

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080898.D
 Acq On : 05 Feb 2024 15:50
 Operator : JC\MD
 Sample : VN0205WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBSD01

Quant Time: Feb 06 04:43:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	115173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	216940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	188119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77287	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130567	65.530	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 131.060%#	
35) Dibromofluoromethane	8.165	113	77928	58.714	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 117.420%	
50) Toluene-d8	10.571	98	270947	52.158	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.320%	
62) 4-Bromofluorobenzene	12.847	95	106876	59.040	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38703	22.624	ug/l	95
3) Chloromethane	2.359	50	40637	15.803	ug/l	95
4) Vinyl Chloride	2.512	62	39330	20.118	ug/l	94
5) Bromomethane	2.959	94	16911	21.627	ug/l	100
6) Chloroethane	3.124	64	23201	22.260	ug/l	94
7) Trichlorofluoromethane	3.500	101	64355	25.435	ug/l	97
8) Diethyl Ether	3.959	74	22214	19.032	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.377	101	31378	21.267	ug/l	96
10) Methyl Iodide	4.589	142	25393	20.388	ug/l	92
11) Tert butyl alcohol	5.524	59	35538	109.417	ug/l #	82
12) 1,1-Dichloroethene	4.342	96	27891	17.253	ug/l #	77
13) Acrolein	4.171	56	35792	87.387	ug/l	93
14) Allyl chloride	5.018	41	63729	19.944	ug/l #	85
15) Acrylonitrile	5.718	53	88008	90.097	ug/l	94
16) Acetone	4.430	43	95798	132.572	ug/l	92
17) Carbon Disulfide	4.718	76	78738	15.645	ug/l	99
18) Methyl Acetate	5.030	43	53349	21.184	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	119146	20.916	ug/l	95
20) Methylene Chloride	5.265	84	36307	19.140	ug/l #	91
21) trans-1,2-Dichloroethene	5.789	96	31608	17.996	ug/l	92
22) Diisopropyl ether	6.677	45	137886	19.557	ug/l	96
23) Vinyl Acetate	6.600	43	539543	105.763	ug/l	97
24) 1,1-Dichloroethane	6.571	63	73174	20.464	ug/l	97
25) 2-Butanone	7.483	43	136520	99.465	ug/l	95
26) 2,2-Dichloropropane	7.494	77	67963	23.516	ug/l	89
27) cis-1,2-Dichloroethene	7.488	96	36423	17.915	ug/l	87
28) Bromochloromethane	7.818	49	39197	20.705	ug/l #	26
29) Tetrahydrofuran	7.841	42	87219	93.911	ug/l	94
30) Chloroform	7.965	83	71375	21.486	ug/l	90
31) Cyclohexane	8.265	56	62445	18.277	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	62564	23.225	ug/l	92
36) 1,1-Dichloropropene	8.377	75	51963	21.064	ug/l	93
37) Ethyl Acetate	7.559	43	57342	22.580	ug/l #	93
38) Carbon Tetrachloride	8.365	117	49697	25.003	ug/l #	95
39) Methylcyclohexane	9.600	83	45546	18.575	ug/l #	71
40) Benzene	8.606	78	143149	19.743	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32788	21.906	ug/l	92
42) 1,2-Dichloroethane	8.677	62	68103	28.831	ug/l	96
43) Isopropyl Acetate	8.688	43	100537	21.745	ug/l	97
44) Trichloroethene	9.353	130	30143	18.875	ug/l	94
45) 1,2-Dichloropropane	9.624	63	40125	20.449	ug/l	92
46) Dibromomethane	9.712	93	25287	21.740	ug/l	97
47) Bromodichloromethane	9.888	83	57017	24.144	ug/l #	99
48) Methyl methacrylate	9.682	41	50400	22.485	ug/l	87
49) 1,4-Dioxane	9.694	88	11363	420.857	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	289766	112.110	ug/l	94
52) Toluene	10.629	92	80046	19.255	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	59308	21.558	ug/l #	87
54) cis-1,3-Dichloropropene	10.318	75	63396	21.191	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	31986	20.021	ug/l	93
56) Ethyl methacrylate	10.876	69	52654	21.439	ug/l #	79
57) 1,3-Dichloropropane	11.165	76	61350	20.404	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	124962	87.279	ug/l	99
59) 2-Hexanone	11.194	43	222843	110.995	ug/l	91
60) Dibromochloromethane	11.353	129	33837	22.770	ug/l	97
61) 1,2-Dibromoethane	11.465	107	32195	21.502	ug/l	100
64) Tetrachloroethene	11.106	164	27263	22.049	ug/l #	83
65) Chlorobenzene	11.894	112	79843	19.447	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.965	131	30809	23.076	ug/l	96
67) Ethyl Benzene	11.965	91	160022	20.970	ug/l	97
68) m/p-Xylenes	12.076	106	108306	39.965	ug/l	85
69) o-Xylene	12.400	106	53927	20.026	ug/l	84
70) Styrene	12.412	104	88542	20.474	ug/l	91
71) Bromoform	12.582	173	20642	22.866	ug/l #	97
73) Isopropylbenzene	12.700	105	136388	19.270	ug/l	98
74) N-amyl acetate	12.494	43	85454	19.447	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	46874	18.828	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	66851	28.679	ug/l	62
77) Bromobenzene	12.976	156	29320	19.380	ug/l	94
78) n-propylbenzene	13.041	91	169872	20.090	ug/l	97
79) 2-Chlorotoluene	13.129	91	108924	20.268	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	114154	20.252	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	15231	16.833	ug/l #	67
82) 4-Chlorotoluene	13.223	91	107281	20.161	ug/l	95
83) tert-Butylbenzene	13.441	119	89765	19.942	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	116181	20.344	ug/l	100
85) sec-Butylbenzene	13.617	105	132994	20.041	ug/l	100
86) p-Isopropyltoluene	13.729	119	106235	20.600	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	51956	19.199	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	50934	18.774	ug/l	93
89) n-Butylbenzene	14.059	91	98239	19.466	ug/l	98
90) Hexachloroethane	14.335	117	17154	19.010	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	49214	19.870	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10032	21.558	ug/l	89
93) 1,2,4-Trichlorobenzene	15.400	180	25572	20.059	ug/l	97
94) Hexachlorobutadiene	15.500	225	12778	22.943	ug/l	95
95) Naphthalene	15.647	128	92591	18.981	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	24105	19.237	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

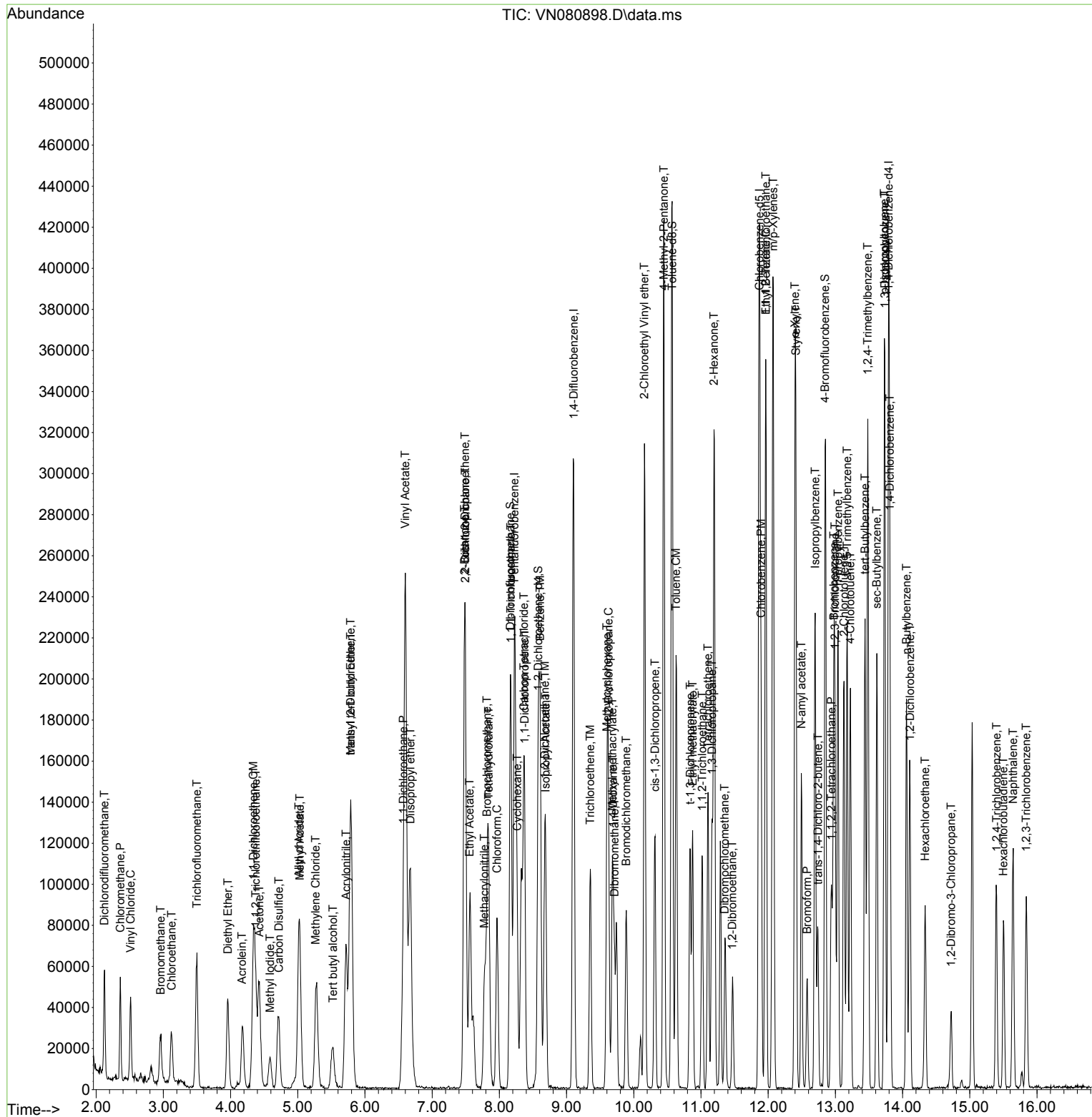
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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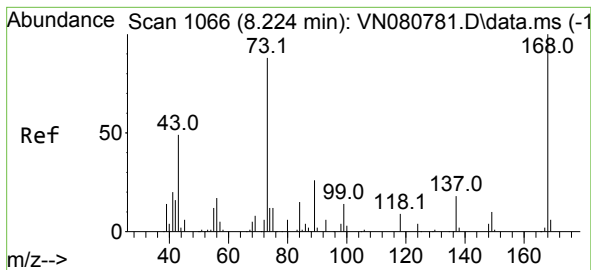
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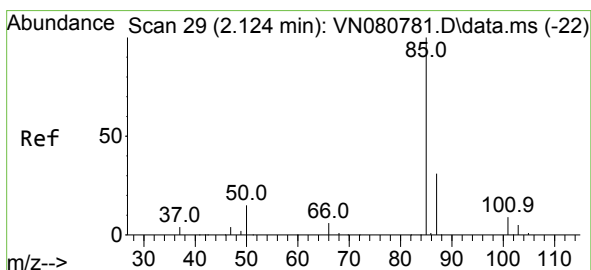
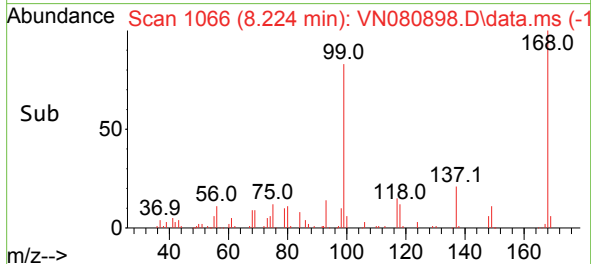
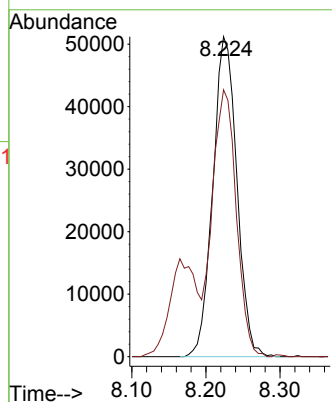
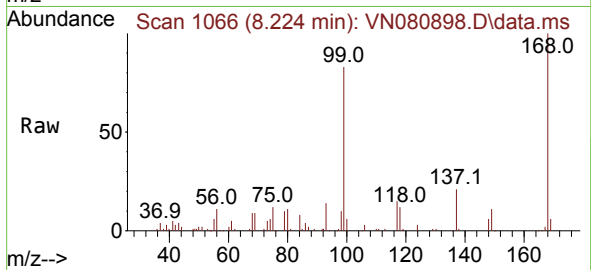




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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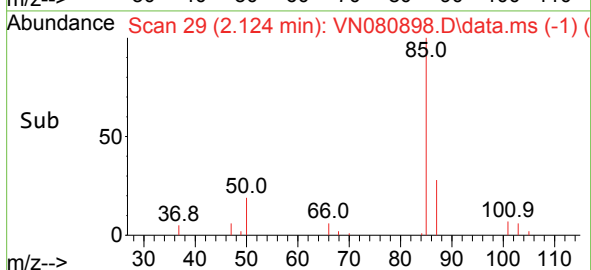
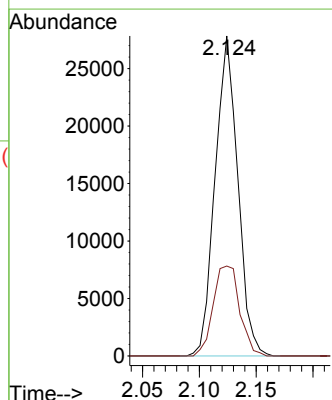
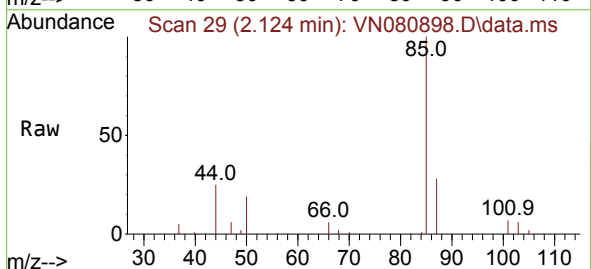
Instrument :
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VN0205WBSD01

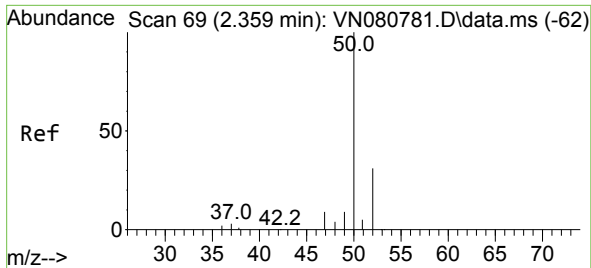
Tgt Ion:168 Resp: 115173
Ion Ratio Lower Upper
168 100
99 82.9 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 22.624 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 85 Resp: 38703
Ion Ratio Lower Upper
85 100
87 28.1 15.3 45.9

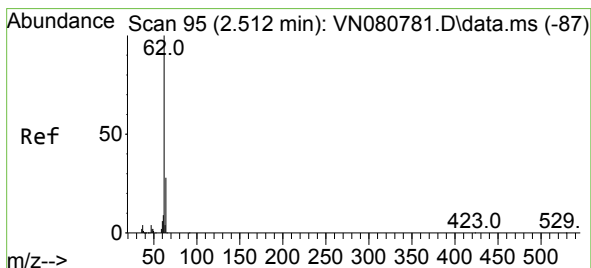
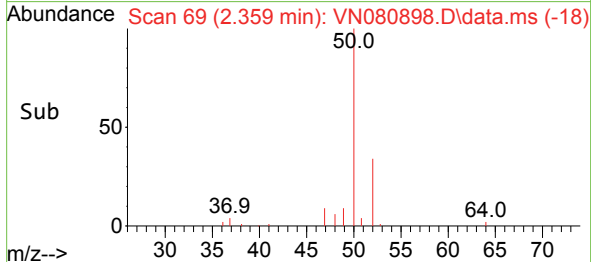
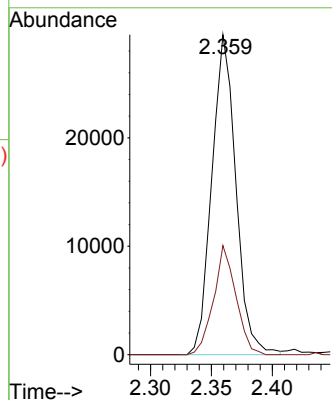
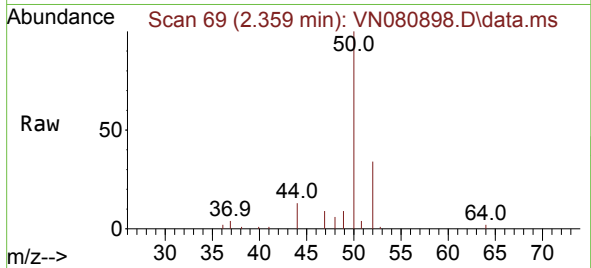




#3
Chloromethane
Concen: 15.803 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

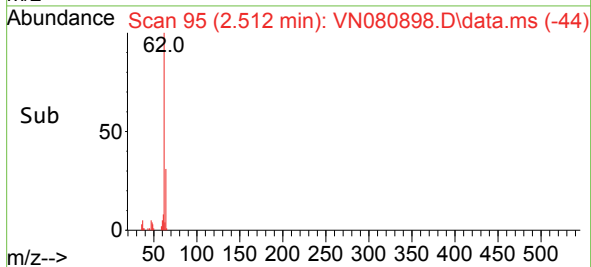
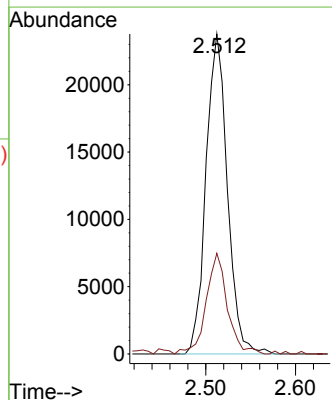
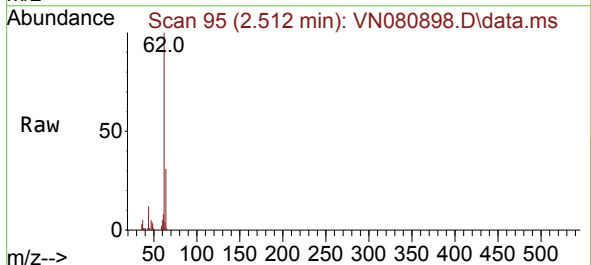
Instrument :
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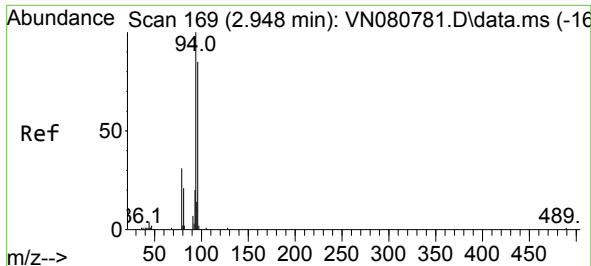
Tgt Ion: 50 Resp: 40637
Ion Ratio Lower Upper
50 100
52 34.1 25.0 37.4



#4
Vinyl Chloride
Concen: 20.118 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 62 Resp: 39330
Ion Ratio Lower Upper
62 100
64 31.5 22.7 34.1

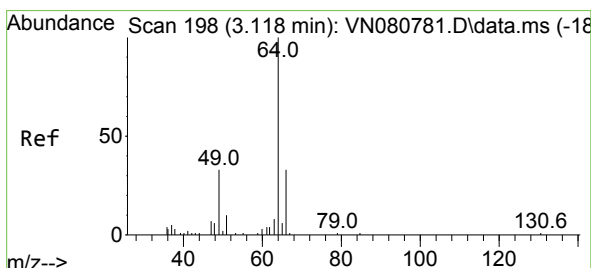
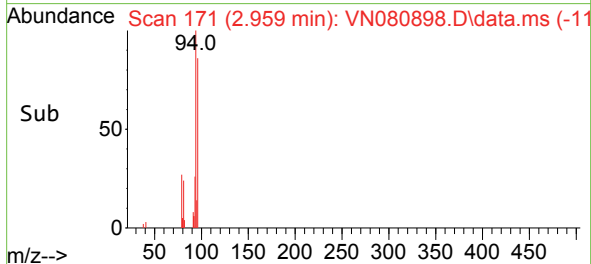
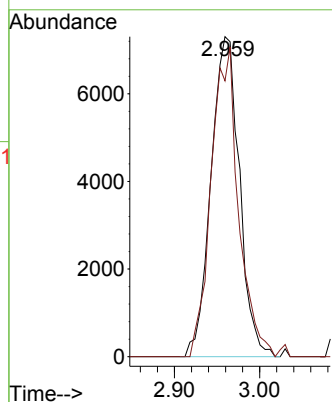
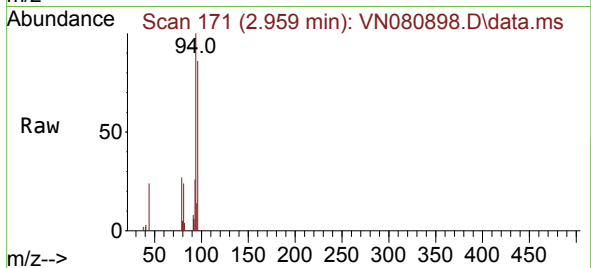




#5
Bromomethane
Concen: 21.627 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080898.D
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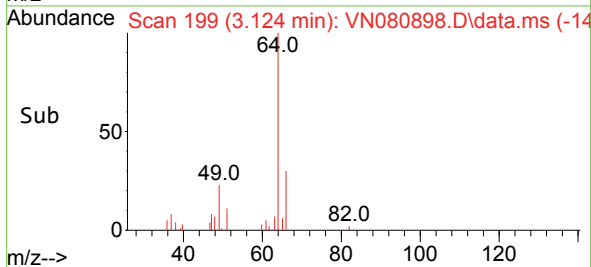
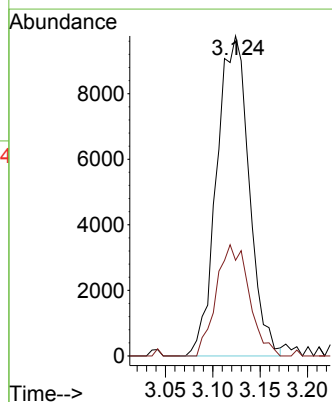
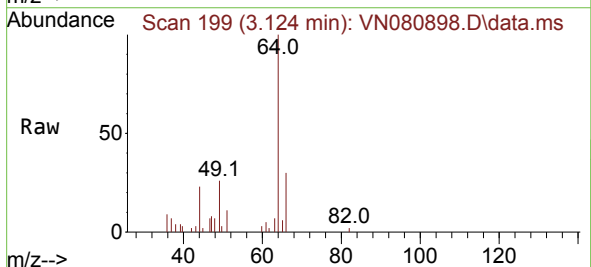
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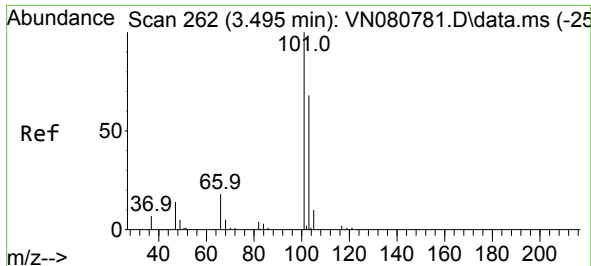
Tgt Ion: 94 Resp: 16911
Ion Ratio Lower Upper
94 100
96 86.2 69.2 103.8



#6
Chloroethane
Concen: 22.260 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 64 Resp: 23201
Ion Ratio Lower Upper
64 100
66 29.9 26.4 39.6

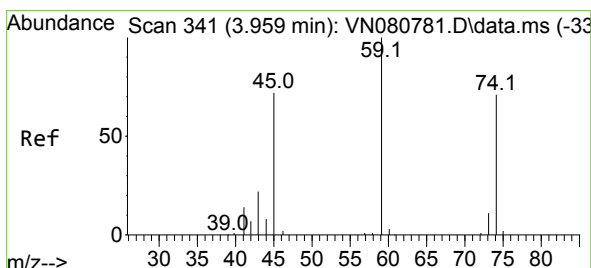
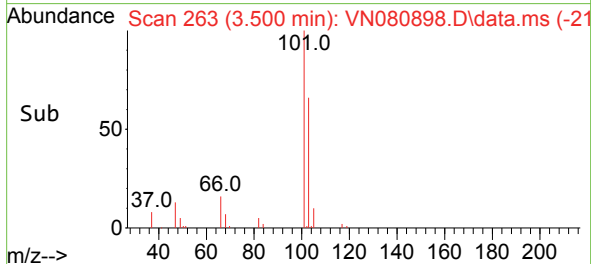
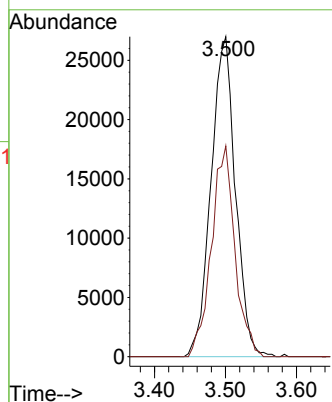
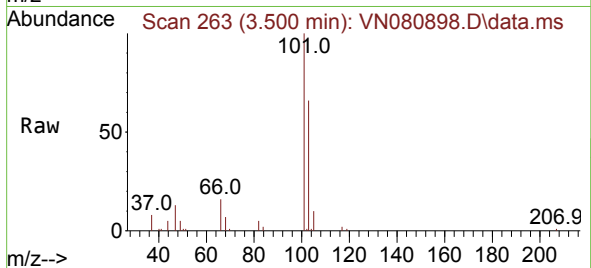




#7
Trichlorofluoromethane
Concen: 25.435 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

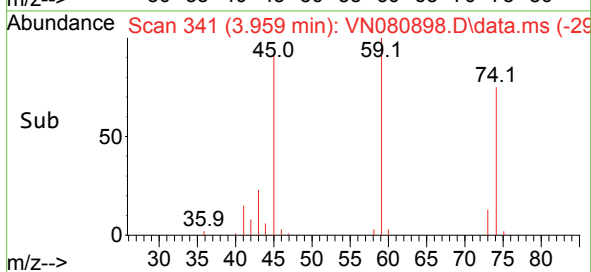
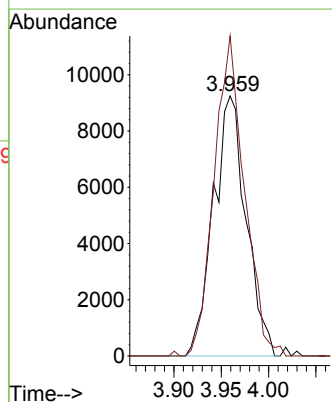
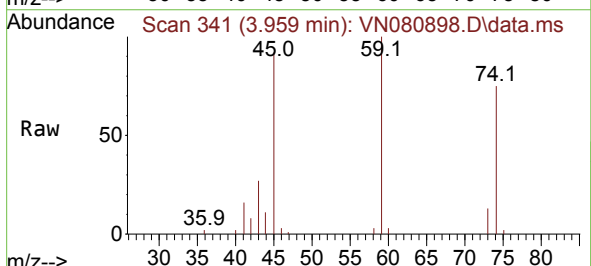
Instrument :
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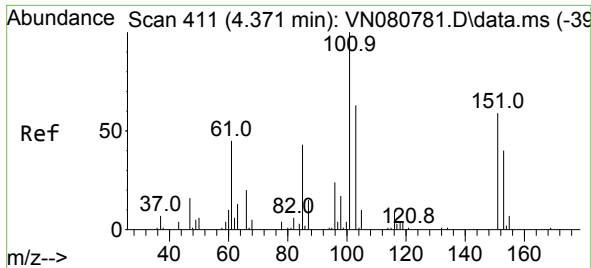
Tgt Ion:101 Resp: 64355
Ion Ratio Lower Upper
101 100
103 65.9 54.4 81.6



#8
Diethyl Ether
Concen: 19.032 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 74 Resp: 22214
Ion Ratio Lower Upper
74 100
45 113.9 53.3 159.9

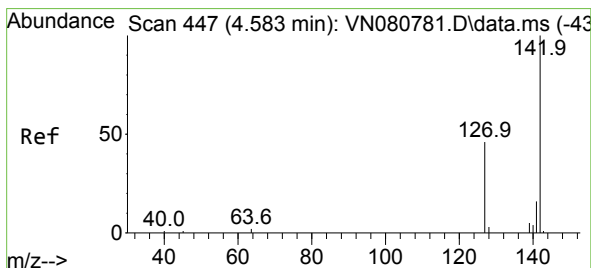
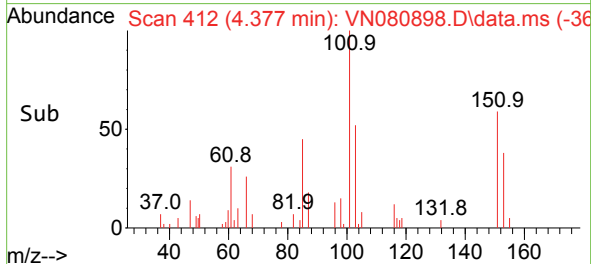
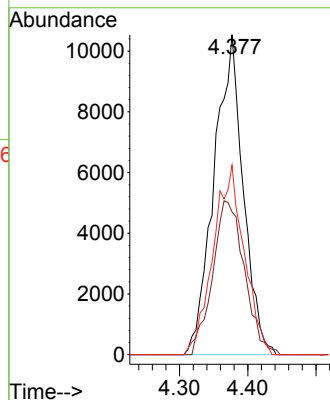
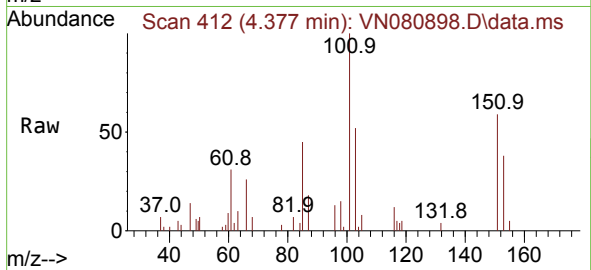




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.267 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

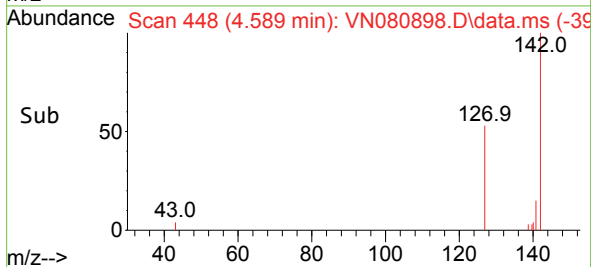
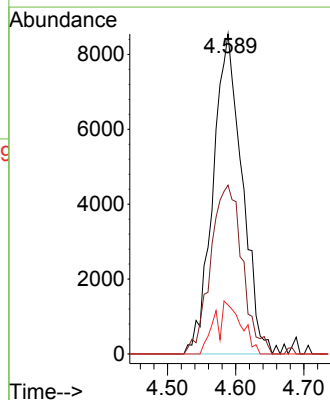
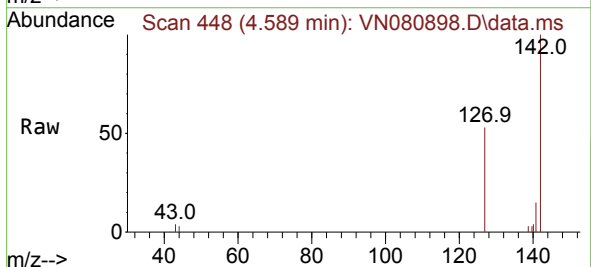
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

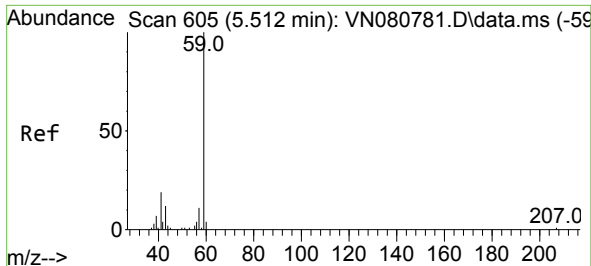
Tgt Ion:101 Resp: 31378
Ion Ratio Lower Upper
101 100
85 52.3 38.1 57.1
151 62.9 49.1 73.7



#10
Methyl Iodide
Concen: 20.388 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion:142 Resp: 25393
Ion Ratio Lower Upper
142 100
127 52.8 37.0 55.4
141 15.3 12.5 18.7

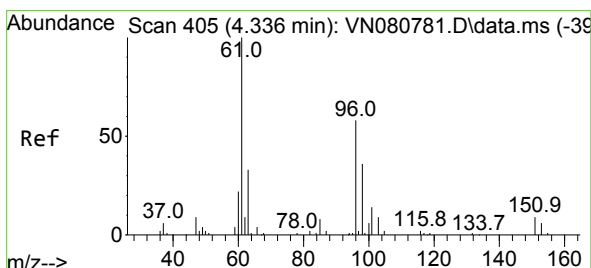
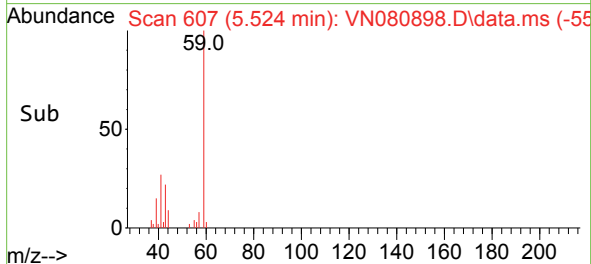
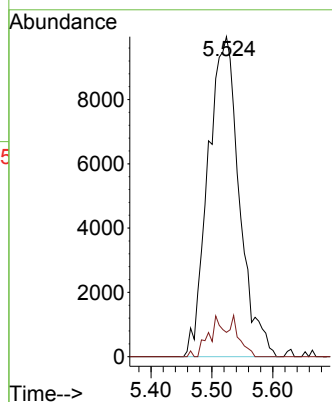
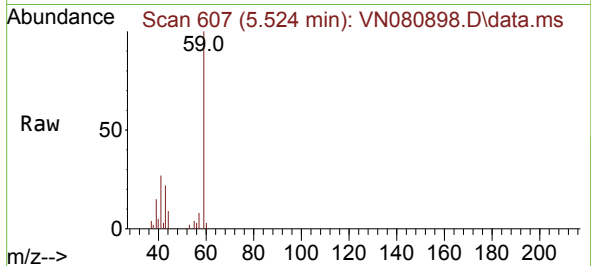




#11
Tert butyl alcohol
Concen: 109.417 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

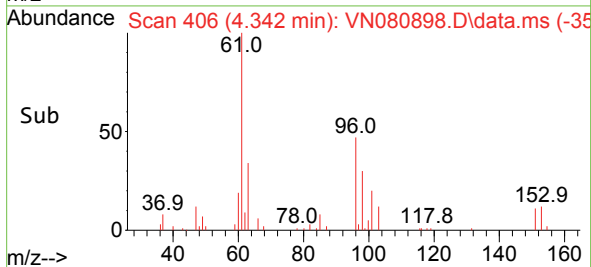
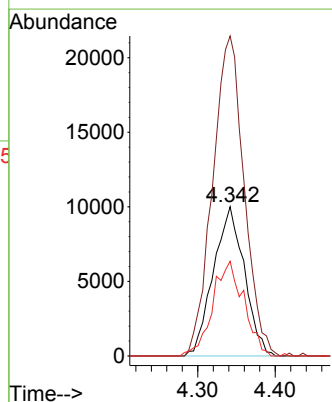
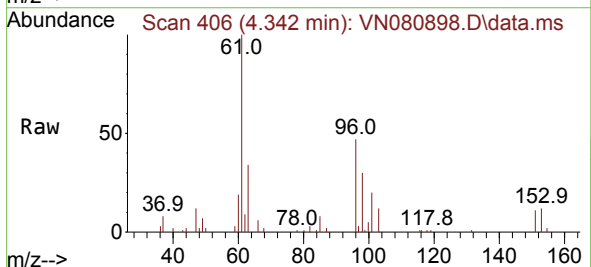
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

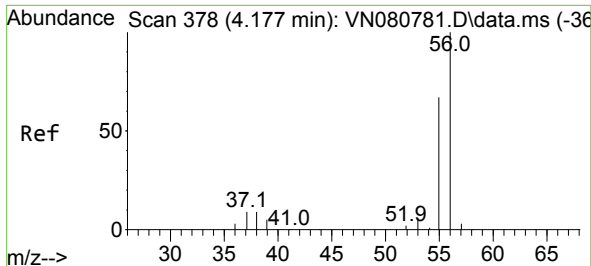
Tgt Ion: 59 Resp: 35538
Ion Ratio Lower Upper
59 100
57 4.0 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 17.253 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 96 Resp: 27891
Ion Ratio Lower Upper
96 100
61 214.3 138.2 207.4#
98 63.4 49.2 73.8





#13

Acrolein

Concen: 87.387 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

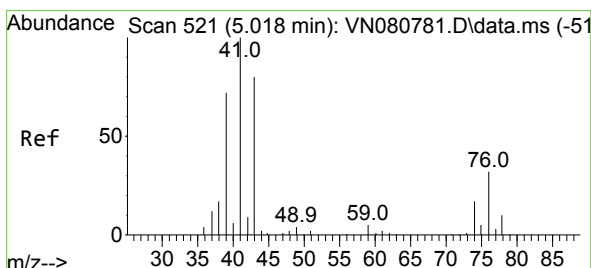
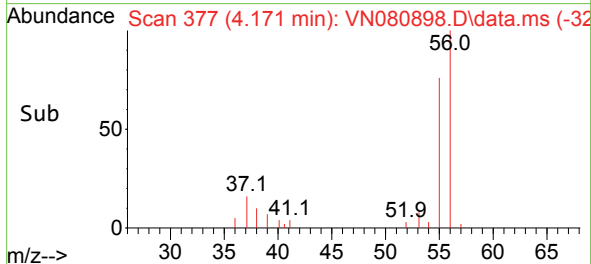
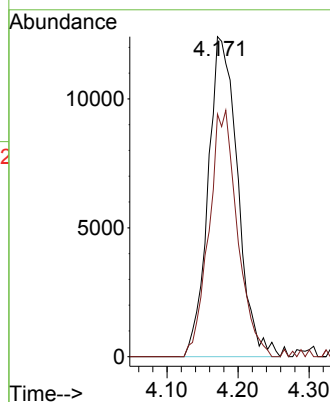
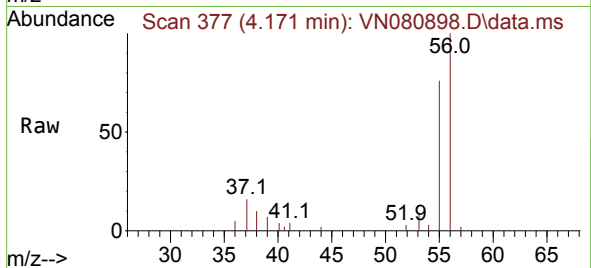
VN0205WBSD01

Tgt Ion: 56 Resp: 35792

Ion Ratio Lower Upper

56 100

55 74.5 55.3 82.9



#14

Allyl chloride

Concen: 19.944 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

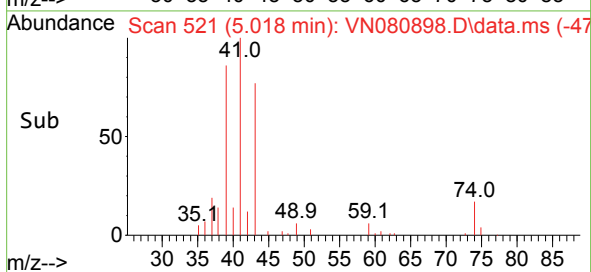
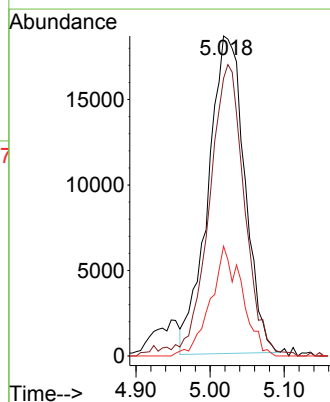
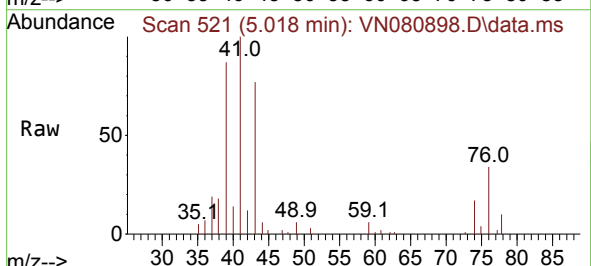
Tgt Ion: 41 Resp: 63729

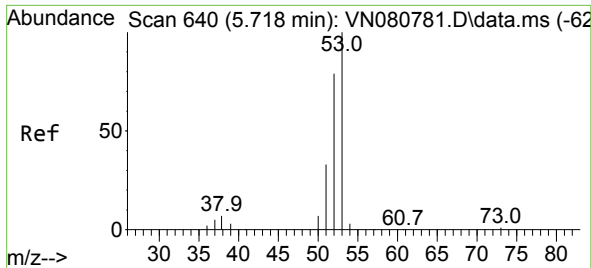
Ion Ratio Lower Upper

41 100

39 88.5 57.7 86.5#

76 29.8 26.8 40.2

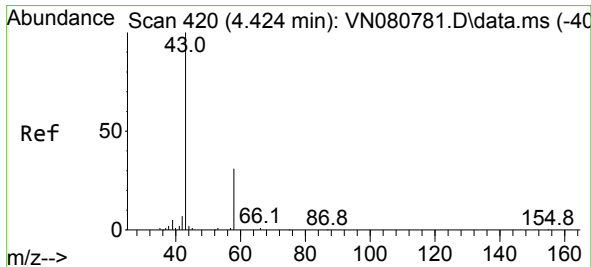
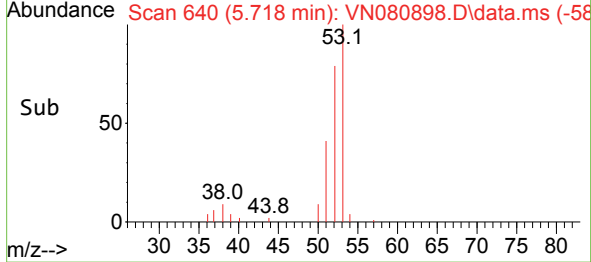
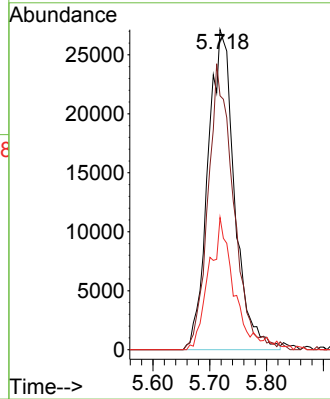
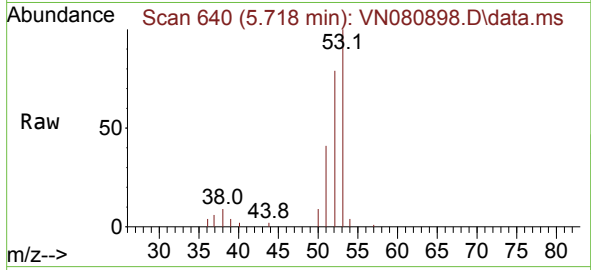




#15
Acrylonitrile
Concen: 90.097 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

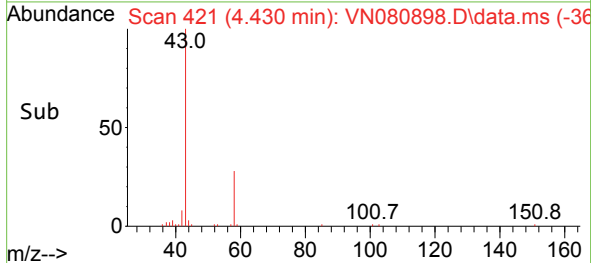
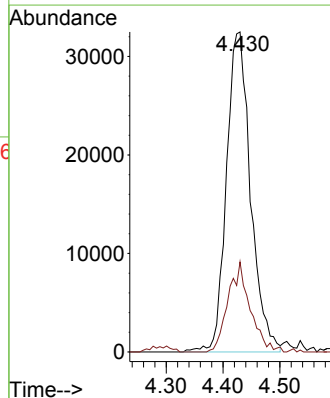
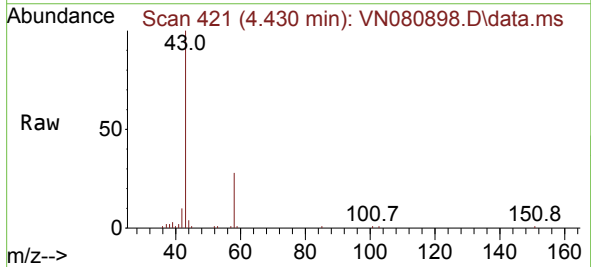
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

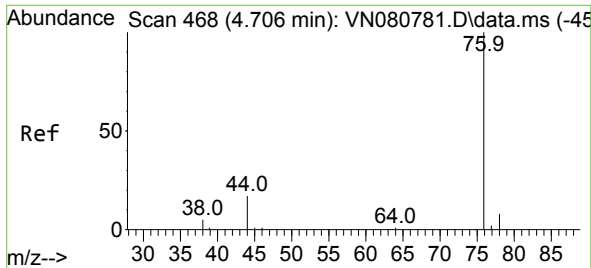
Tgt Ion:	53	Resp:	88008
Ion	Ratio	Lower	Upper
53	100		
52	84.9	64.8	97.2
51	39.9	26.9	40.3



#16
Acetone
Concen: 132.572 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion:	43	Resp:	95798
Ion	Ratio	Lower	Upper
43	100		
58	26.6	24.8	37.2

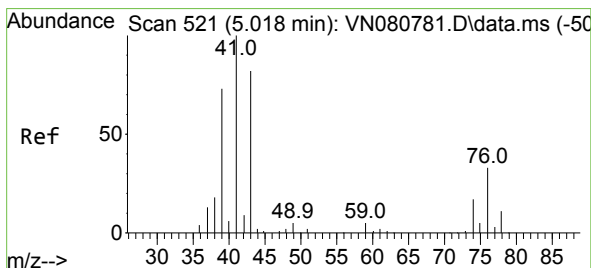
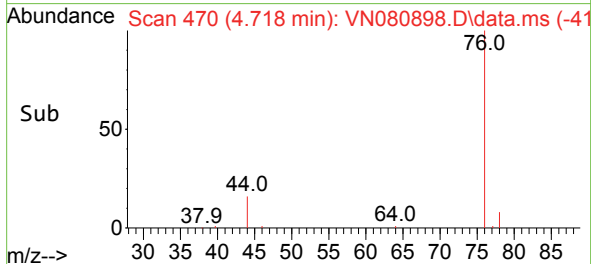
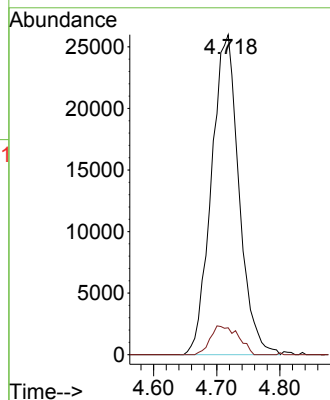
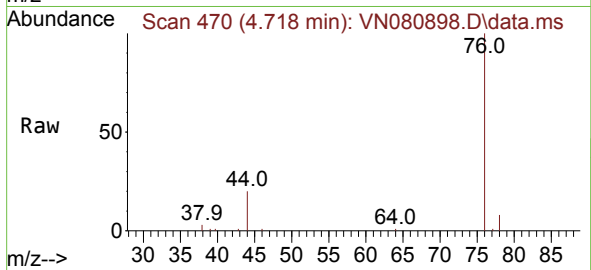




#17
Carbon Disulfide
Concen: 15.645 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

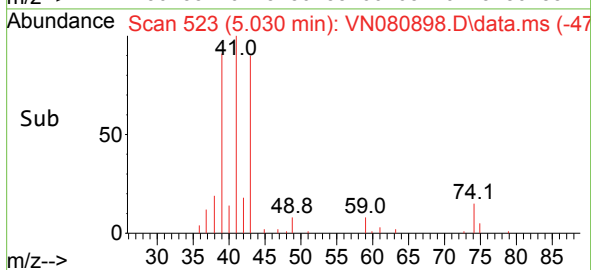
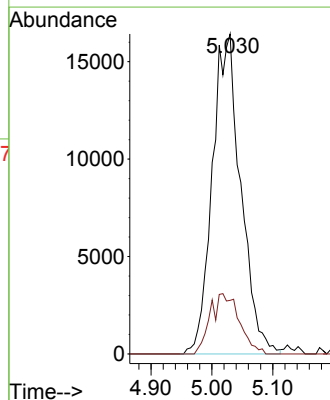
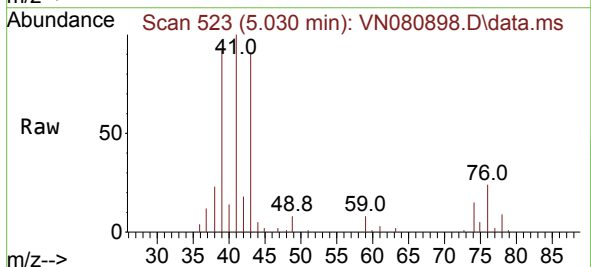
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

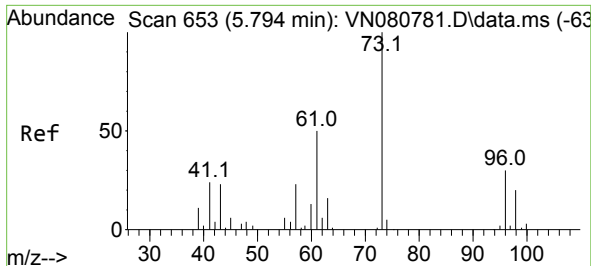
Tgt Ion: 76 Resp: 78738
Ion Ratio Lower Upper
76 100
78 8.4 6.3 9.5



#18
Methyl Acetate
Concen: 21.184 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 43 Resp: 53349
Ion Ratio Lower Upper
43 100
74 19.3 17.3 25.9

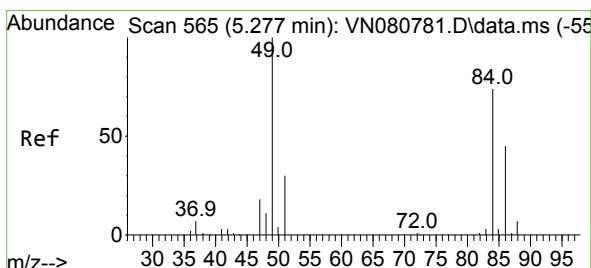
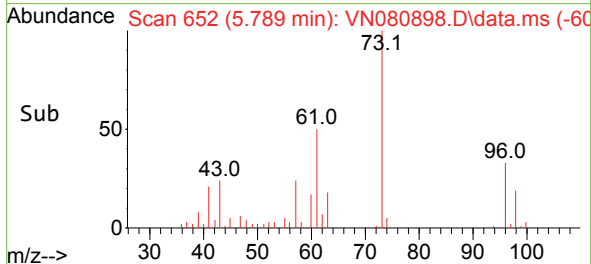
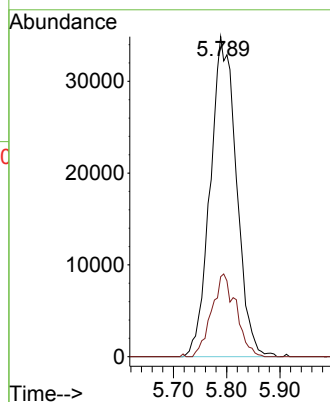
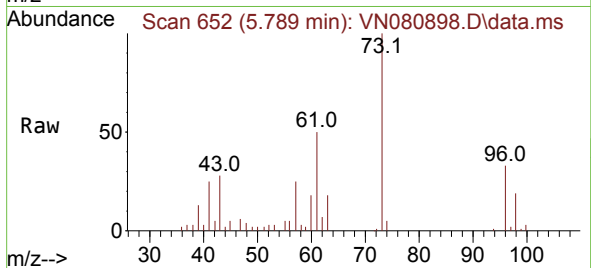




#19
Methyl tert-butyl Ether
Concen: 20.916 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

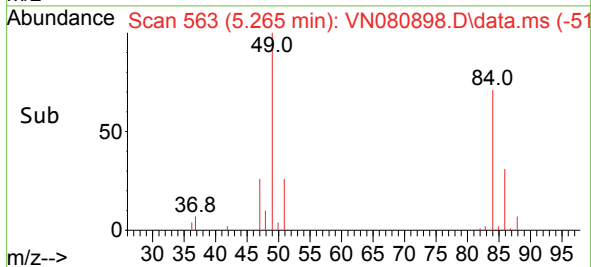
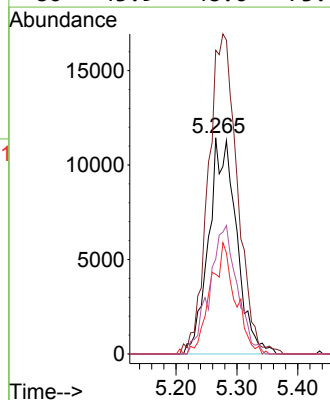
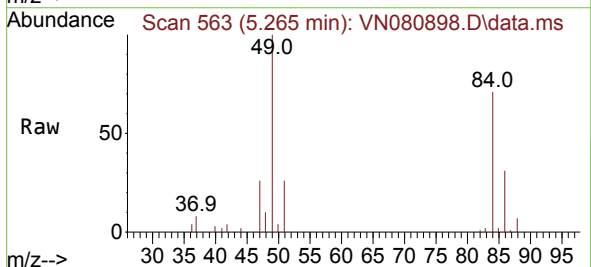
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

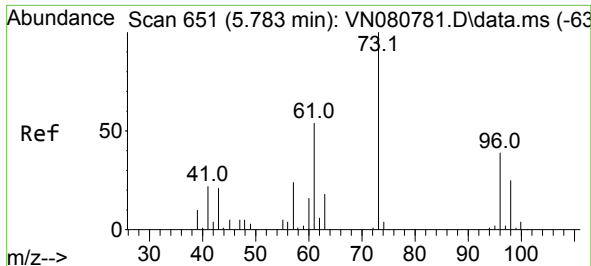
Tgt Ion: 73 Resp: 119146
Ion Ratio Lower Upper
73 100
57 25.0 18.2 27.4



#20
Methylene Chloride
Concen: 19.140 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 84 Resp: 36307
Ion Ratio Lower Upper
84 100
49 140.5 108.1 162.1
51 36.9 32.9 49.3
86 43.9 48.6 73.0#

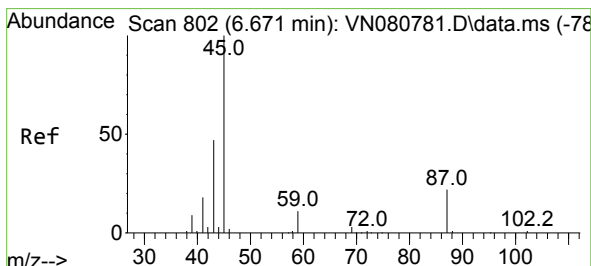
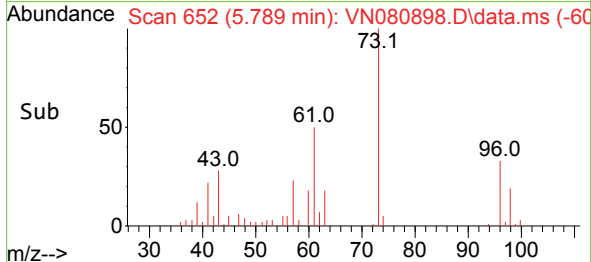
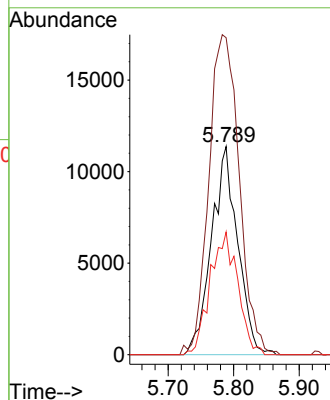
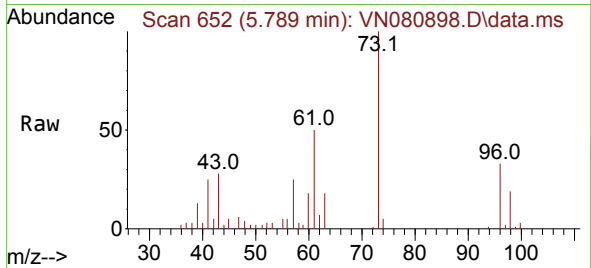




#21
trans-1,2-Dichloroethene
Concen: 17.996 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

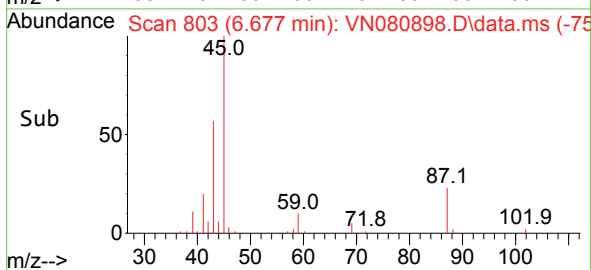
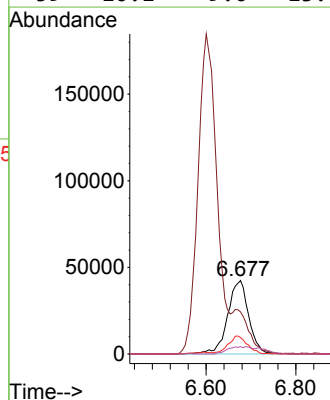
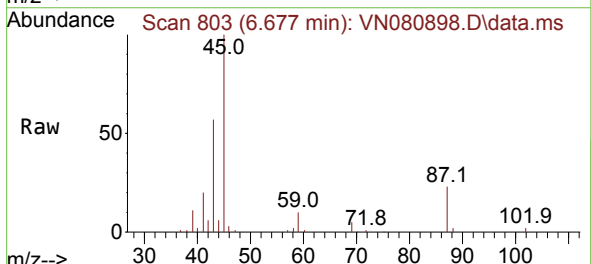
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

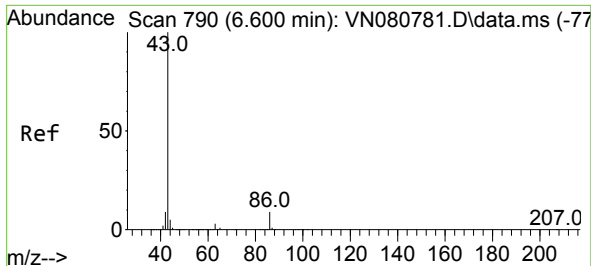
Tgt Ion: 96 Resp: 31608
Ion Ratio Lower Upper
96 100
61 152.2 112.8 169.2
98 59.0 51.0 76.4



#22
Diisopropyl ether
Concen: 19.557 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 45 Resp: 137886
Ion Ratio Lower Upper
45 100
43 56.1 41.8 62.8
87 22.5 18.1 27.1
59 10.1 9.0 13.6

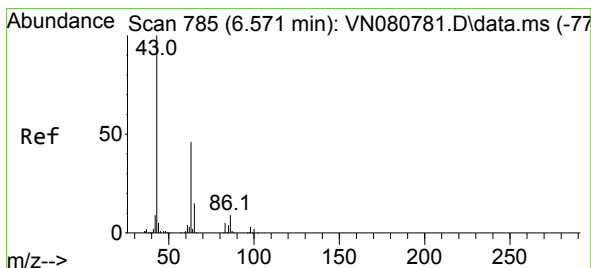
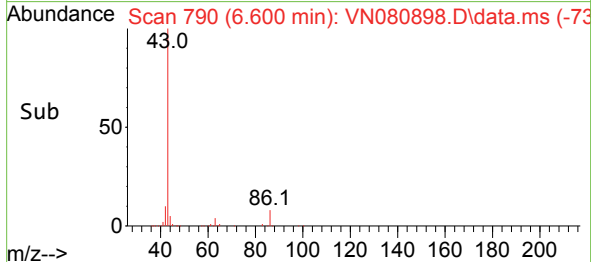
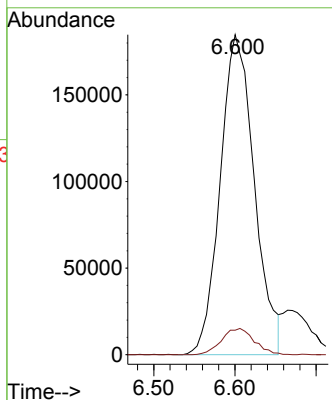
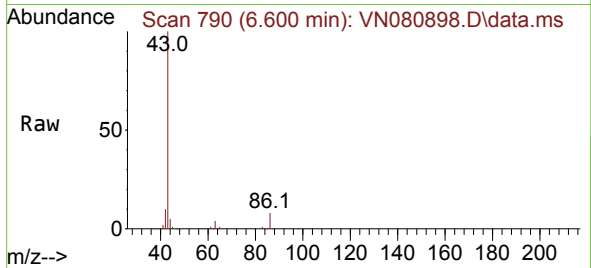




#23
 Vinyl Acetate
 Concen: 105.763 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080898.D
 Acq: 05 Feb 2024 15:50

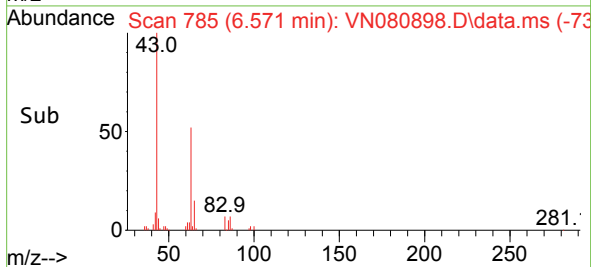
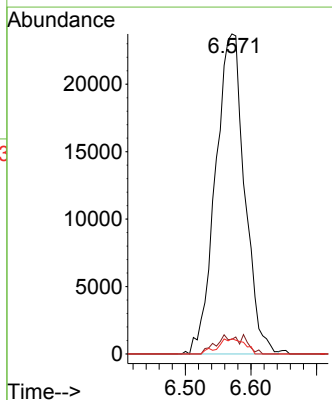
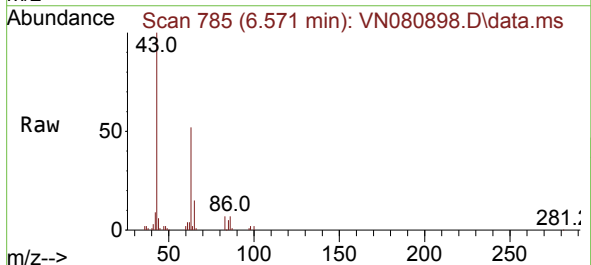
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBSD01

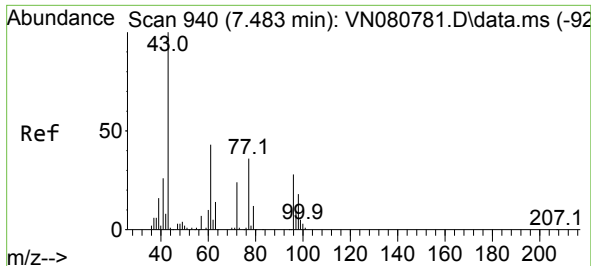
Tgt Ion: 43 Resp: 539543
 Ion Ratio Lower Upper
 43 100
 86 7.7 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 20.464 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080898.D
 Acq: 05 Feb 2024 15:50

Tgt Ion: 63 Resp: 73174
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.9 8.6
 100 4.7 1.9 5.7

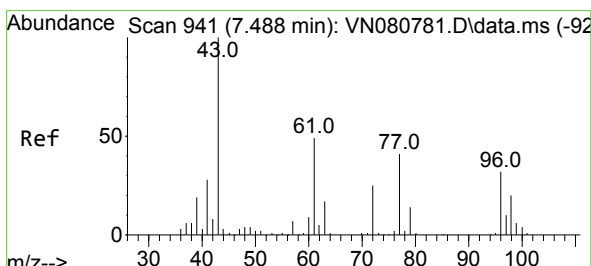
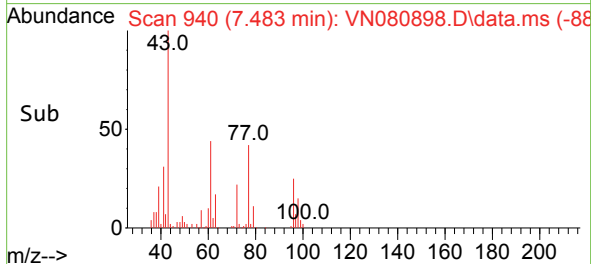
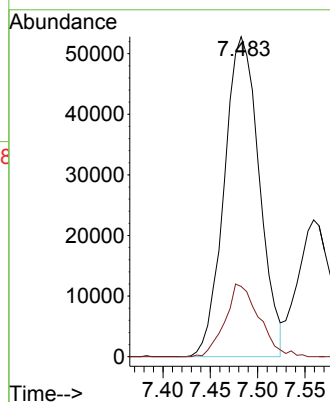
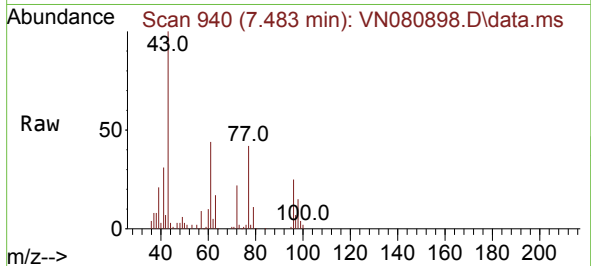




#25
2-Butanone
Concen: 99.465 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

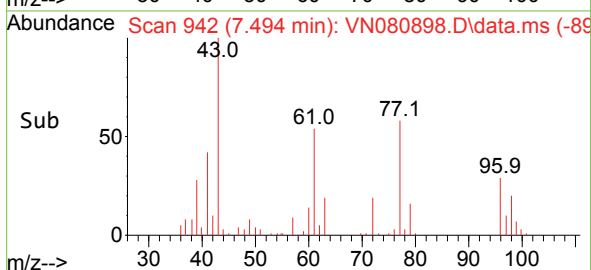
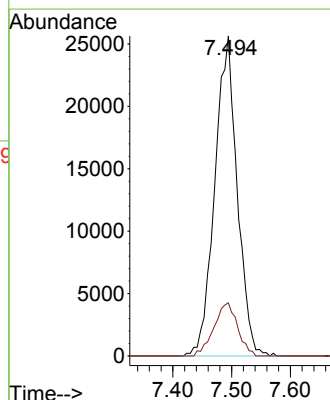
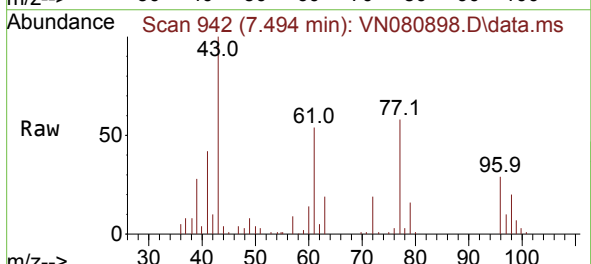
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

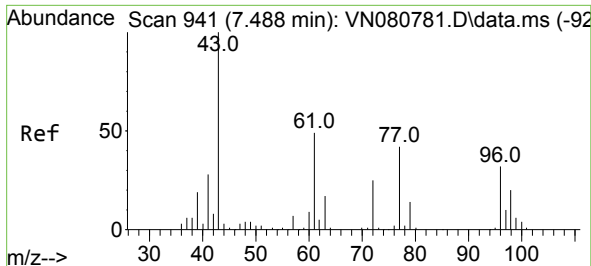
Tgt Ion: 43 Resp: 136520
Ion Ratio Lower Upper
43 100
72 22.0 19.5 29.3



#26
2,2-Dichloropropane
Concen: 23.516 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 77 Resp: 67963
Ion Ratio Lower Upper
77 100
97 17.4 11.5 34.5

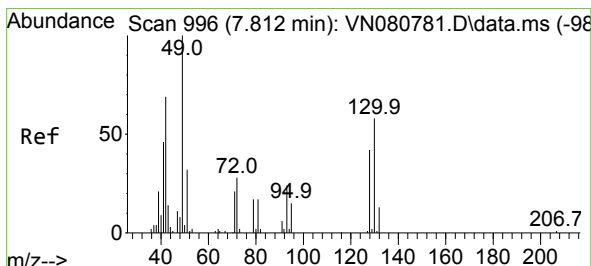
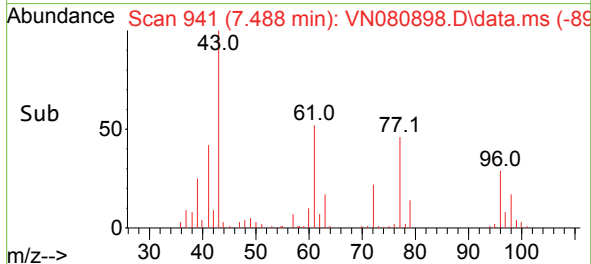
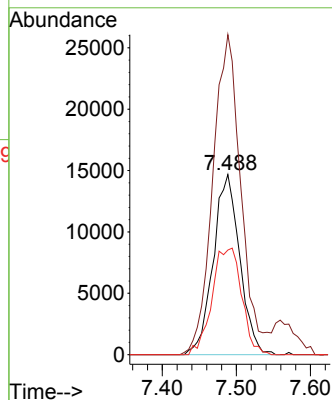
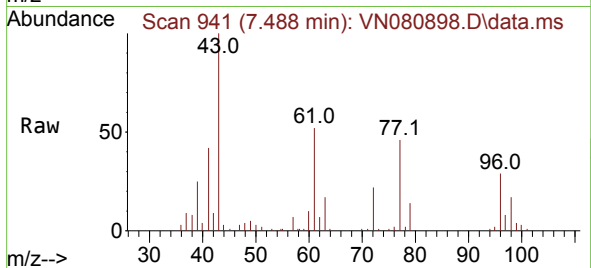




#27
 cis-1,2-Dichloroethene
 Concen: 17.915 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080898.D
 Acq: 05 Feb 2024 15:50

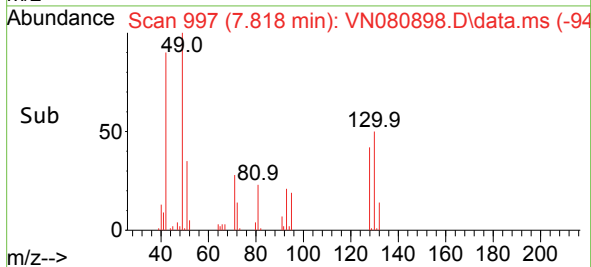
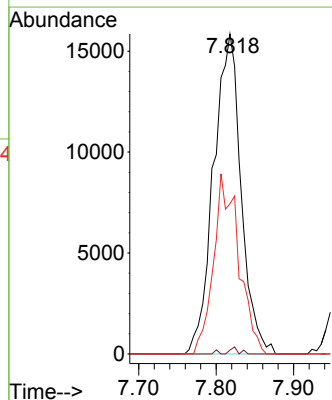
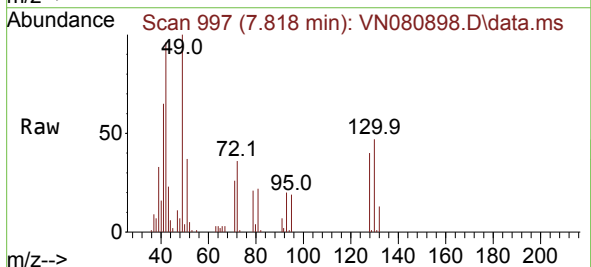
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBSD01

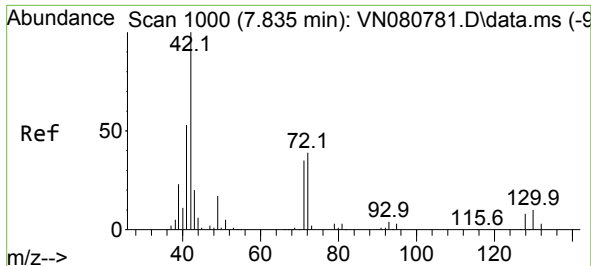
Tgt Ion: 96 Resp: 36423
 Ion Ratio Lower Upper
 96 100
 61 186.3 0.0 325.4
 98 66.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 20.705 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080898.D
 Acq: 05 Feb 2024 15:50

Tgt Ion: 49 Resp: 39197
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 1.6
 130 0.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 93.911 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01

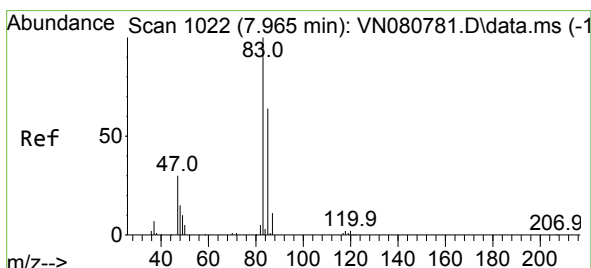
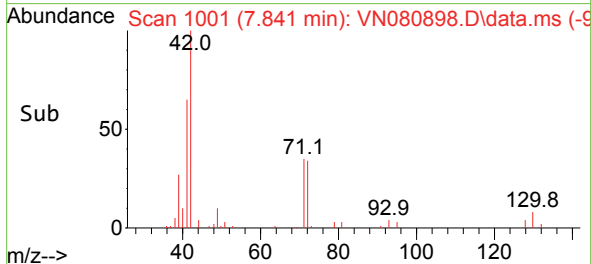
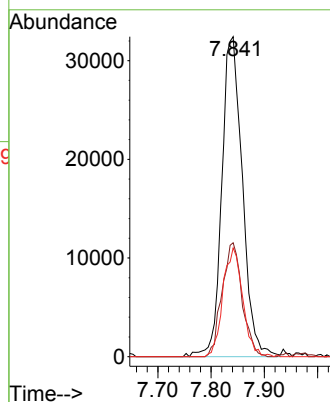
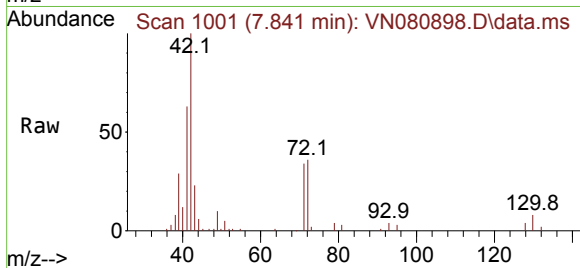
Tgt Ion: 42 Resp: 87219

Ion Ratio Lower Upper

42 100

72 34.8 31.1 46.7

71 32.7 28.3 42.5



#30

Chloroform

Concen: 21.486 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080898.D

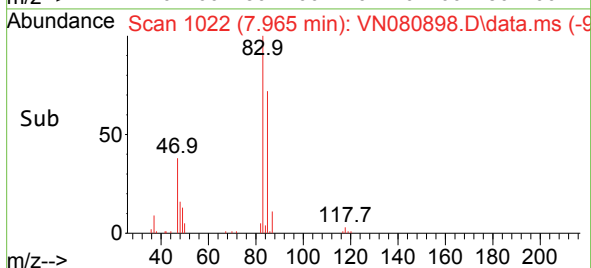
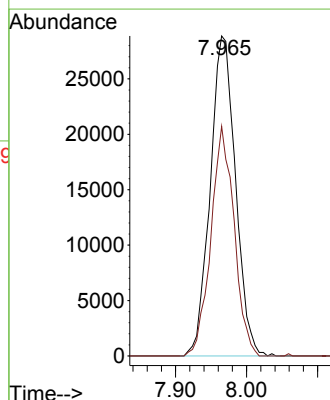
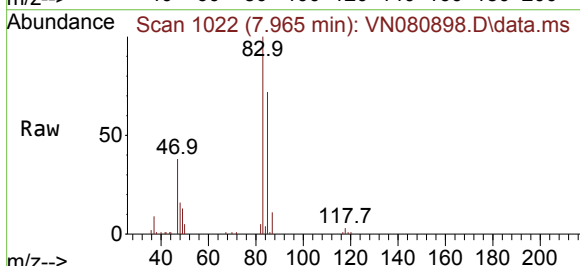
Acq: 05 Feb 2024 15:50

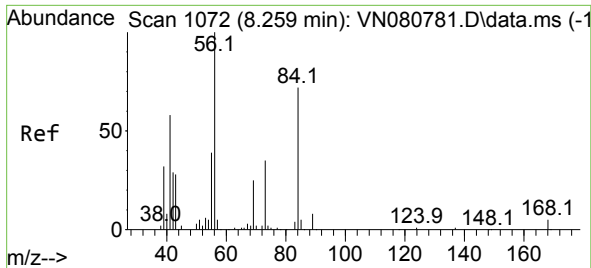
Tgt Ion: 83 Resp: 71375

Ion Ratio Lower Upper

83 100

85 71.7 51.0 76.6

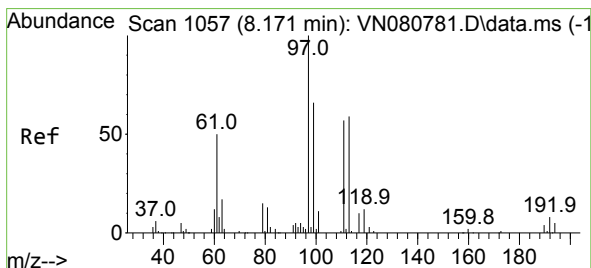
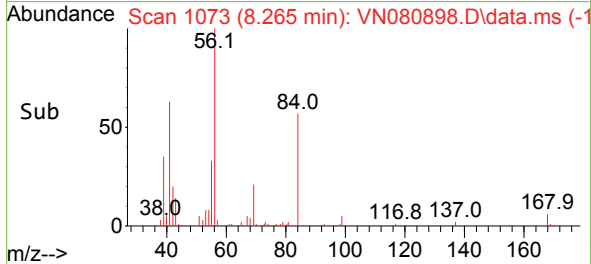
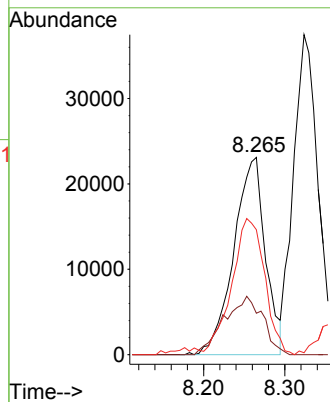
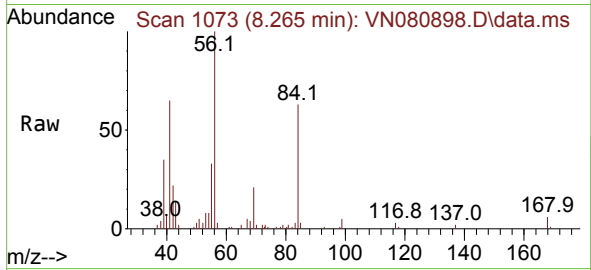




#31
Cyclohexane
Concen: 18.277 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

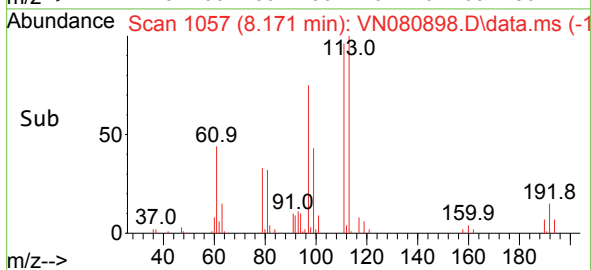
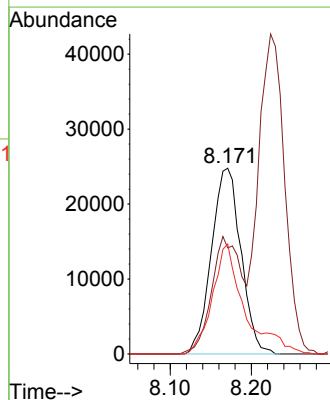
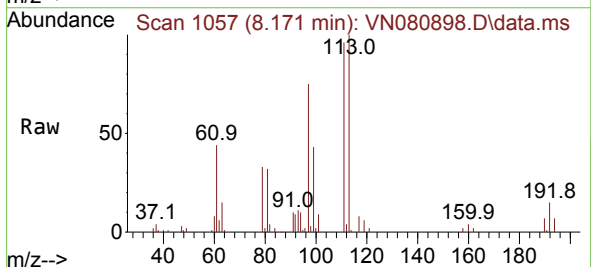
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

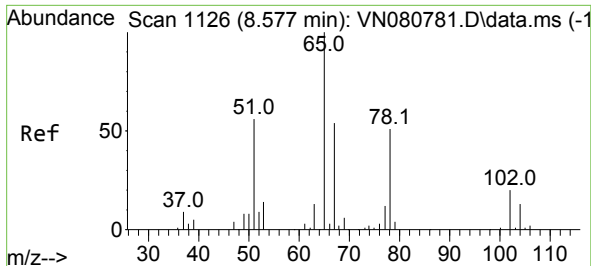
Tgt Ion: 56 Resp: 62445
Ion Ratio Lower Upper
56 100
69 21.0 20.1 30.1
84 61.2 56.9 85.3



#32
1,1,1-Trichloroethane
Concen: 23.225 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 97 Resp: 62564
Ion Ratio Lower Upper
97 100
99 64.0 53.4 80.0
61 64.7 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 65.530 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

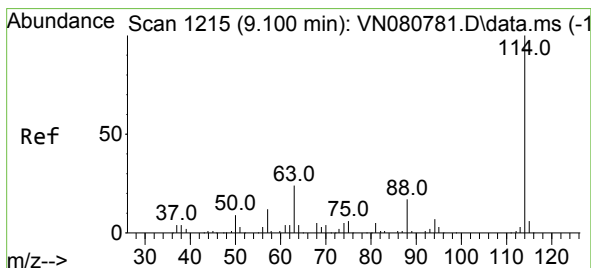
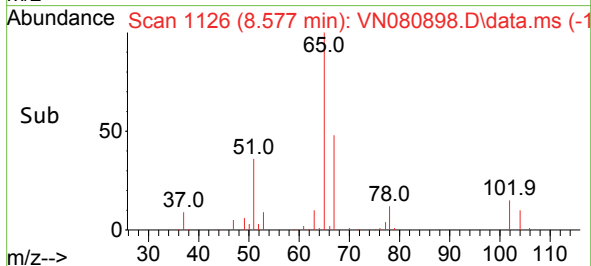
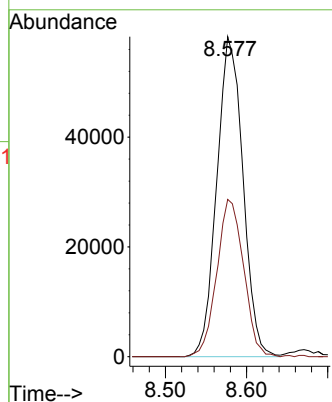
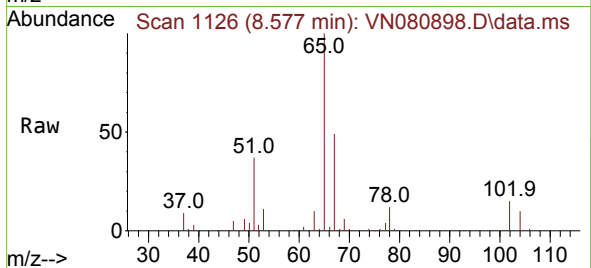
VN0205WBSD01

Tgt Ion: 65 Resp: 130567

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

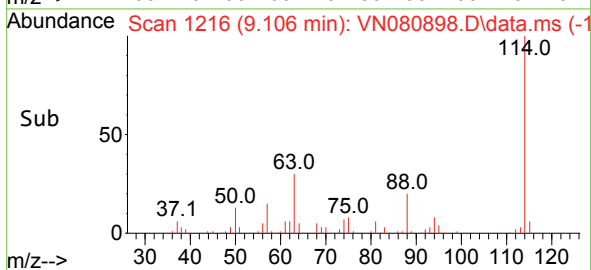
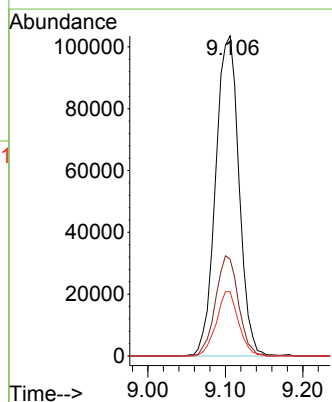
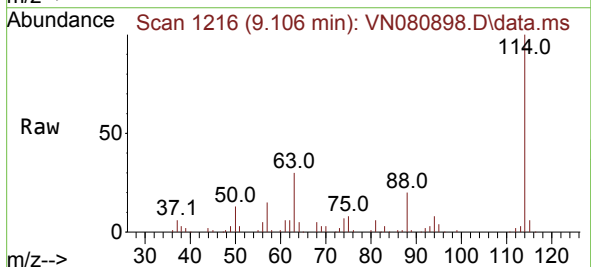
Tgt Ion: 114 Resp: 216940

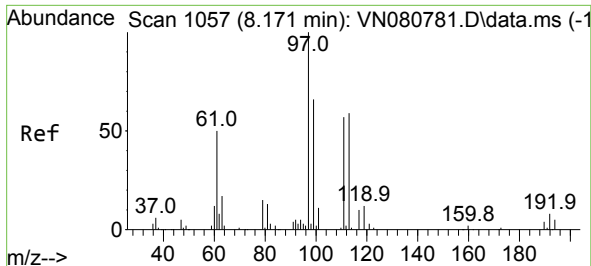
Ion Ratio Lower Upper

114 100

63 30.2 0.0 48.0

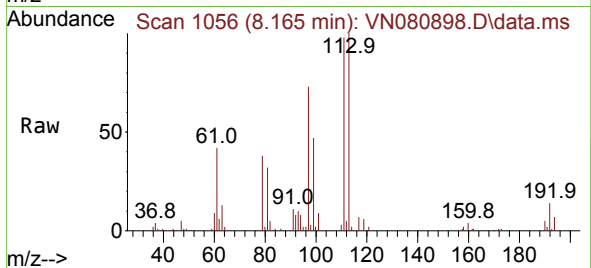
88 20.0 0.0 34.8



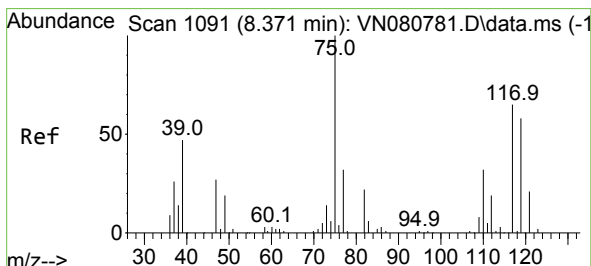
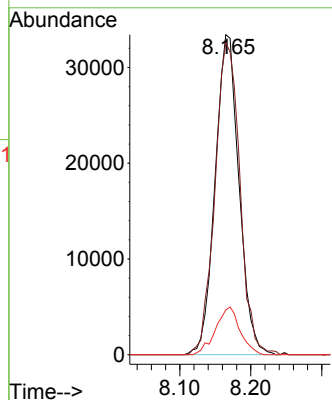
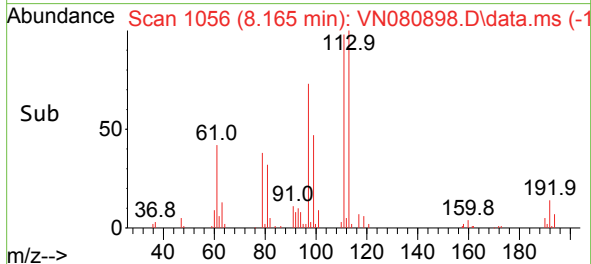


#35
Dibromofluoromethane
Concen: 58.714 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

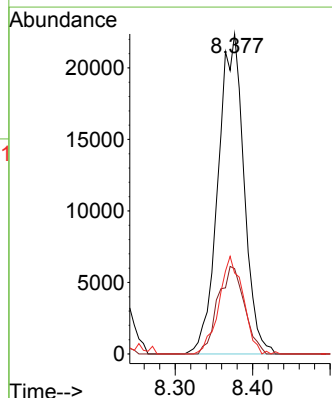
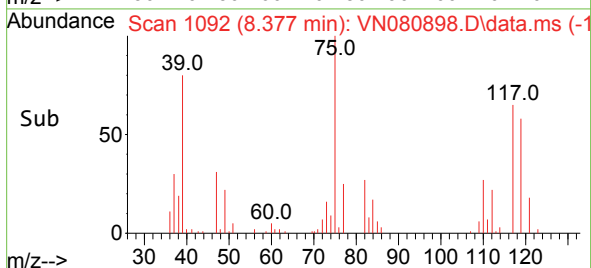
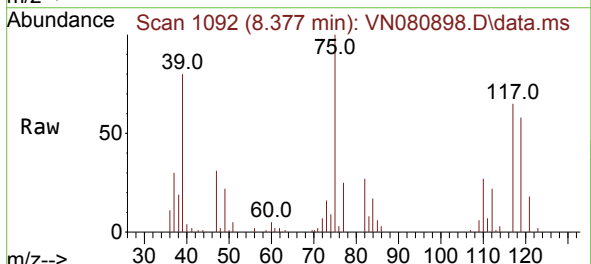


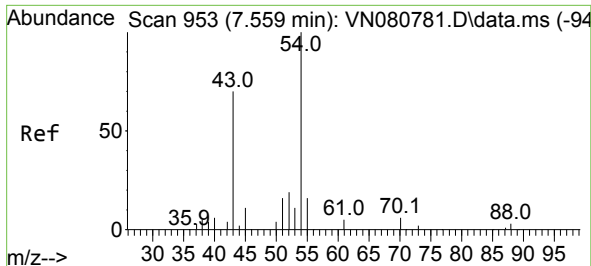
Tgt Ion:113 Resp: 77928
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 15.2 12.5 18.7



#36
1,1-Dichloropropene
Concen: 21.064 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 75 Resp: 51963
Ion Ratio Lower Upper
75 100
110 28.1 16.0 48.0
77 28.5 25.8 38.6

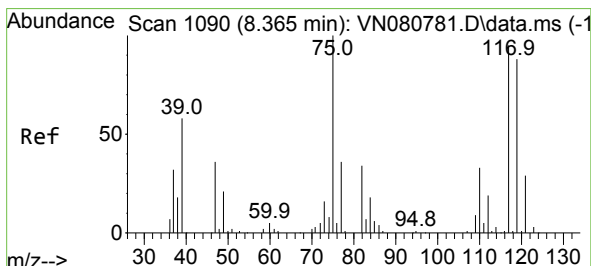
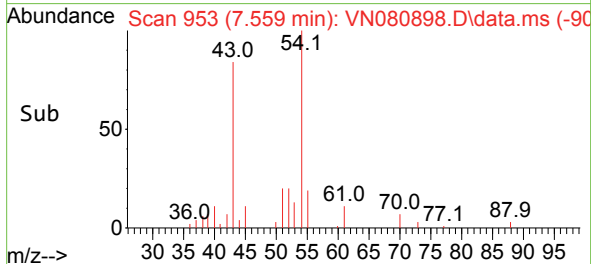
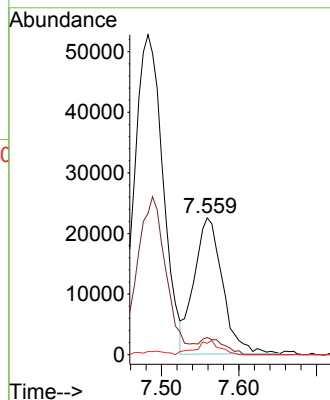
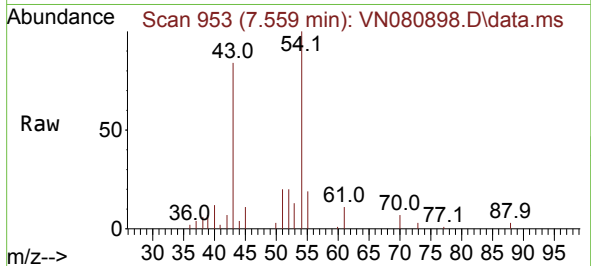




#37
Ethyl Acetate
Concen: 22.580 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

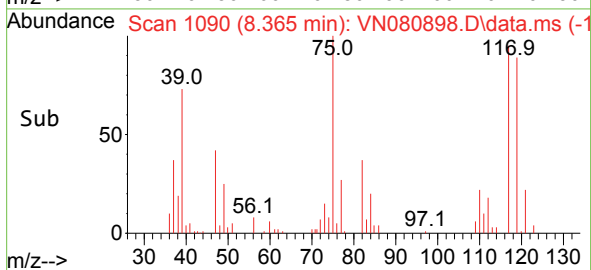
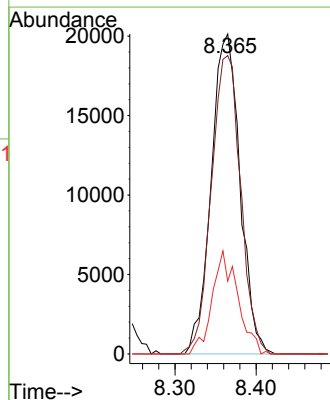
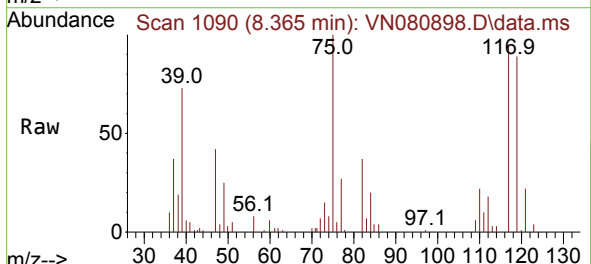
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

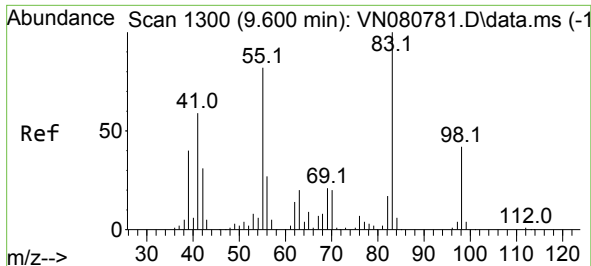
Tgt Ion: 43 Resp: 57342
Ion Ratio Lower Upper
43 100
61 9.7 10.6 15.8#
70 8.4 8.0 12.0



#38
Carbon Tetrachloride
Concen: 25.003 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 117 Resp: 49697
Ion Ratio Lower Upper
117 100
119 93.2 73.4 110.2
121 22.8 24.4 36.6#

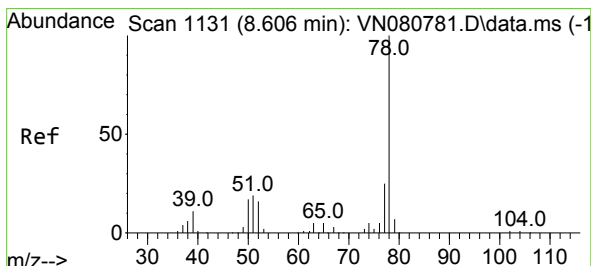
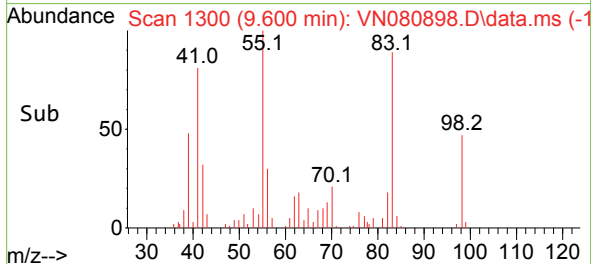
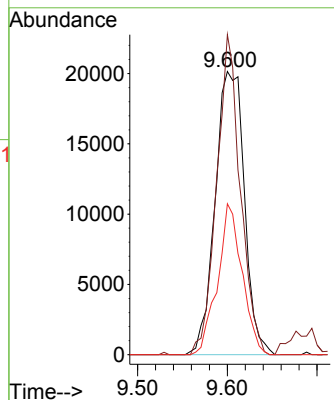
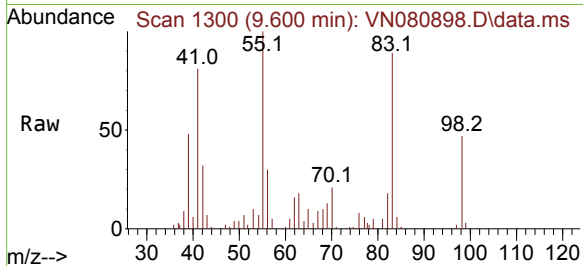




#39
Methylcyclohexane
Concen: 18.575 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

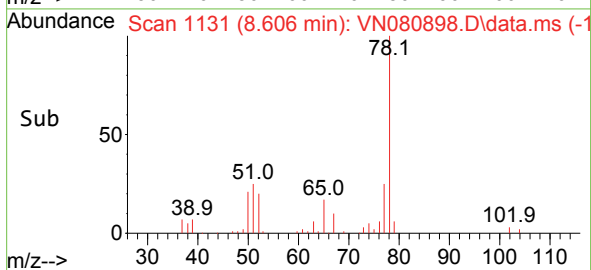
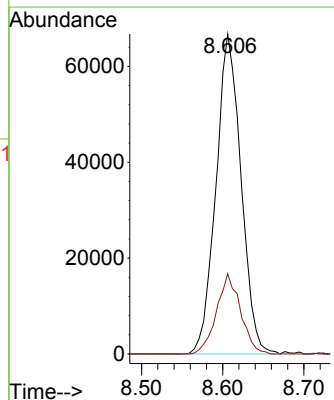
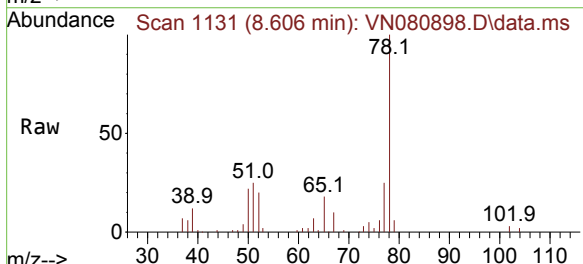
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

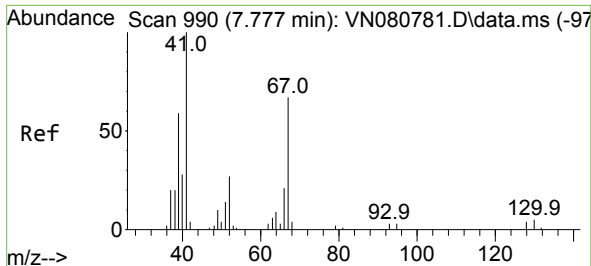
Tgt Ion: 83 Resp: 45546
Ion Ratio Lower Upper
83 100
55 113.0 65.7 98.5#
98 53.3 33.8 50.6#



#40
Benzene
Concen: 19.743 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 78 Resp: 143149
Ion Ratio Lower Upper
78 100
77 25.1 20.4 30.6

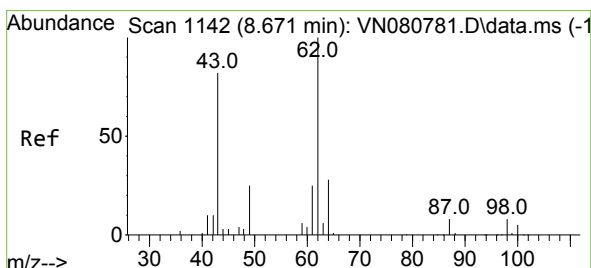
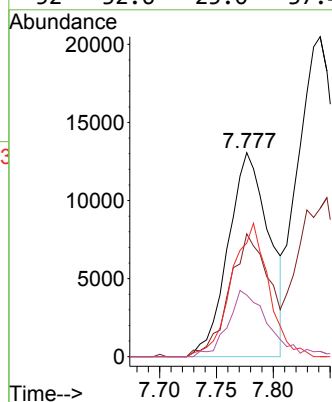
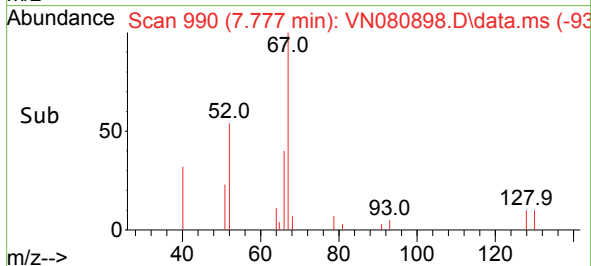
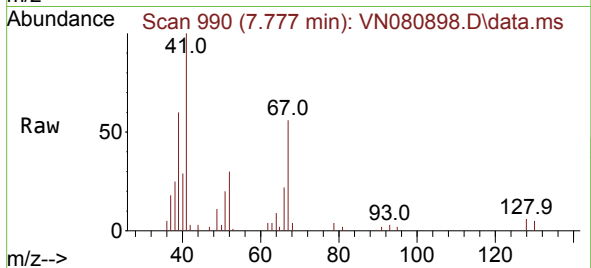




#41
Methacrylonitrile
Concen: 21.906 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

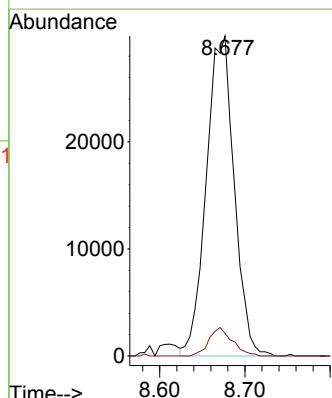
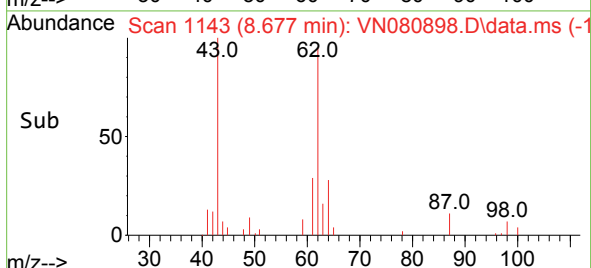
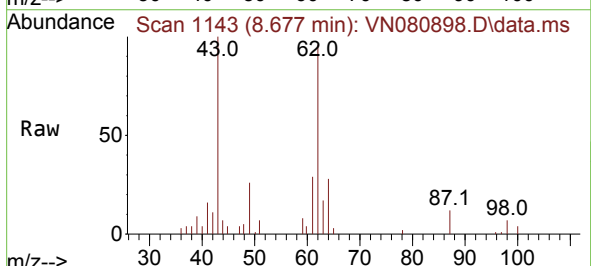
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

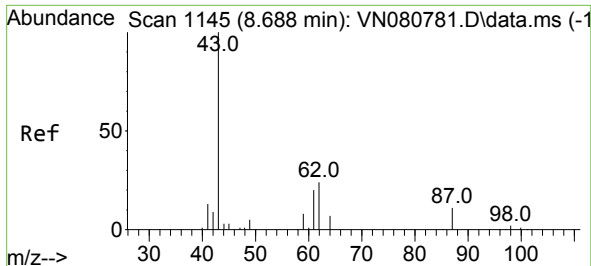
Tgt Ion: 41	Resp: 32788
Ion Ratio	Lower Upper
41 100	
39 58.5	48.4 72.6
67 59.5	56.8 85.2
52 32.6	25.0 37.4



#42
1,2-Dichloroethane
Concen: 28.831 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 62	Resp: 68103
Ion Ratio	Lower Upper
62 100	
98 7.5	0.0 18.0

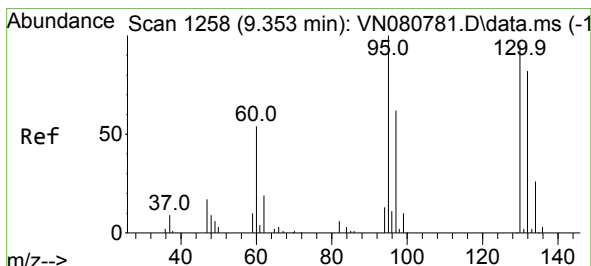
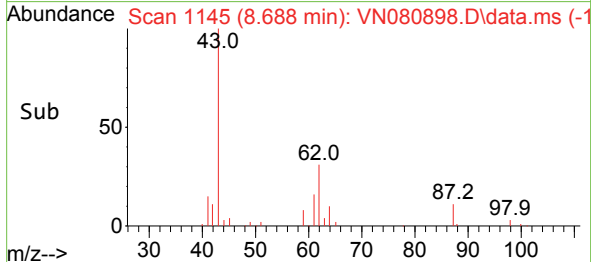
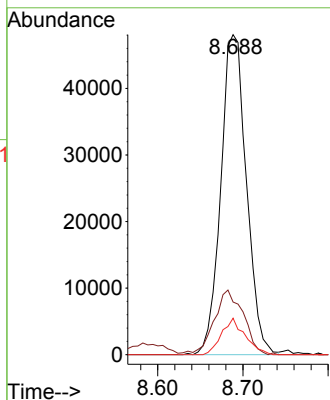
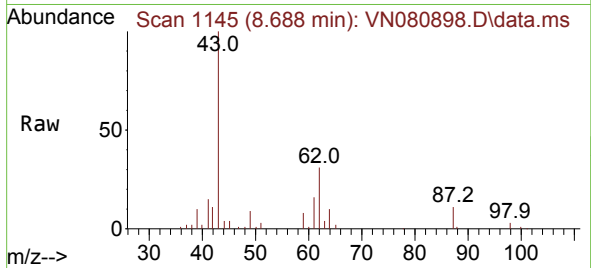




#43
Isopropyl Acetate
Concen: 21.745 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

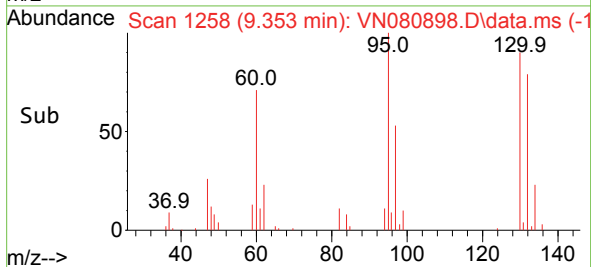
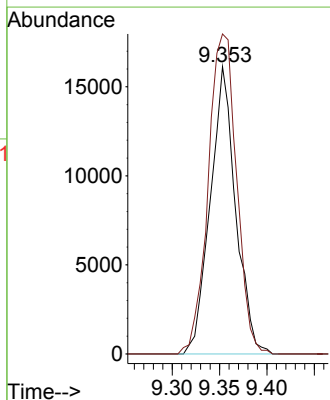
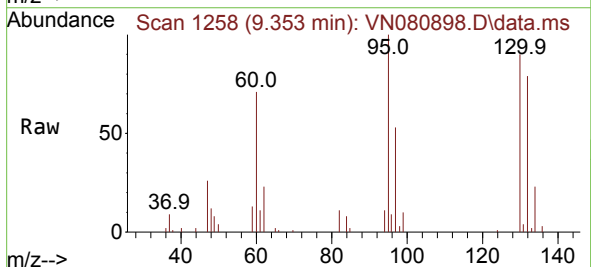
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

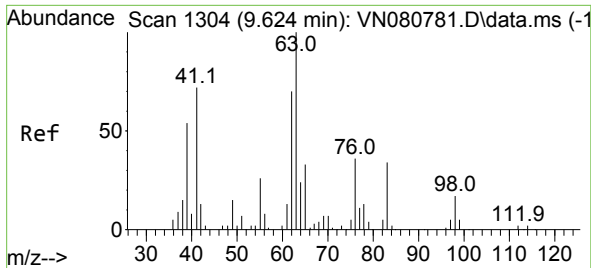
Tgt Ion: 43 Resp: 100537
Ion Ratio Lower Upper
43 100
61 23.0 19.9 29.9
87 10.4 9.0 13.6



#44
Trichloroethene
Concen: 18.875 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion:130 Resp: 30143
Ion Ratio Lower Upper
130 100
95 111.3 0.0 210.4

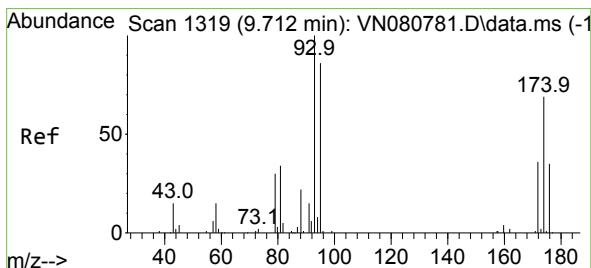
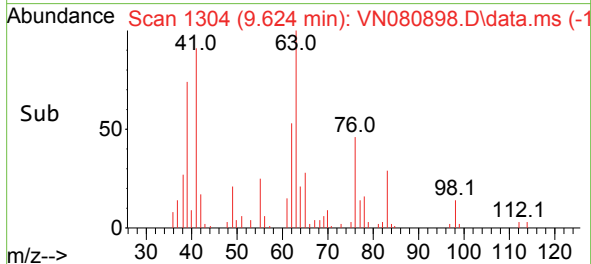
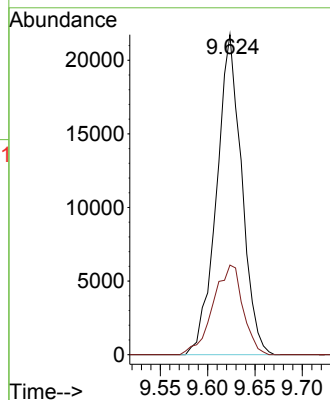
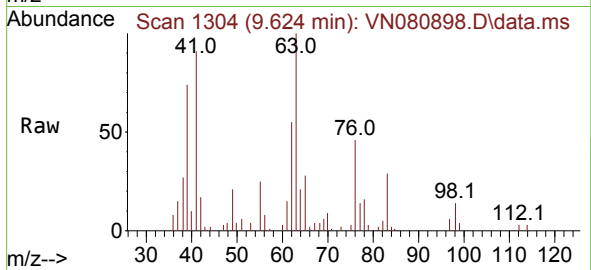




#45
1,2-Dichloropropane
Concen: 20.449 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

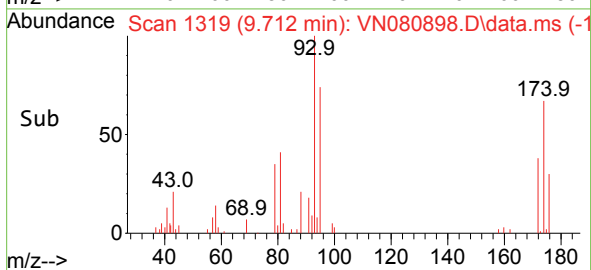
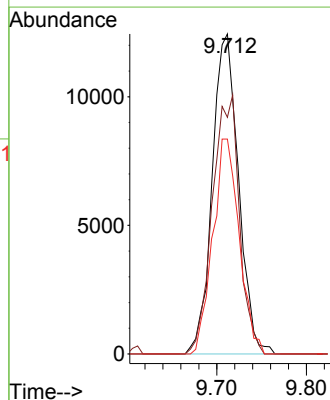
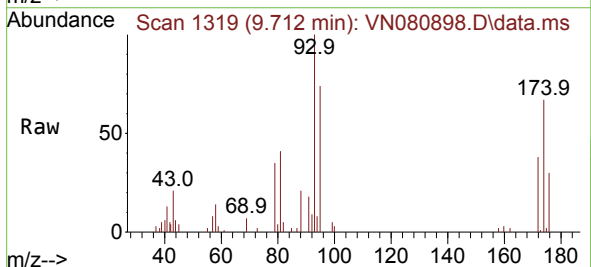
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

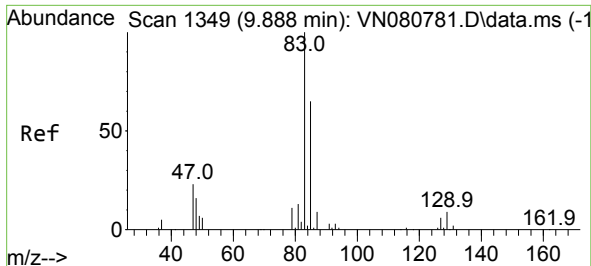
Tgt Ion: 63 Resp: 40125
Ion Ratio Lower Upper
63 100
65 28.0 26.1 39.1



#46
Dibromomethane
Concen: 21.740 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 93 Resp: 25287
Ion Ratio Lower Upper
93 100
95 82.9 68.1 102.1
174 67.6 57.2 85.8

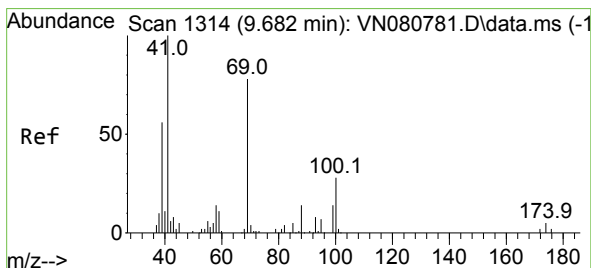
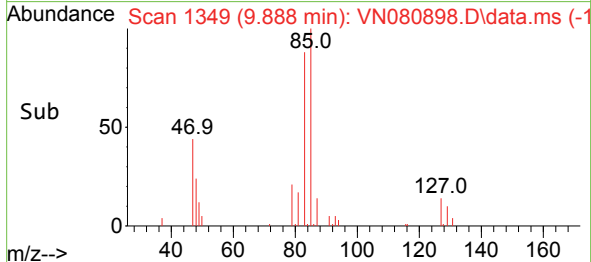
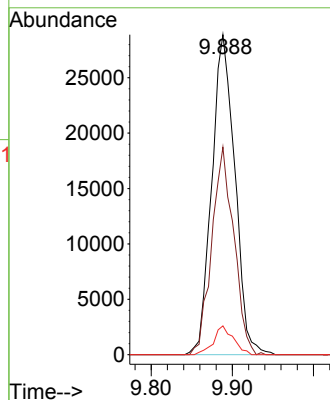
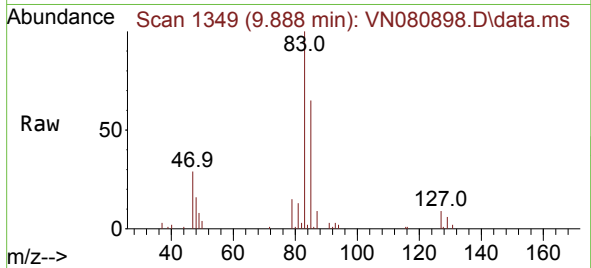




#47
Bromodichloromethane
Concen: 24.144 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

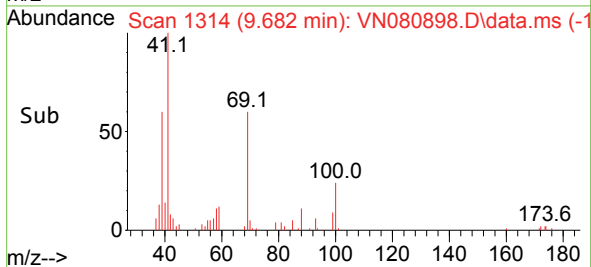
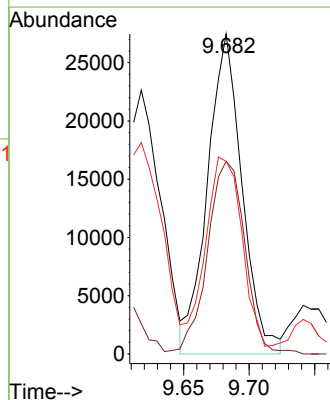
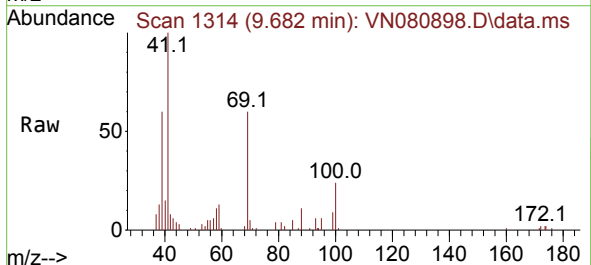
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

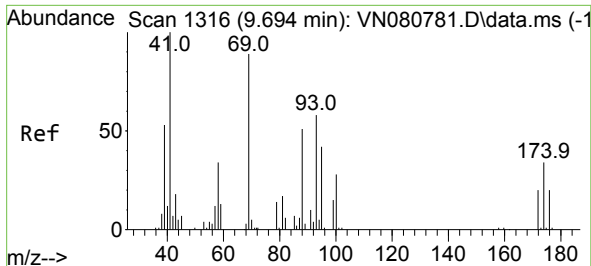
Tgt Ion: 83 Resp: 57017
Ion Ratio Lower Upper
83 100
85 64.8 52.3 78.5
127 9.0 4.6 7.0#



#48
Methyl methacrylate
Concen: 22.485 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 41 Resp: 50400
Ion Ratio Lower Upper
41 100
69 65.2 62.2 93.2
39 67.2 47.6 71.4





#49

1,4-Dioxane

Concen: 420.857 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01

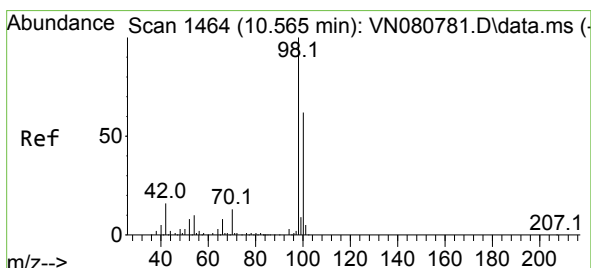
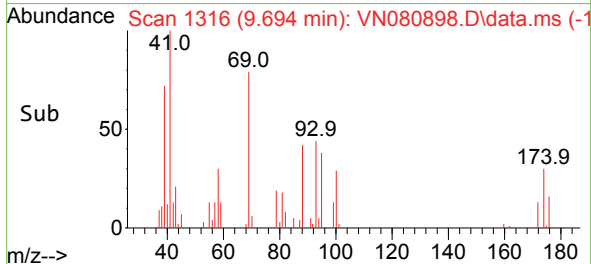
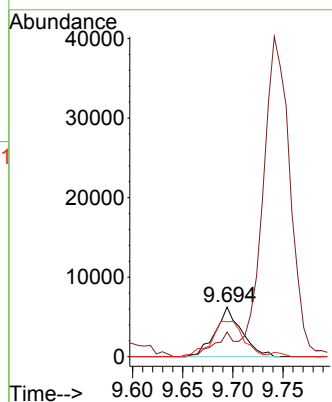
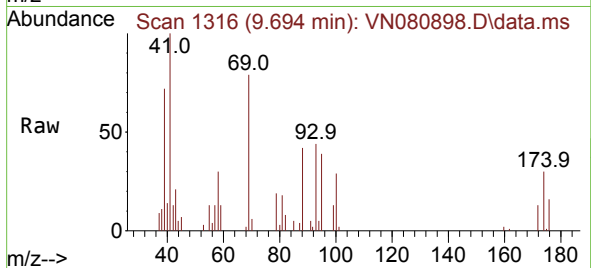
Tgt Ion: 88 Resp: 11363

Ion Ratio Lower Upper

88 100

43 35.7 30.1 45.1

58 86.9 63.9 95.9



#50

Toluene-d8

Concen: 52.158 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080898.D

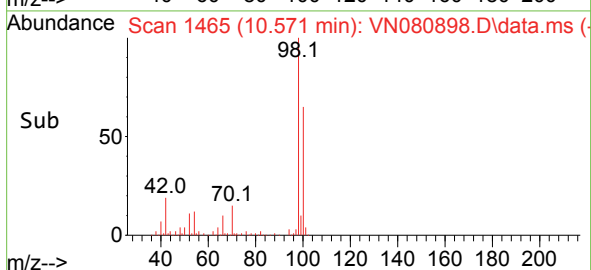
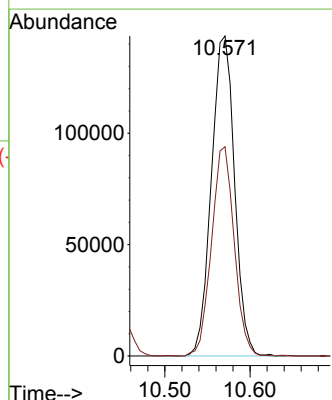
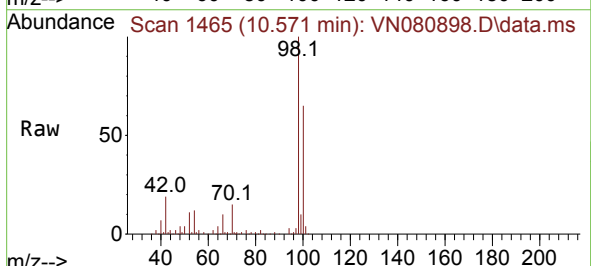
Acq: 05 Feb 2024 15:50

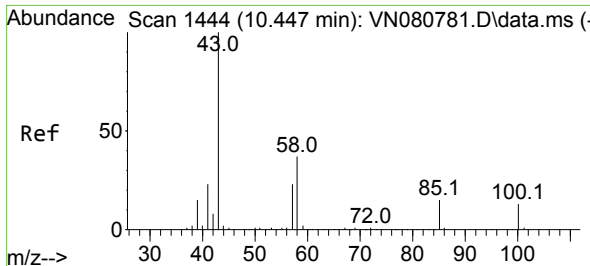
Tgt Ion: 98 Resp: 270947

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0

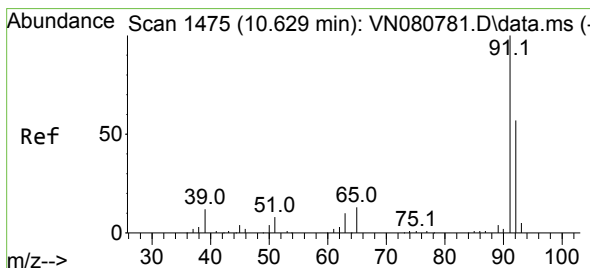
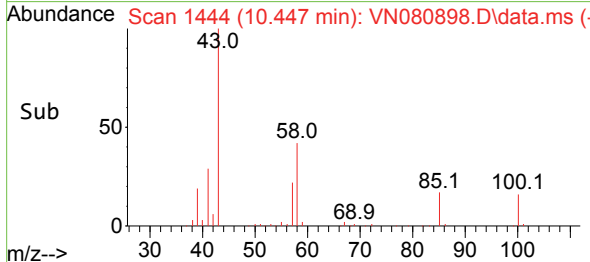
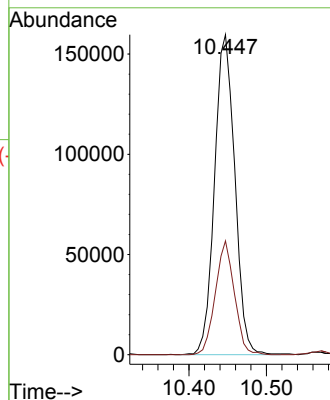
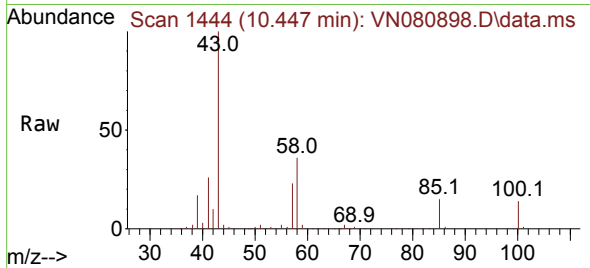




#51
4-Methyl-2-Pentanone
Concen: 112.110 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

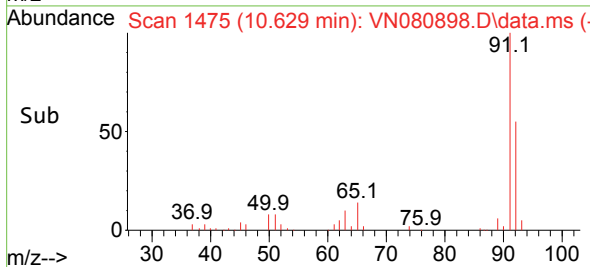
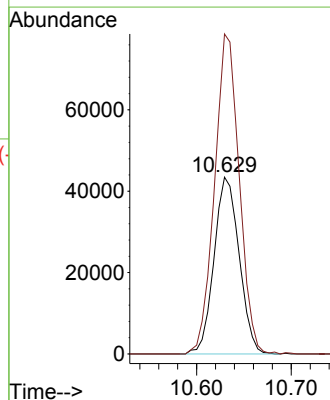
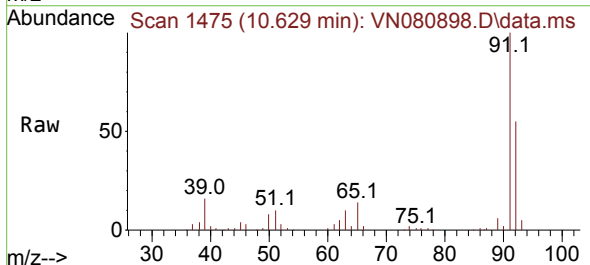
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

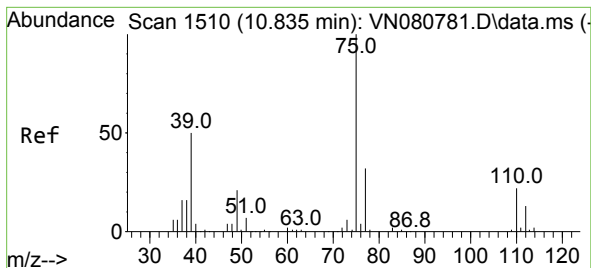
Tgt Ion: 43 Resp: 289766
Ion Ratio Lower Upper
43 100
58 33.4 29.4 44.0



#52
Toluene
Concen: 19.255 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 92 Resp: 80046
Ion Ratio Lower Upper
92 100
91 178.4 139.4 209.0

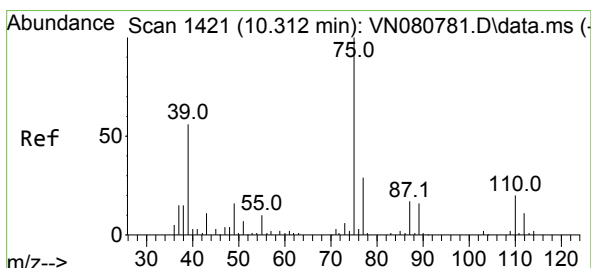
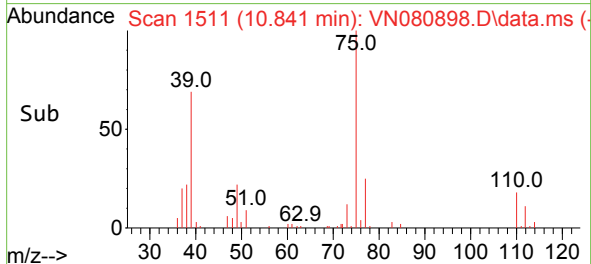
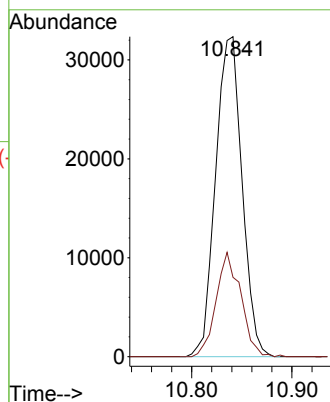
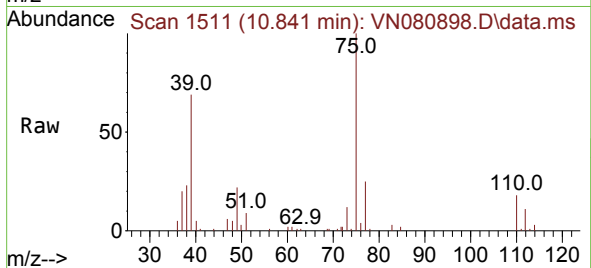




#53
 t-1,3-Dichloropropene
 Concen: 21.558 ug/l
 RT: 10.841 min Scan# 1510
 Delta R.T. 0.006 min
 Lab File: VN080898.D
 Acq: 05 Feb 2024 15:50

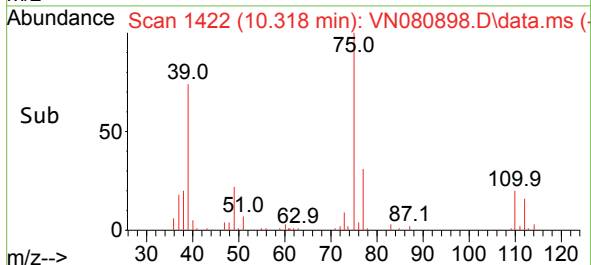
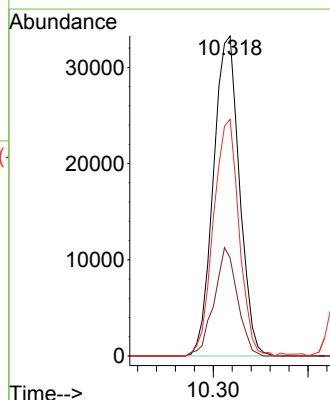
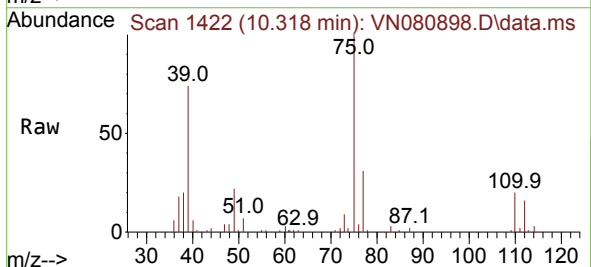
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBSD01

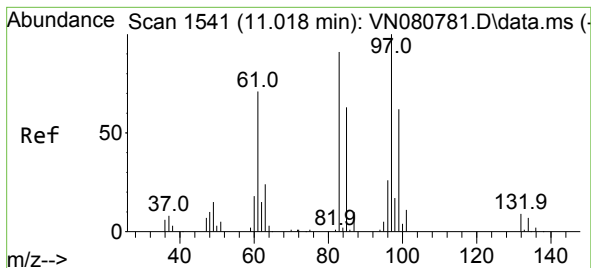
Tgt Ion: 75 Resp: 59308
 Ion Ratio Lower Upper
 75 100
 77 24.8 25.5 38.3#



#54
 cis-1,3-Dichloropropene
 Concen: 21.191 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN080898.D
 Acq: 05 Feb 2024 15:50

Tgt Ion: 75 Resp: 63396
 Ion Ratio Lower Upper
 75 100
 77 30.6 23.3 34.9
 39 74.0 44.6 66.8#





#55

1,1,2-Trichloroethane

Concen: 20.021 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01

Tgt Ion: 97 Resp: 31986

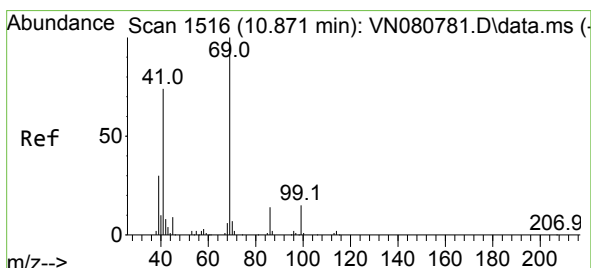
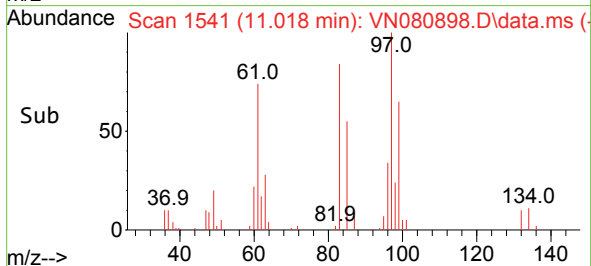
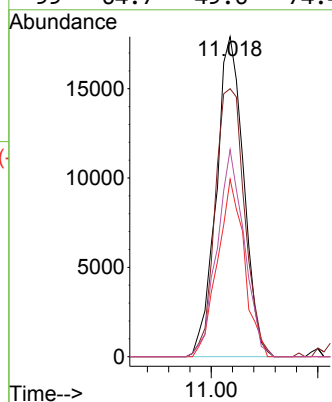
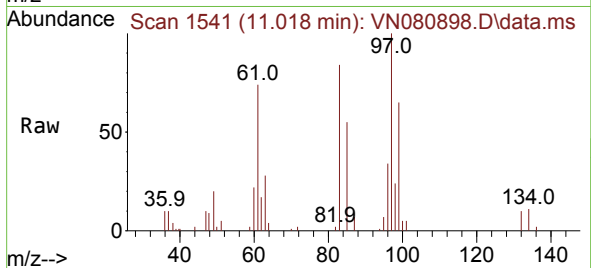
Ion Ratio Lower Upper

97 100

83 83.8 72.9 109.3

85 55.4 50.2 75.2

99 64.7 49.6 74.4



#56

Ethyl methacrylate

Concen: 21.439 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.005 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

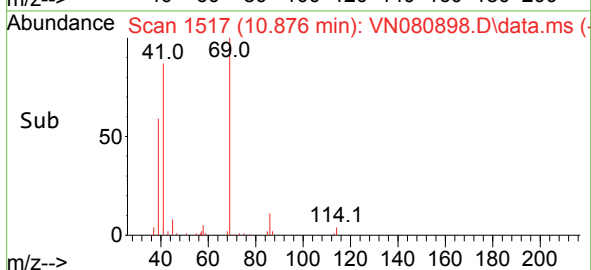
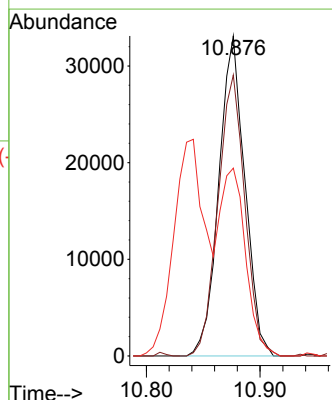
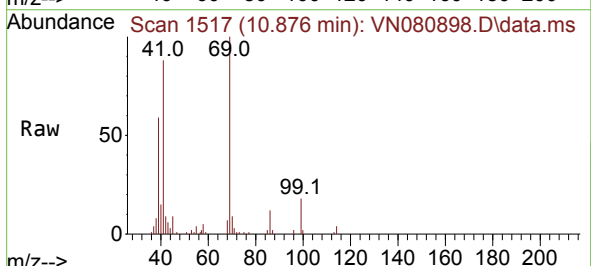
Tgt Ion: 69 Resp: 52654

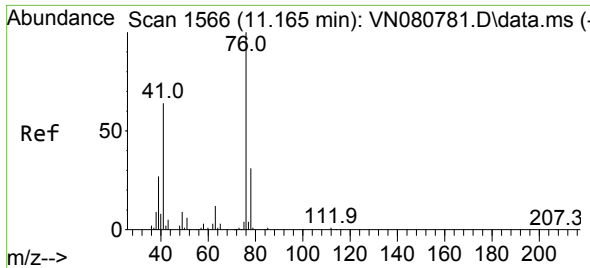
Ion Ratio Lower Upper

69 100

41 90.6 61.0 91.6

39 57.8 31.8 47.6#

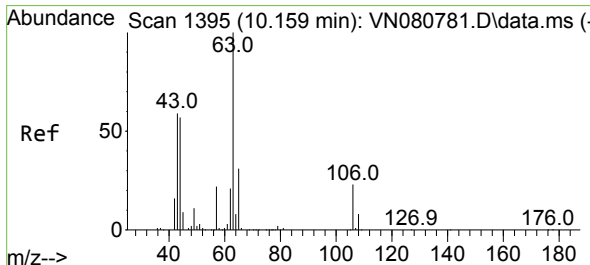
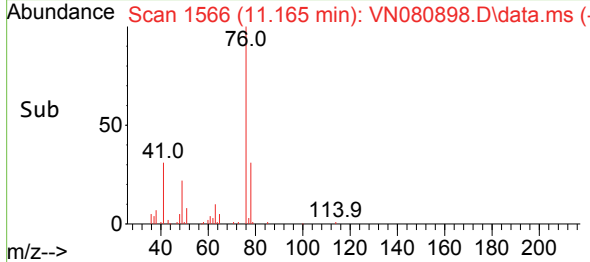
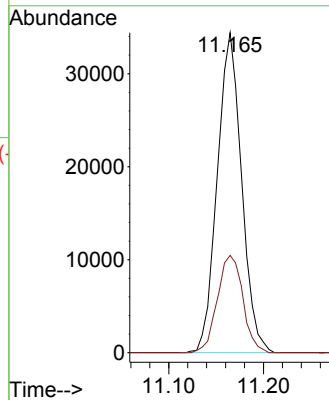
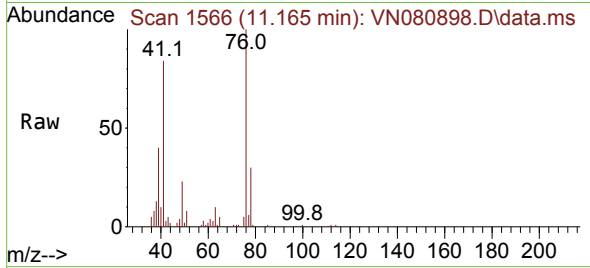




#57
1,3-Dichloropropane
Concen: 20.404 ug/l
RT: 11.165 min Scan# 1116
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

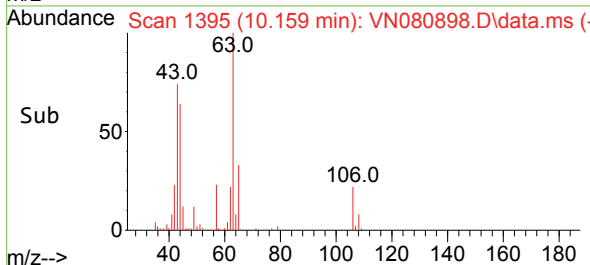
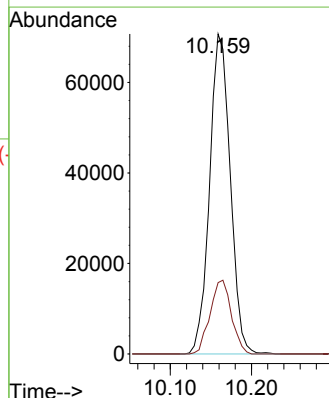
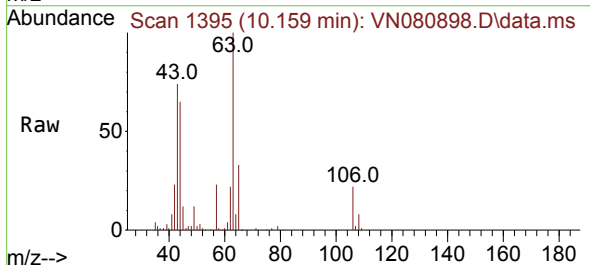
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

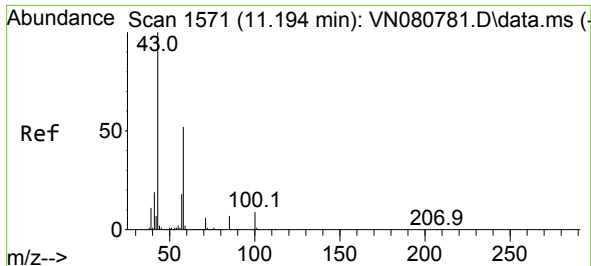
Tgt Ion: 76 Resp: 61350
Ion Ratio Lower Upper
76 100
78 31.8 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 87.279 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 63 Resp: 124962
Ion Ratio Lower Upper
63 100
106 23.8 18.6 28.0

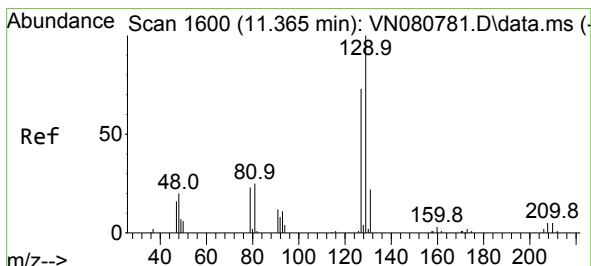
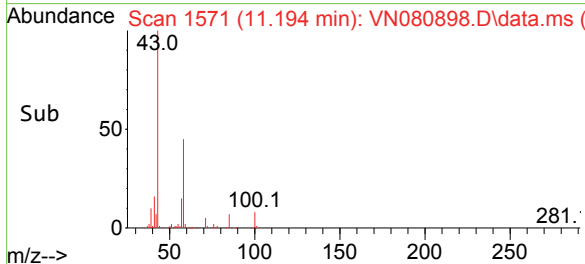
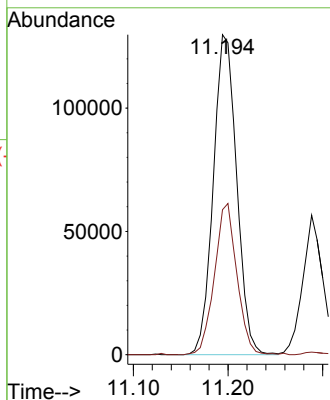
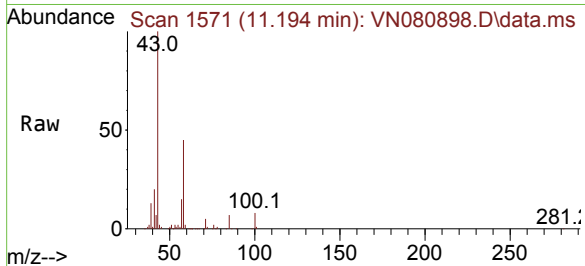




#59
2-Hexanone
Concen: 110.995 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

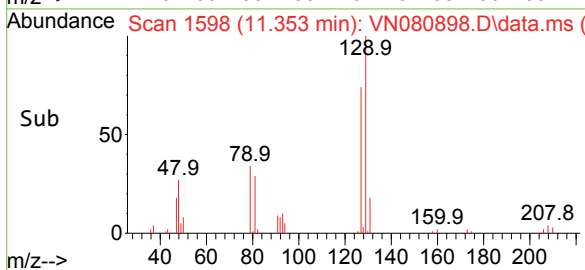
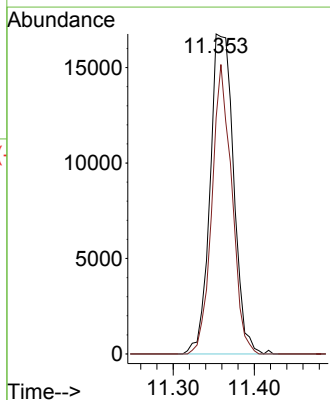
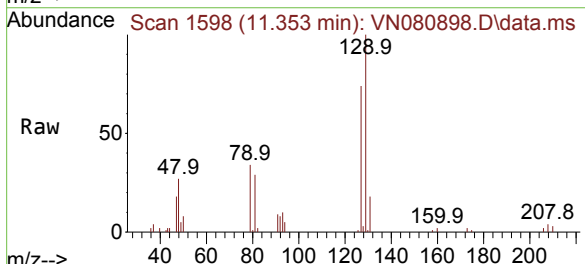
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

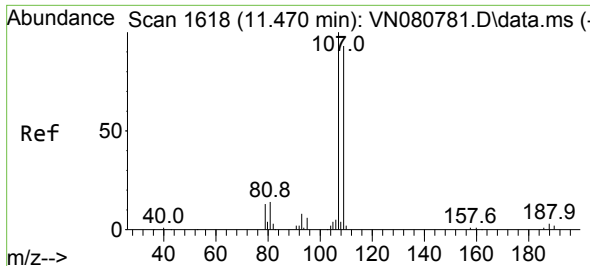
Tgt Ion: 43 Resp: 222843
Ion Ratio Lower Upper
43 100
58 45.4 25.9 77.8



#60
Dibromochloromethane
Concen: 22.770 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.012 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 129 Resp: 33837
Ion Ratio Lower Upper
129 100
127 76.0 39.4 118.2

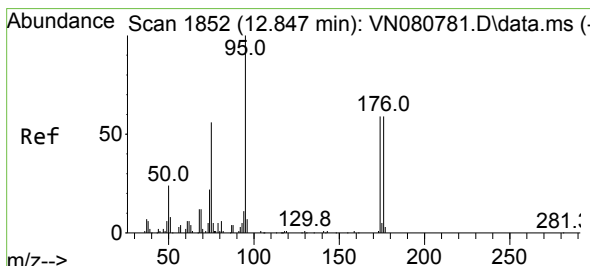
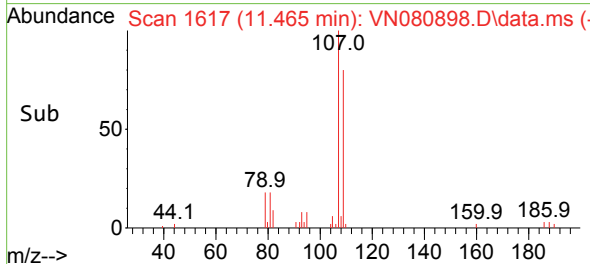
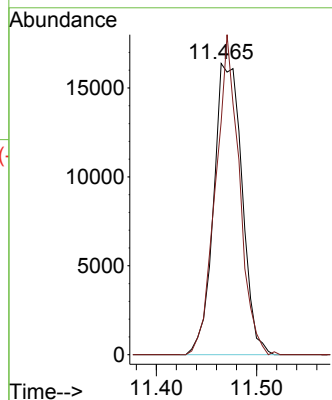
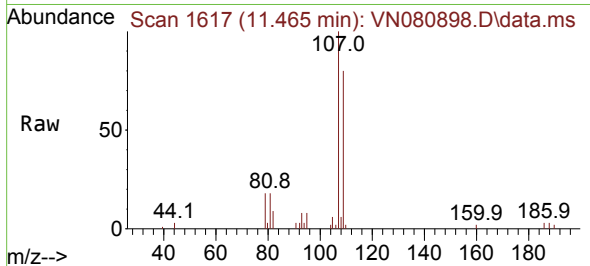




#61
1,2-Dibromoethane
Concen: 21.502 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

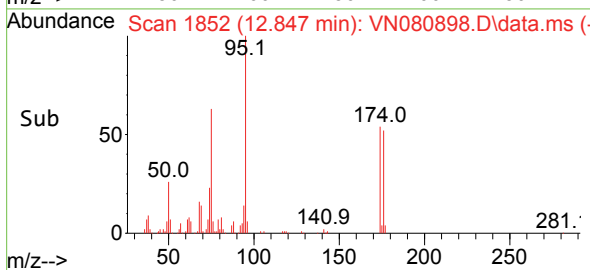
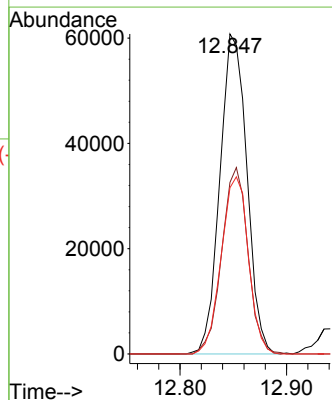
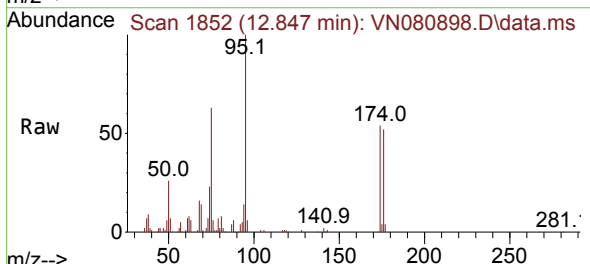
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

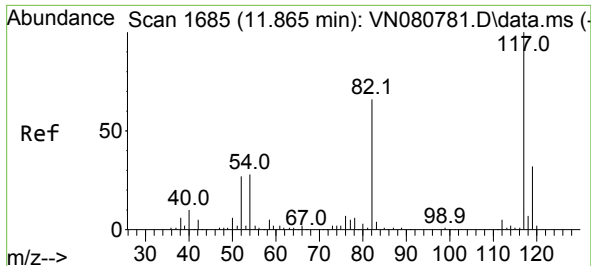
Tgt Ion:107 Resp: 32195
Ion Ratio Lower Upper
107 100
109 91.9 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 59.040 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 95 Resp: 106876
Ion Ratio Lower Upper
95 100
174 56.6 0.0 120.4
176 55.6 0.0 121.0

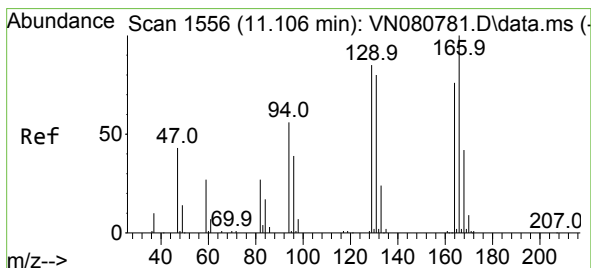
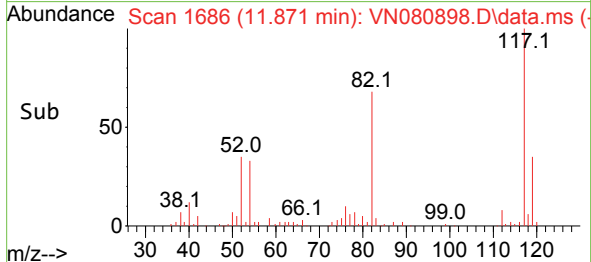
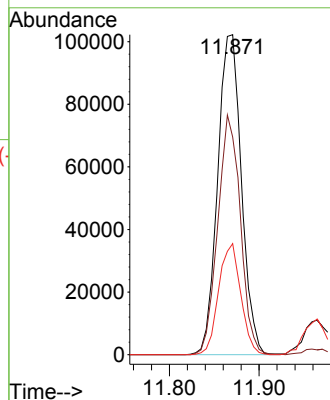
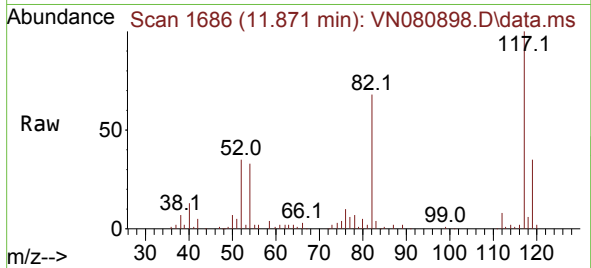




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

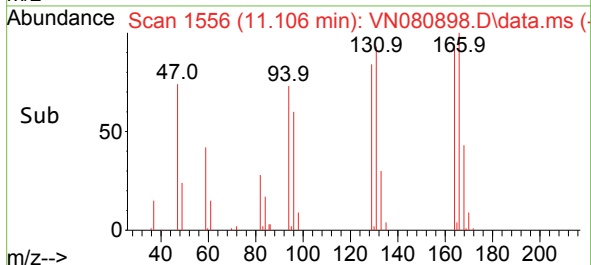
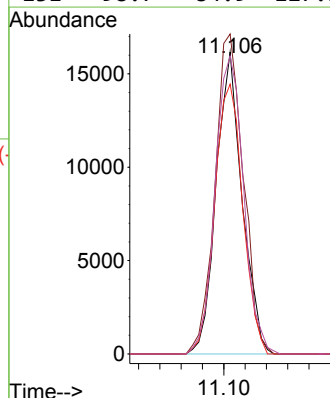
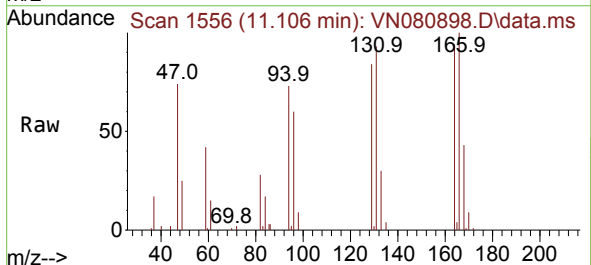
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

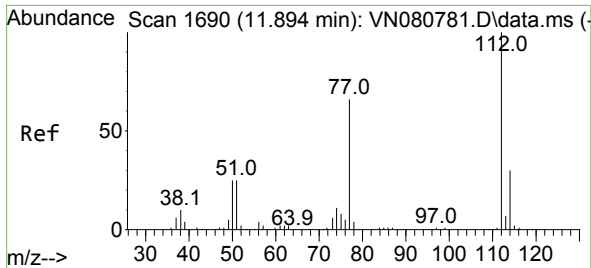
Tgt Ion:117 Resp: 188119
Ion Ratio Lower Upper
117 100
82 68.0 52.7 79.1
119 34.7 25.3 37.9



#64
Tetrachloroethene
Concen: 22.049 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion:164 Resp: 27263
Ion Ratio Lower Upper
164 100
166 106.0 105.8 158.6
129 89.4 89.6 134.4#
131 98.7 84.9 127.3

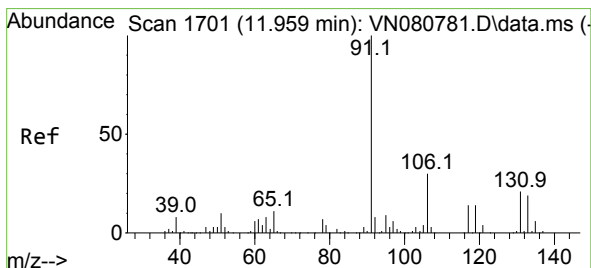
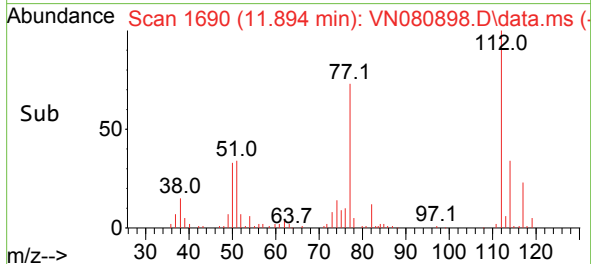
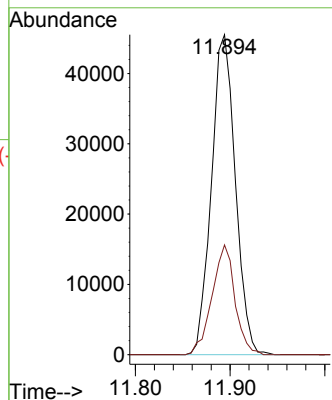
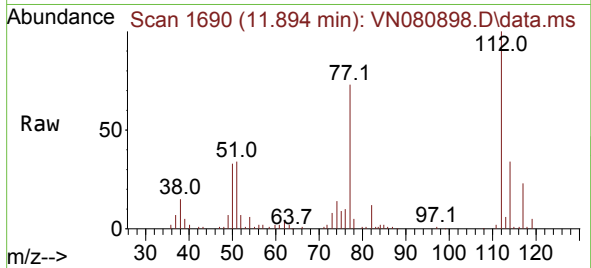




#65
Chlorobenzene
Concen: 19.447 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

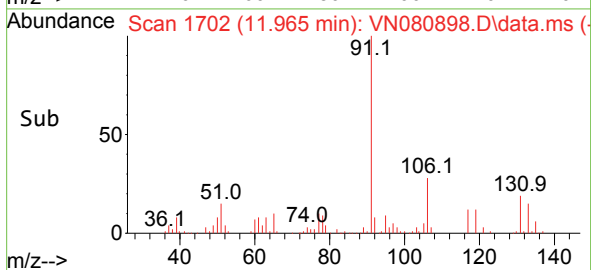
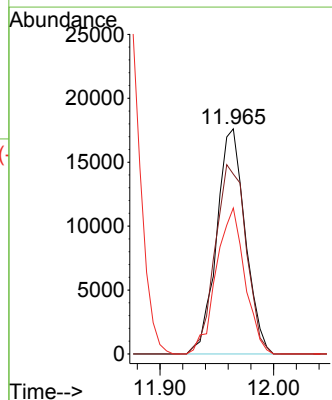
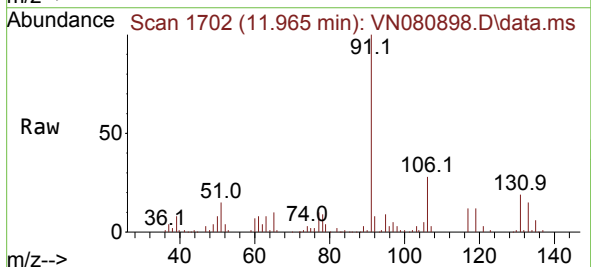
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

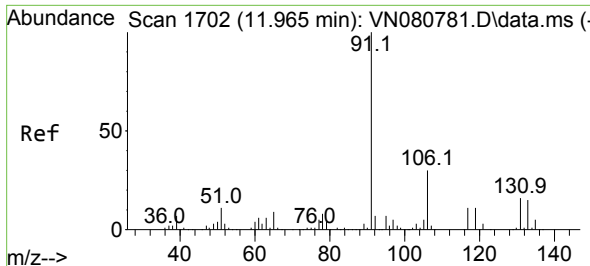
Tgt Ion:112 Resp: 79843
Ion Ratio Lower Upper
112 100
114 34.3 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 23.076 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion:131 Resp: 30809
Ion Ratio Lower Upper
131 100
133 91.2 46.8 140.3
119 65.0 34.6 103.9

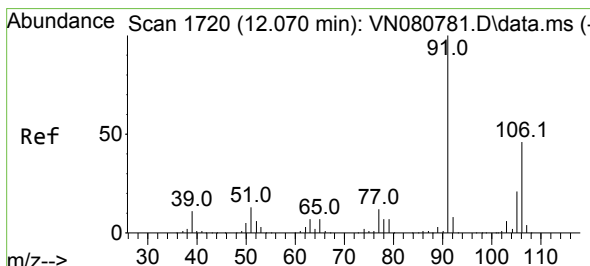
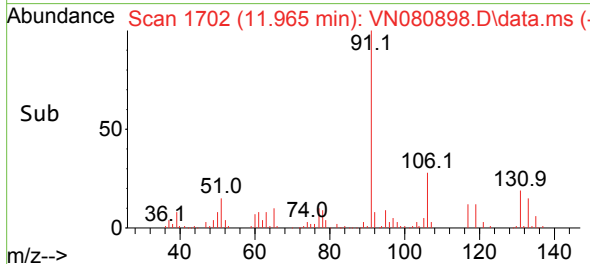
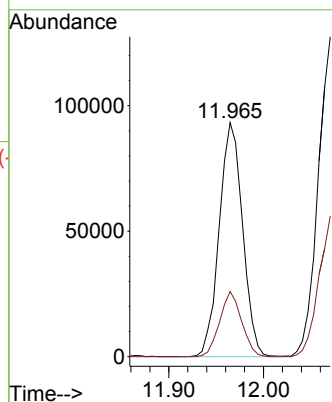
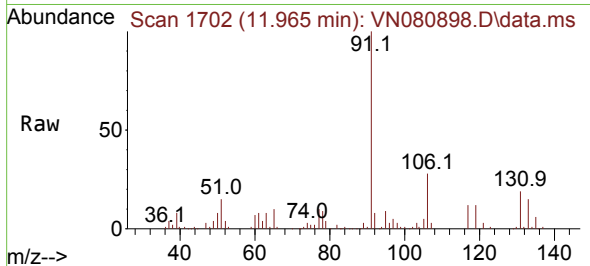




#67
Ethyl Benzene
Concen: 20.970 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

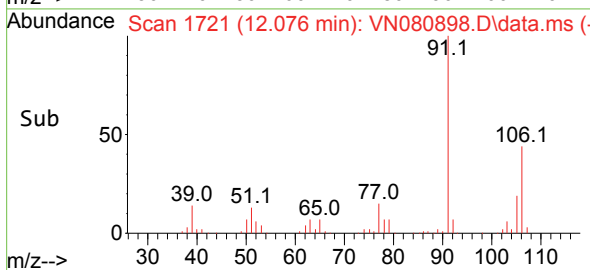
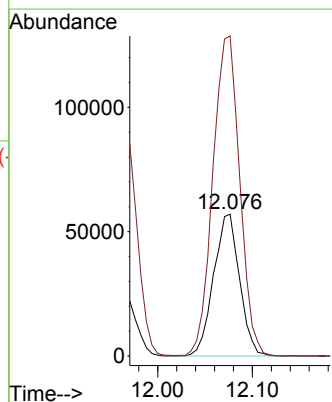
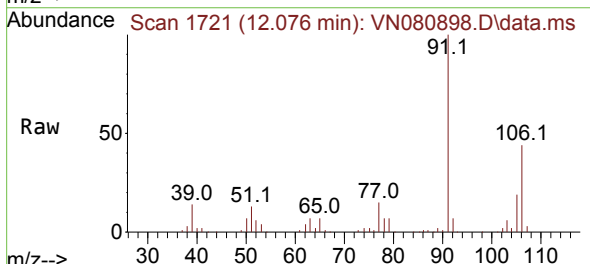
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

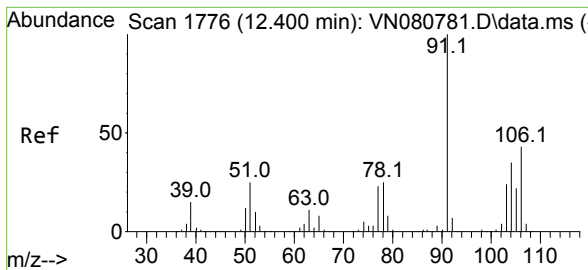
Tgt Ion: 91 Resp: 160022
Ion Ratio Lower Upper
91 100
106 27.9 23.8 35.6



#68
m/p-Xylenes
Concen: 39.965 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion:106 Resp: 108306
Ion Ratio Lower Upper
106 100
91 234.5 169.0 253.6

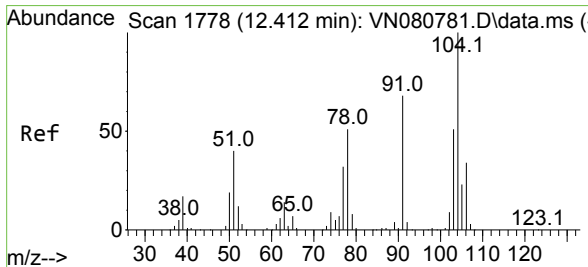
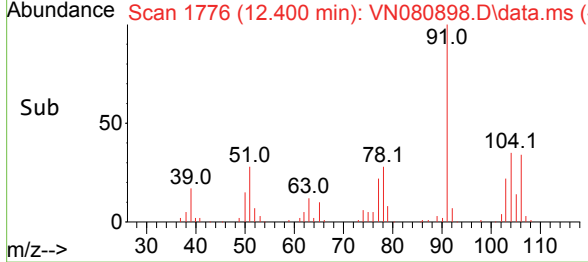
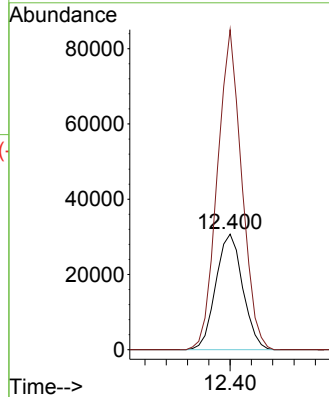
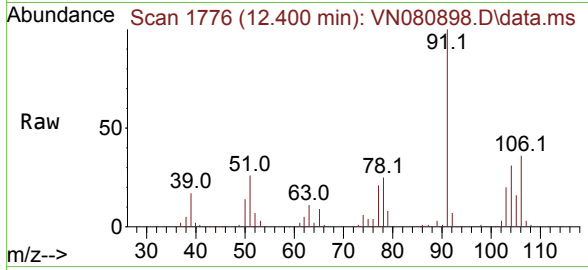




#69
o-Xylene
Concen: 20.026 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

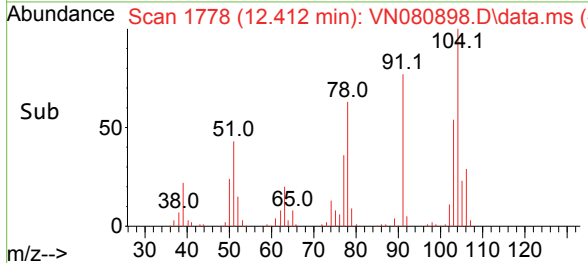
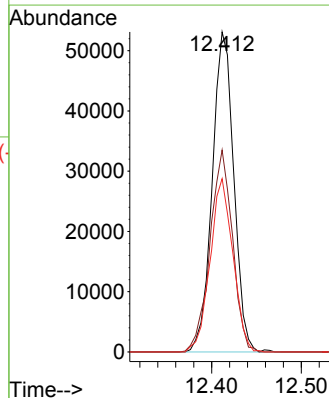
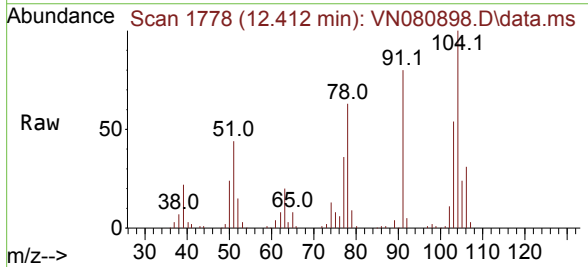
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

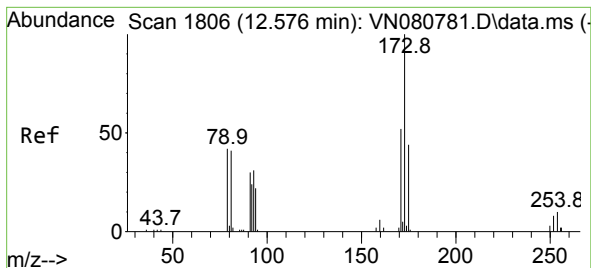
Tgt Ion:106 Resp: 53927
Ion Ratio Lower Upper
106 100
91 250.3 112.1 336.3



#70
Styrene
Concen: 20.474 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion:104 Resp: 88542
Ion Ratio Lower Upper
104 100
78 65.7 43.8 65.8
103 57.4 44.2 66.2





#71

Bromoform

Concen: 22.866 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01

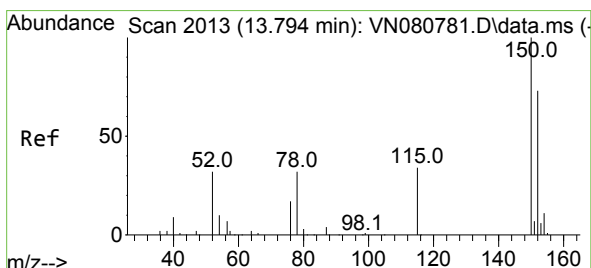
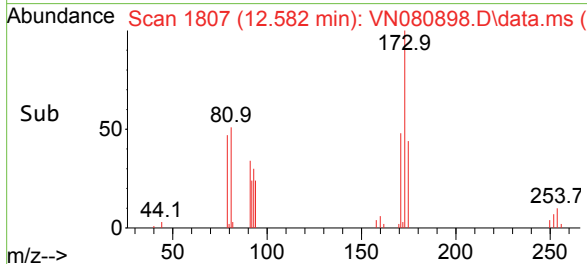
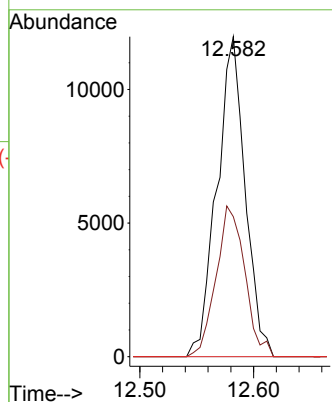
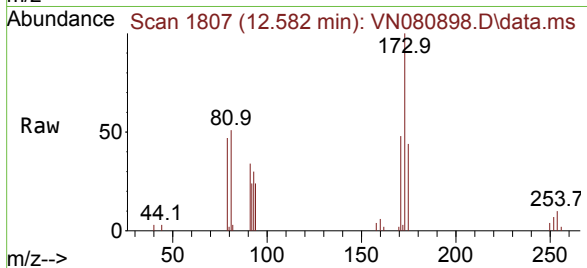
Tgt Ion:173 Resp: 20642

Ion Ratio Lower Upper

173 100

175 48.0 23.1 69.2

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: VN080898.D

Acq: 05 Feb 2024 15:50

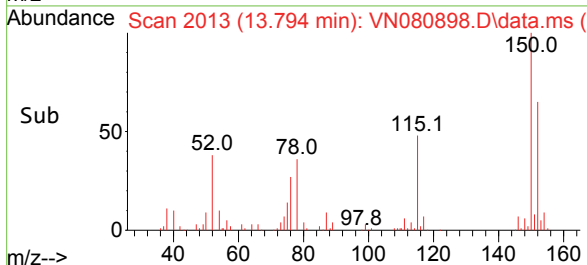
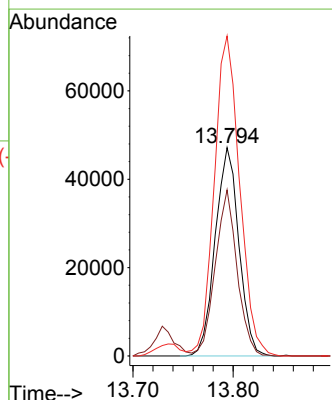
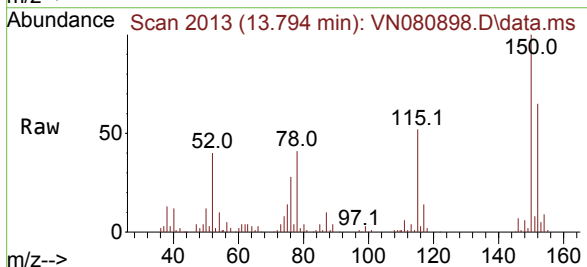
Tgt Ion:152 Resp: 77287

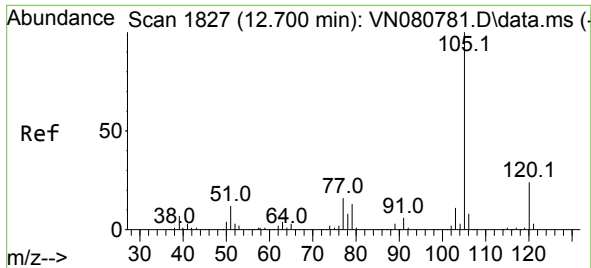
Ion Ratio Lower Upper

152 100

115 73.7 32.3 96.8

150 164.7 0.0 339.8

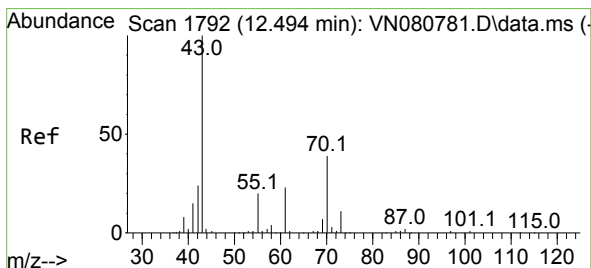
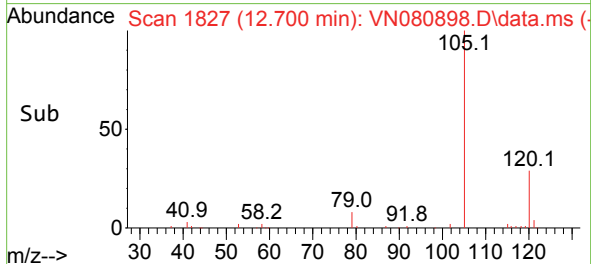
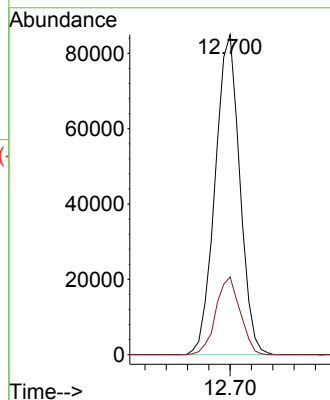
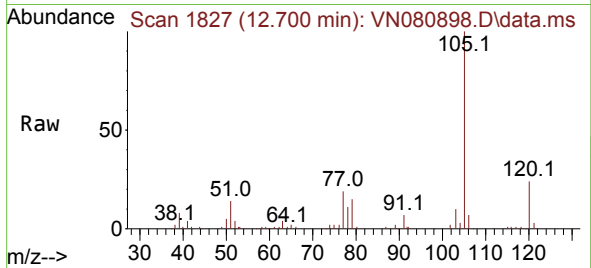




#73
Isopropylbenzene
Concen: 19.270 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

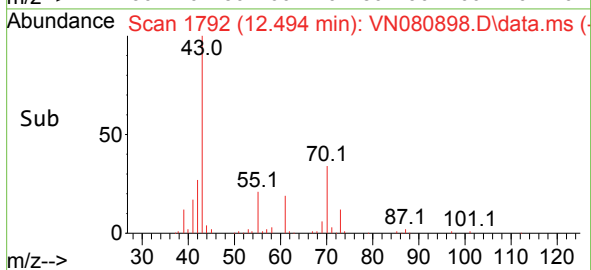
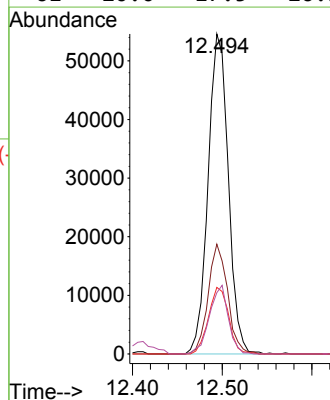
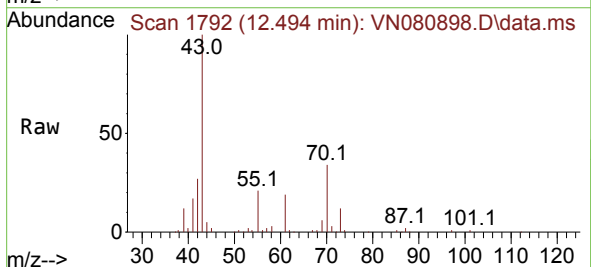
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

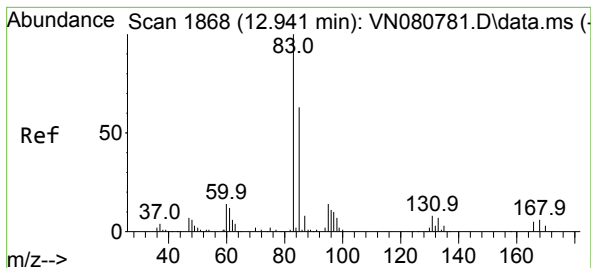
Tgt Ion:105 Resp: 136388
Ion Ratio Lower Upper
105 100
120 23.9 12.6 37.6



#74
N-ethyl acetate
Concen: 19.447 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 43 Resp: 85454
Ion Ratio Lower Upper
43 100
70 33.1 30.1 45.1
55 20.8 17.0 25.4
61 20.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.828 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01

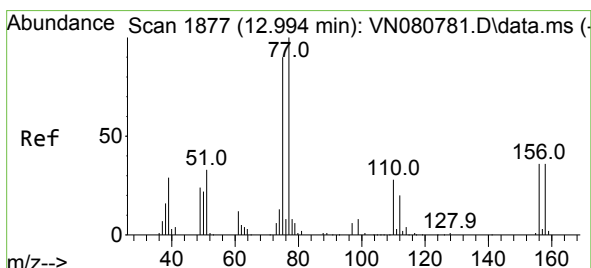
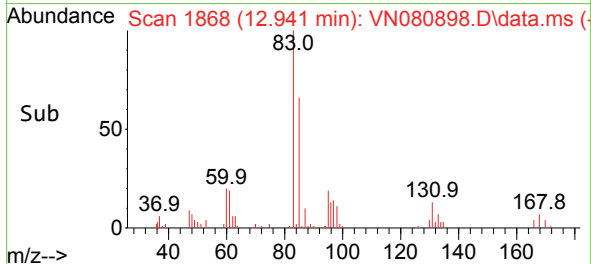
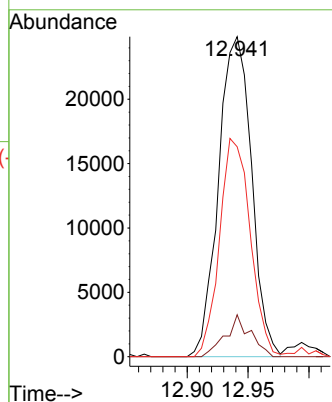
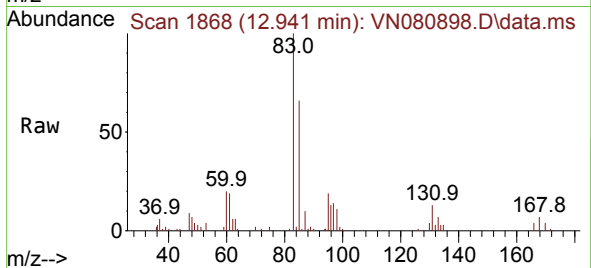
Tgt Ion: 83 Resp: 46874

Ion Ratio Lower Upper

83 100

131 9.9 4.1 12.3

85 63.5 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 28.679 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080898.D

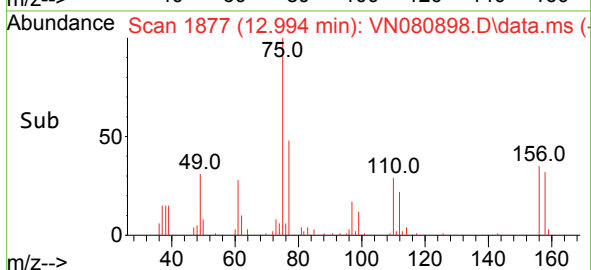
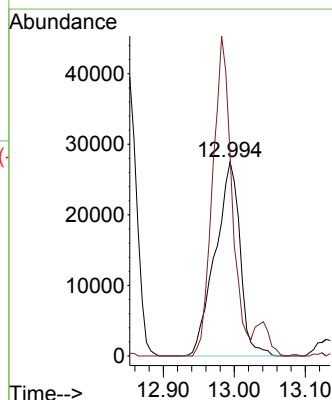
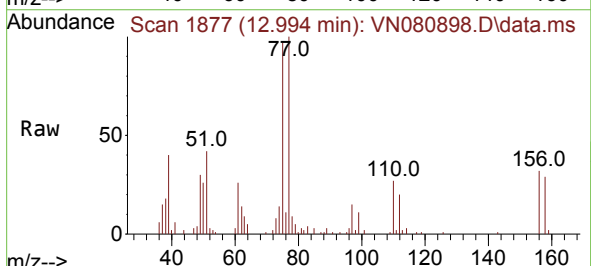
Acq: 05 Feb 2024 15:50

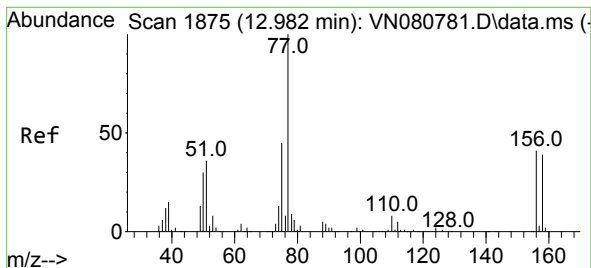
Tgt Ion: 75 Resp: 66851

Ion Ratio Lower Upper

75 100

77 127.4 91.0 272.8





#77

Bromobenzene

Concen: 19.380 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01

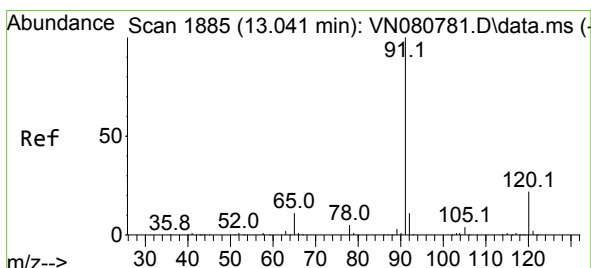
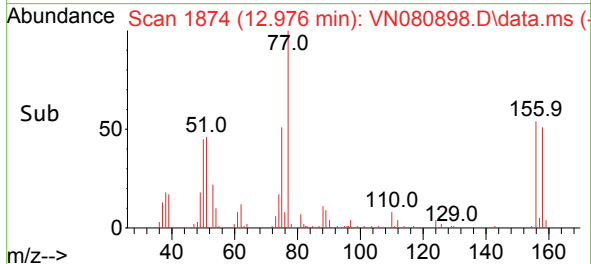
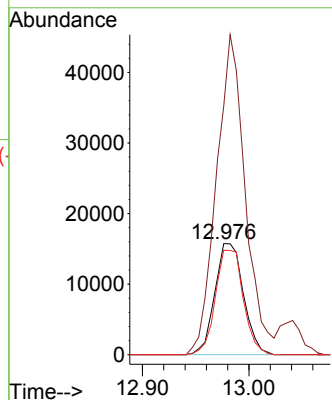
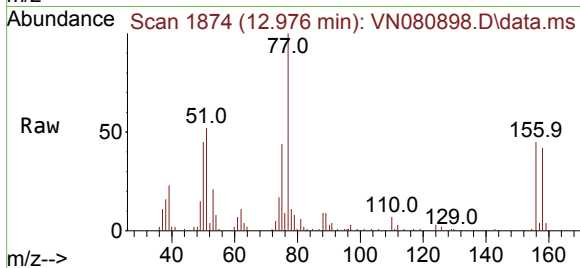
Tgt Ion:156 Resp: 29320

Ion Ratio Lower Upper

156 100

77 290.5 138.1 414.3

158 91.8 46.5 139.5



#78

n-propylbenzene

Concen: 20.090 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN080898.D

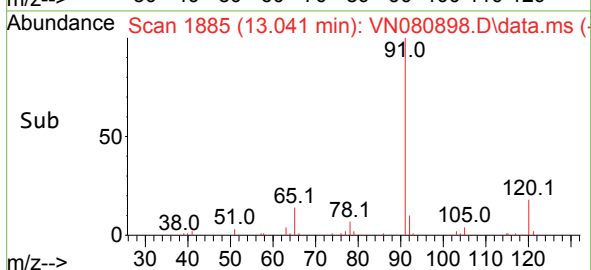
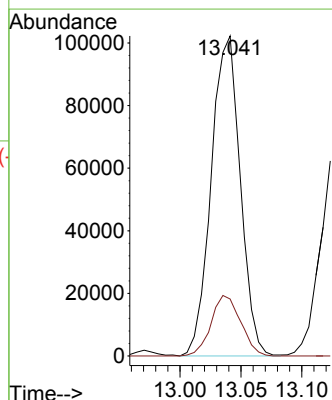
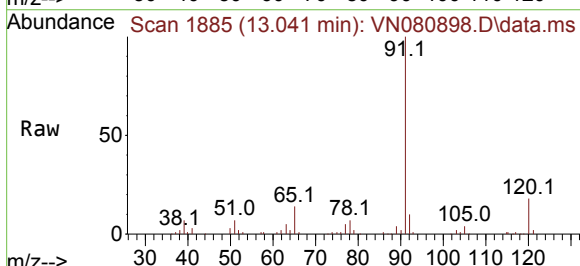
Acq: 05 Feb 2024 15:50

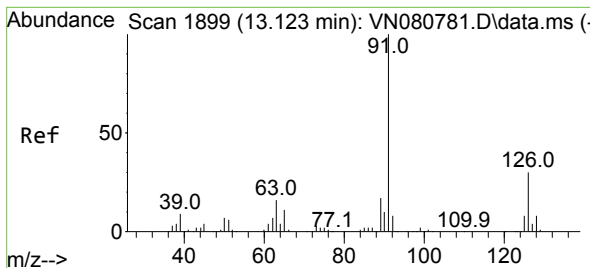
Tgt Ion: 91 Resp: 169872

Ion Ratio Lower Upper

91 100

120 19.2 10.3 30.9





#79

2-Chlorotoluene

Concen: 20.268 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

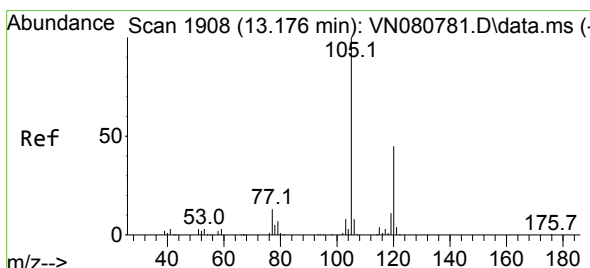
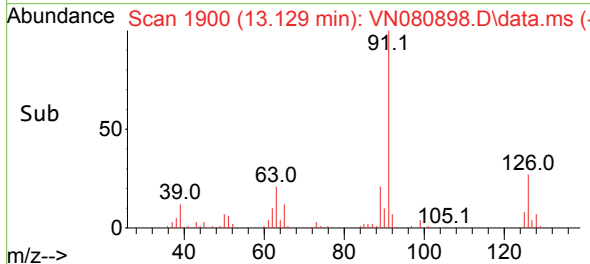
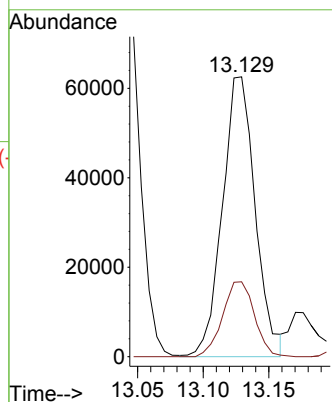
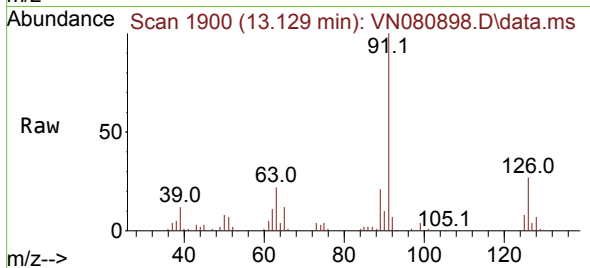
VN0205WBSD01

Tgt Ion: 91 Resp: 108924

Ion Ratio Lower Upper

91 100

126 25.9 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 20.252 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080898.D

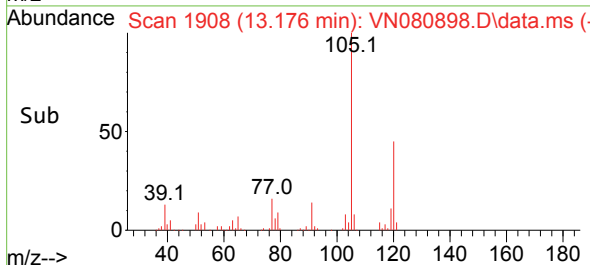
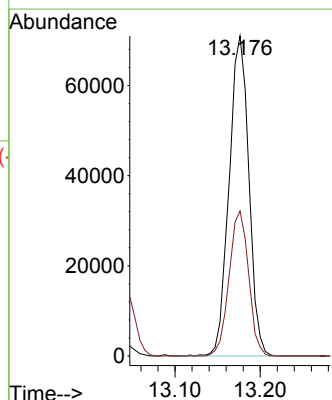
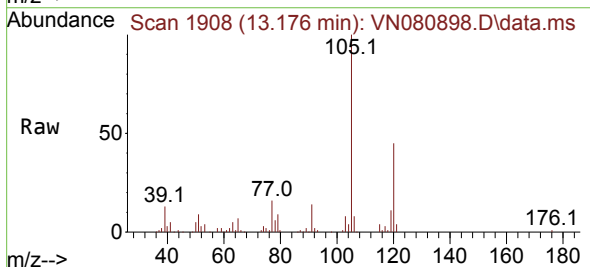
Acq: 05 Feb 2024 15:50

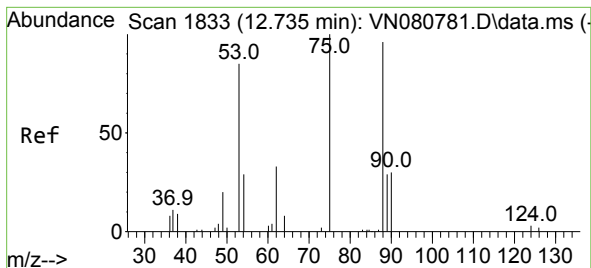
Tgt Ion:105 Resp: 114154

Ion Ratio Lower Upper

105 100

120 44.7 23.0 69.0

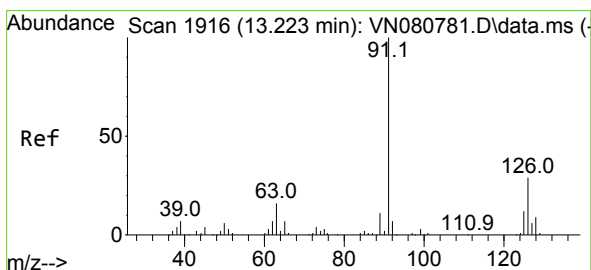
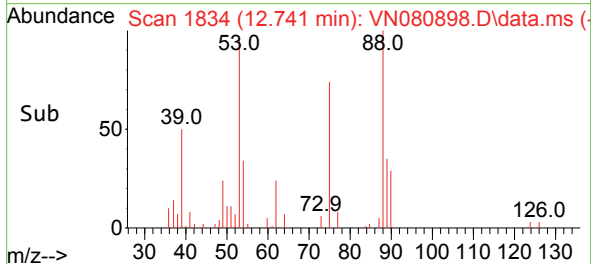
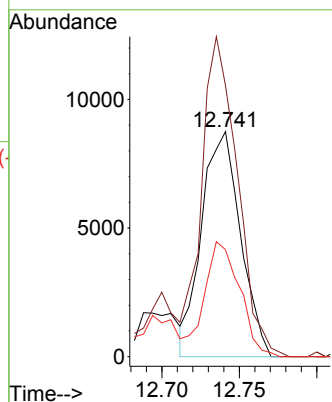
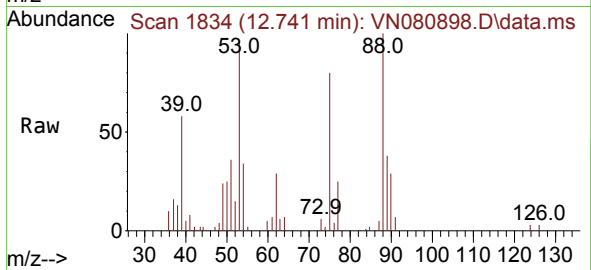




#81
trans-1,4-Dichloro-2-butene
Concen: 16.833 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

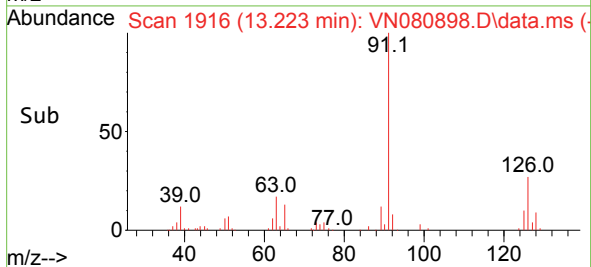
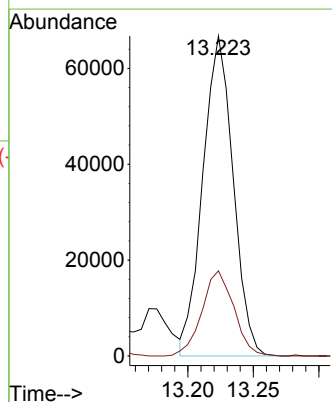
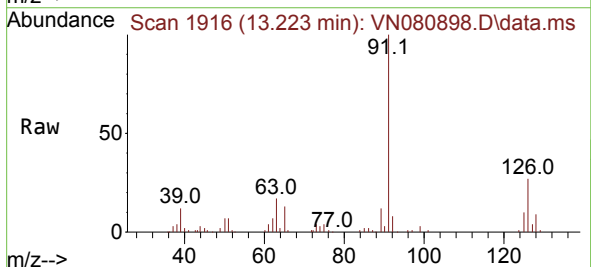
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

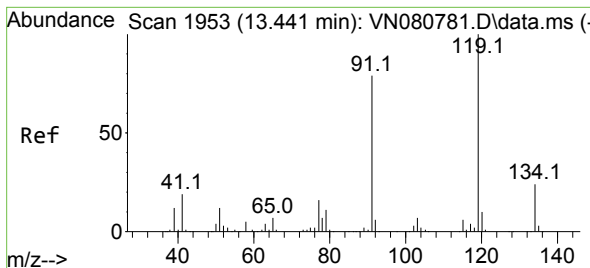
Tgt Ion: 75 Resp: 15231
Ion Ratio Lower Upper
75 100
53 131.2 71.4 107.2#
89 46.8 33.4 50.0



#82
4-Chlorotoluene
Concen: 20.161 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

Tgt Ion: 91 Resp: 107281
Ion Ratio Lower Upper
91 100
126 28.0 15.3 45.9





#83

tert-Butylbenzene

Concen: 19.942 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01

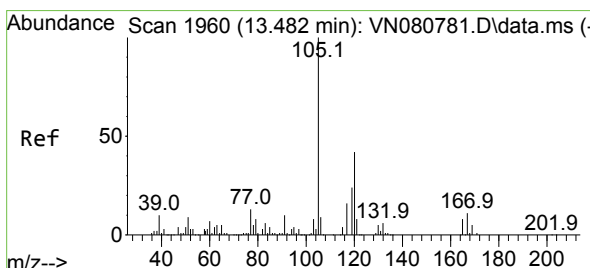
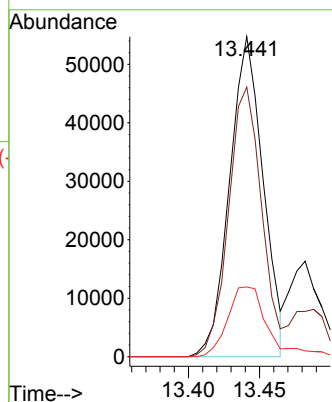
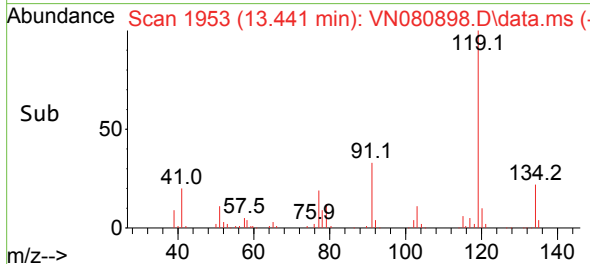
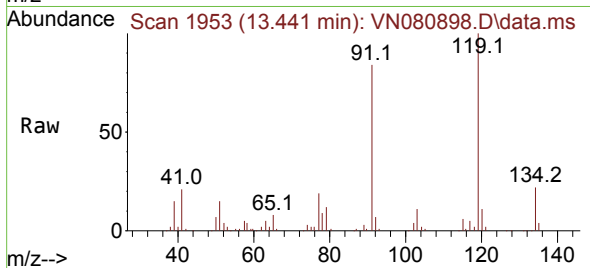
Tgt Ion:119 Resp: 89765

Ion Ratio Lower Upper

119 100

91 85.2 36.8 110.4

134 25.9 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 20.344 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080898.D

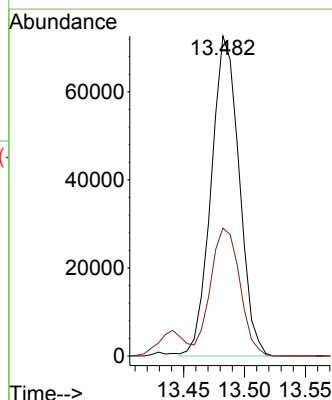
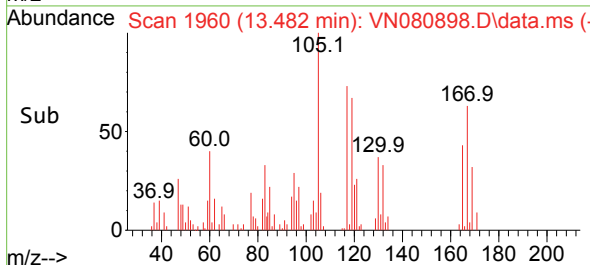
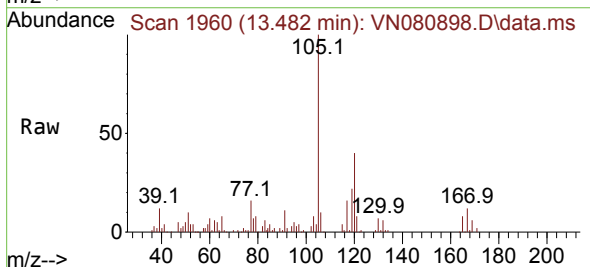
Acq: 05 Feb 2024 15:50

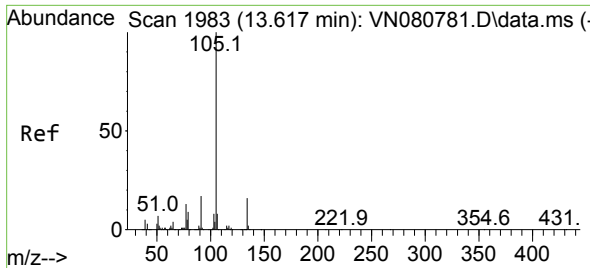
Tgt Ion:105 Resp: 116181

Ion Ratio Lower Upper

105 100

120 41.6 20.9 62.7

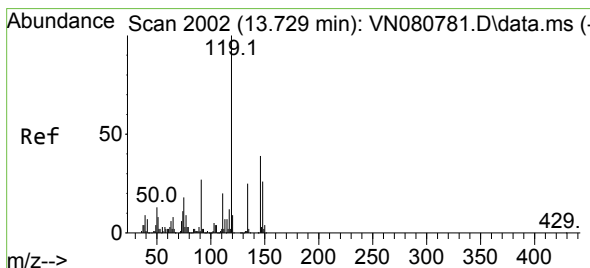
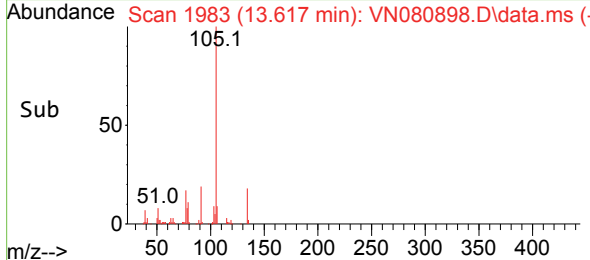
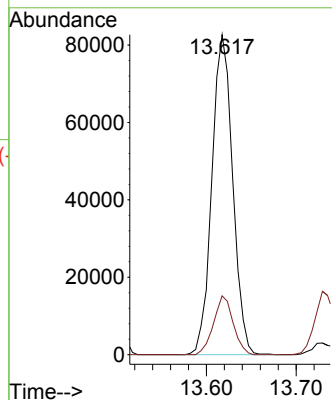
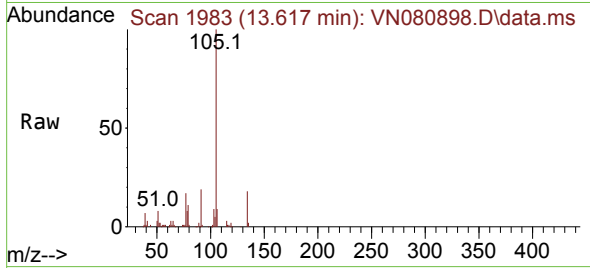




#85
 sec-Butylbenzene
 Concen: 20.041 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080898.D
 Acq: 05 Feb 2024 15:50

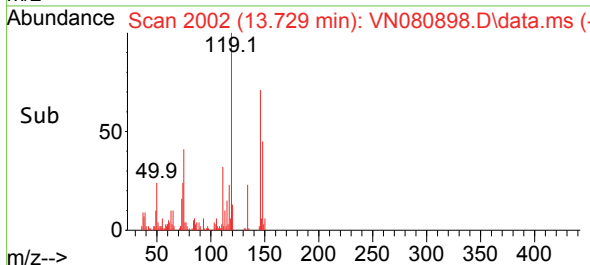
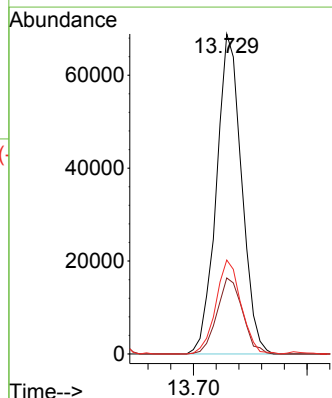
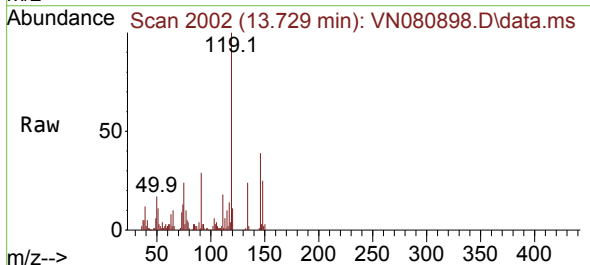
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBSD01

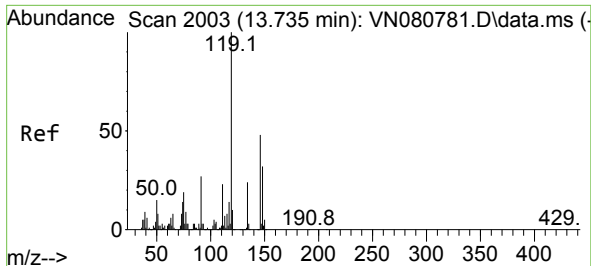
Tgt Ion:105 Resp: 132994
 Ion Ratio Lower Upper
 105 100
 134 17.3 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 20.600 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080898.D
 Acq: 05 Feb 2024 15:50

Tgt Ion:119 Resp: 106235
 Ion Ratio Lower Upper
 119 100
 134 24.0 12.4 37.2
 91 29.3 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 19.199 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01

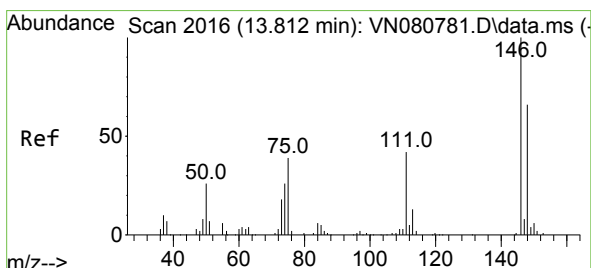
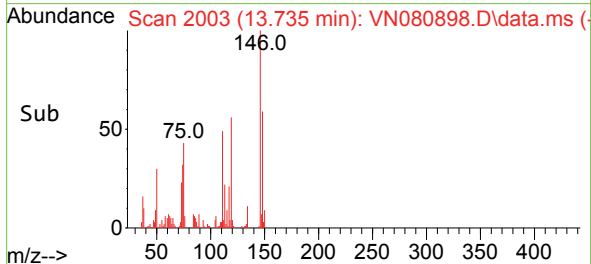
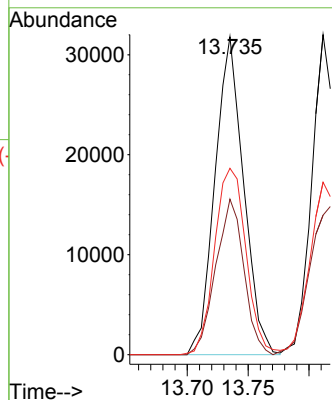
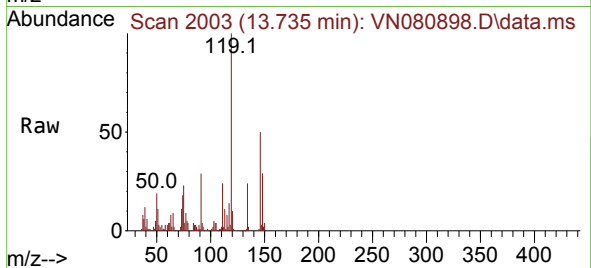
Tgt Ion:146 Resp: 51956

Ion Ratio Lower Upper

146 100

111 48.1 23.9 71.7

148 64.5 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 18.774 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

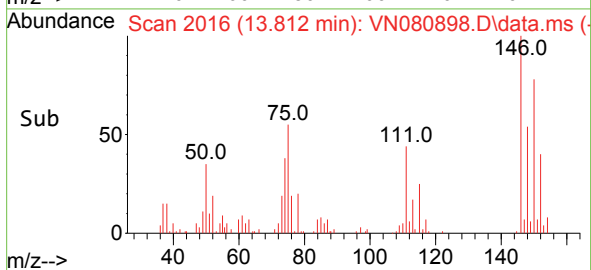
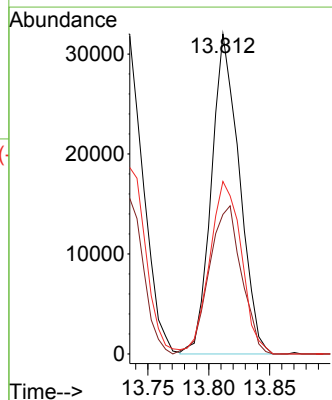
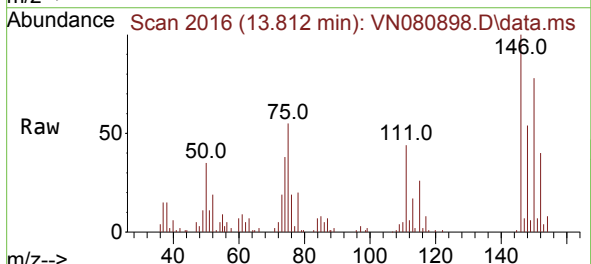
Tgt Ion:146 Resp: 50934

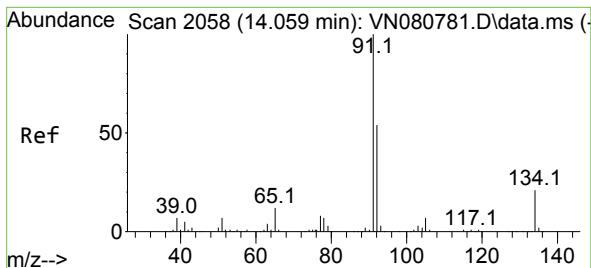
Ion Ratio Lower Upper

146 100

111 53.6 22.6 67.7

148 61.4 31.9 95.5





#89

n-Butylbenzene

Concen: 19.466 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01

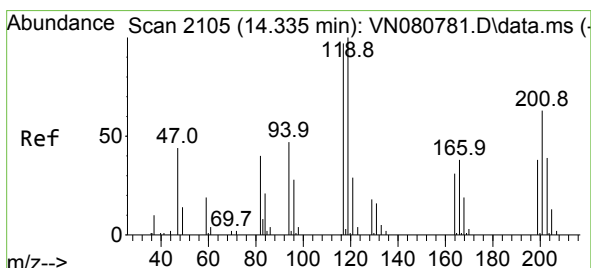
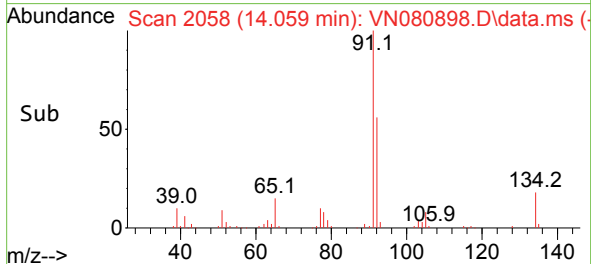
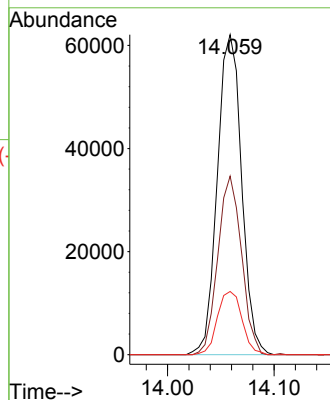
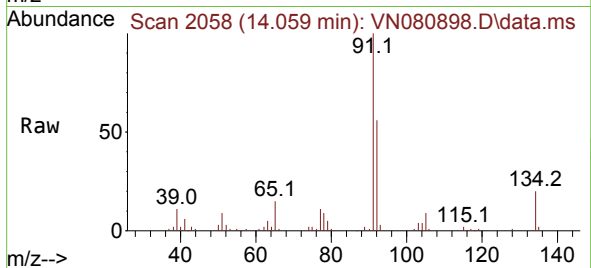
Tgt Ion: 91 Resp: 98239

Ion Ratio Lower Upper

91 100

92 54.3 26.7 80.1

134 20.0 10.8 32.4



#90

Hexachloroethane

Concen: 19.010 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080898.D

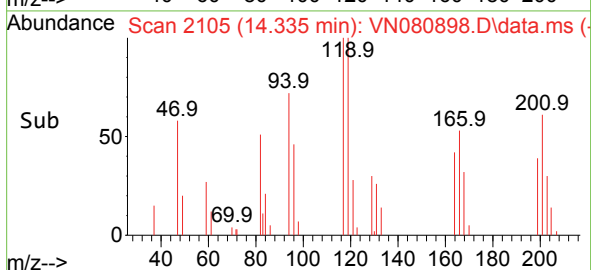
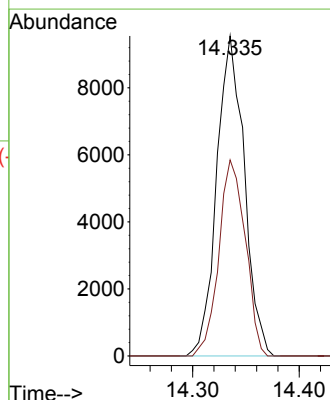
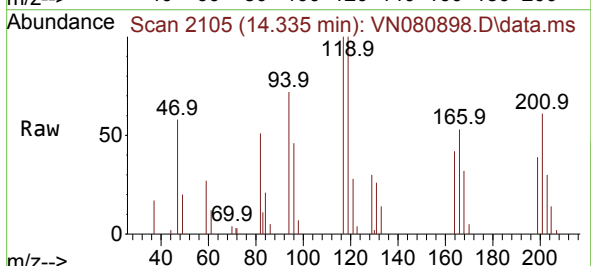
Acq: 05 Feb 2024 15:50

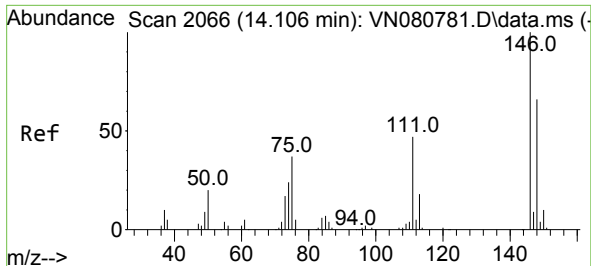
Tgt Ion: 117 Resp: 17154

Ion Ratio Lower Upper

117 100

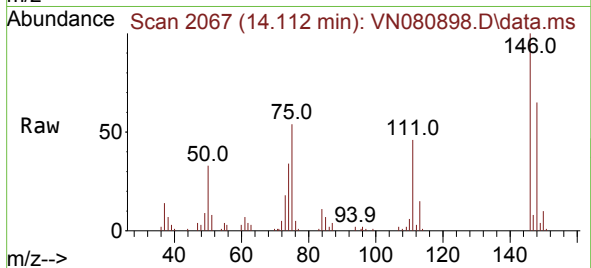
201 58.9 30.0 90.0



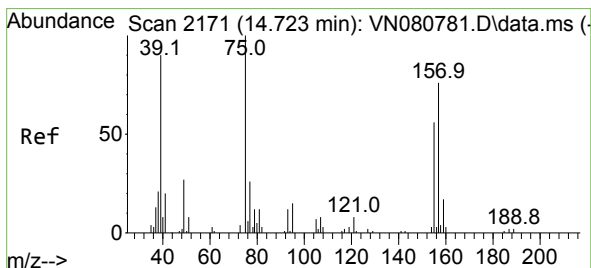
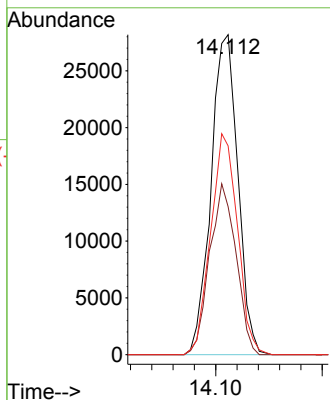
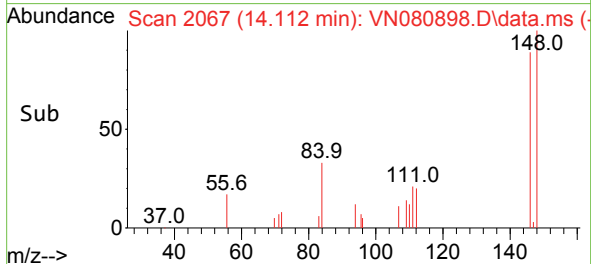


#91
1,2-Dichlorobenzene
Concen: 19.870 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50

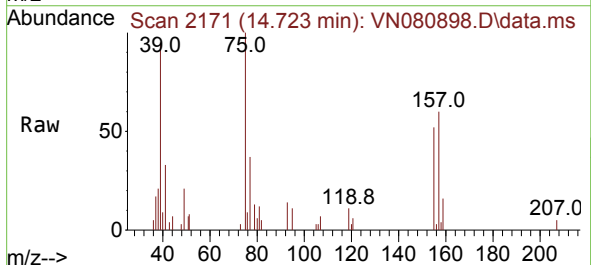
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



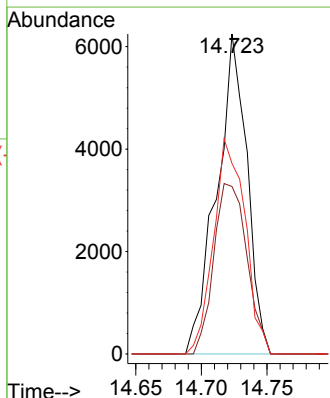
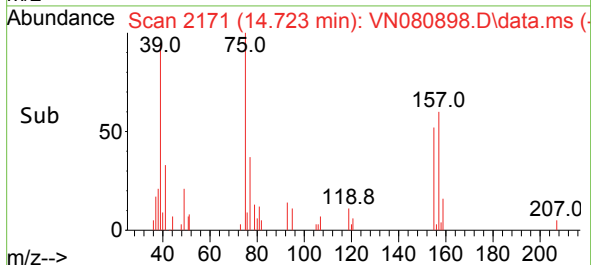
Tgt Ion:146 Resp: 49214
Ion Ratio Lower Upper
146 100
111 52.6 23.9 71.8
148 69.1 31.4 94.0

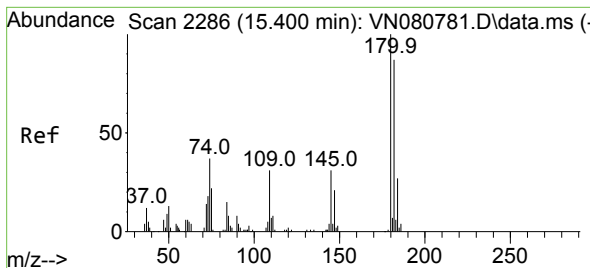


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.558 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080898.D
Acq: 05 Feb 2024 15:50



Tgt Ion: 75 Resp: 10032
Ion Ratio Lower Upper
75 100
155 58.3 31.8 95.4
157 69.9 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 20.059 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01

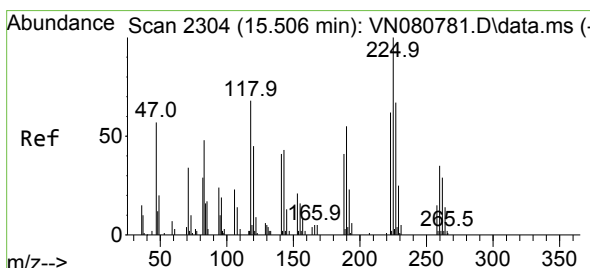
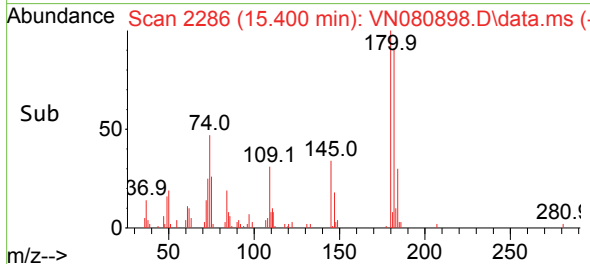
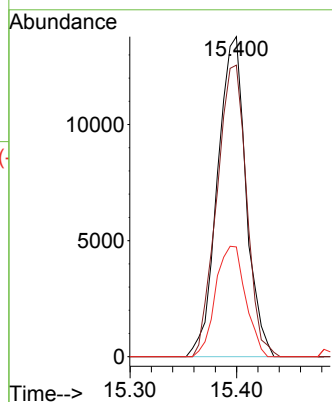
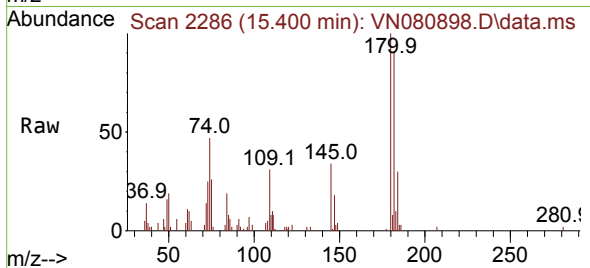
Tgt Ion:180 Resp: 25572

Ion Ratio Lower Upper

180 100

182 94.9 46.6 139.7

145 36.2 16.8 50.3



#94

Hexachlorobutadiene

Concen: 22.943 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

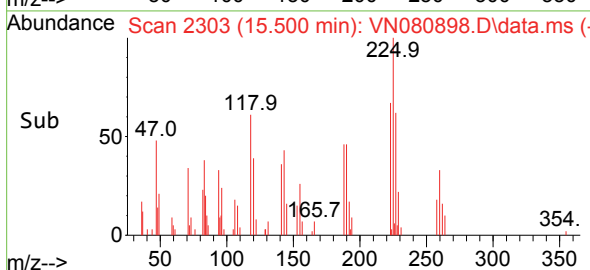
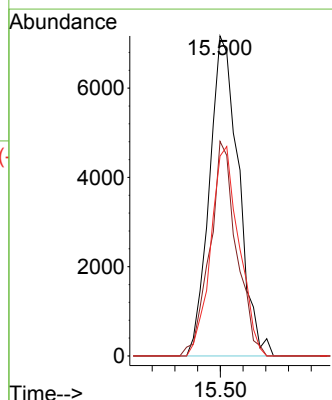
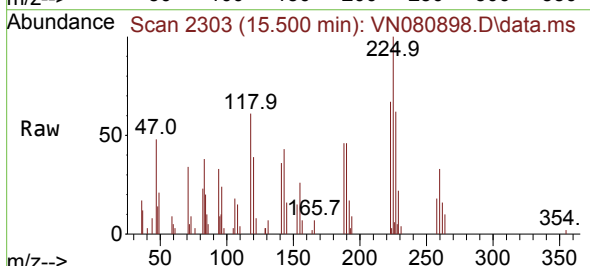
Tgt Ion:225 Resp: 12778

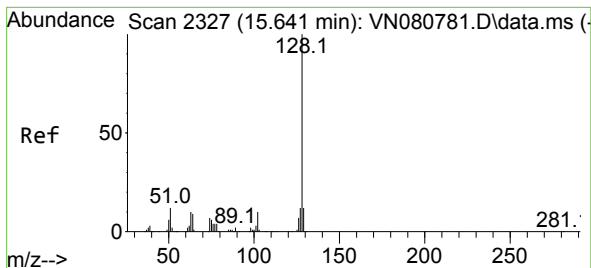
Ion Ratio Lower Upper

225 100

223 61.5 33.3 99.8

227 63.5 33.1 99.2





#95

Naphthalene

Concen: 18.981 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01

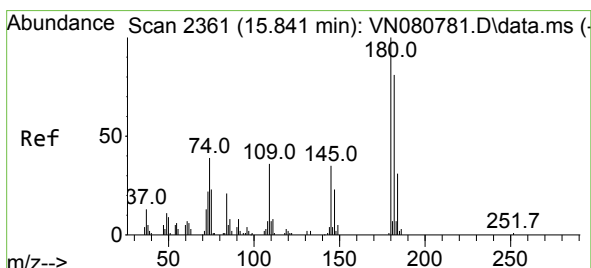
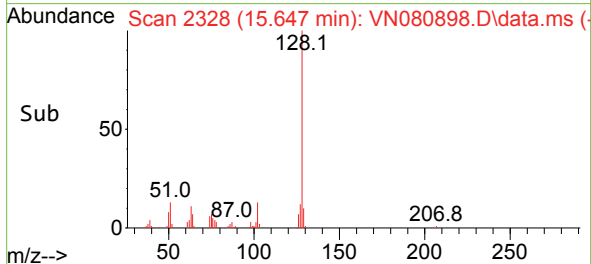
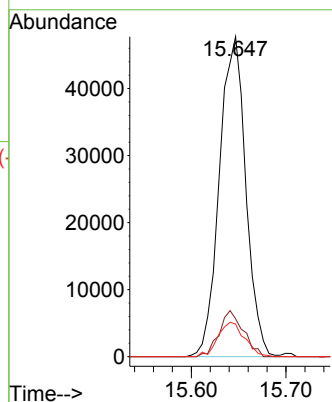
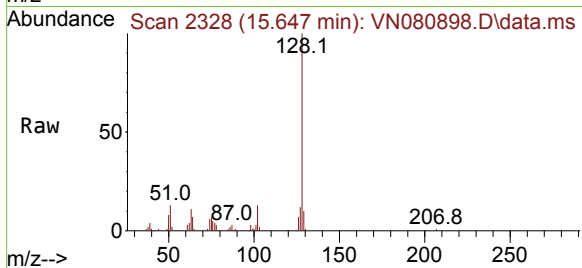
Tgt Ion:128 Resp: 92591

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.237 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080898.D

Acq: 05 Feb 2024 15:50

Tgt Ion:180 Resp: 24105

Ion Ratio Lower Upper

180 100

182 92.0 46.5 139.3

145 39.4 17.8 53.4

