

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102423\
 Data File : VN079658.D
 Acq On : 24 Oct 2023 15:25
 Operator : JC\MD
 Sample : VN1024WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS01

Quant Time: Oct 25 01:48:27 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	275700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	479829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	427740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	170522	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	213959	47.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.720%
35) Dibromofluoromethane	8.171	113	168524	48.873	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.740%
50) Toluene-d8	10.571	98	625735	50.152	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.300%
62) 4-Bromofluorobenzene	12.853	95	198300	49.525	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	66394	16.806	ug/l	98
3) Chloromethane	2.365	50	78354	15.895	ug/l	100
4) Vinyl Chloride	2.518	62	87280	17.022	ug/l	96
5) Bromomethane	2.959	94	53057	17.285	ug/l	97
6) Chloroethane	3.124	64	56929	14.727	ug/l	100
7) Trichlorofluoromethane	3.501	101	108577	17.935	ug/l	98
8) Diethyl Ether	3.965	74	38965	18.054	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.377	101	63005	17.809	ug/l	98
10) Methyl Iodide	4.600	142	62270	20.284	ug/l	95
11) Tert butyl alcohol	5.530	59	52217	77.610	ug/l	99
12) 1,1-Dichloroethene	4.342	96	56227	17.261	ug/l	85
13) Acrolein	4.183	56	47489	70.886	ug/l	94
14) Allyl chloride	5.024	41	99329	18.896	ug/l #	89
15) Acrylonitrile	5.730	53	172578	88.475	ug/l	98
16) Acetone	4.430	43	174044	98.161	ug/l	93
17) Carbon Disulfide	4.712	76	152106	14.970	ug/l	97
18) Methyl Acetate	5.030	43	143734	16.563	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	201602	19.048	ug/l	93
20) Methylene Chloride	5.283	84	70634	17.804	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	63036	16.569	ug/l	89
22) Diisopropyl ether	6.677	45	229430	19.464	ug/l #	92
23) Vinyl Acetate	6.612	43	593062	89.446	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	129912	18.008	ug/l	98
25) 2-Butanone	7.488	43	237008	90.063	ug/l #	80
26) 2,2-Dichloropropane	7.500	77	108730	19.722	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	74859	18.112	ug/l	85
28) Bromochloromethane	7.818	49	77840	22.678	ug/l #	76
29) Tetrahydrofuran	7.841	42	148797	87.426	ug/l #	77
30) Chloroform	7.971	83	134855	18.501	ug/l	89
31) Cyclohexane	8.265	56	106208	16.750	ug/l	84
32) 1,1,1-Trichloroethane	8.177	97	112202	18.292	ug/l	95
36) 1,1-Dichloropropene	8.377	75	97025	18.748	ug/l	95
37) Ethyl Acetate	7.571	43	92924	18.045	ug/l #	91
38) Carbon Tetrachloride	8.365	117	95451	18.423	ug/l	98
39) Methylcyclohexane	9.606	83	85845	17.265	ug/l #	85
40) Benzene	8.612	78	290467	18.899	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	49352	18.229	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	103881	18.601	ug/l	97
43) Isopropyl Acetate	8.694	43	165800	18.378	ug/l #	86
44) Trichloroethene	9.359	130	67928	18.778	ug/l	94
45) 1,2-Dichloropropane	9.624	63	77396	19.112	ug/l	99
46) Dibromomethane	9.712	93	50896	19.406	ug/l	98
47) Bromodichloromethane	9.894	83	104545	19.378	ug/l	96
48) Methyl methacrylate	9.688	41	72338	18.711	ug/l #	79
49) 1,4-Dioxane	9.700	88	24710	346.997	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	478841	94.022	ug/l	89
52) Toluene	10.635	92	175039	19.347	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	105320	19.371	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	113845	19.128	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	69344	19.092	ug/l	92
56) Ethyl methacrylate	10.882	69	96204	19.275	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	125059	19.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	182635	95.551	ug/l	90
59) 2-Hexanone	11.200	43	349561	95.118	ug/l	86
60) Dibromochloromethane	11.365	129	73507	20.137	ug/l	100
61) 1,2-Dibromoethane	11.476	107	68412	18.979	ug/l	98
64) Tetrachloroethene	11.106	164	54775	18.615	ug/l	96
65) Chlorobenzene	11.894	112	178269	18.714	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	69905	20.042	ug/l	98
67) Ethyl Benzene	11.971	91	318239	19.221	ug/l	98
68) m/p-Xylenes	12.076	106	235148	39.088	ug/l	92
69) o-Xylene	12.406	106	113822	19.239	ug/l	94
70) Styrene	12.418	104	185249	19.823	ug/l	98
71) Bromoform	12.582	173	47401	18.569	ug/l #	99
73) Isopropylbenzene	12.700	105	291612	18.382	ug/l	99
74) N-amyl acetate	12.500	43	114890	17.665	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	104970	19.765	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	122736	24.964	ug/l	67
77) Bromobenzene	12.982	156	70073	18.014	ug/l	98
78) n-propylbenzene	13.041	91	342606	19.088	ug/l	97
79) 2-Chlorotoluene	13.129	91	208931	18.191	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	239934	19.180	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	27825	16.421	ug/l #	81
82) 4-Chlorotoluene	13.223	91	200941	18.386	ug/l	98
83) tert-Butylbenzene	13.441	119	188066	18.349	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	234225	19.619	ug/l	99
85) sec-Butylbenzene	13.623	105	266947	18.673	ug/l	100
86) p-Isopropyltoluene	13.735	119	211358	19.272	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	114266	18.521	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	112976	17.734	ug/l	98
89) n-Butylbenzene	14.059	91	163238	18.639	ug/l	99
90) Hexachloroethane	14.335	117	44196	19.206	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	112783	18.741	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14640	15.959	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	28763	15.432	ug/l	99
94) Hexachlorobutadiene	15.506	225	27186	18.728	ug/l	99
95) Naphthalene	15.647	128	77172	13.559	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	34037	15.303	ug/l	98

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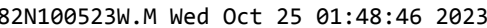
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

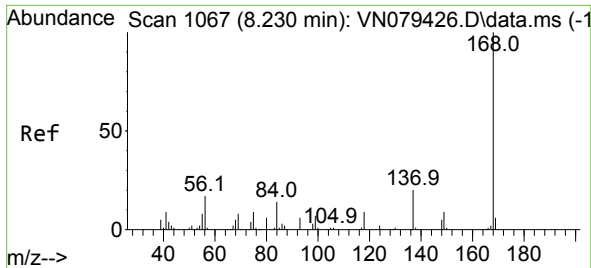
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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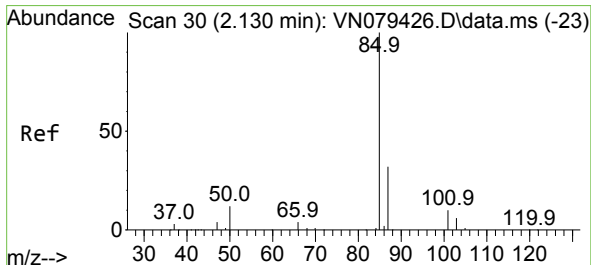
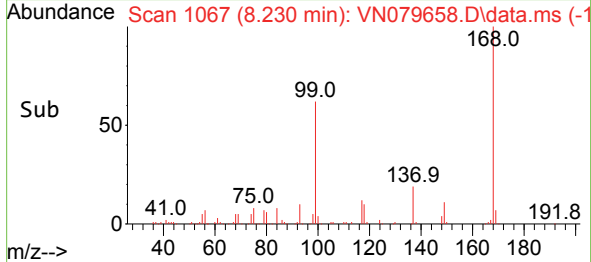
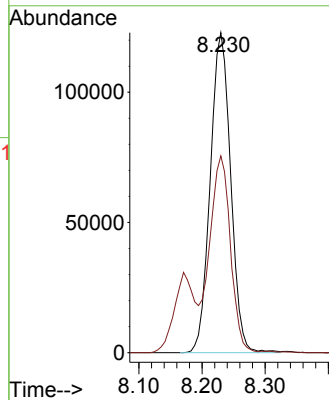
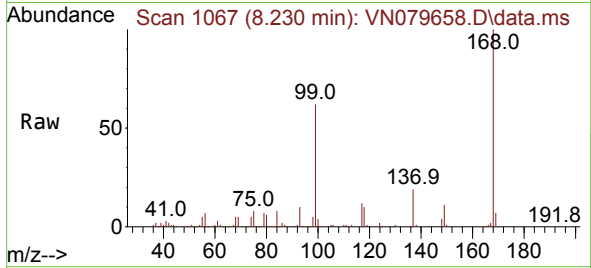




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079658.D
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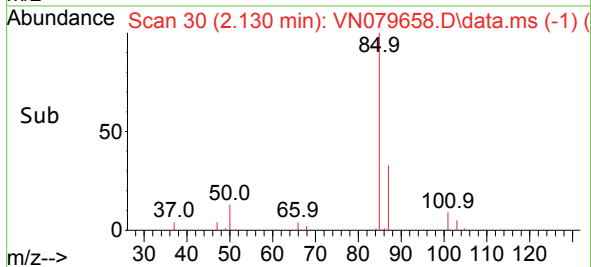
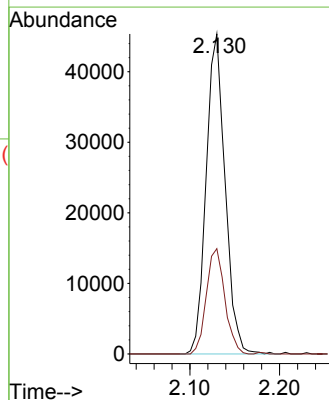
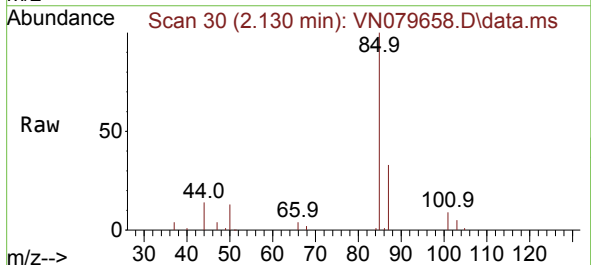
Instrument :
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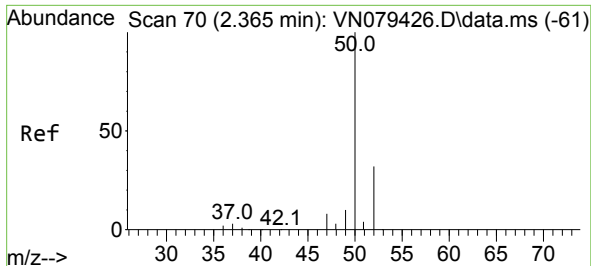
Tgt Ion:168 Resp: 275700
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 16.806 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 85 Resp: 66394
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4

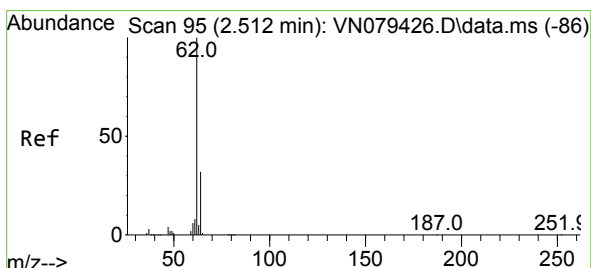
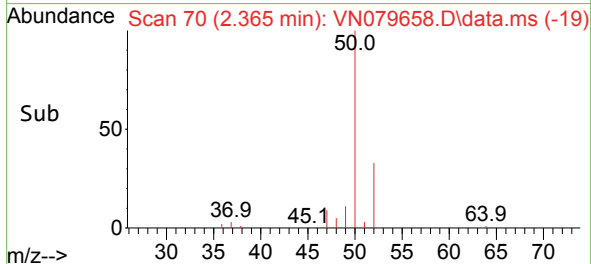
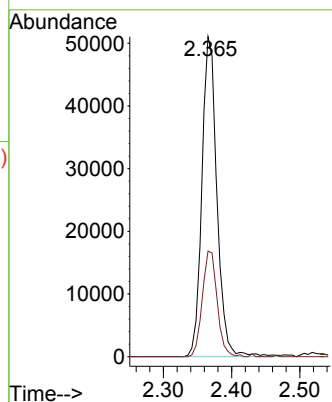
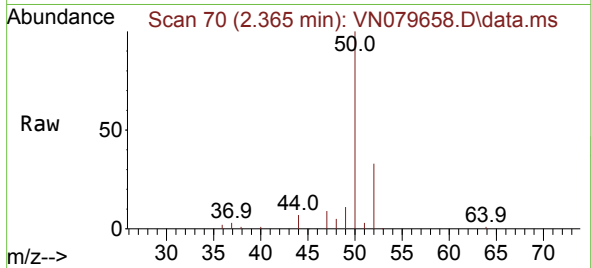




#3
Chloromethane
Concen: 15.895 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

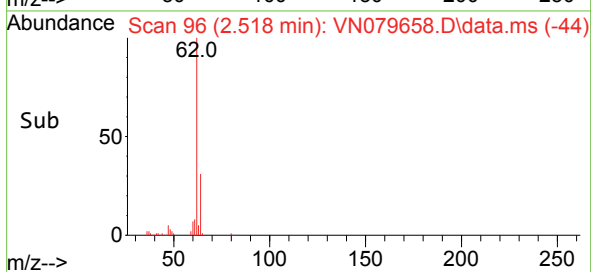
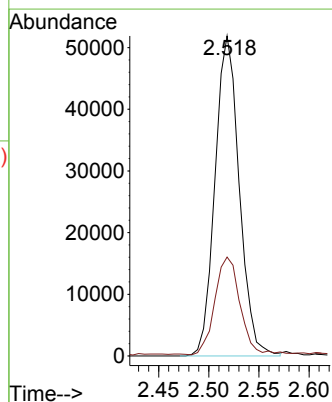
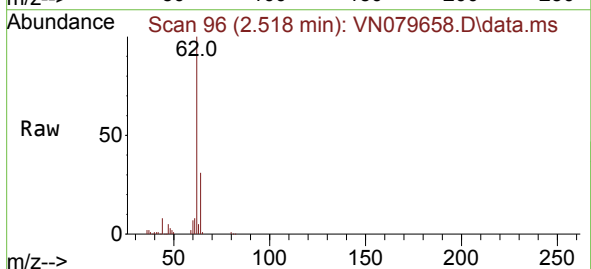
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ClientSampleId :
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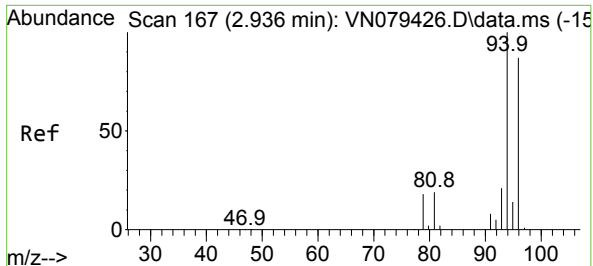
Tgt Ion: 50 Resp: 78354
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7



#4
Vinyl Chloride
Concen: 17.022 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 62 Resp: 87280
Ion Ratio Lower Upper
62 100
64 30.3 26.2 39.2

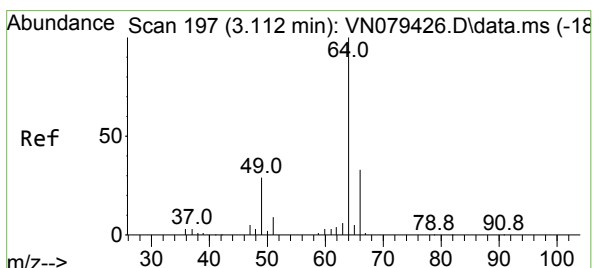
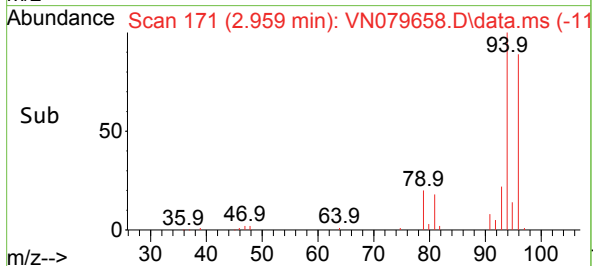
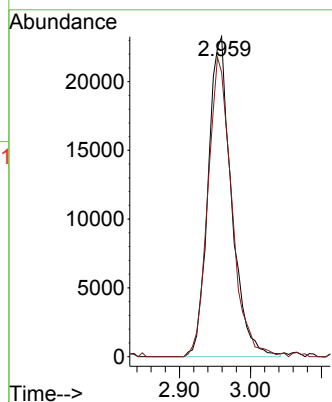
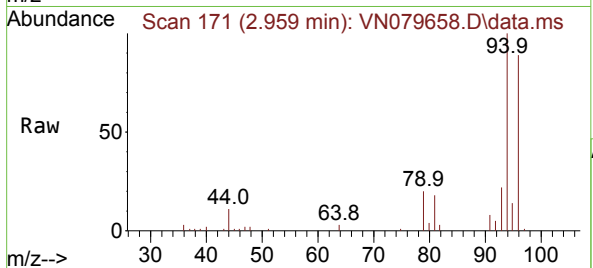




#5
Bromomethane
Concen: 17.285 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

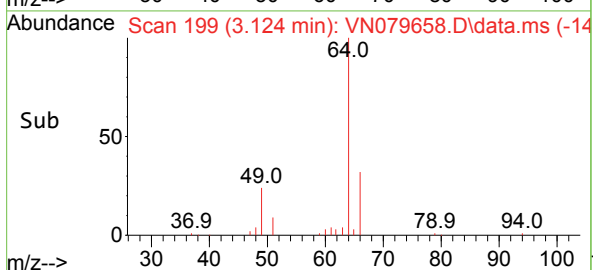
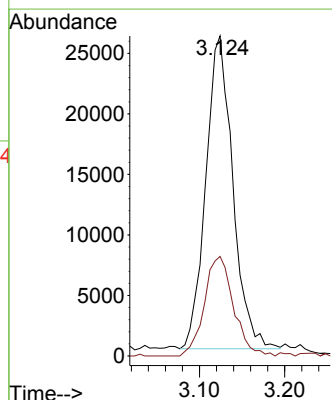
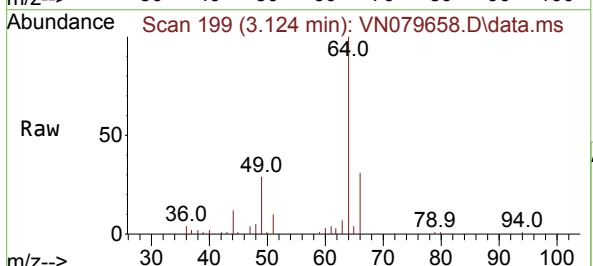
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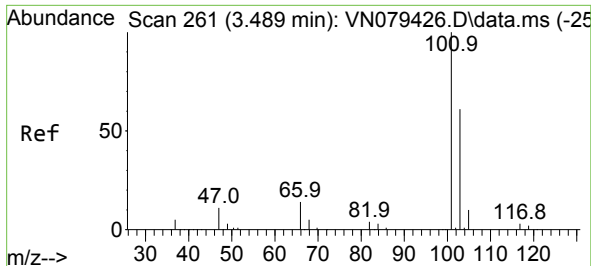
Tgt Ion: 94 Resp: 53057
Ion Ratio Lower Upper
94 100
96 88.8 73.1 109.7



#6
Chloroethane
Concen: 14.727 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 64 Resp: 56929
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2

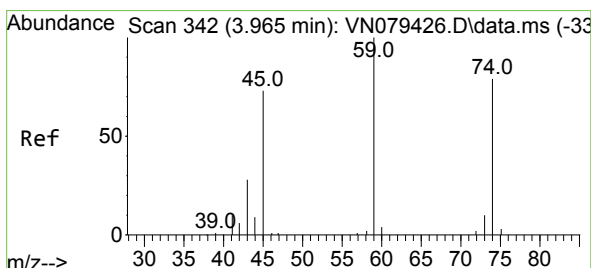
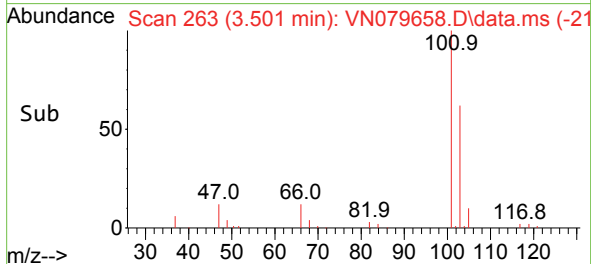
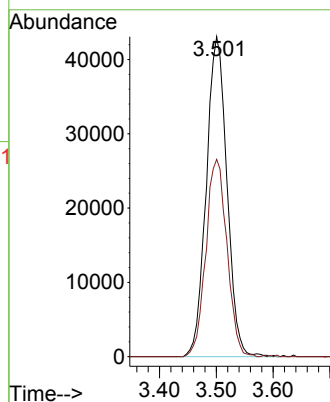
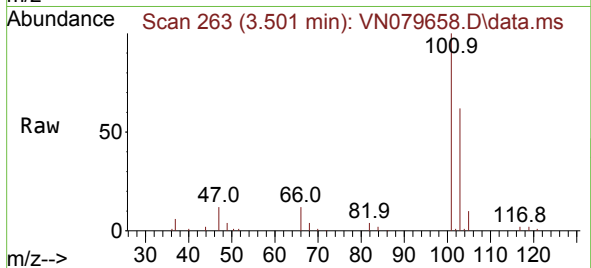




#7
 Trichlorofluoromethane
 Concen: 17.935 ug/l
 RT: 3.501 min Scan# 261
 Delta R.T. 0.012 min
 Lab File: VN079658.D
 Acq: 24 Oct 2023 15:25

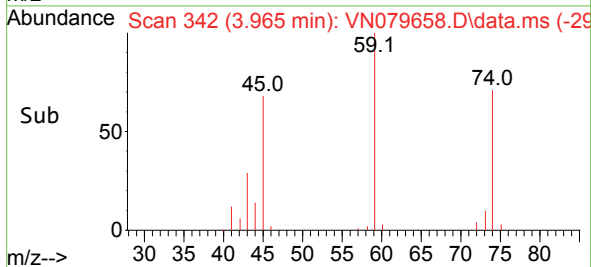
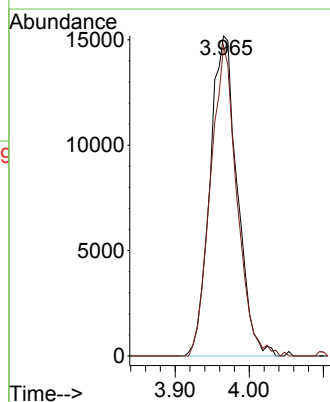
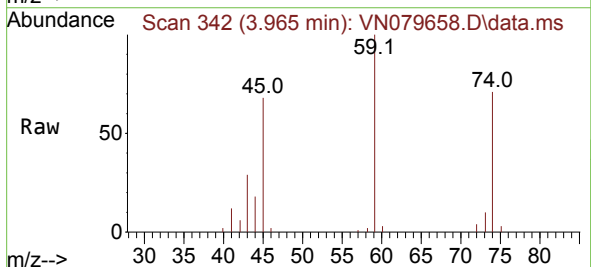
Instrument :
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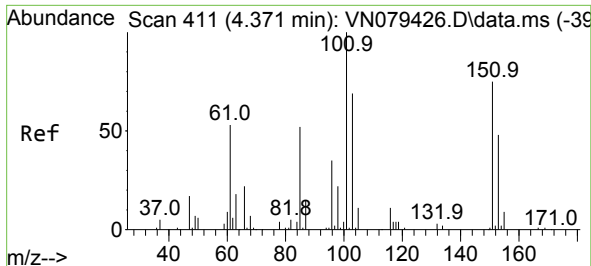
Tgt Ion:101 Resp: 108577
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.054 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 38965
 Ion Ratio Lower Upper
 74 100
 45 93.6 34.4 103.3

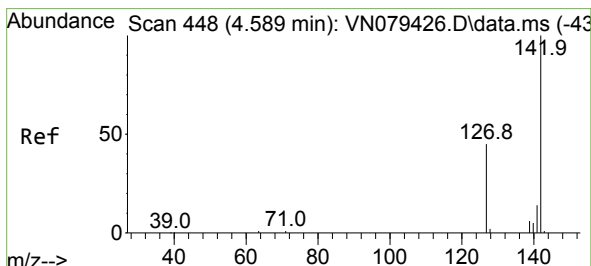
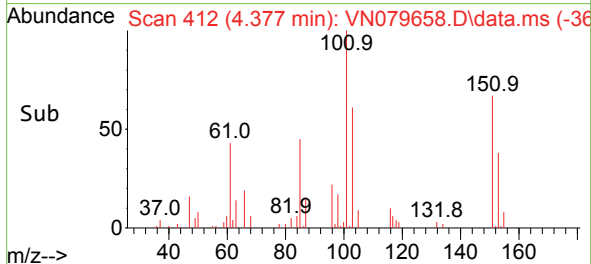
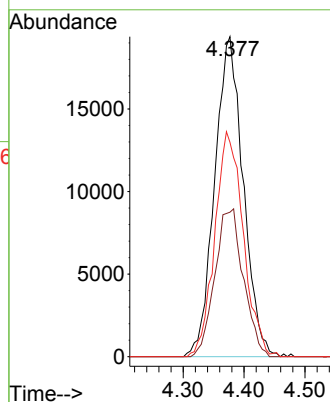
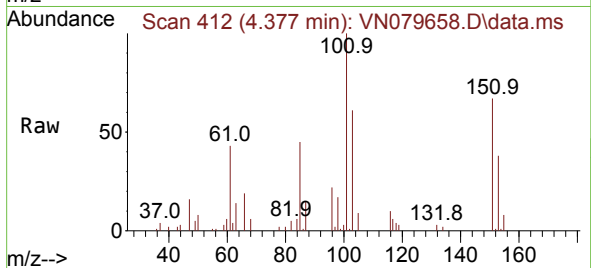




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.809 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

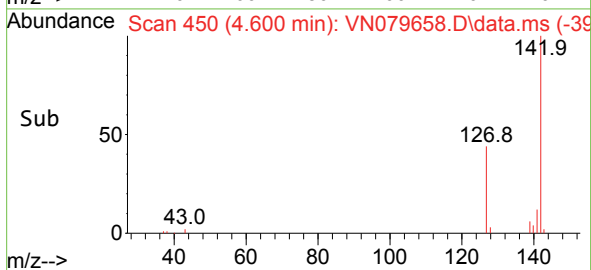
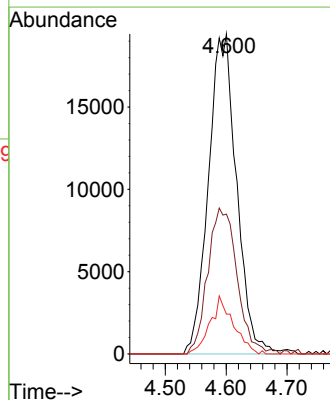
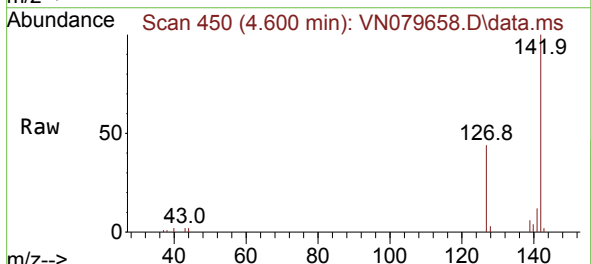
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

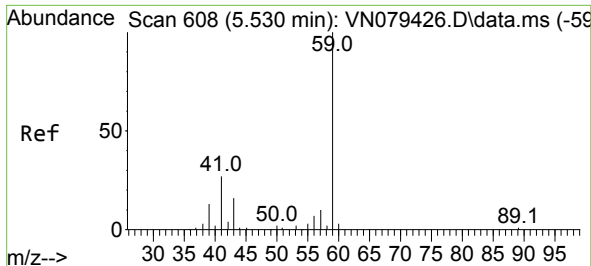
Tgt Ion:101 Resp: 63005
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 70.3 57.6 86.4



#10
Methyl Iodide
Concen: 20.284 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.011 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion:142 Resp: 62270
Ion Ratio Lower Upper
142 100
127 43.7 37.6 56.4
141 12.5 11.4 17.0

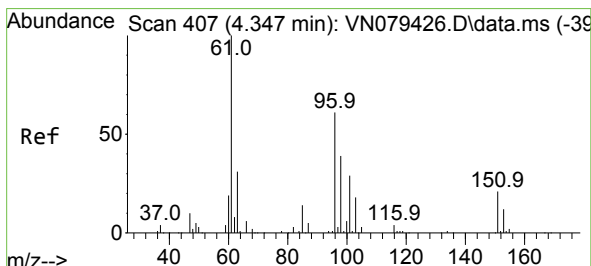
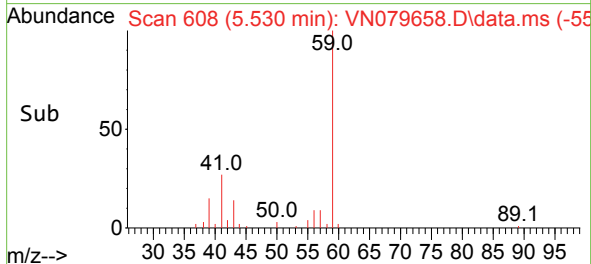
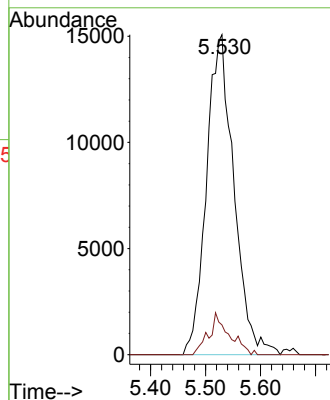
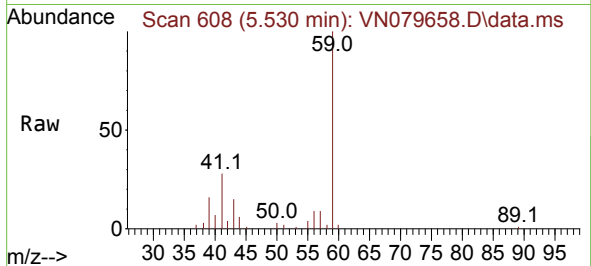




#11
Tert butyl alcohol
Concen: 77.610 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

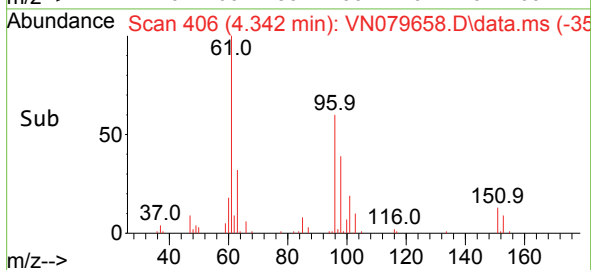
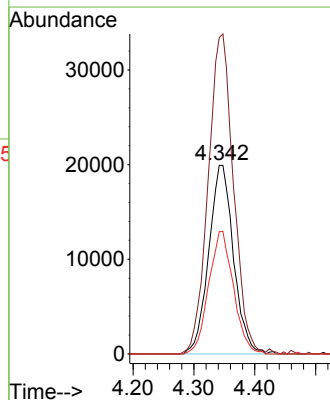
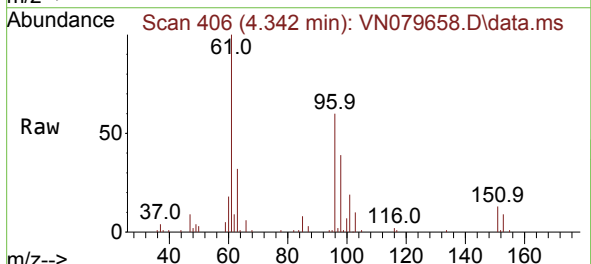
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

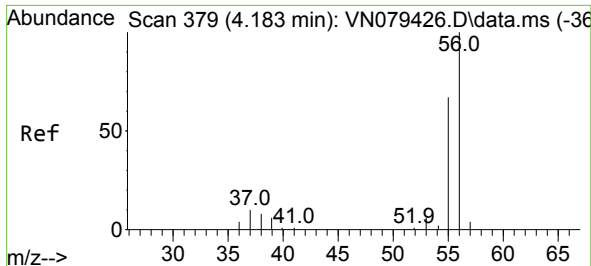
Tgt Ion: 59 Resp: 52217
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.261 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 96 Resp: 56227
Ion Ratio Lower Upper
96 100
61 167.6 112.7 169.1
98 64.8 51.2 76.8





#13

Acrolein

Concen: 70.886 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

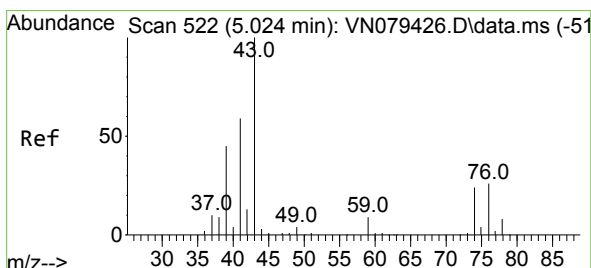
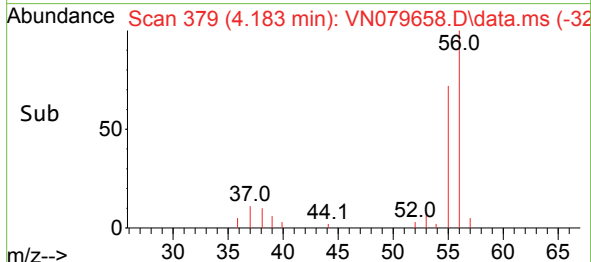
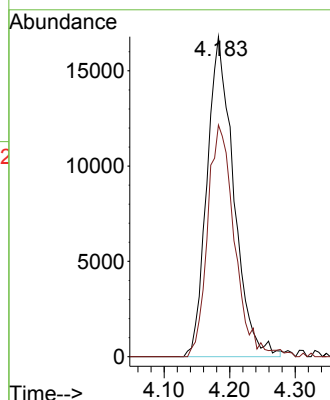
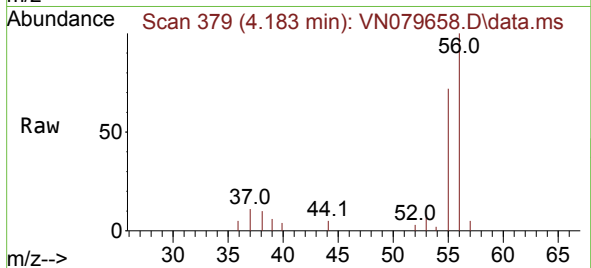
VN1024WBS01

Tgt Ion: 56 Resp: 47489

Ion Ratio Lower Upper

56 100

55 73.2 54.5 81.7



#14

Allyl chloride

Concen: 18.896 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

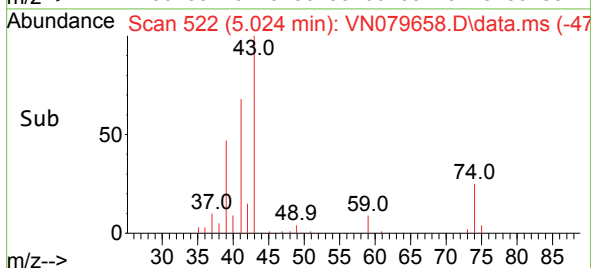
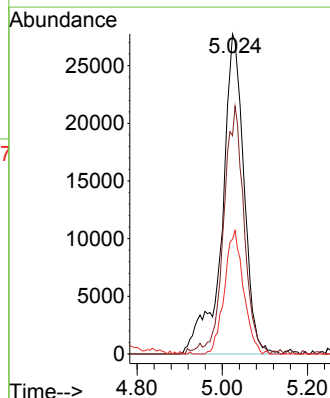
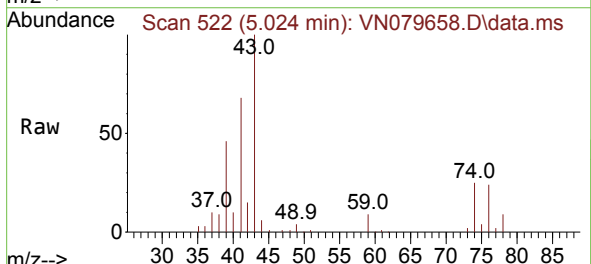
Tgt Ion: 41 Resp: 99329

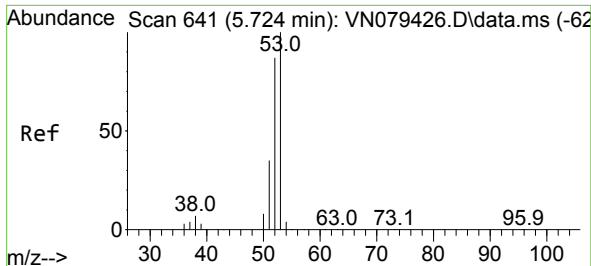
Ion Ratio Lower Upper

41 100

39 70.9 58.8 88.2

76 33.5 39.1 58.7#

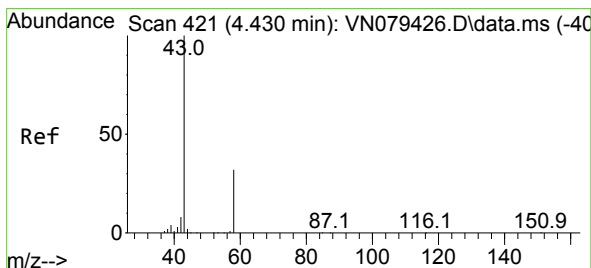
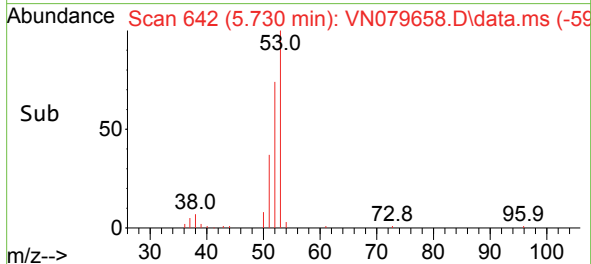
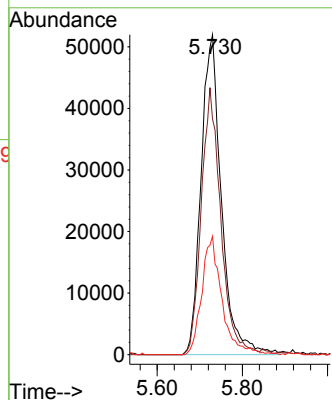
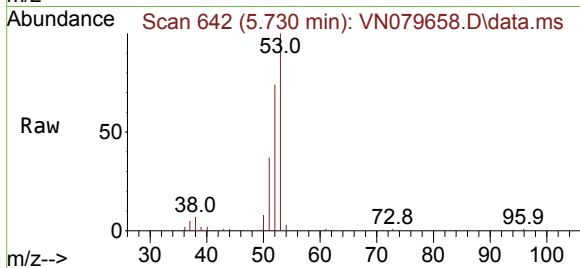




#15
Acrylonitrile
Concen: 88.475 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

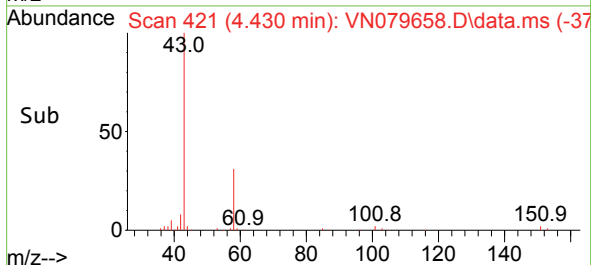
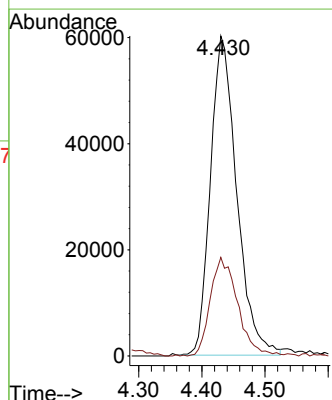
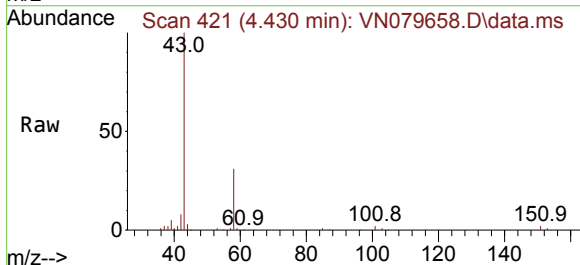
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

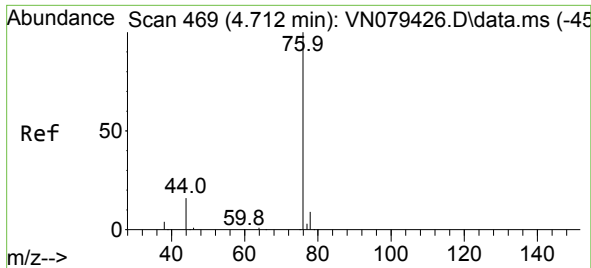
Tgt Ion: 53 Resp: 172578
Ion Ratio Lower Upper
53 100
52 79.7 65.3 97.9
51 36.6 28.9 43.3



#16
Acetone
Concen: 98.161 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 43 Resp: 174044
Ion Ratio Lower Upper
43 100
58 30.9 28.0 42.0

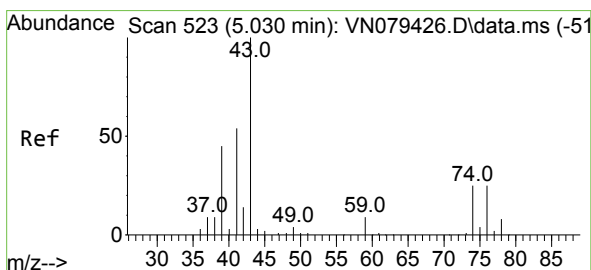
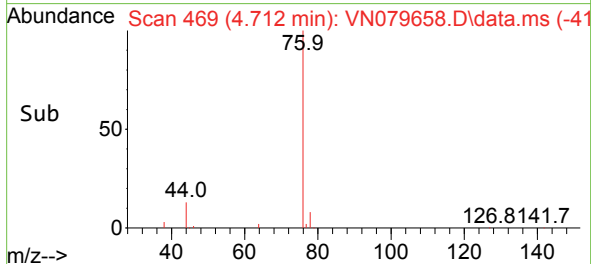
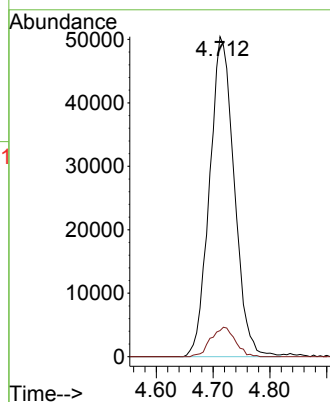
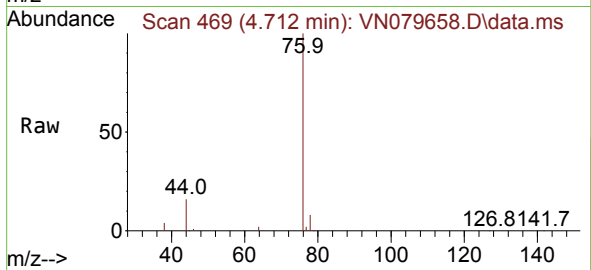




#17
Carbon Disulfide
Concen: 14.970 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

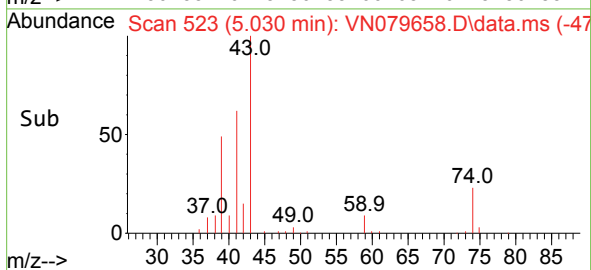
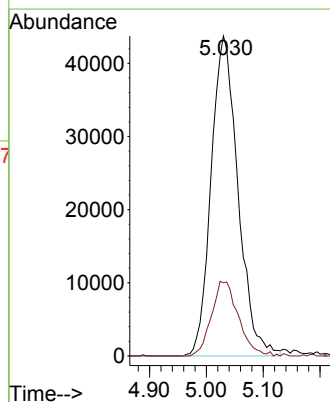
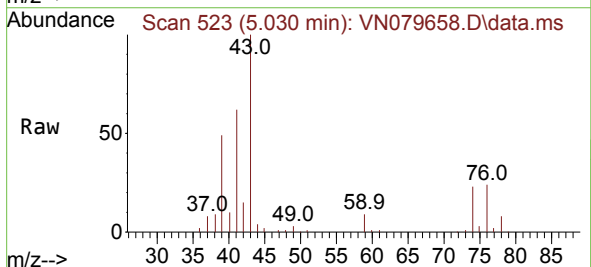
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

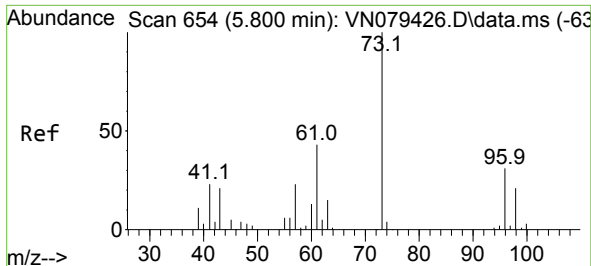
Tgt Ion: 76 Resp: 152106
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#18
Methyl Acetate
Concen: 16.563 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 43 Resp: 143734
Ion Ratio Lower Upper
43 100
74 23.5 26.2 39.4#

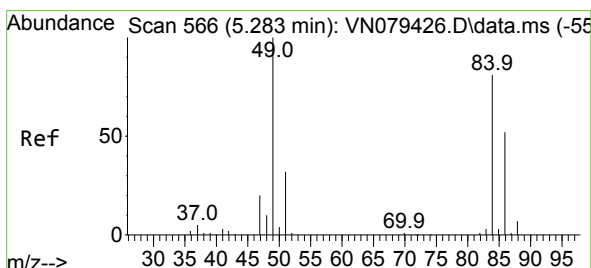
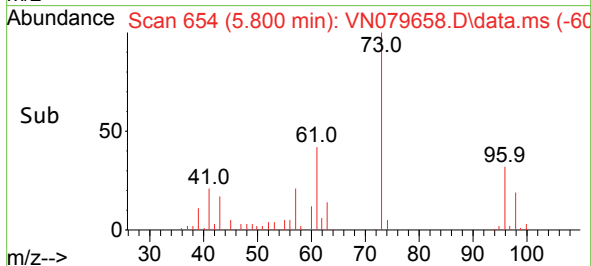
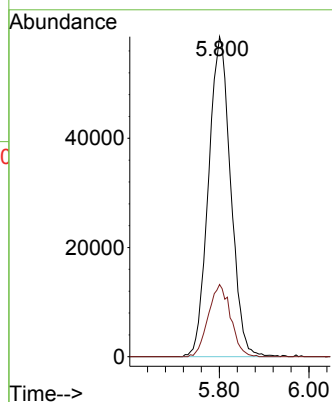
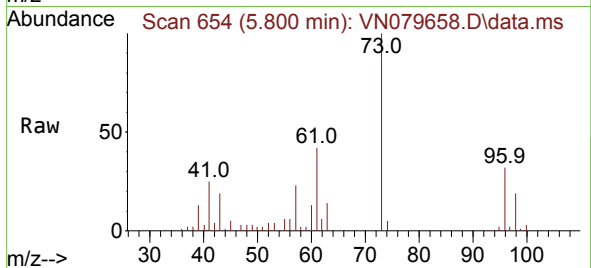




#19
Methyl tert-butyl Ether
Concen: 19.048 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

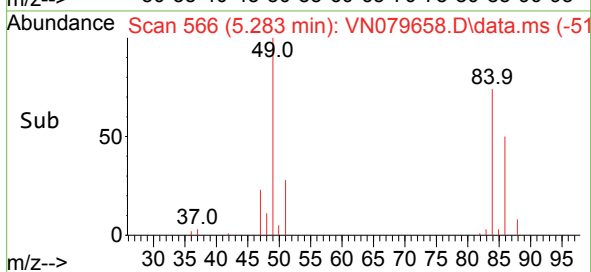
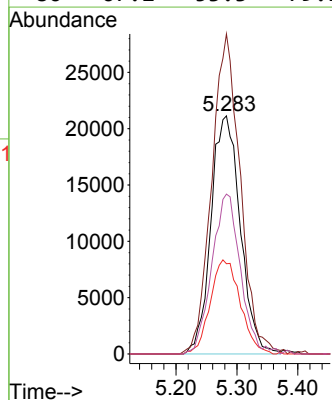
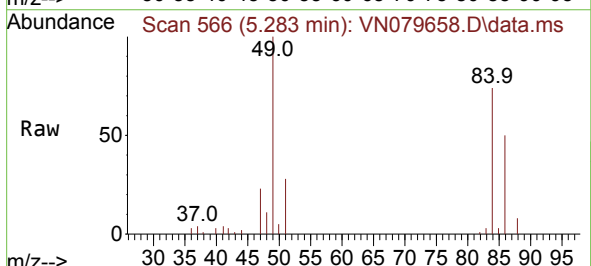
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

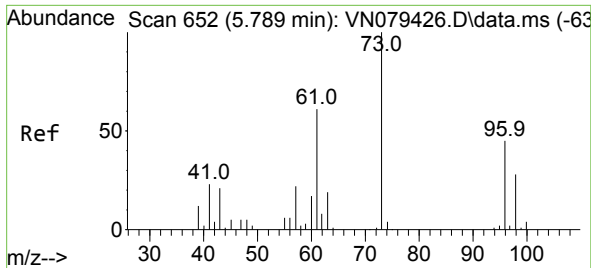
Tgt Ion: 73 Resp: 201602
Ion Ratio Lower Upper
73 100
57 22.5 15.6 23.4



#20
Methylene Chloride
Concen: 17.804 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 84 Resp: 70634
Ion Ratio Lower Upper
84 100
49 134.4 79.7 119.5#
51 37.9 25.2 37.8#
86 67.2 53.3 79.9

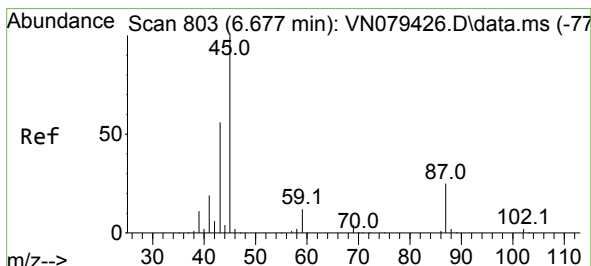
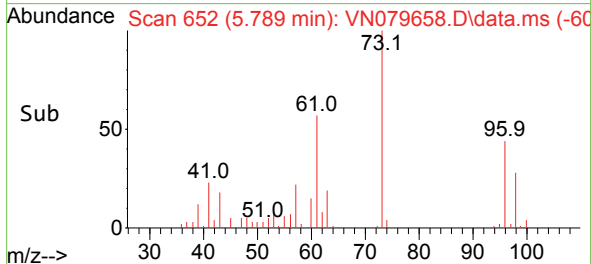
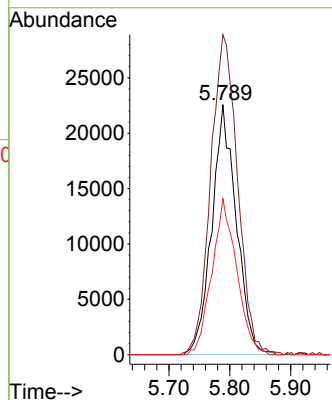
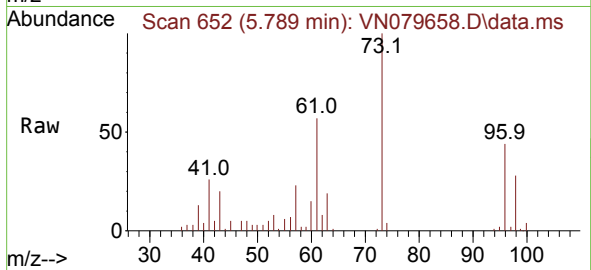




#21
trans-1,2-Dichloroethene
Concen: 16.569 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

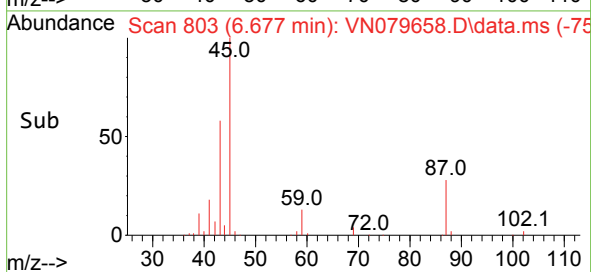
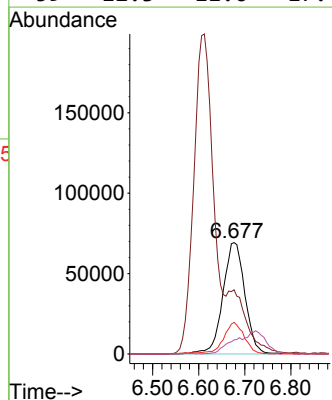
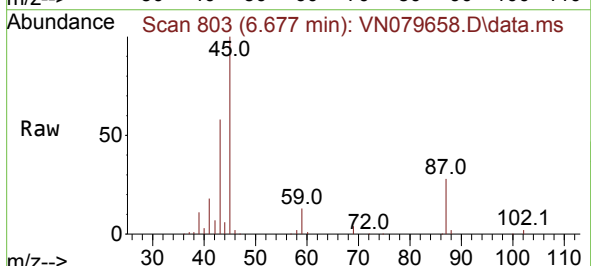
Instrument :
MSVOA_N
ClientSampleId :
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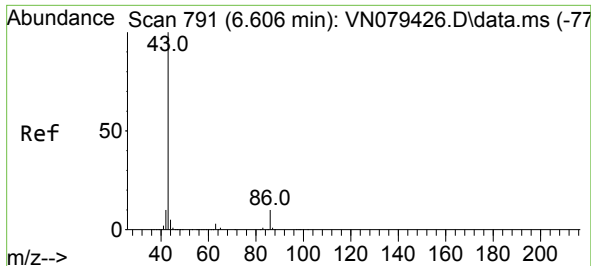
Tgt Ion: 96 Resp: 63036
Ion Ratio Lower Upper
96 100
61 128.0 90.1 135.1
98 62.3 46.4 69.6



#22
Diisopropyl ether
Concen: 19.464 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 45 Resp: 229430
Ion Ratio Lower Upper
45 100
43 55.9 45.5 68.3
87 28.2 31.8 47.8#
59 12.3 11.6 17.4

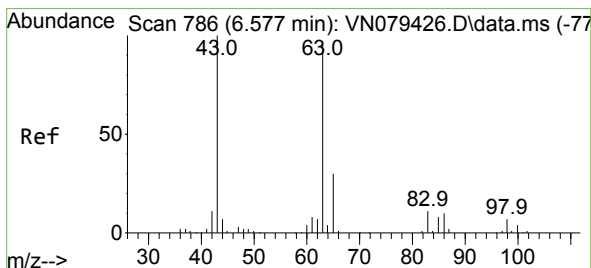
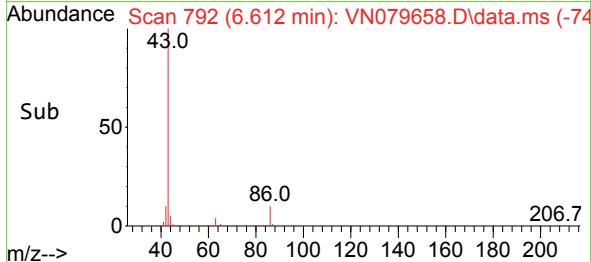
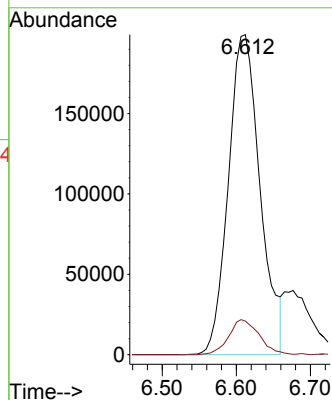
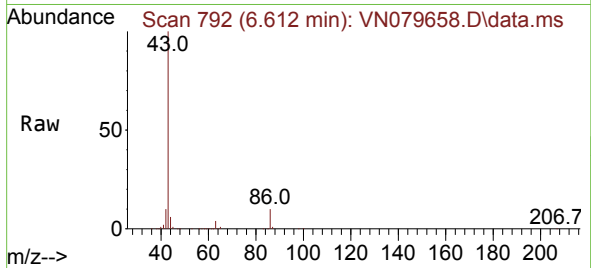




#23
 Vinyl Acetate
 Concen: 89.446 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079658.D
 Acq: 24 Oct 2023 15:25

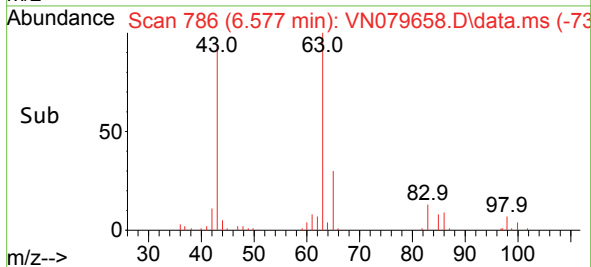
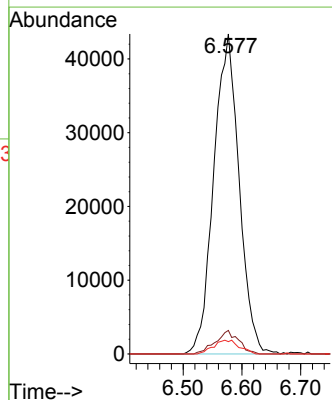
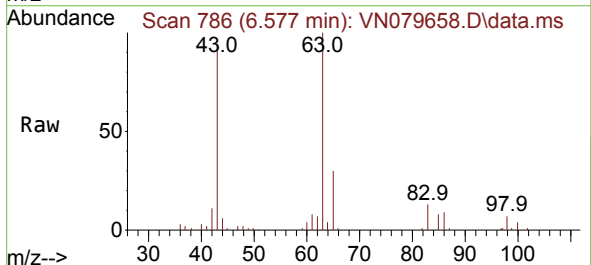
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS01

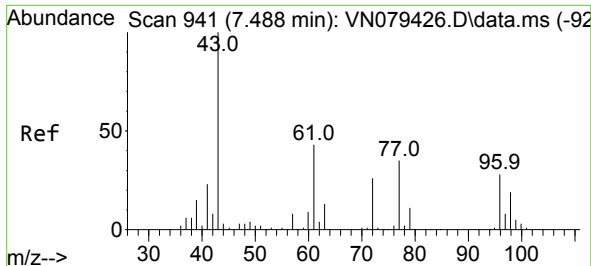
Tgt Ion: 43 Resp: 593062
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 18.008 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN079658.D
 Acq: 24 Oct 2023 15:25

Tgt Ion: 63 Resp: 129912
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 3.8 2.5 7.4

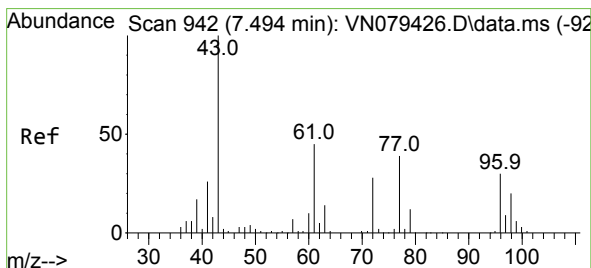
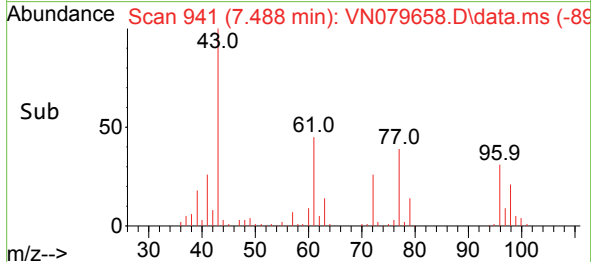
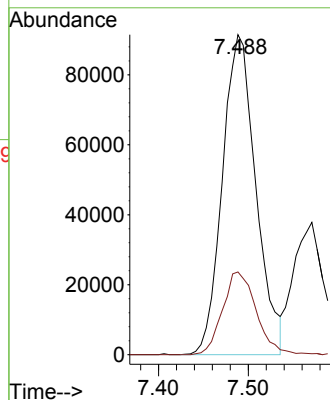
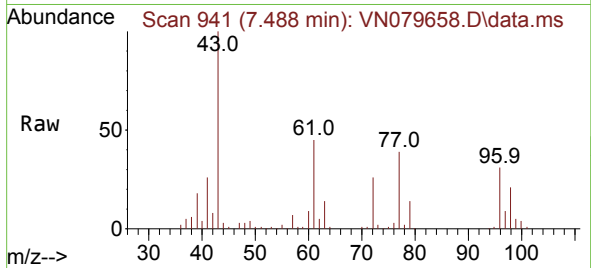




#25
2-Butanone
Concen: 90.063 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

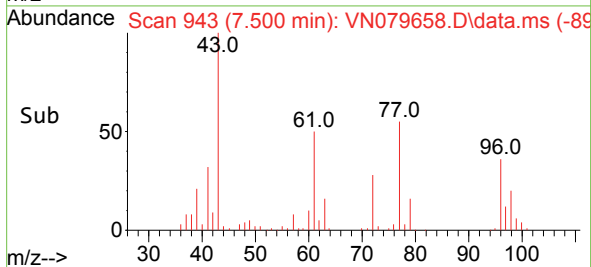
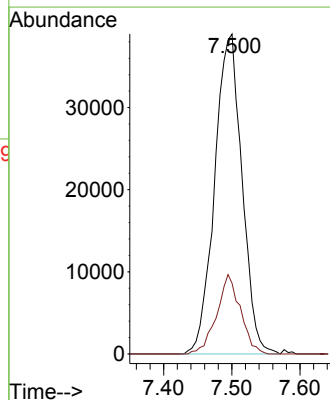
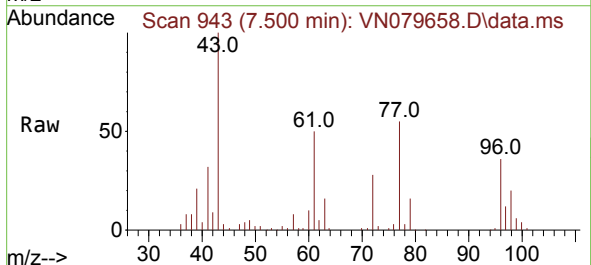
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

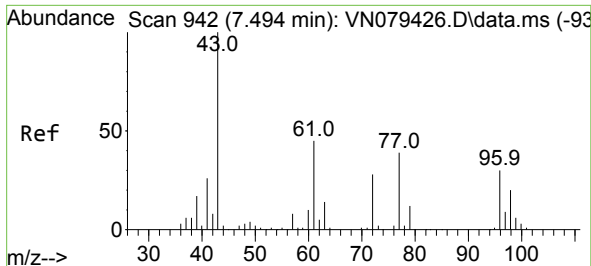
Tgt Ion: 43 Resp: 237008
Ion Ratio Lower Upper
43 100
72 25.9 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 19.722 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 77 Resp: 108730
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 18.112 ug/l

RT: 7.488 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS01

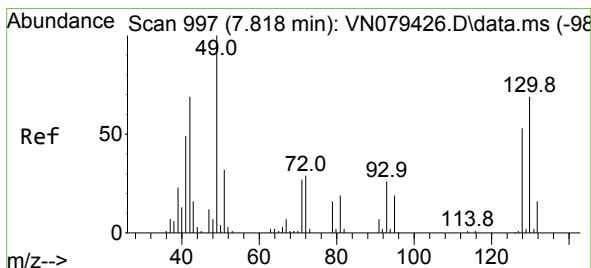
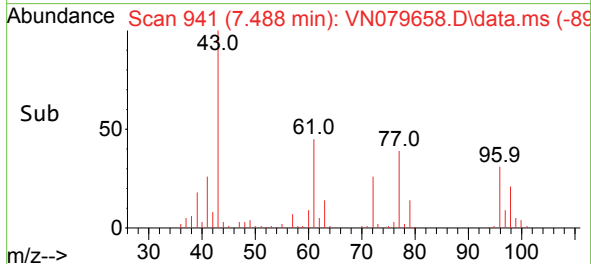
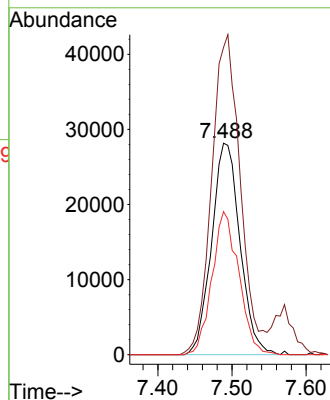
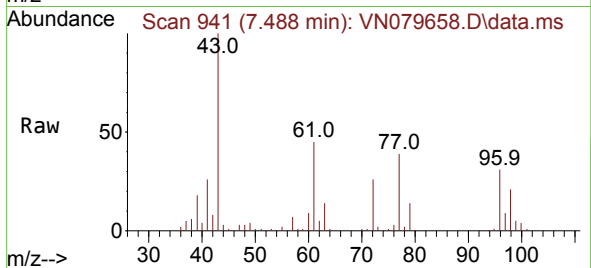
Tgt Ion: 96 Resp: 74859

Ion Ratio Lower Upper

96 100

61 153.3 0.0 255.2

98 64.0 0.0 128.8



#28

Bromochloromethane

Concen: 22.678 ug/l

RT: 7.818 min Scan# 997

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

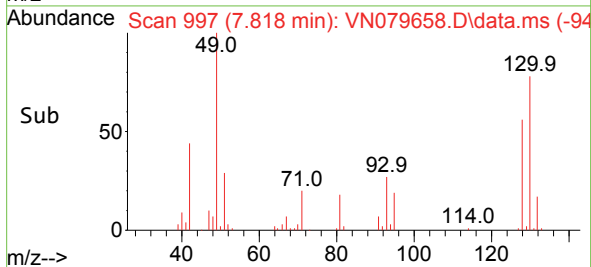
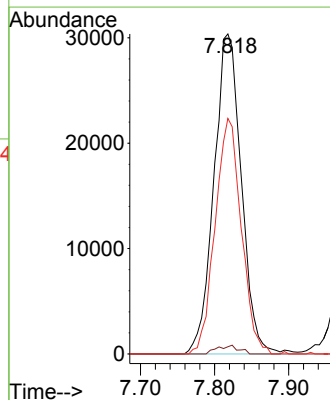
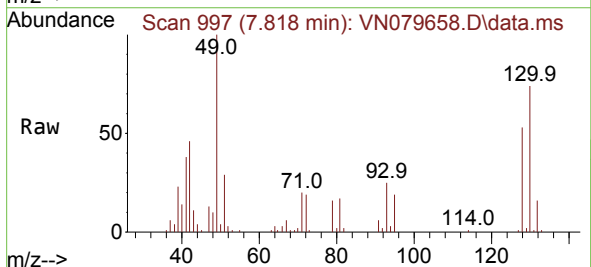
Tgt Ion: 49 Resp: 77840

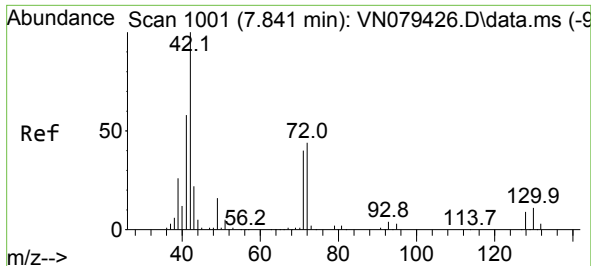
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.8

130 70.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 87.426 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS01

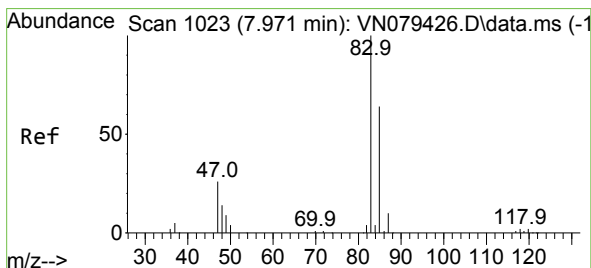
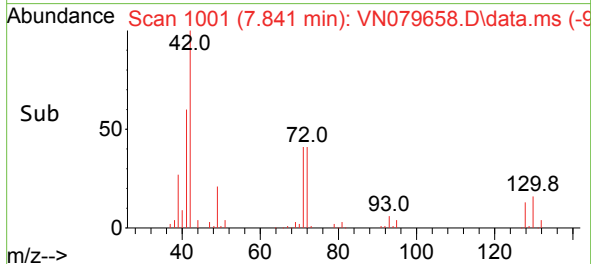
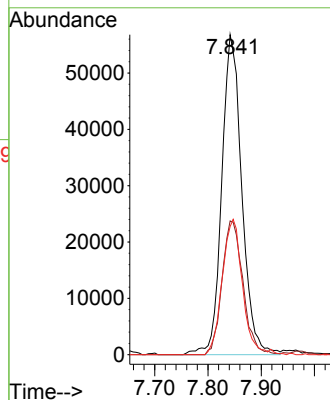
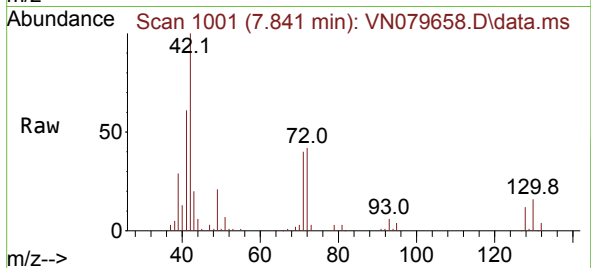
Tgt Ion: 42 Resp: 148797

Ion Ratio Lower Upper

42 100

72 43.5 49.8 74.6#

71 42.7 47.4 71.2#



#30

Chloroform

Concen: 18.501 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079658.D

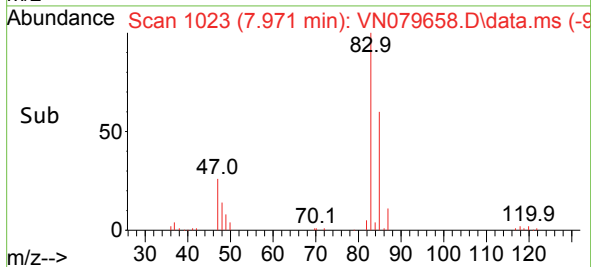
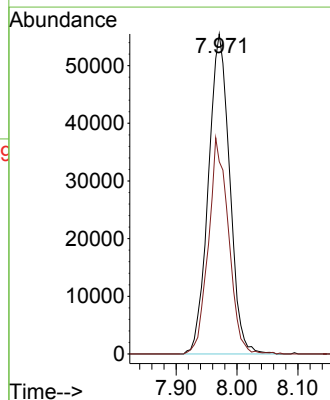
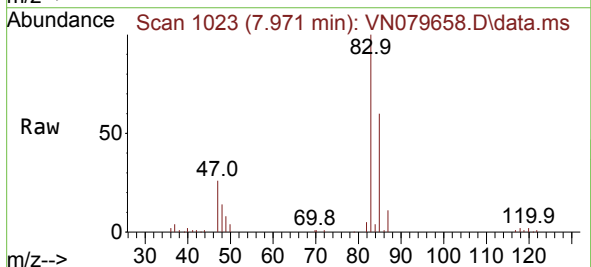
Acq: 24 Oct 2023 15:25

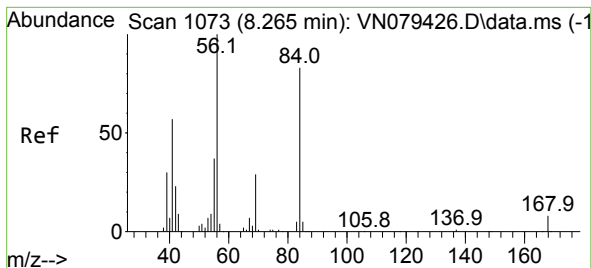
Tgt Ion: 83 Resp: 134855

Ion Ratio Lower Upper

83 100

85 60.1 55.4 83.0





#31

Cyclohexane

Concen: 16.750 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS01

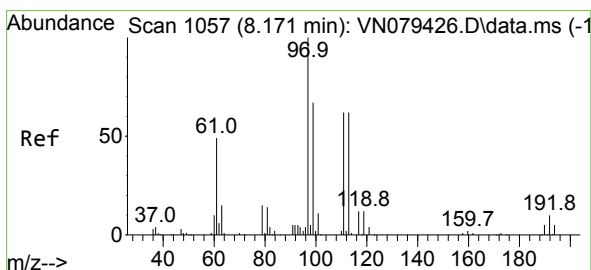
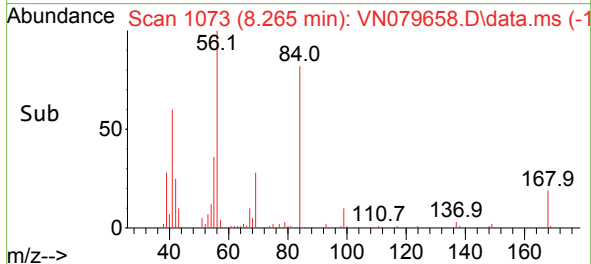
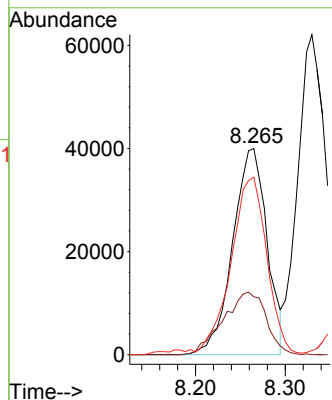
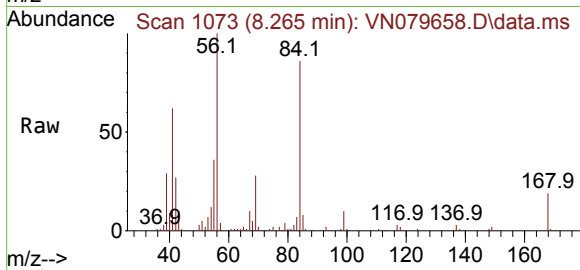
Tgt Ion: 56 Resp: 106208

Ion Ratio Lower Upper

56 100

69 28.1 26.8 40.2

84 83.9 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 18.292 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

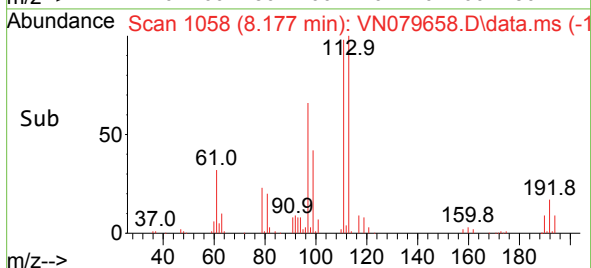
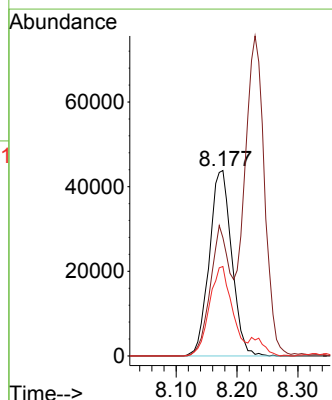
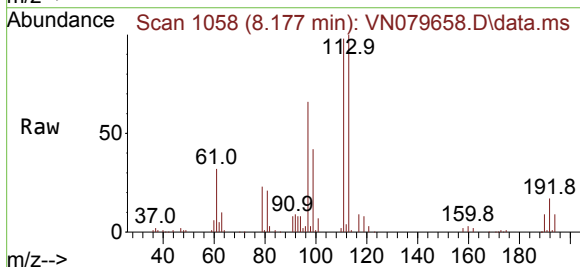
Tgt Ion: 97 Resp: 112202

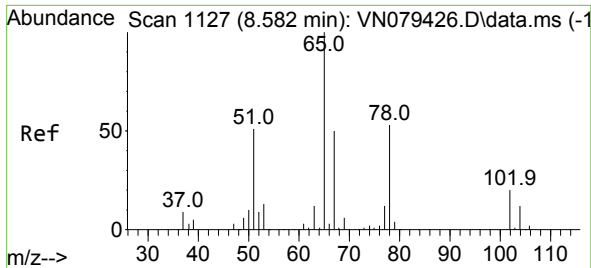
Ion Ratio Lower Upper

97 100

99 61.6 50.3 75.5

61 49.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.863 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

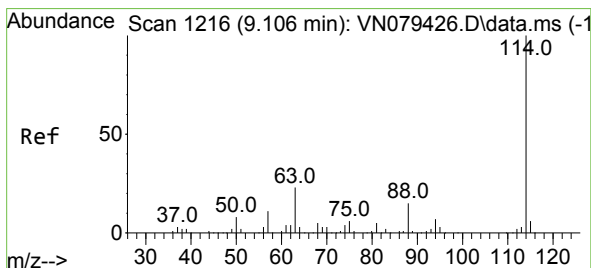
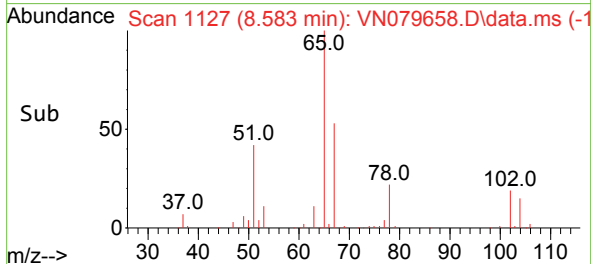
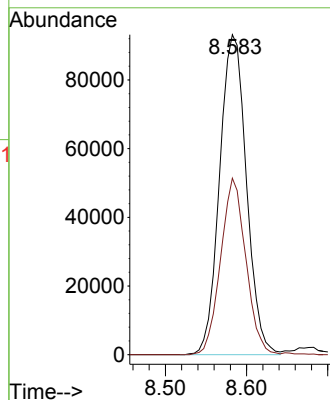
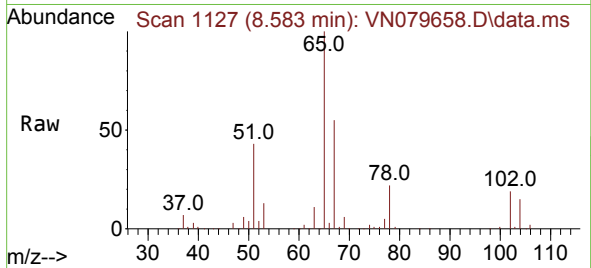
VN1024WBS01

Tgt Ion: 65 Resp: 213959

Ion Ratio Lower Upper

65 100

67 51.8 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: VN079658.D

Acq: 24 Oct 2023 15:25

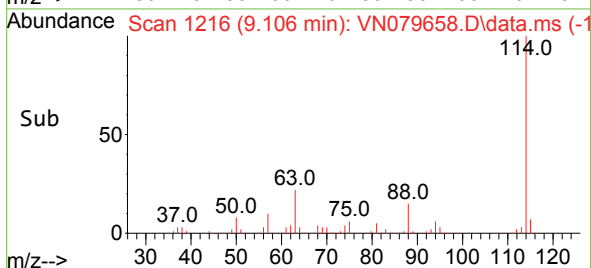
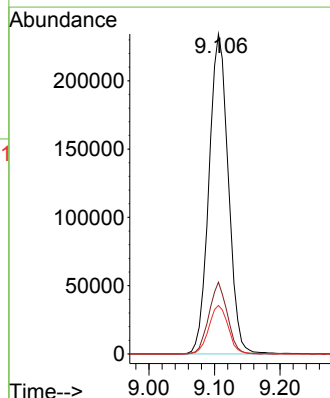
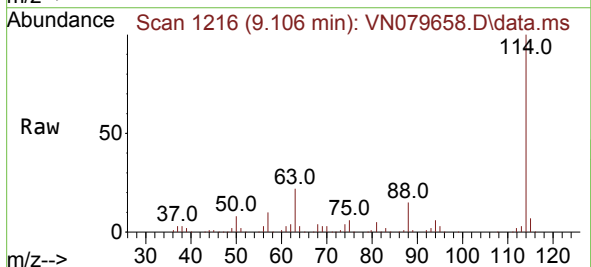
Tgt Ion: 114 Resp: 479829

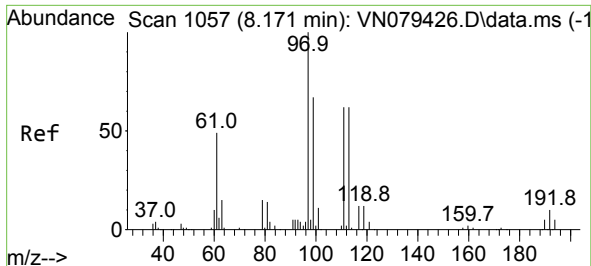
Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.873 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS01

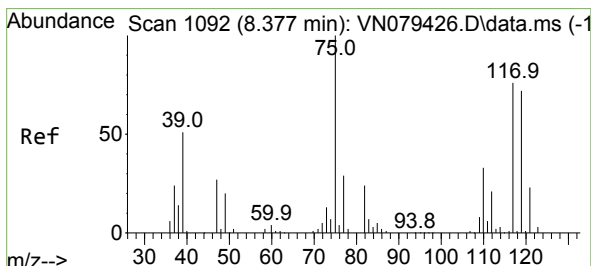
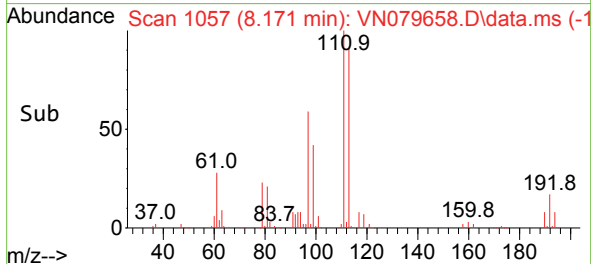
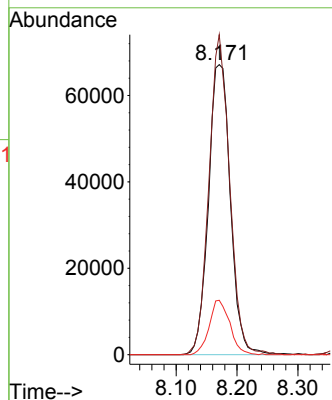
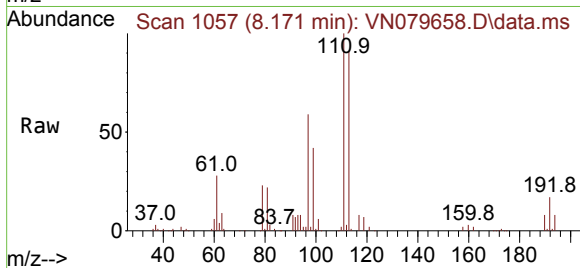
Tgt Ion:113 Resp: 168524

Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 17.6 12.7 19.1



#36

1,1-Dichloropropene

Concen: 18.748 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

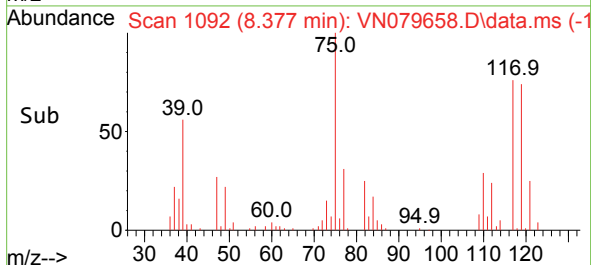
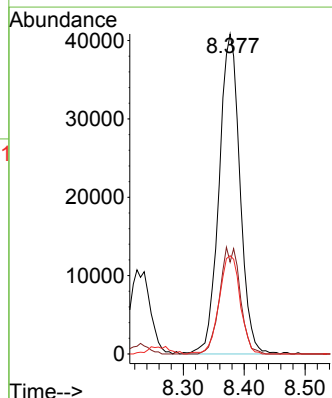
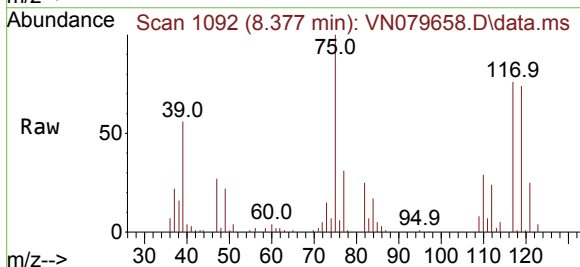
Tgt Ion: 75 Resp: 97025

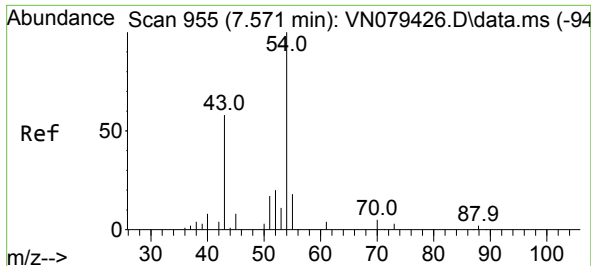
Ion Ratio Lower Upper

75 100

110 32.9 19.1 57.3

77 31.0 25.0 37.4

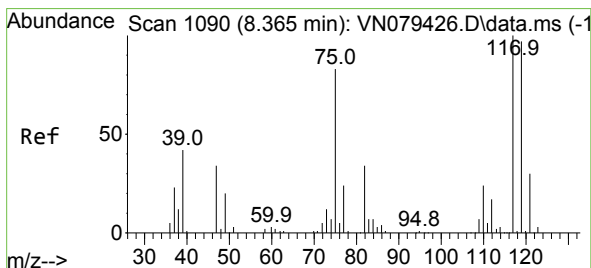
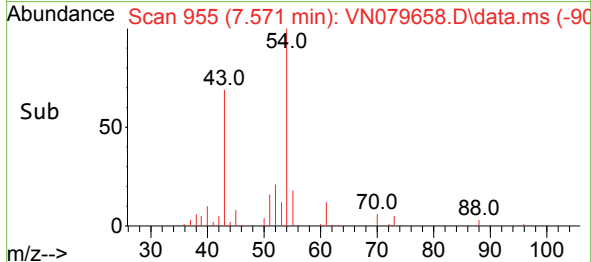
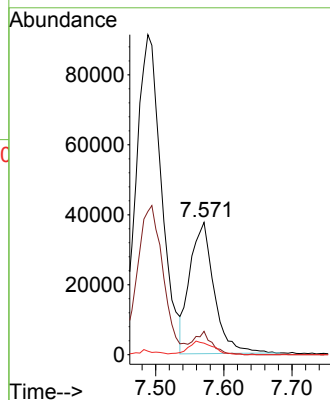
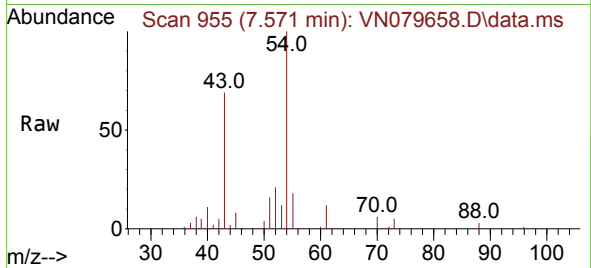




#37
Ethyl Acetate
Concen: 18.045 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

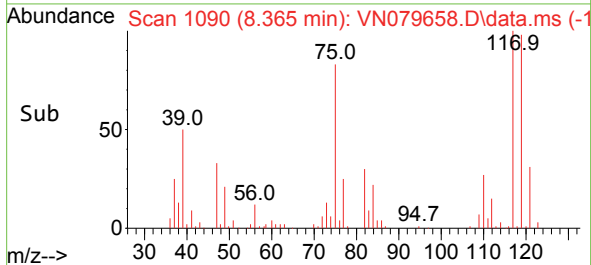
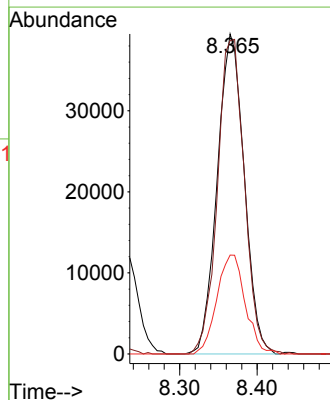
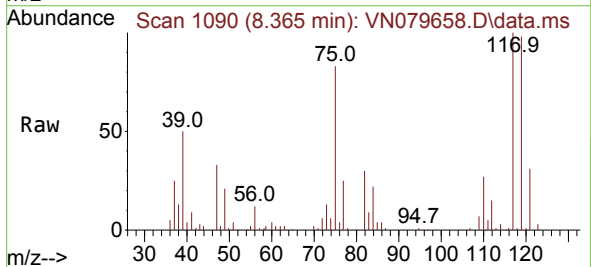
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

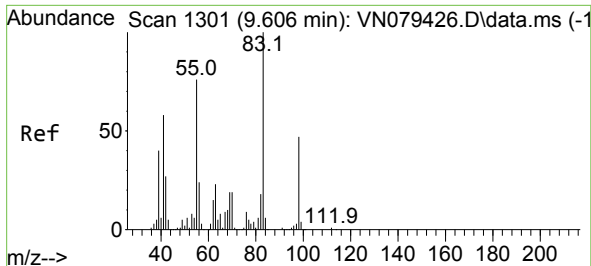
Tgt Ion: 43 Resp: 92924
Ion Ratio Lower Upper
43 100
61 12.8 13.2 19.8#
70 10.5 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 18.423 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 117 Resp: 95451
Ion Ratio Lower Upper
117 100
119 97.9 77.3 115.9
121 30.9 23.3 34.9





#39

Methylcyclohexane

Concen: 17.265 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS01

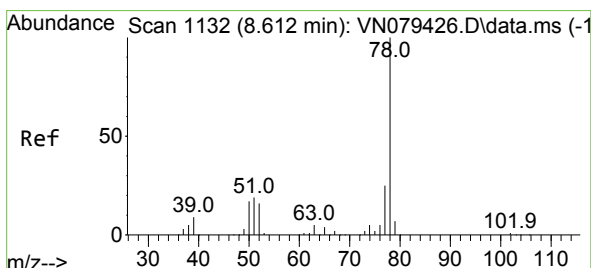
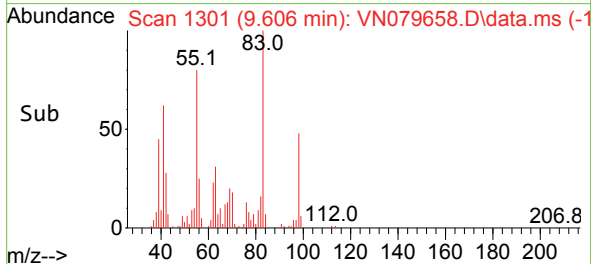
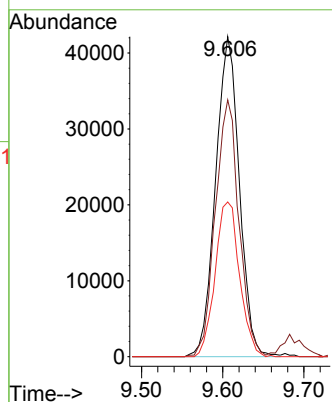
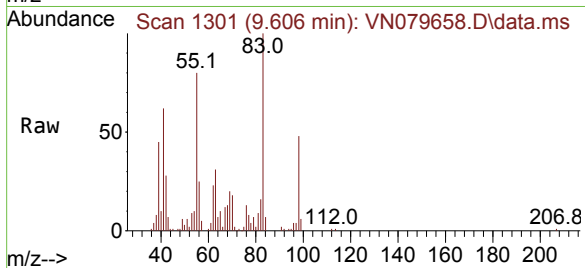
Tgt Ion: 83 Resp: 85845

Ion Ratio Lower Upper

83 100

55 80.3 49.1 73.7#

98 48.3 40.6 61.0



#40

Benzene

Concen: 18.899 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079658.D

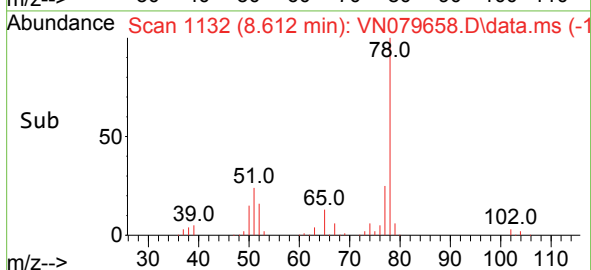
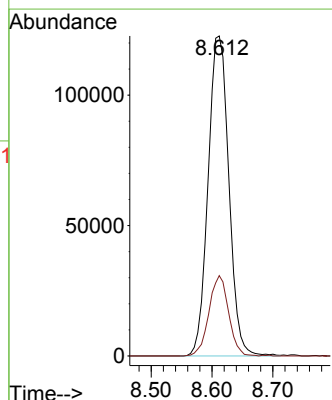
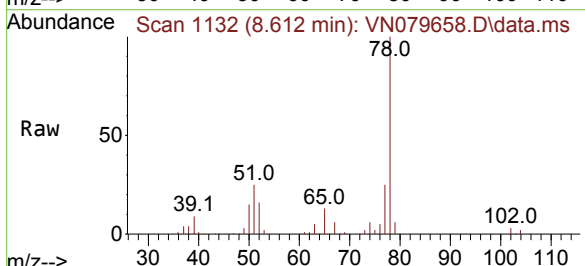
Acq: 24 Oct 2023 15:25

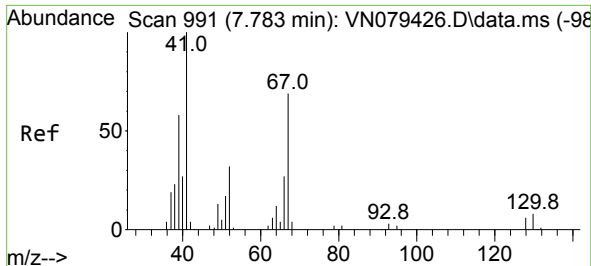
Tgt Ion: 78 Resp: 290467

Ion Ratio Lower Upper

78 100

77 25.1 19.0 28.6

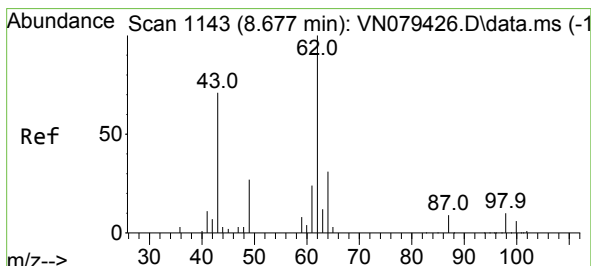
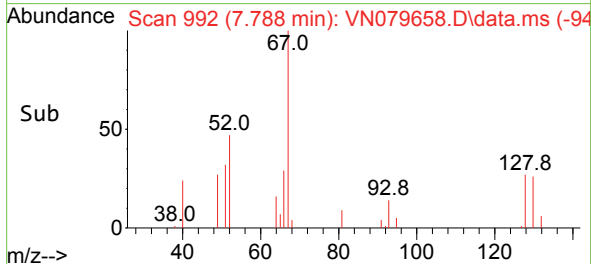
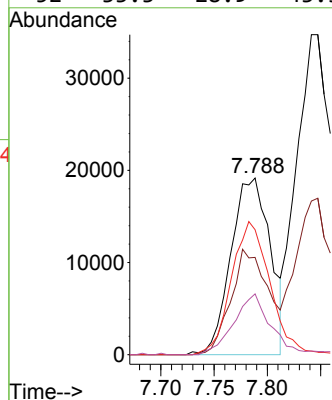
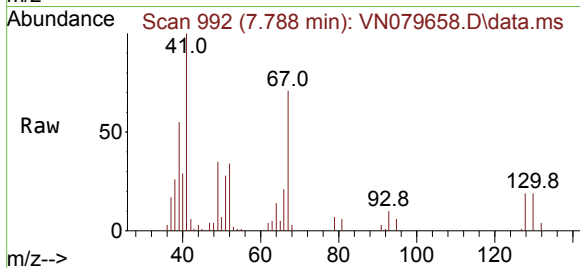




#41
Methacrylonitrile
Concen: 18.229 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

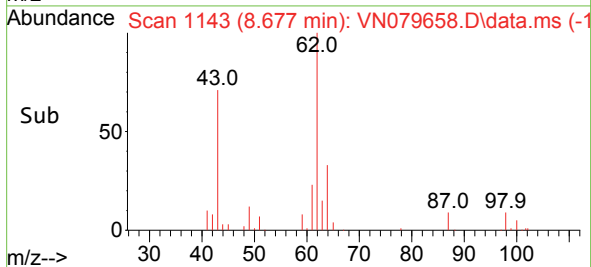
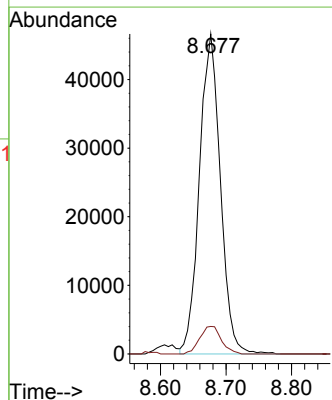
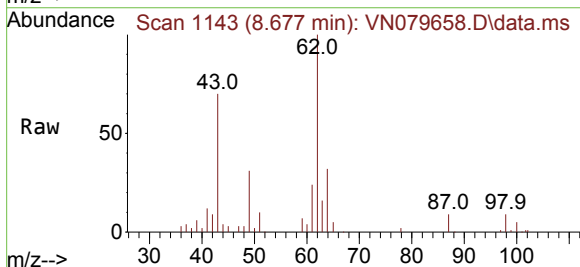
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

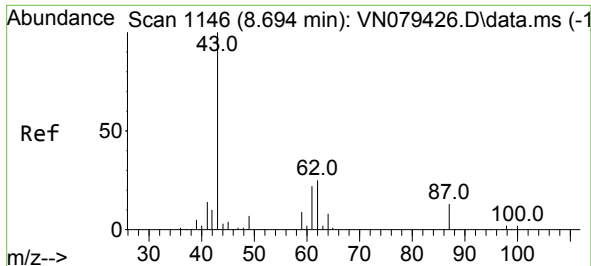
Tgt Ion:	41	Resp:	49352
Ion	Ratio	Lower	Upper
41	100		
39	56.8	42.6	64.0
67	73.9	77.5	116.3
52	33.3	28.9	43.3



#42
1,2-Dichloroethane
Concen: 18.601 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion:	62	Resp:	103881
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.8

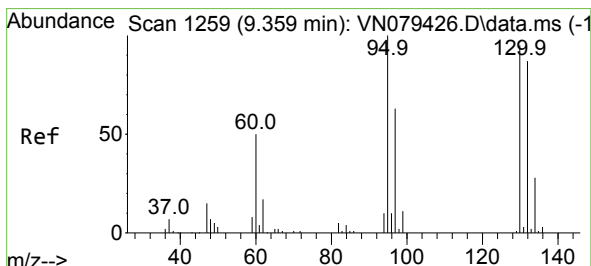
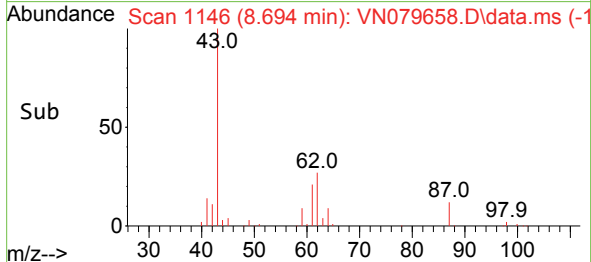
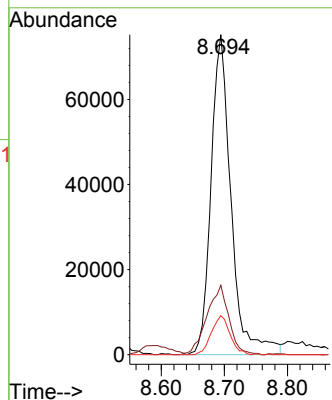
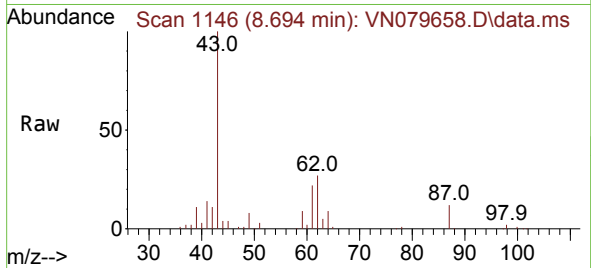




#43
Isopropyl Acetate
Concen: 18.378 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

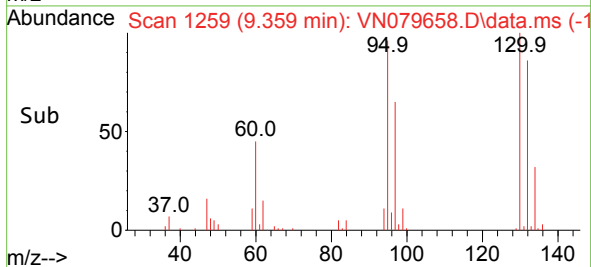
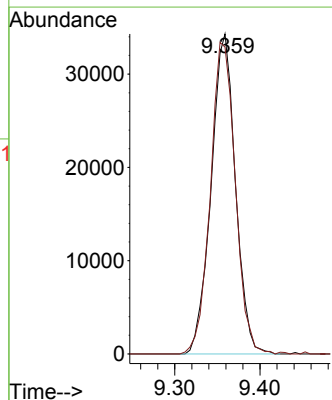
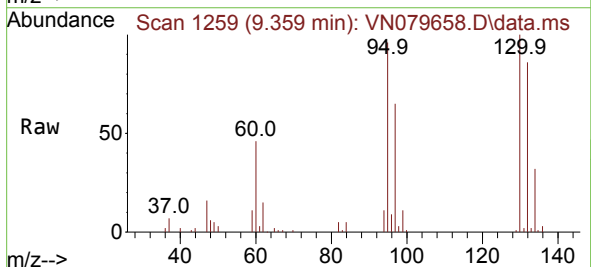
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

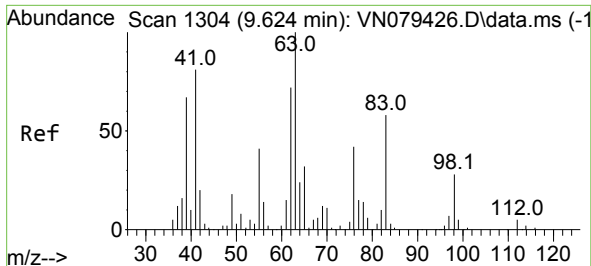
Tgt Ion: 43 Resp: 165800
Ion Ratio Lower Upper
43 100
61 23.8 24.7 37.1#
87 11.3 14.6 21.8#



#44
Trichloroethene
Concen: 18.778 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion:130 Resp: 67928
Ion Ratio Lower Upper
130 100
95 95.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.112 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

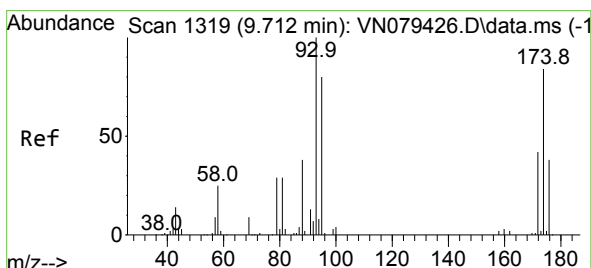
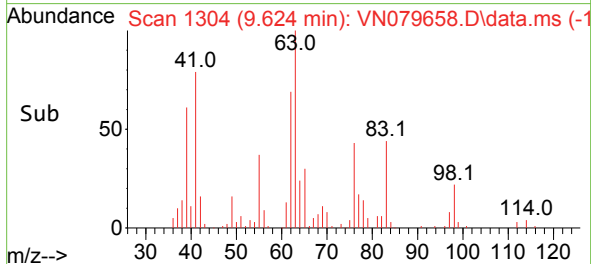
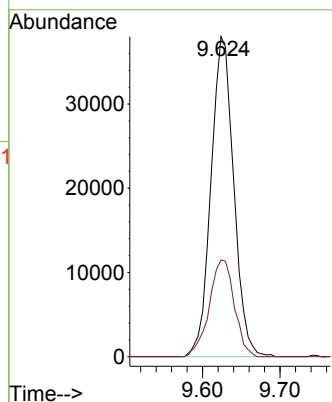
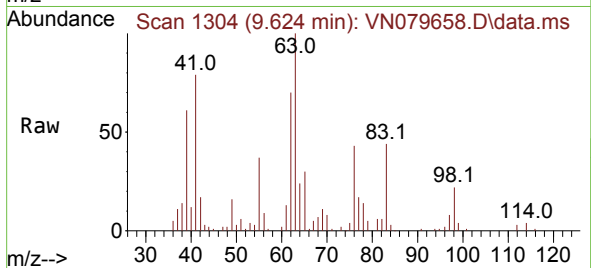
VN1024WBS01

Tgt Ion: 63 Resp: 77396

Ion Ratio Lower Upper

63 100

65 30.2 23.9 35.9



#46

Dibromomethane

Concen: 19.406 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

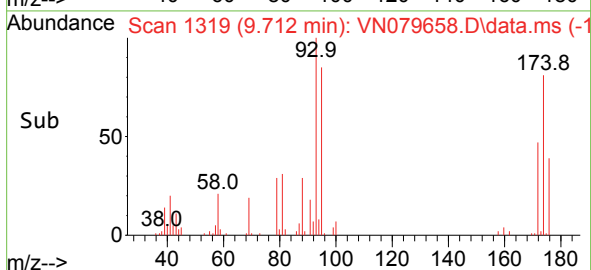
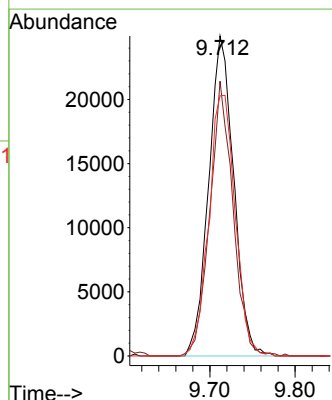
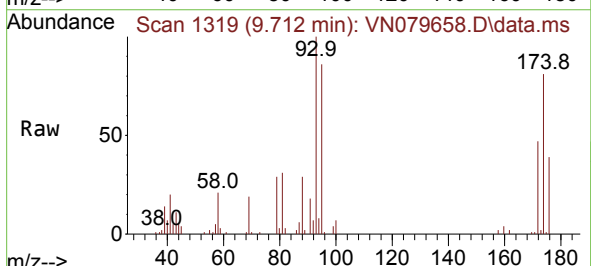
Tgt Ion: 93 Resp: 50896

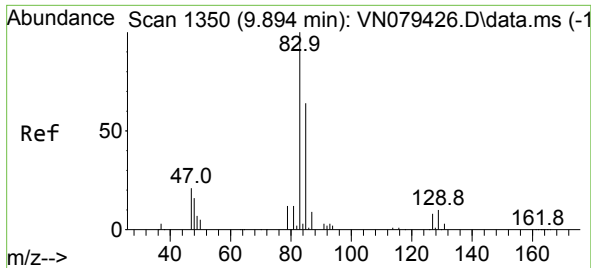
Ion Ratio Lower Upper

93 100

95 79.5 63.8 95.8

174 85.9 65.6 98.4

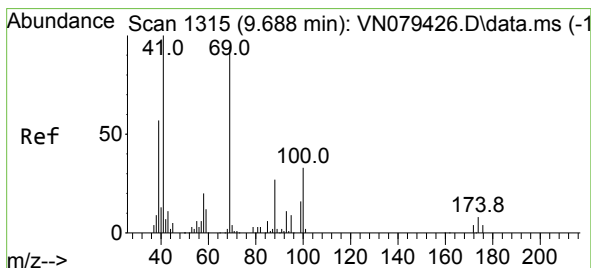
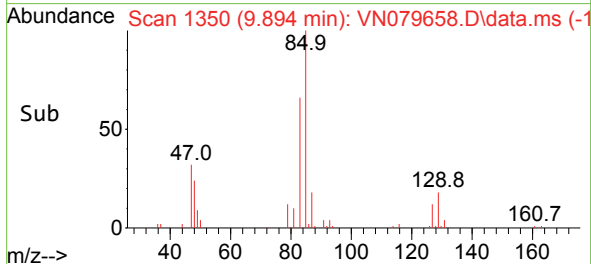
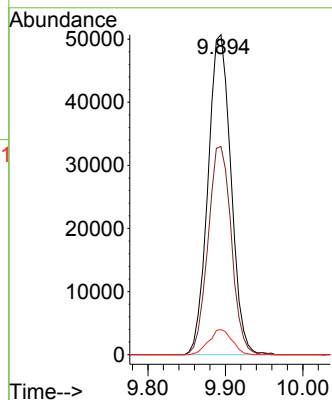
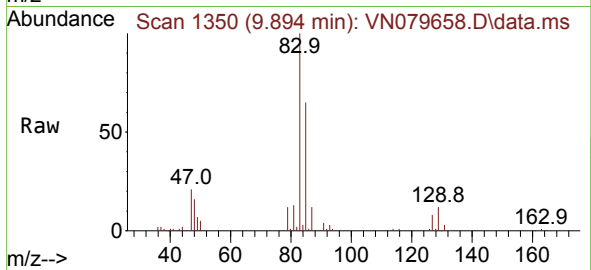




#47
Bromodichloromethane
Concen: 19.378 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

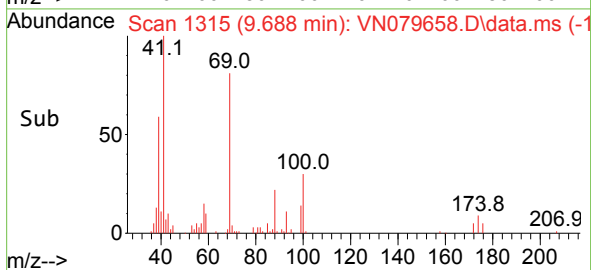
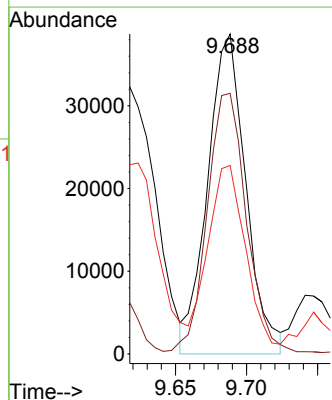
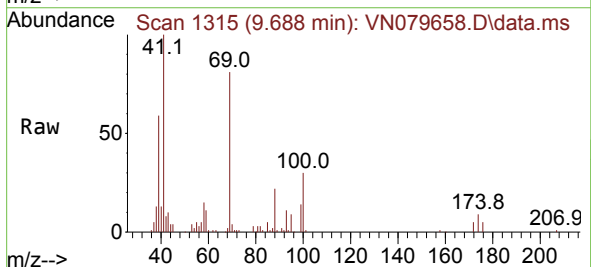
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

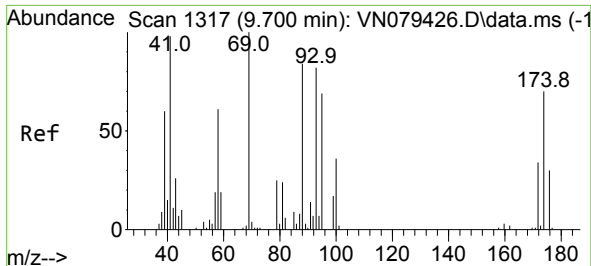
Tgt Ion: 83 Resp: 104545
Ion Ratio Lower Upper
83 100
85 65.1 49.6 74.4
127 7.9 7.0 10.6



#48
Methyl methacrylate
Concen: 18.711 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 41 Resp: 72338
Ion Ratio Lower Upper
41 100
69 83.3 90.4 135.6#
39 59.4 54.6 81.8





#49

1,4-Dioxane

Concen: 346.997 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS01

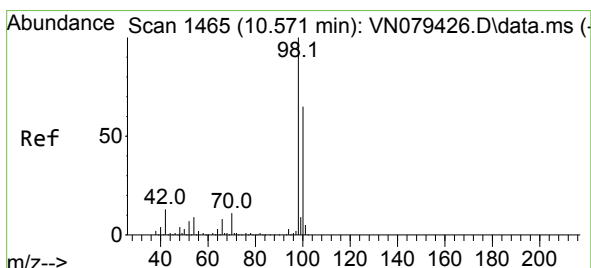
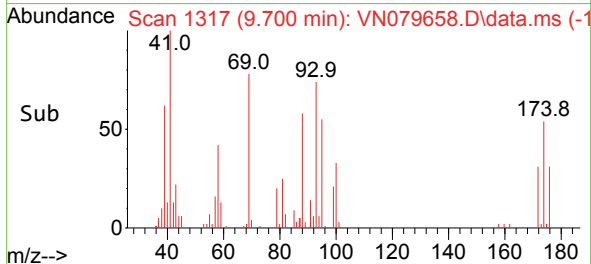
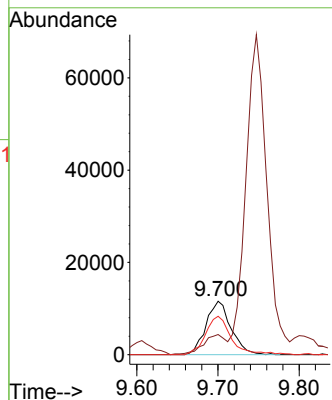
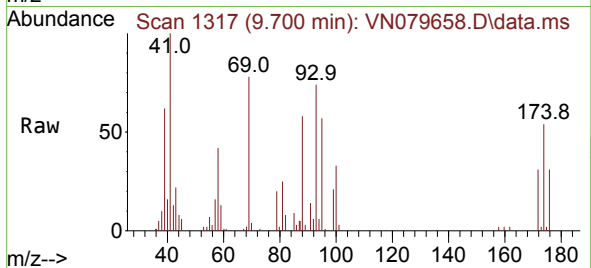
Tgt Ion: 88 Resp: 24710

Ion Ratio Lower Upper

88 100

43 31.4 17.0 25.6#

58 74.2 47.0 70.4#



#50

Toluene-d8

Concen: 50.152 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079658.D

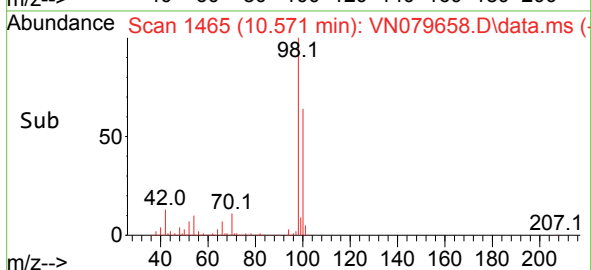
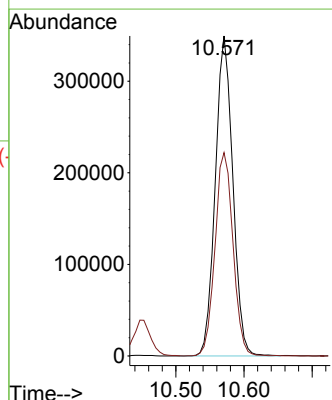
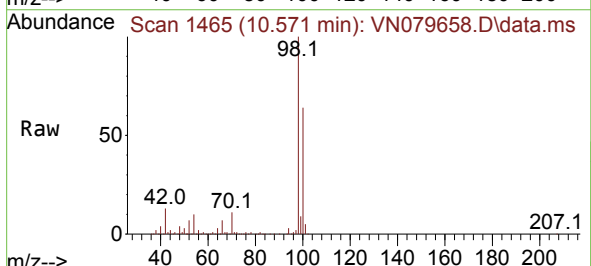
Acq: 24 Oct 2023 15:25

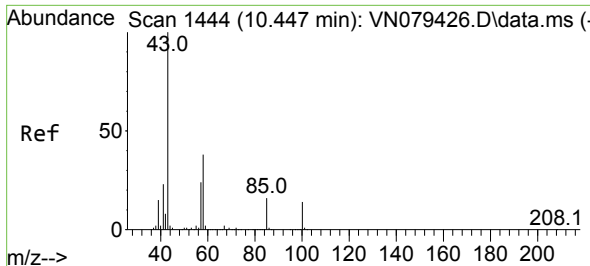
Tgt Ion: 98 Resp: 625735

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

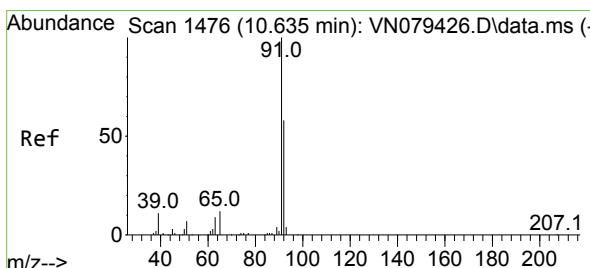
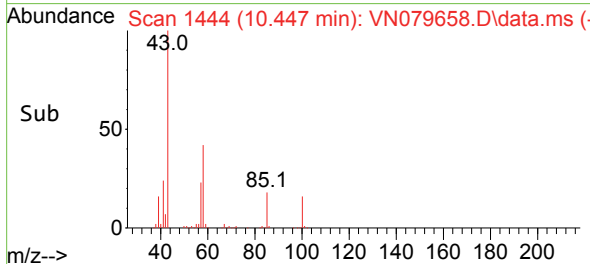
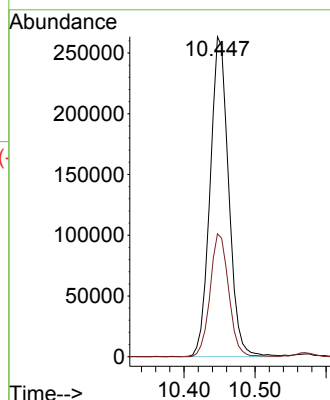
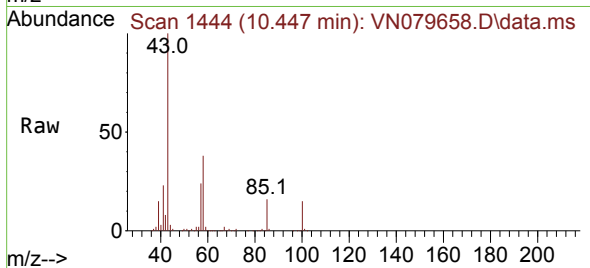




#51
4-Methyl-2-Pentanone
Concen: 94.022 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

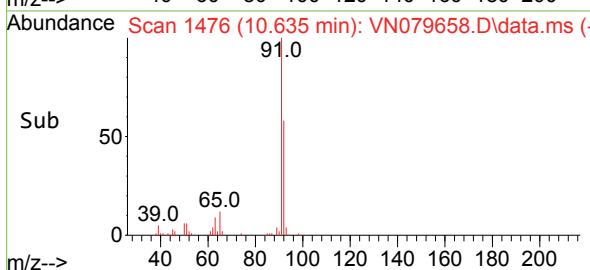
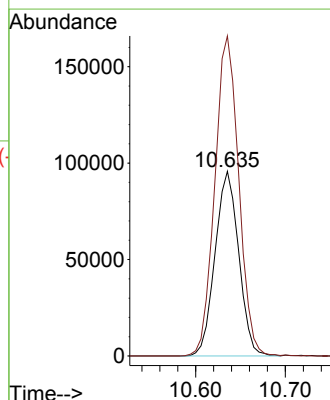
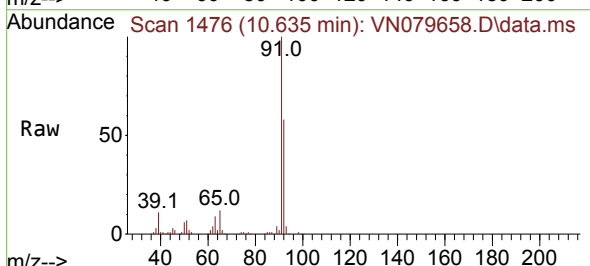
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

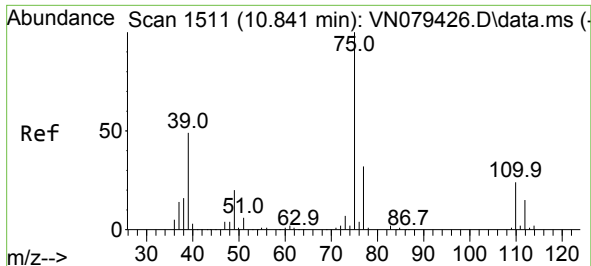
Tgt Ion: 43 Resp: 478841
Ion Ratio Lower Upper
43 100
58 38.4 36.6 54.8



#52
Toluene
Concen: 19.347 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 92 Resp: 175039
Ion Ratio Lower Upper
92 100
91 175.5 137.4 206.0

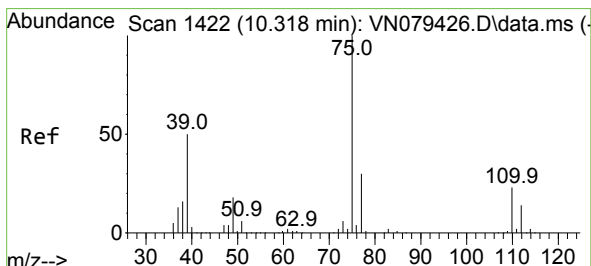
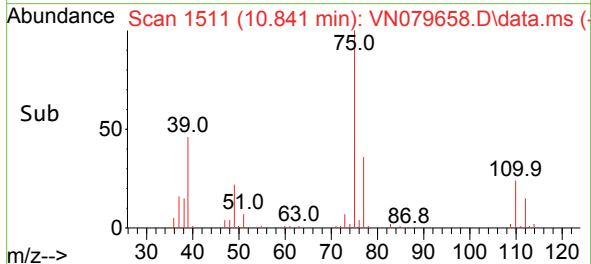
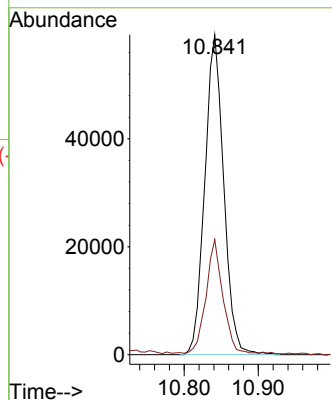
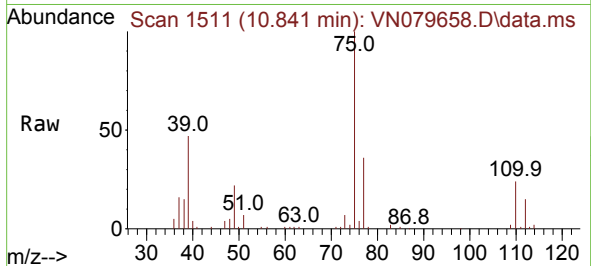




#53
 t-1,3-Dichloropropene
 Concen: 19.371 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079658.D
 Acq: 24 Oct 2023 15:25

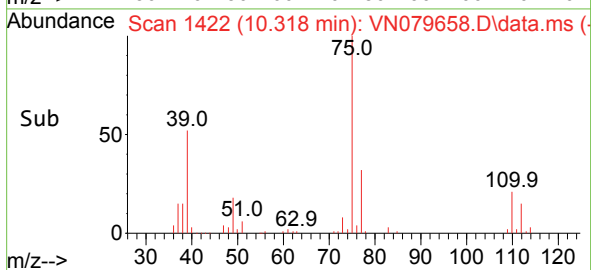
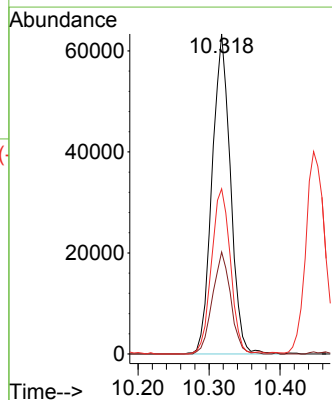
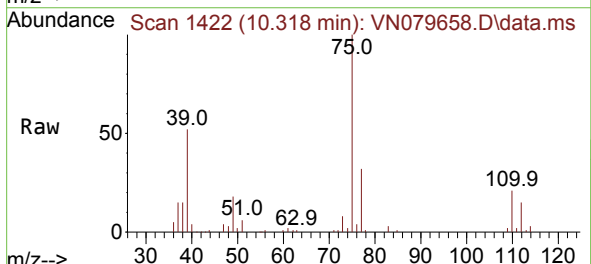
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS01

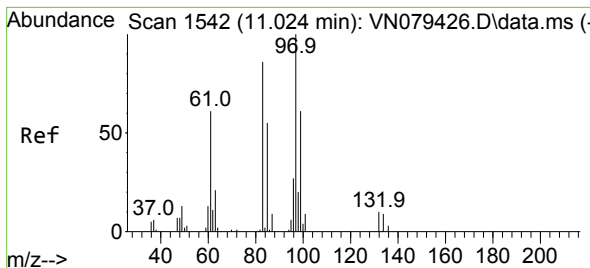
Tgt Ion: 75 Resp: 105320
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.128 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079658.D
 Acq: 24 Oct 2023 15:25

Tgt Ion: 75 Resp: 113845
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.1 39.1
 39 51.6 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 19.092 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS01

Tgt Ion: 97 Resp: 69344

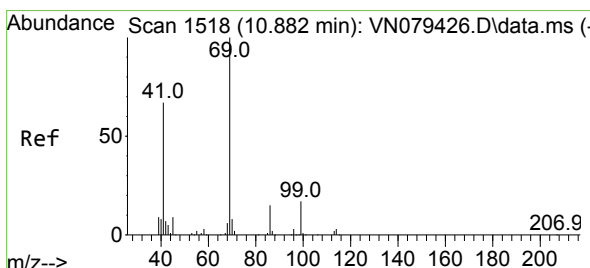
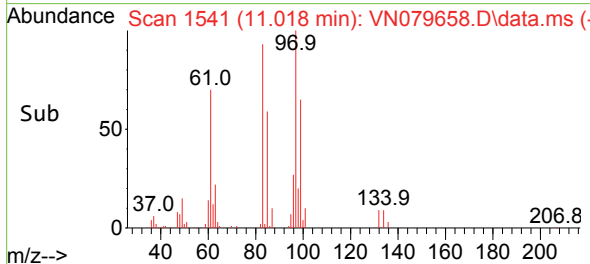
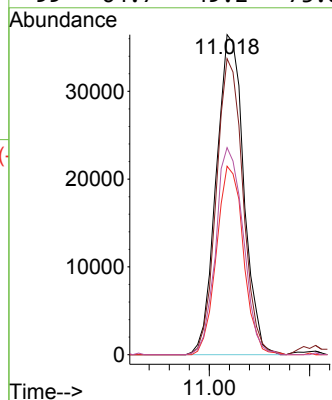
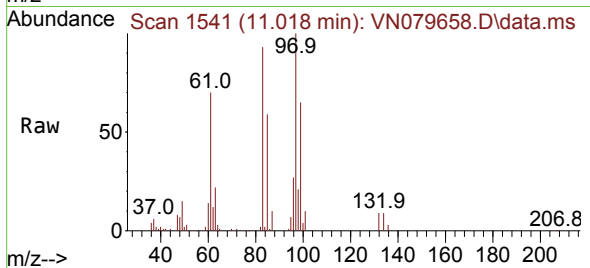
Ion Ratio Lower Upper

97 100

83 92.5 65.1 97.7

85 58.9 43.4 65.2

99 64.7 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.275 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

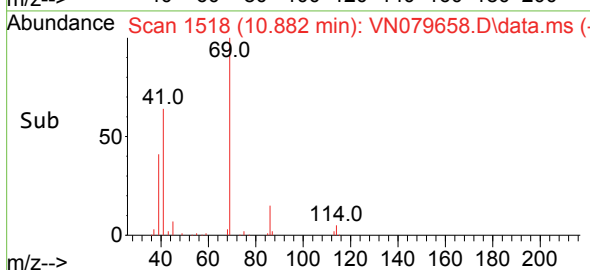
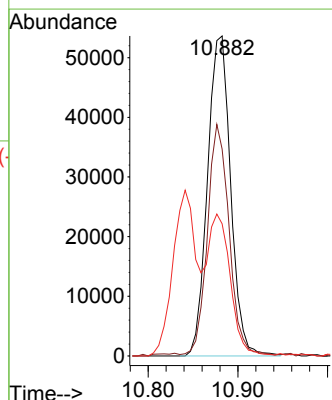
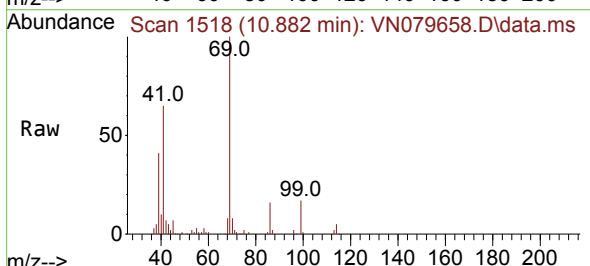
Tgt Ion: 69 Resp: 96204

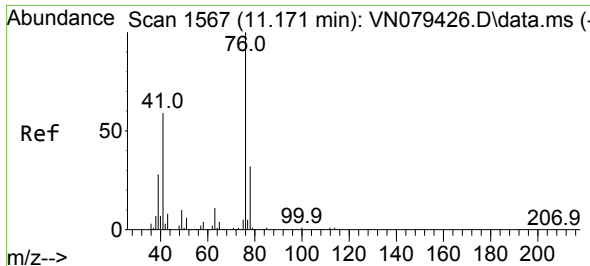
Ion Ratio Lower Upper

69 100

41 67.2 39.6 59.4#

39 43.3 28.6 43.0#

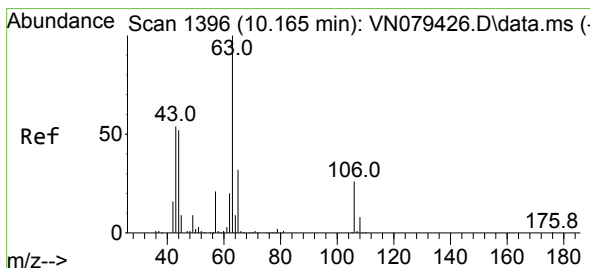
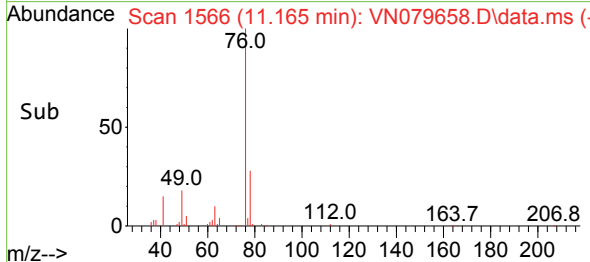
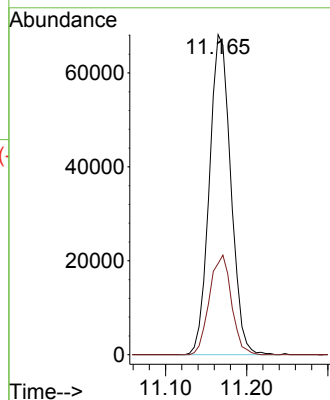
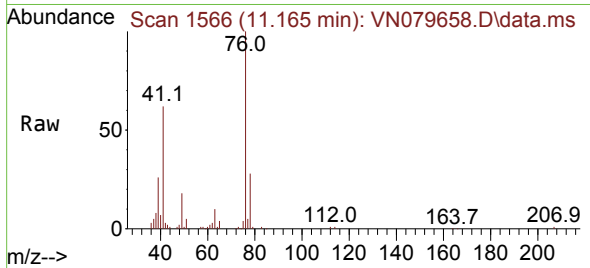




#57
1,3-Dichloropropane
Concen: 19.940 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

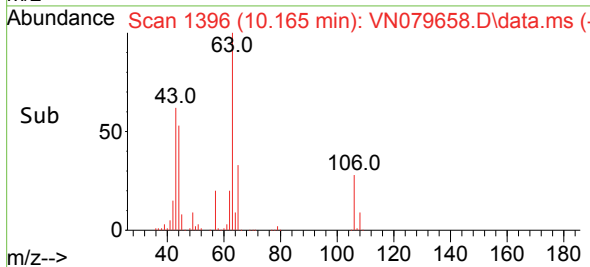
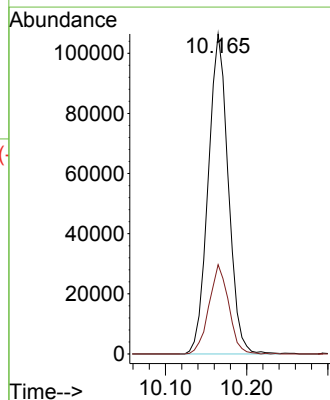
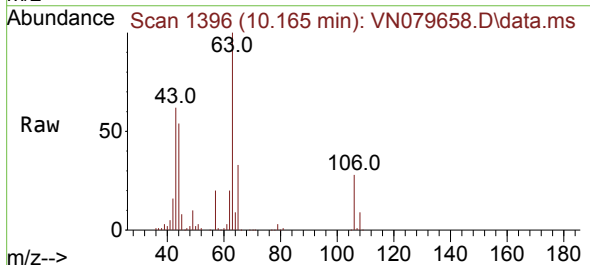
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

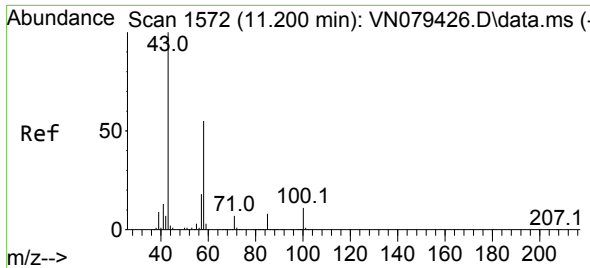
Tgt Ion: 76 Resp: 125059
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 95.551 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 63 Resp: 182635
Ion Ratio Lower Upper
63 100
106 27.4 26.2 39.4

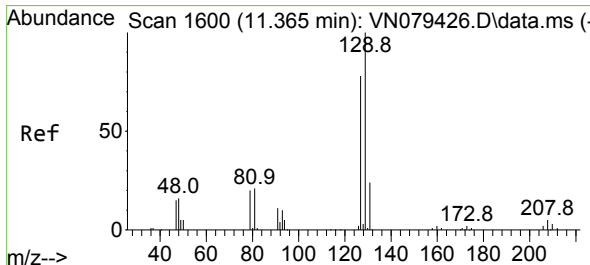
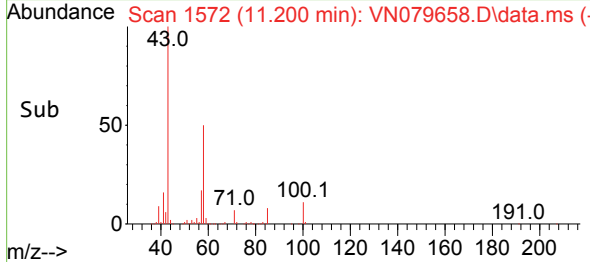
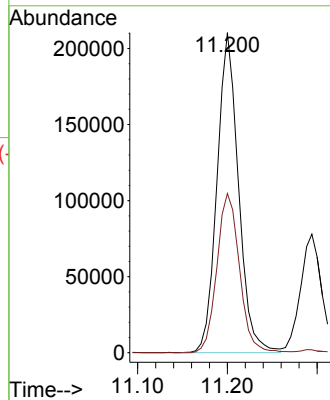
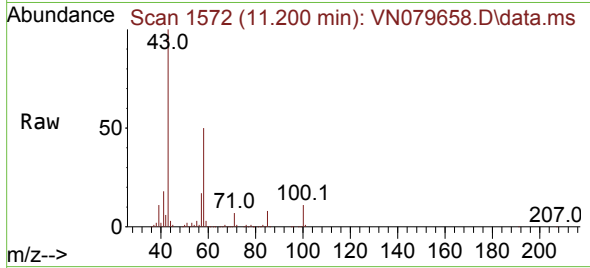




#59
2-Hexanone
Concen: 95.118 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

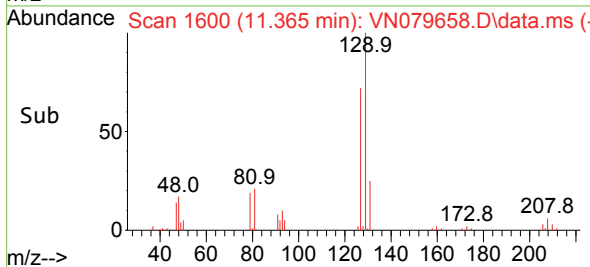
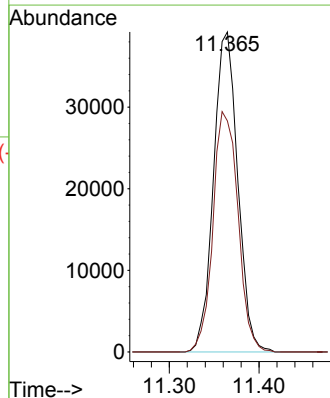
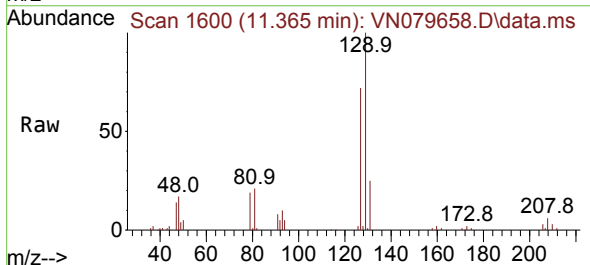
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

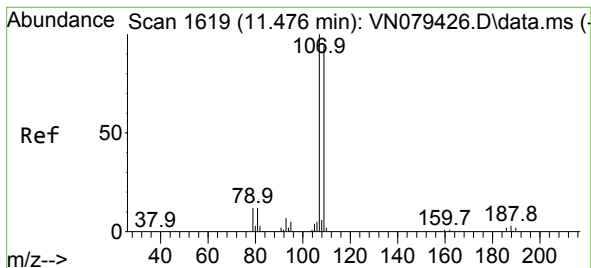
Tgt Ion: 43 Resp: 349561
Ion Ratio Lower Upper
43 100
58 52.3 31.7 95.1



#60
Dibromochloromethane
Concen: 20.137 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 129 Resp: 73507
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0

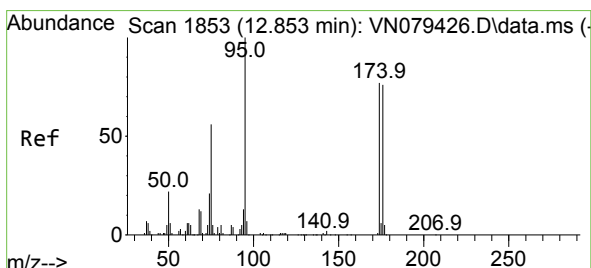
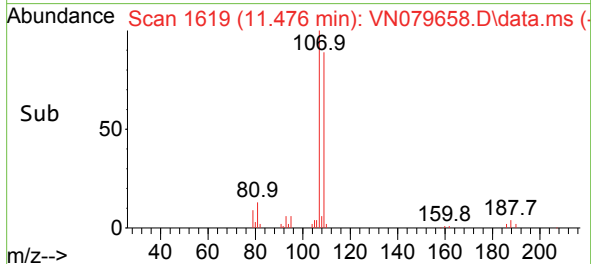
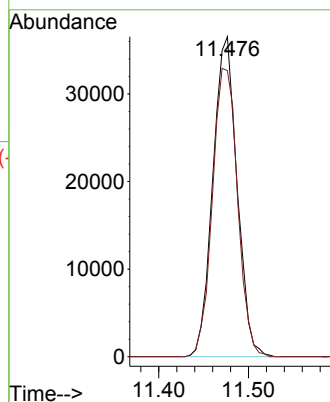
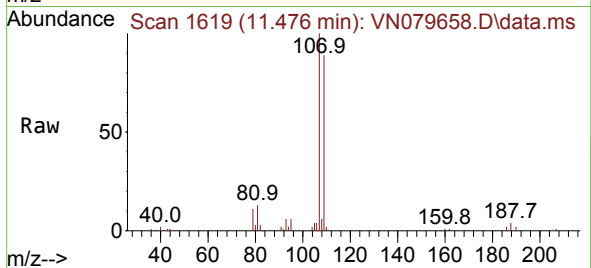




#61
1,2-Dibromoethane
Concen: 18.979 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

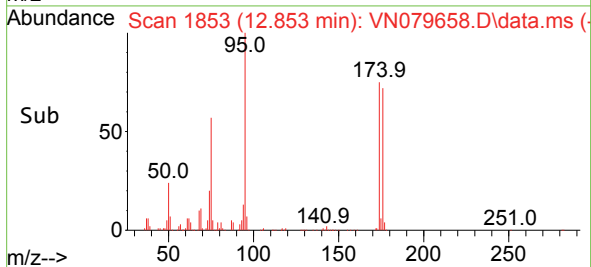
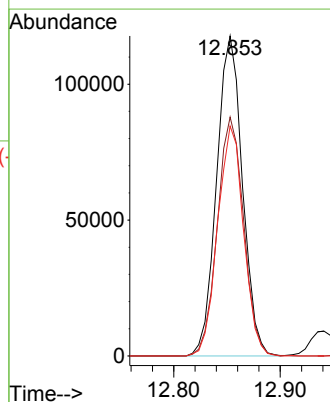
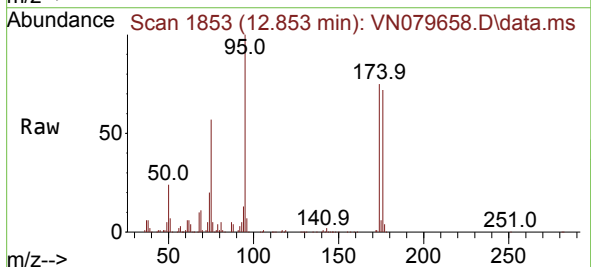
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

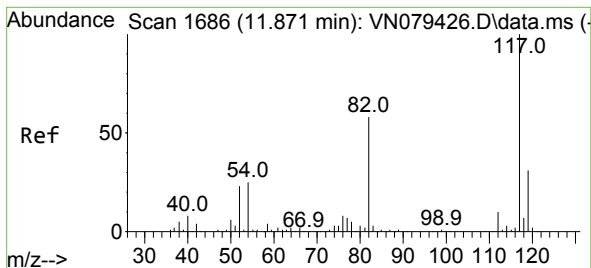
Tgt Ion:107 Resp: 68412
Ion Ratio Lower Upper
107 100
109 93.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 49.525 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 95 Resp: 198300
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 72.1 0.0 135.8

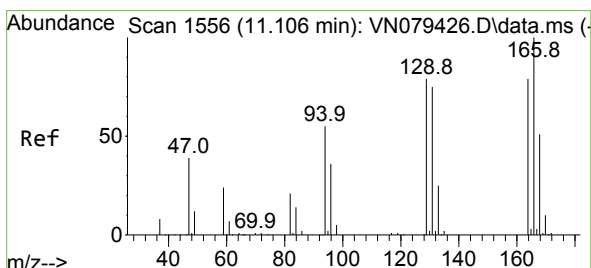
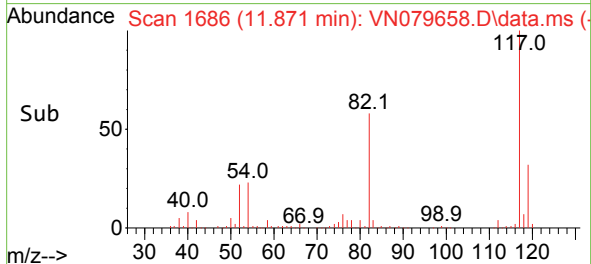
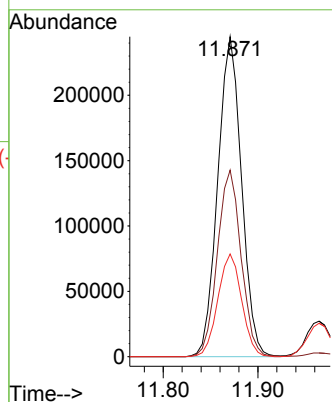
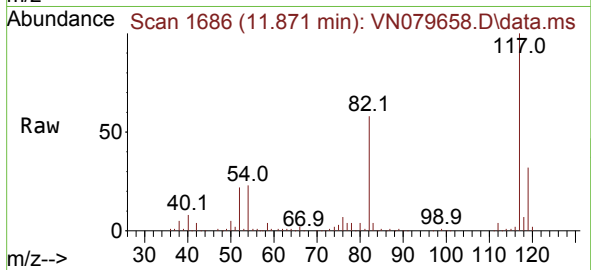




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

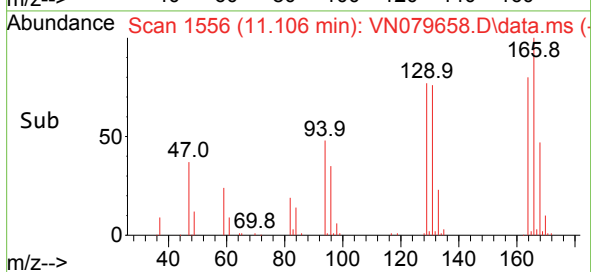
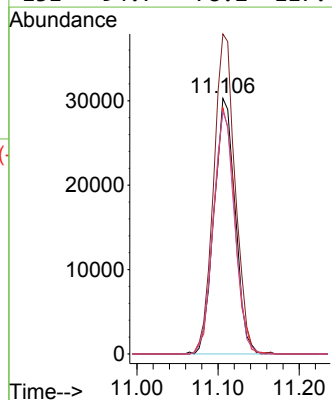
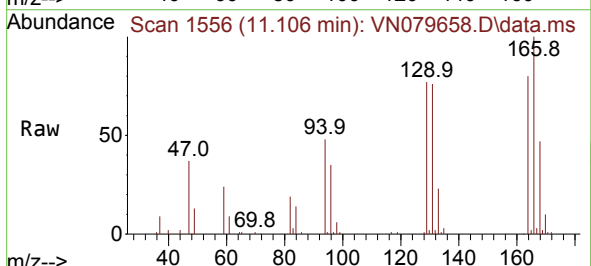
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

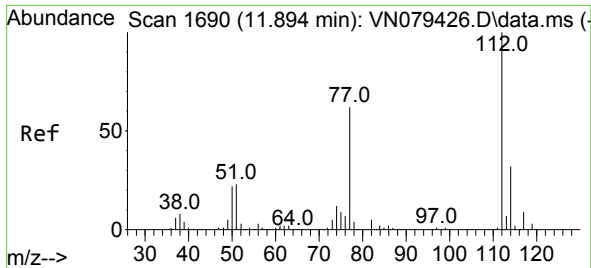
Tgt Ion:117 Resp: 427740
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 18.615 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion:164 Resp: 54775
Ion Ratio Lower Upper
164 100
166 125.2 101.4 152.0
129 96.2 82.4 123.6
131 94.7 78.2 117.4

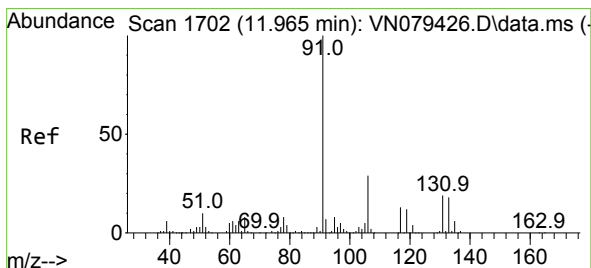
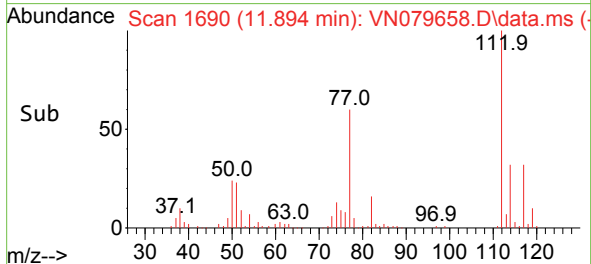
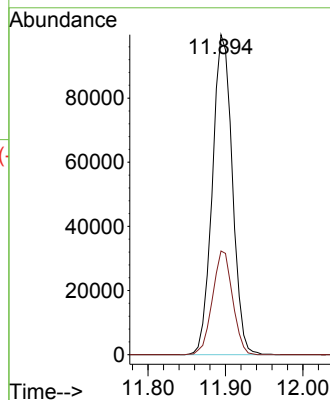
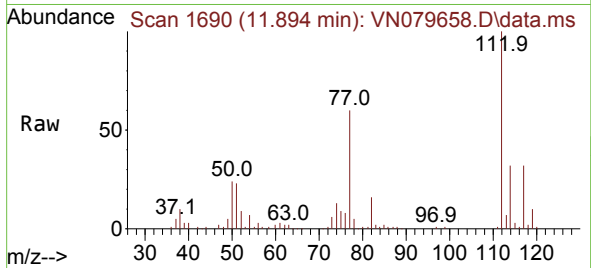




#65
Chlorobenzene
Concen: 18.714 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

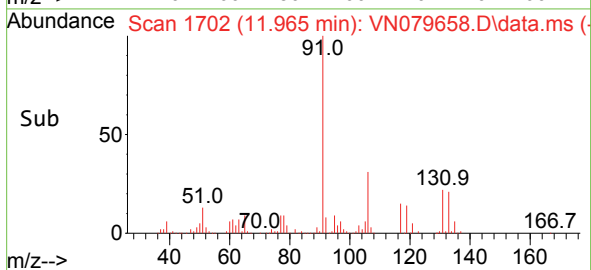
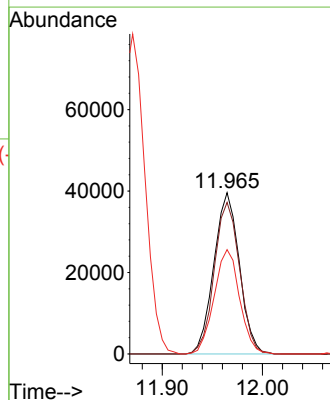
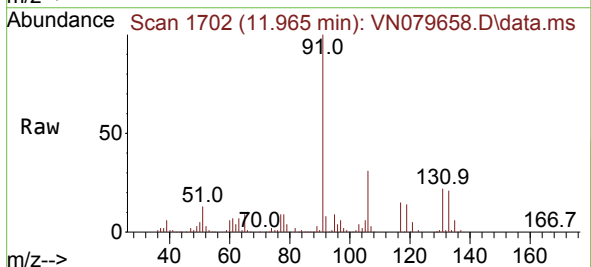
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

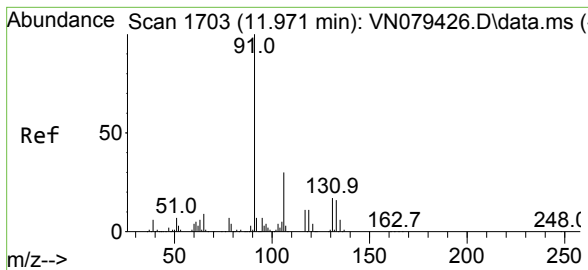
Tgt Ion:112 Resp: 178269
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.042 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion:131 Resp: 69905
Ion Ratio Lower Upper
131 100
133 93.3 46.4 139.1
119 64.6 34.1 102.2

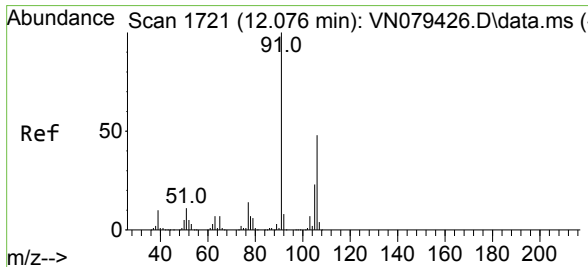
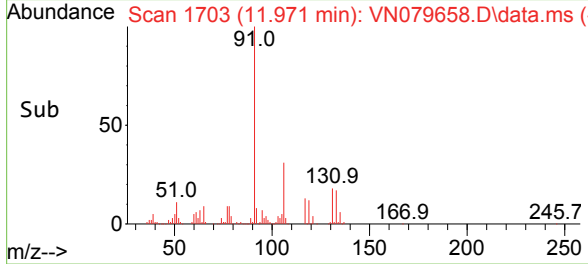
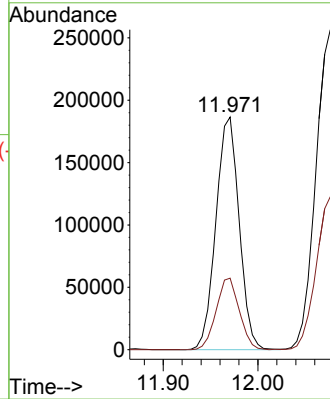
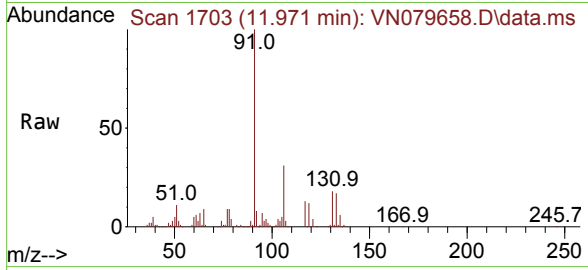




#67
Ethyl Benzene
Concen: 19.221 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

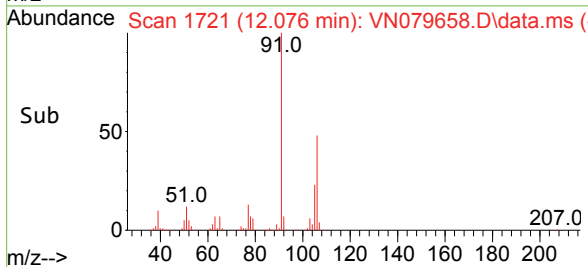
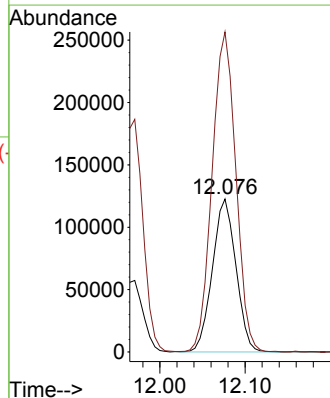
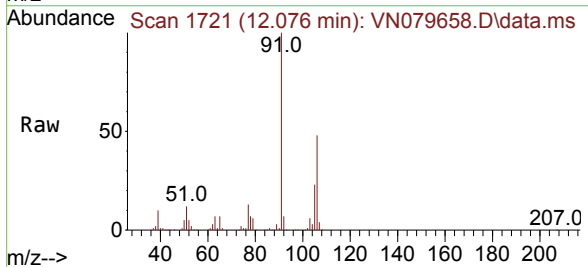
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

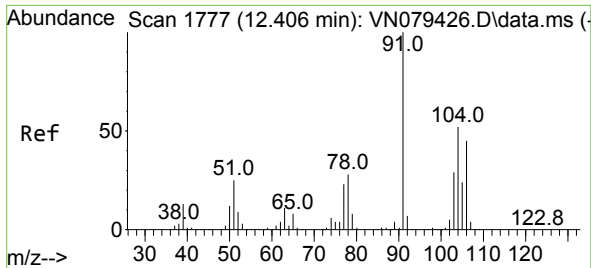
Tgt Ion: 91 Resp: 318239
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4



#68
m/p-Xylenes
Concen: 39.088 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion:106 Resp: 235148
Ion Ratio Lower Upper
106 100
91 211.3 159.6 239.4

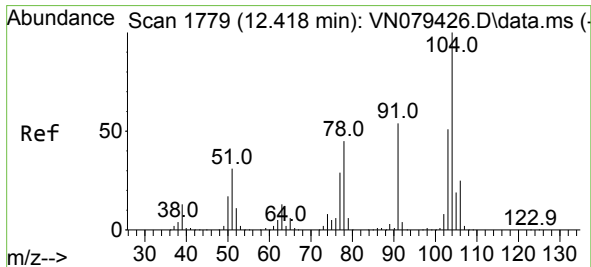
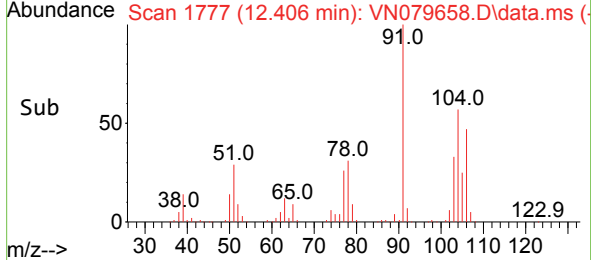
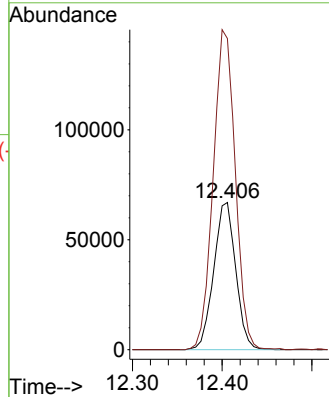
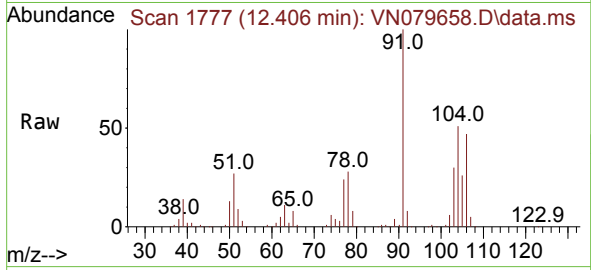




#69
o-Xylene
Concen: 19.239 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

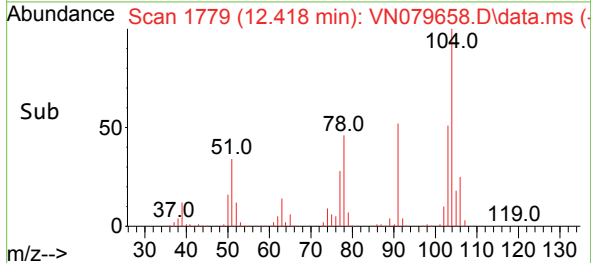
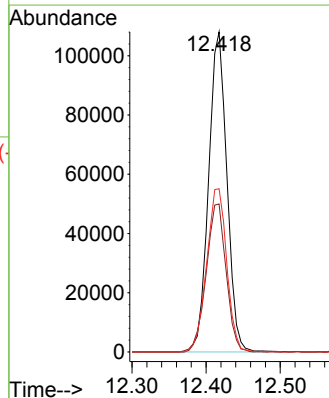
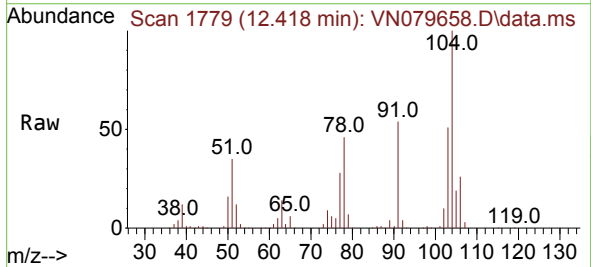
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

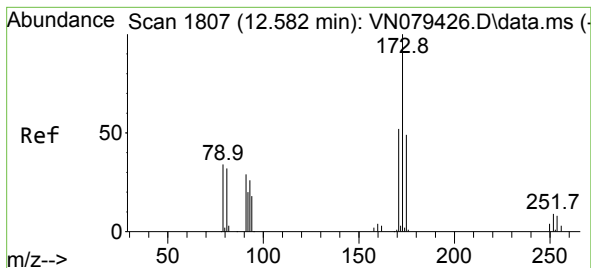
Tgt Ion:106 Resp: 113822
Ion Ratio Lower Upper
106 100
91 218.9 105.2 315.5



#70
Styrene
Concen: 19.823 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion:104 Resp: 185249
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 56.0 43.2 64.8





#71

Bromoform

Concen: 18.569 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS01

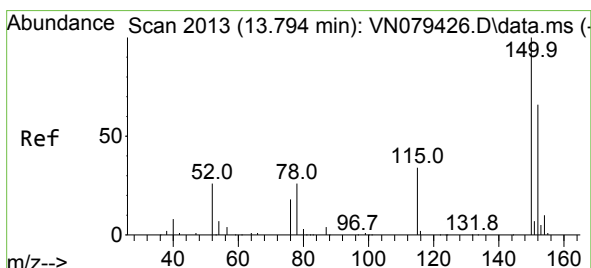
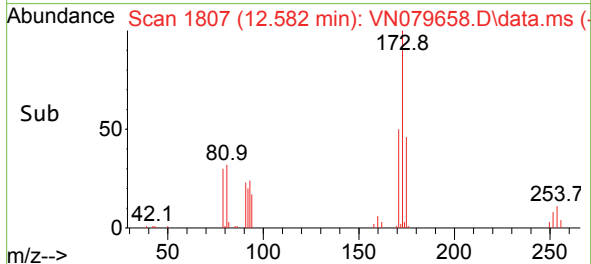
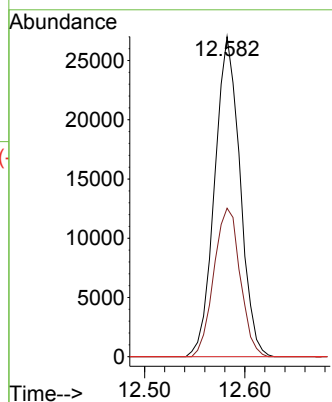
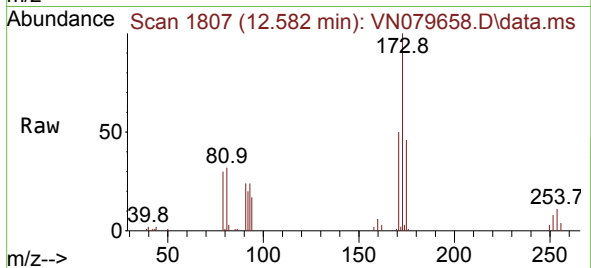
Tgt Ion:173 Resp: 47401

Ion Ratio Lower Upper

173 100

175 48.1 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: VN079658.D

Acq: 24 Oct 2023 15:25

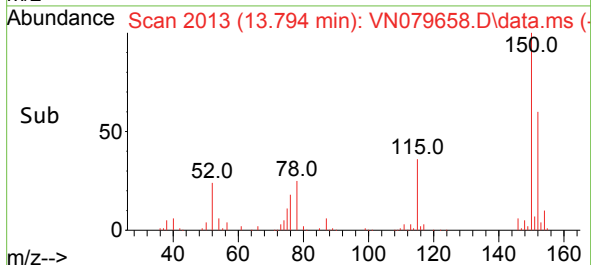
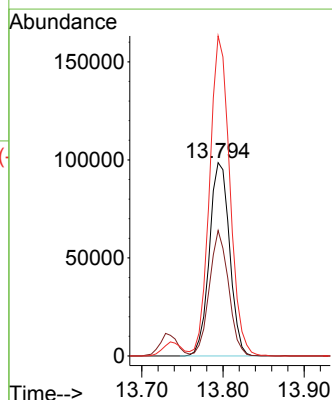
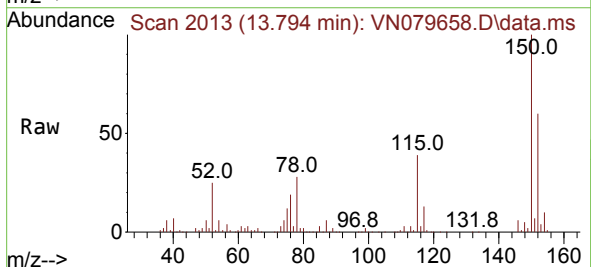
Tgt Ion:152 Resp: 170522

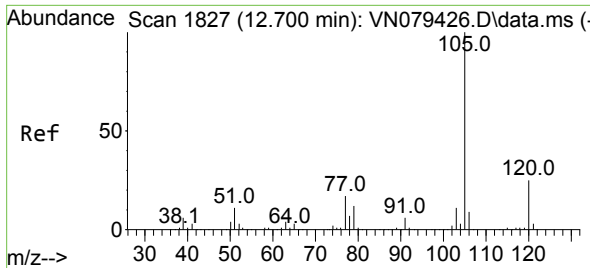
Ion Ratio Lower Upper

152 100

115 61.6 32.3 96.8

150 165.2 0.0 355.8

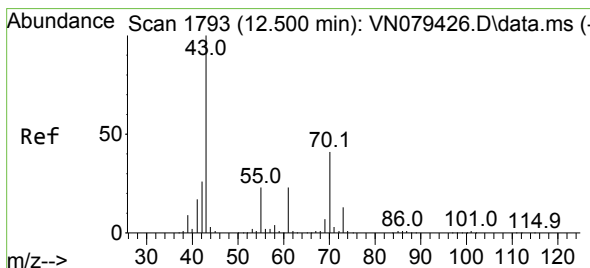
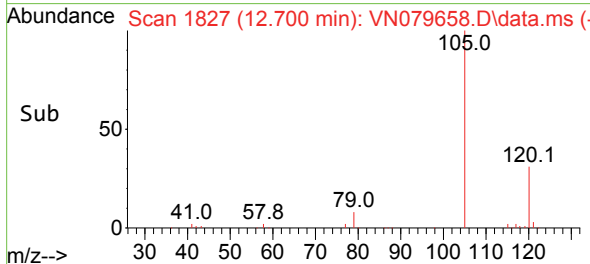
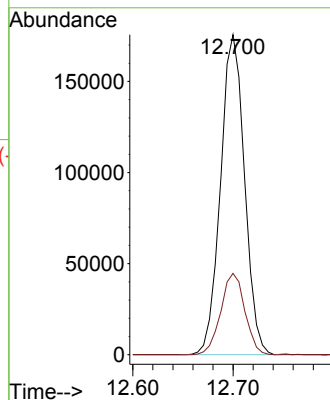
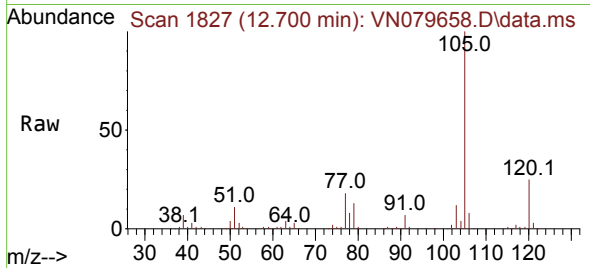




#73
Isopropylbenzene
Concen: 18.382 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

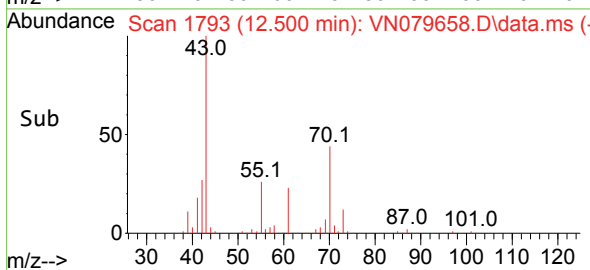
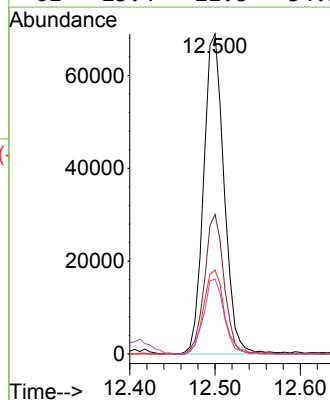
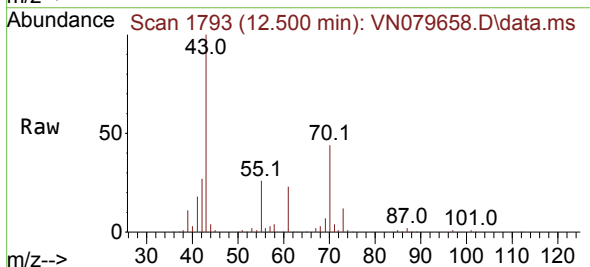
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

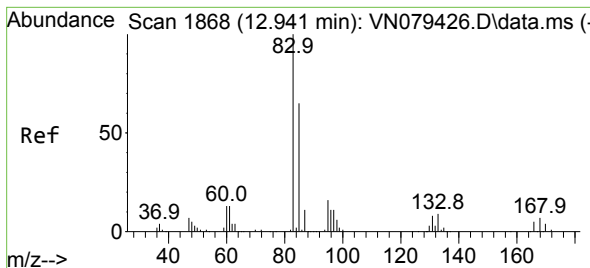
Tgt Ion:105 Resp: 291612
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1



#74
N-ethyl acetate
Concen: 17.665 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 43 Resp: 114890
Ion Ratio Lower Upper
43 100
70 41.8 43.4 65.2#
55 26.8 21.4 32.0
61 23.4 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.765 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS01

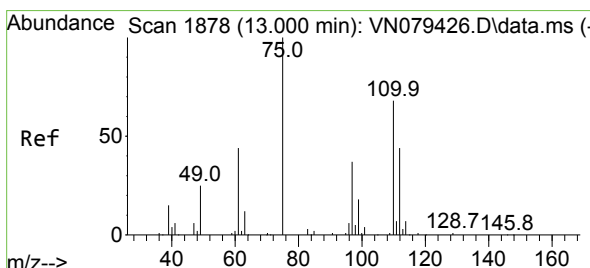
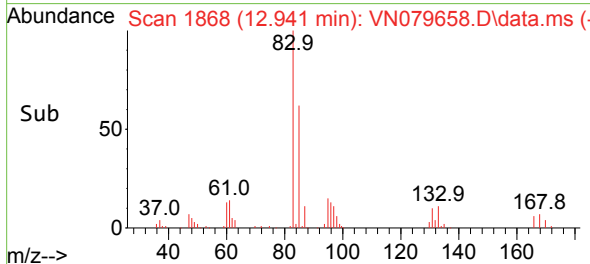
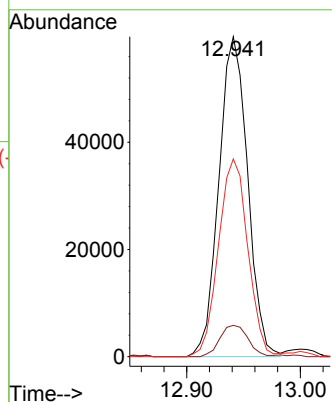
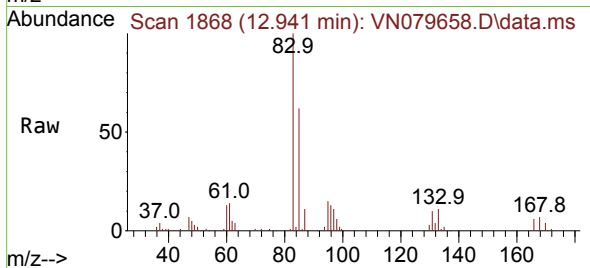
Tgt Ion: 83 Resp: 104970

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

85 63.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 24.964 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN079658.D

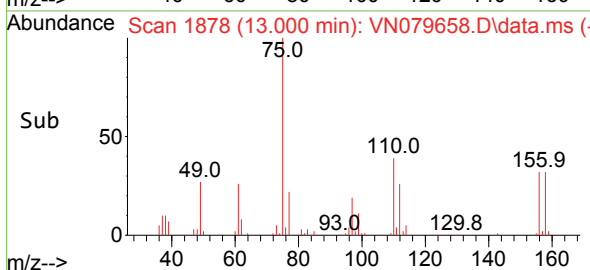
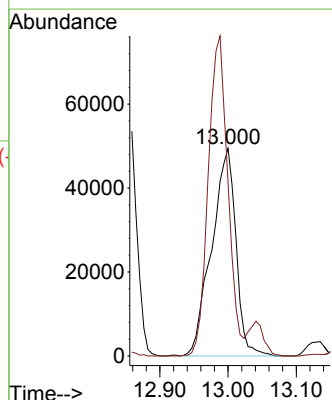
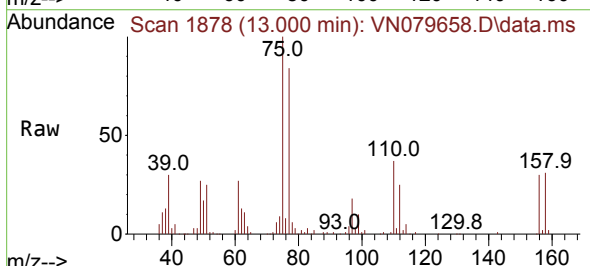
Acq: 24 Oct 2023 15:25

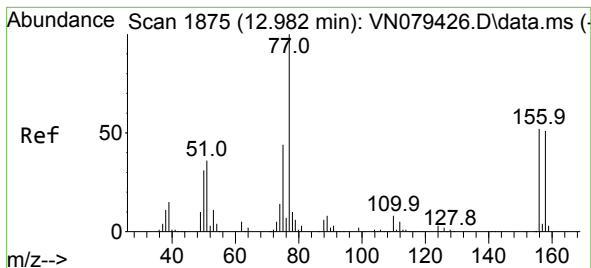
Tgt Ion: 75 Resp: 122736

Ion Ratio Lower Upper

75 100

77 124.3 84.5 253.5





#77

Bromobenzene

Concen: 18.014 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS01

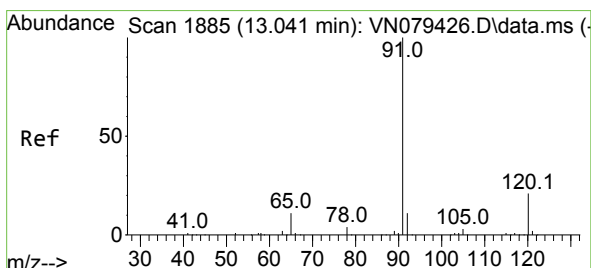
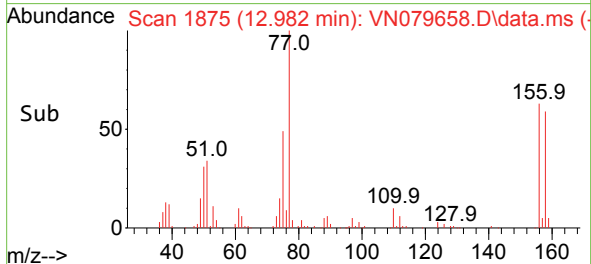
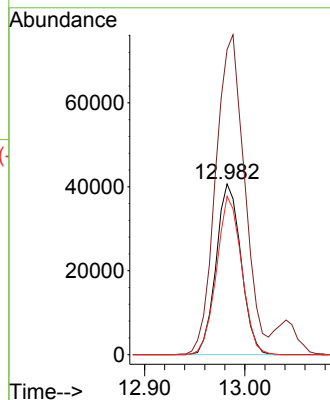
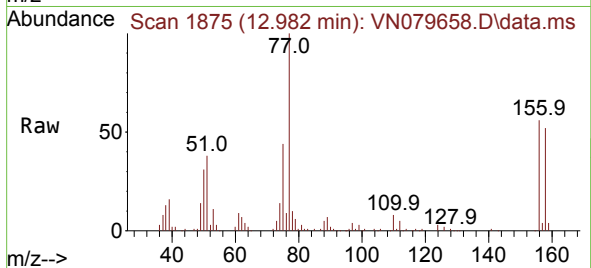
Tgt Ion:156 Resp: 70073

Ion Ratio Lower Upper

156 100

77 217.8 107.7 323.3

158 93.4 48.4 145.3



#78

n-propylbenzene

Concen: 19.088 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079658.D

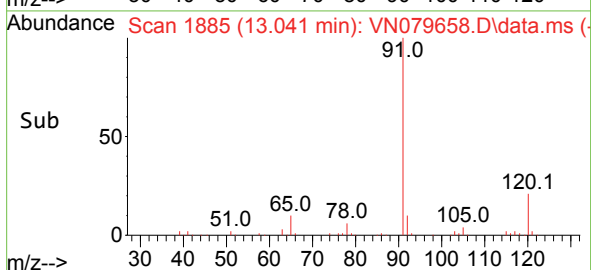
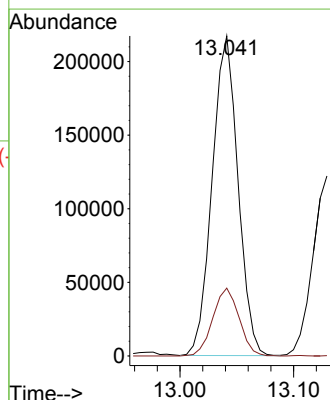
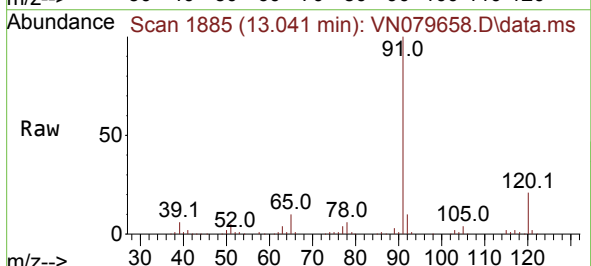
Acq: 24 Oct 2023 15:25

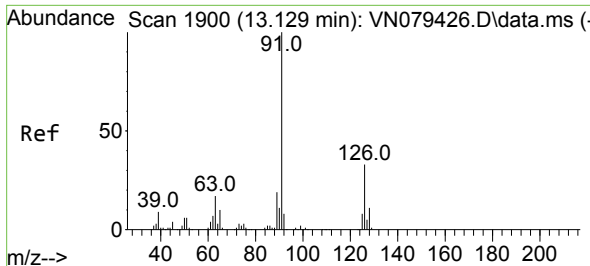
Tgt Ion: 91 Resp: 342606

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.4

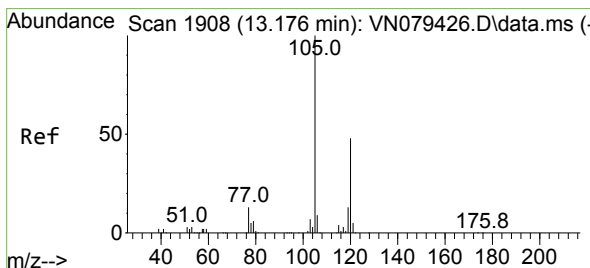
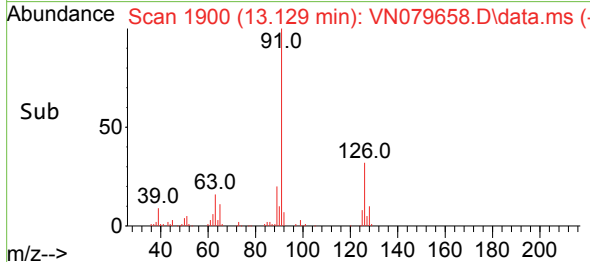
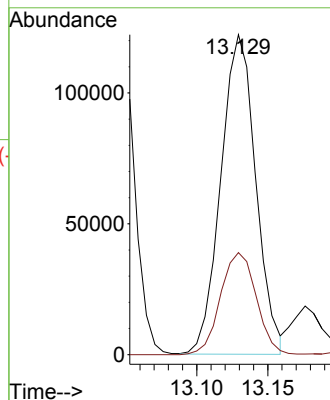
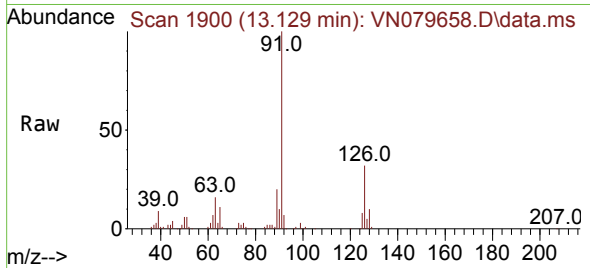




#79
2-Chlorotoluene
Concen: 18.191 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

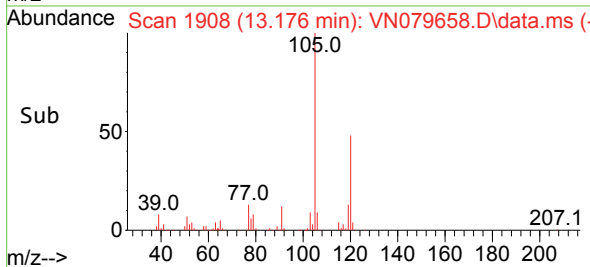
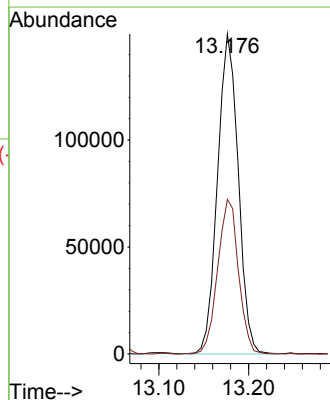
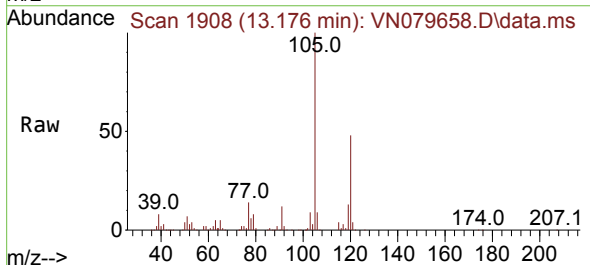
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

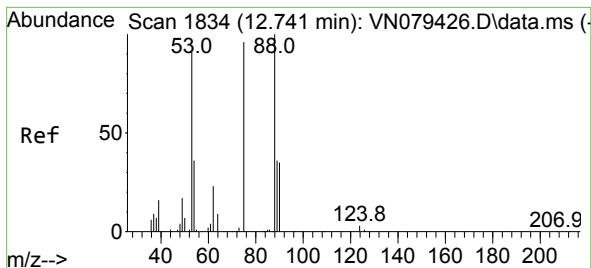
Tgt Ion: 91 Resp: 208931
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 19.180 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 105 Resp: 239934
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3

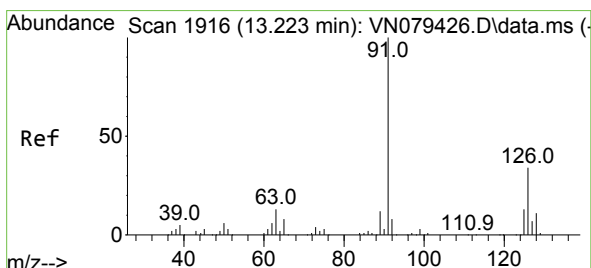
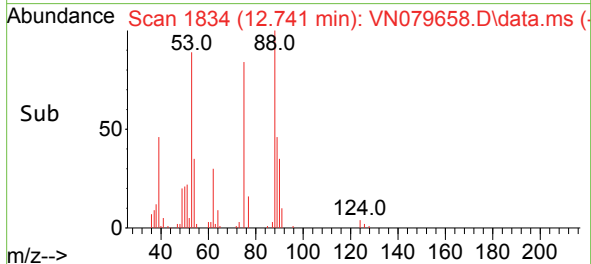
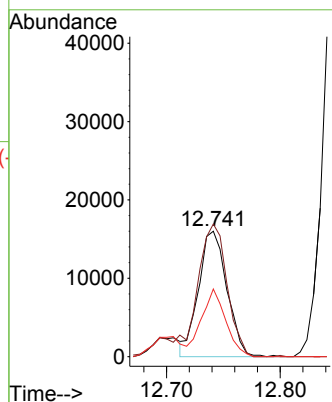
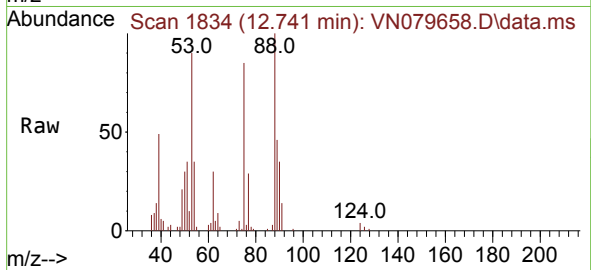




#81
trans-1,4-Dichloro-2-butene
Concen: 16.421 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

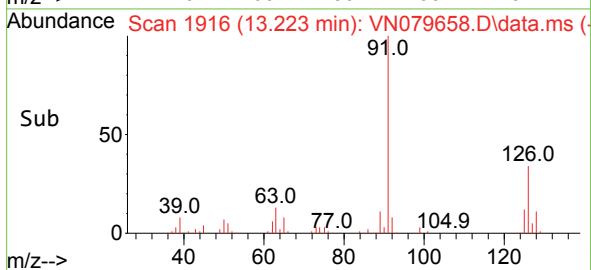
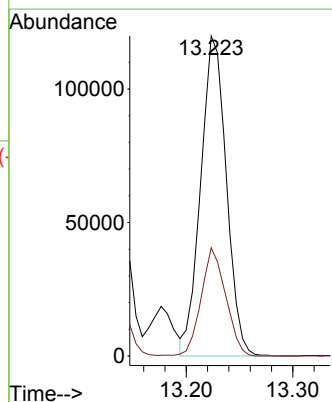
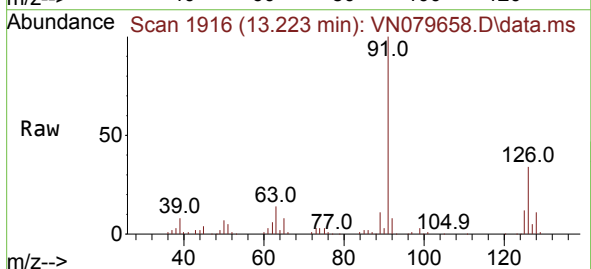
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

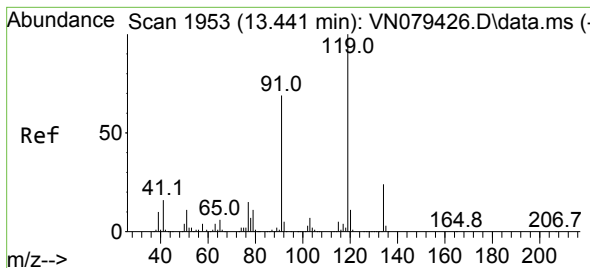
Tgt Ion: 75 Resp: 27825
Ion Ratio Lower Upper
75 100
53 109.6 67.4 101.2#
89 45.9 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.386 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 91 Resp: 200941
Ion Ratio Lower Upper
91 100
126 32.4 16.7 50.0





#83

tert-Butylbenzene

Concen: 18.349 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS01

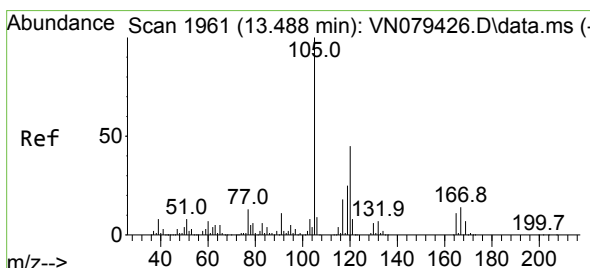
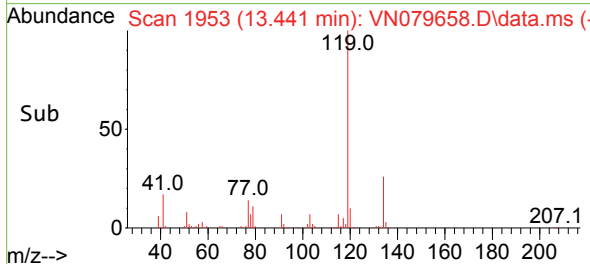
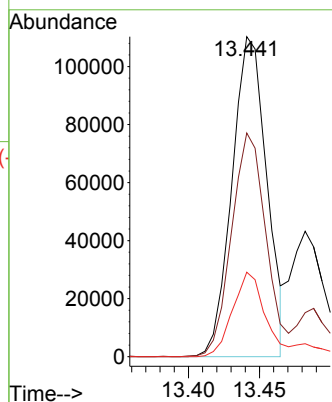
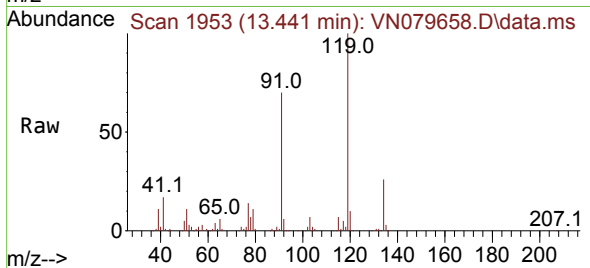
Tgt Ion:119 Resp: 188066

Ion Ratio Lower Upper

119 100

91 69.5 33.9 101.7

134 24.5 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.619 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079658.D

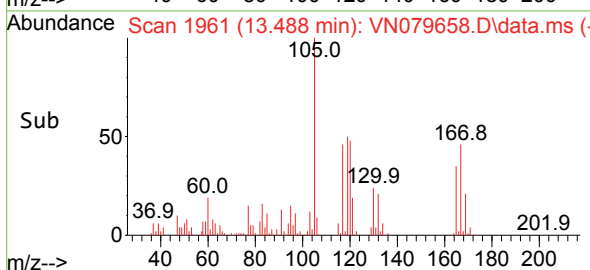
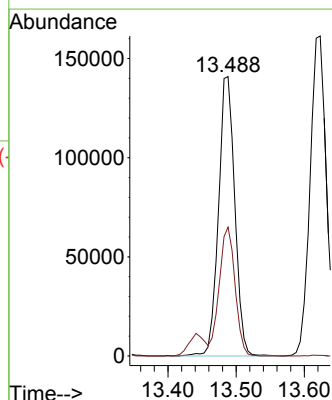
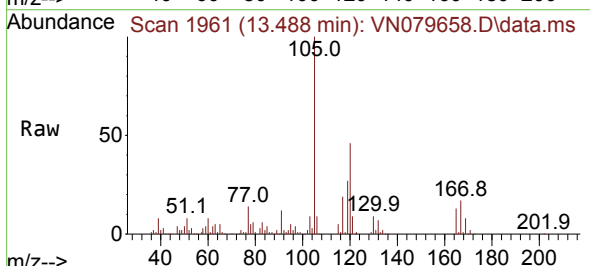
Acq: 24 Oct 2023 15:25

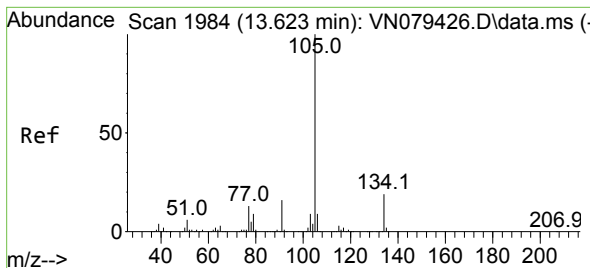
Tgt Ion:105 Resp: 234225

Ion Ratio Lower Upper

105 100

120 44.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.673 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

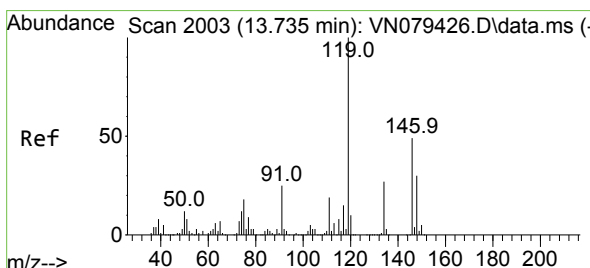
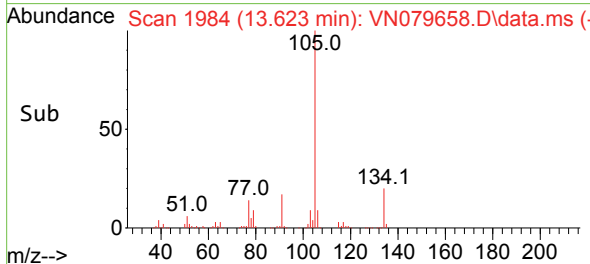
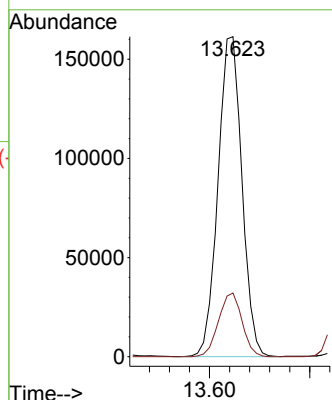
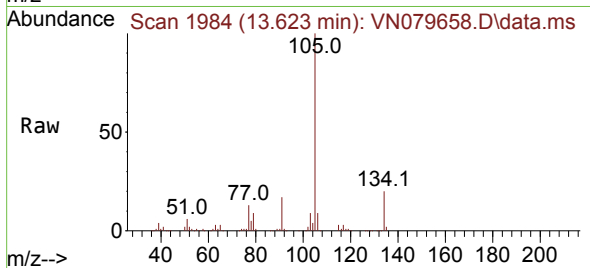
VN1024WBS01

Tgt Ion:105 Resp: 266947

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.272 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

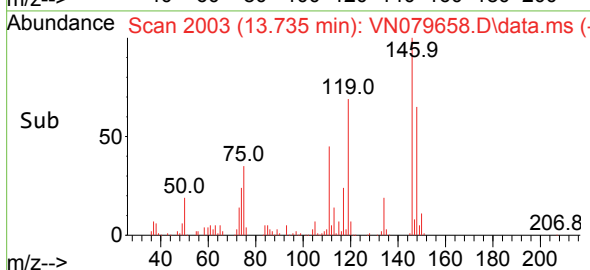
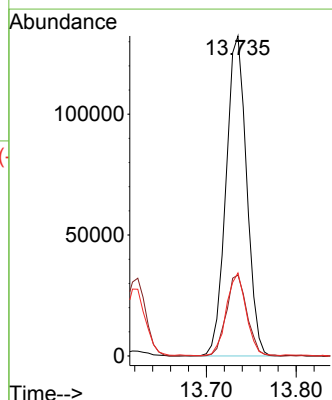
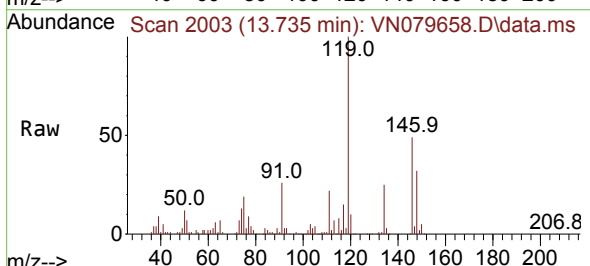
Tgt Ion:119 Resp: 211358

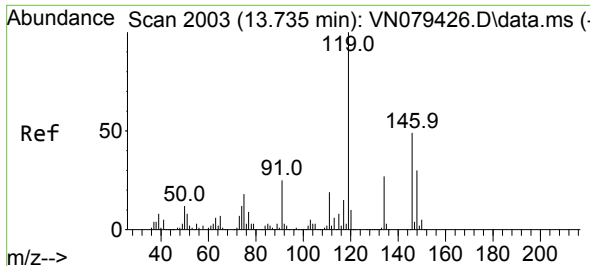
Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

91 24.7 12.4 37.2

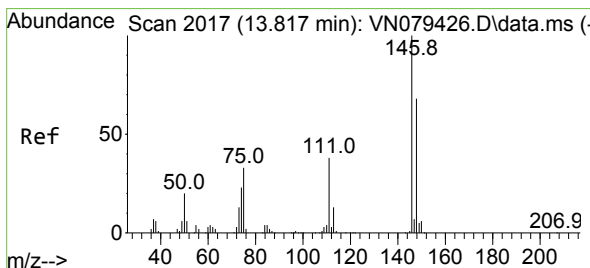
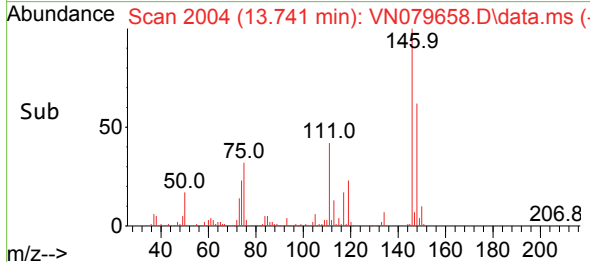
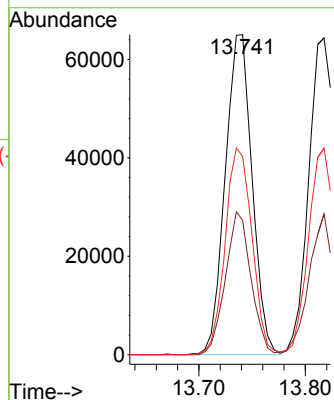
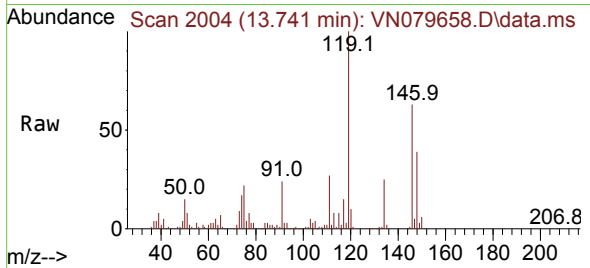




#87
1,3-Dichlorobenzene
Concen: 18.521 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

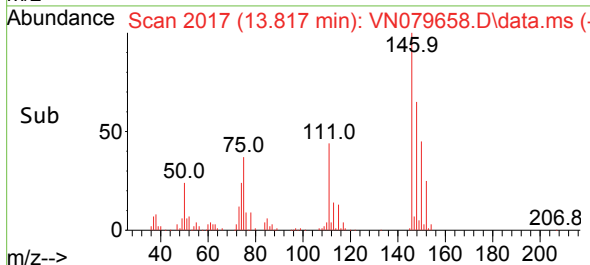
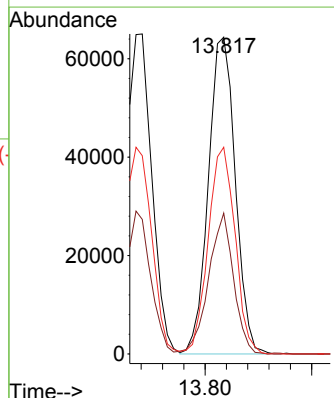
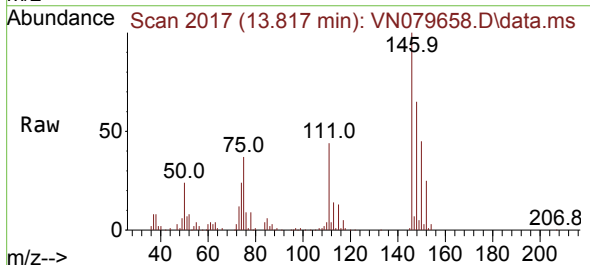
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

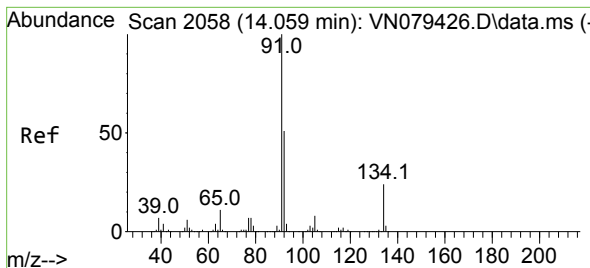
Tgt Ion:146 Resp: 114266
Ion Ratio Lower Upper
146 100
111 42.3 22.1 66.3
148 64.5 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 17.734 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion:146 Resp: 112976
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.8
148 65.2 31.6 94.8





#89

n-Butylbenzene

Concen: 18.639 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS01

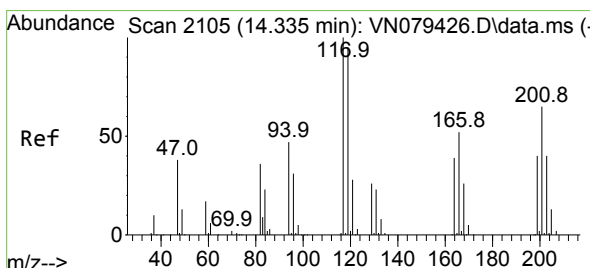
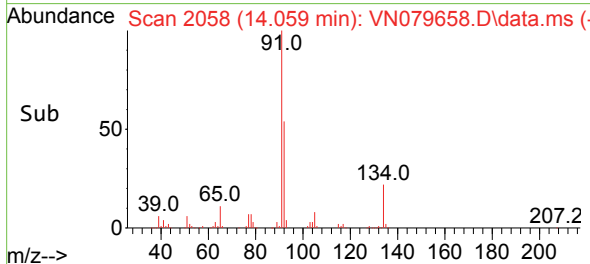
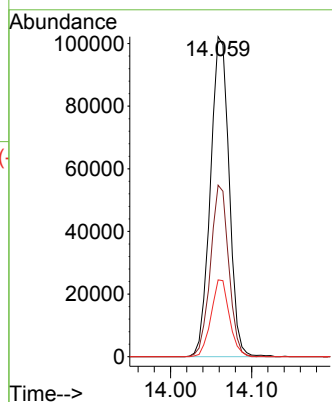
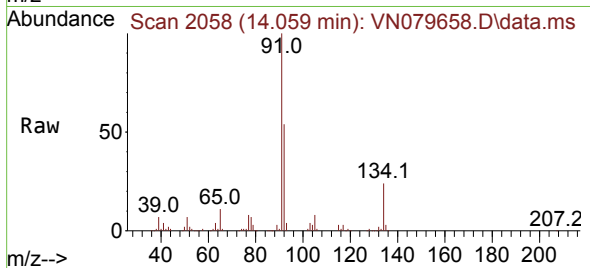
Tgt Ion: 91 Resp: 163238

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.0

134 23.5 12.6 37.6



#90

Hexachloroethane

Concen: 19.206 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079658.D

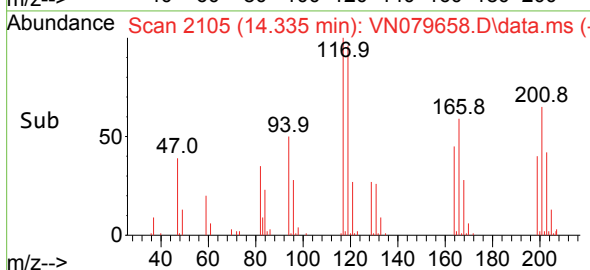
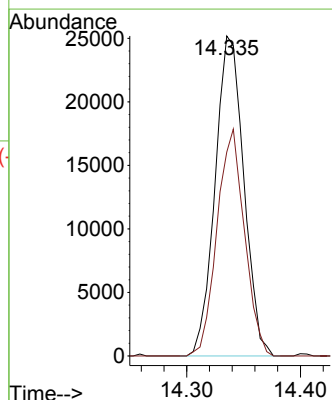
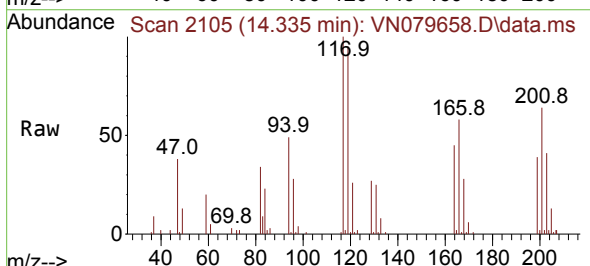
Acq: 24 Oct 2023 15:25

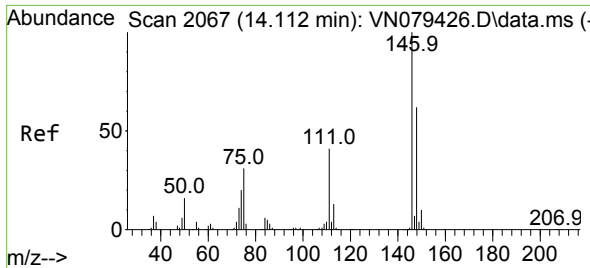
Tgt Ion: 117 Resp: 44196

Ion Ratio Lower Upper

117 100

201 67.8 29.3 88.0

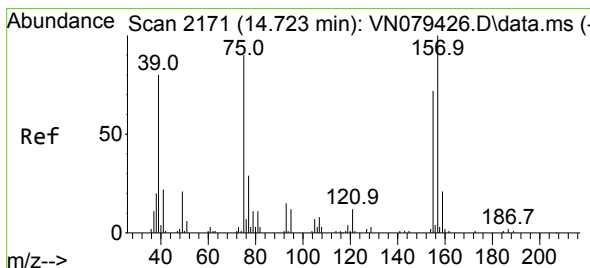
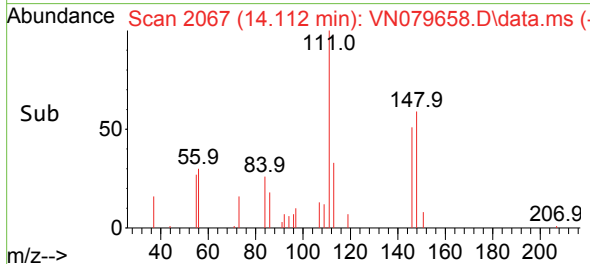
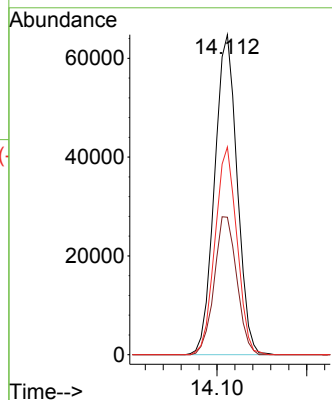
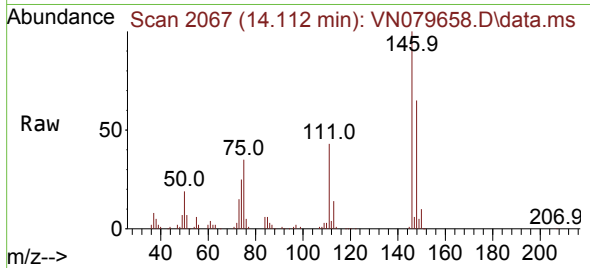




#91
1,2-Dichlorobenzene
Concen: 18.741 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

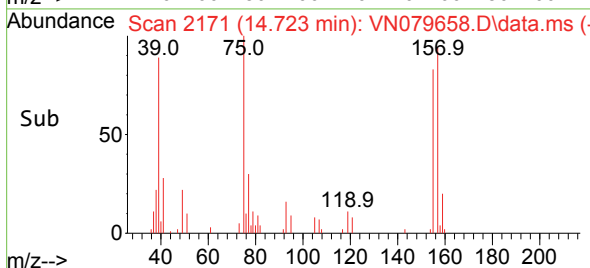
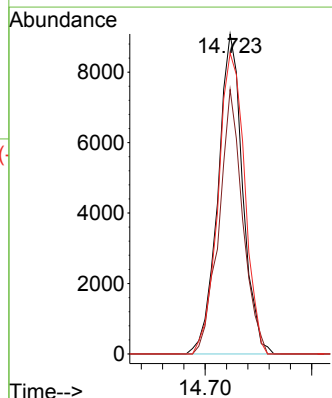
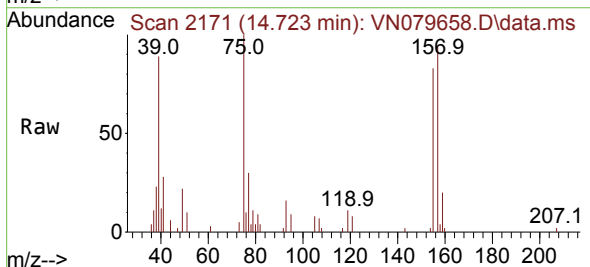
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

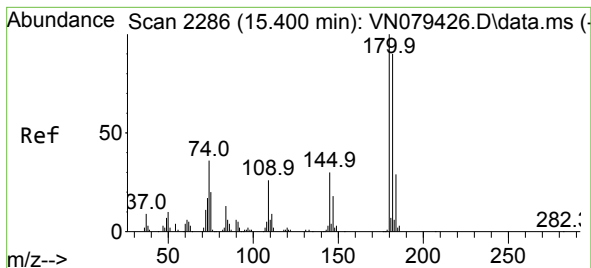
Tgt Ion:146 Resp: 112783
Ion Ratio Lower Upper
146 100
111 43.2 22.0 66.0
148 63.1 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.959 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079658.D
Acq: 24 Oct 2023 15:25

Tgt Ion: 75 Resp: 14640
Ion Ratio Lower Upper
75 100
155 79.0 39.1 117.2
157 100.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.432 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079658.D

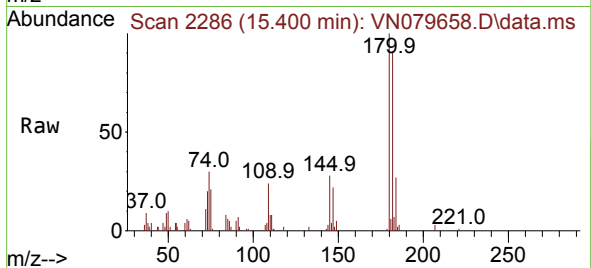
Acq: 24 Oct 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS01



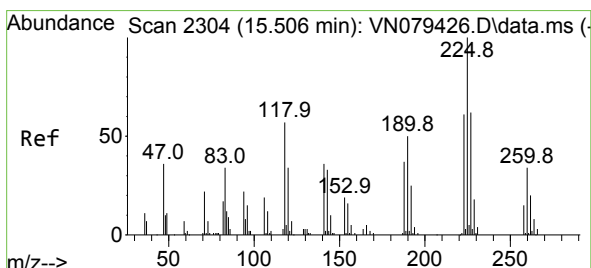
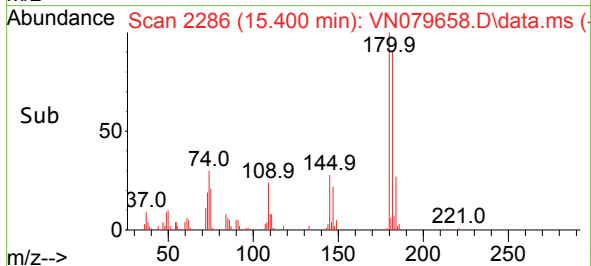
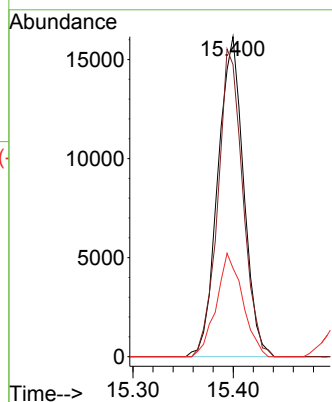
Tgt Ion:180 Resp: 28763

Ion Ratio Lower Upper

180 100

182 93.0 46.1 138.2

145 33.0 16.6 49.8



#94

Hexachlorobutadiene

Concen: 18.728 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

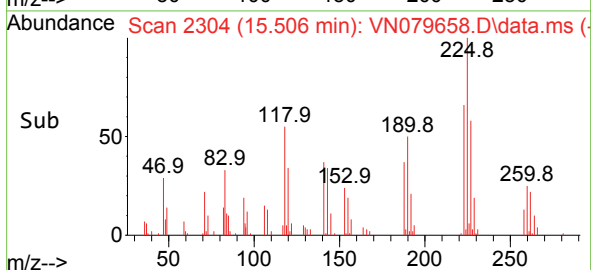
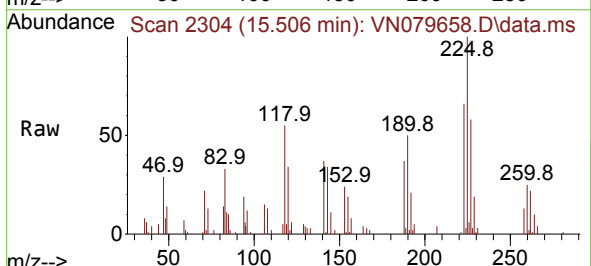
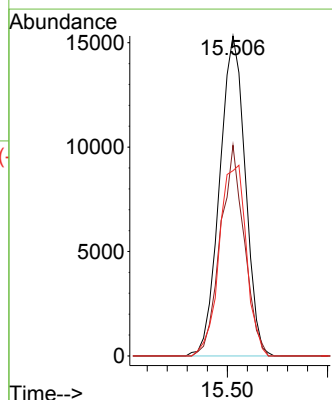
Tgt Ion:225 Resp: 27186

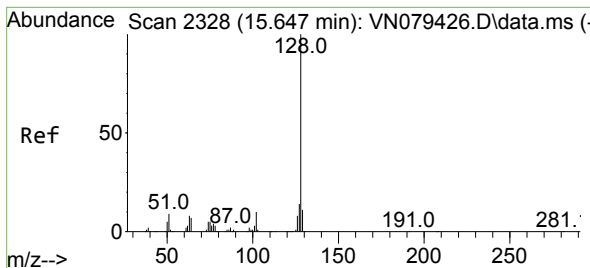
Ion Ratio Lower Upper

225 100

223 61.6 31.3 93.8

227 63.1 31.9 95.9





#95

Naphthalene

Concen: 13.559 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS01

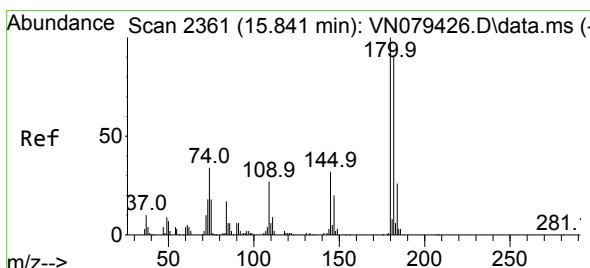
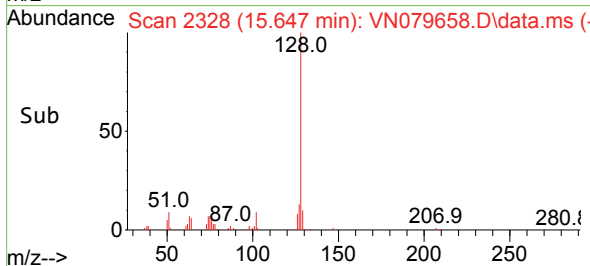
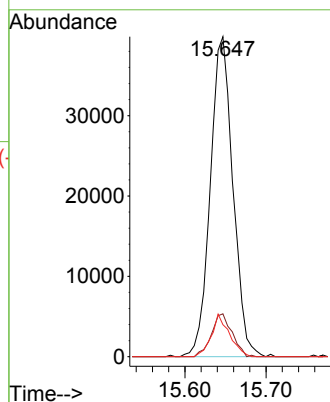
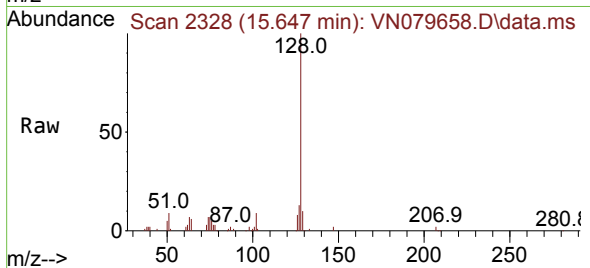
Tgt Ion:128 Resp: 77172

Ion Ratio Lower Upper

128 100

127 12.2 10.0 15.0

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 15.303 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079658.D

Acq: 24 Oct 2023 15:25

Tgt Ion:180 Resp: 34037

Ion Ratio Lower Upper

180 100

182 94.9 46.2 138.6

145 35.4 17.5 52.6

