

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN079001.D
 Acq On : 22 Aug 2023 18:00
 Operator : JC\MD
 Sample : VN0822MBS01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 03:06:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	172482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	321666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	281720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116672	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	136215	50.751	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.500%	
35) Dibromofluoromethane	8.171	113	104982	48.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.960%	
50) Toluene-d8	10.571	98	398886	49.613	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	12.853	95	128082	48.739	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.480%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	48461	20.249	ug/l	97
3) Chloromethane	2.365	50	55172	16.511	ug/l	99
4) Vinyl Chloride	2.512	62	57450	19.605	ug/l	99
5) Bromomethane	2.954	94	35012	20.810	ug/l	95
6) Chloroethane	3.118	64	40261	19.653	ug/l	100
7) Trichlorofluoromethane	3.495	101	72787	20.393	ug/l	100
8) Diethyl Ether	3.959	74	25508	18.851	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.365	101	36333	19.113	ug/l	95
10) Methyl Iodide	4.589	142	42895	20.168	ug/l #	95
11) Tert butyl alcohol	5.536	59	43422	96.413	ug/l	99
12) 1,1-Dichloroethene	4.336	96	37550	20.278	ug/l	91
13) Acrolein	4.183	56	26261	96.773	ug/l	94
14) Allyl chloride	5.030	41	69460	18.847	ug/l #	87
15) Acrylonitrile	5.724	53	119590	98.017	ug/l	98
16) Acetone	4.436	43	107020	96.637	ug/l	91
17) Carbon Disulfide	4.718	76	100980	19.482	ug/l	96
18) Methyl Acetate	5.036	43	90531	19.351	ug/l #	82
19) Methyl tert-butyl Ether	5.795	73	129632	19.434	ug/l	97
20) Methylene Chloride	5.271	84	45937	19.464	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	41099	19.793	ug/l #	70
22) Diisopropyl ether	6.677	45	156343	20.052	ug/l #	85
23) Vinyl Acetate	6.612	43	486911	94.847	ug/l #	83
24) 1,1-Dichloroethane	6.577	63	84150	19.757	ug/l	97
25) 2-Butanone	7.489	43	167676	94.437	ug/l #	75
26) 2,2-Dichloropropane	7.500	77	49018	14.237	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	50063	19.836	ug/l	92
28) Bromochloromethane	7.818	49	42569	18.841	ug/l #	71
29) Tetrahydrofuran	7.847	42	114438	97.376	ug/l #	70
30) Chloroform	7.971	83	84074	19.758	ug/l	97
31) Cyclohexane	8.265	56	67646	18.548	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	74571	20.552	ug/l	93
36) 1,1-Dichloropropene	8.377	75	61065	18.748	ug/l	96
37) Ethyl Acetate	7.565	43	70167	19.254	ug/l #	88
38) Carbon Tetrachloride	8.371	117	62976	19.297	ug/l	97
39) Methylcyclohexane	9.606	83	53648	17.909	ug/l #	84
40) Benzene	8.612	78	183640	19.075	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	38555	19.425	ug/l #	82
42) 1,2-Dichloroethane	8.677	62	67729	18.830	ug/l	97
43) Isopropyl Acetate	8.694	43	144324	22.406	ug/l #	80
44) Trichloroethene	9.359	130	44557	19.478	ug/l	95
45) 1,2-Dichloropropane	9.624	63	48281	18.836	ug/l	99
46) Dibromomethane	9.712	93	31767	18.069	ug/l	87
47) Bromodichloromethane	9.894	83	68788	19.814	ug/l #	89
48) Methyl methacrylate	9.688	41	53517	18.335	ug/l #	79
49) 1,4-Dioxane	9.700	88	18957	381.301	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	352467	92.261	ug/l	87
52) Toluene	10.635	92	113714	19.238	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	66054	17.742	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	71622	17.664	ug/l #	83
55) 1,1,2-Trichloroethane	11.024	97	46225	19.504	ug/l	95
56) Ethyl methacrylate	10.877	69	66874	18.203	ug/l #	78
57) 1,3-Dichloropropane	11.171	76	81872	19.314	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	141412	80.186	ug/l	90
59) 2-Hexanone	11.200	43	251946	91.052	ug/l	84
60) Dibromochloromethane	11.365	129	47680	19.118	ug/l	99
61) 1,2-Dibromoethane	11.471	107	46390	19.261	ug/l	97
64) Tetrachloroethene	11.106	164	36059	20.410	ug/l	95
65) Chlorobenzene	11.900	112	118700	19.794	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	46134	20.357	ug/l	97
67) Ethyl Benzene	11.971	91	203891	18.696	ug/l	97
68) m/p-Xylenes	12.076	106	154241	37.829	ug/l	97
69) o-Xylene	12.400	106	74232	18.716	ug/l	95
70) Styrene	12.418	104	121518	18.374	ug/l	96
71) Bromoform	12.582	173	30381	18.440	ug/l #	93
73) Isopropylbenzene	12.700	105	182139	18.723	ug/l	99
74) N-amyl acetate	12.500	43	89495	18.225	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	70384	20.037	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	81953	29.152	ug/l	67
77) Bromobenzene	12.982	156	43907	18.777	ug/l	91
78) n-propylbenzene	13.041	91	210016	18.617	ug/l	99
79) 2-Chlorotoluene	13.129	91	128338	18.340	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	151149	19.606	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	20078	18.245	ug/l #	84
82) 4-Chlorotoluene	13.223	91	128971	18.836	ug/l	99
83) tert-Butylbenzene	13.441	119	125920	19.440	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	144795	18.968	ug/l	98
85) sec-Butylbenzene	13.618	105	167862	18.831	ug/l	98
86) p-Isopropyltoluene	13.735	119	128954	18.106	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	75137	18.673	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	74285	18.445	ug/l	97
89) n-Butylbenzene	14.059	91	98431	16.794	ug/l	99
90) Hexachloroethane	14.341	117	28271	19.802	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	75759	18.933	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11822	17.536	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	22767	16.049	ug/l	98
94) Hexachlorobutadiene	15.506	225	14017	17.025	ug/l	97
95) Naphthalene	15.647	128	63092	13.705	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	25063	16.131	ug/l	94

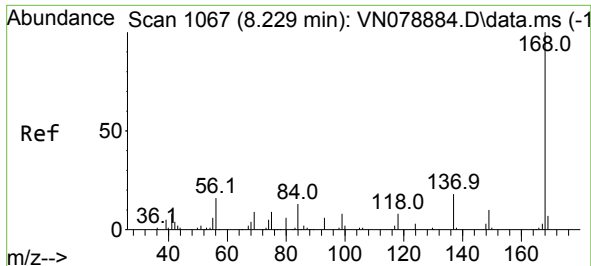
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
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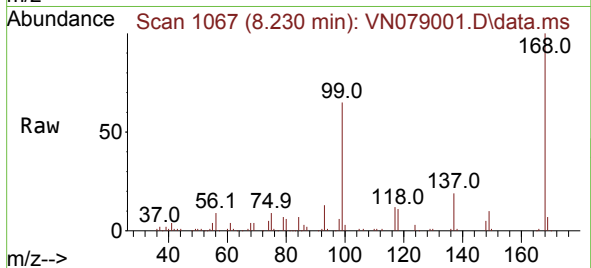
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

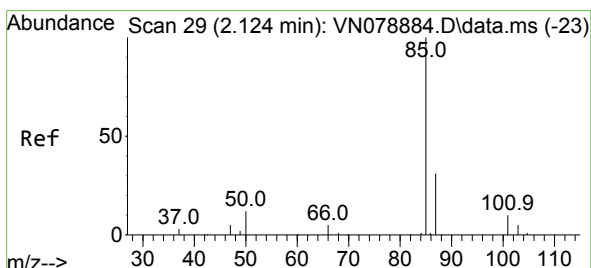
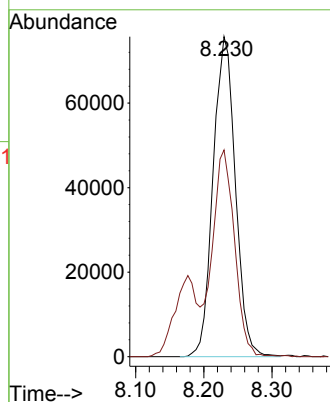
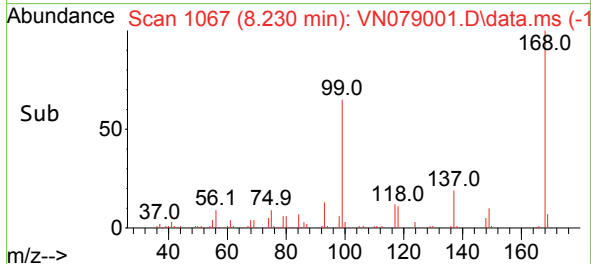


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Instrument :
MSVOA_N
ClientSampleId :

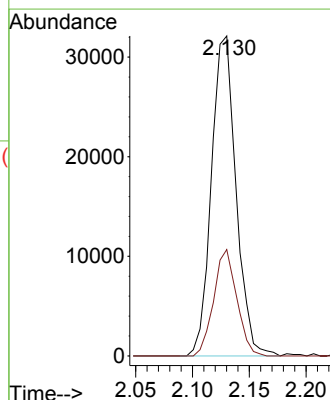
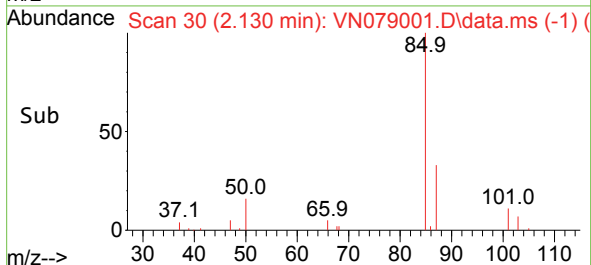
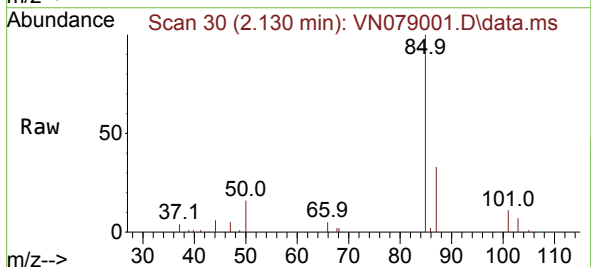


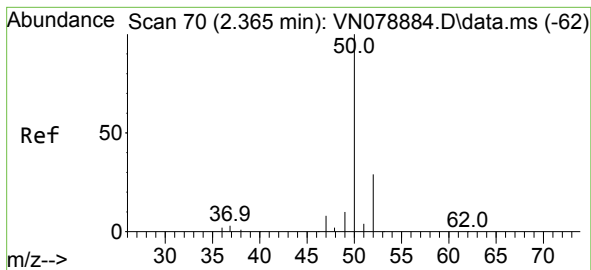
Tgt Ion:168 Resp: 172482
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 20.249 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion: 85 Resp: 48461
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





#3

Chloromethane

Concen: 16.511 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

Instrument :

MSVOA_N

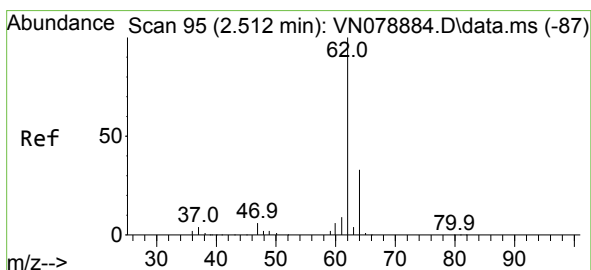
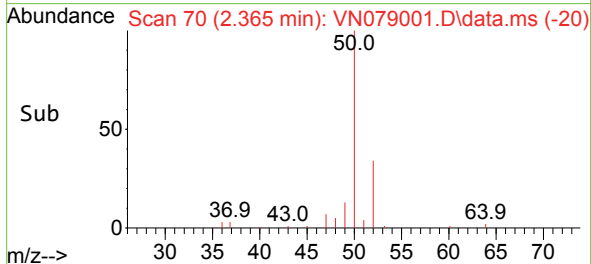
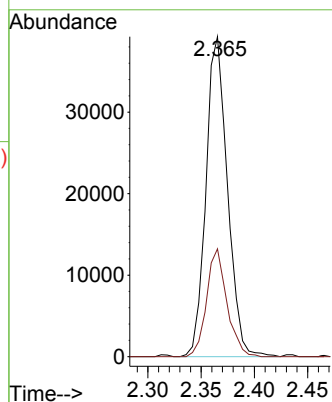
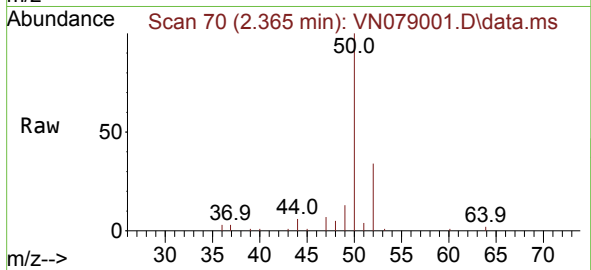
ClientSampleId :

Tgt Ion: 50 Resp: 55172

Ion Ratio Lower Upper

50 100

52 33.7 26.5 39.7



#4

Vinyl Chloride

Concen: 19.605 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN079001.D

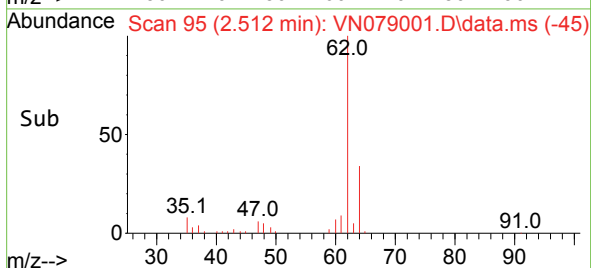
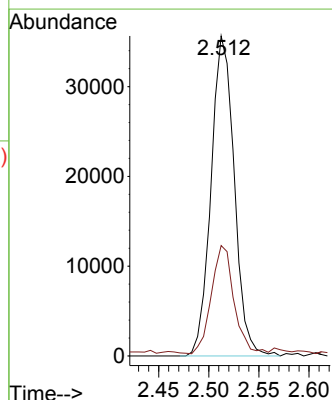
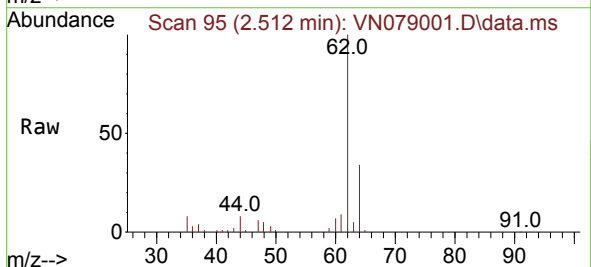
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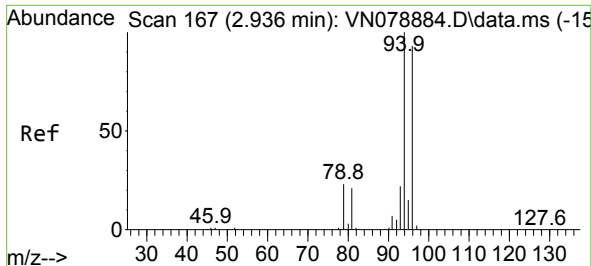
Tgt Ion: 62 Resp: 57450

Ion Ratio Lower Upper

62 100

64 33.5 26.2 39.2





#5

Bromomethane

Concen: 20.810 ug/l

RT: 2.954 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

Instrument :

MSVOA_N

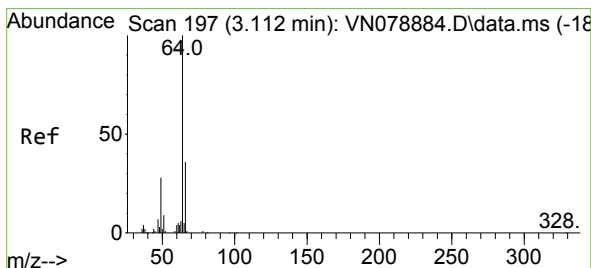
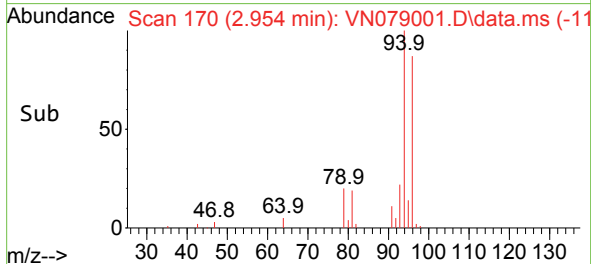
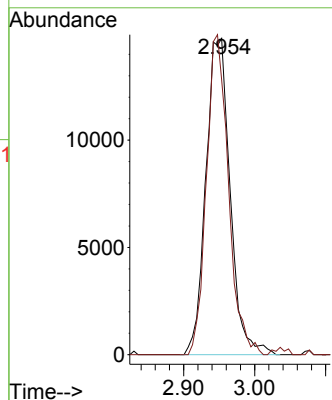
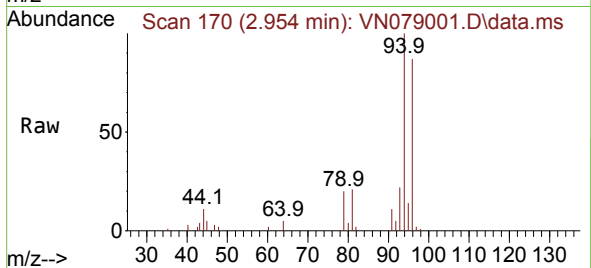
ClientSampleId :

Tgt Ion: 94 Resp: 35012

Ion Ratio Lower Upper

94 100

96 87.0 73.1 109.7



#6

Chloroethane

Concen: 19.653 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.000 min

Lab File: VN079001.D

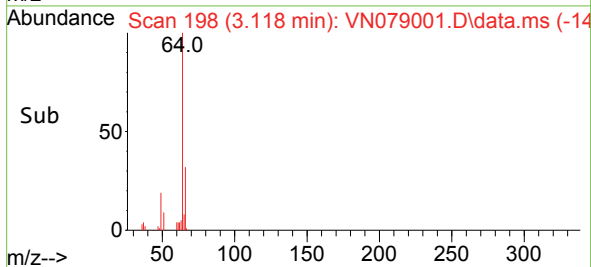
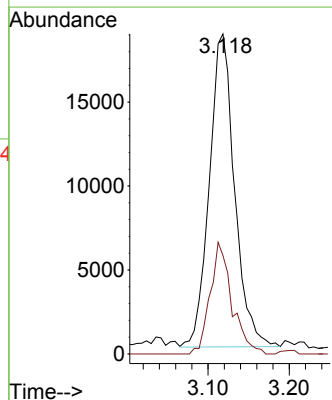
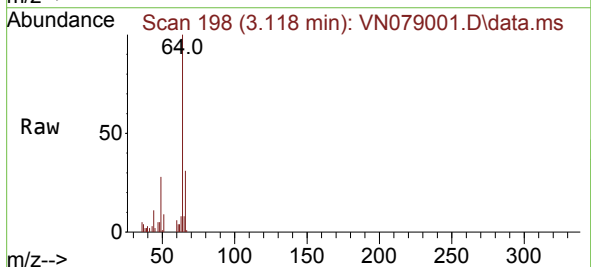
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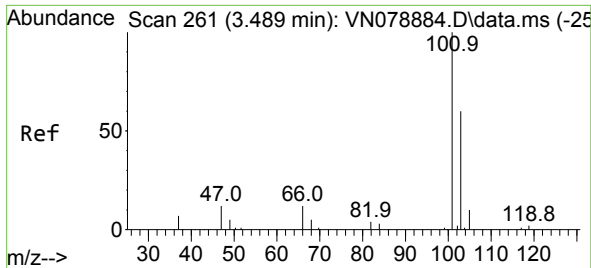
Tgt Ion: 64 Resp: 40261

Ion Ratio Lower Upper

64 100

66 31.5 25.4 38.2

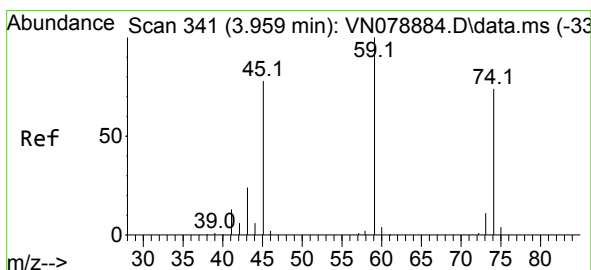
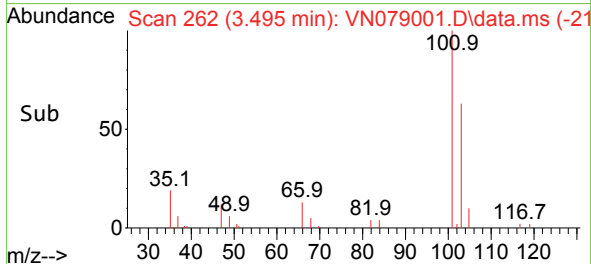
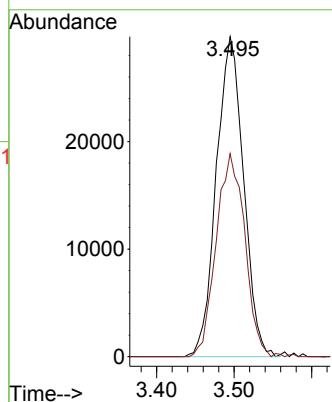
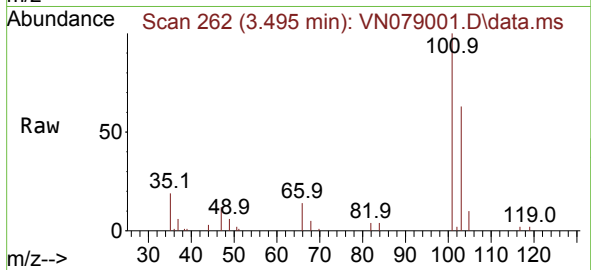




#7
Trichlorofluoromethane
Concen: 20.393 ug/l
RT: 3.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

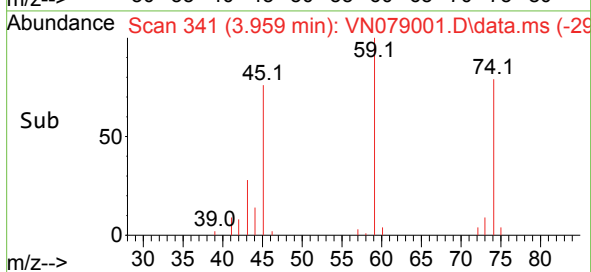
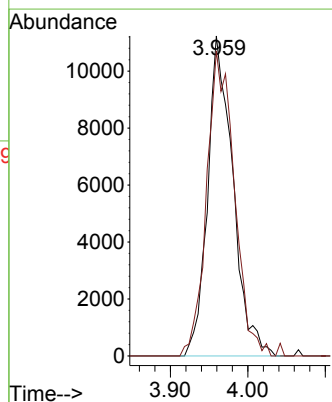
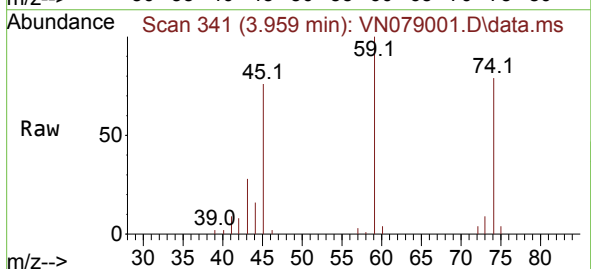
Instrument :
MSVOA_N
ClientSampleId :

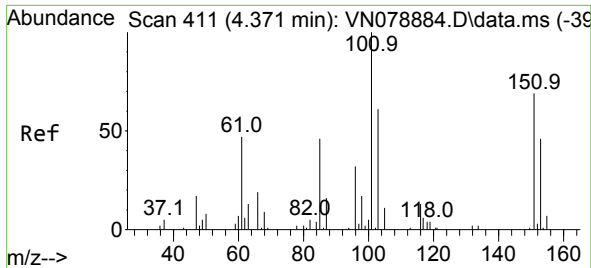
Tgt Ion:101 Resp: 72787
Ion Ratio Lower Upper
101 100
103 63.4 50.7 76.1



#8
Diethyl Ether
Concen: 18.851 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion: 74 Resp: 25508
Ion Ratio Lower Upper
74 100
45 104.1 34.4 103.3#

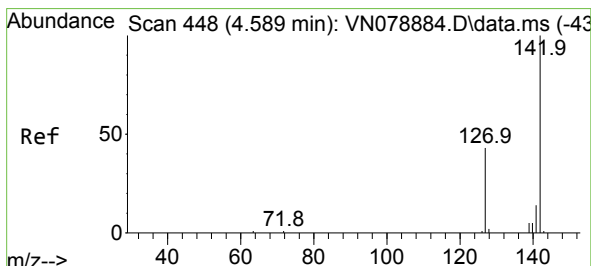
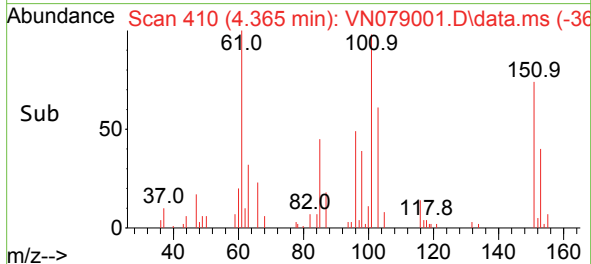
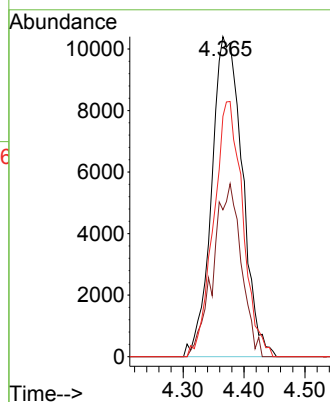
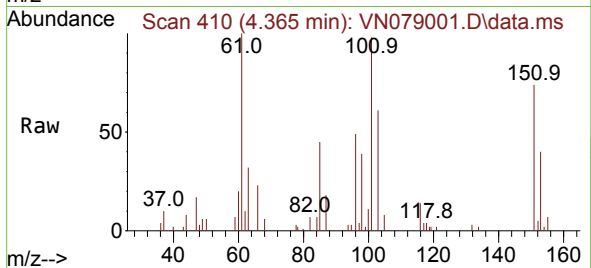




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.113 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

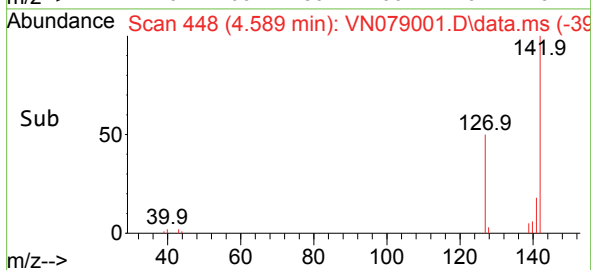
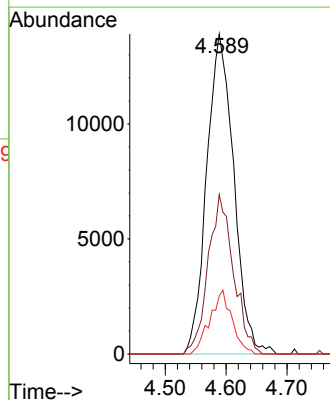
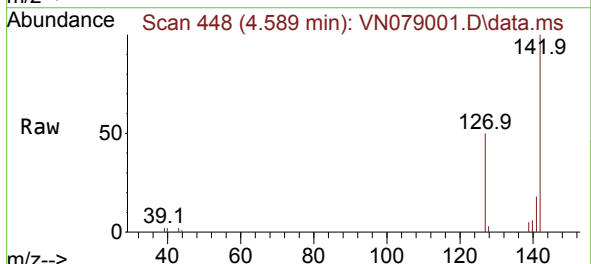
Instrument :
MSVOA_N
ClientSampleId :

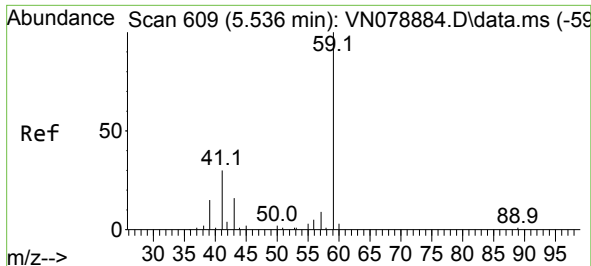
Tgt Ion:101 Resp: 36333
Ion Ratio Lower Upper
101 100
85 49.8 36.6 55.0
151 75.9 57.6 86.4



#10
Methyl Iodide
Concen: 20.168 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion:142 Resp: 42895
Ion Ratio Lower Upper
142 100
127 49.8 37.6 56.4
141 18.2 11.4 17.0#

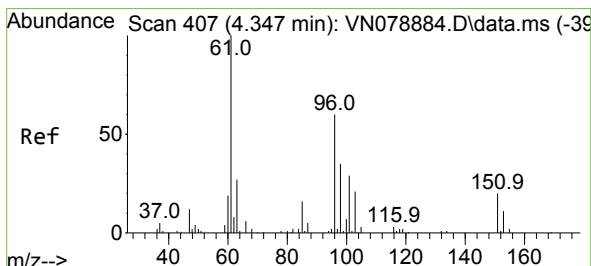
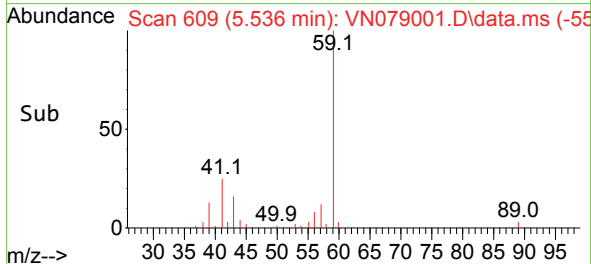
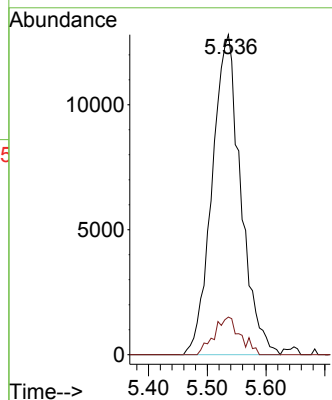
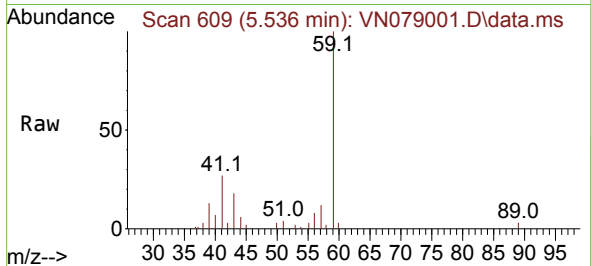




#11
Tert butyl alcohol
Concen: 96.413 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

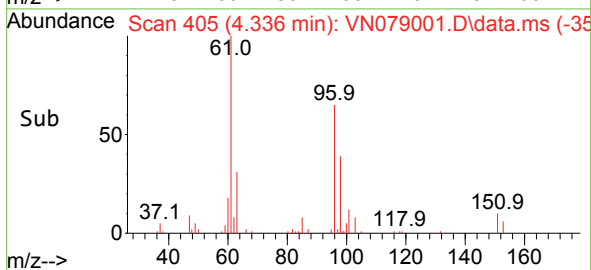
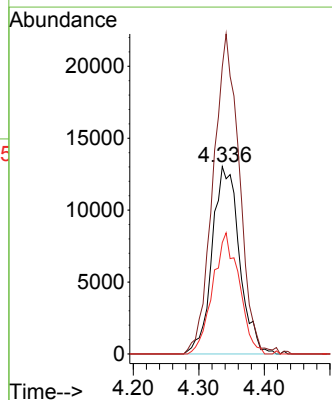
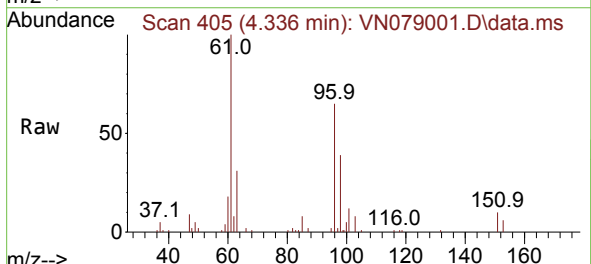
Instrument :
MSVOA_N
ClientSampleId :

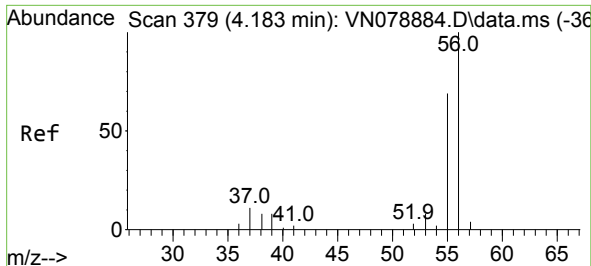
Tgt Ion: 59 Resp: 43422
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.278 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion: 96 Resp: 37550
Ion Ratio Lower Upper
96 100
61 153.2 112.7 169.1
98 59.4 51.2 76.8

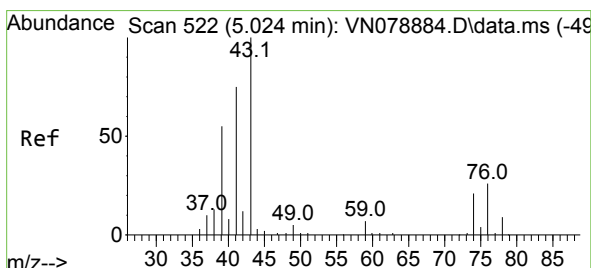
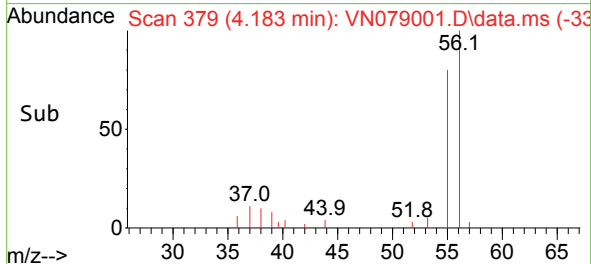
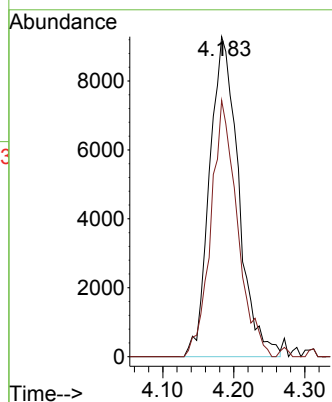
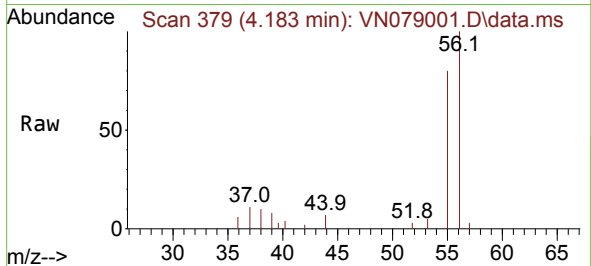




#13
Acrolein
Concen: 96.773 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

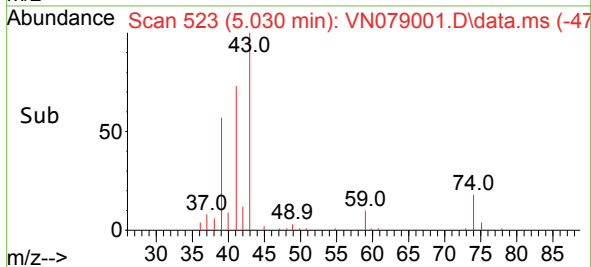
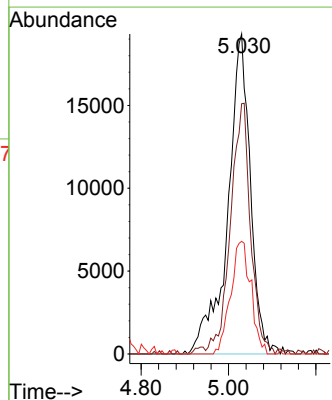
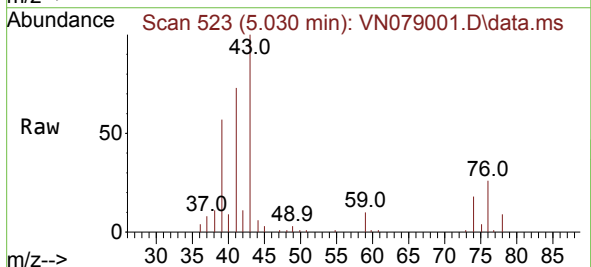
Instrument :
MSVOA_N
ClientSampleId :

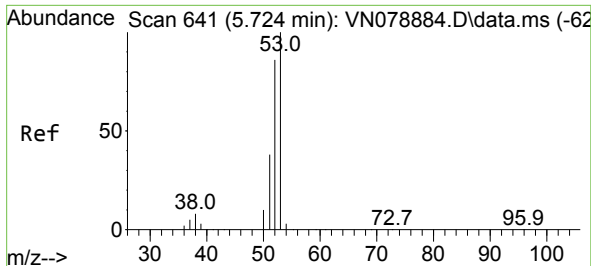
Tgt Ion: 56 Resp: 26261
Ion Ratio Lower Upper
56 100
55 73.2 54.5 81.7



#14
Allyl chloride
Concen: 18.847 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

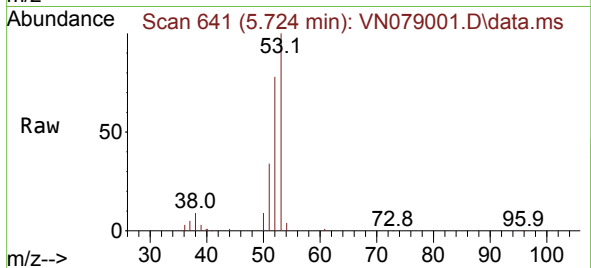
Tgt Ion: 41 Resp: 69460
Ion Ratio Lower Upper
41 100
39 69.2 58.8 88.2
76 31.5 39.1 58.7#



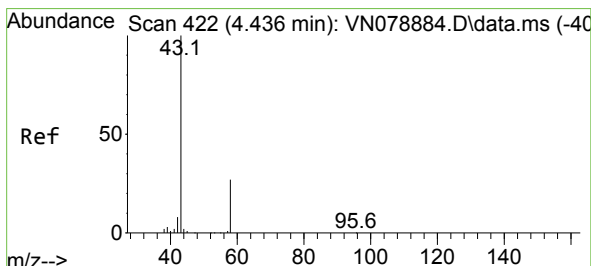
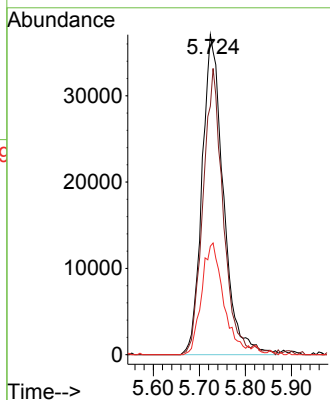
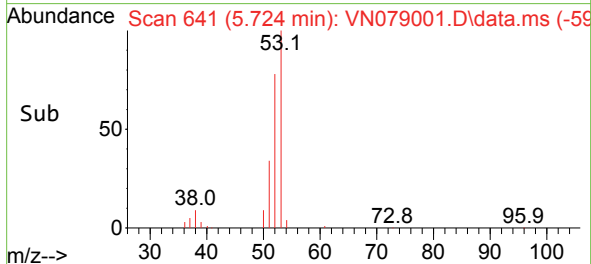


#15
Acrylonitrile
Concen: 98.017 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Instrument :
MSVOA_N
ClientSampleId :

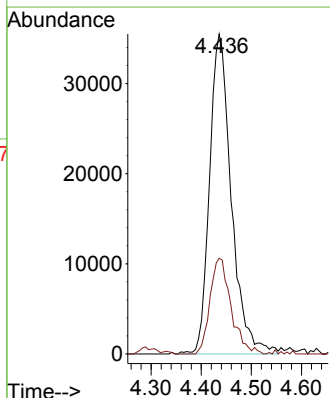
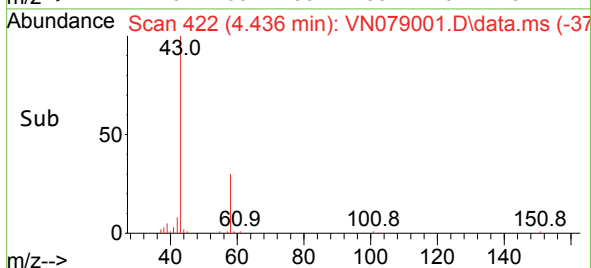
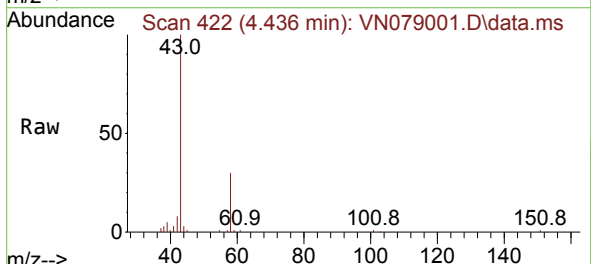


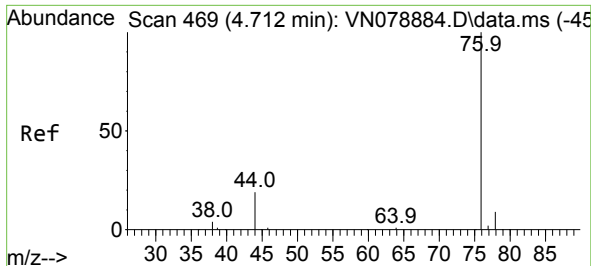
Tgt Ion: 53 Resp: 119590
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 35.6 28.9 43.3



#16
Acetone
Concen: 96.637 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

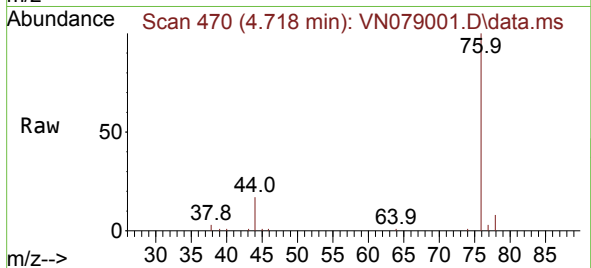
Tgt Ion: 43 Resp: 107020
Ion Ratio Lower Upper
43 100
58 29.9 28.0 42.0



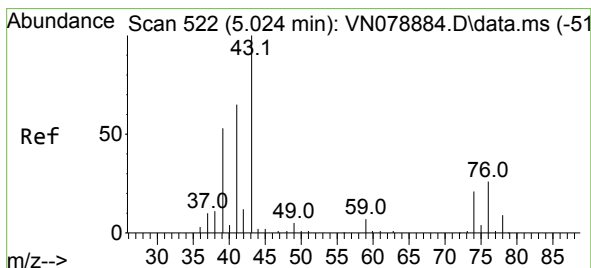
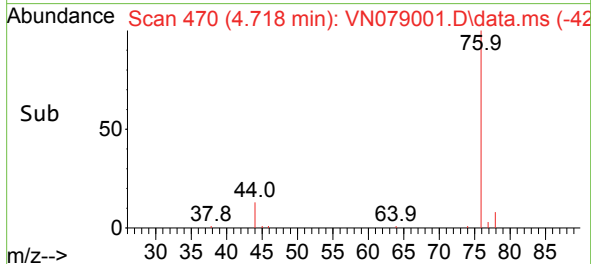
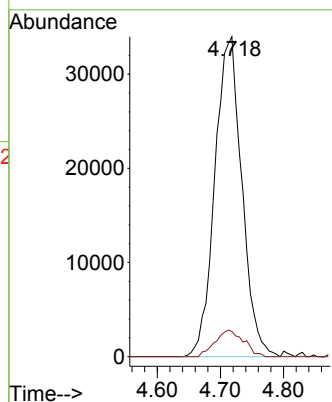


#17
Carbon Disulfide
Concen: 19.482 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Instrument :
MSVOA_N
ClientSampleId :

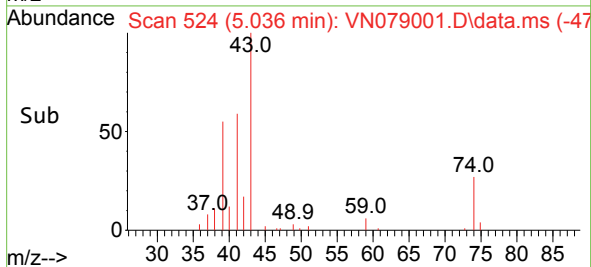
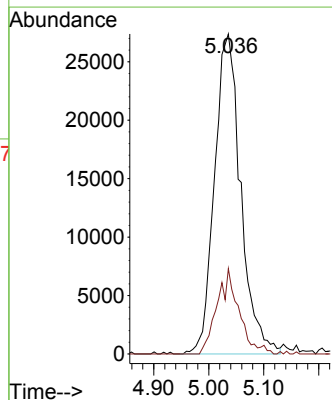
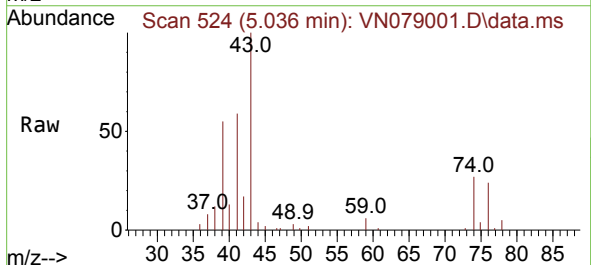


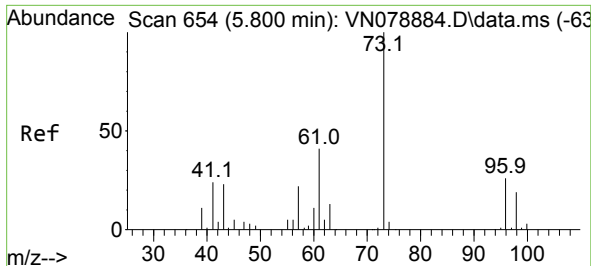
Tgt Ion: 76 Resp: 100980
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0



#18
Methyl Acetate
Concen: 19.351 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion: 43 Resp: 90531
Ion Ratio Lower Upper
43 100
74 22.5 26.2 39.4#





#19

Methyl tert-butyl Ether

Concen: 19.434 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.023 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

Instrument :

MSVOA_N

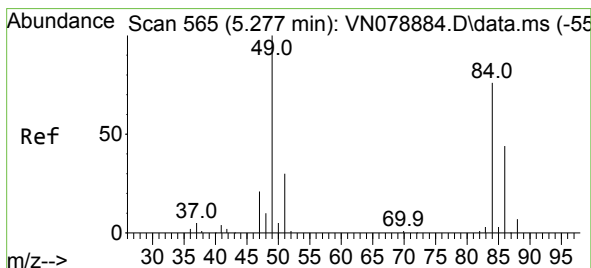
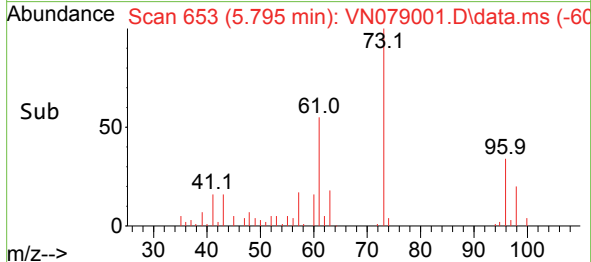
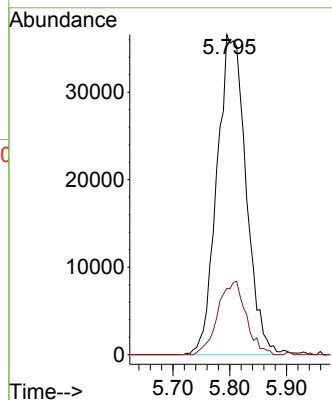
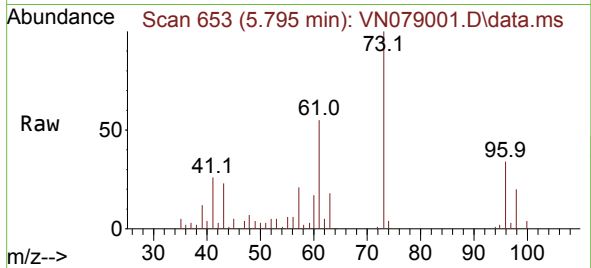
ClientSampleId :

Tgt Ion: 73 Resp: 129632

Ion Ratio Lower Upper

73 100

57 20.7 15.6 23.4



#20

Methylene Chloride

Concen: 19.464 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.012 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

Tgt Ion: 84 Resp: 45937

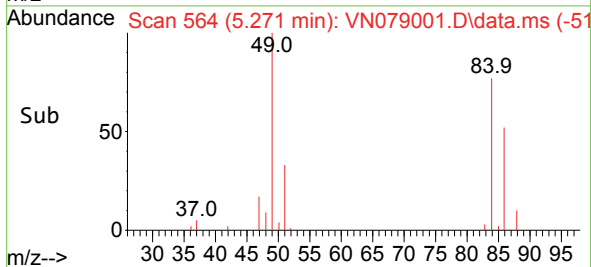
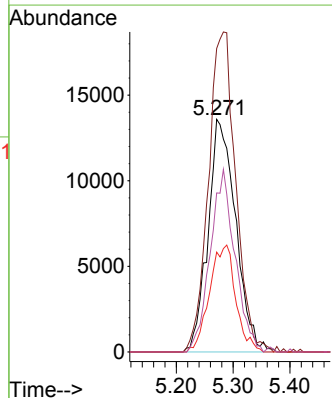
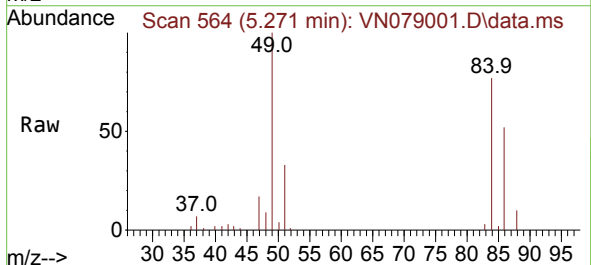
Ion Ratio Lower Upper

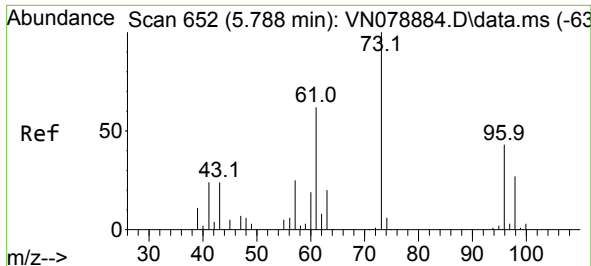
84 100

49 130.5 79.7 119.5#

51 42.9 25.2 37.8#

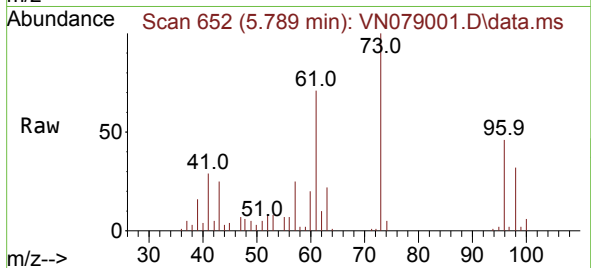
86 68.4 53.3 79.9



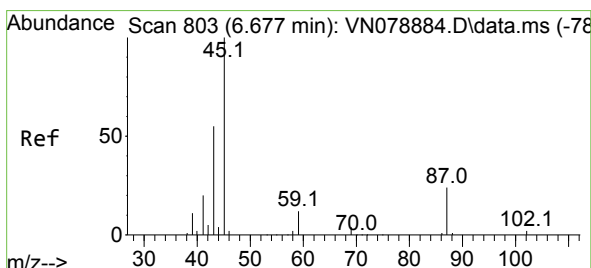
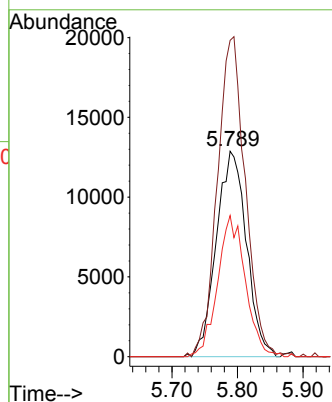
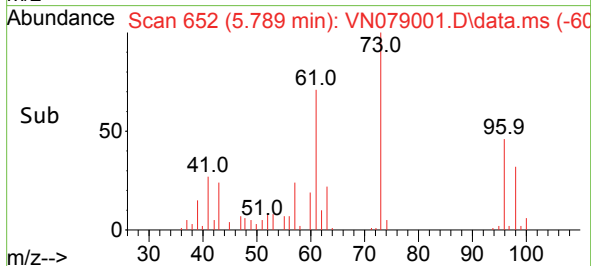


#21
trans-1,2-Dichloroethene
Concen: 19.793 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

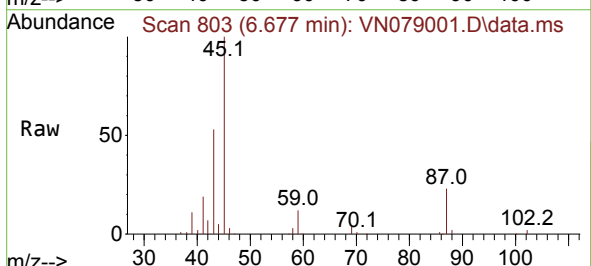
Instrument :
MSVOA_N
ClientSampleId :



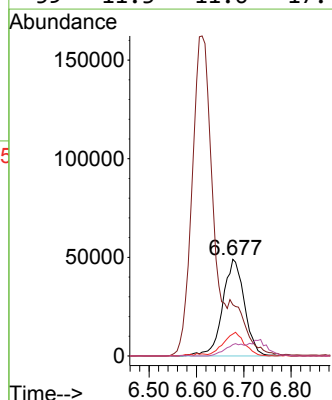
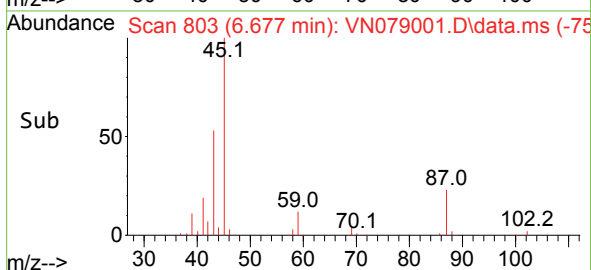
Tgt Ion: 96 Resp: 41099
Ion Ratio Lower Upper
96 100
61 153.9 90.1 135.1#
98 68.7 46.4 69.6

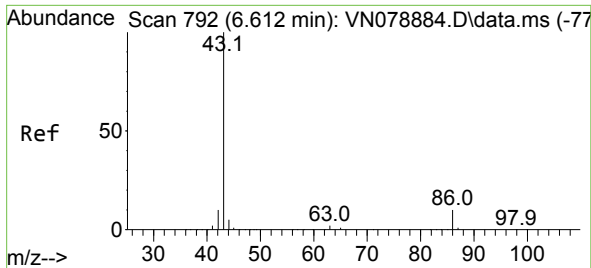


#22
Diisopropyl ether
Concen: 20.052 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00



Tgt Ion: 45 Resp: 156343
Ion Ratio Lower Upper
45 100
43 51.5 45.5 68.3
87 22.4 31.8 47.8#
59 11.3 11.6 17.4#

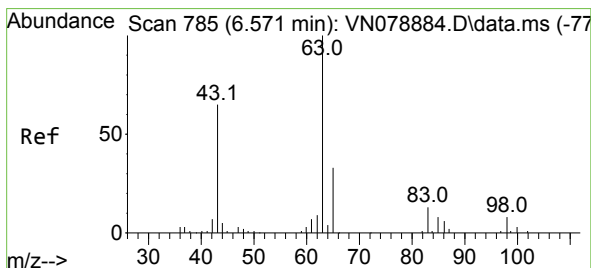
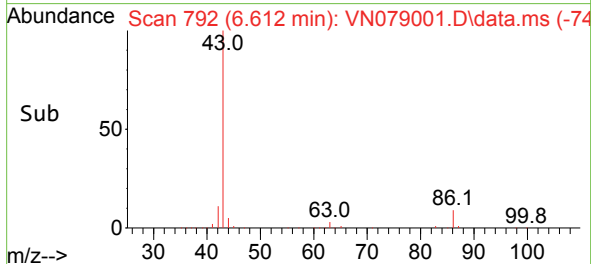
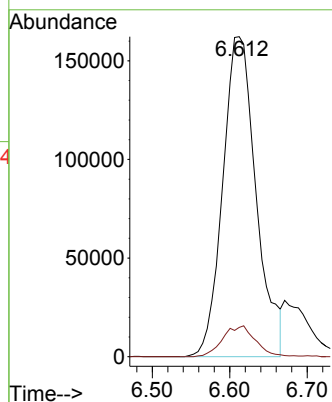
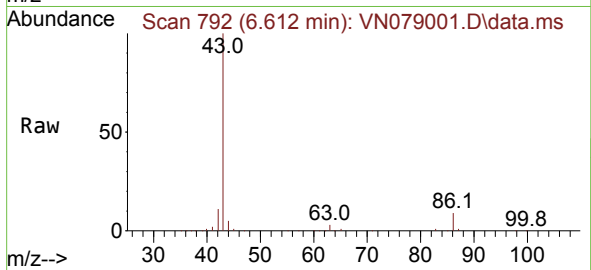




#23
 Vinyl Acetate
 Concen: 94.847 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN079001.D
 Acq: 22 Aug 2023 18:00

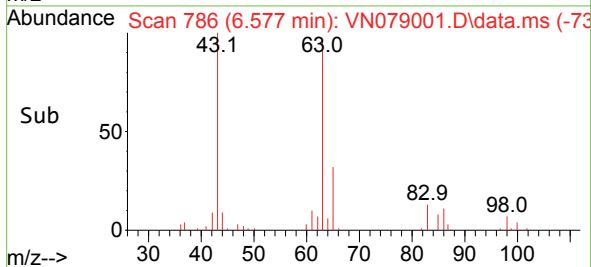
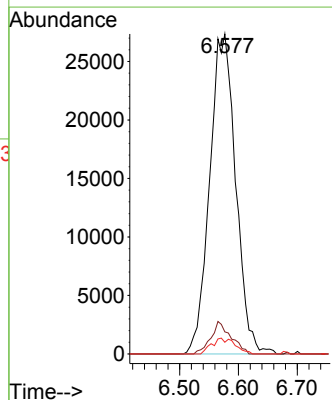
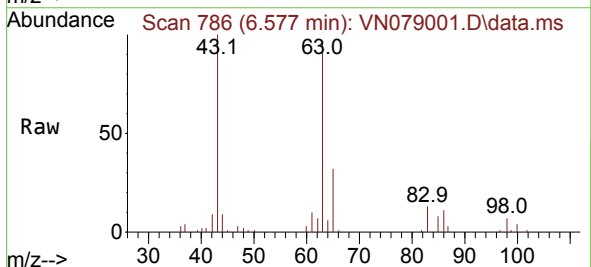
Instrument :
 MSVOA_N
 ClientSampleId :

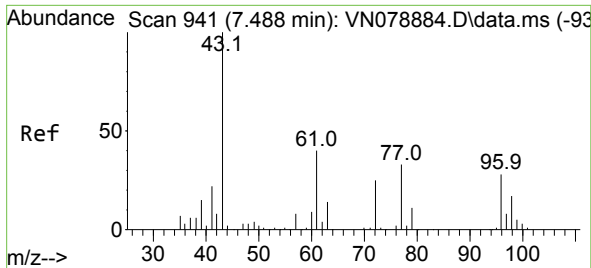
Tgt Ion: 43 Resp: 486911
 Ion Ratio Lower Upper
 43 100
 86 9.1 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.757 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079001.D
 Acq: 22 Aug 2023 18:00

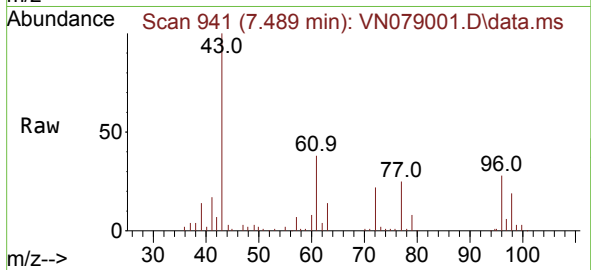
Tgt Ion: 63 Resp: 84150
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 3.7 2.5 7.4



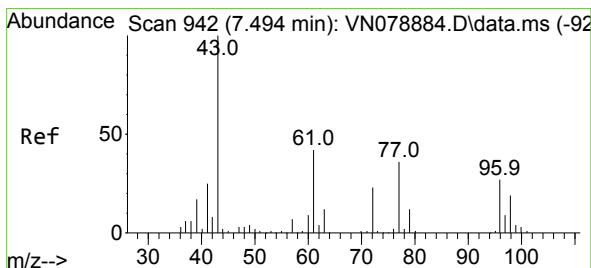
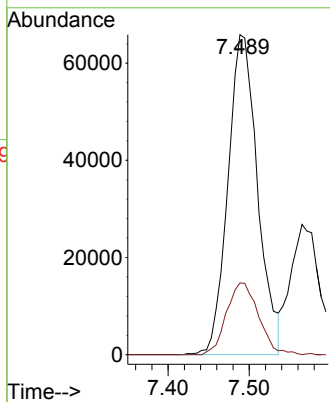
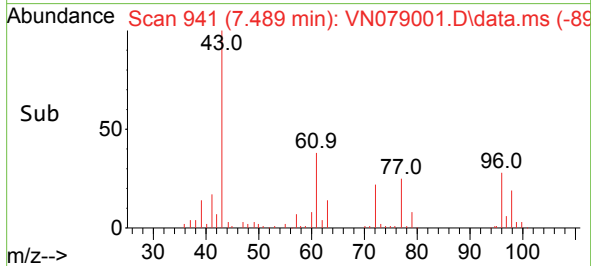


#25
2-Butanone
Concen: 94.437 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

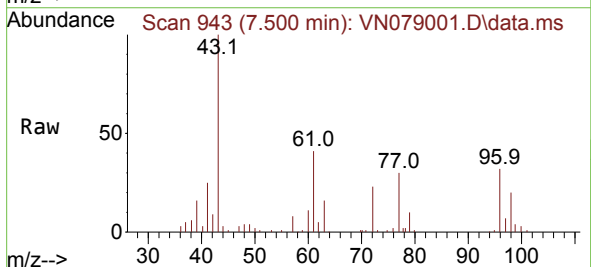
Instrument :
MSVOA_N
ClientSampleId :



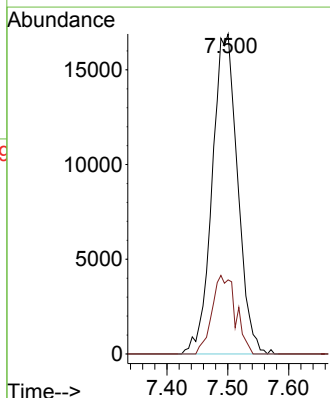
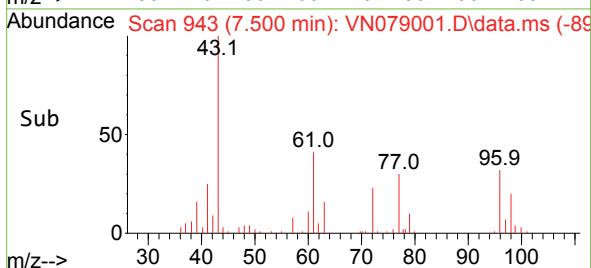
Tgt Ion: 43 Resp: 167676
Ion Ratio Lower Upper
43 100
72 22.4 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 14.237 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00



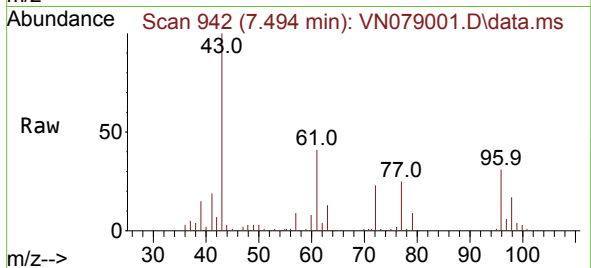
Tgt Ion: 77 Resp: 49018
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6



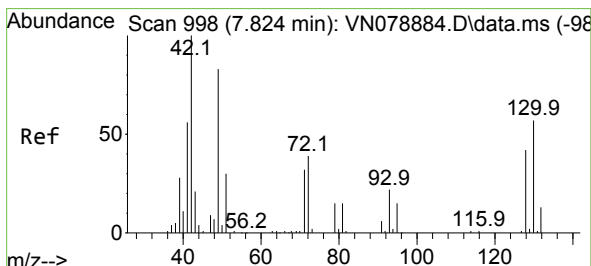
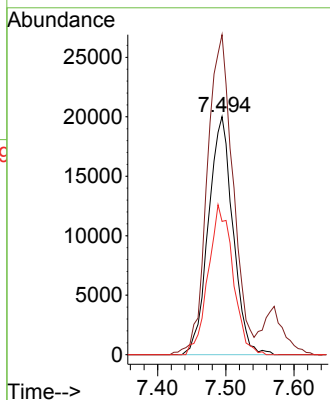
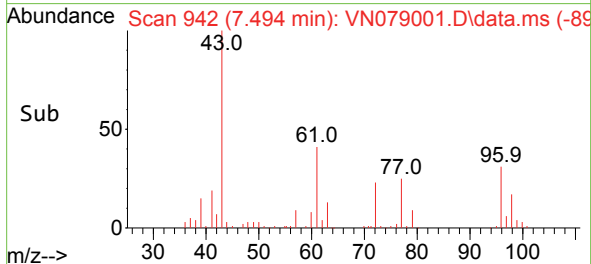


#27
 cis-1,2-Dichloroethene
 Concen: 19.836 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079001.D
 Acq: 22 Aug 2023 18:00

Instrument :
 MSVOA_N
 ClientSampleId :

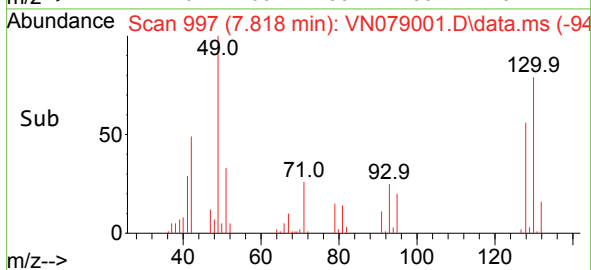
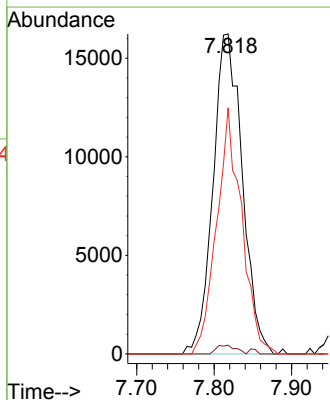
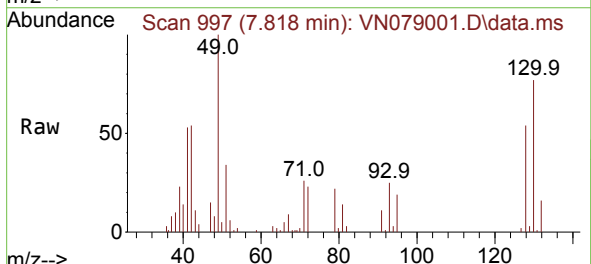


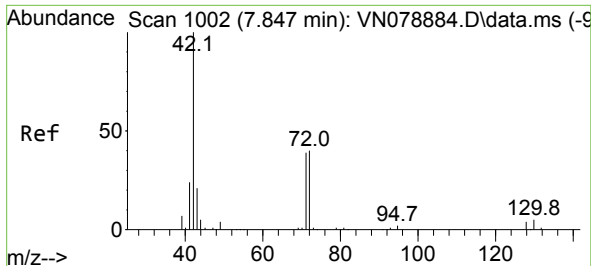
Tgt Ion: 96 Resp: 50063
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 255.2
 98 63.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 18.841 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079001.D
 Acq: 22 Aug 2023 18:00

Tgt Ion: 49 Resp: 42569
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 65.8 75.3 112.9#





#29

Tetrahydrofuran

Concen: 97.376 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

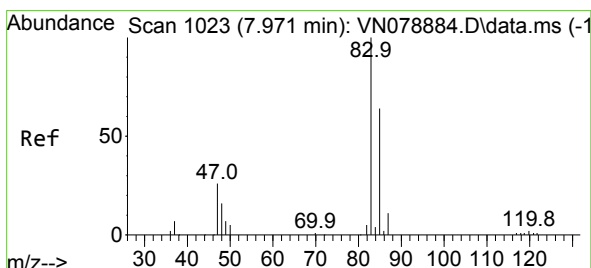
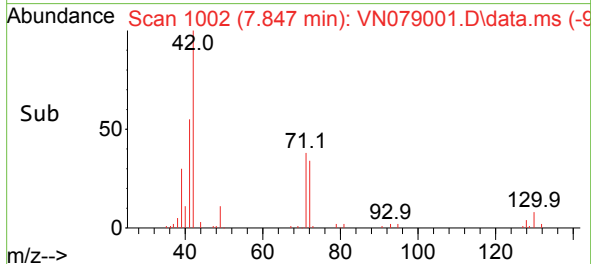
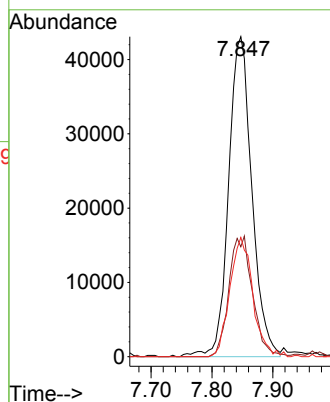
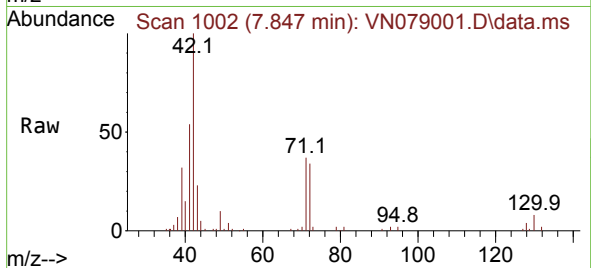
Tgt Ion: 42 Resp: 114438

Ion Ratio Lower Upper

42 100

72 38.2 49.8 74.6#

71 36.9 47.4 71.2#



#30

Chloroform

Concen: 19.758 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079001.D

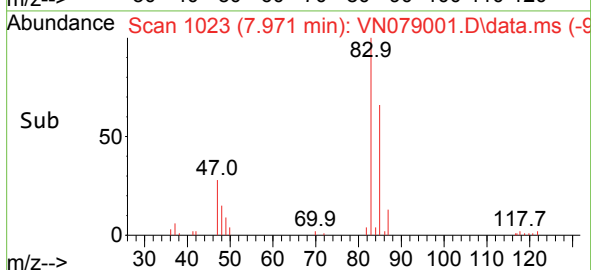
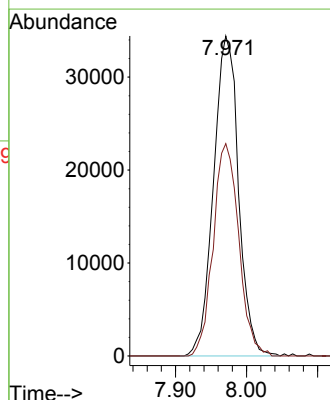
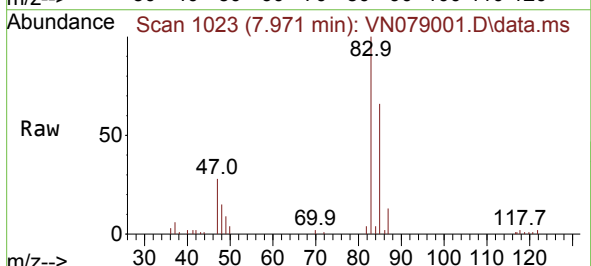
Acq: 22 Aug 2023 18:00

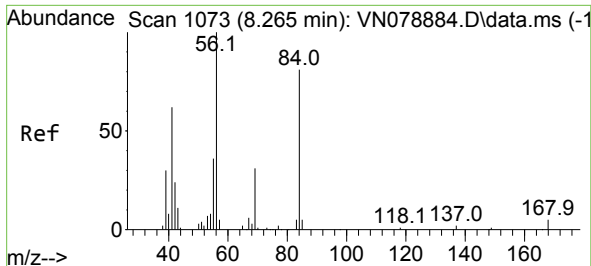
Tgt Ion: 83 Resp: 84074

Ion Ratio Lower Upper

83 100

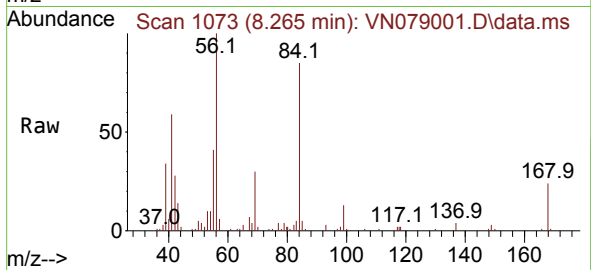
85 66.4 55.4 83.0



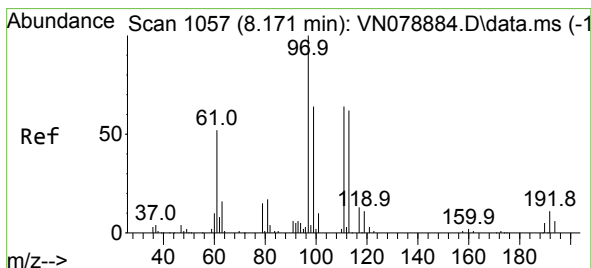
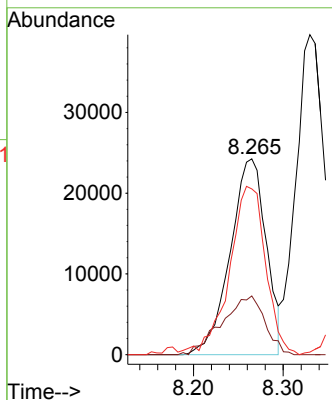
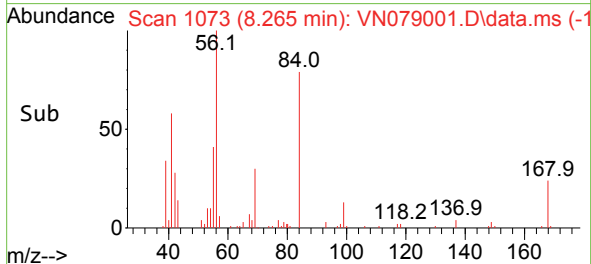


#31
Cyclohexane
Concen: 18.548 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Instrument :
MSVOA_N
ClientSampleId :

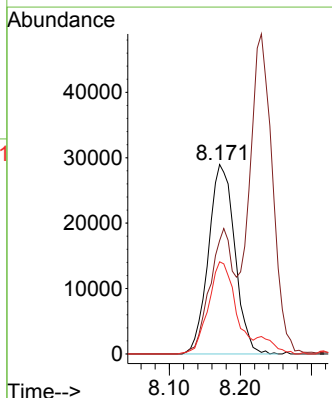
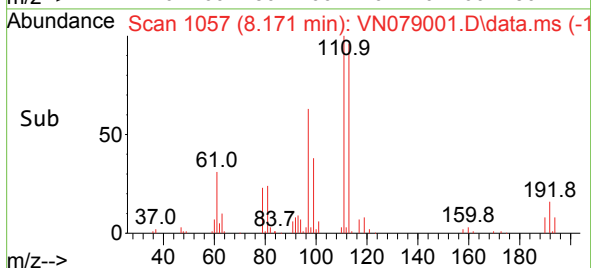
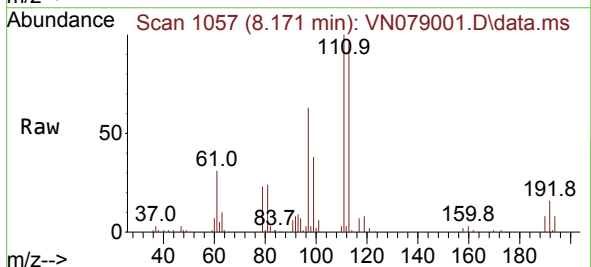


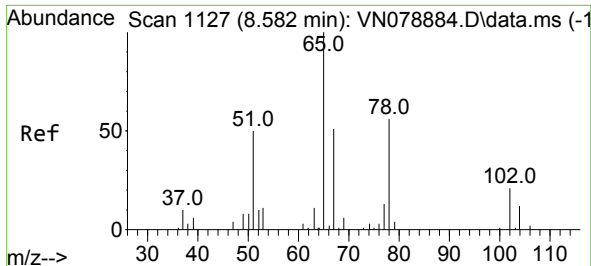
Tgt Ion: 56 Resp: 67646
Ion Ratio Lower Upper
56 100
69 30.0 26.8 40.2
84 83.4 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 20.552 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion: 97 Resp: 74571
Ion Ratio Lower Upper
97 100
99 58.8 50.3 75.5
61 50.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.751 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

Instrument :

MSVOA_N

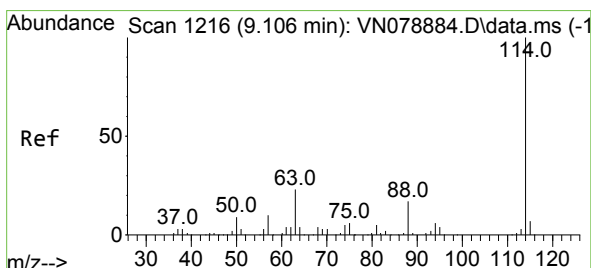
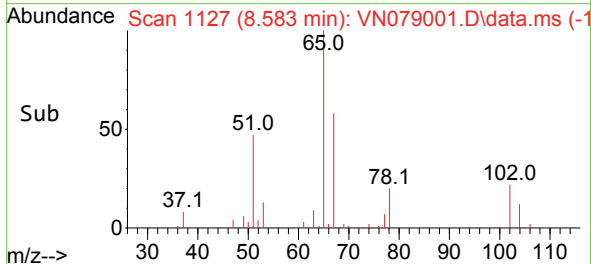
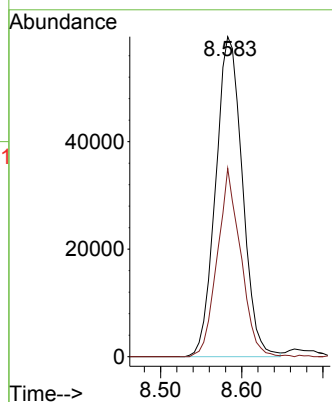
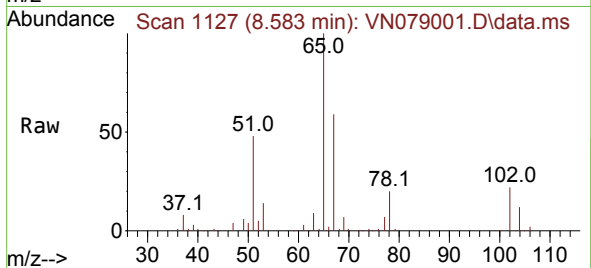
ClientSampleId :

Tgt Ion: 65 Resp: 136215

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

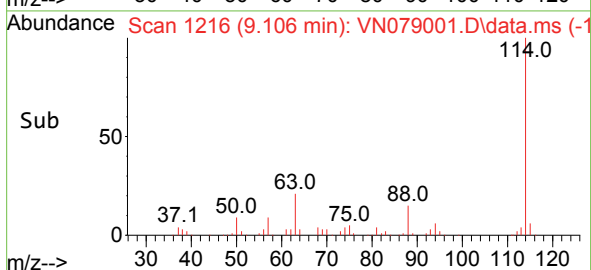
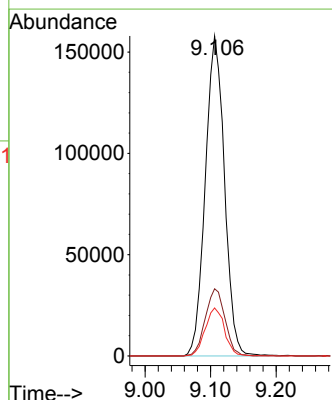
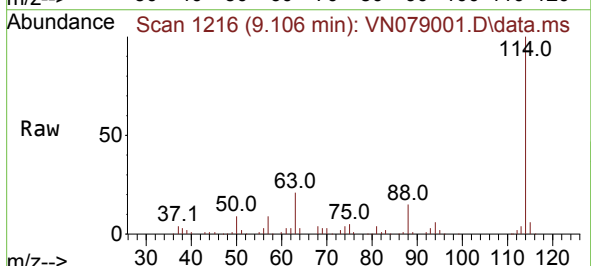
Tgt Ion: 114 Resp: 321666

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

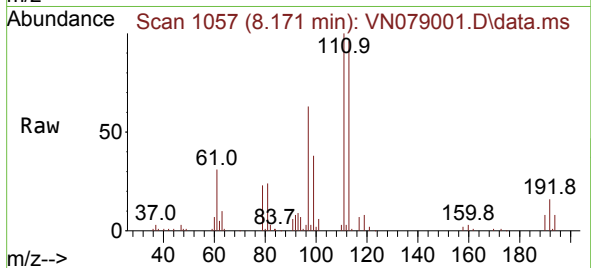
88 15.0 0.0 30.6



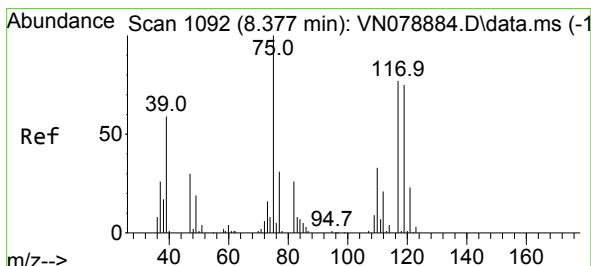
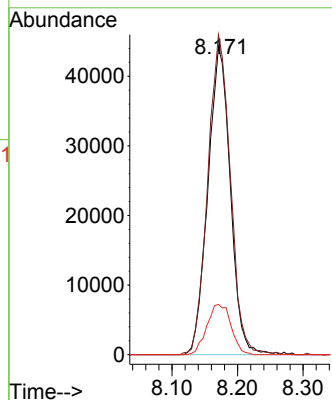
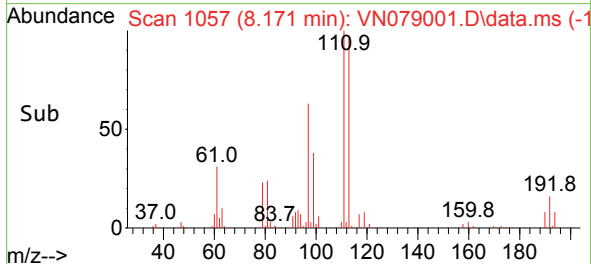


#35
Dibromofluoromethane
Concen: 48.484 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Instrument :
MSVOA_N
ClientSampleId :

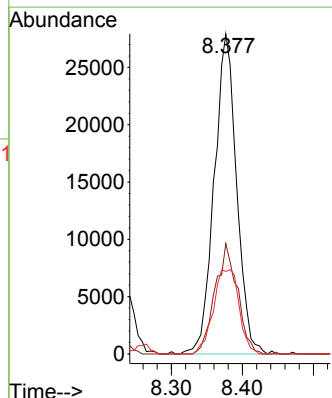
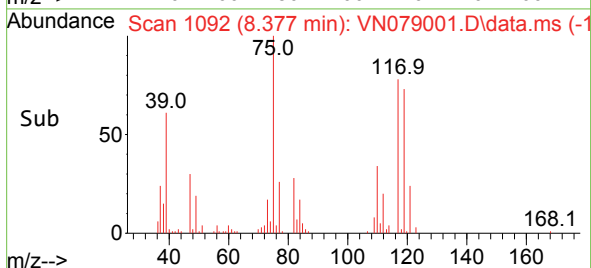
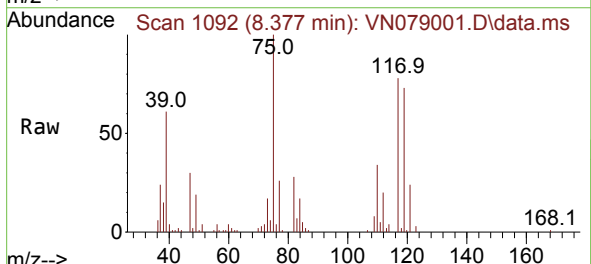


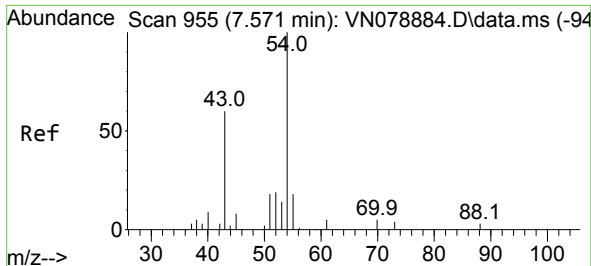
Tgt Ion:113 Resp: 104982
Ion Ratio Lower Upper
113 100
111 104.9 82.6 123.8
192 17.6 12.7 19.1



#36
1,1-Dichloropropene
Concen: 18.748 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion: 75 Resp: 61065
Ion Ratio Lower Upper
75 100
110 34.4 19.1 57.3
77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 19.254 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079001.D

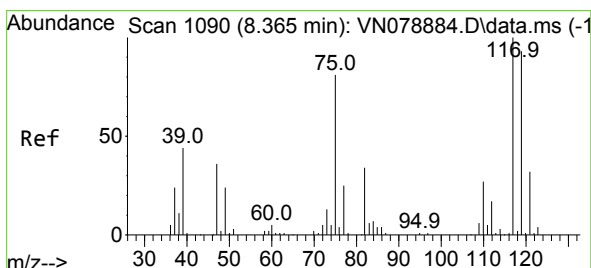
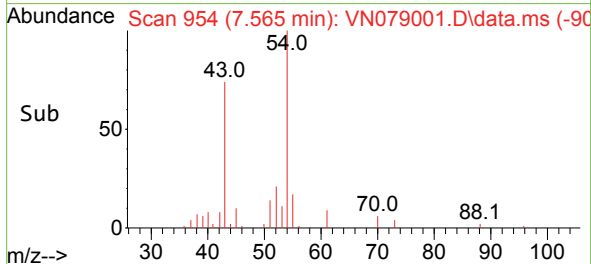
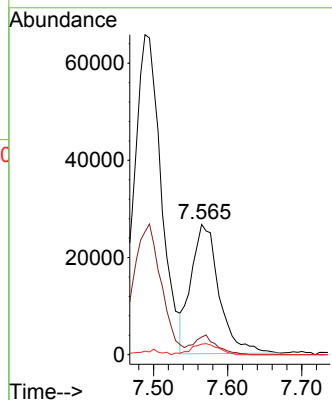
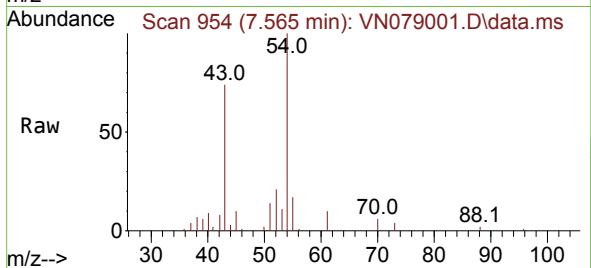
Acq: 22 Aug 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	70167
Ion	Ratio	Lower	Upper
43	100		
61	12.3	13.2	19.8#
70	8.2	11.3	16.9#



#38

Carbon Tetrachloride

Concen: 19.297 ug/l

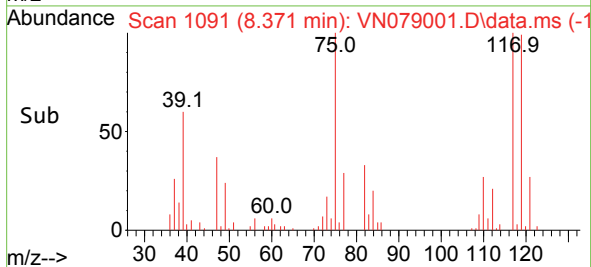
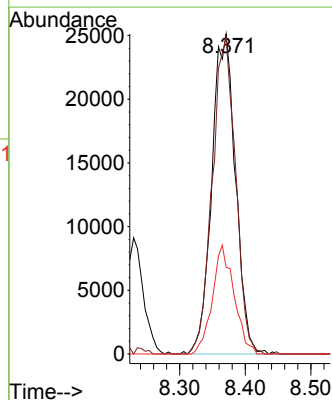
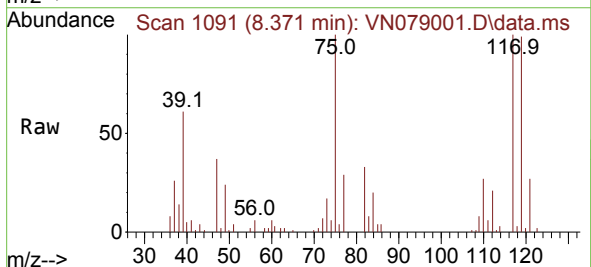
RT: 8.371 min Scan# 1091

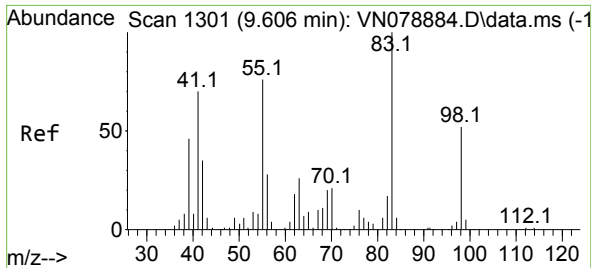
Delta R.T. -0.000 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

Tgt Ion:	117	Resp:	62976
Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.3	115.9
121	27.1	23.3	34.9

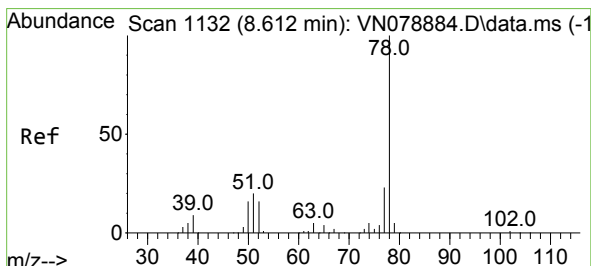
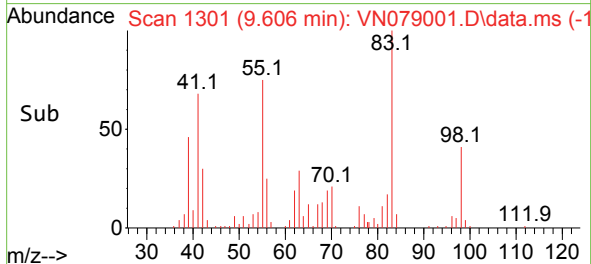
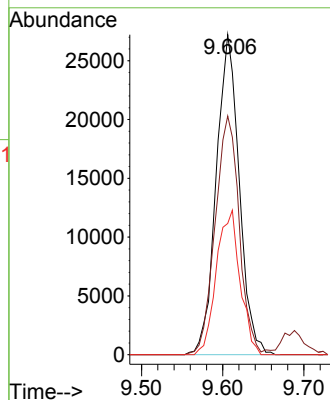
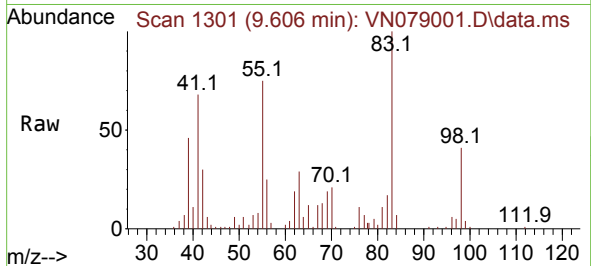




#39
Methylcyclohexane
Concen: 17.909 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

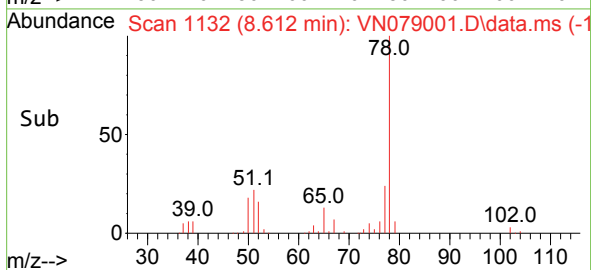
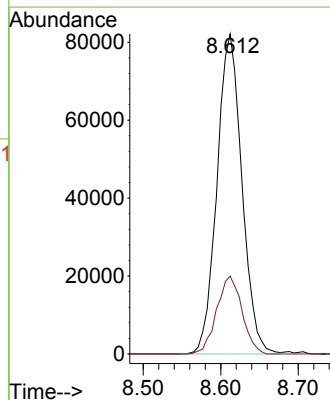
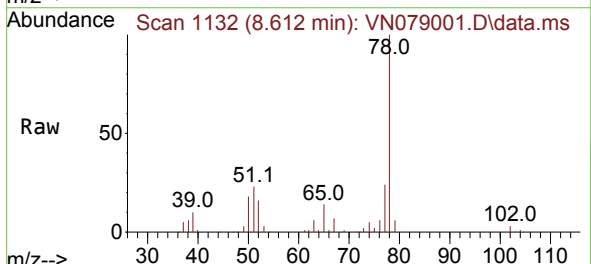
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 53648
Ion Ratio Lower Upper
83 100
55 74.6 49.1 73.7#
98 41.0 40.6 61.0



#40
Benzene
Concen: 19.075 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

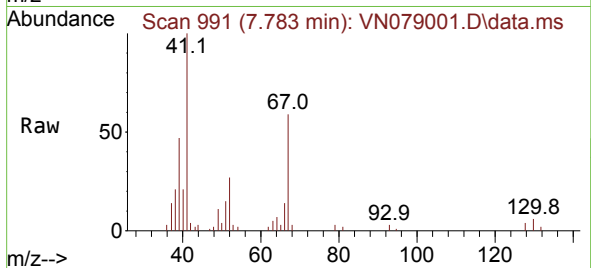
Tgt Ion: 78 Resp: 183640
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6



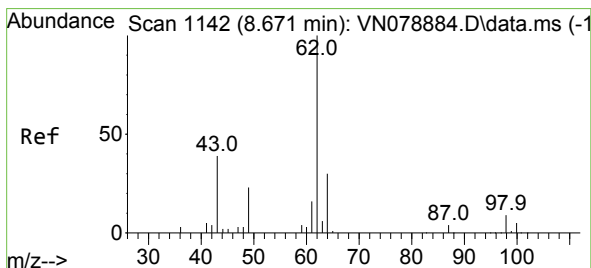
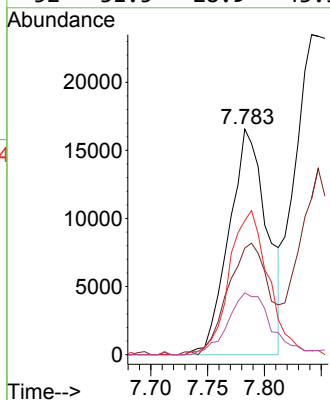
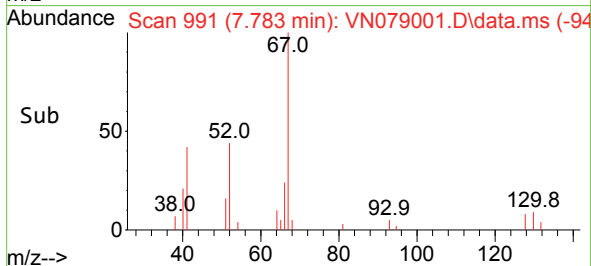


#41
Methacrylonitrile
Concen: 19.425 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Instrument :
MSVOA_N
ClientSampleId :

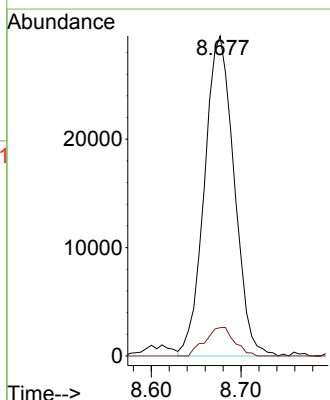
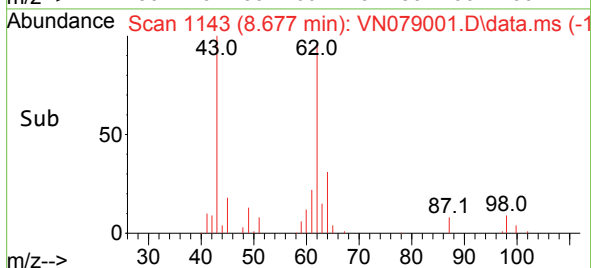
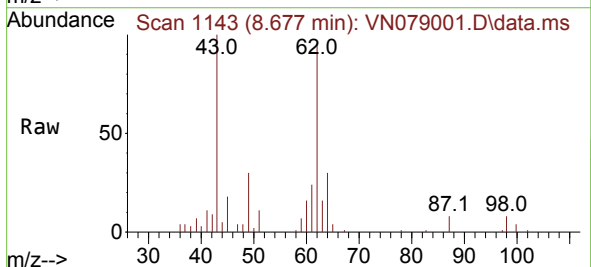


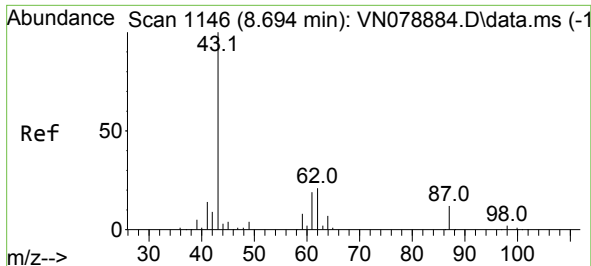
Tgt Ion: 41	Resp: 38555
Ion Ratio	Lower Upper
41 100	
39 53.2	42.6 64.0
67 66.1	77.5 116.3#
52 31.5	28.9 43.3



#42
1,2-Dichloroethane
Concen: 18.830 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion: 62	Resp: 67729
Ion Ratio	Lower Upper
62 100	
98 8.8	0.0 19.8

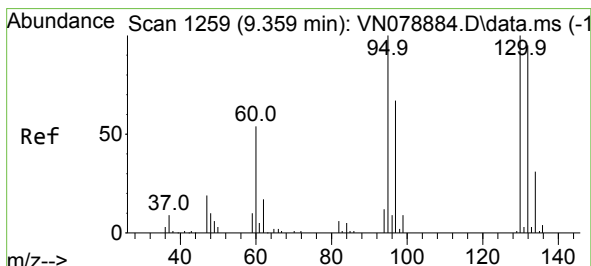
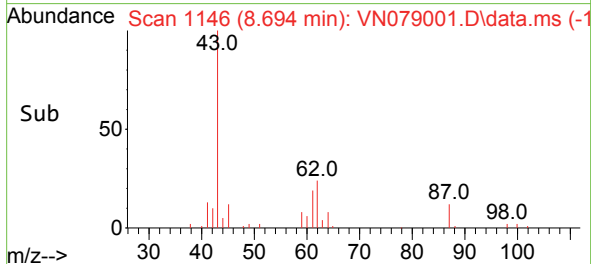
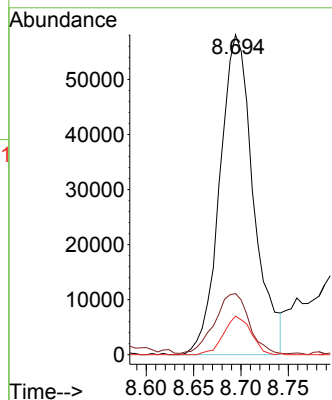
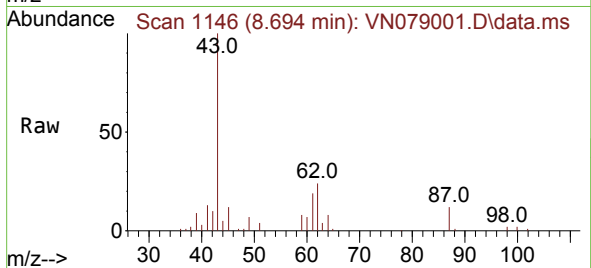




#43
Isopropyl Acetate
Concen: 22.406 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

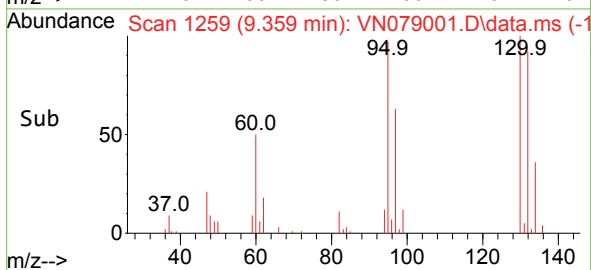
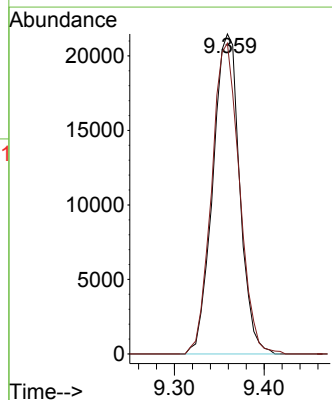
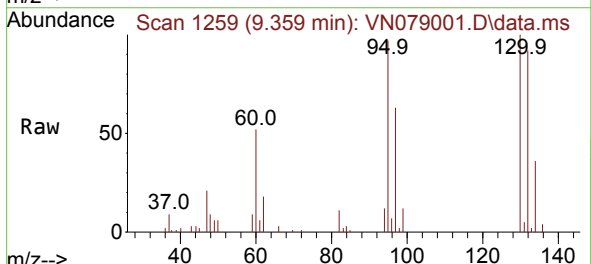
Instrument :
MSVOA_N
ClientSampleId :

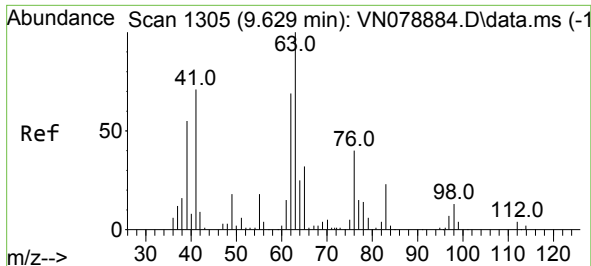
Tgt Ion: 43 Resp: 144324
Ion Ratio Lower Upper
43 100
61 19.8 24.7 37.1#
87 9.8 14.6 21.8#



#44
Trichloroethene
Concen: 19.478 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion:130 Resp: 44557
Ion Ratio Lower Upper
130 100
95 97.1 0.0 204.6

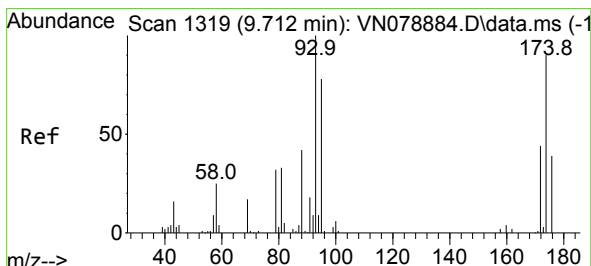
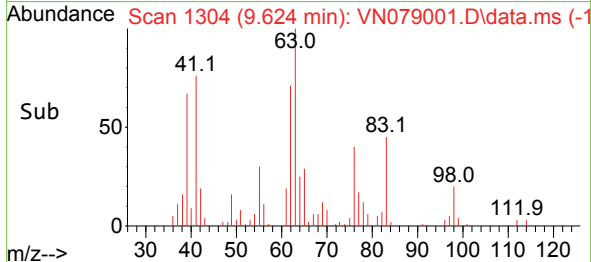
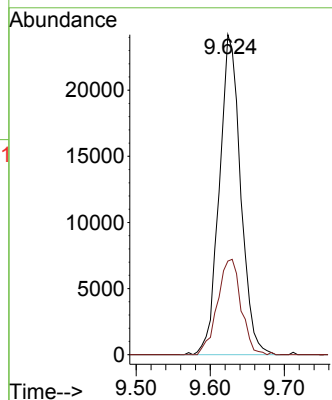
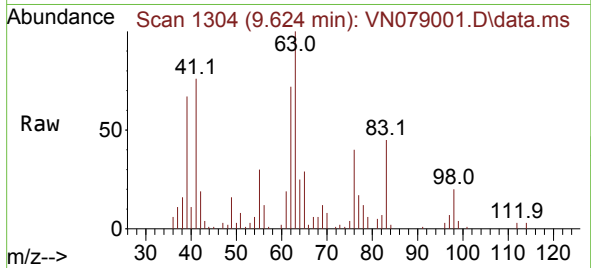




#45
1,2-Dichloropropane
Concen: 18.836 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

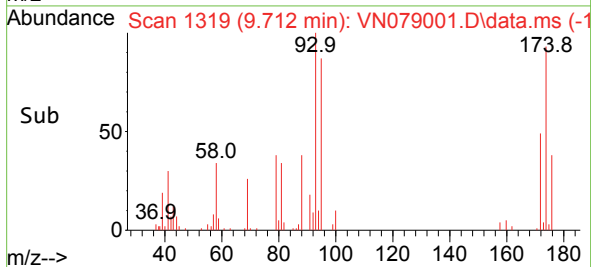
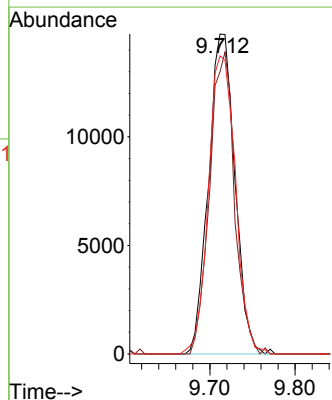
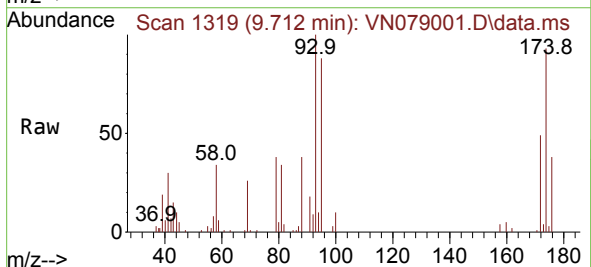
Instrument :
MSVOA_N
ClientSampleId :

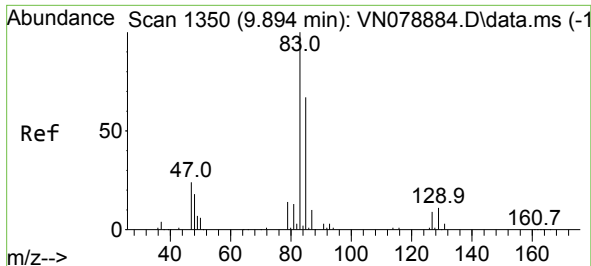
Tgt Ion: 63 Resp: 48281
Ion Ratio Lower Upper
63 100
65 29.2 23.9 35.9



#46
Dibromomethane
Concen: 18.069 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion: 93 Resp: 31767
Ion Ratio Lower Upper
93 100
95 88.9 63.8 95.8
174 95.1 65.6 98.4

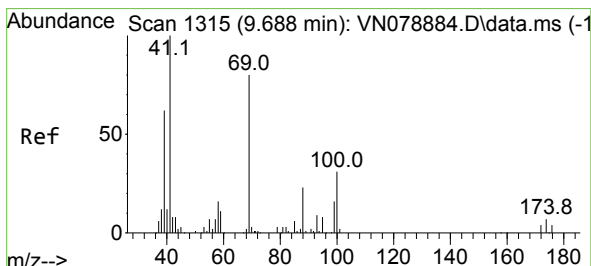
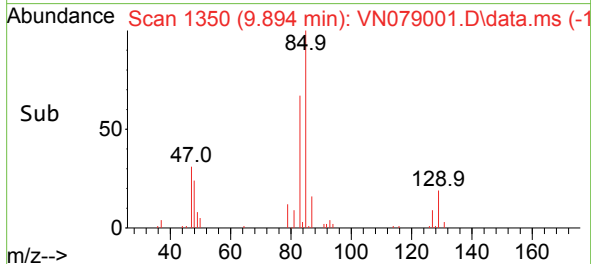
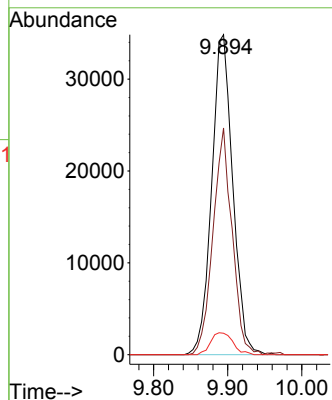
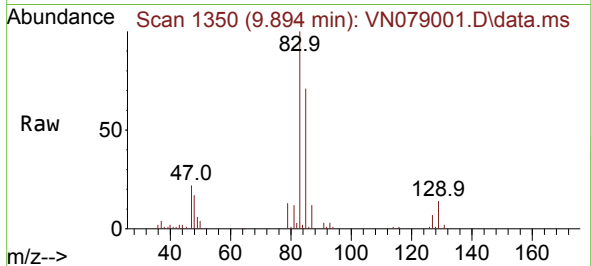




#47
Bromodichloromethane
Concen: 19.814 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

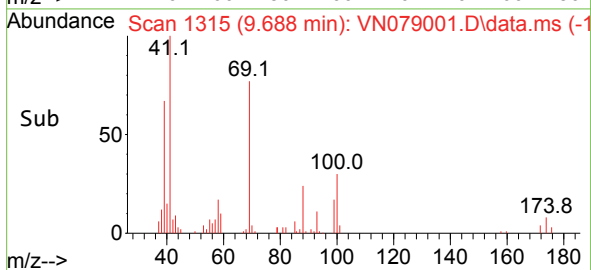
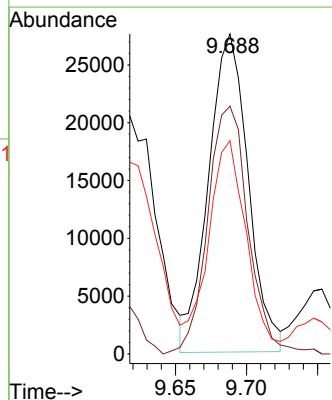
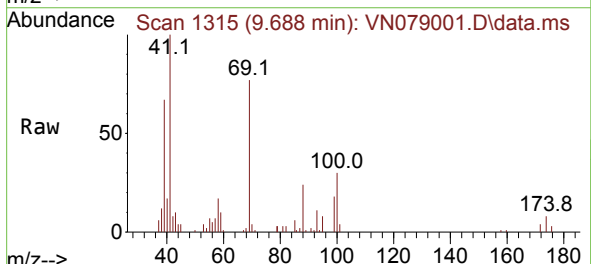
Instrument :
MSVOA_N
ClientSampleId :

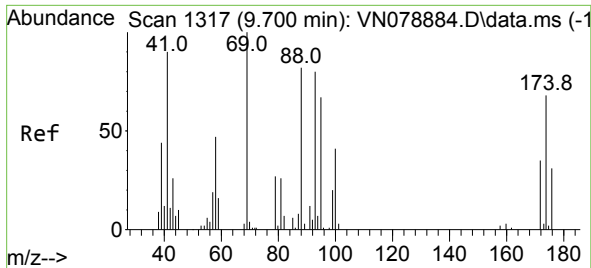
Tgt Ion: 83 Resp: 68788
Ion Ratio Lower Upper
83 100
85 70.9 49.6 74.4
127 6.7 7.0 10.6#



#48
Methyl methacrylate
Concen: 18.335 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion: 41 Resp: 53517
Ion Ratio Lower Upper
41 100
69 79.7 90.4 135.6#
39 63.9 54.6 81.8

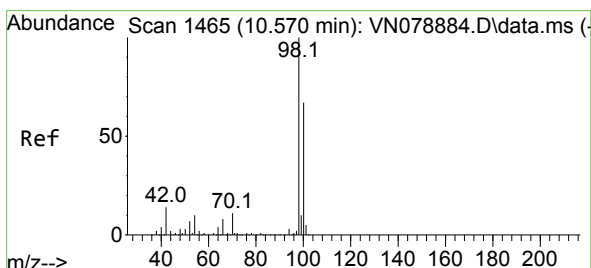
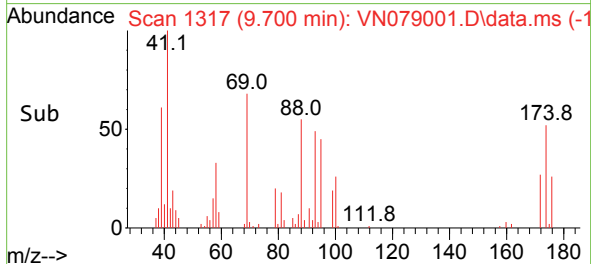
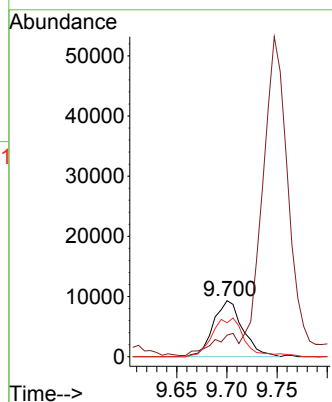
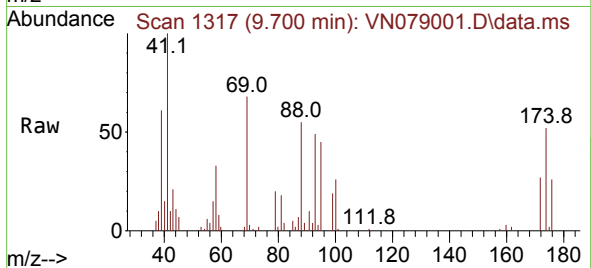




#49
1,4-Dioxane
Concen: 381.301 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

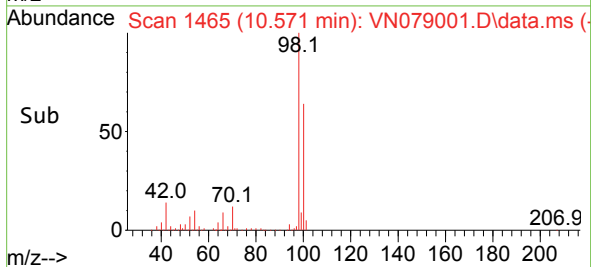
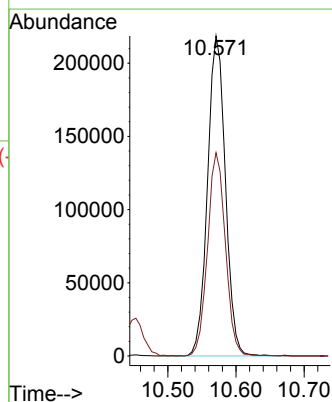
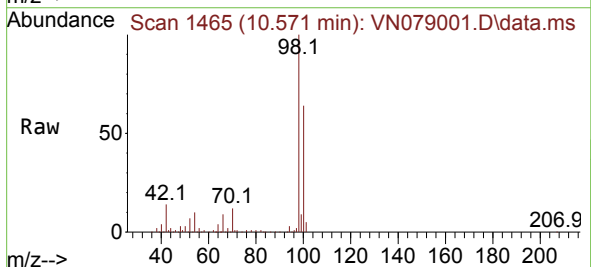
Instrument :
MSVOA_N
ClientSampleId :

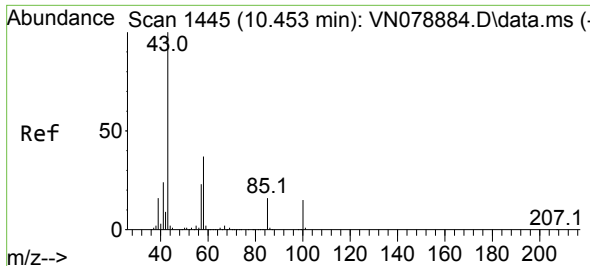
Tgt Ion: 88 Resp: 18957
Ion Ratio Lower Upper
88 100
43 33.9 17.0 25.6#
58 75.4 47.0 70.4#



#50
Toluene-d8
Concen: 49.613 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion: 98 Resp: 398886
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

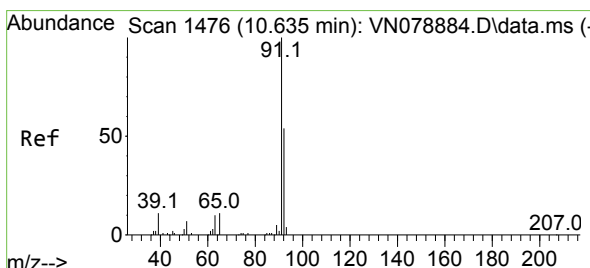
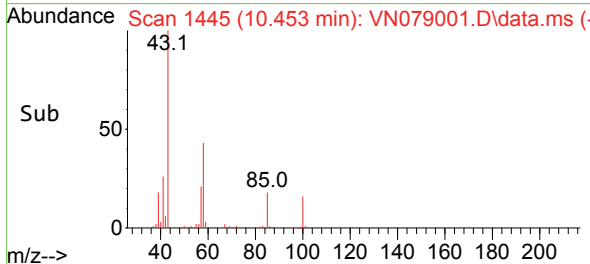
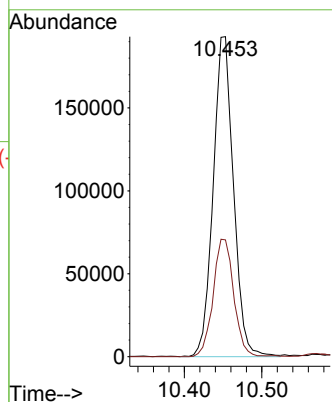
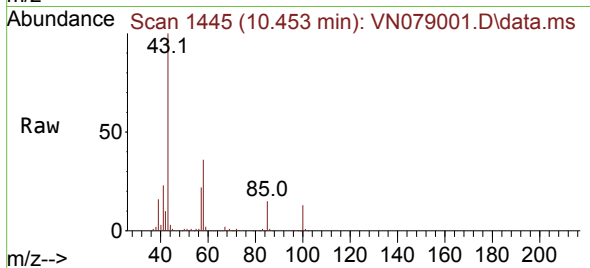




#51
4-Methyl-2-Pentanone
Concen: 92.261 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

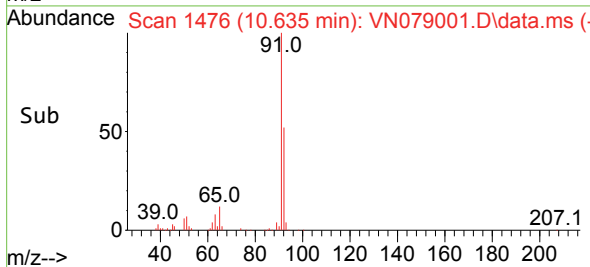
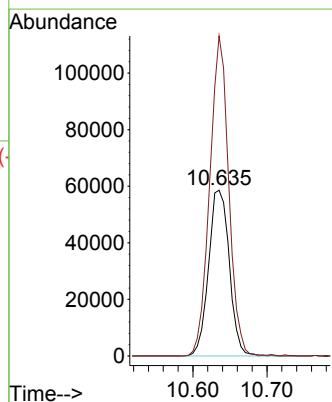
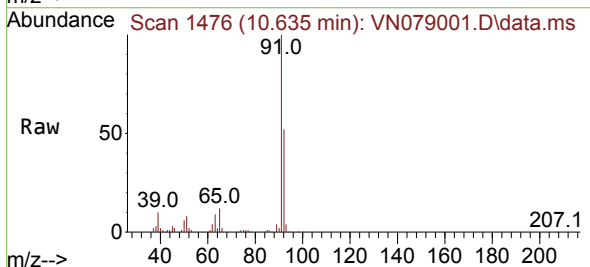
Instrument :
MSVOA_N
ClientSampleId :

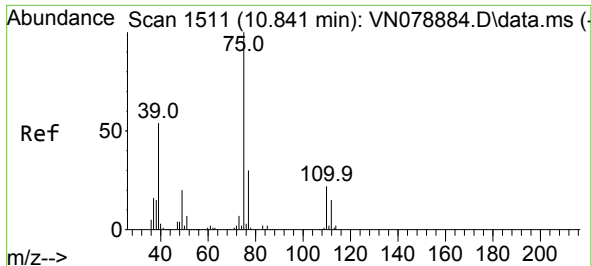
Tgt Ion: 43 Resp: 352467
Ion Ratio Lower Upper
43 100
58 37.4 36.6 54.8



#52
Toluene
Concen: 19.238 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion: 92 Resp: 113714
Ion Ratio Lower Upper
92 100
91 177.2 137.4 206.0

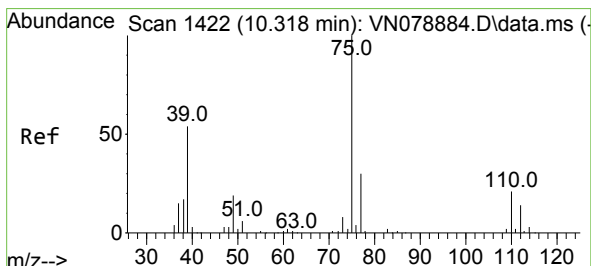
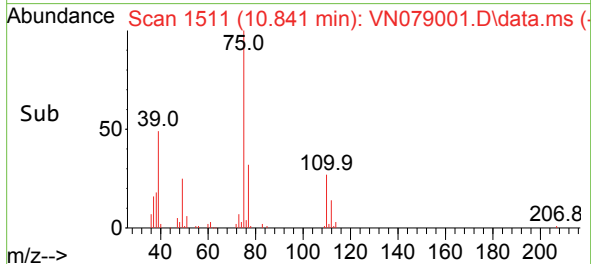
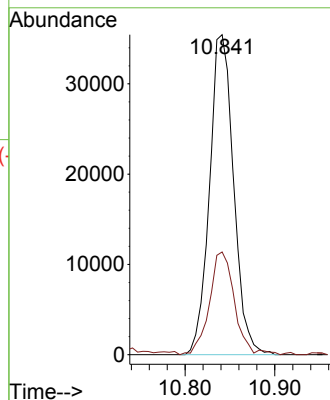
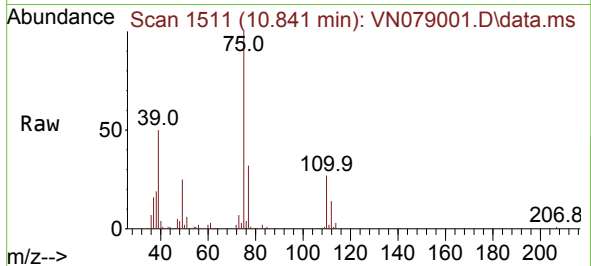




#53
 t-1,3-Dichloropropene
 Concen: 17.742 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079001.D
 Acq: 22 Aug 2023 18:00

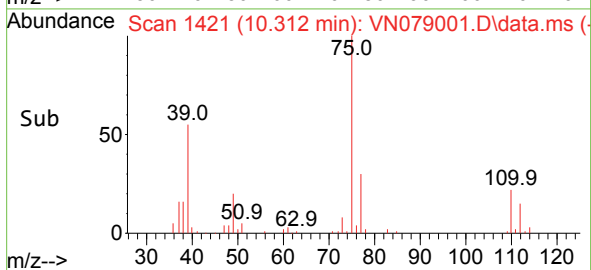
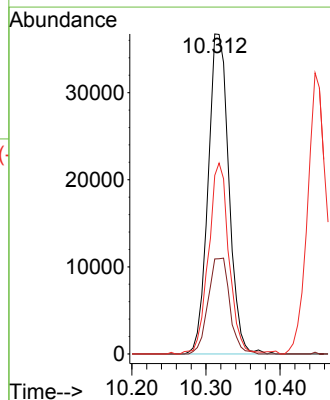
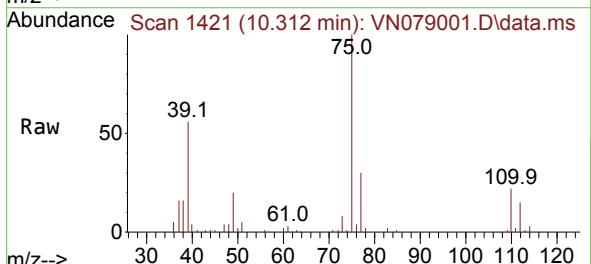
Instrument :
 MSVOA_N
 ClientSampleId :

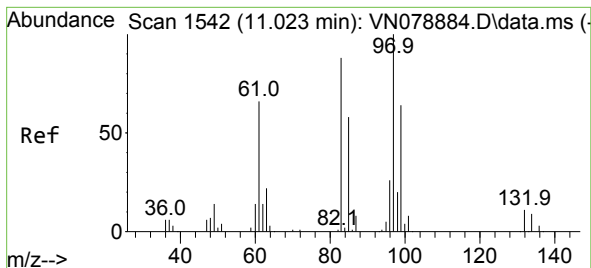
Tgt Ion: 75 Resp: 66054
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 17.664 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN079001.D
 Acq: 22 Aug 2023 18:00

Tgt Ion: 75 Resp: 71622
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.1 39.1
 39 55.8 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 19.504 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. -0.000 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 46225

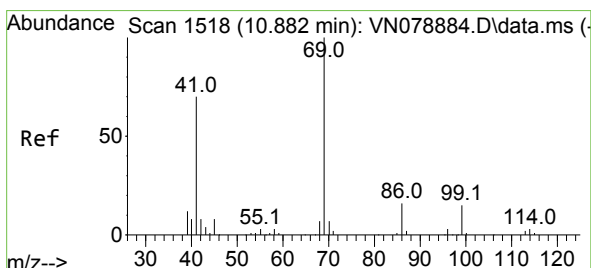
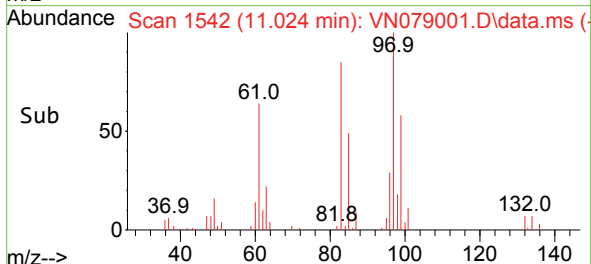
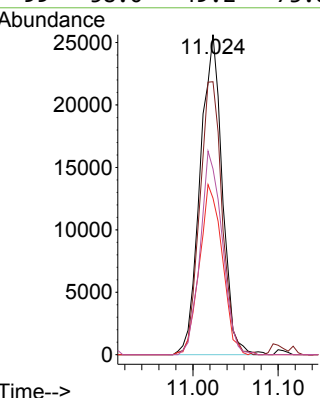
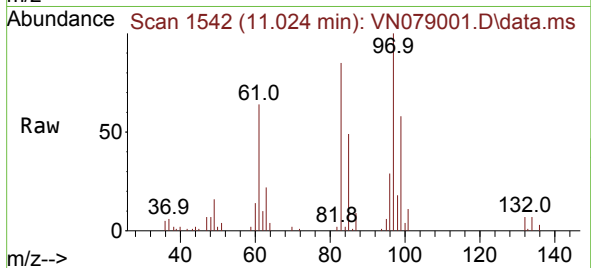
Ion Ratio Lower Upper

97 100

83 85.3 65.1 97.7

85 48.9 43.4 65.2

99 58.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 18.203 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

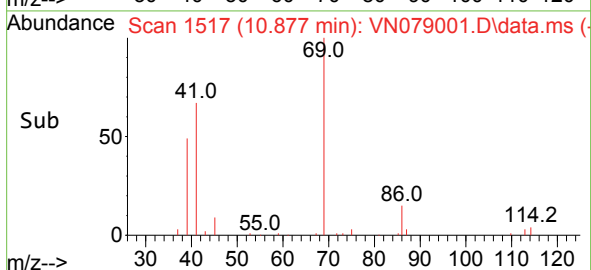
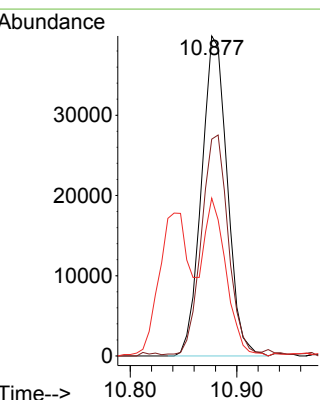
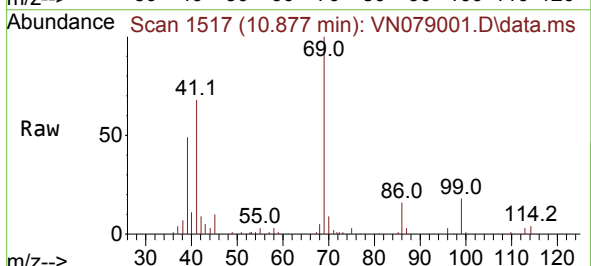
Tgt Ion: 69 Resp: 66874

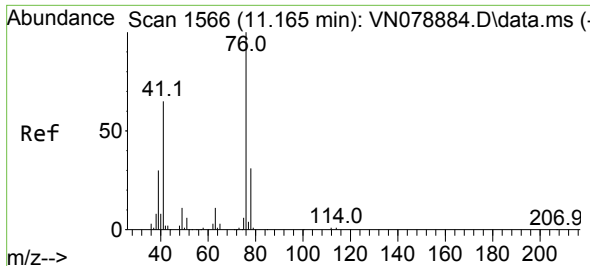
Ion Ratio Lower Upper

69 100

41 70.7 39.6 59.4#

39 40.8 28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.314 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

Instrument :

MSVOA_N

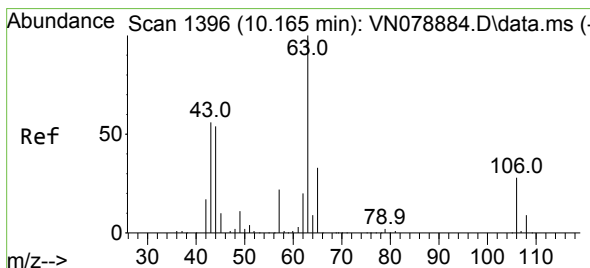
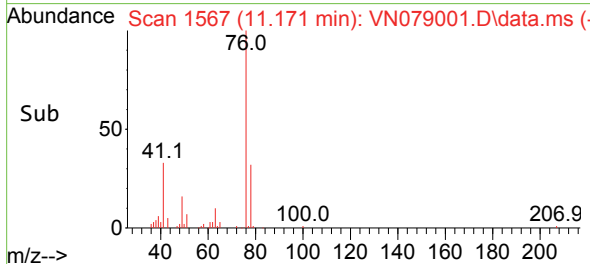
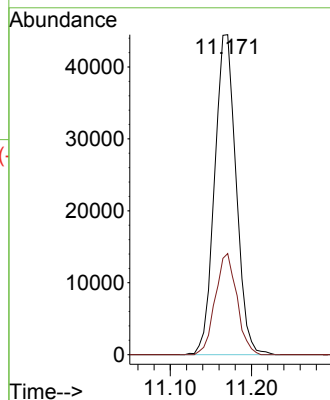
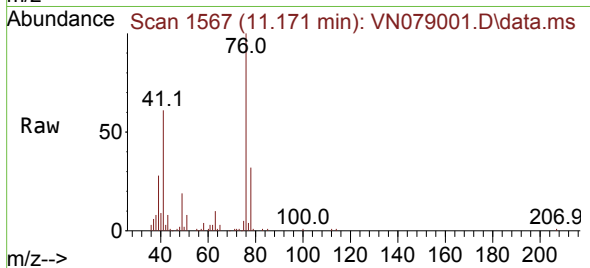
ClientSampleId :

Tgt Ion: 76 Resp: 81872

Ion Ratio Lower Upper

76 100

78 31.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 80.186 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079001.D

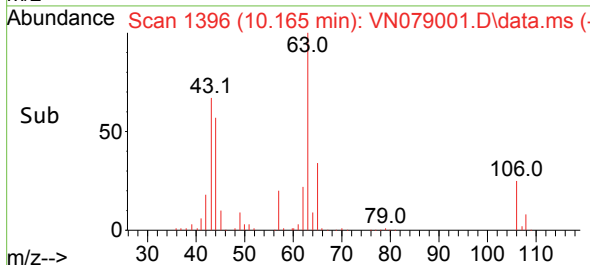
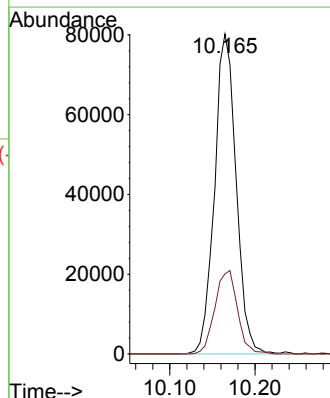
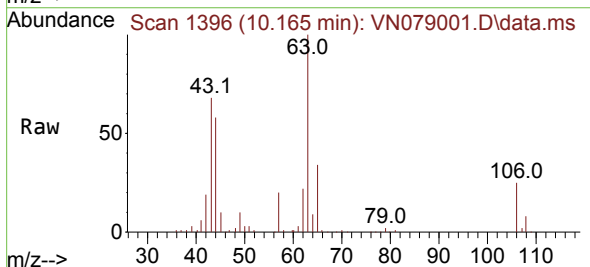
Acq: 22 Aug 2023 18:00

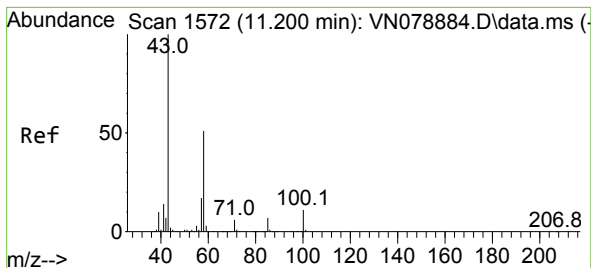
Tgt Ion: 63 Resp: 141412

Ion Ratio Lower Upper

63 100

106 27.2 26.2 39.4

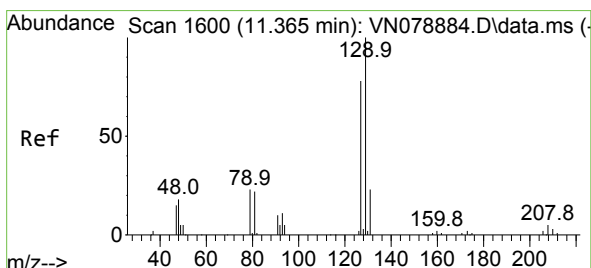
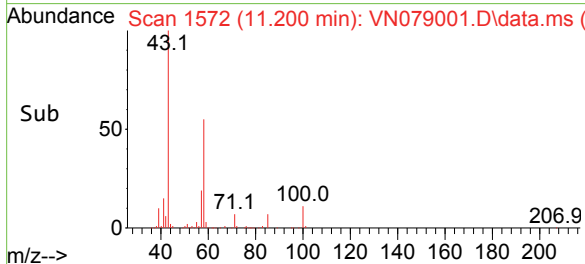
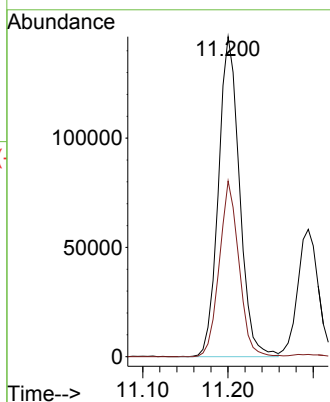
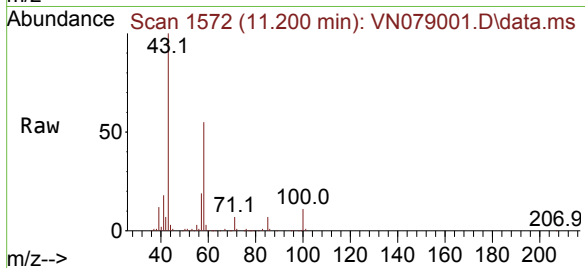




#59
2-Hexanone
Concen: 91.052 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

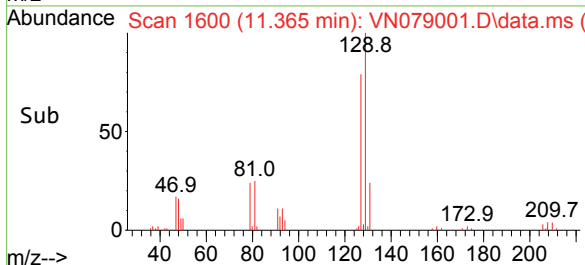
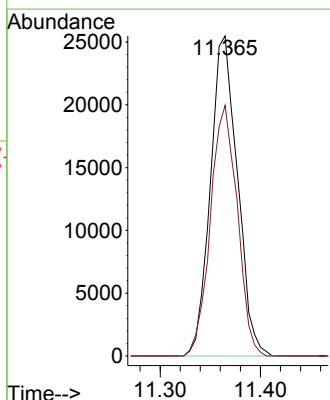
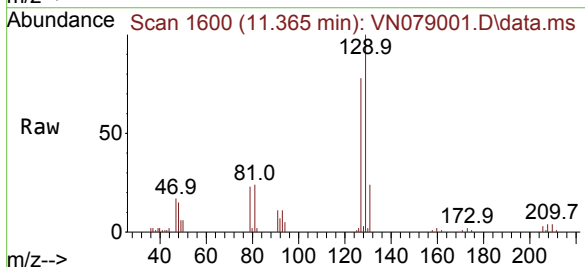
Instrument :
MSVOA_N
ClientSampleId :

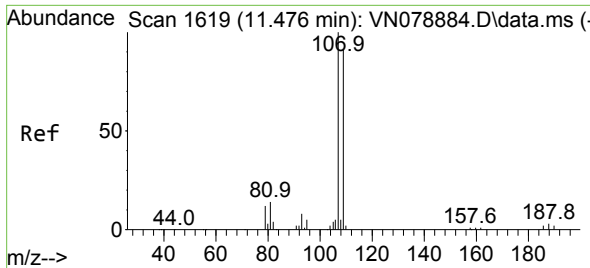
Tgt Ion: 43 Resp: 251946
Ion Ratio Lower Upper
43 100
58 51.0 31.7 95.1



#60
Dibromochloromethane
Concen: 19.118 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion: 129 Resp: 47680
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0

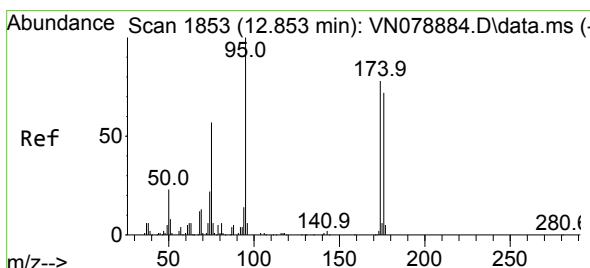
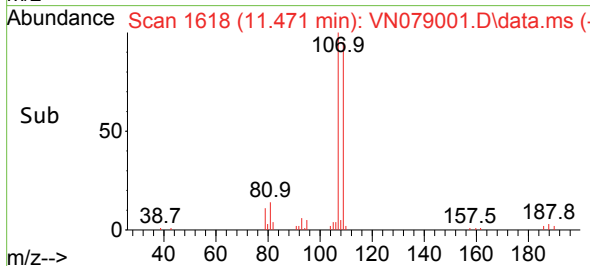
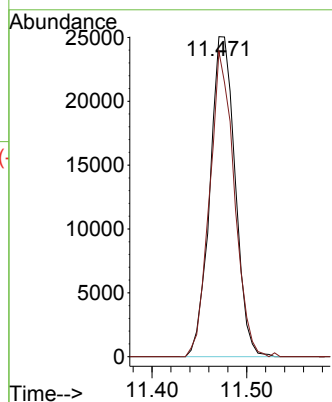
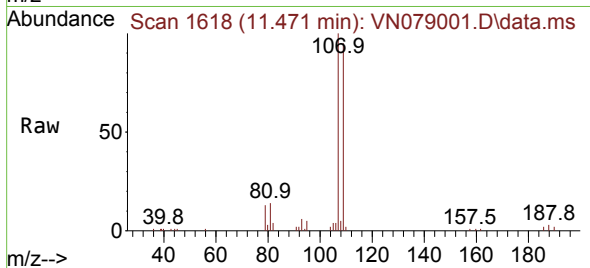




#61
1,2-Dibromoethane
Concen: 19.261 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

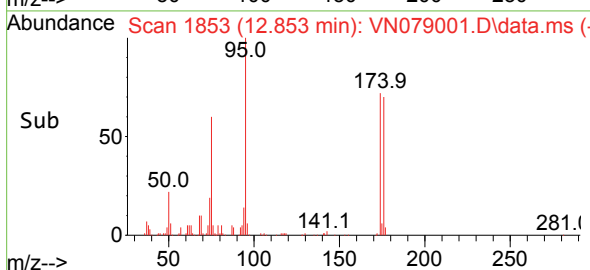
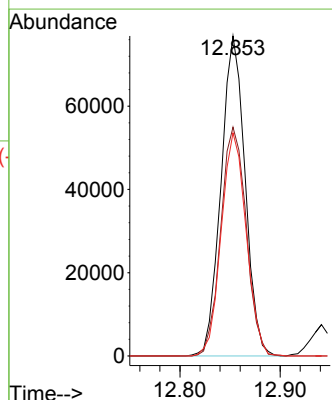
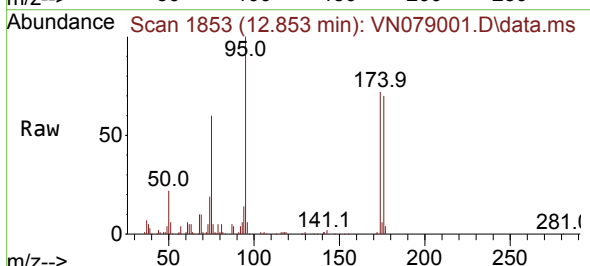
Instrument :
MSVOA_N
ClientSampleId :

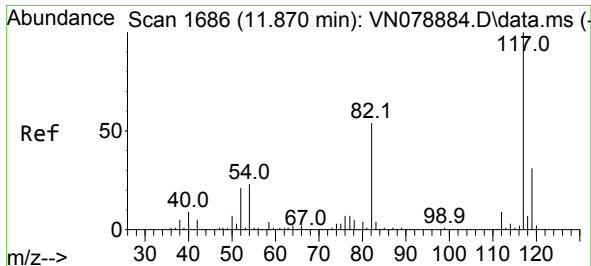
Tgt Ion:107 Resp: 46390
Ion Ratio Lower Upper
107 100
109 93.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.739 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

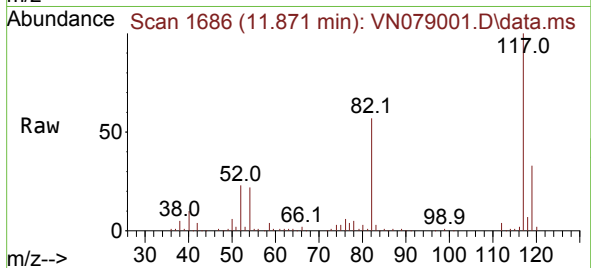
Tgt Ion: 95 Resp: 128082
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 72.2 0.0 135.8



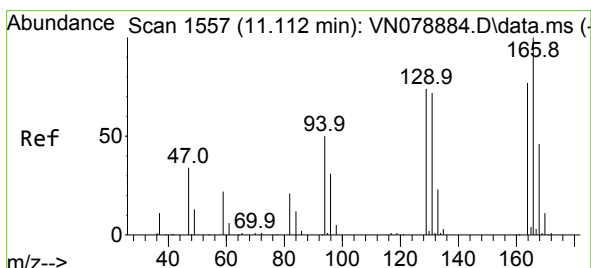
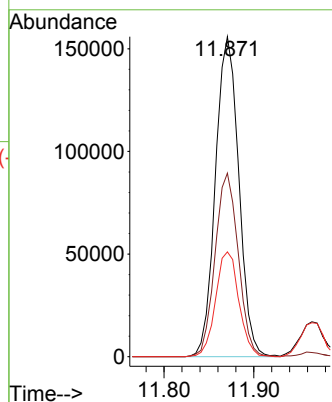
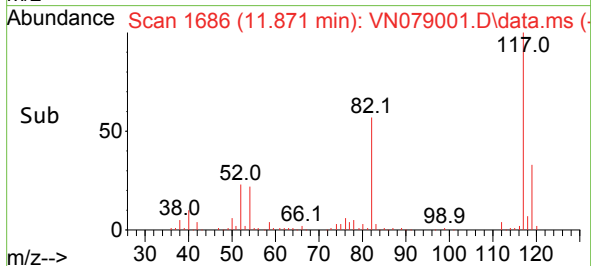


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

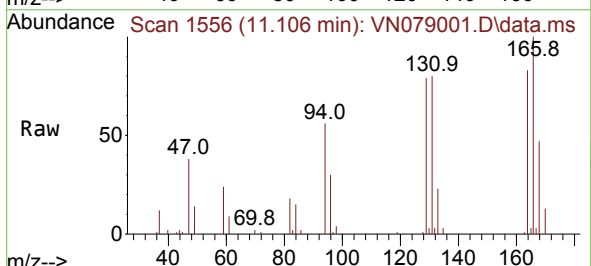
Instrument :
MSVOA_N
ClientSampleId :



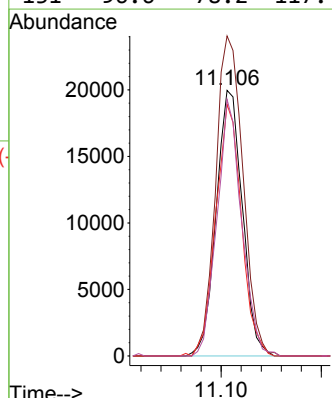
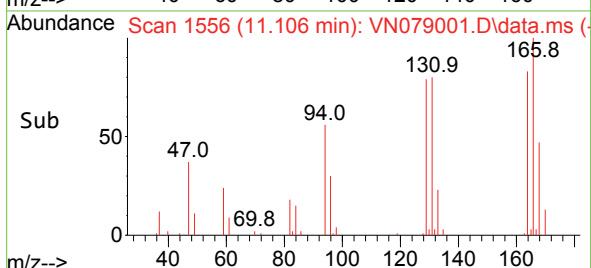
Tgt Ion:117 Resp: 281720
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 32.8 25.6 38.4

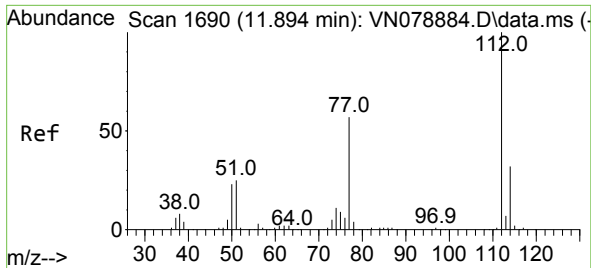


#64
Tetrachloroethene
Concen: 20.410 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00



Tgt Ion:164 Resp: 36059
Ion Ratio Lower Upper
164 100
166 120.5 101.4 152.0
129 94.7 82.4 123.6
131 96.6 78.2 117.4

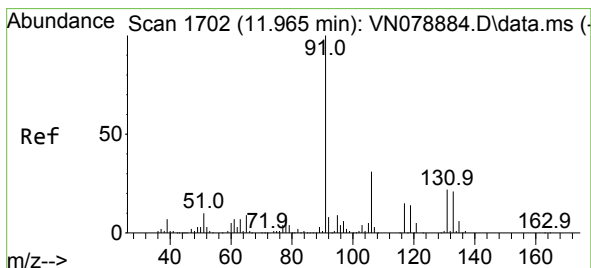
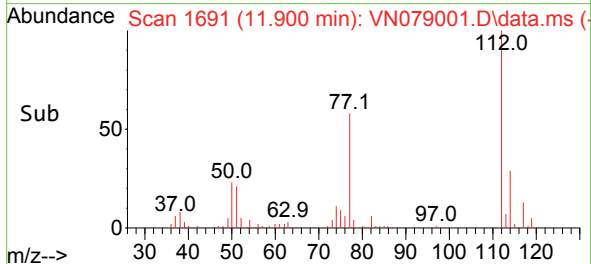
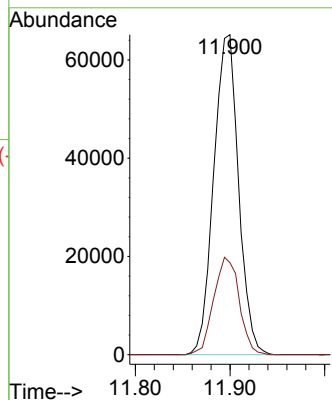
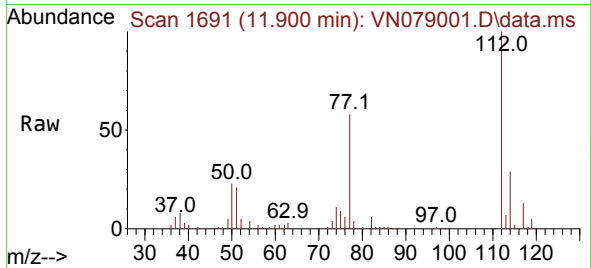




#65
Chlorobenzene
Concen: 19.794 ug/l
RT: 11.900 min Scan# 118700
Delta R.T. 0.006 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

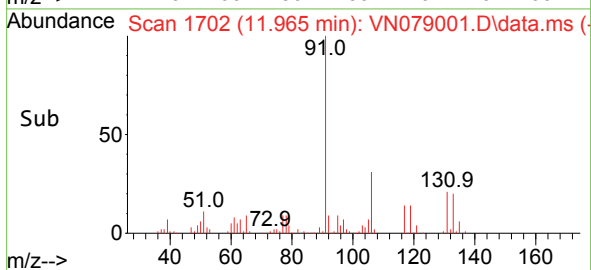
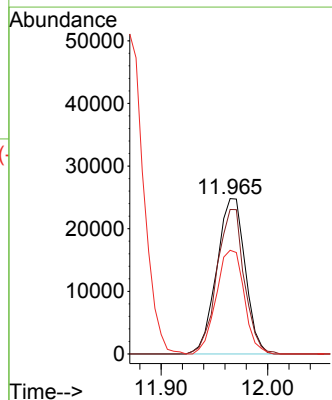
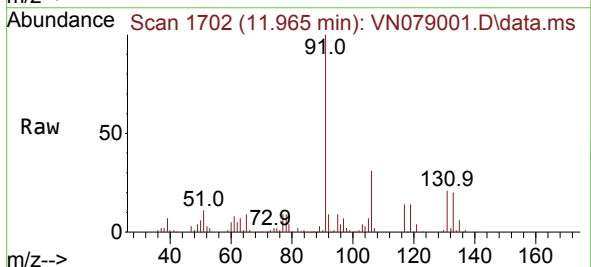
Instrument :
MSVOA_N
ClientSampleId :

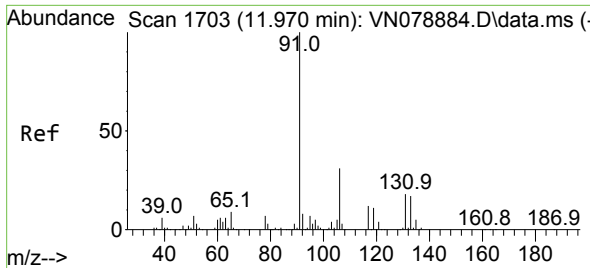
Tgt Ion:112 Resp: 118700
Ion Ratio Lower Upper
112 100
114 28.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.357 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion:131 Resp: 46134
Ion Ratio Lower Upper
131 100
133 89.2 46.4 139.1
119 65.5 34.1 102.2

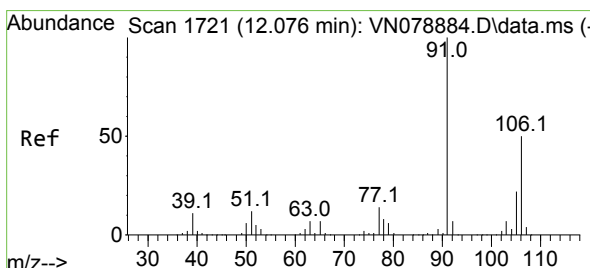
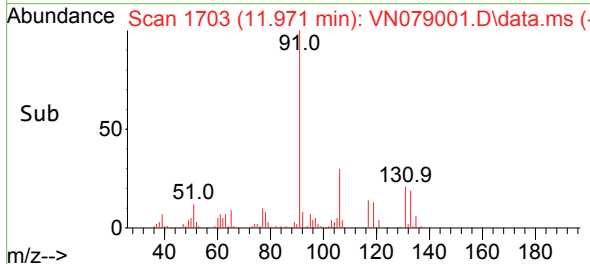
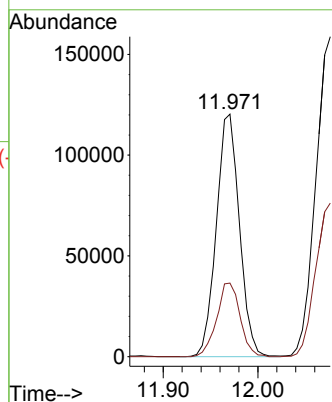
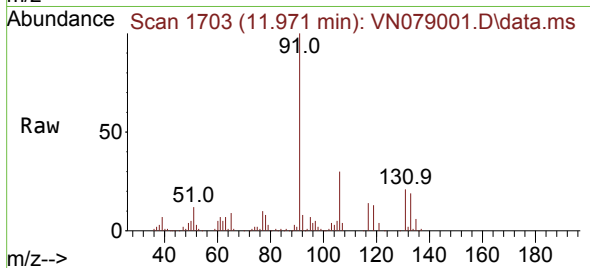




#67
Ethyl Benzene
Concen: 18.696 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

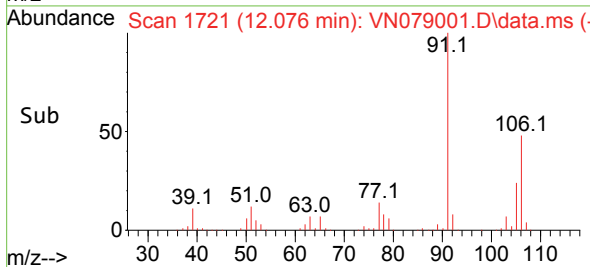
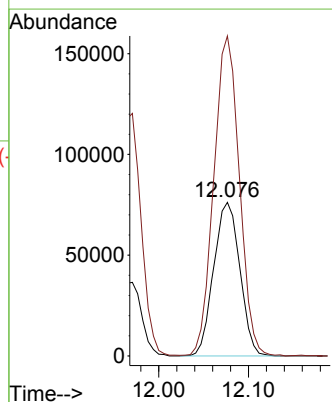
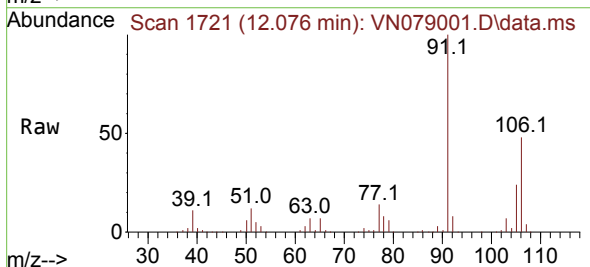
Instrument :
MSVOA_N
ClientSampleId :

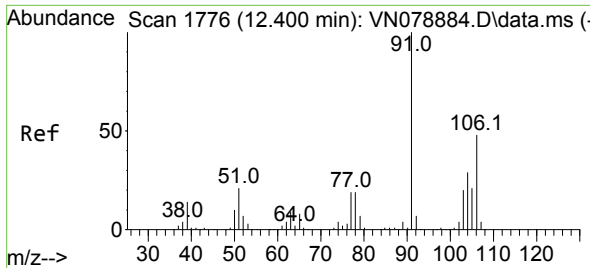
Tgt Ion: 91 Resp: 203891
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4



#68
m/p-Xylenes
Concen: 37.829 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion:106 Resp: 154241
Ion Ratio Lower Upper
106 100
91 203.9 159.6 239.4

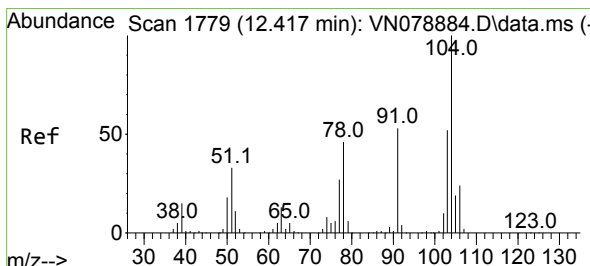
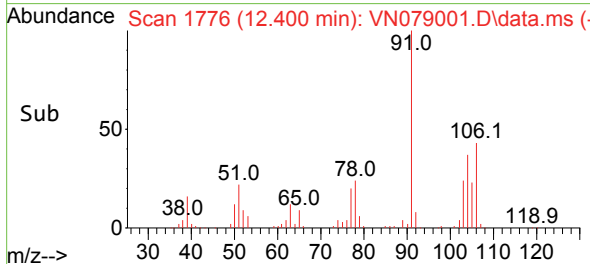
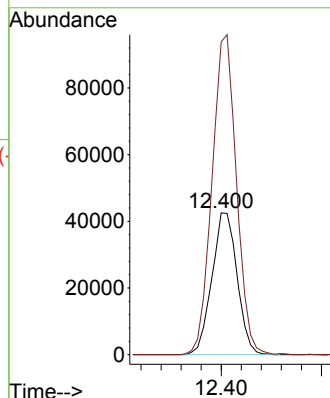
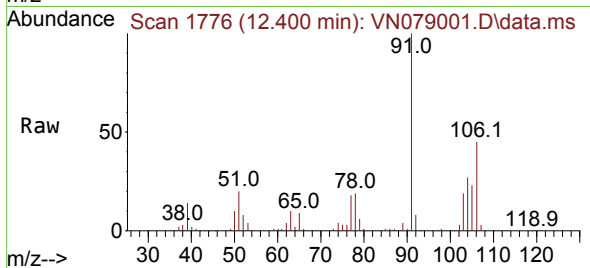




#69
o-Xylene
Concen: 18.716 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

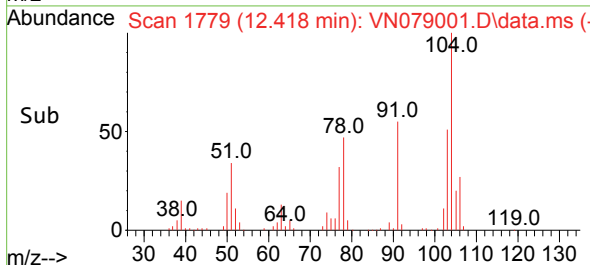
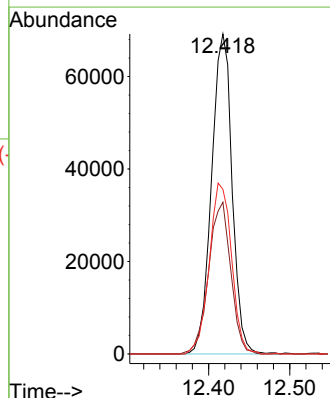
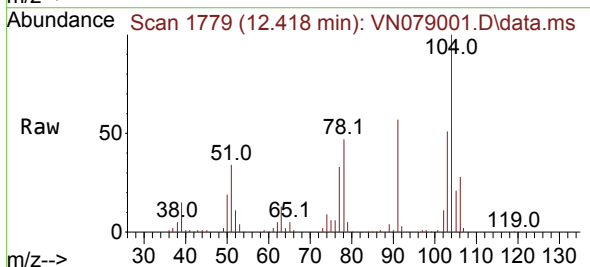
Instrument :
MSVOA_N
ClientSampleId :

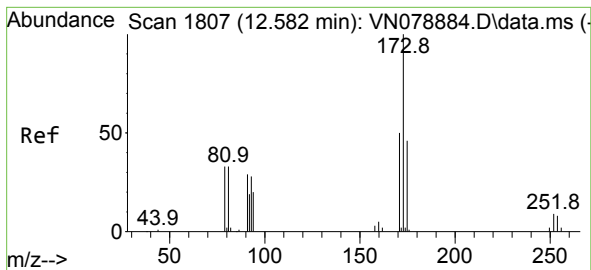
Tgt Ion:106 Resp: 74232
Ion Ratio Lower Upper
106 100
91 218.8 105.2 315.5



#70
Styrene
Concen: 18.374 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion:104 Resp: 121518
Ion Ratio Lower Upper
104 100
78 51.2 39.5 59.3
103 58.1 43.2 64.8





#71

Bromoform

Concen: 18.440 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

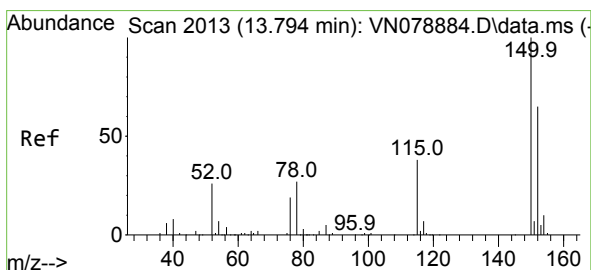
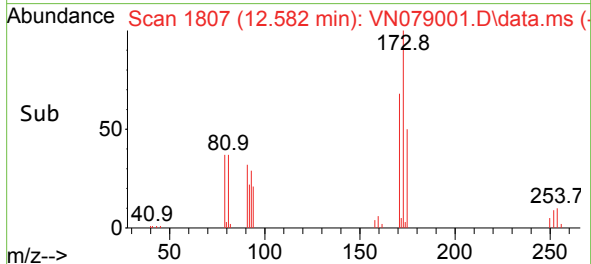
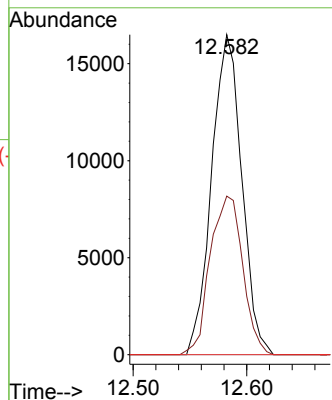
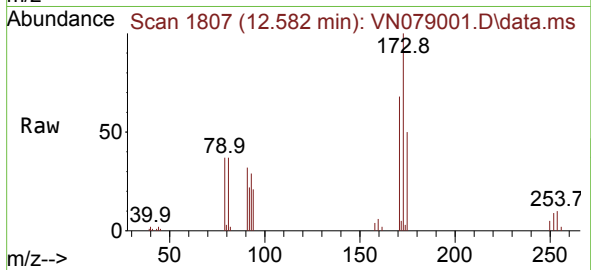
Tgt Ion:173 Resp: 30381

Ion Ratio Lower Upper

173 100

175 53.6 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

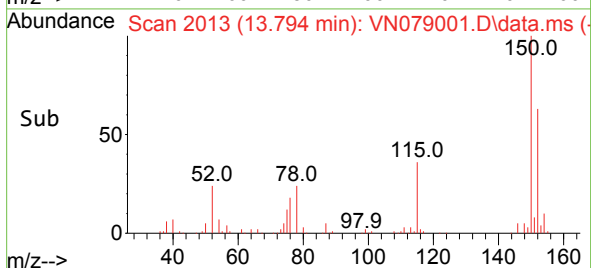
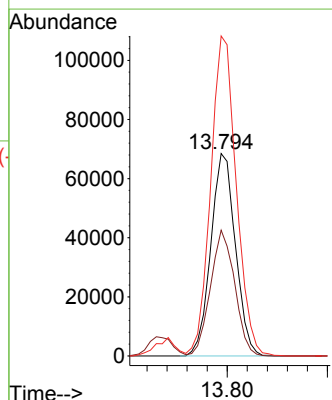
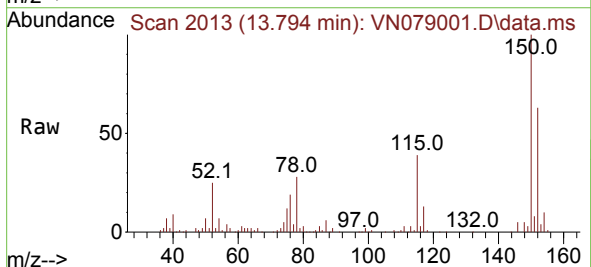
Tgt Ion:152 Resp: 116672

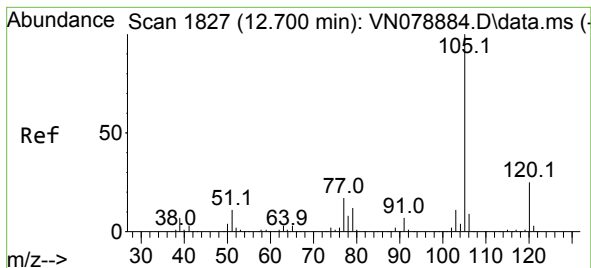
Ion Ratio Lower Upper

152 100

115 61.3 32.3 96.8

150 164.1 0.0 355.8





#73

Isopropylbenzene

Concen: 18.723 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

Instrument :

MSVOA_N

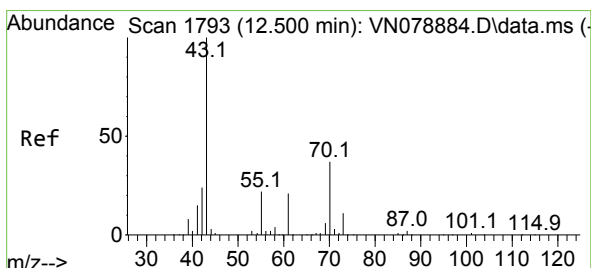
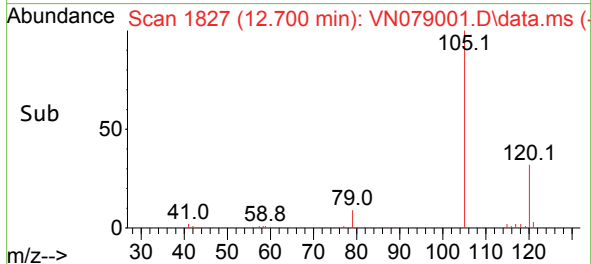
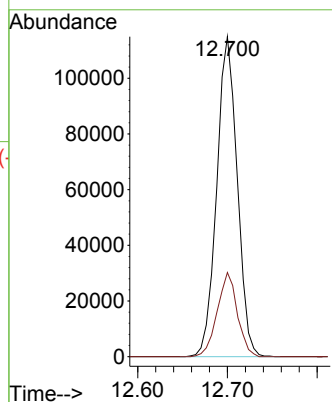
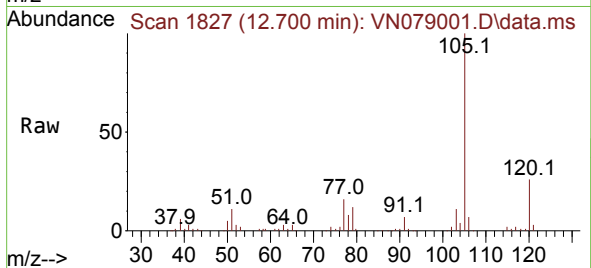
ClientSampleId :

Tgt Ion:105 Resp: 182139

Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.1



#74

N-ethyl acetate

Concen: 18.225 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

Tgt Ion: 43 Resp: 89495

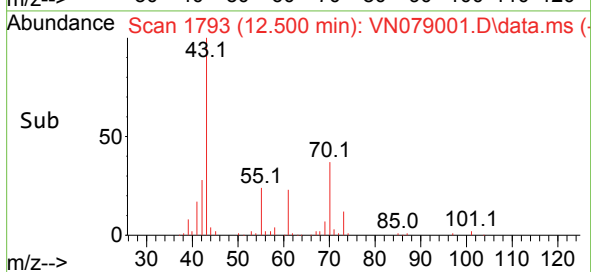
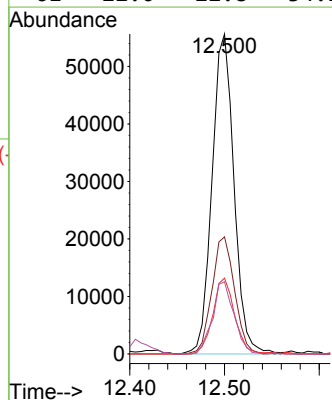
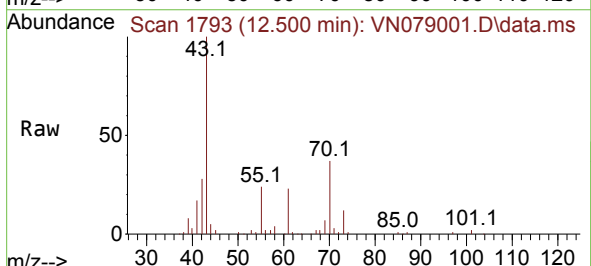
Ion Ratio Lower Upper

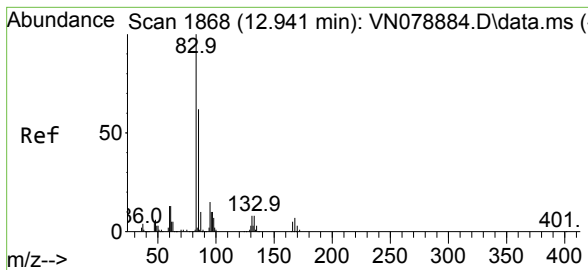
43 100

70 37.7 43.4 65.2#

55 23.6 21.4 32.0

61 22.0 22.8 34.2#

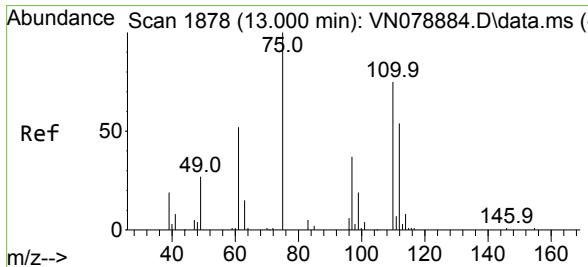
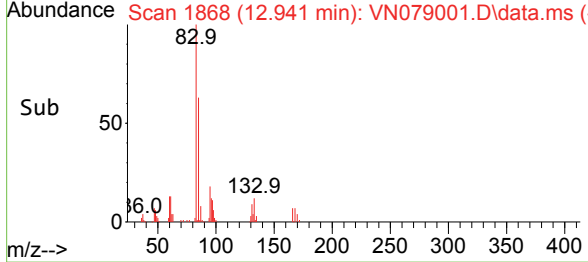
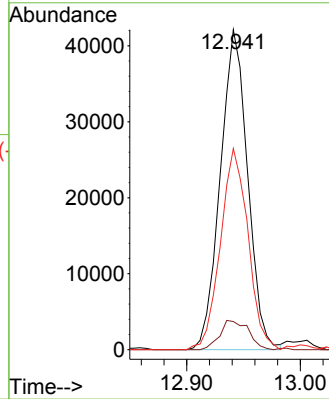
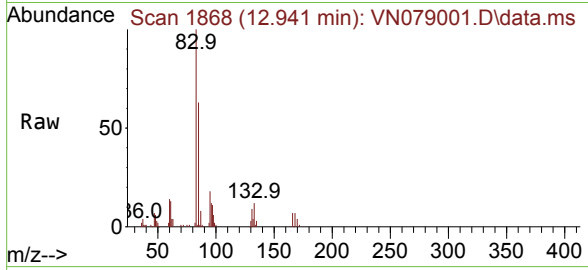




#75
1,1,2,2-Tetrachloroethane
Concen: 20.037 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

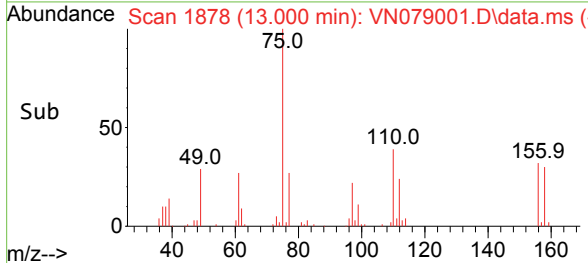
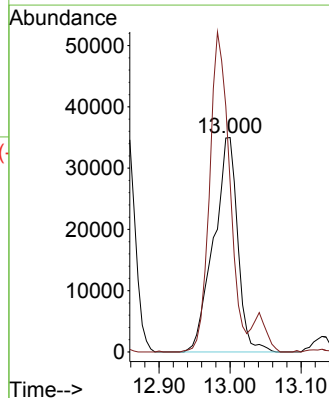
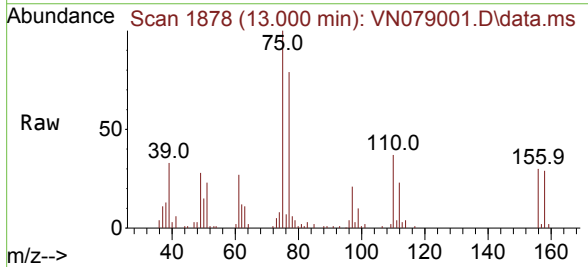
Instrument :
MSVOA_N
ClientSampleId :

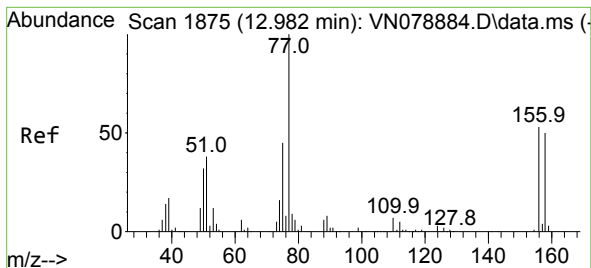
Tgt Ion: 83 Resp: 70384
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 63.3 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 29.152 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion: 75 Resp: 81953
Ion Ratio Lower Upper
75 100
77 123.9 84.5 253.5





#77

Bromobenzene

Concen: 18.777 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

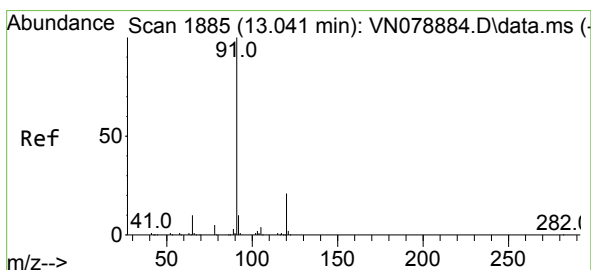
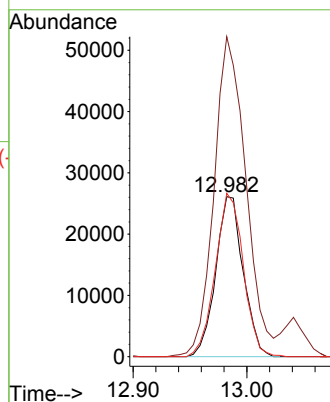
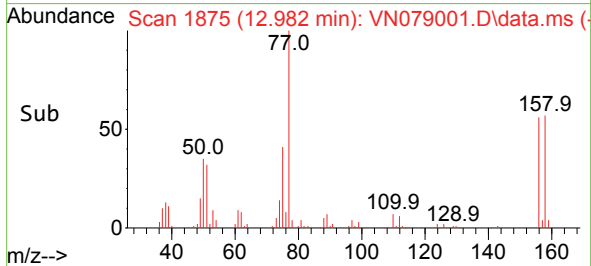
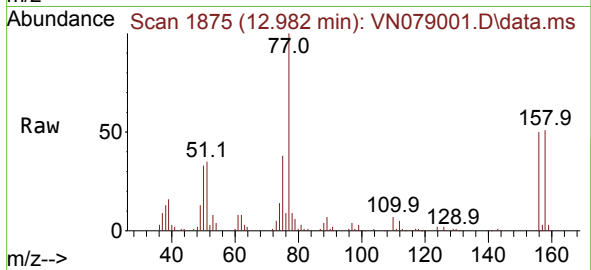
Tgt Ion:156 Resp: 43907

Ion Ratio Lower Upper

156 100

77 231.3 107.7 323.3

158 104.0 48.4 145.3



#78

n-propylbenzene

Concen: 18.617 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079001.D

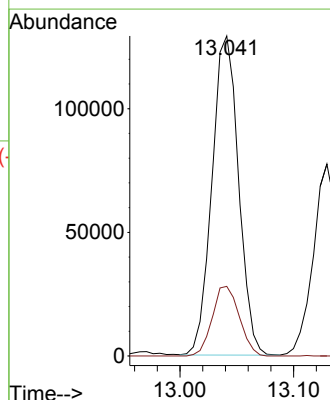
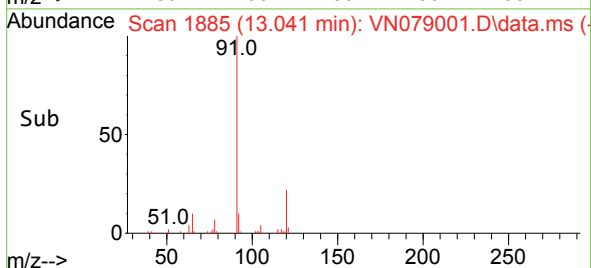
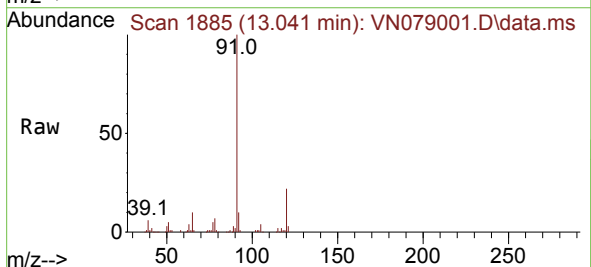
Acq: 22 Aug 2023 18:00

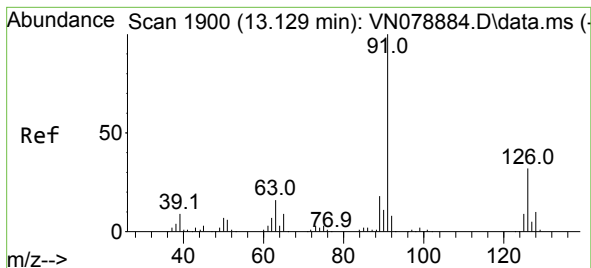
Tgt Ion: 91 Resp: 210016

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.340 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

Instrument :

MSVOA_N

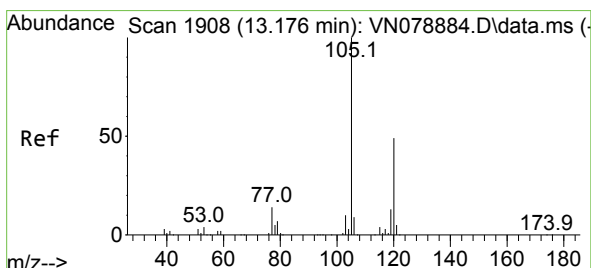
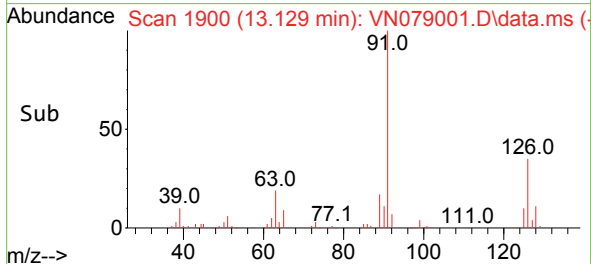
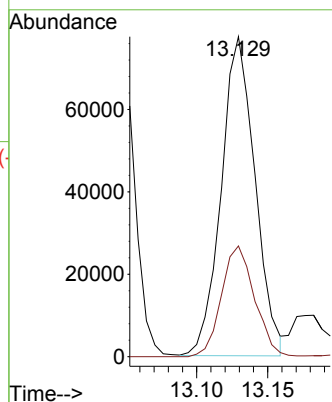
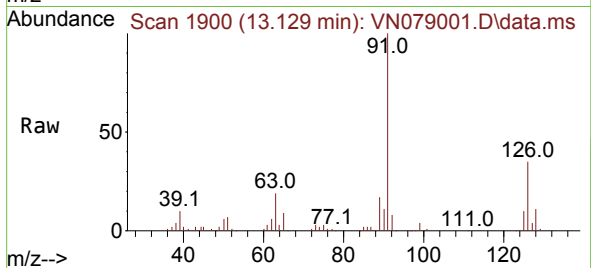
ClientSampleId :

Tgt Ion: 91 Resp: 128338

Ion Ratio Lower Upper

91 100

126 34.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 19.606 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079001.D

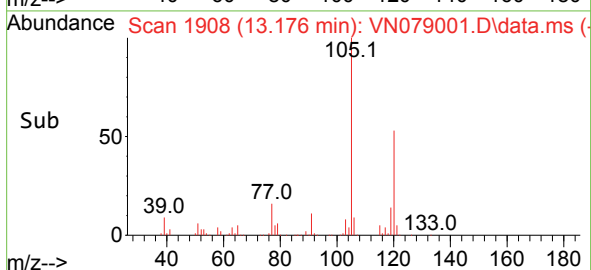
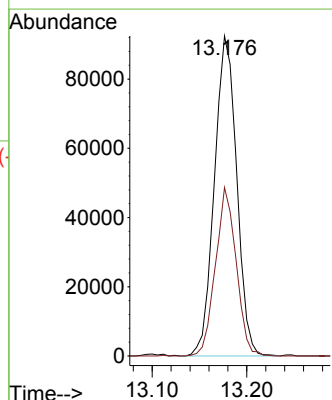
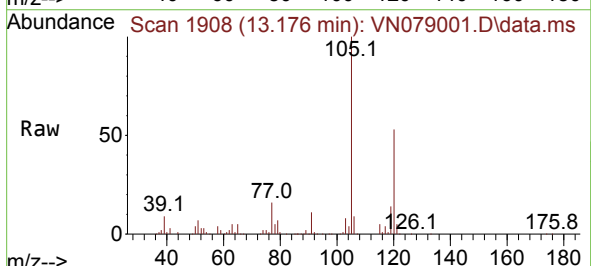
Acq: 22 Aug 2023 18:00

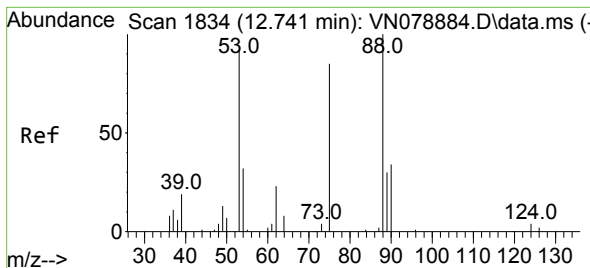
Tgt Ion:105 Resp: 151149

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.3

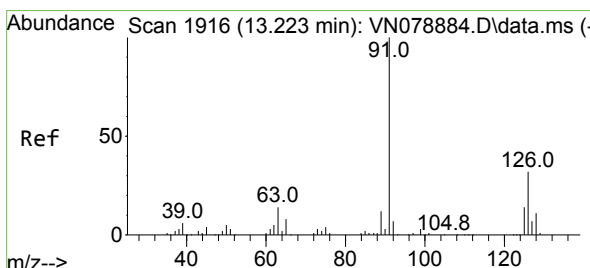
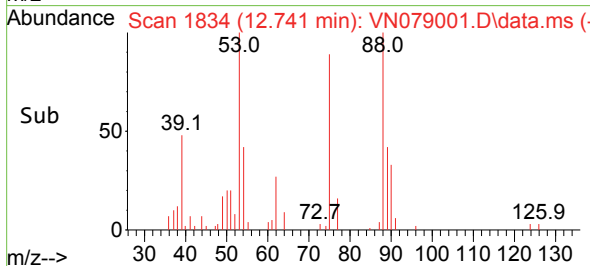
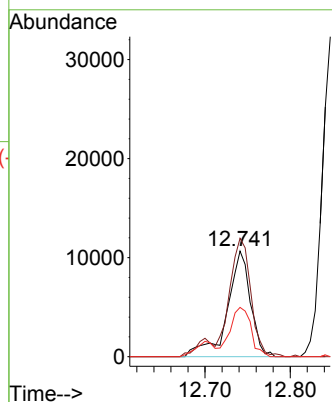
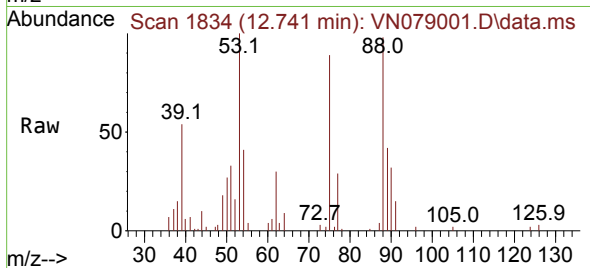




#81
trans-1,4-Dichloro-2-butene
Concen: 18.245 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

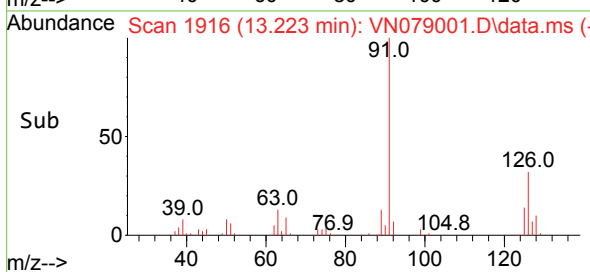
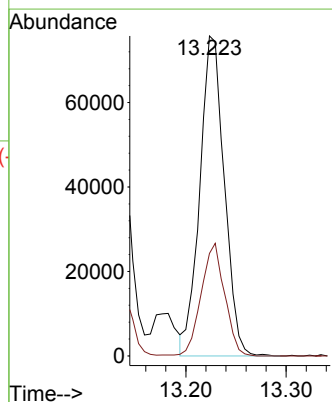
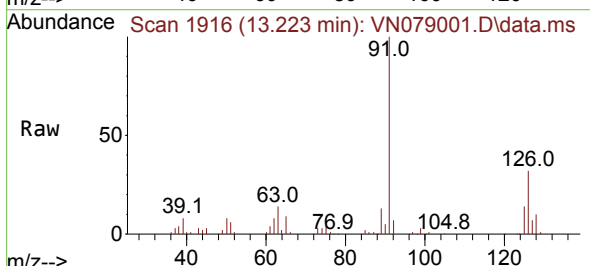
Instrument :
MSVOA_N
ClientSampleId :

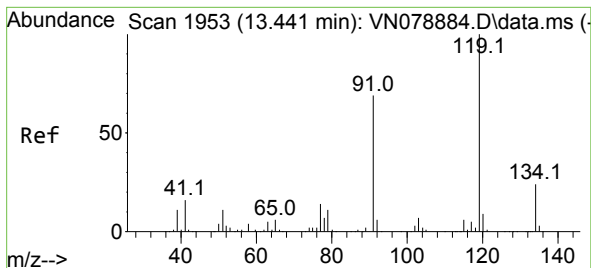
Tgt Ion: 75 Resp: 20078
Ion Ratio Lower Upper
75 100
53 102.7 67.4 101.2#
89 43.0 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.836 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion: 91 Resp: 128971
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0

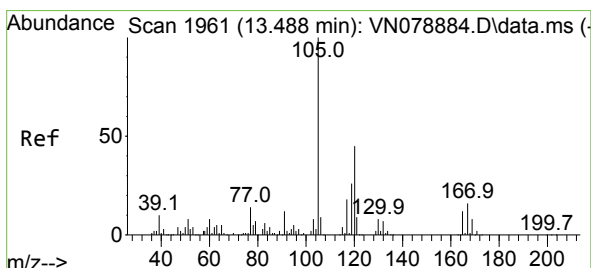
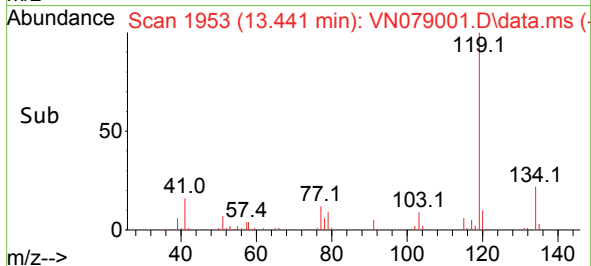
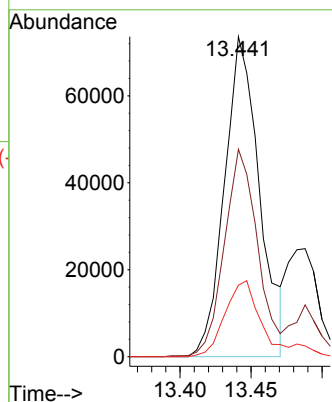
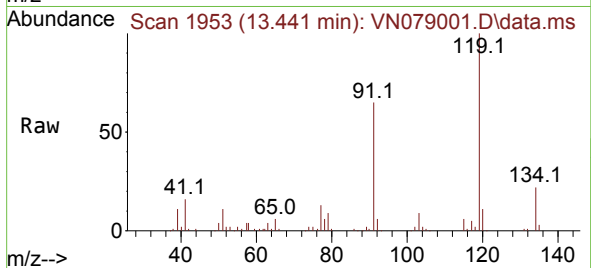




#83
 tert-Butylbenzene
 Concen: 19.440 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079001.D
 Acq: 22 Aug 2023 18:00

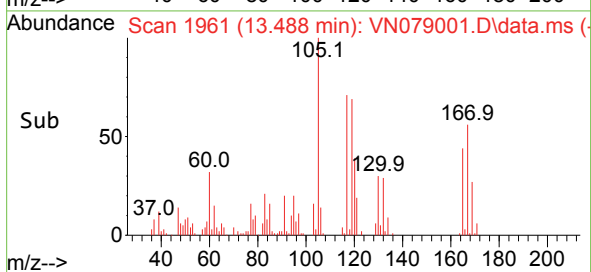
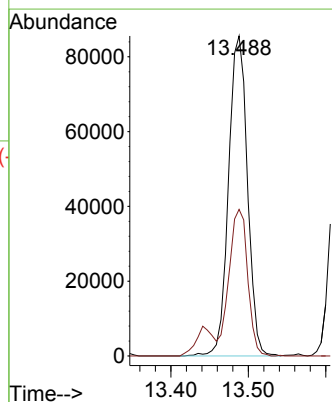
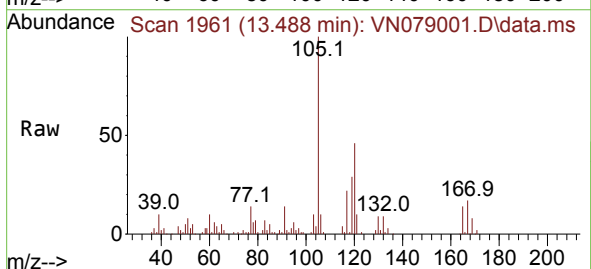
Instrument :
 MSVOA_N
 ClientSampleId :

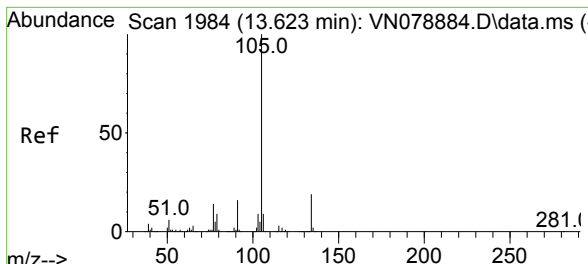
Tgt Ion:119 Resp: 125920
 Ion Ratio Lower Upper
 119 100
 91 61.9 33.9 101.7
 134 26.0 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.968 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079001.D
 Acq: 22 Aug 2023 18:00

Tgt Ion:105 Resp: 144795
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.0 66.0

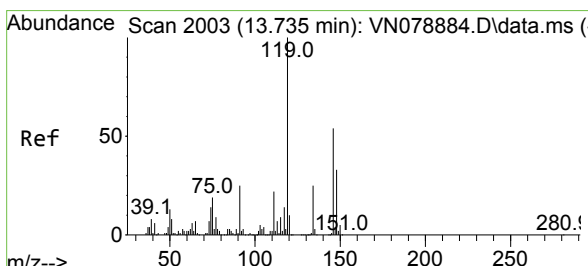
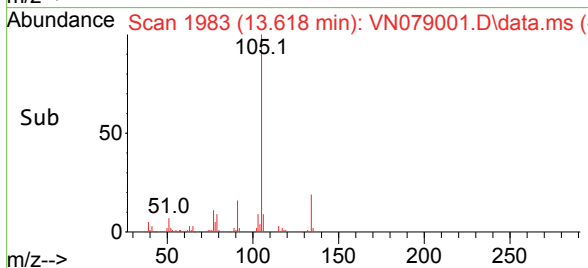
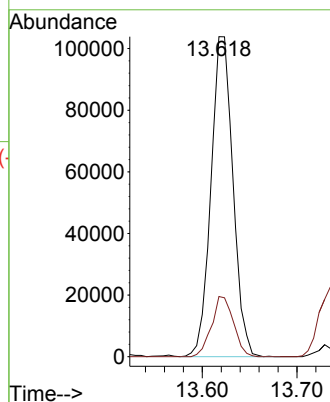
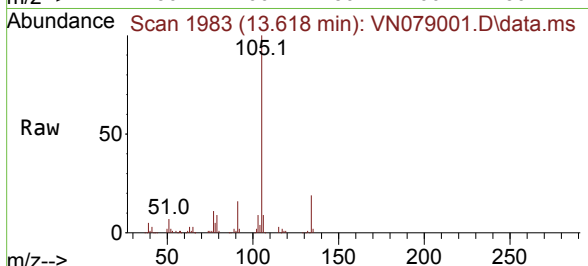




#85
 sec-Butylbenzene
 Concen: 18.831 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN079001.D
 Acq: 22 Aug 2023 18:00

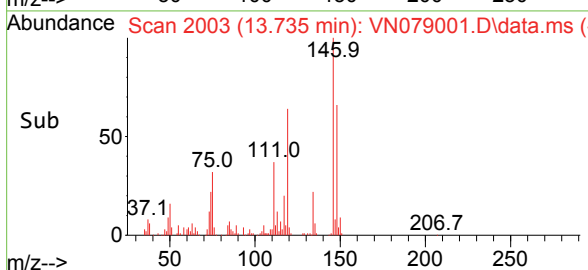
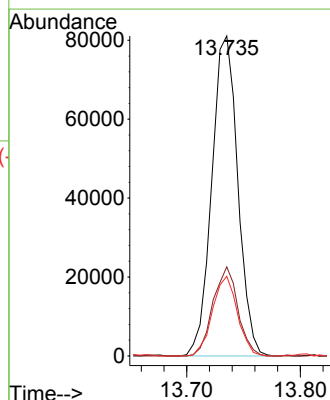
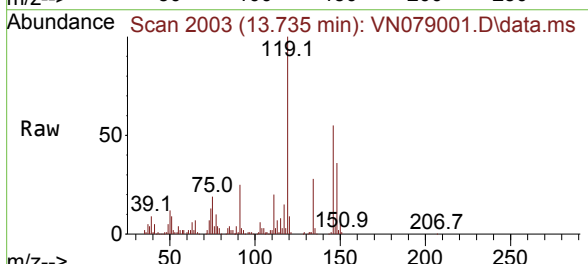
Instrument :
 MSVOA_N
 ClientSampleId :

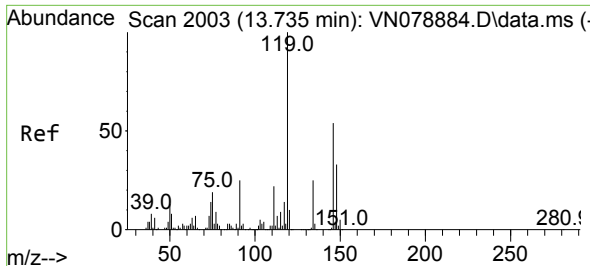
Tgt Ion:105 Resp: 167862
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.106 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079001.D
 Acq: 22 Aug 2023 18:00

Tgt Ion:119 Resp: 128954
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.6 37.8
 91 23.9 12.4 37.2

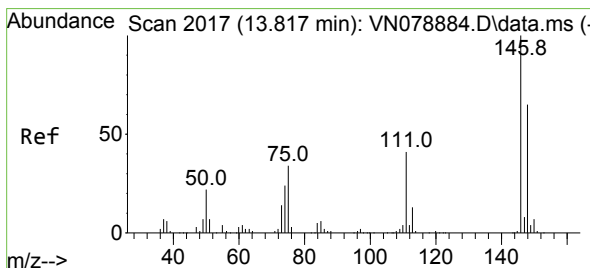
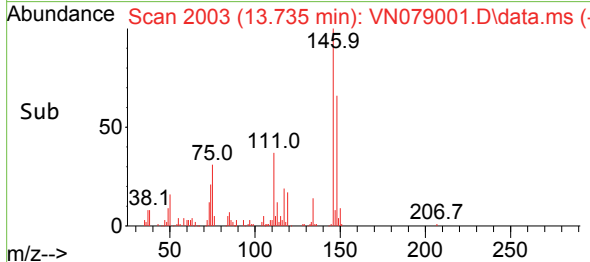
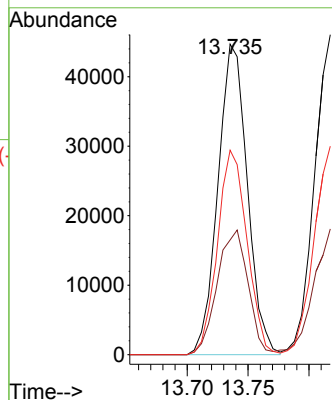
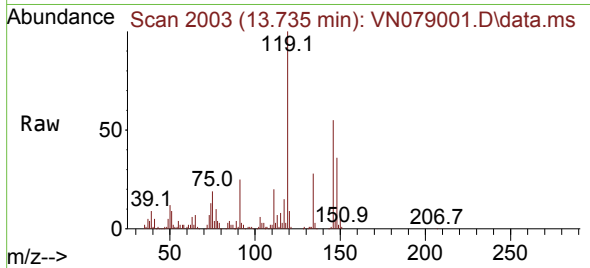




#87
1,3-Dichlorobenzene
Concen: 18.673 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

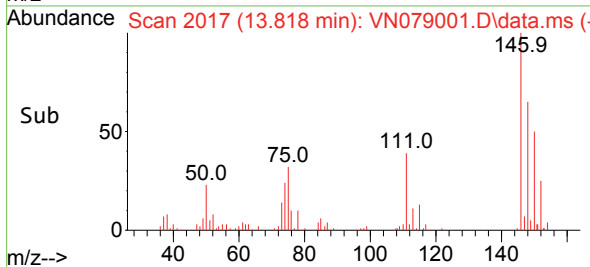
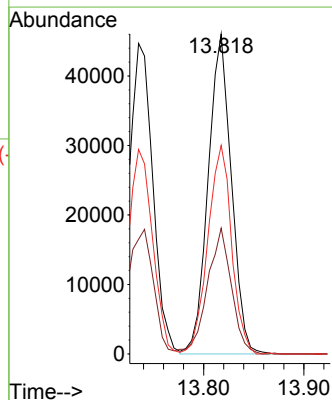
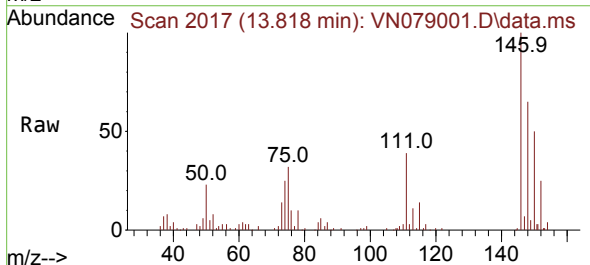
Instrument :
MSVOA_N
ClientSampleId :

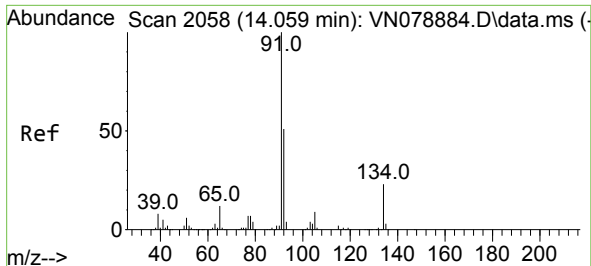
Tgt Ion:146 Resp: 75137
Ion Ratio Lower Upper
146 100
111 42.1 22.1 66.3
148 66.2 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 18.445 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion:146 Resp: 74285
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.8
148 66.6 31.6 94.8

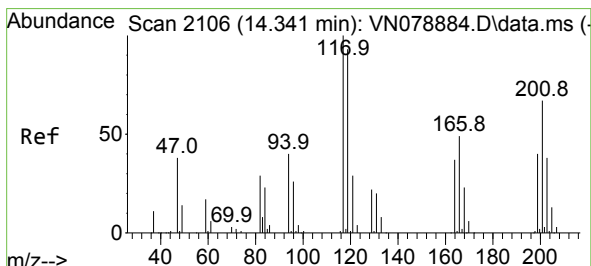
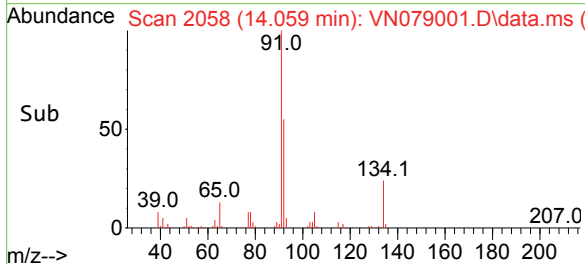
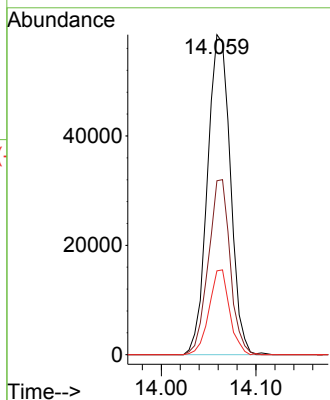
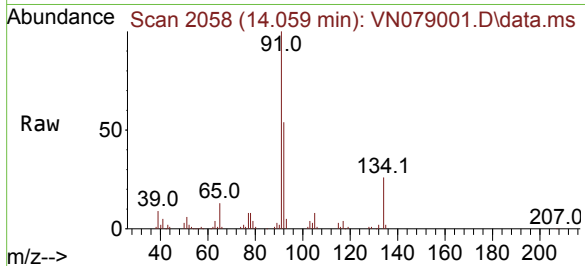




#89
n-Butylbenzene
Concen: 16.794 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

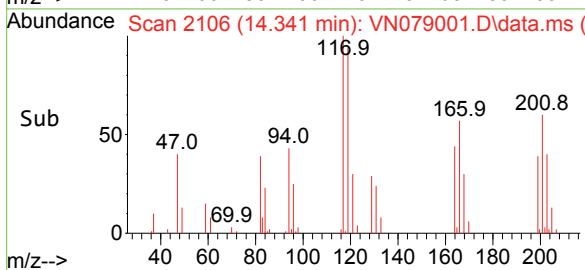
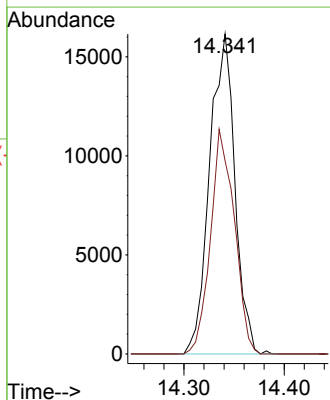
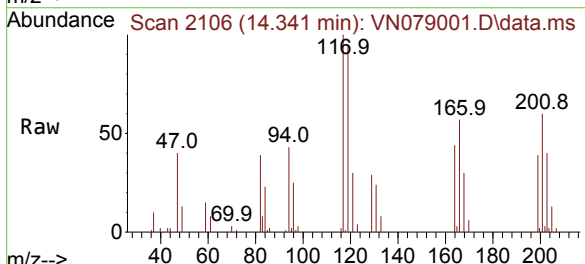
Instrument :
MSVOA_N
ClientSampleId :

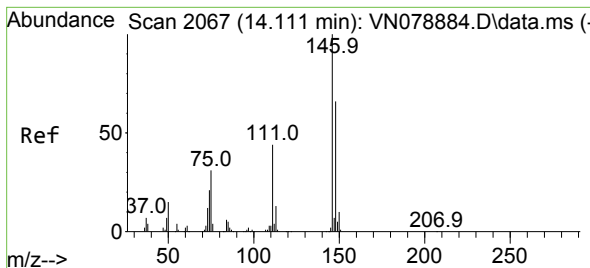
Tgt Ion: 91 Resp: 98431
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.0
134 23.8 12.6 37.6



#90
Hexachloroethane
Concen: 19.802 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079001.D
Acq: 22 Aug 2023 18:00

Tgt Ion: 117 Resp: 28271
Ion Ratio Lower Upper
117 100
201 66.5 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 18.933 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

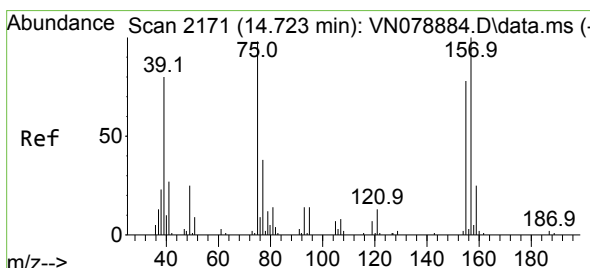
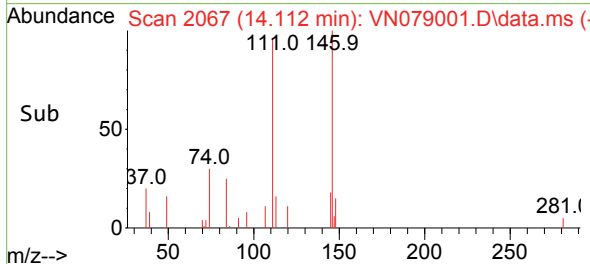
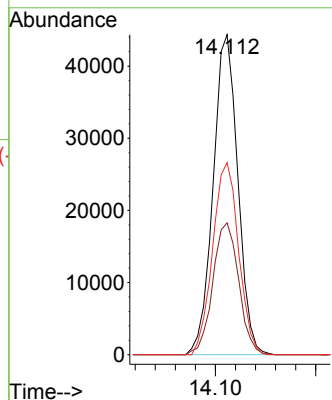
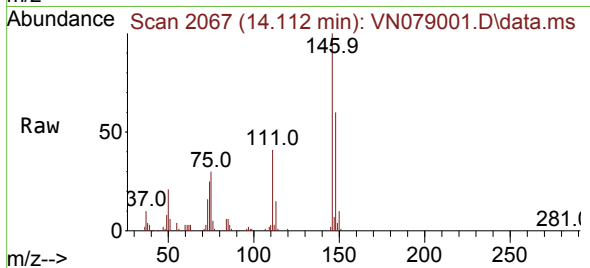
Tgt Ion:146 Resp: 75759

Ion Ratio Lower Upper

146 100

111 43.3 22.0 66.0

148 63.0 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.536 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

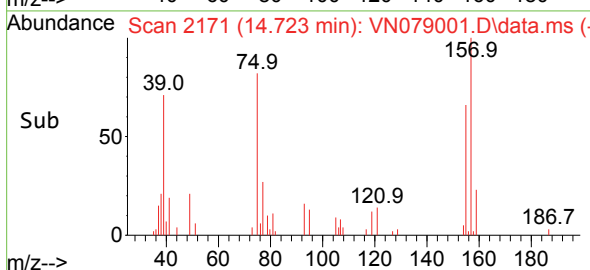
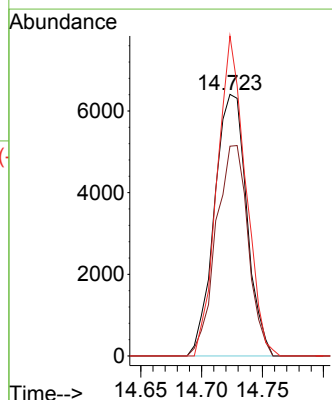
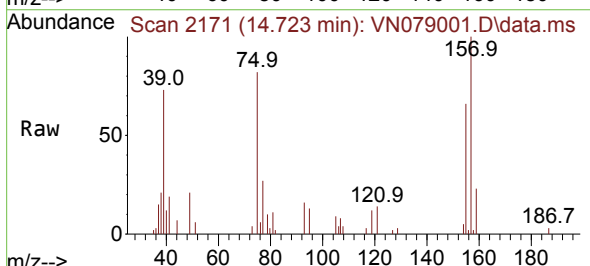
Tgt Ion: 75 Resp: 11822

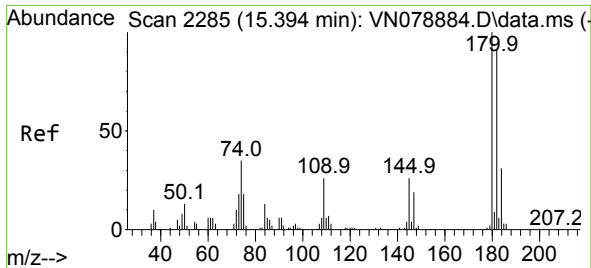
Ion Ratio Lower Upper

75 100

155 79.7 39.1 117.2

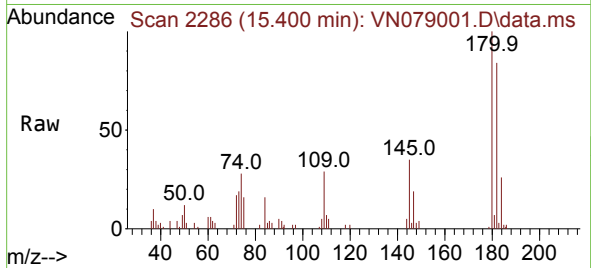
157 107.7 50.3 150.9



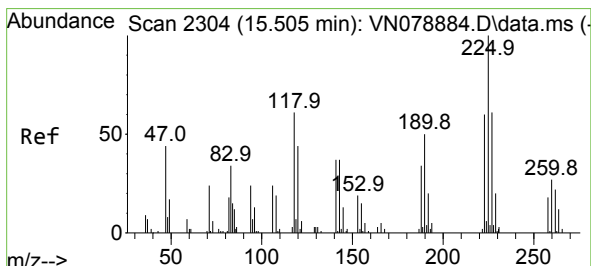
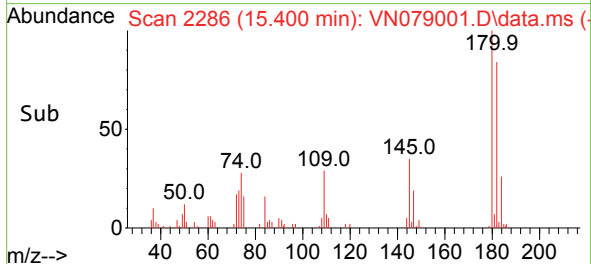
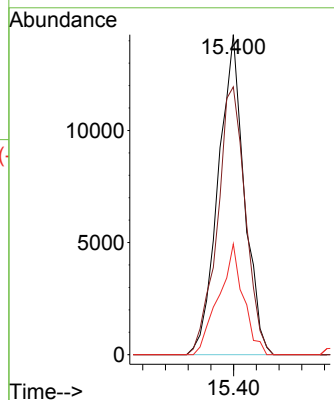


#93
 1,2,4-Trichlorobenzene
 Concen: 16.049 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079001.D
 Acq: 22 Aug 2023 18:00

Instrument :
 MSVOA_N
 ClientSampleId :

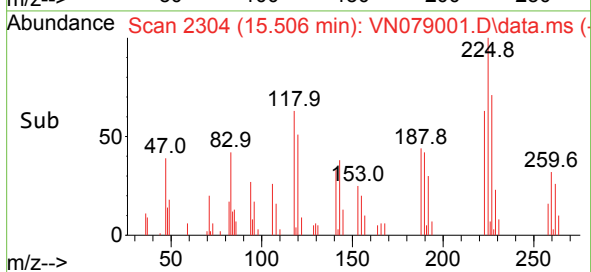
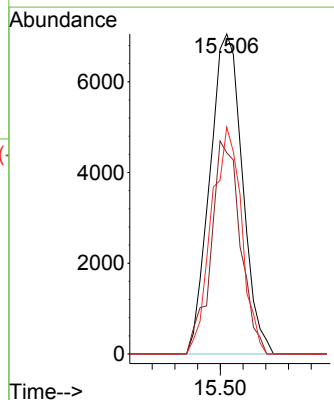
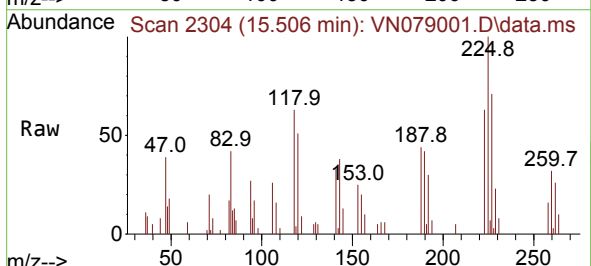


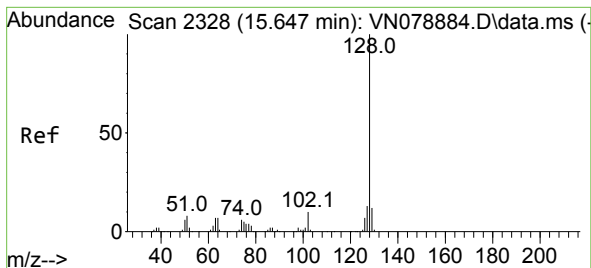
Tgt Ion:180 Resp: 22767
 Ion Ratio Lower Upper
 180 100
 182 90.0 46.1 138.2
 145 32.8 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 17.025 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN079001.D
 Acq: 22 Aug 2023 18:00

Tgt Ion:225 Resp: 14017
 Ion Ratio Lower Upper
 225 100
 223 60.3 31.3 93.8
 227 65.6 31.9 95.9





#95

Naphthalene

Concen: 13.705 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079001.D

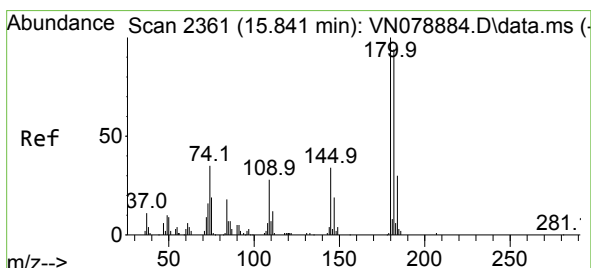
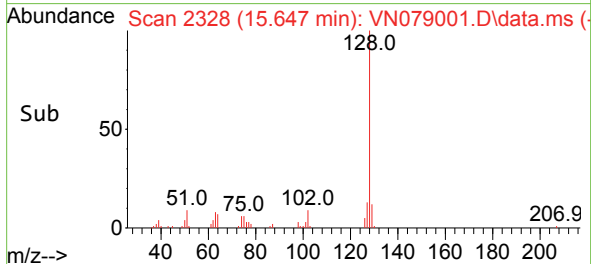
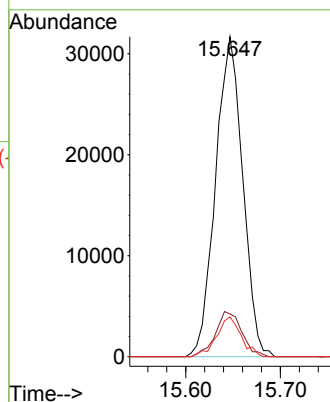
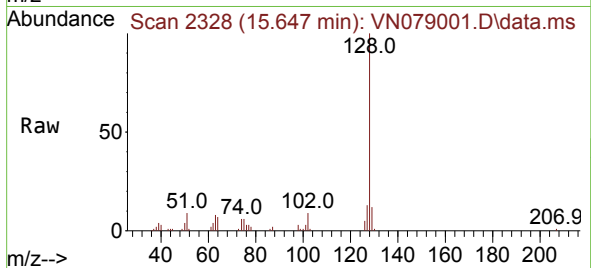
Acq: 22 Aug 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	63092
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.0 15.0
129	11.2	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.131 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN079001.D

Acq: 22 Aug 2023 18:00

Tgt Ion:180	Resp:	25063
Ion Ratio	Lower	Upper
180	100	
182	99.0	46.2 138.6
145	32.9	17.5 52.6

