21.381	ug/l	99
79) tert-butylbenzene	13.441	119	172016	20.547	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	216539	21.462	ug/l	98
81) sec-Butylbenzene	13.623	105	253760	21.592	ug/l	99
82) p-Isopropyltoluene	13.735	119	200757	21.534	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	106140	21.572	ug/l	99
84) 1,4-Dichlorobenzene	13.818	146	100672	21.343	ug/l	99
85) n-Butylbenzene	14.059	91	150800	20.703	ug/l	99
86) Hexachloroethane	14.335	117	42063	20.870	ug/l	96
87) 1,2-Dichlorobenzene	14.106	146	107191	21.919	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	13451	19.491	ug/l	93
89) 1,2,4-Trichlorobenzene	15.847	180	31719	18.401	ug/l	99
90) Hexachlorobutadiene	15.506	225	24715	20.242	ug/l	100
91) Naphthalene	15.647	128	64814	14.577	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	31719	18.401	ug/l	99

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

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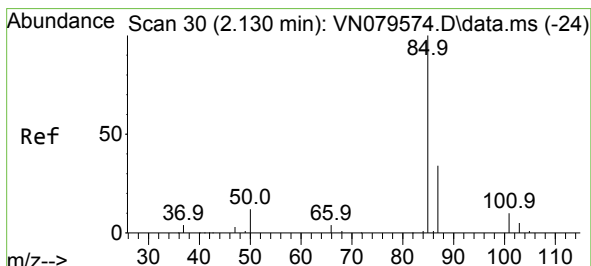
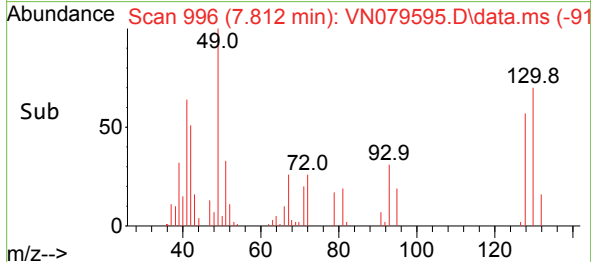
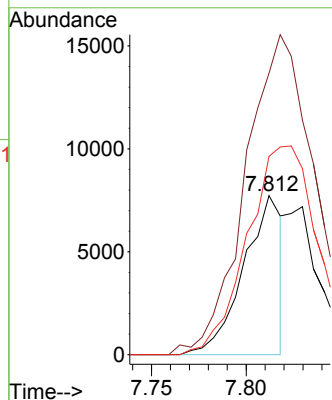
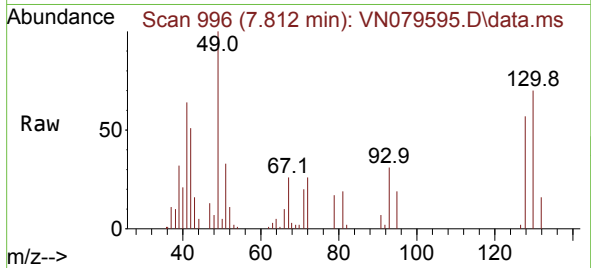




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

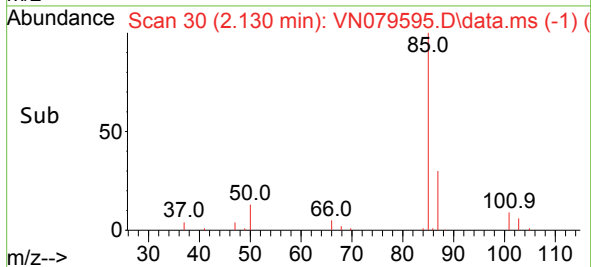
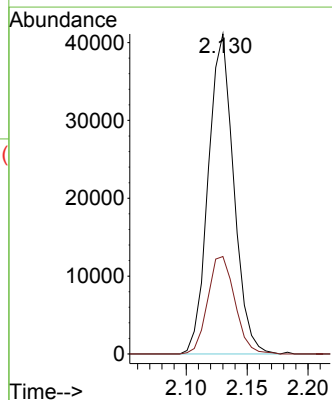
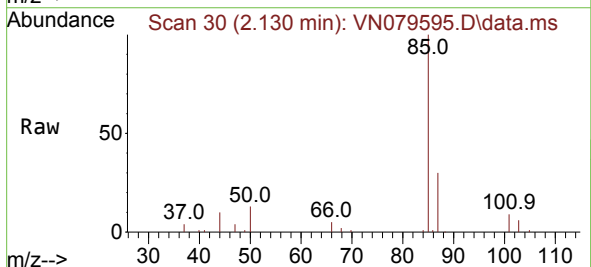
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MSVOA_N
ClientSampleId :

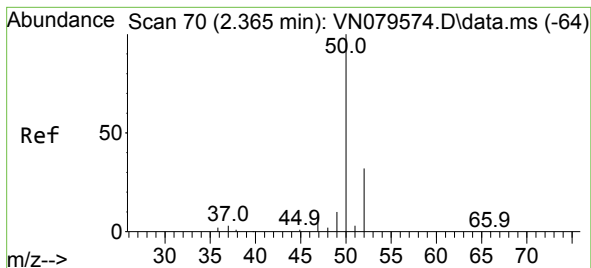
Tgt Ion:128 Resp: 10947
Ion Ratio Lower Upper
128 100
49 361.4 0.0 468.5
130 240.3 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 37.612 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Tgt Ion: 85 Resp: 59709
Ion Ratio Lower Upper
85 100
87 30.4 15.6 46.7





#3

Chloromethane

Concen: 35.520 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

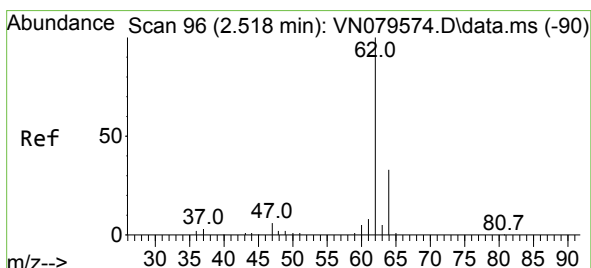
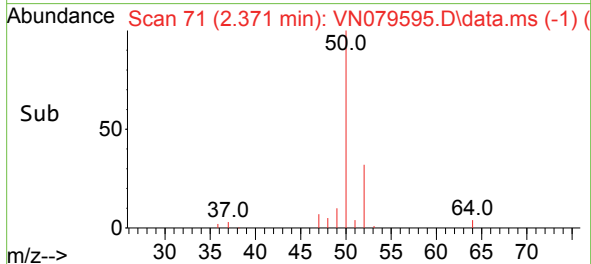
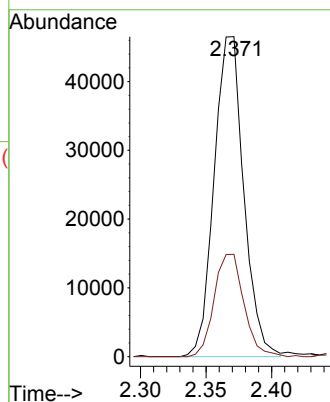
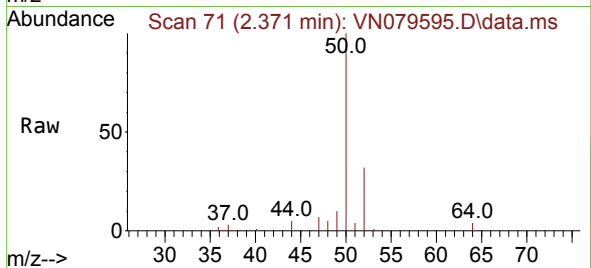
ClientSampleId :

Tgt Ion: 50 Resp: 73086

Ion Ratio Lower Upper

50 100

52 32.0 25.6 38.4



#4

Vinyl Chloride

Concen: 37.631 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN079595.D

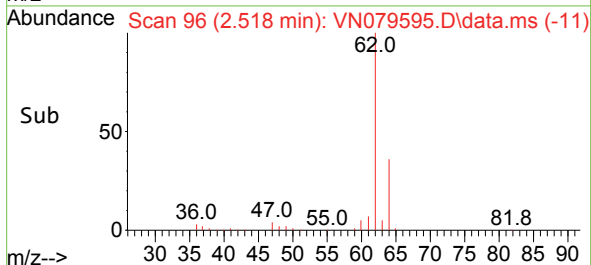
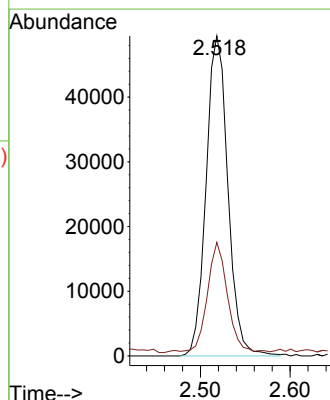
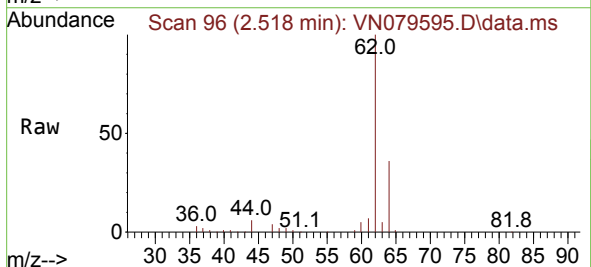
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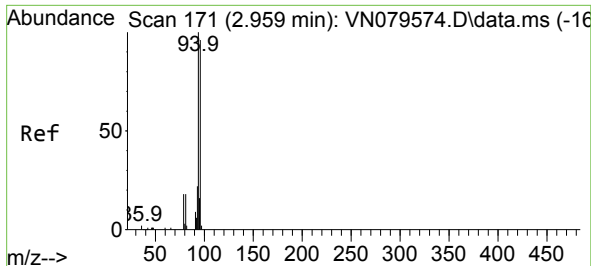
Tgt Ion: 62 Resp: 83564

Ion Ratio Lower Upper

62 100

64 34.1 26.4 39.6

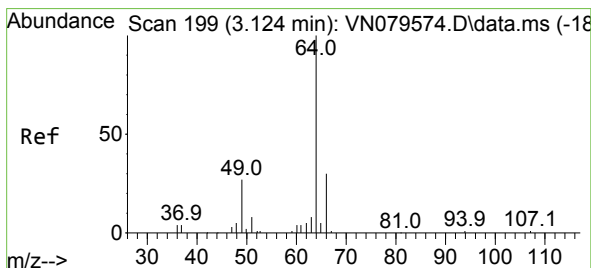
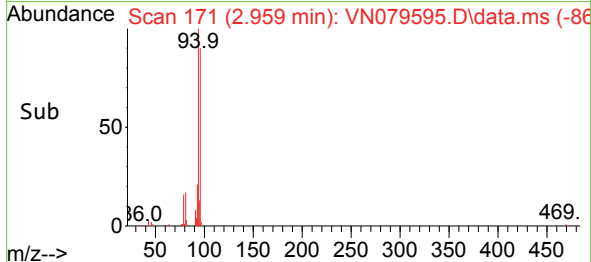
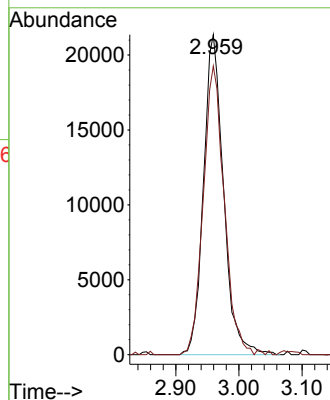
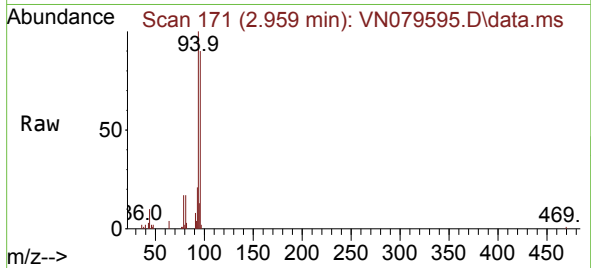




#5
Bromomethane
Concen: 34.147 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

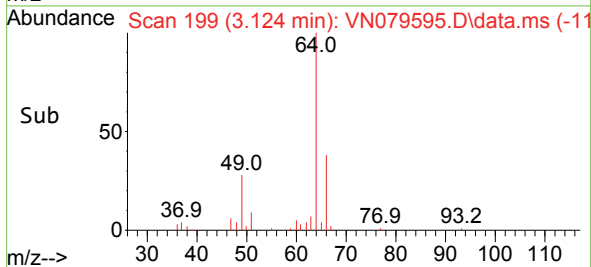
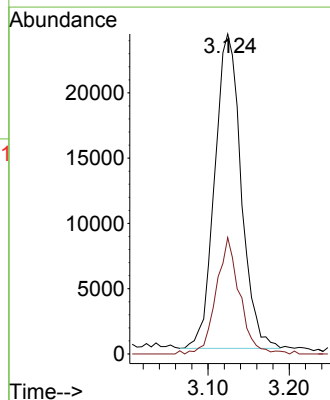
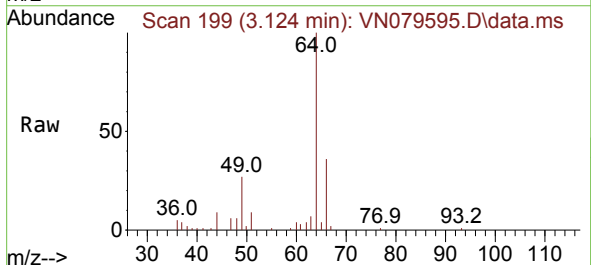
Instrument :
MSVOA_N
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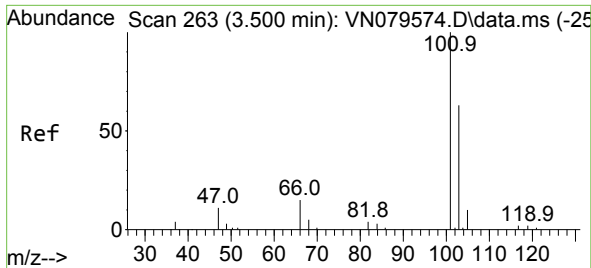
Tgt Ion: 94 Resp: 47016
Ion Ratio Lower Upper
94 100
96 90.2 77.8 116.6



#6
Chloroethane
Concen: 34.906 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Tgt Ion: 64 Resp: 54558
Ion Ratio Lower Upper
64 100
66 36.1 23.3 34.9#

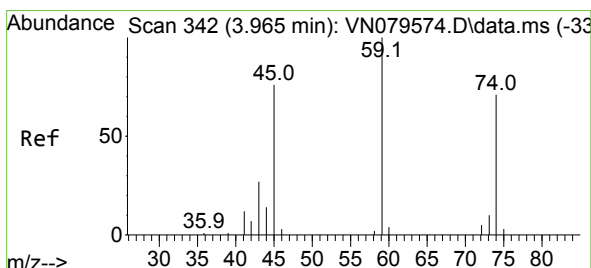
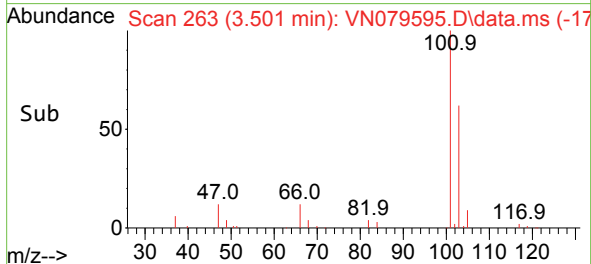
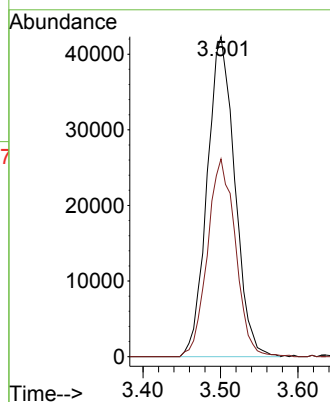
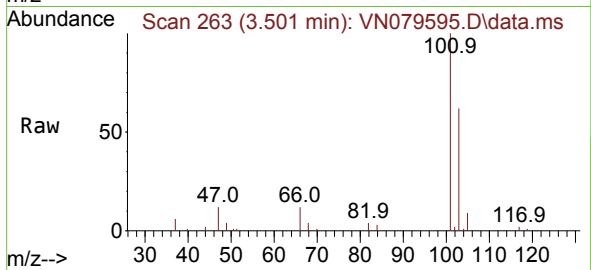




#7
 Trichlorofluoromethane
 Concen: 38.613 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

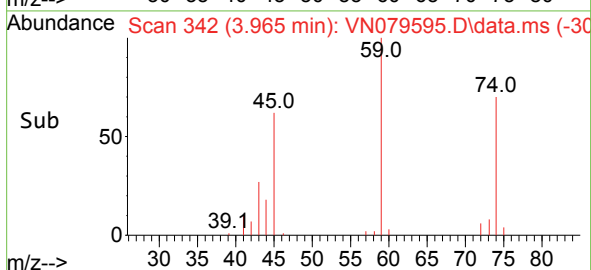
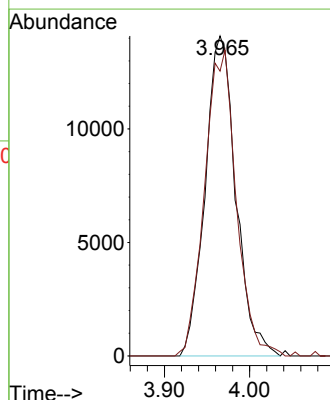
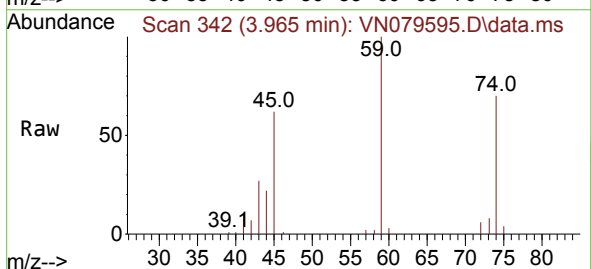
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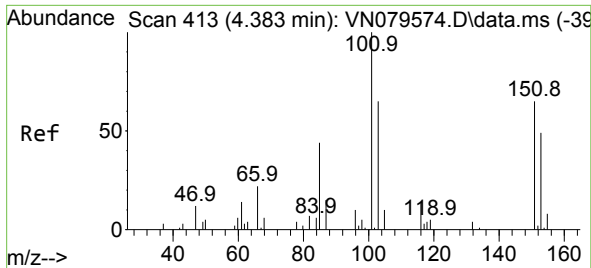
Tgt Ion:101 Resp: 104629
 Ion Ratio Lower Upper
 101 100
 103 61.8 49.9 74.9



#8
 Diethyl Ether
 Concen: 35.899 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Tgt Ion: 74 Resp: 35255
 Ion Ratio Lower Upper
 74 100
 45 97.5 19.0 171.0

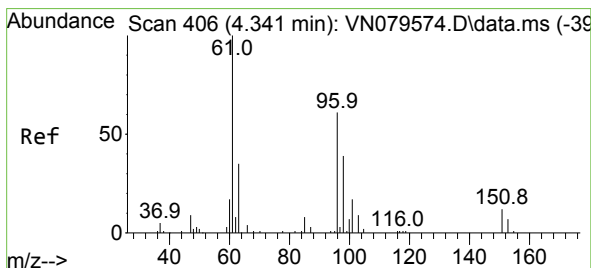
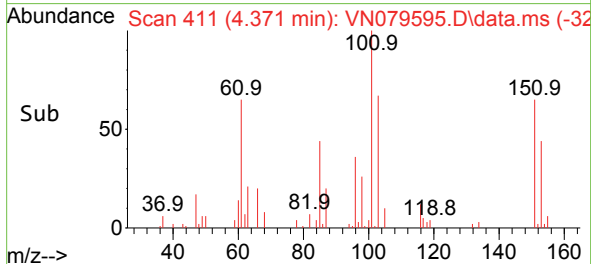
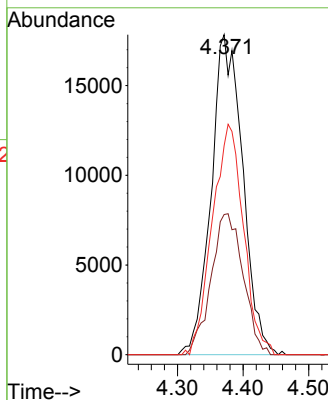
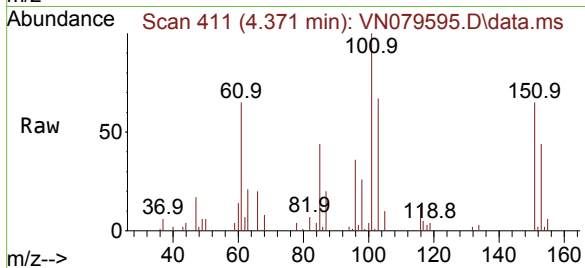




#9
1,1,2-Trichlorotrifluoroethane
Concen: 38.361 ug/l
RT: 4.371 min Scan# 413
Delta R.T. -0.012 min
Lab File: VN079595.D
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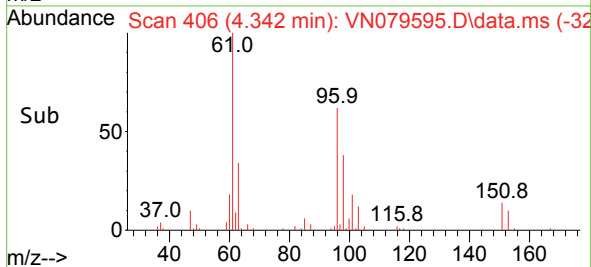
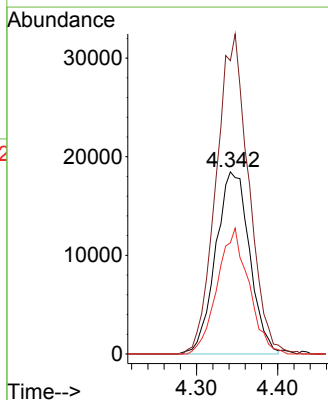
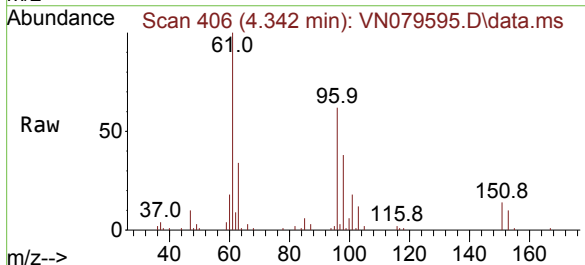
Instrument :
MSVOA_N
ClientSampleId :

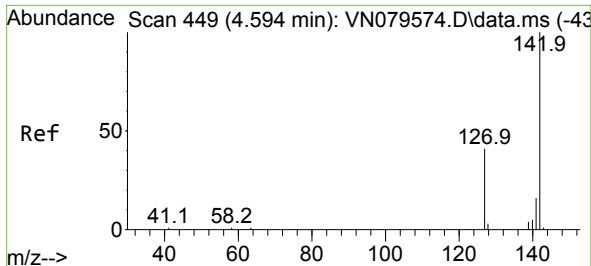
Tgt Ion:101 Resp: 59471
Ion Ratio Lower Upper
101 100
85 45.0 0.0 92.0
151 71.0 0.0 138.4



#10
1,1-Dichloroethene
Concen: 36.333 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

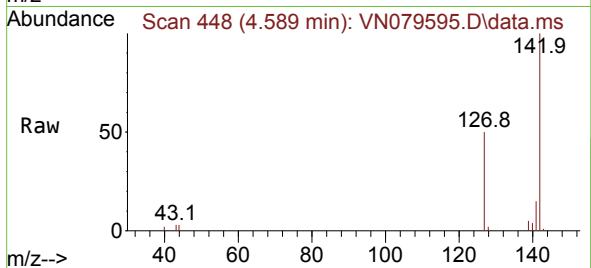
Tgt Ion: 96 Resp: 53592
Ion Ratio Lower Upper
96 100
61 161.0 141.3 211.9
98 61.1 53.2 79.8



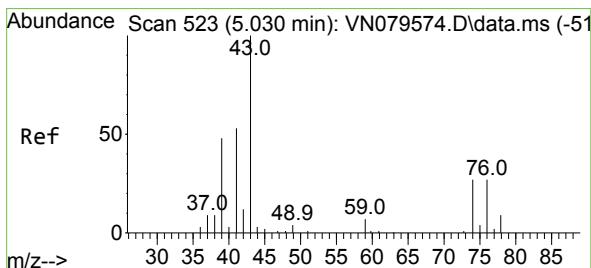
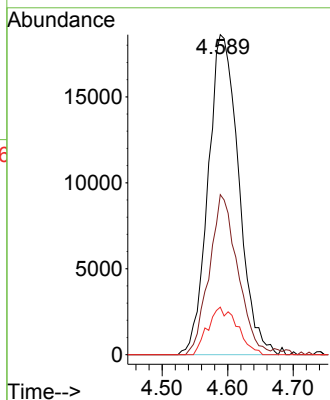
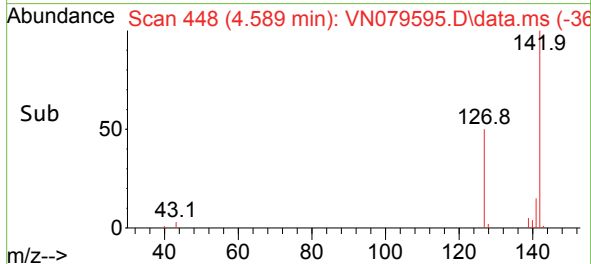


#11
Methyl Iodide
Concen: 36.850 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Instrument :
MSVOA_N
ClientSampleId :

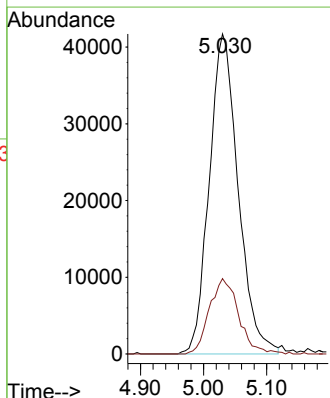
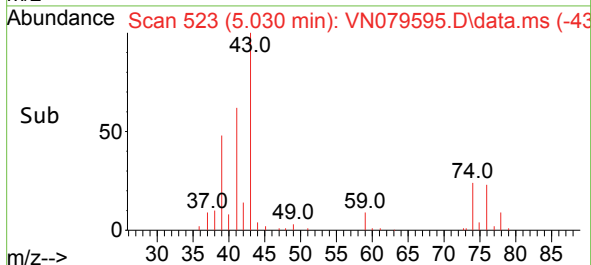
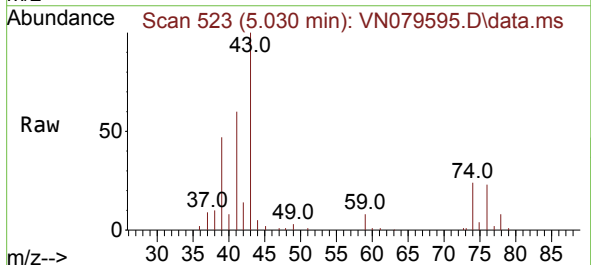


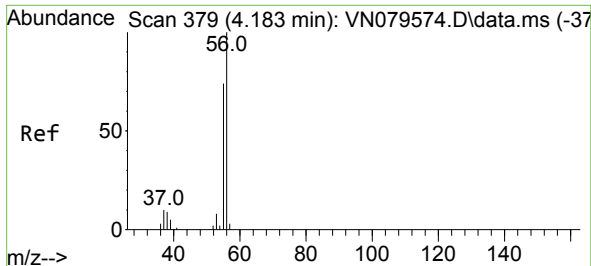
Tgt Ion:142 Resp: 60180
Ion Ratio Lower Upper
142 100
127 49.3 24.6 73.8
141 14.8 7.7 23.1



#12
Methyl Acetate
Concen: 37.354 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Tgt Ion: 43 Resp: 132825
Ion Ratio Lower Upper
43 100
74 23.5 18.1 27.1





#13

Acrolein

Concen: 0.891 ug/l

RT: 4.318 min Scan# 402

Delta R.T. 0.135 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

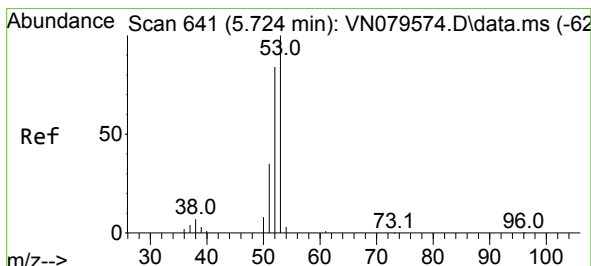
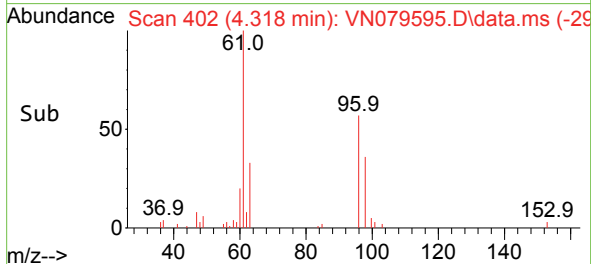
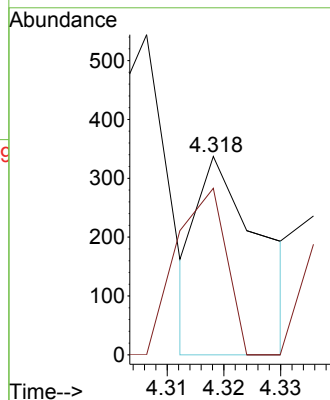
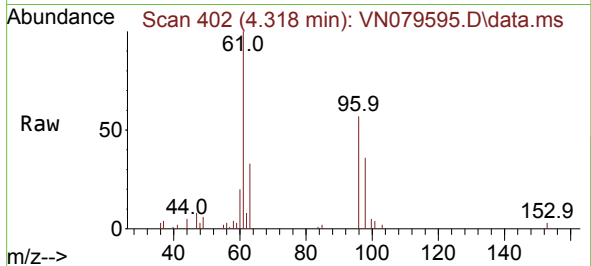
ClientSampleId :

Tgt Ion: 56 Resp: 262

Ion Ratio Lower Upper

56 100

55 66.4 57.1 85.7



#14

Acrylonitrile

Concen: 184.113 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

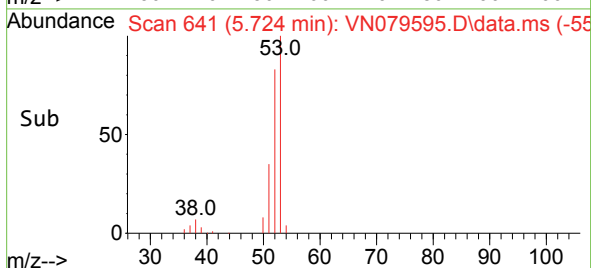
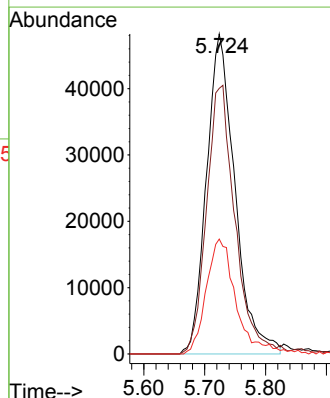
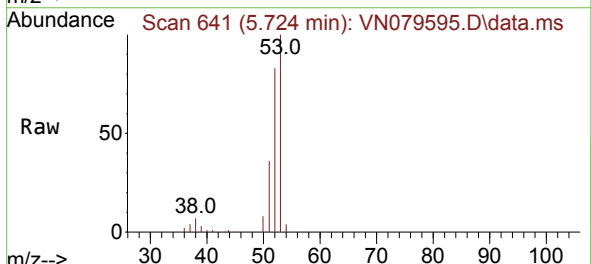
Tgt Ion: 53 Resp: 156779

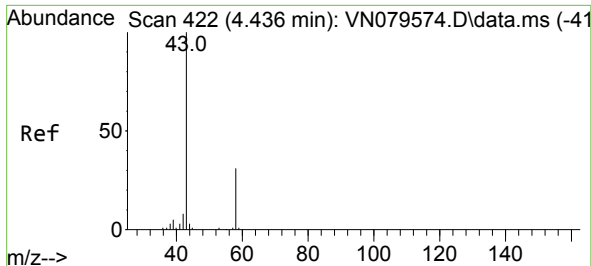
Ion Ratio Lower Upper

53 100

52 83.4 41.6 124.9

51 34.8 17.8 53.3





#15

Acetone

Concen: 188.592 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

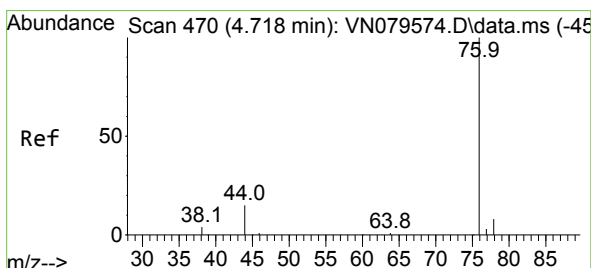
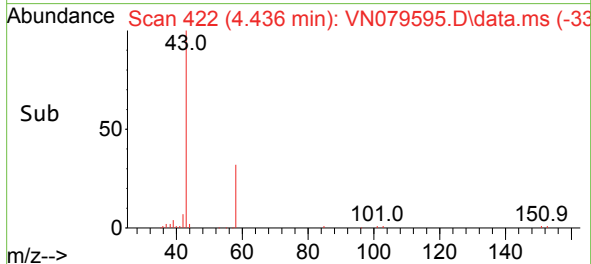
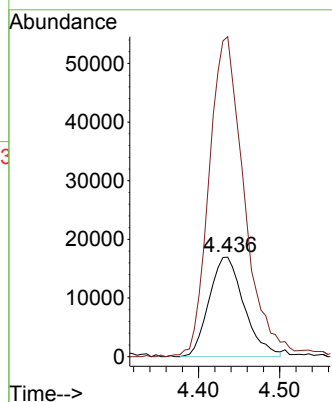
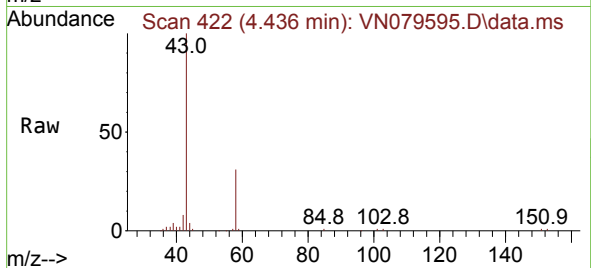
ClientSampleId :

Tgt Ion: 58 Resp: 50873

Ion Ratio Lower Upper

58 100

43 319.8 225.2 337.8



#16

Carbon Disulfide

Concen: 35.380 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.000 min

Lab File: VN079595.D

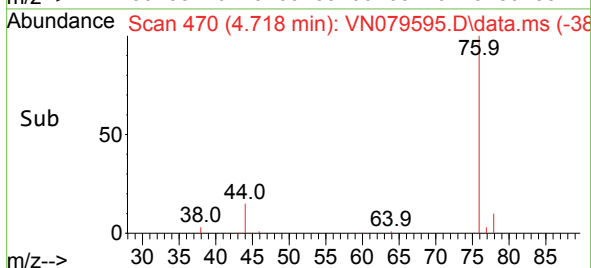
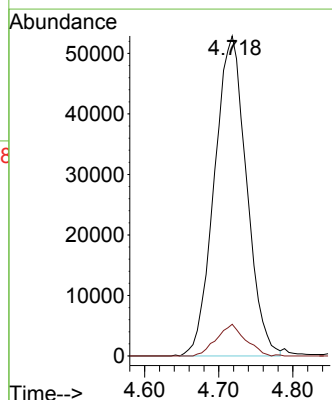
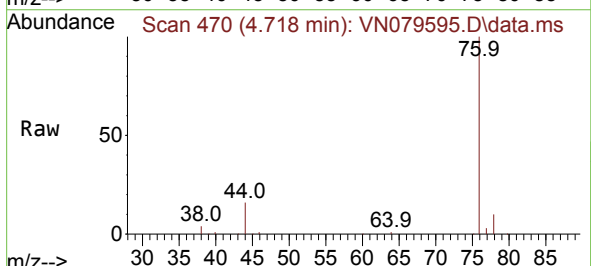
Acq: 18 Oct 2023 11:47

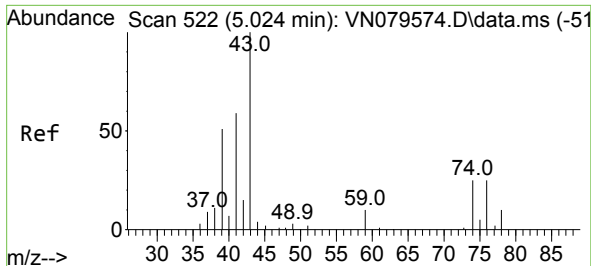
Tgt Ion: 76 Resp: 159128

Ion Ratio Lower Upper

76 100

78 9.9 7.5 11.3

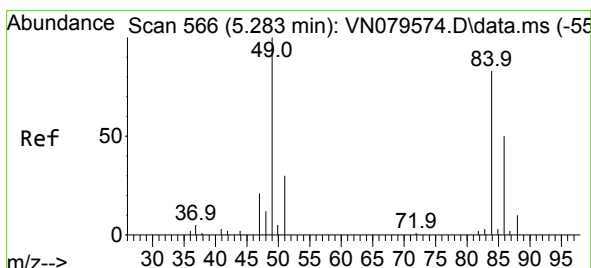
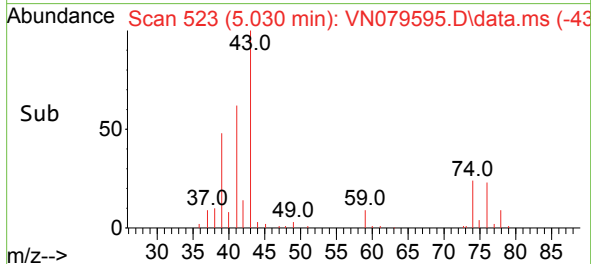
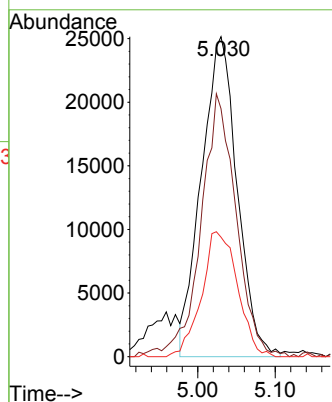
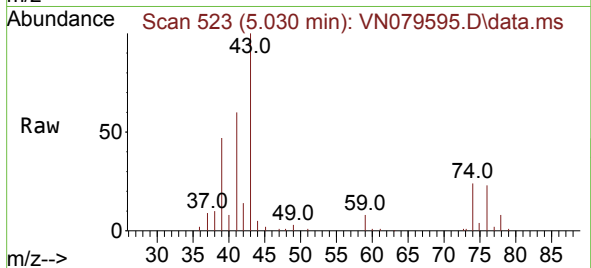




#17
 Allyl chloride
 Concen: 35.470 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

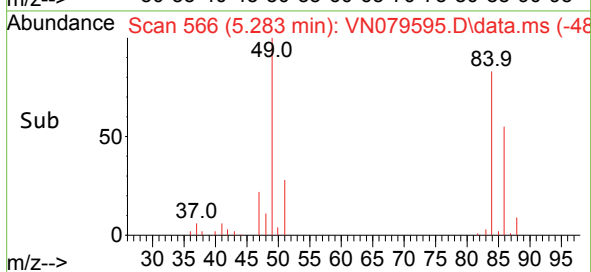
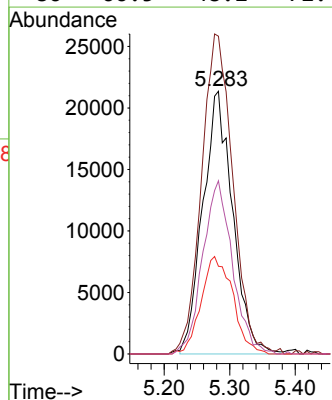
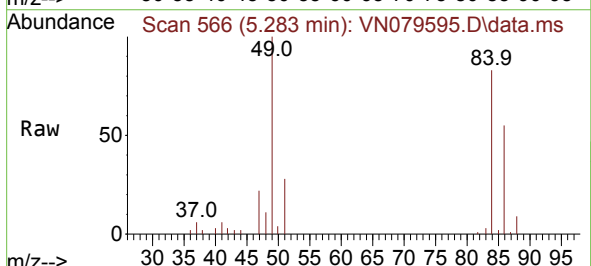
Instrument :
 MSVOA_N
 ClientSampleId :

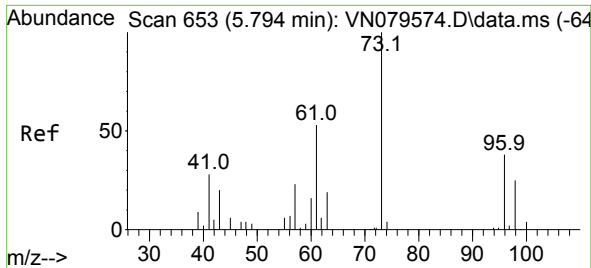
Tgt Ion: 41 Resp: 80664
 Ion Ratio Lower Upper
 41 100
 39 77.3 38.4 115.2
 76 37.8 19.5 58.5



#18
 Methylene Chloride
 Concen: 37.180 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

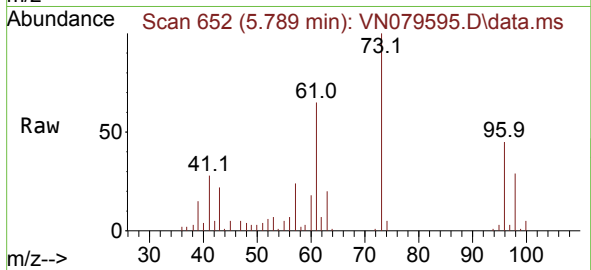
Tgt Ion: 84 Resp: 67501
 Ion Ratio Lower Upper
 84 100
 49 119.8 100.9 151.3
 51 33.7 29.4 44.2
 86 66.5 48.2 72.4



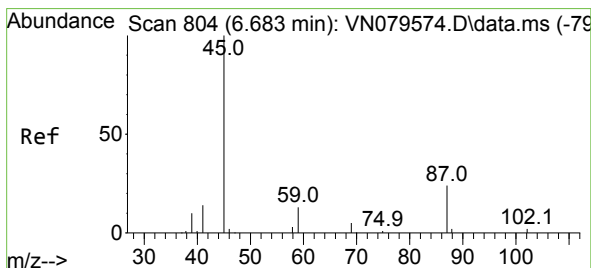
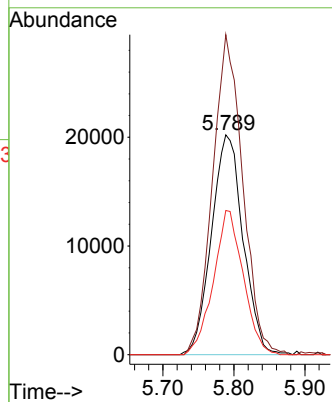
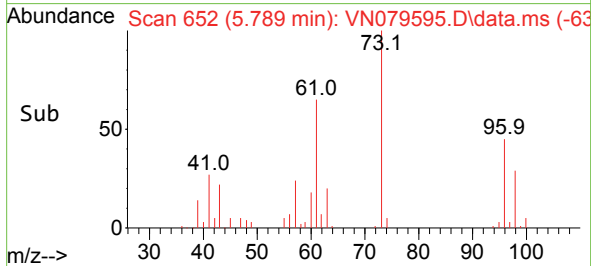


#19
trans-1,2-Dichloroethene
Concen: 37.827 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Instrument :
MSVOA_N
ClientSampleId :

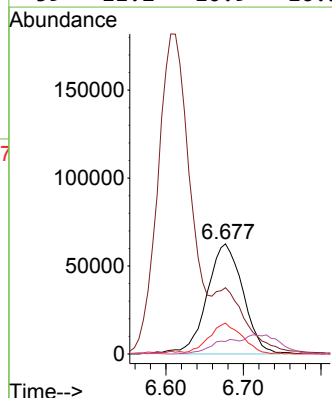
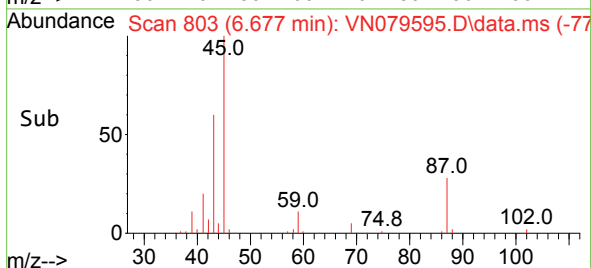
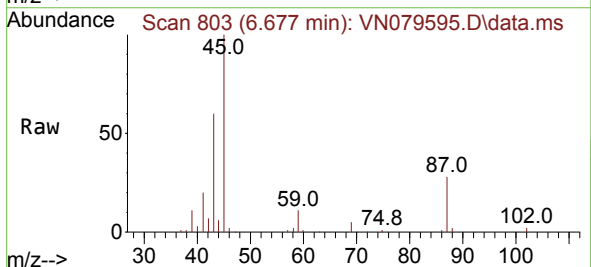


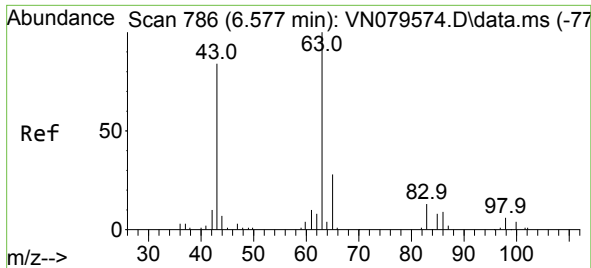
Tgt Ion: 96 Resp: 62420
Ion Ratio Lower Upper
96 100
61 145.6 113.4 170.0
98 65.6 50.4 75.6



#20
Diisopropyl ether
Concen: 36.916 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Tgt Ion: 45 Resp: 199062
Ion Ratio Lower Upper
45 100
43 56.2 42.1 63.1
87 28.0 20.5 30.7
59 11.2 10.9 16.3

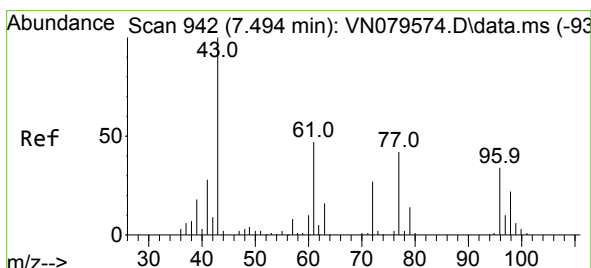
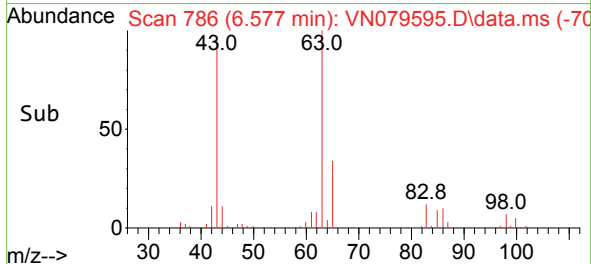
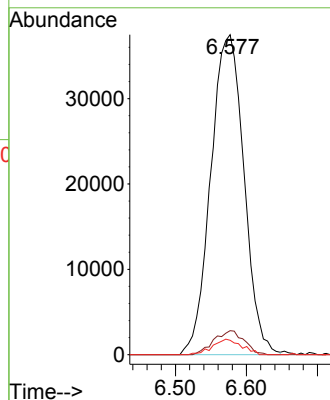
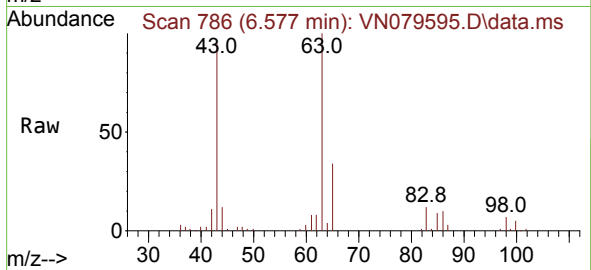




#21
1,1-Dichloroethane
Concen: 37.143 ug/l
RT: 6.577 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

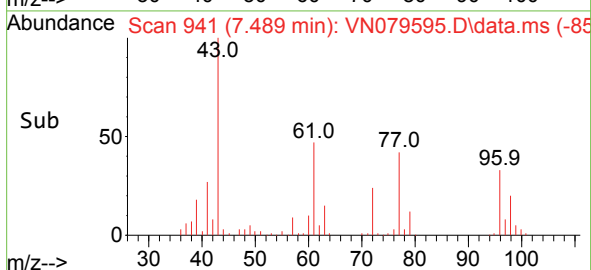
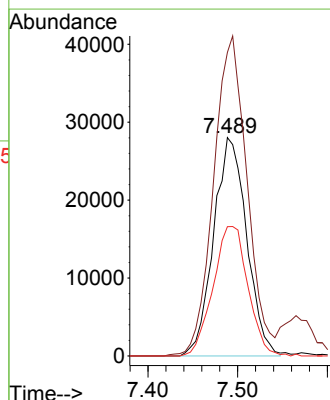
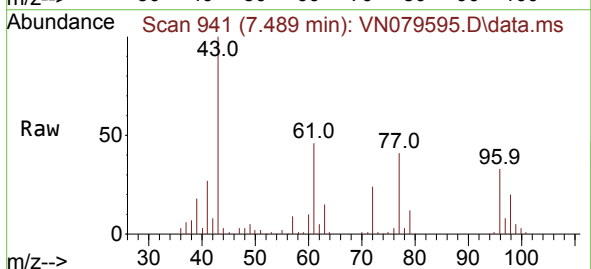
Instrument :
MSVOA_N
ClientSampleId :

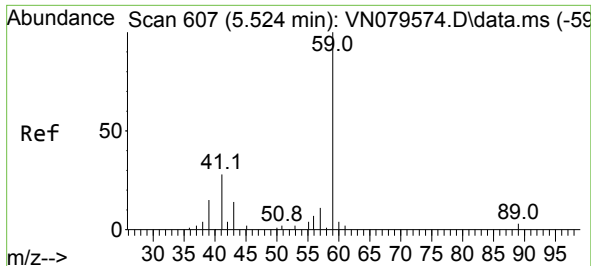
Tgt Ion: 63 Resp: 121709
Ion Ratio Lower Upper
63 100
98 7.5 2.8 8.4
100 4.5 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 37.742 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Tgt Ion: 96 Resp: 71734
Ion Ratio Lower Upper
96 100
61 148.3 124.6 186.8
98 62.3 54.2 81.4

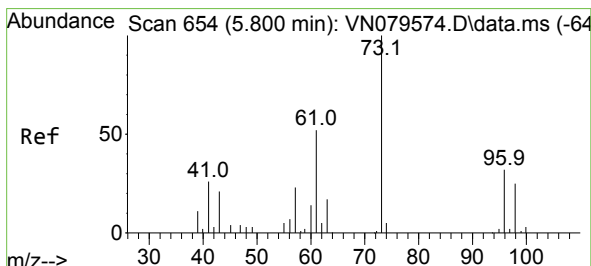
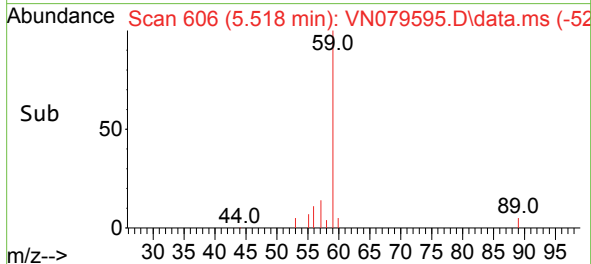
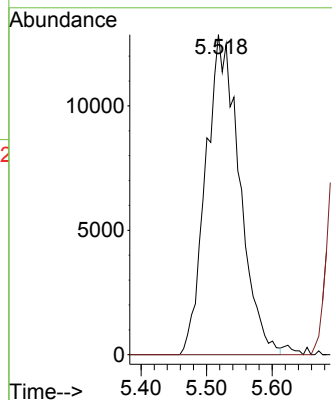
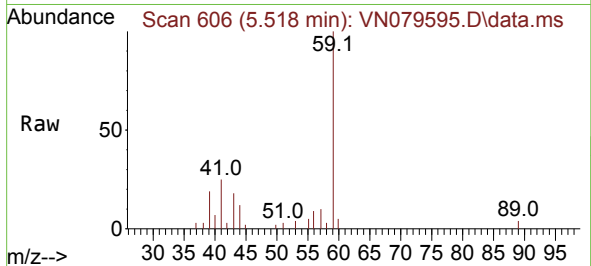




#23
tert-Butyl Alcohol
Concen: 161.655 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

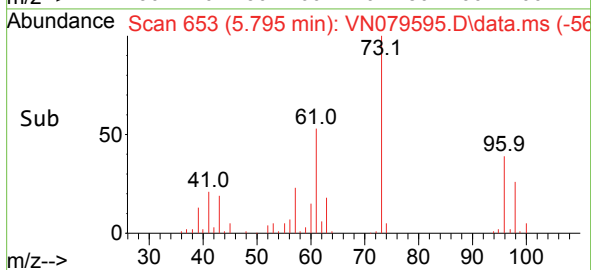
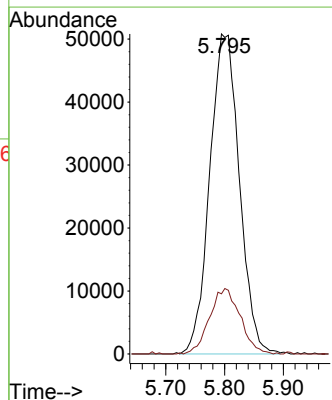
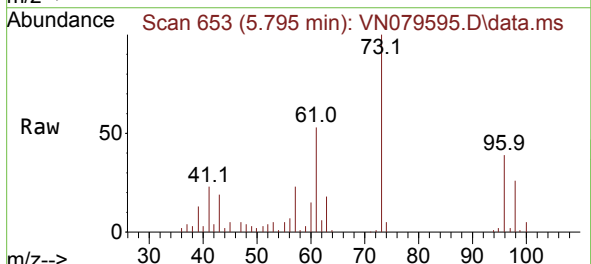
Instrument :
MSVOA_N
ClientSampleId :

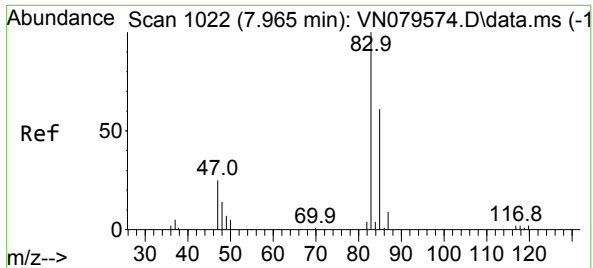
Tgt Ion: 59 Resp: 46031
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 35.972 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Tgt Ion: 73 Resp: 178028
Ion Ratio Lower Upper
73 100
43 21.1 16.6 24.8

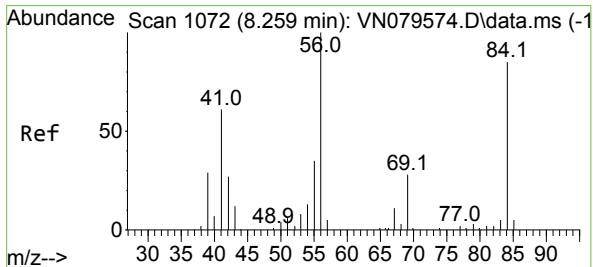
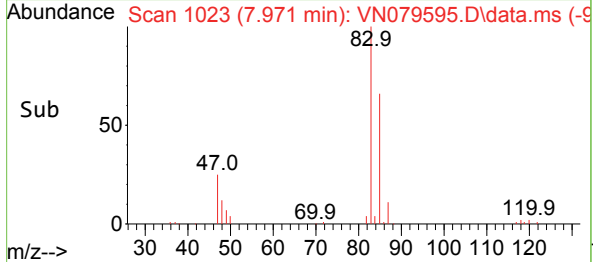
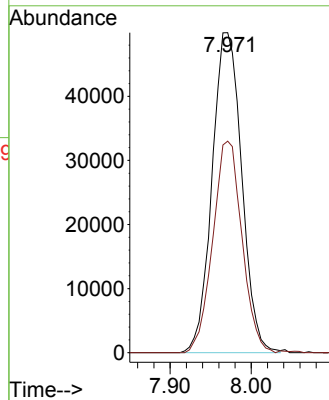
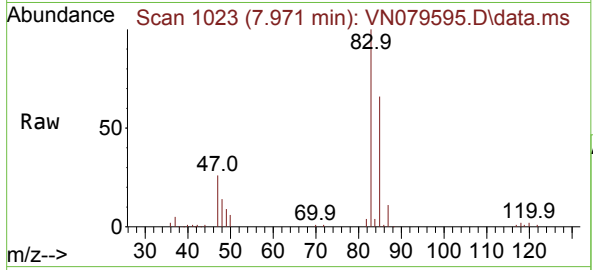




#25
Chloroform
Concen: 38.241 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

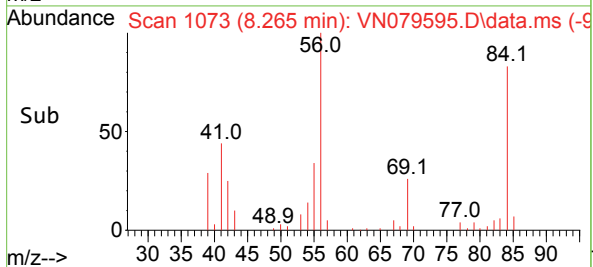
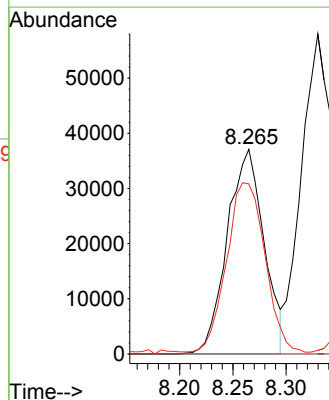
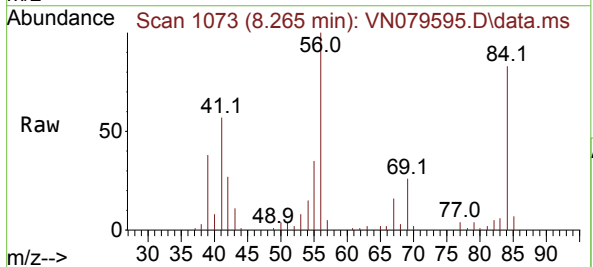
Instrument :
MSVOA_N
ClientSampleId :

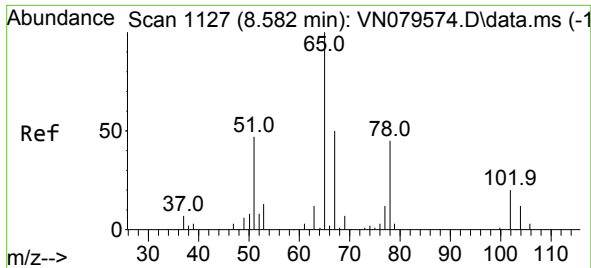
Tgt Ion: 83 Resp: 126614
Ion Ratio Lower Upper
83 100
85 66.1 47.4 71.2



#26
Cyclohexane
Concen: 36.053 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Tgt Ion: 56 Resp: 89303
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.4 69.0 103.4





#27

1,2-Dichloroethane-d4

Concen: 55.032 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

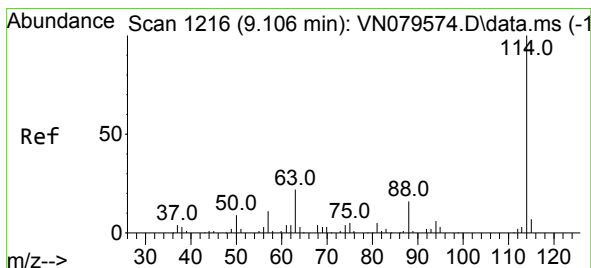
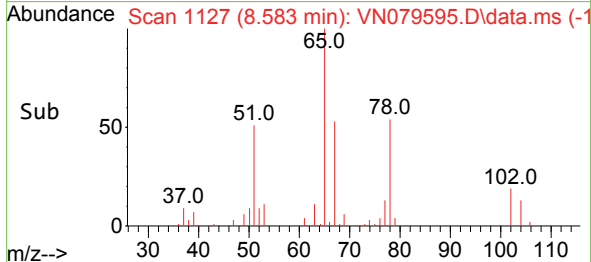
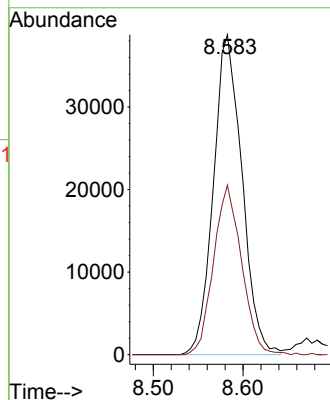
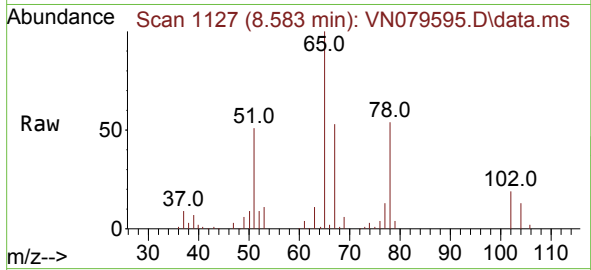
ClientSampleId :

Tgt Ion: 65 Resp: 85653

Ion Ratio Lower Upper

65 100

67 52.0 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

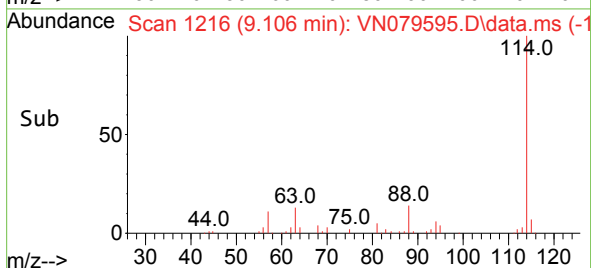
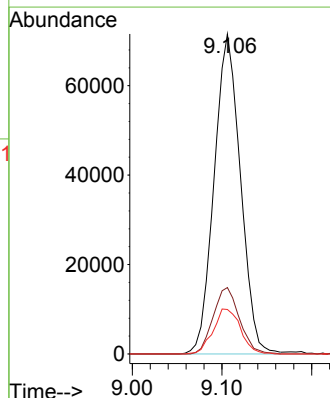
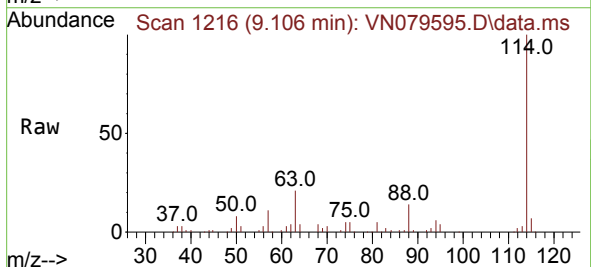
Tgt Ion: 114 Resp: 145700

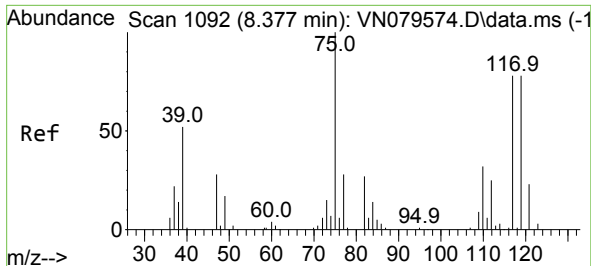
Ion Ratio Lower Upper

114 100

63 20.7 18.1 27.1

88 14.6 12.2 18.2





#29

1,1-Dichloropropene

Concen: 21.331 ug/l

RT: 8.377 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

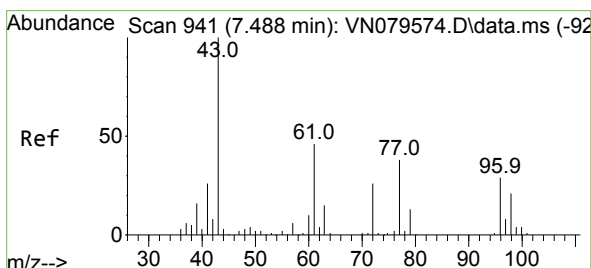
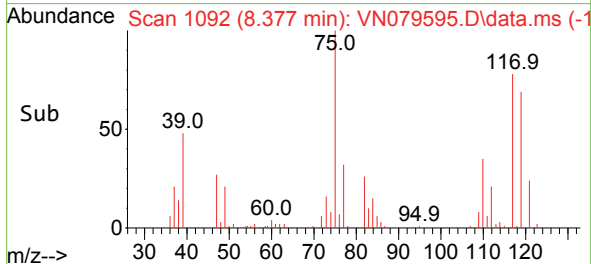
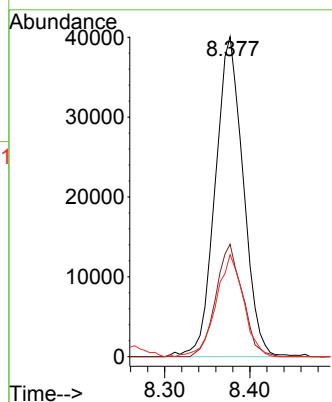
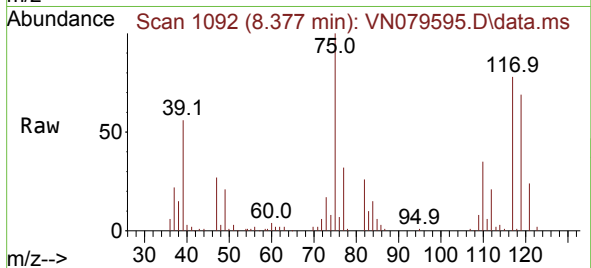
Tgt Ion: 75 Resp: 90823

Ion Ratio Lower Upper

75 100

110 33.6 0.0 66.8

77 31.4 0.0 61.2



#30

2-Butanone

Concen: 101.526 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

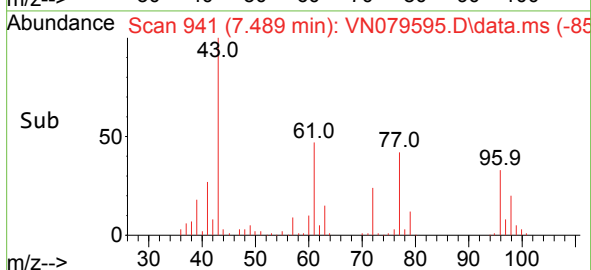
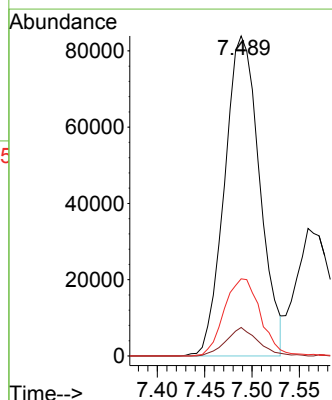
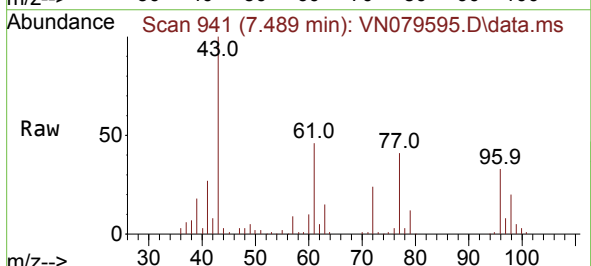
Tgt Ion: 43 Resp: 216687

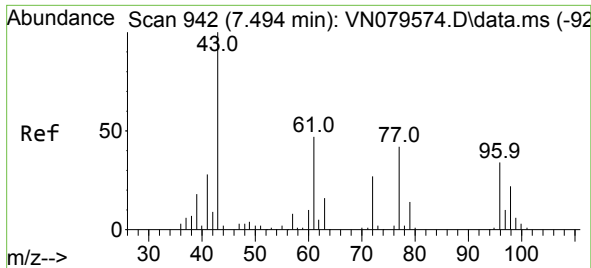
Ion Ratio Lower Upper

43 100

57 8.1 6.4 9.6

72 25.2 20.7 31.1

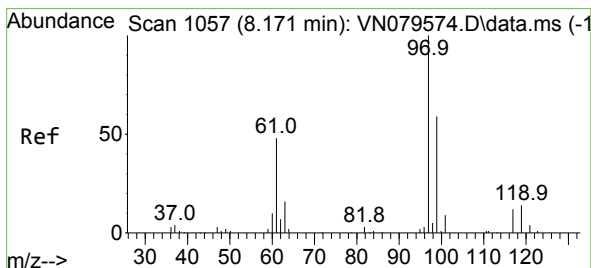
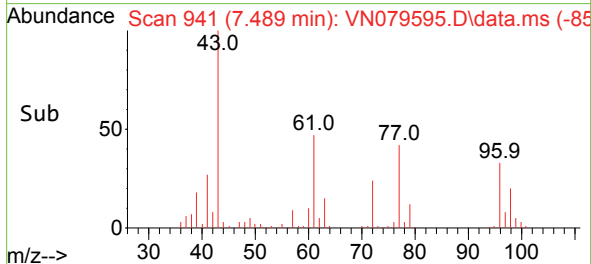
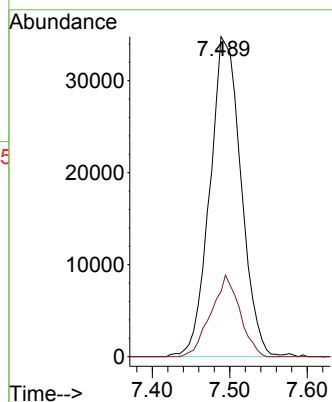
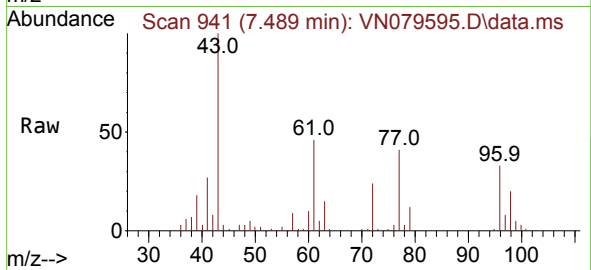




#31
2,2-Dichloropropane
Concen: 20.177 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

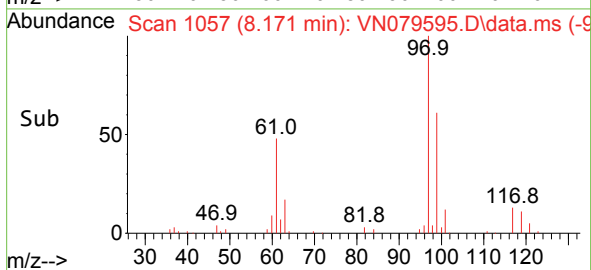
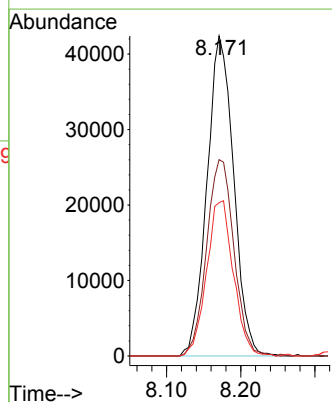
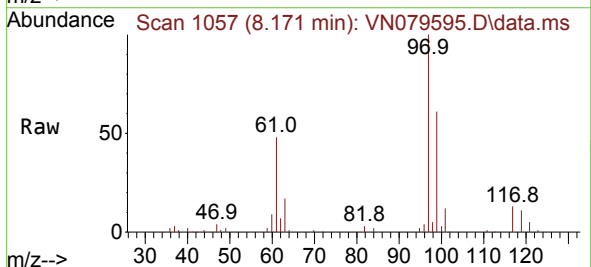
Instrument :
MSVOA_N
ClientSampleId :

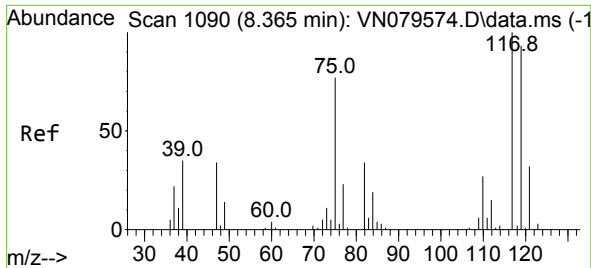
Tgt Ion: 77 Resp: 96866
Ion Ratio Lower Upper
77 100
97 23.6 17.9 26.9



#32
1,1,1-Trichloroethane
Concen: 20.996 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

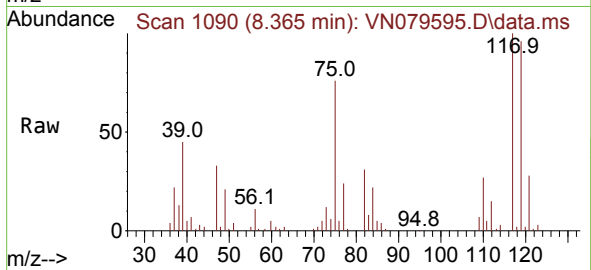
Tgt Ion: 97 Resp: 106258
Ion Ratio Lower Upper
97 100
99 62.9 51.9 77.9
61 48.6 37.6 56.4



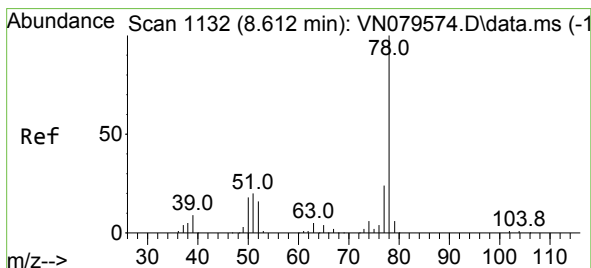
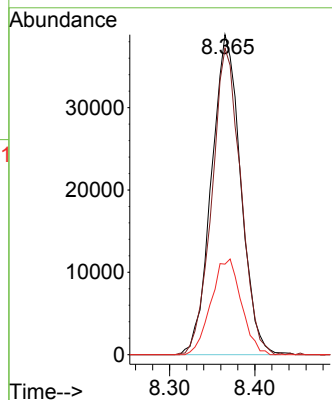
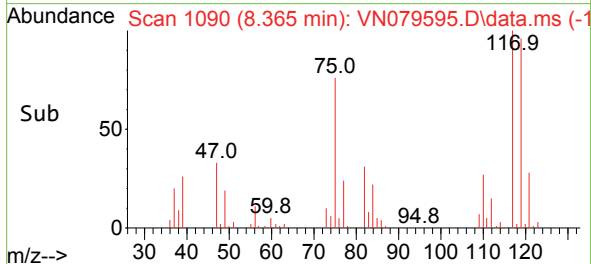


#33
Carbon Tetrachloride
Concen: 21.501 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Instrument :
MSVOA_N
ClientSampleId :

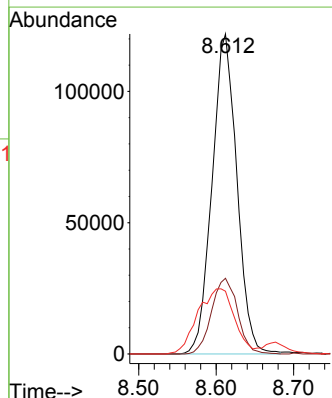
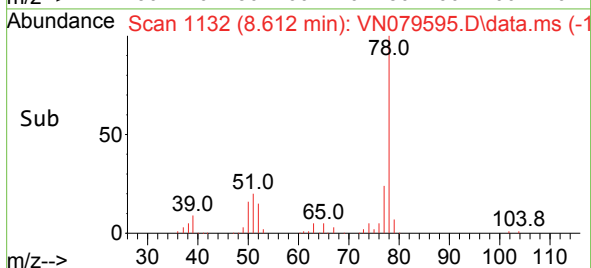
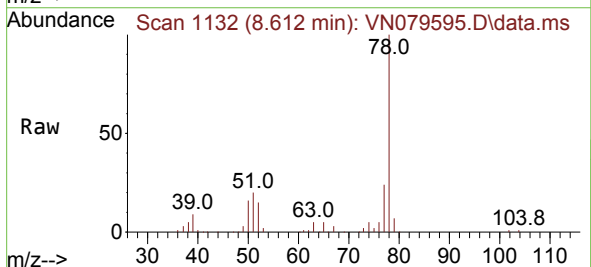


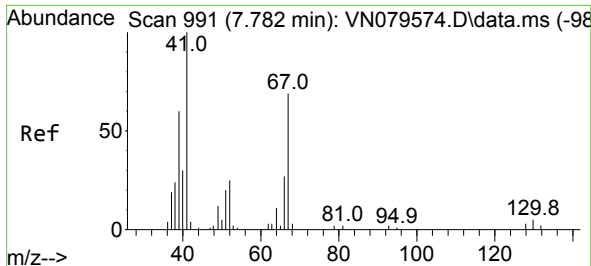
Tgt Ion:117 Resp: 92542
Ion Ratio Lower Upper
117 100
119 95.3 75.0 112.6
121 28.3 24.3 36.5



#34
Benzene
Concen: 21.006 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Tgt Ion: 78 Resp: 271745
Ion Ratio Lower Upper
78 100
77 23.6 19.7 29.5
51 17.9 15.8 23.6



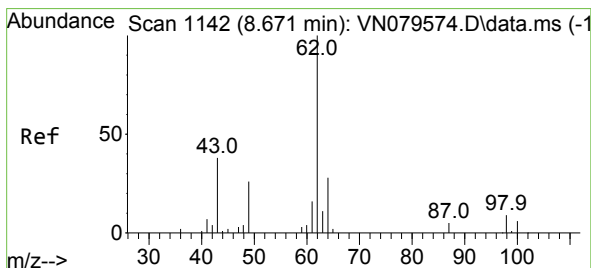
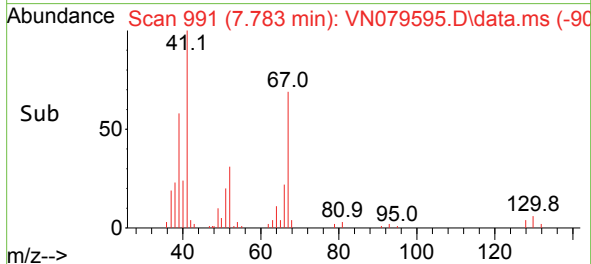
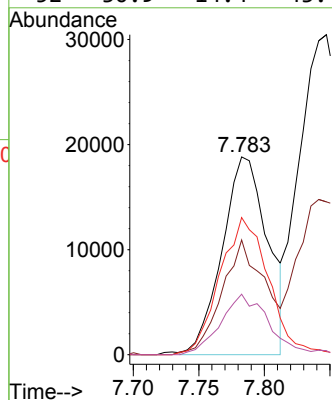
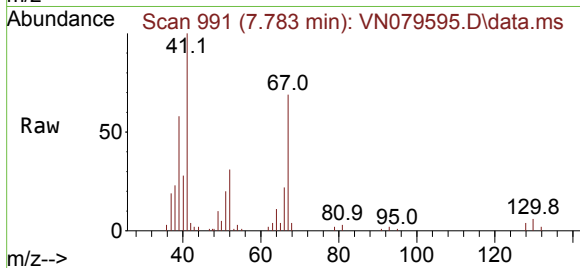


#35
Methacrylonitrile
Concen: 20.271 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 45512

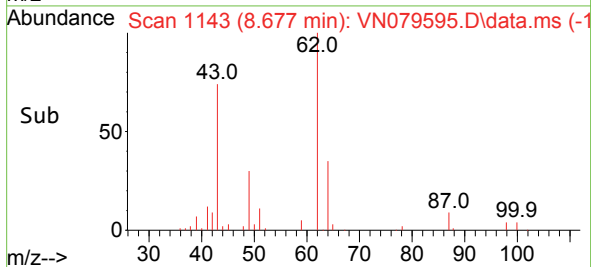
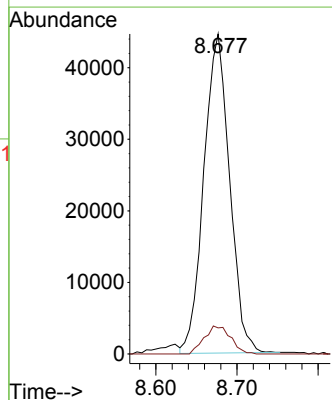
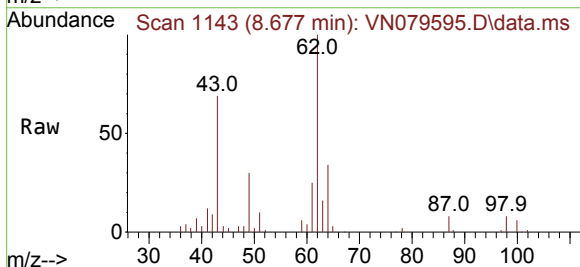
Ion	Ratio	Lower	Upper
41	100		
39	57.1	26.3	78.8
67	68.9	37.5	112.3
52	30.9	14.4	43.4

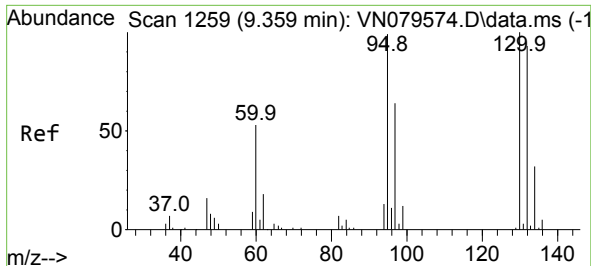


#36
1,2-Dichloroethane
Concen: 21.279 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Tgt Ion: 62 Resp: 98286

Ion	Ratio	Lower	Upper
62	100		
98	9.0	7.2	10.8

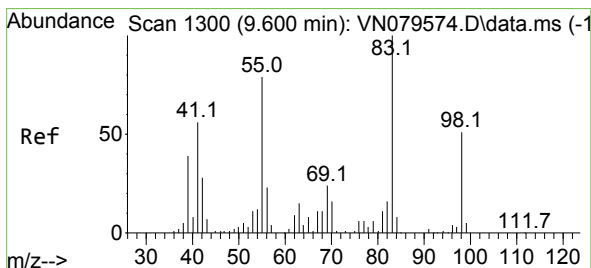
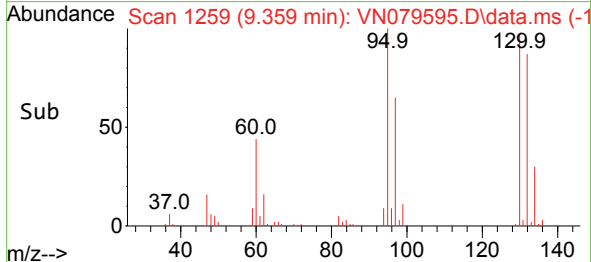
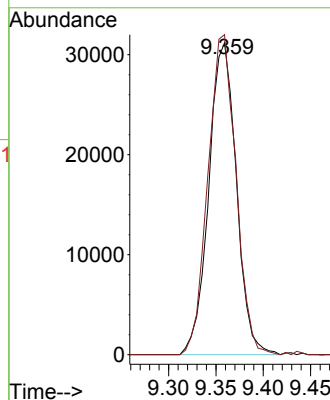
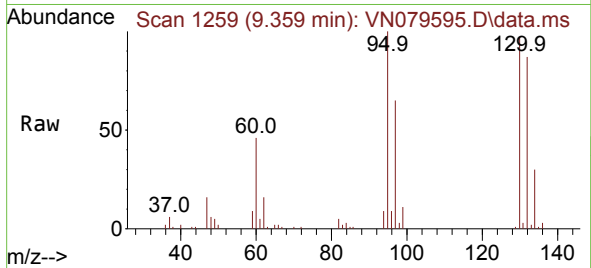




#37
Trichloroethene
Concen: 20.876 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

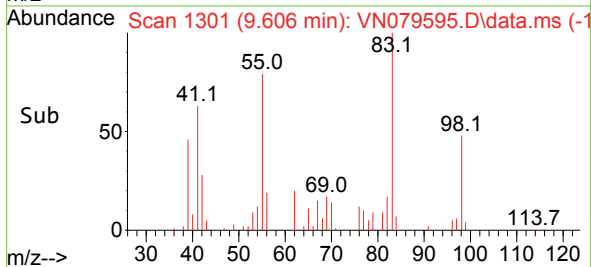
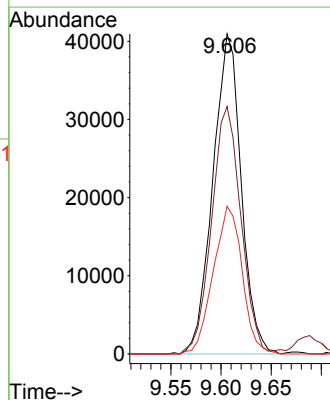
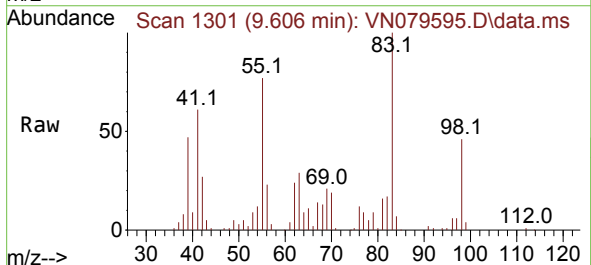
Instrument :
MSVOA_N
ClientSampleId :

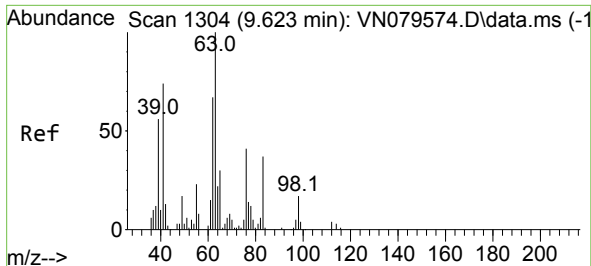
Tgt Ion:130 Resp: 63126
Ion Ratio Lower Upper
130 100
95 102.6 81.2 121.8



#38
Methylcyclohexane
Concen: 19.602 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Tgt Ion: 83 Resp: 80357
Ion Ratio Lower Upper
83 100
55 80.0 39.7 119.1
98 47.1 24.4 73.2





#39

1,2-Dichloropropane

Concen: 21.039 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

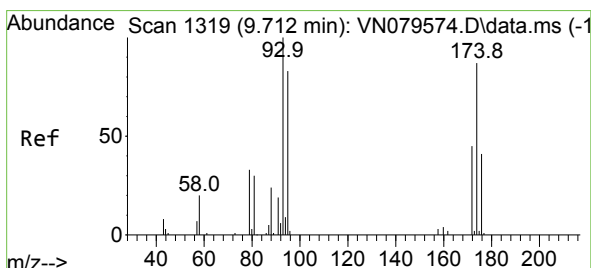
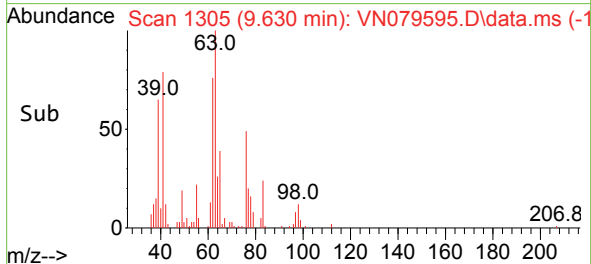
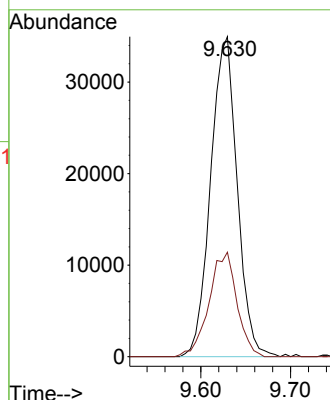
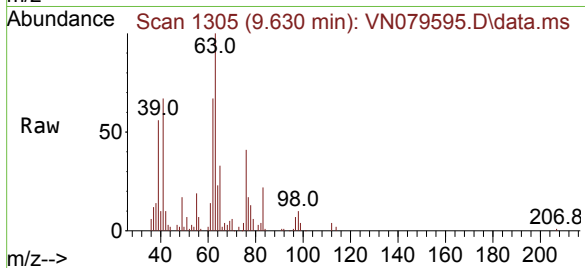
ClientSampleId :

Tgt Ion: 63 Resp: 71825

Ion Ratio Lower Upper

63 100

65 32.7 25.3 37.9



#40

Dibromomethane

Concen: 21.008 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

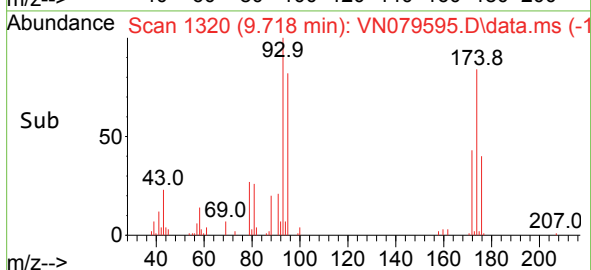
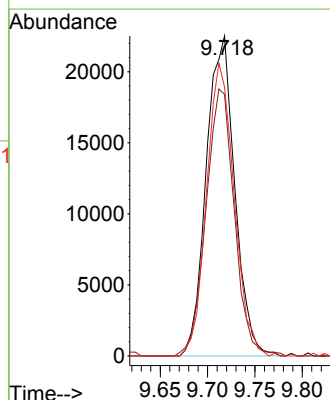
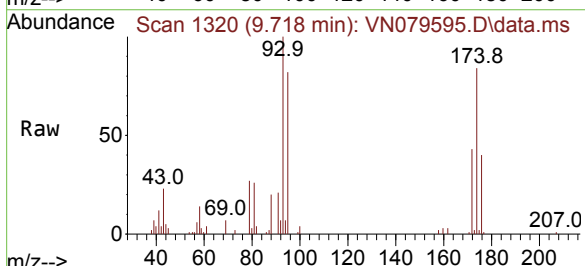
Tgt Ion: 93 Resp: 47067

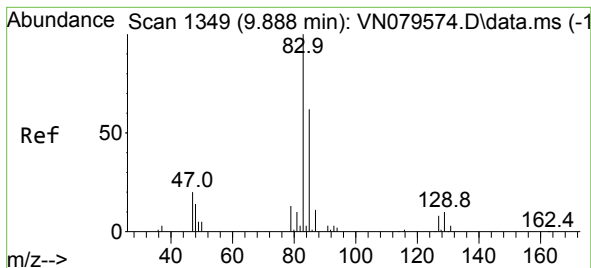
Ion Ratio Lower Upper

93 100

95 82.9 0.0 166.6

174 88.5 0.0 171.0





#41

Bromodichloromethane

Concen: 20.892 ug/l

RT: 9.894 min Scan# 11

Delta R.T. 0.006 min

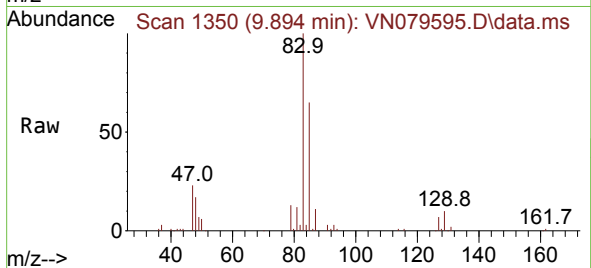
Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :



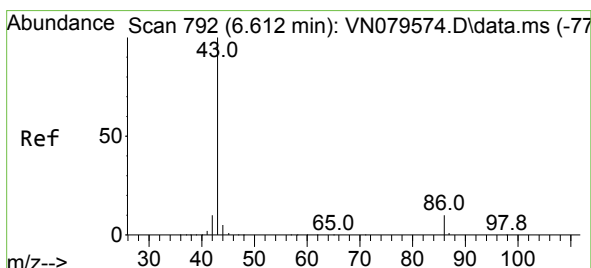
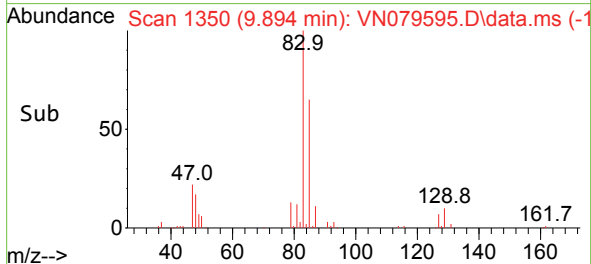
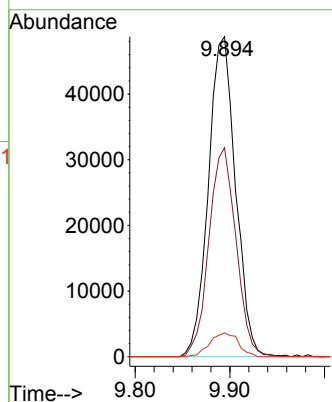
Tgt Ion: 83 Resp: 97003

Ion Ratio Lower Upper

83 100

85 65.3 50.3 75.5

127 7.4 6.8 10.2



#42

Vinyl Acetate

Concen: 99.501 ug/l

RT: 6.606 min Scan# 791

Delta R.T. -0.006 min

Lab File: VN079595.D

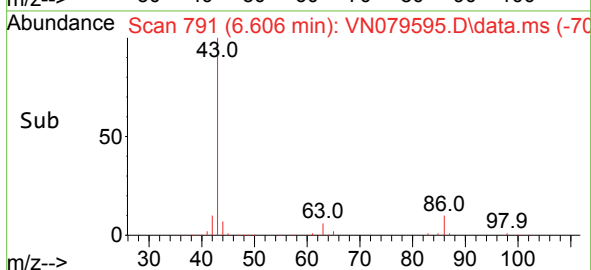
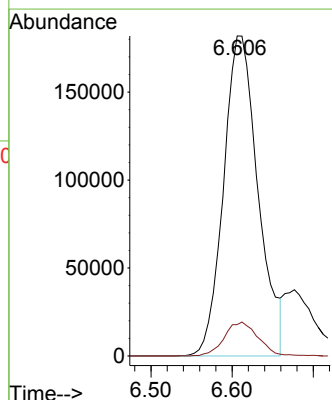
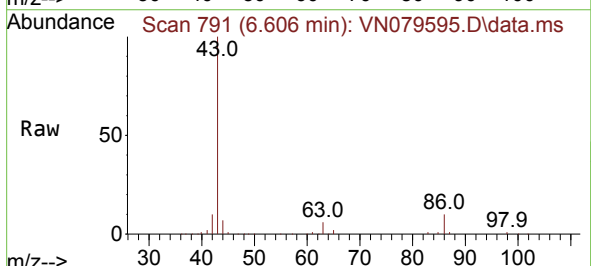
Acq: 18 Oct 2023 11:47

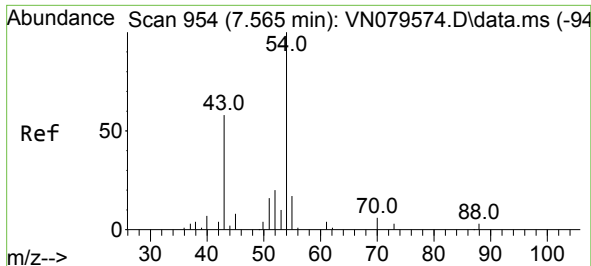
Tgt Ion: 43 Resp: 538710

Ion Ratio Lower Upper

43 100

86 10.4 8.2 12.2

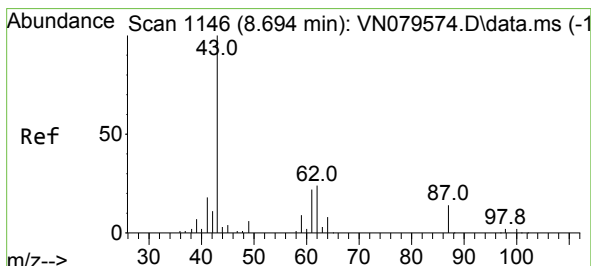
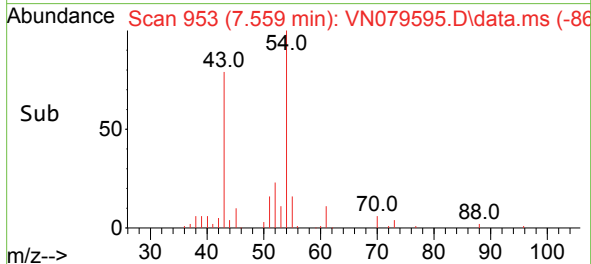
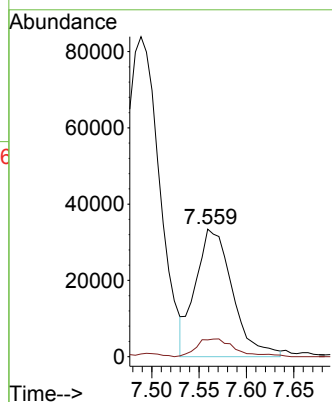
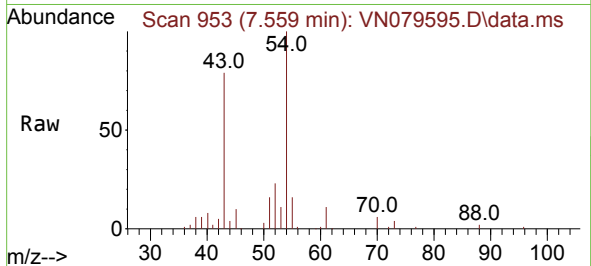




#43
Ethyl Acetate
Concen: 22.623 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

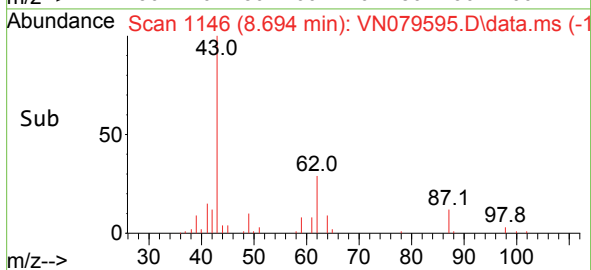
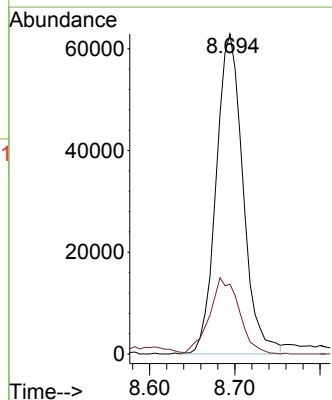
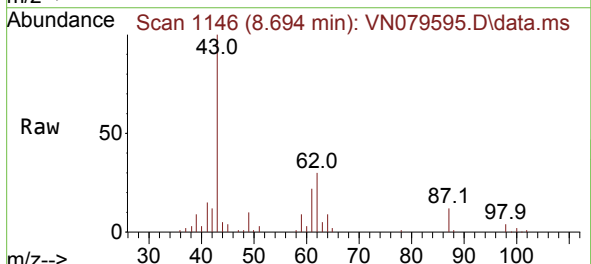
Instrument :
MSVOA_N
ClientSampleId :

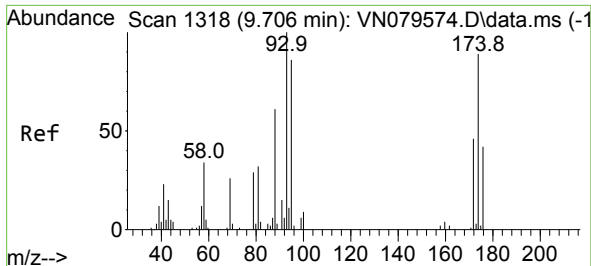
Tgt Ion: 43 Resp: 90794
Ion Ratio Lower Upper
43 100
45 5.3 11.8 17.8#



#44
Isopropyl Acetate
Concen: 19.294 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

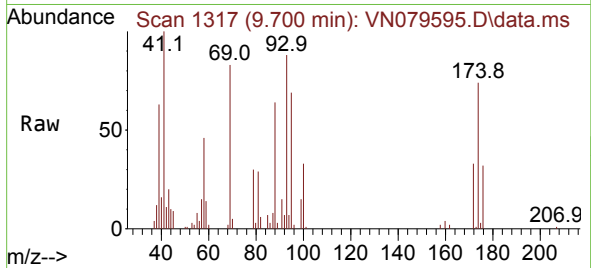
Tgt Ion: 43 Resp: 137651
Ion Ratio Lower Upper
43 100
61 26.5 20.3 30.5



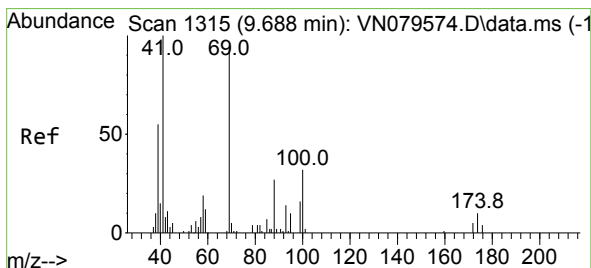
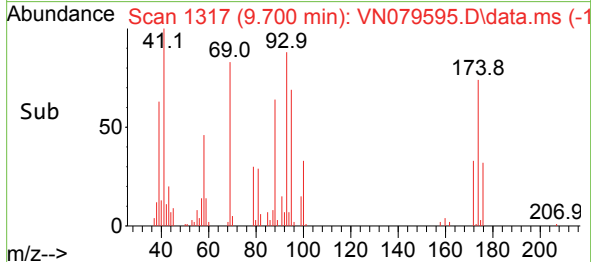
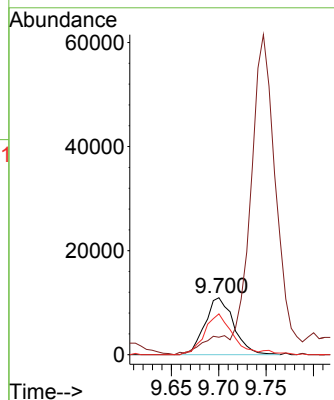


#45
1,4-Dioxane
Concen: 413.304 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Instrument :
MSVOA_N
ClientSampleId :

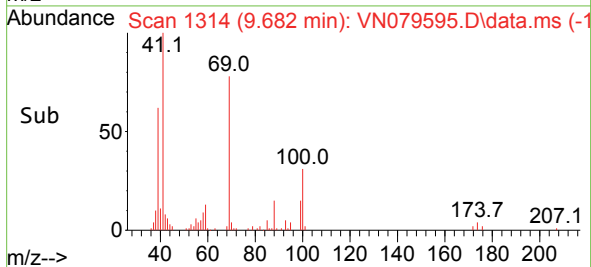
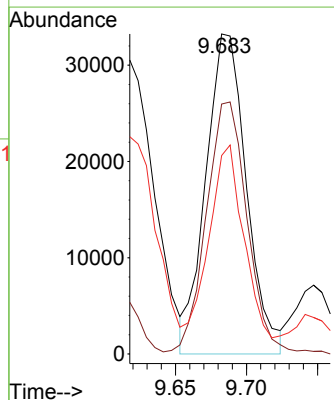
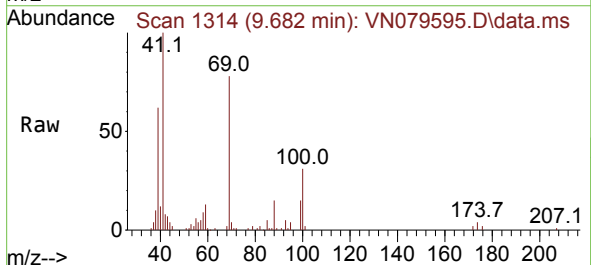


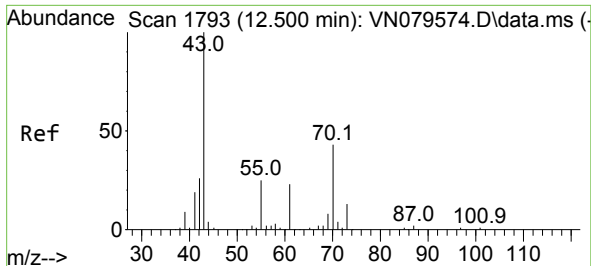
Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.9	28.7	43.1
58	68.9	56.9	85.3



#46
Methyl methacrylate
Concen: 20.891 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.3	40.0	119.9
39	60.8	31.1	93.3

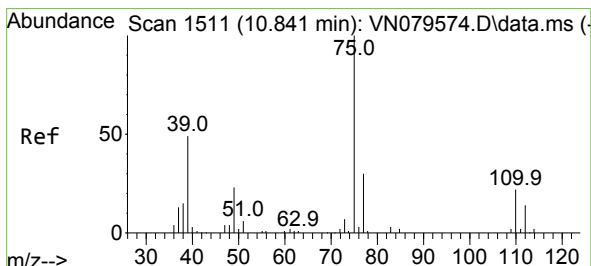
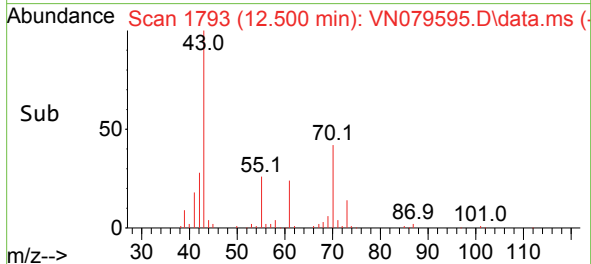
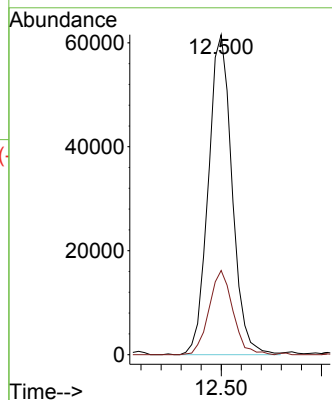
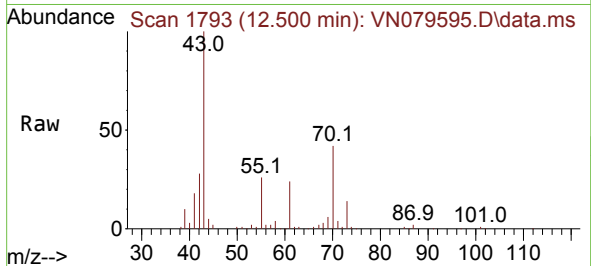




#47
n-amy1 Acetate
Concen: 19.687 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

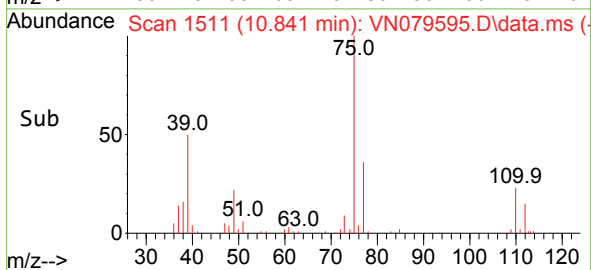
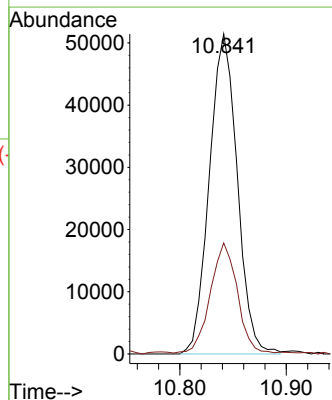
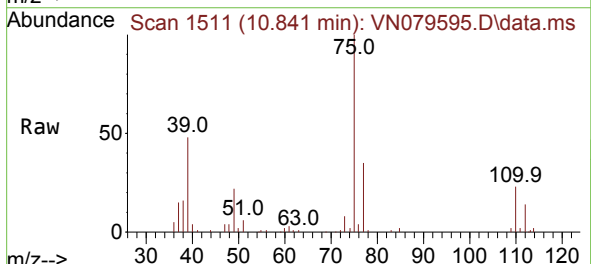
Instrument :
MSVOA_N
ClientSampleId :

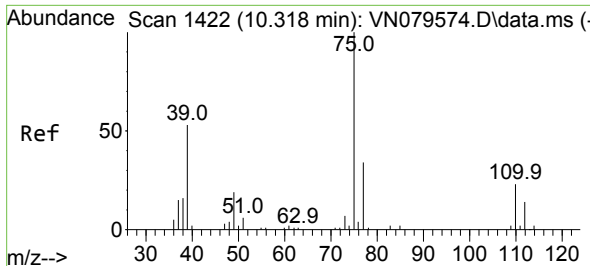
Tgt Ion: 43 Resp: 101368
Ion Ratio Lower Upper
43 100
55 26.4 20.7 31.1



#48
t-1,3-Dichloropropene
Concen: 19.963 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Tgt Ion: 75 Resp: 93701
Ion Ratio Lower Upper
75 100
77 34.2 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 20.679 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

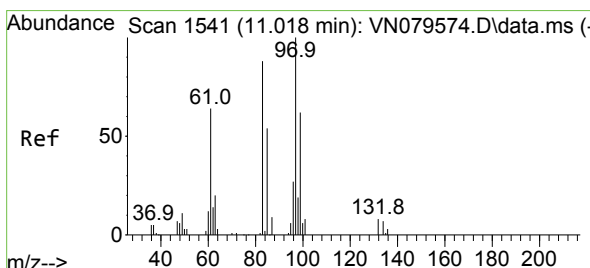
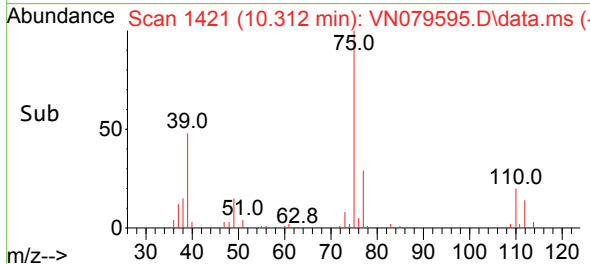
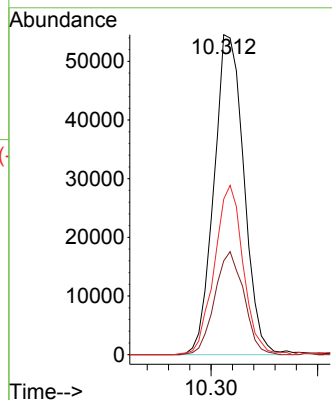
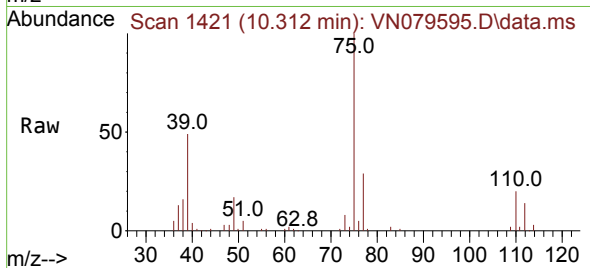
Tgt Ion: 75 Resp: 106137

Ion Ratio Lower Upper

75 100

77 29.3 25.8 38.6

39 48.3 42.4 63.6



#50

1,1,2-Trichloroethane

Concen: 21.382 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Tgt Ion: 97 Resp: 66458

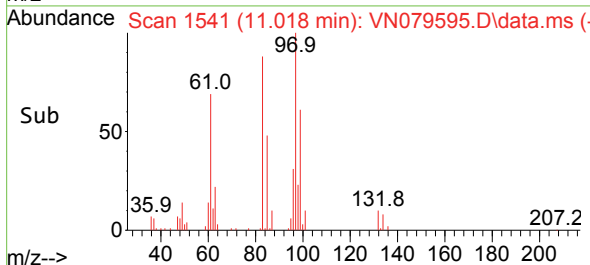
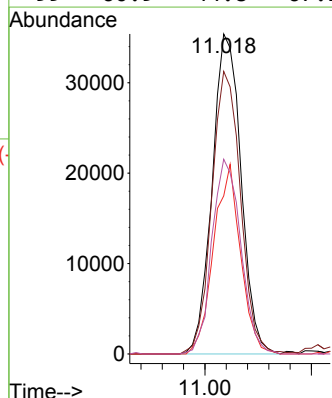
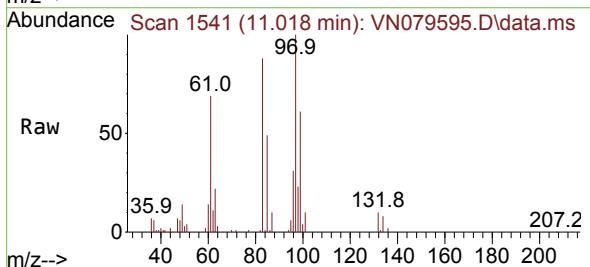
Ion Ratio Lower Upper

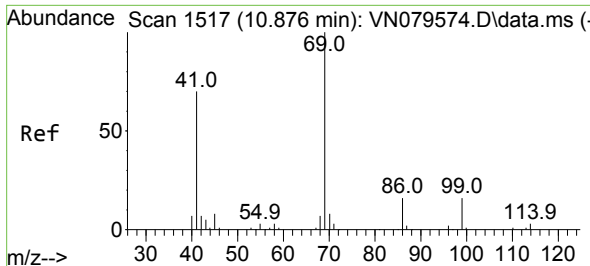
97 100

83 88.3 68.2 102.4

85 49.4 42.9 64.3

99 60.9 44.8 67.2

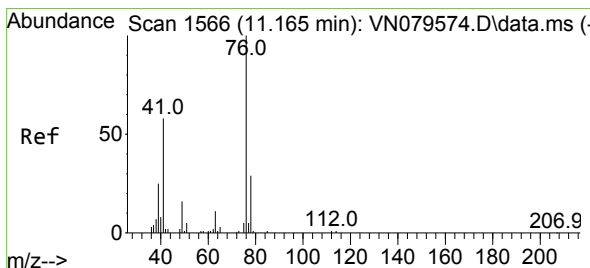
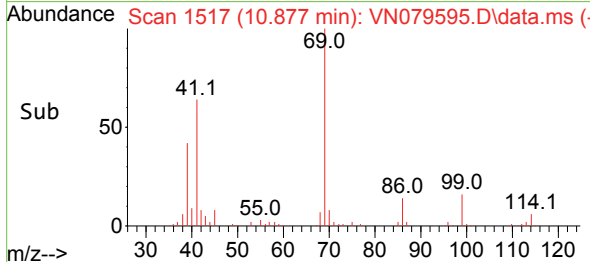
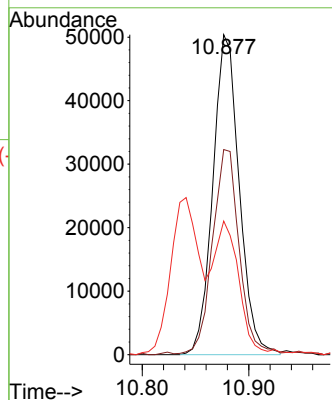
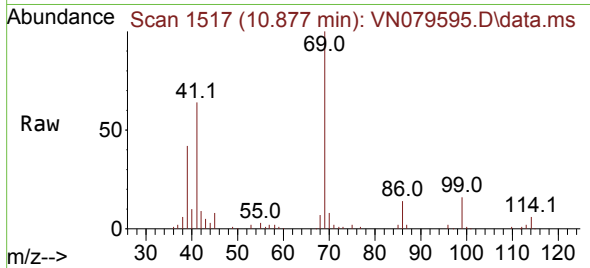




#51
Ethyl methacrylate
Concen: 20.192 ug/l
RT: 10.877 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

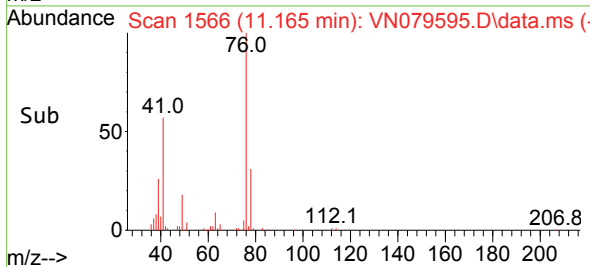
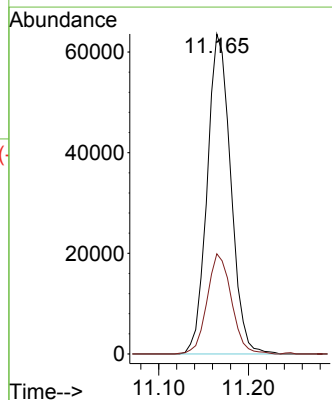
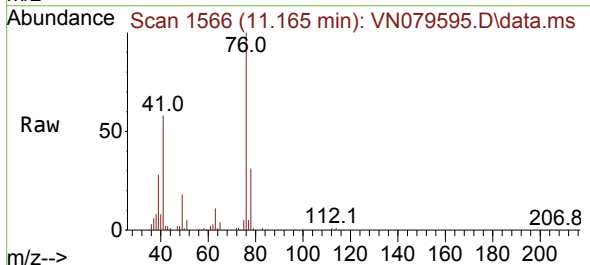
Instrument :
MSVOA_N
ClientSampleId :

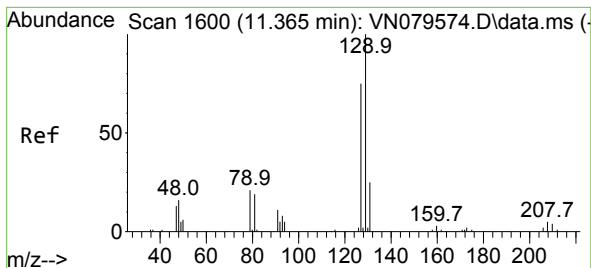
Tgt Ion: 69 Resp: 86589
Ion Ratio Lower Upper
69 100
41 63.7 33.8 101.3
39 40.9 21.3 63.9



#52
1,3-Dichloropropane
Concen: 21.025 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Tgt Ion: 76 Resp: 115766
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.0





#53

Dibromochloromethane

Concen: 21.612 ug/l

RT: 11.359 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

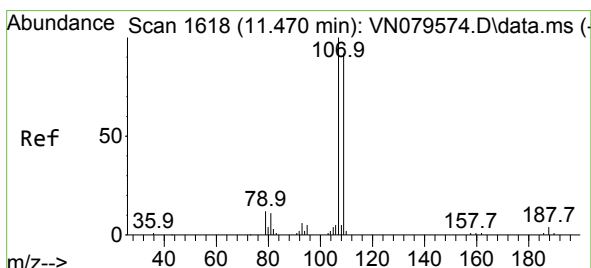
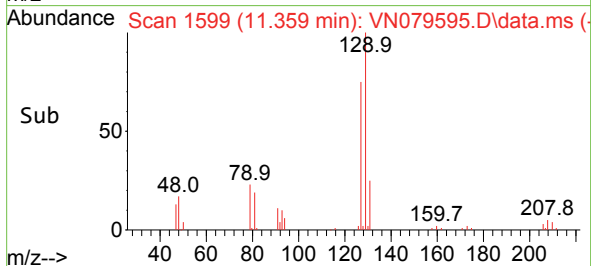
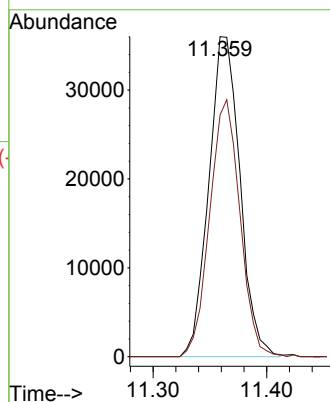
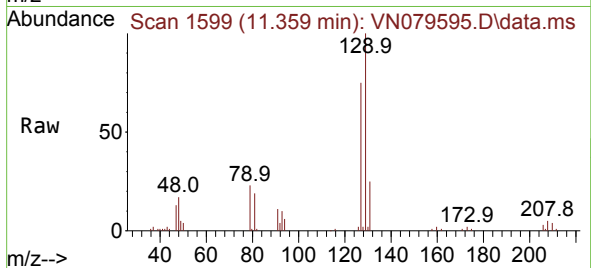
ClientSampleId :

Tgt Ion:129 Resp: 68652

Ion Ratio Lower Upper

129 100

127 77.9 38.8 116.3



#54

1,2-Dibromoethane

Concen: 21.388 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VN079595.D

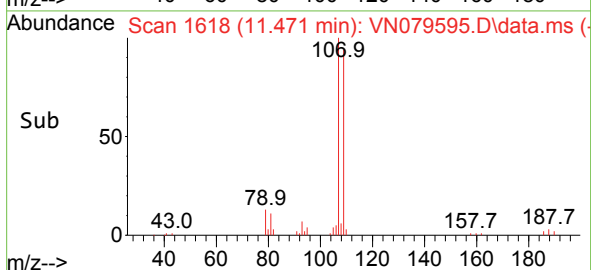
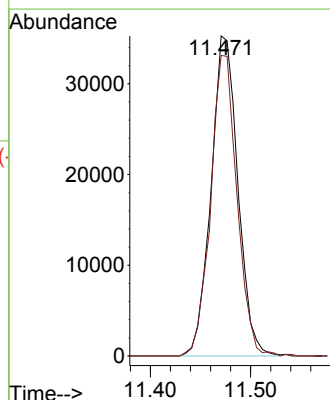
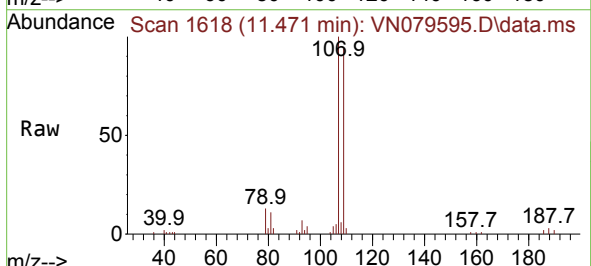
Acq: 18 Oct 2023 11:47

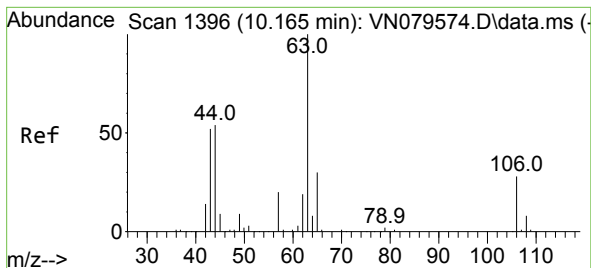
Tgt Ion:107 Resp: 65582

Ion Ratio Lower Upper

107 100

109 91.8 73.2 109.8

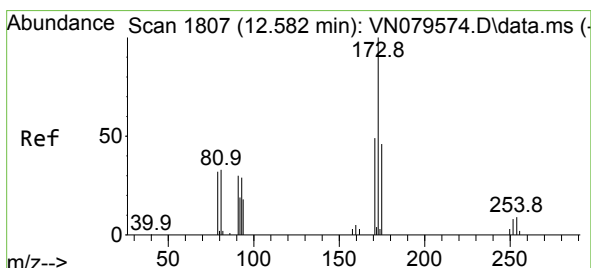
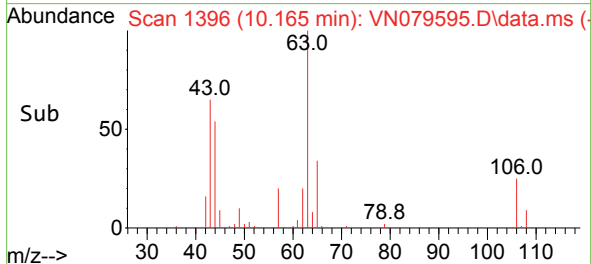
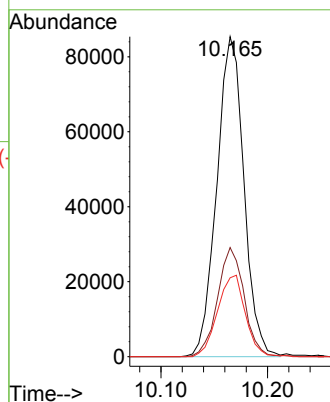
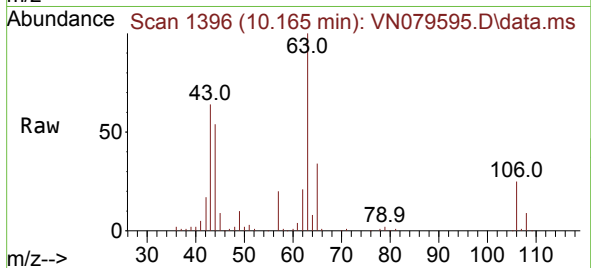




#55
2-Chloroethyl vinyl ether
Concen: 92.292 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

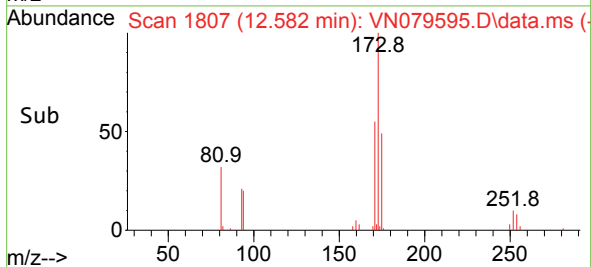
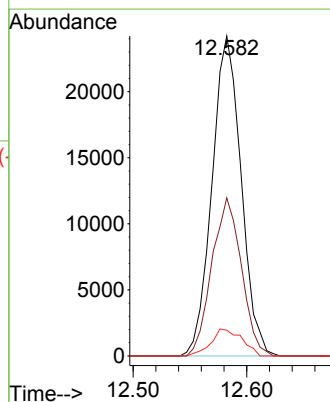
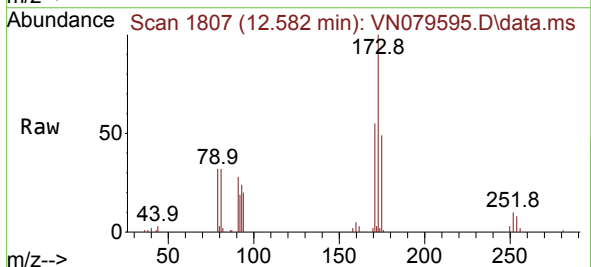
Instrument :
MSVOA_N
ClientSampleId :

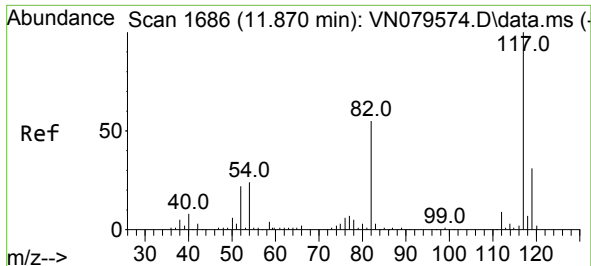
Tgt Ion: 63 Resp: 150997
Ion Ratio Lower Upper
63 100
65 33.4 25.9 38.9
106 26.0 20.6 30.8



#56
Bromoform
Concen: 20.512 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

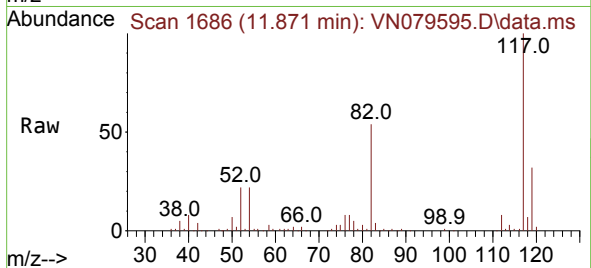
Tgt Ion: 173 Resp: 43104
Ion Ratio Lower Upper
173 100
175 50.2 37.9 56.9
254 9.0 7.3 10.9



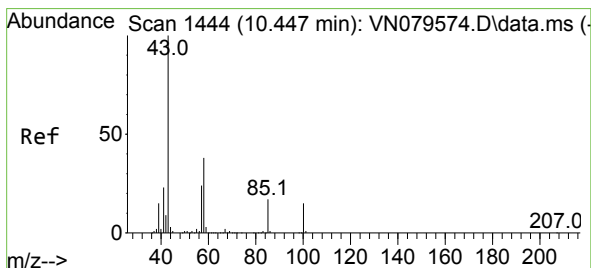
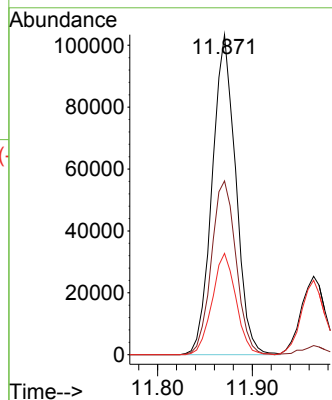
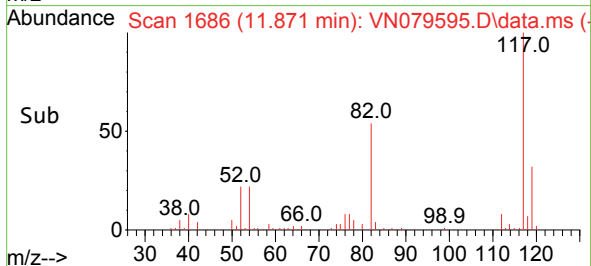


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Instrument :
MSVOA_N
ClientSampleId :

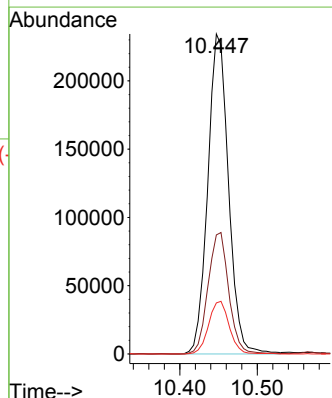
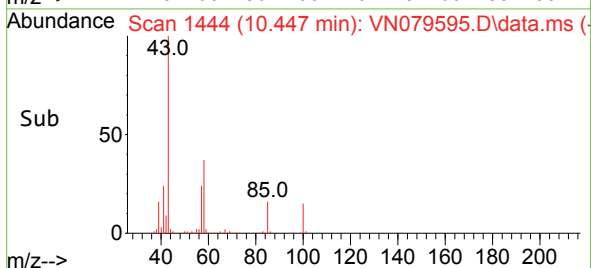
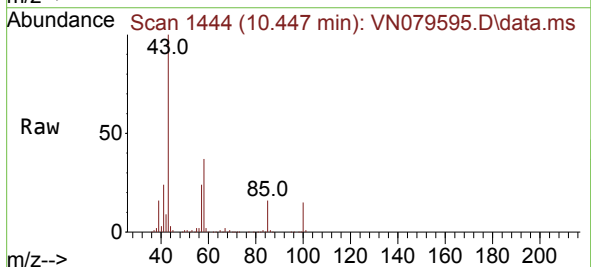


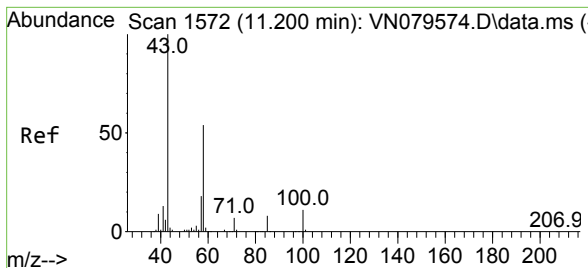
Tgt Ion:117 Resp: 178258
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.2
119 32.0 25.2 37.8



#58
4-Methyl-2-Pentanone
Concen: 104.854 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

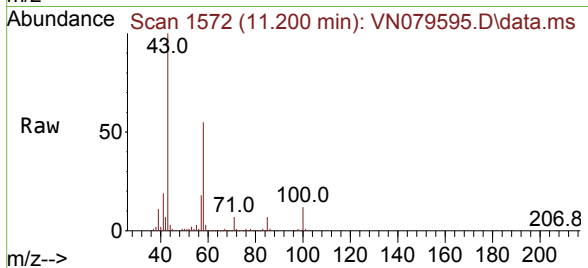
Tgt Ion: 43 Resp: 435963
Ion Ratio Lower Upper
43 100
58 37.9 30.4 45.6
85 16.3 13.2 19.8



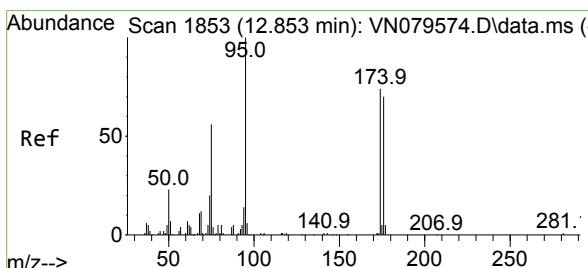
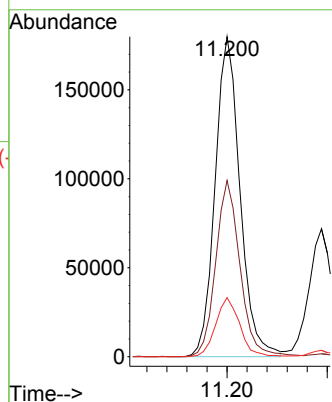
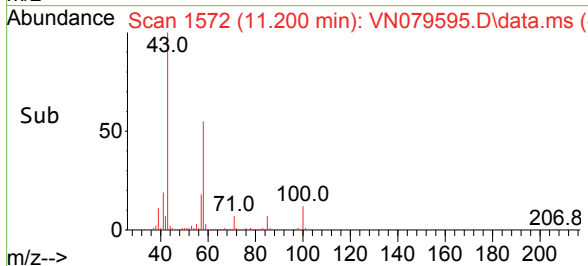


#59
2-Hexanone
Concen: 101.629 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Instrument :
MSVOA_N
ClientSampleId :

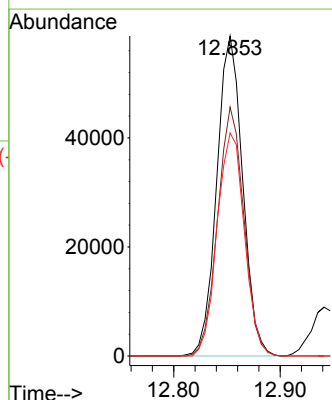
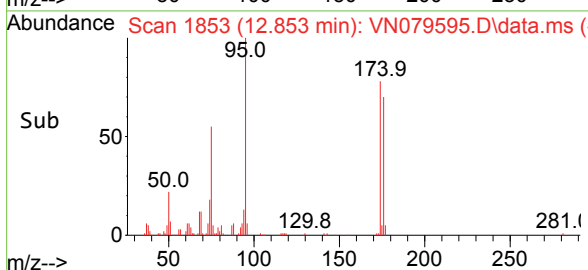
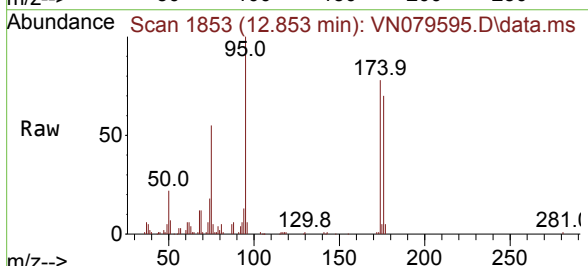


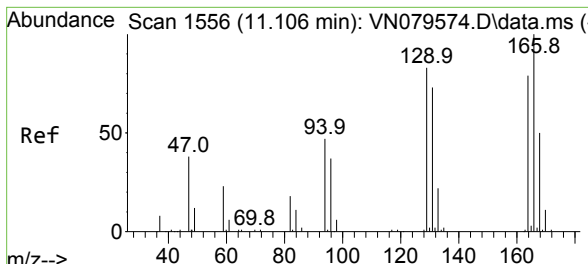
Tgt Ion: 43 Resp: 309998
Ion Ratio Lower Upper
43 100
58 53.8 42.3 63.5
57 17.9 13.9 20.9



#60
4-Bromofluorobenzene
Concen: 30.382 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Tgt Ion: 95 Resp: 99039
Ion Ratio Lower Upper
95 100
174 79.0 60.5 90.7
176 73.5 57.2 85.8

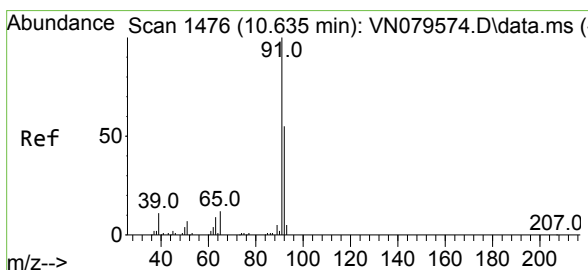
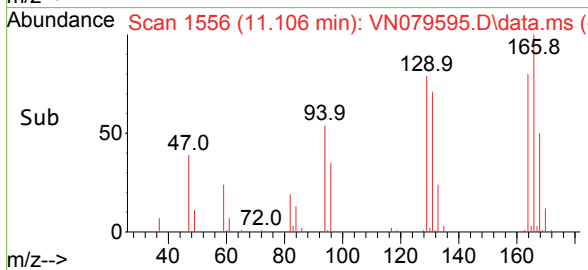
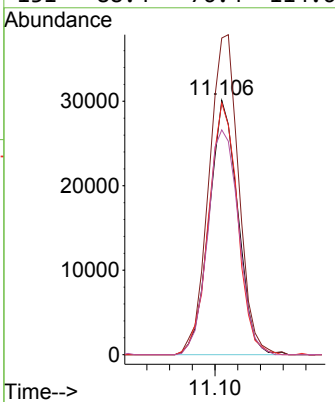
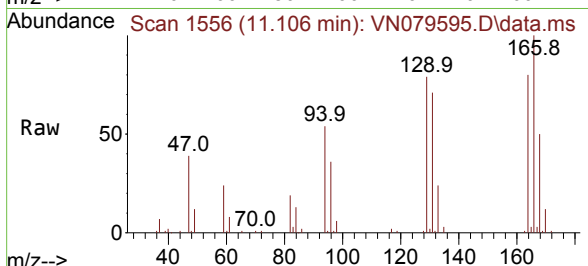




#61
 Tetrachloroethene
 Concen: 21.640 ug/l
 RT: 11.106 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

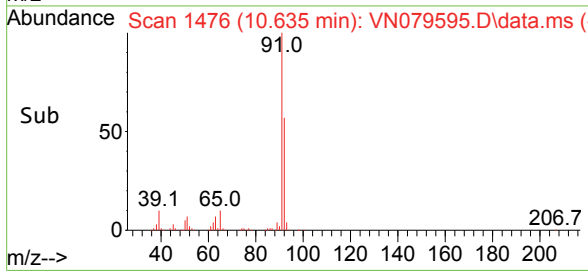
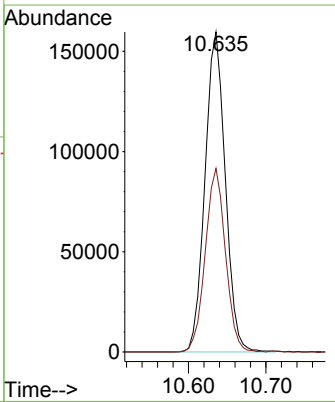
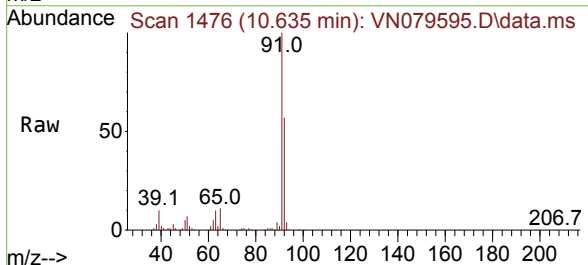
Instrument :
 MSVOA_N
 ClientSampleId :

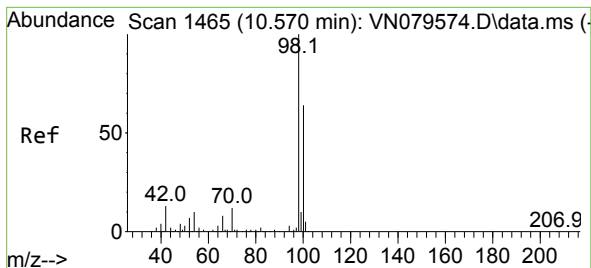
Tgt Ion:	164	Resp:	52963
Ion	Ratio	Lower	Upper
164	100		
166	124.5	98.2	147.4
129	98.9	75.0	112.4
131	88.4	76.4	114.6



#62
 Toluene
 Concen: 21.298 ug/l
 RT: 10.635 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Tgt Ion:	91	Resp:	290151
Ion	Ratio	Lower	Upper
91	100		
92	57.2	45.3	67.9





#63

Toluene-d8

Concen: 30.862 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

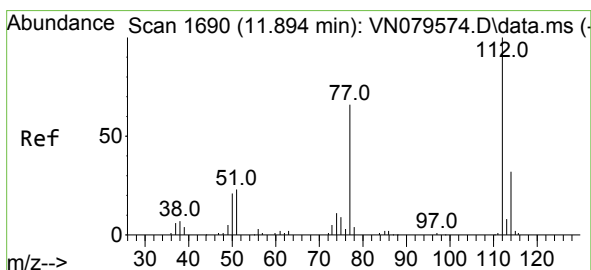
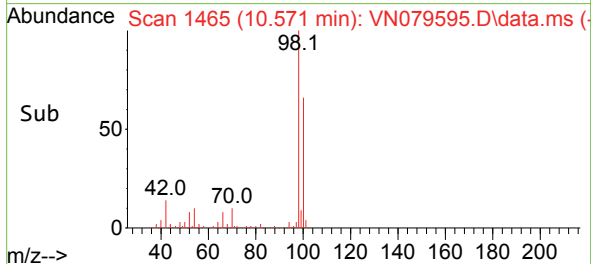
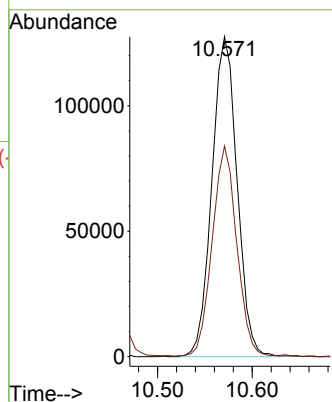
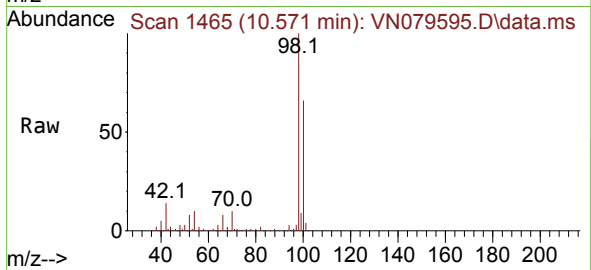
ClientSampleId :

Tgt Ion: 98 Resp: 235739

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#64

Chlorobenzene

Concen: 20.859 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN079595.D

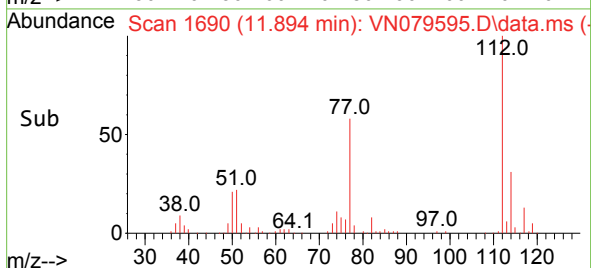
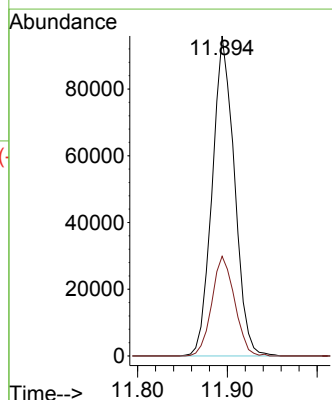
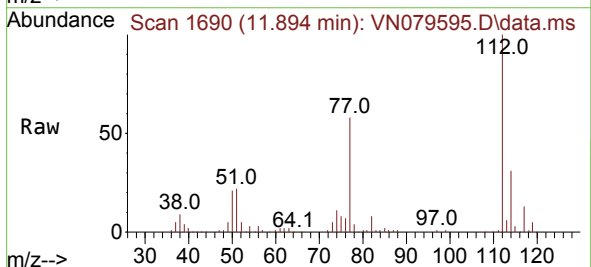
Acq: 18 Oct 2023 11:47

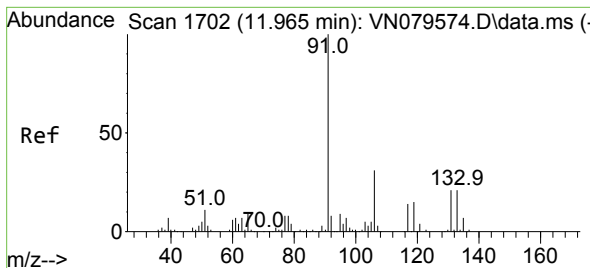
Tgt Ion: 112 Resp: 164812

Ion Ratio Lower Upper

112 100

114 31.2 28.1 42.1

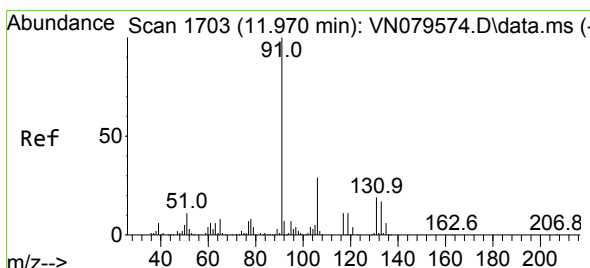
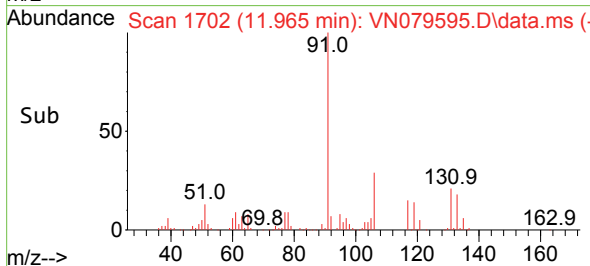
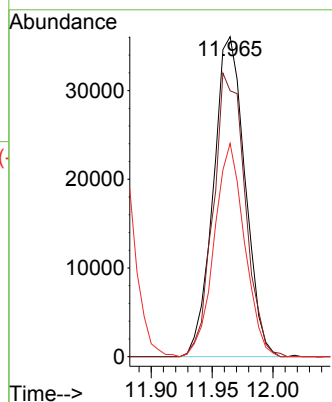
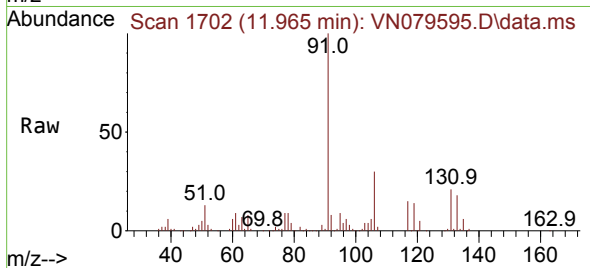




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.665 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

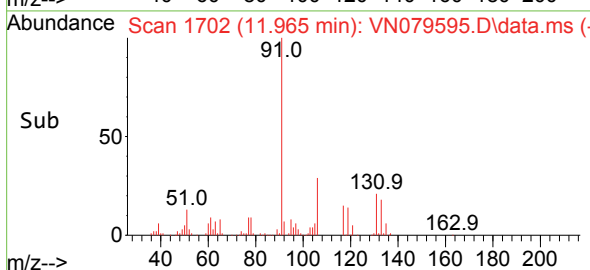
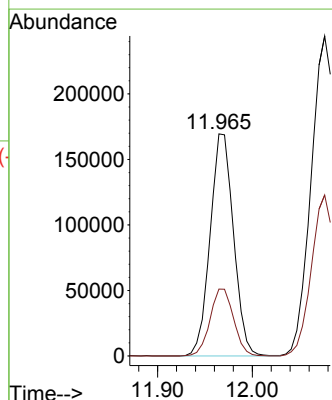
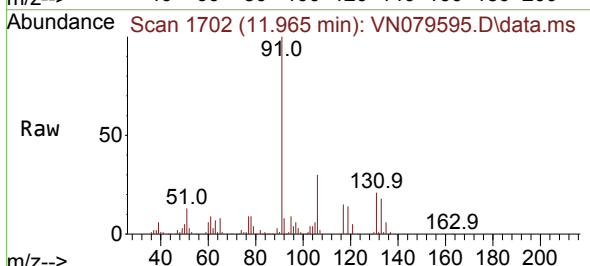
Instrument :
 MSVOA_N
 ClientSampleId :

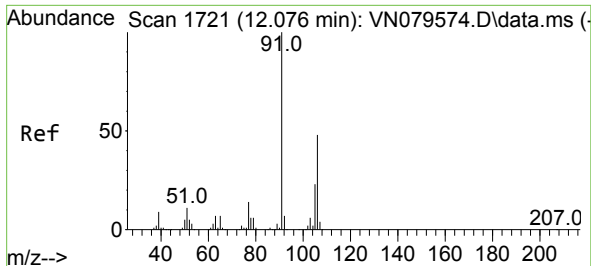
Tgt Ion:131 Resp: 65210
 Ion Ratio Lower Upper
 131 100
 133 88.9 0.0 196.0
 119 63.7 0.0 135.6



#66
 Ethyl Benzene
 Concen: 20.765 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.006 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Tgt Ion: 91 Resp: 291477
 Ion Ratio Lower Upper
 91 100
 106 30.1 23.8 35.8

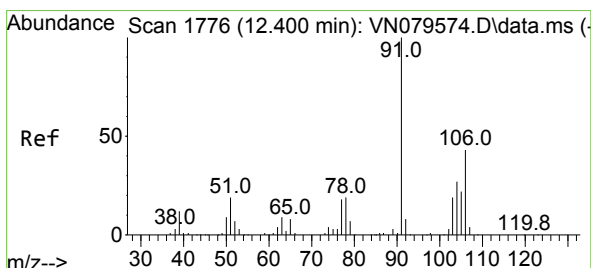
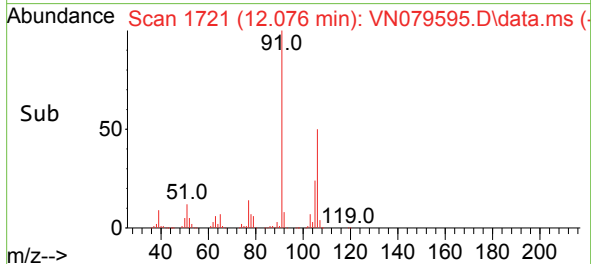
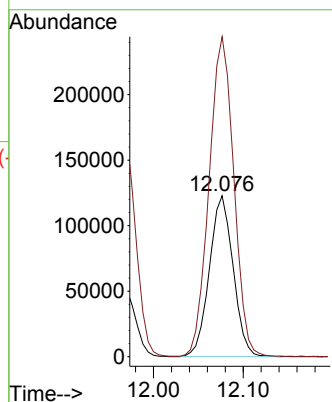
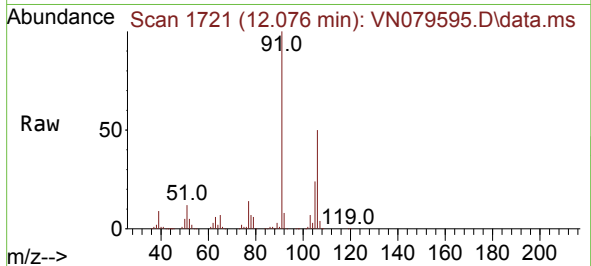




#67
m/p-Xylenes
Concen: 43.461 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

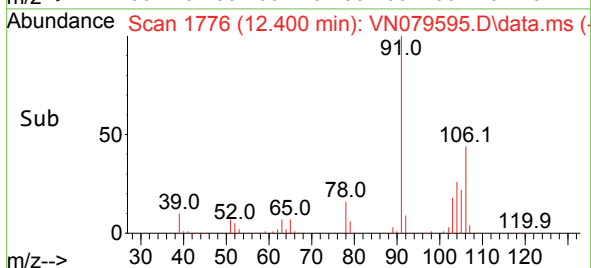
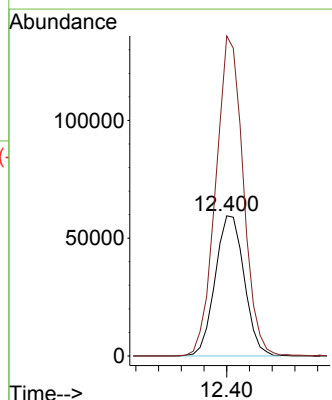
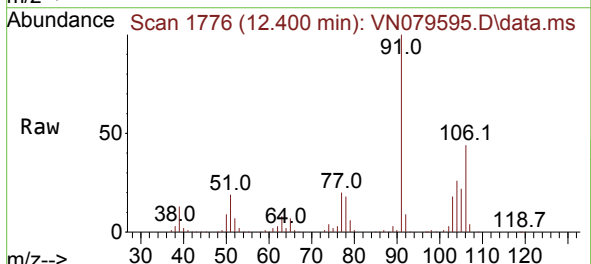
Instrument :
MSVOA_N
ClientSampleId :

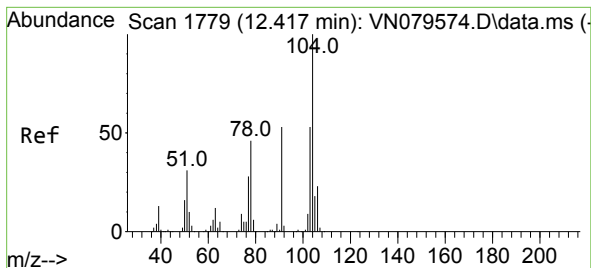
Tgt Ion:106 Resp: 225635
Ion Ratio Lower Upper
106 100
91 207.4 161.8 242.6



#68
o-Xylene
Concen: 21.290 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Tgt Ion:106 Resp: 105665
Ion Ratio Lower Upper
106 100
91 216.1 109.9 329.7





#69

Styrene

Concen: 21.781 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

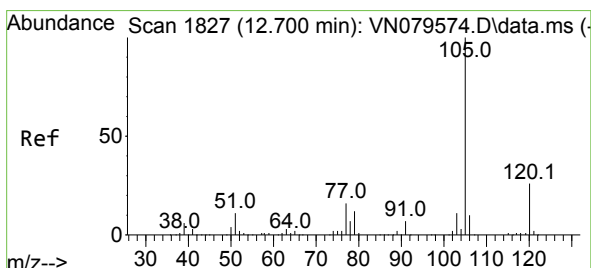
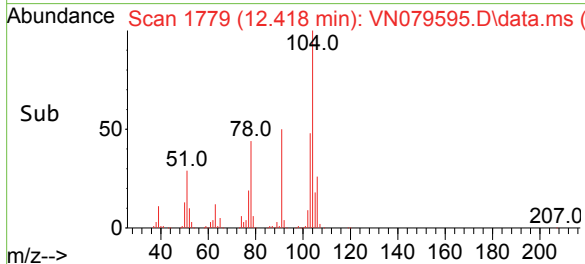
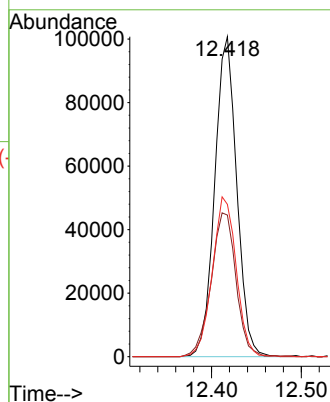
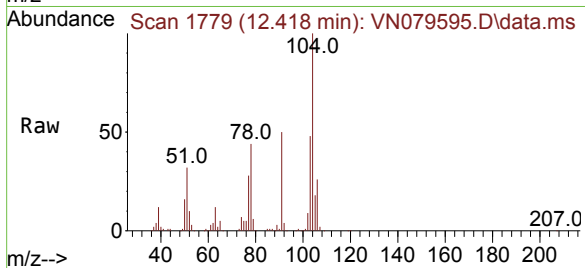
Tgt Ion:104 Resp: 171614

Ion Ratio Lower Upper

104 100

78 50.7 41.2 61.8

103 54.2 43.1 64.7



#70

Isopropylbenzene

Concen: 21.189 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079595.D

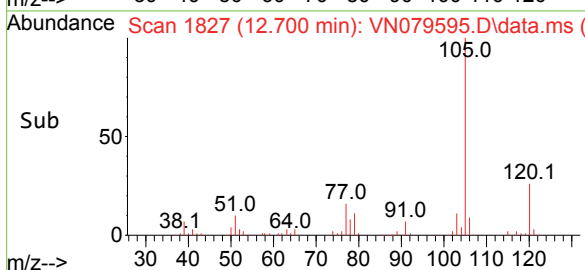
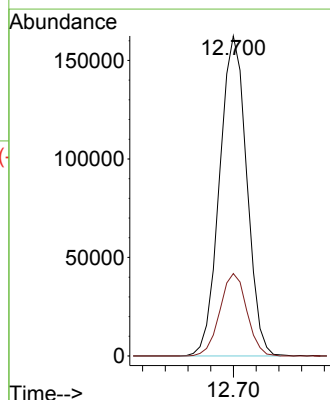
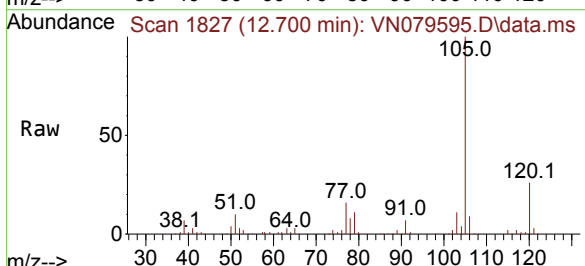
Acq: 18 Oct 2023 11:47

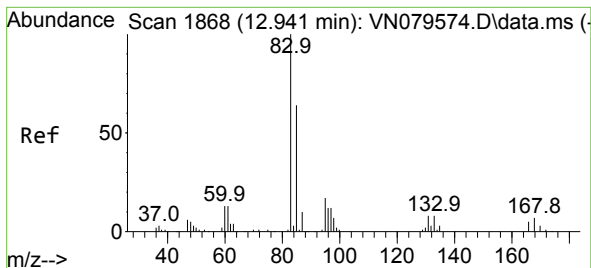
Tgt Ion:105 Resp: 269893

Ion Ratio Lower Upper

105 100

120 25.5 18.1 33.5

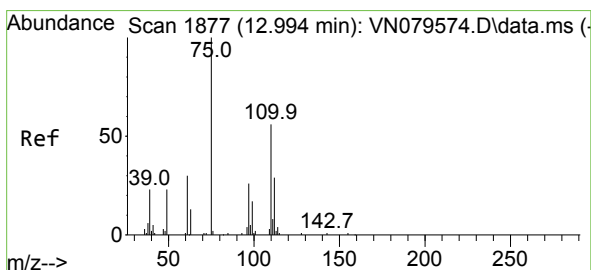
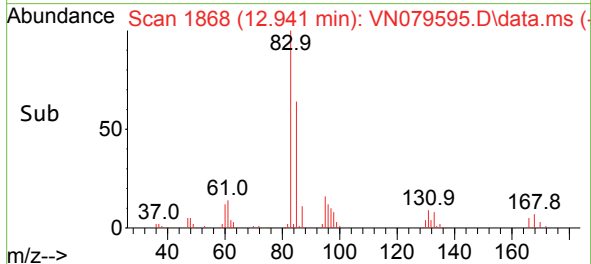
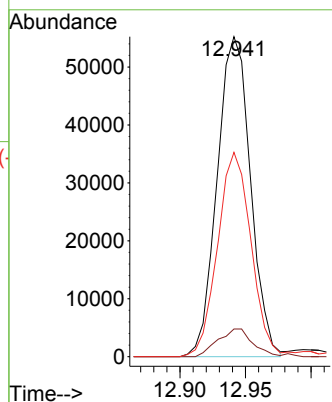
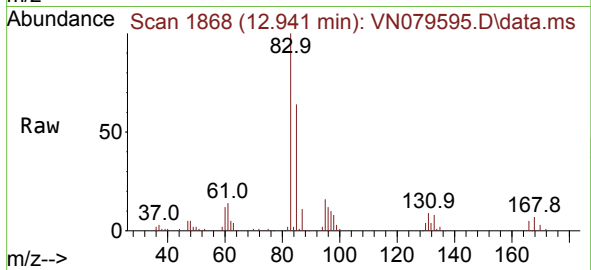




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.556 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

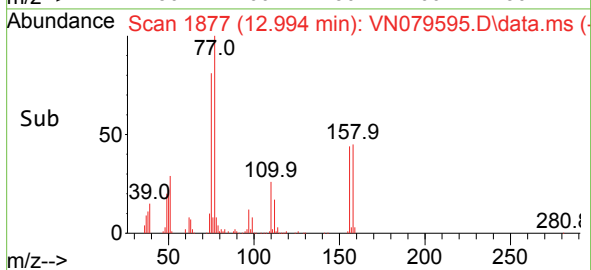
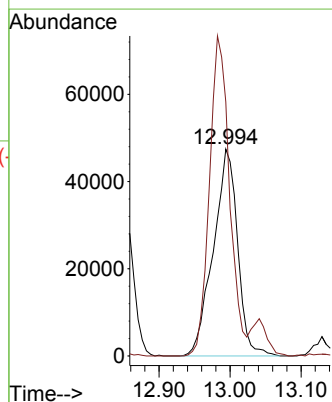
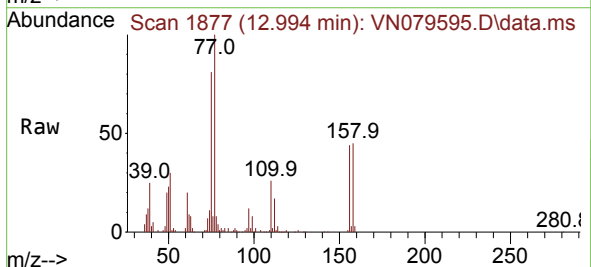
Instrument :
 MSVOA_N
 ClientSampleId :

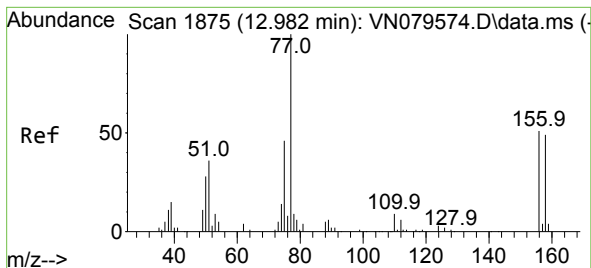
Tgt Ion: 83 Resp: 97627
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.5 13.4
 85 63.8 32.1 96.3



#72
 1,2,3-Trichloropropane
 Concen: 27.413 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN079595.D
 Acq: 18 Oct 2023 11:47

Tgt Ion: 75 Resp: 112745
 Ion Ratio Lower Upper
 75 100
 77 127.8 0.0 338.2





#73

Bromobenzene

Concen: 21.559 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079595.D

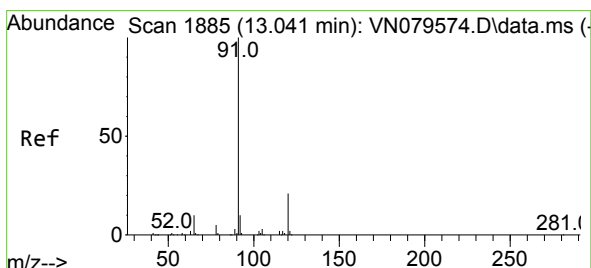
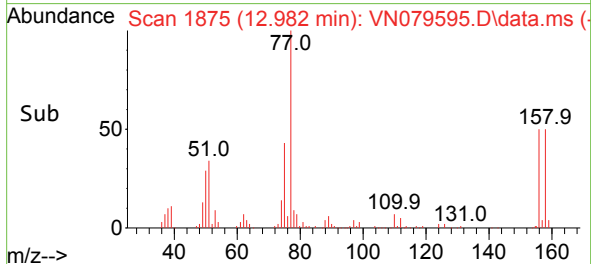
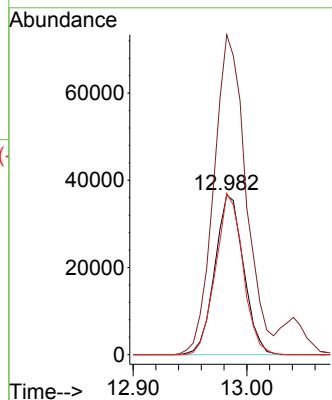
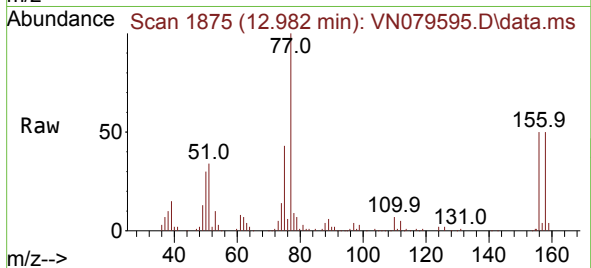
Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	64507
Ion Ratio	Lower	Upper	
156	100		
77	223.3	0.0	448.2
158	95.9	0.0	194.8



#74

n-propylbenzene

Concen: 21.699 ug/l

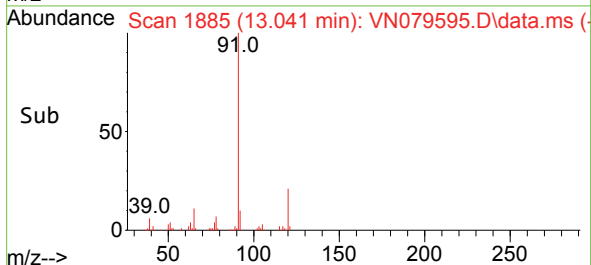
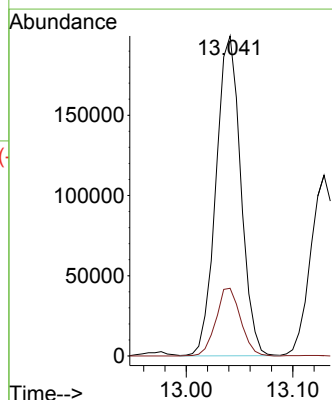
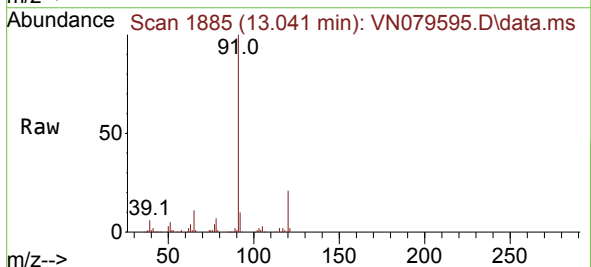
RT: 13.041 min Scan# 1885

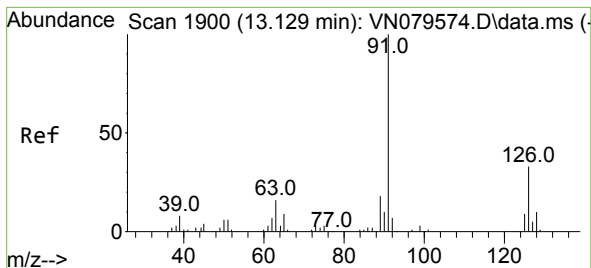
Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Tgt Ion:	91	Resp:	321773
Ion Ratio	Lower	Upper	
91	100		
120	21.1	0.0	42.0





#75

2-Chlorotoluene

Concen: 21.424 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

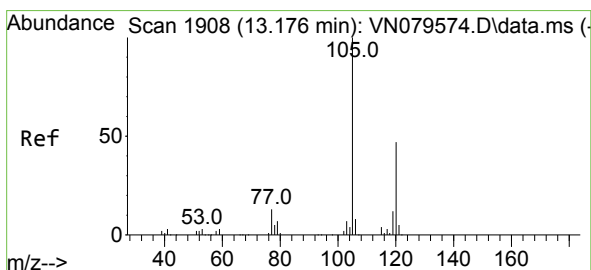
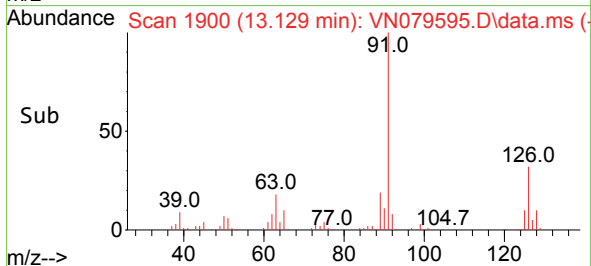
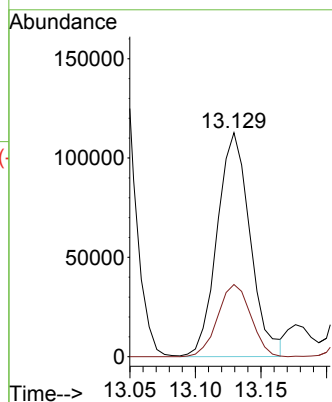
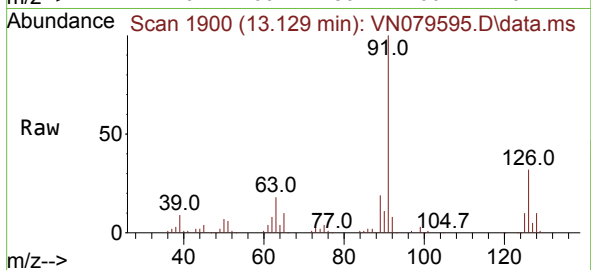
ClientSampleId :

Tgt Ion: 91 Resp: 197506

Ion Ratio Lower Upper

91 100

126 32.3 0.0 64.6



#76

1,3,5-Trimethylbenzene

Concen: 21.849 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079595.D

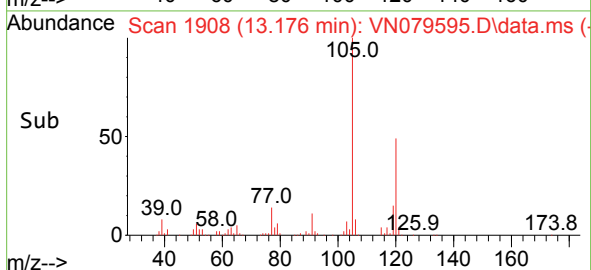
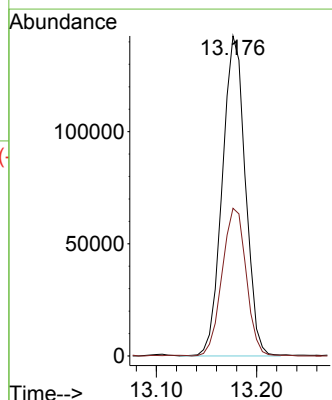
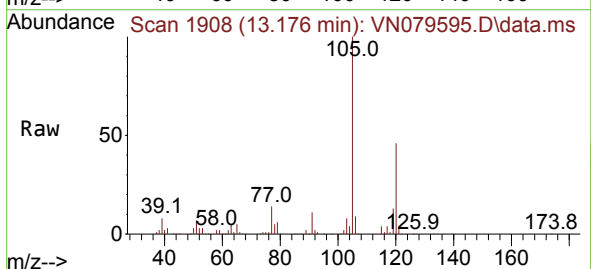
Acq: 18 Oct 2023 11:47

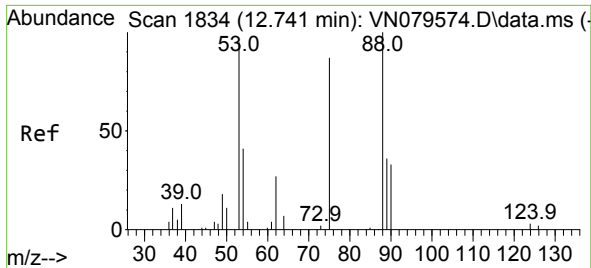
Tgt Ion: 105 Resp: 227497

Ion Ratio Lower Upper

105 100

120 48.1 0.0 93.2

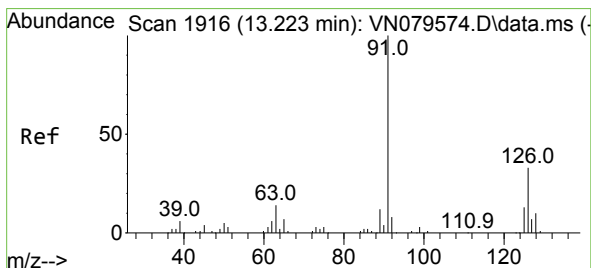
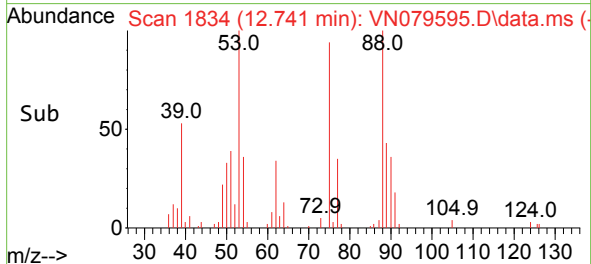
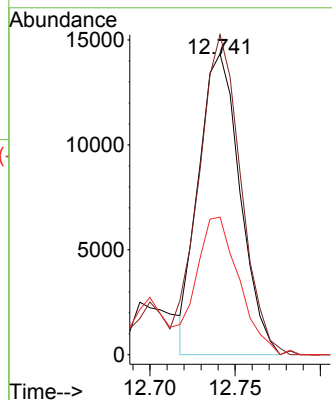
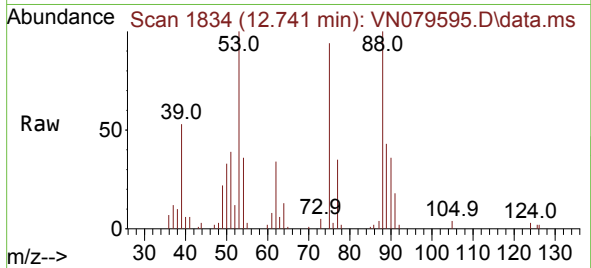




#77
t-1,4-Dichloro-2-butene
Concen: 19.336 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

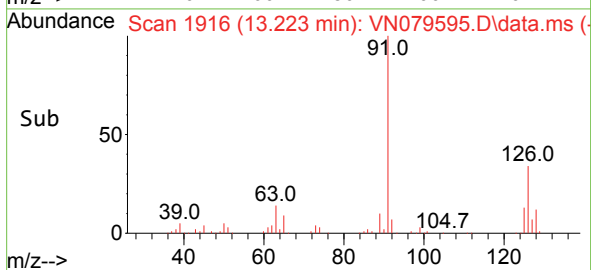
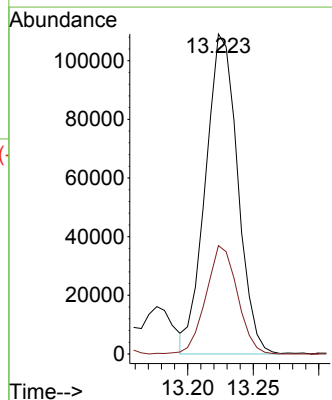
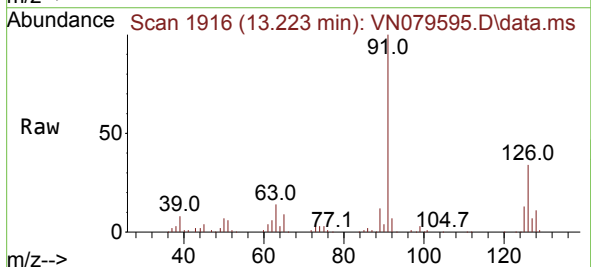
Instrument :
MSVOA_N
ClientSampleId :

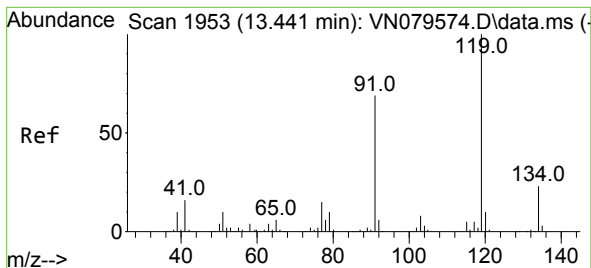
Tgt Ion: 75 Resp: 24271
Ion Ratio Lower Upper
75 100
53 104.3 53.0 159.1
89 45.7 22.6 67.7



#78
4-Chlorotoluene
Concen: 21.381 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079595.D
Acq: 18 Oct 2023 11:47

Tgt Ion: 91 Resp: 186234
Ion Ratio Lower Upper
91 100
126 33.1 0.0 65.4





#79

tert-butylbenzene

Concen: 20.547 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

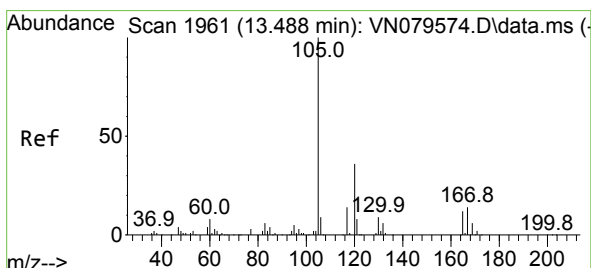
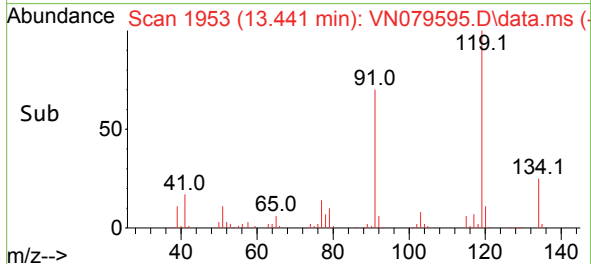
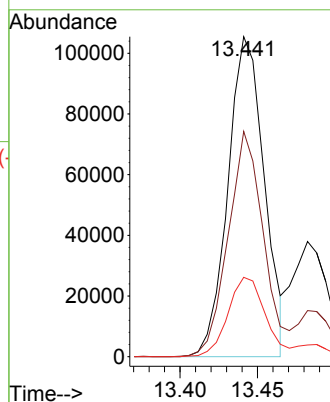
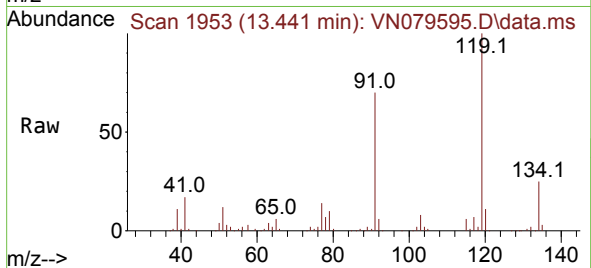
Tgt Ion:119 Resp: 172016

Ion Ratio Lower Upper

119 100

91 68.8 0.0 140.6

134 25.4 0.0 49.8



#80

1,2,4-Trimethylbenzene

Concen: 21.462 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079595.D

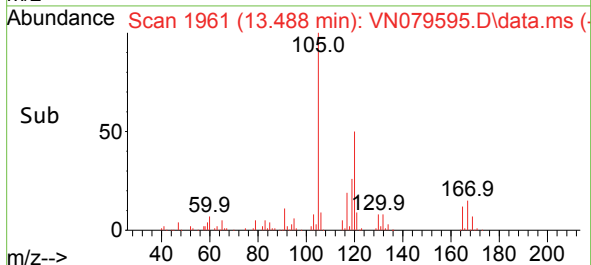
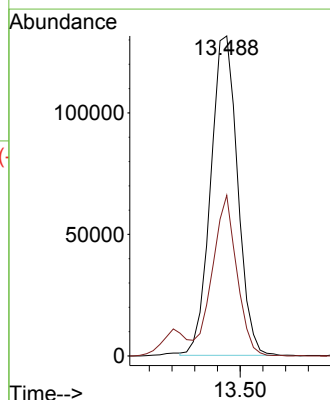
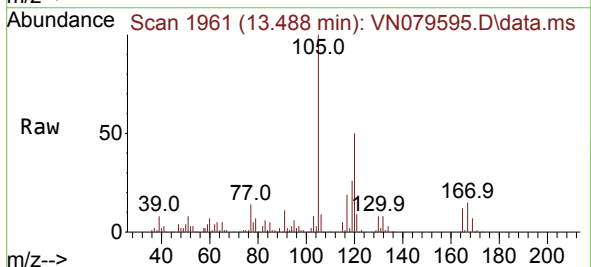
Acq: 18 Oct 2023 11:47

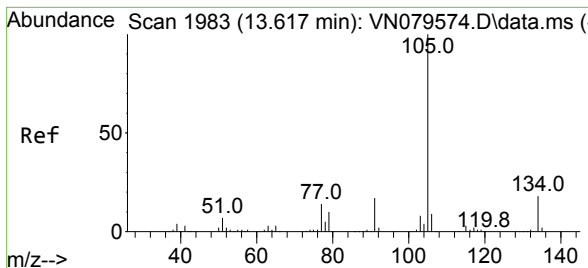
Tgt Ion:105 Resp: 216539

Ion Ratio Lower Upper

105 100

120 45.3 0.0 88.6





#81

sec-Butylbenzene

Concen: 21.592 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.006 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

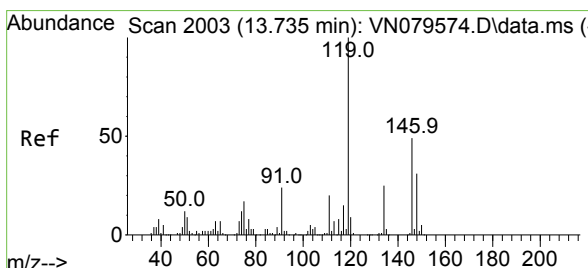
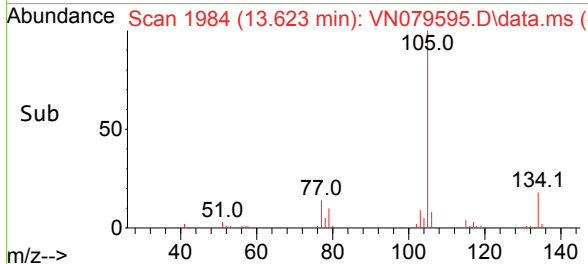
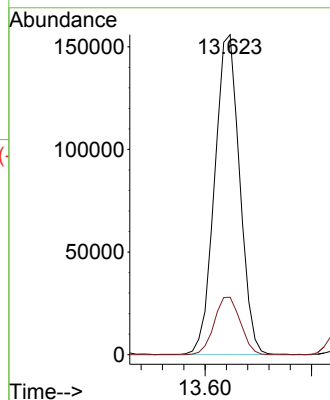
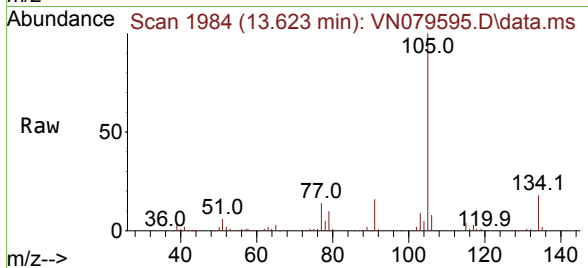
ClientSampleId :

Tgt Ion:105 Resp: 253760

Ion Ratio Lower Upper

105 100

134 18.8 0.0 38.2



#82

p-Isopropyltoluene

Concen: 21.534 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

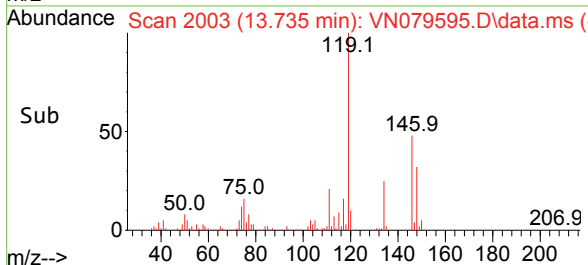
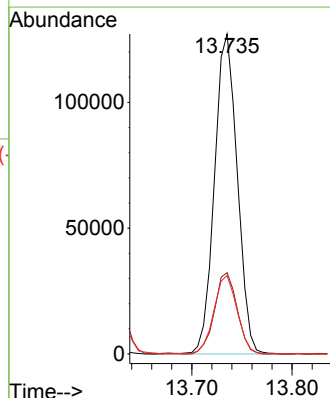
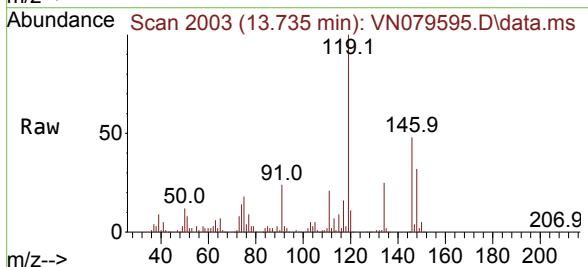
Tgt Ion:119 Resp: 200757

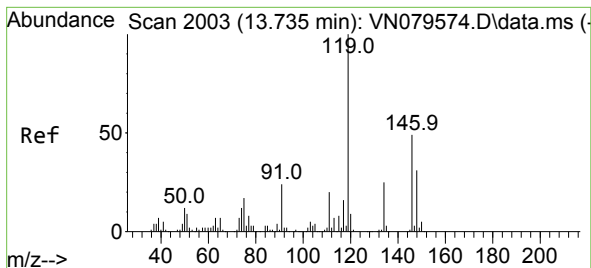
Ion Ratio Lower Upper

119 100

134 25.3 0.0 52.2

91 25.0 0.0 50.0





#83

1,3-Dichlorobenzene

Concen: 21.572 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

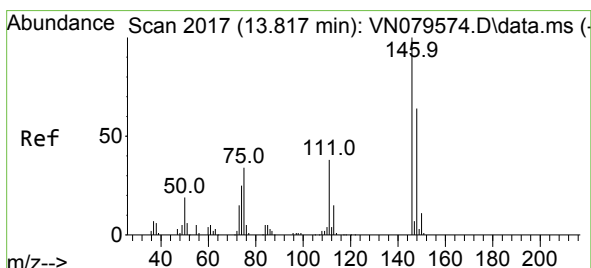
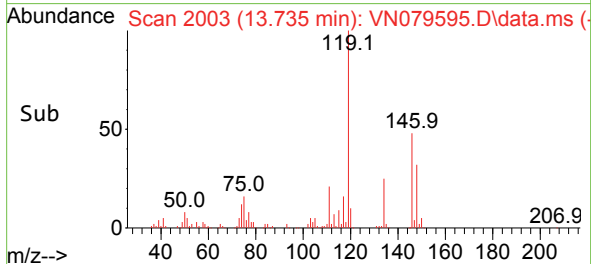
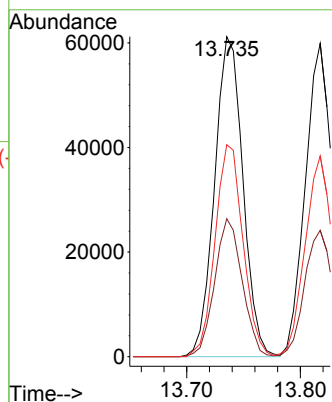
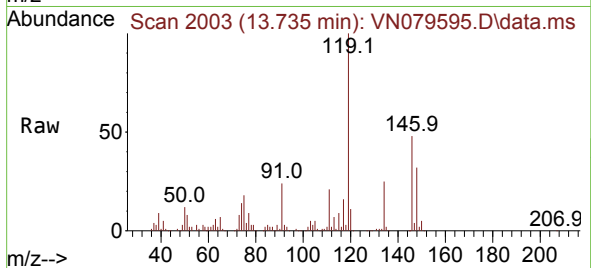
Tgt Ion:146 Resp: 106140

Ion Ratio Lower Upper

146 100

111 41.9 21.0 63.0

148 65.4 32.4 97.0



#84

1,4-Dichlorobenzene

Concen: 21.343 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

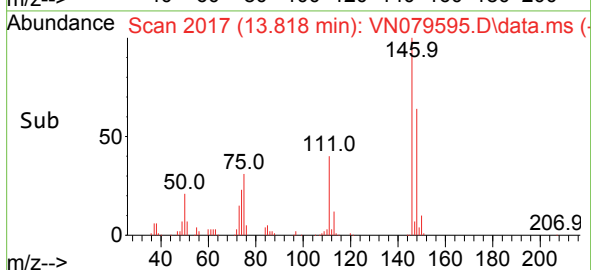
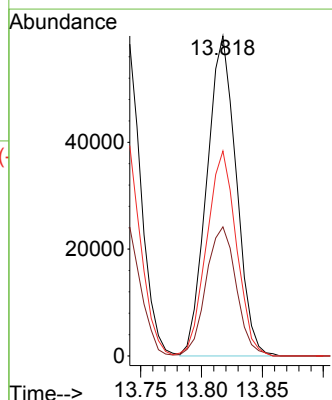
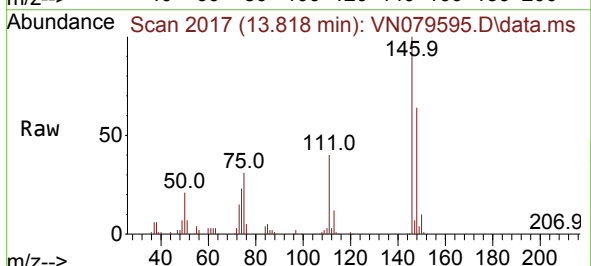
Tgt Ion:146 Resp: 100672

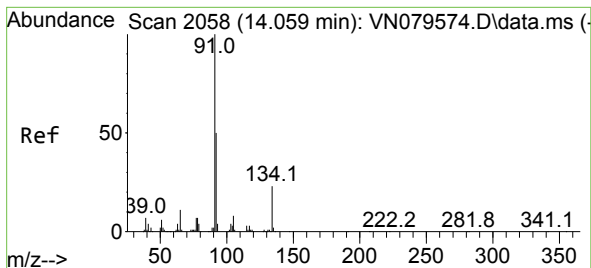
Ion Ratio Lower Upper

146 100

111 41.4 19.9 59.7

148 64.8 32.6 97.7





#85

n-Butylbenzene

Concen: 20.703 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

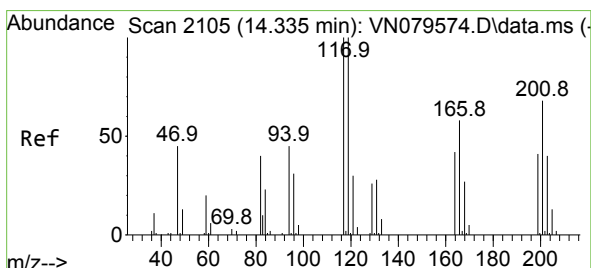
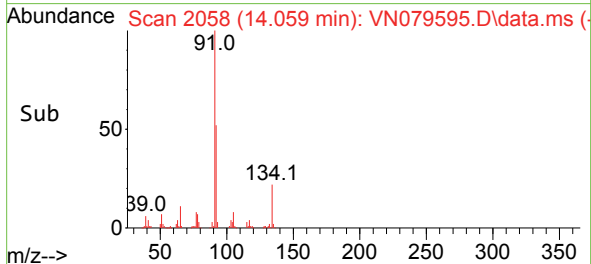
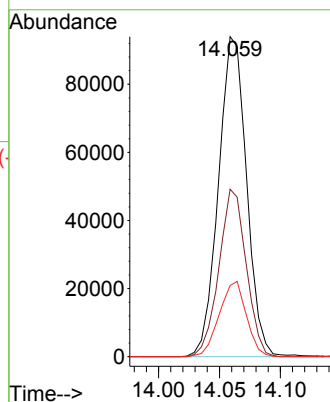
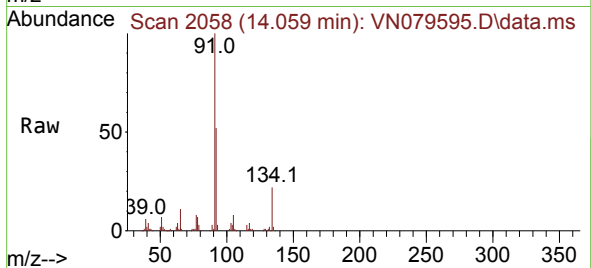
Tgt Ion: 91 Resp: 150800

Ion Ratio Lower Upper

91 100

92 50.9 0.0 99.6

134 22.8 0.0 46.2



#86

Hexachloroethane

Concen: 20.870 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079595.D

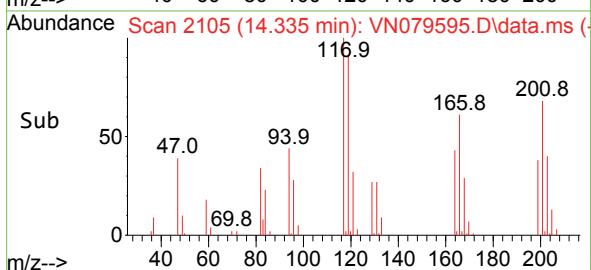
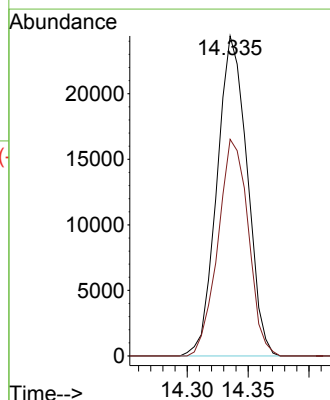
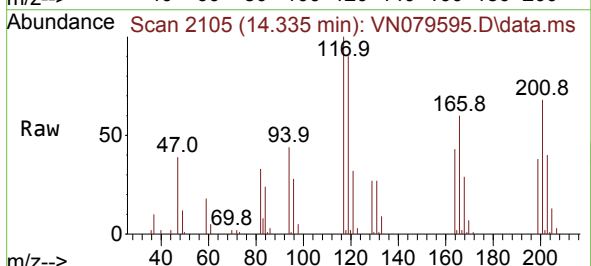
Acq: 18 Oct 2023 11:47

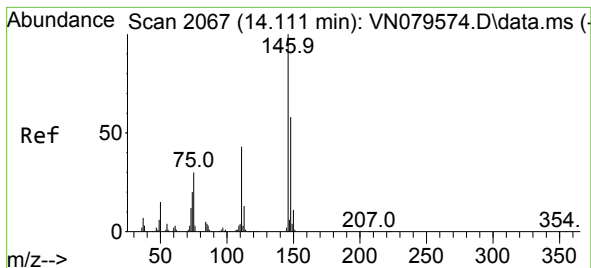
Tgt Ion: 117 Resp: 42063

Ion Ratio Lower Upper

117 100

201 68.1 32.5 97.5





#87

1,2-Dichlorobenzene

Concen: 21.919 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

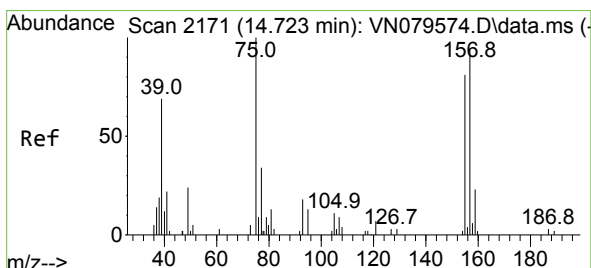
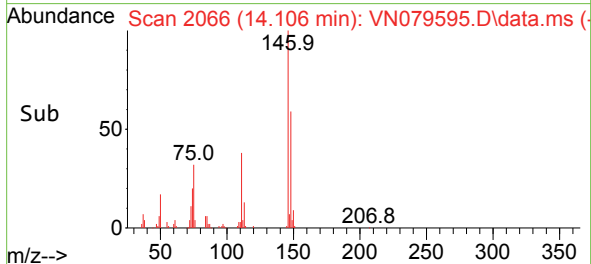
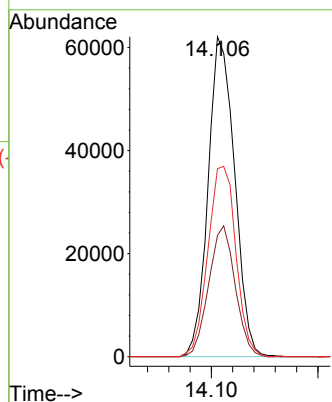
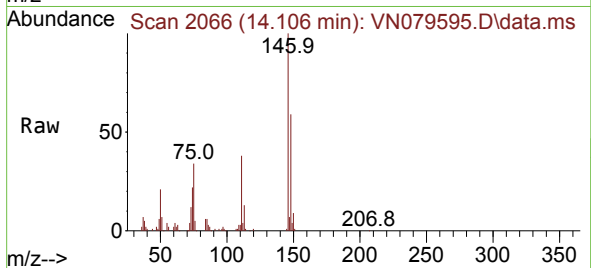
Tgt Ion:146 Resp: 107191

Ion Ratio Lower Upper

146 100

111 40.8 22.0 66.0

148 62.8 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.491 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

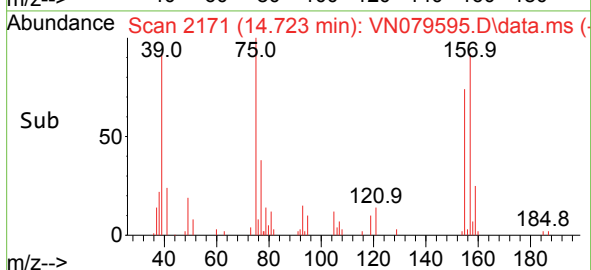
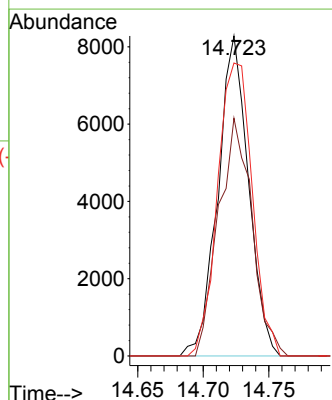
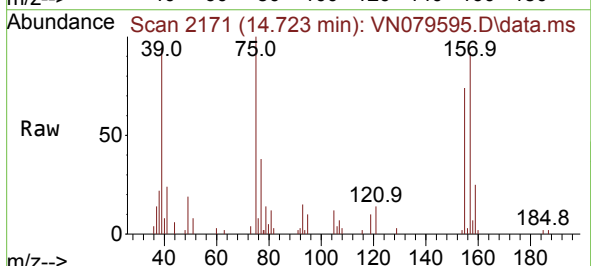
Tgt Ion: 75 Resp: 13451

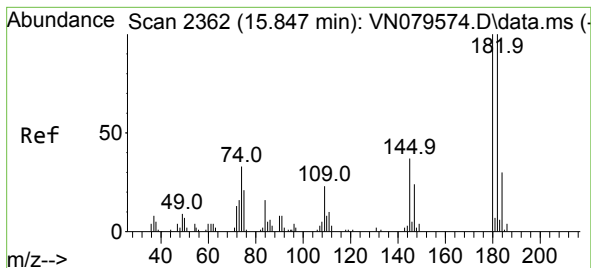
Ion Ratio Lower Upper

75 100

155 80.8 60.7 91.1

157 103.5 76.8 115.2





#89

1,2,4-Trichlorobenzene

Concen: 18.401 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

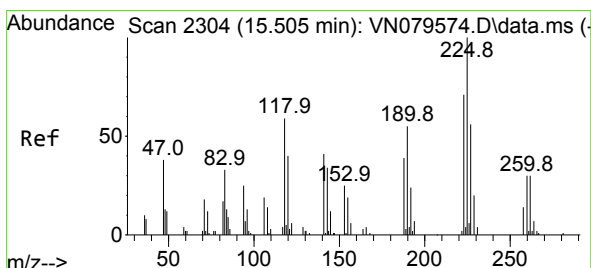
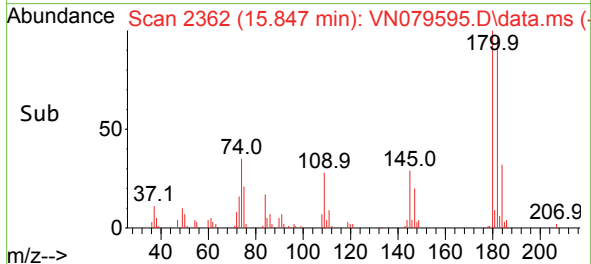
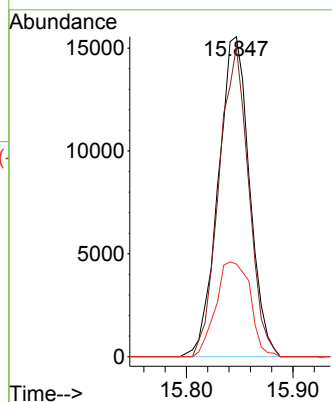
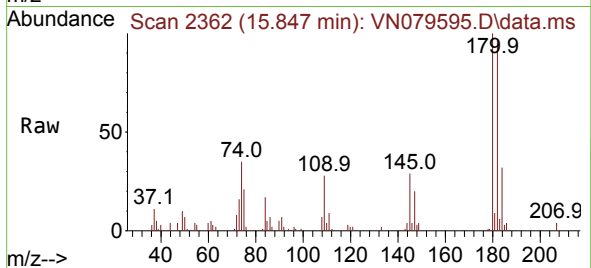
Tgt Ion:180 Resp: 31719

Ion Ratio Lower Upper

180 100

182 91.7 74.2 111.4

145 32.6 25.4 38.2



#90

Hexachlorobutadiene

Concen: 20.242 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

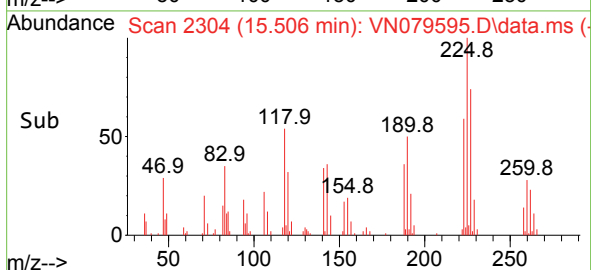
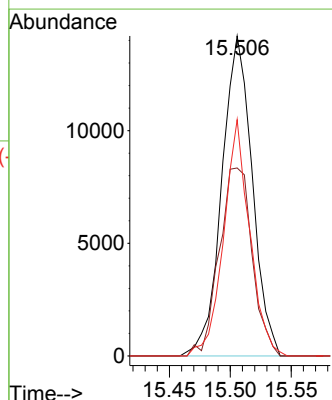
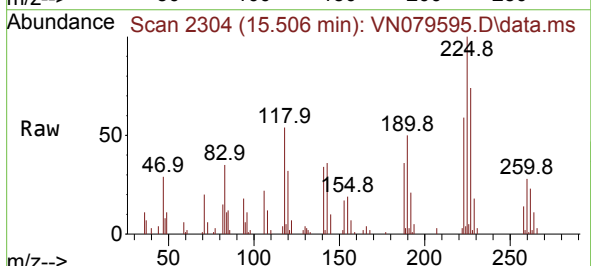
Tgt Ion:225 Resp: 24715

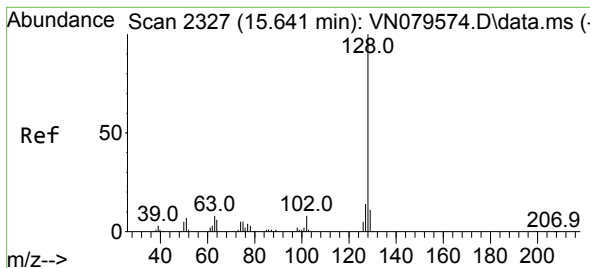
Ion Ratio Lower Upper

225 100

223 63.7 0.0 126.0

227 63.5 0.0 127.0





#91

Naphthalene

Concen: 14.577 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079595.D

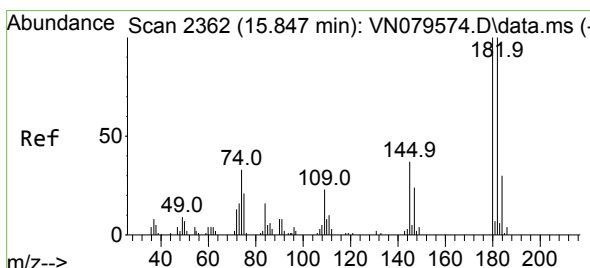
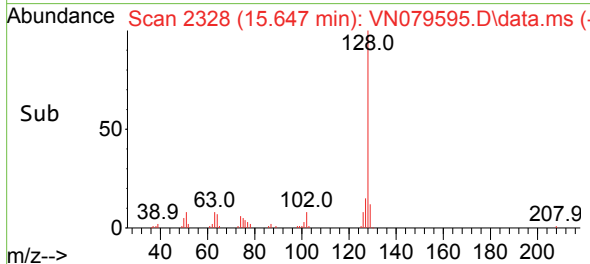
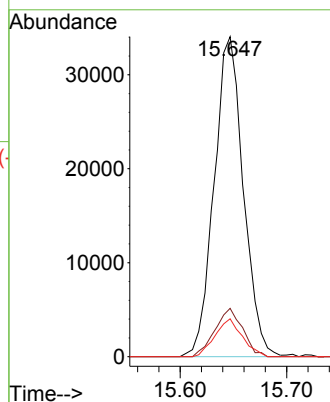
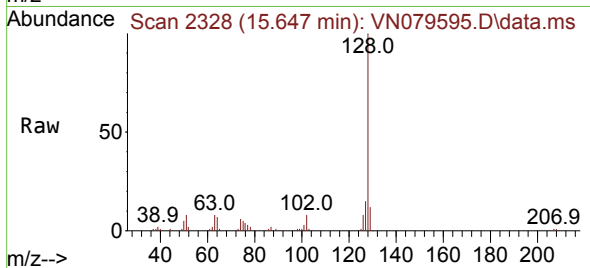
Acq: 18 Oct 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp: 64814
Ion Ratio	Lower Upper
128	100
127	14.4 10.9 16.3
129	11.1 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 18.401 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN079595.D

Acq: 18 Oct 2023 11:47

Tgt Ion:180	Resp: 31719
Ion Ratio	Lower Upper
180	100
182	91.7 0.0 185.6
145	32.6 0.0 63.6

