

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080876.D
 Acq On : 02 Feb 2024 16:16
 Operator : JC\MD
 Sample : VN0202WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202WBSD01

Quant Time: Feb 02 23:51:50 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	89351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	185226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	161312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	68575	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	76743	49.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.300%
35) Dibromofluoromethane	8.165	113	54027	47.676	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.360%
50) Toluene-d8	10.571	98	200038	45.101	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.200%
62) 4-Bromofluorobenzene	12.853	95	77224	49.964	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	24812	18.696	ug/l	94
3) Chloromethane	2.359	50	39176	19.638	ug/l	93
4) Vinyl Chloride	2.512	62	30769	20.287	ug/l	91
5) Bromomethane	2.954	94	13367	22.034	ug/l	95
6) Chloroethane	3.112	64	17825	22.044	ug/l	100
7) Trichlorofluoromethane	3.495	101	38388	19.557	ug/l	100
8) Diethyl Ether	3.959	74	18734	20.689	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	23301	20.357	ug/l #	79
10) Methyl Iodide	4.583	142	19008	19.672	ug/l #	90
11) Tert butyl alcohol	5.512	59	28429	112.825	ug/l	100
12) 1,1-Dichloroethene	4.336	96	23194	18.493	ug/l	86
13) Acrolein	4.177	56	36676	115.423	ug/l	92
14) Allyl chloride	5.024	41	50751	20.472	ug/l	96
15) Acrylonitrile	5.718	53	85038	112.215	ug/l	97
16) Acetone	4.424	43	66453	118.539	ug/l	97
17) Carbon Disulfide	4.712	76	68451	17.531	ug/l	96
18) Methyl Acetate	5.018	43	48558	24.854	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	96275	21.785	ug/l	99
20) Methylene Chloride	5.271	84	31779	21.595	ug/l #	85
21) trans-1,2-Dichloroethene	5.783	96	26711	19.603	ug/l	97
22) Diisopropyl ether	6.671	45	119268	21.805	ug/l	95
23) Vinyl Acetate	6.600	43	454971	114.959	ug/l	98
24) 1,1-Dichloroethane	6.565	63	57357	20.676	ug/l	98
25) 2-Butanone	7.483	43	118259	111.061	ug/l	99
26) 2,2-Dichloropropane	7.489	77	43900	19.580	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	30051	19.052	ug/l	88
28) Bromochloromethane	7.812	49	35141	23.927	ug/l	97
29) Tetrahydrofuran	7.836	42	77637	107.752	ug/l	98
30) Chloroform	7.965	83	52770	20.476	ug/l	100
31) Cyclohexane	8.259	56	49550	18.694	ug/l #	85
32) 1,1,1-Trichloroethane	8.165	97	45503	21.773	ug/l	94
36) 1,1-Dichloropropene	8.371	75	39837	18.913	ug/l	97
37) Ethyl Acetate	7.565	43	42572	19.634	ug/l #	76
38) Carbon Tetrachloride	8.365	117	29670	17.483	ug/l #	85
39) Methylcyclohexane	9.606	83	37710	18.012	ug/l	87
40) Benzene	8.606	78	127259	20.557	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26823	20.989	ug/l	97
42) 1,2-Dichloroethane	8.671	62	45471	22.546	ug/l	100
43) Isopropyl Acetate	8.688	43	84302	21.355	ug/l	98
44) Trichloroethene	9.353	130	25969	19.046	ug/l	83
45) 1,2-Dichloropropane	9.624	63	34896	20.830	ug/l	94
46) Dibromomethane	9.706	93	20994	21.139	ug/l	98
47) Bromodichloromethane	9.888	83	41461	20.563	ug/l	95
48) Methyl methacrylate	9.682	41	38291	20.008	ug/l	95
49) 1,4-Dioxane	9.694	88	11619	504.020	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	248493	112.602	ug/l	100
52) Toluene	10.629	92	74288	20.929	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	47650	20.286	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	48783	19.098	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	29685	21.762	ug/l #	92
56) Ethyl methacrylate	10.877	69	48006	22.893	ug/l	98
57) 1,3-Dichloropropane	11.165	76	58183	22.664	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	143785	117.620	ug/l	99
59) 2-Hexanone	11.200	43	192915	112.540	ug/l	93
60) Dibromochloromethane	11.359	129	28519	22.477	ug/l	99
61) 1,2-Dibromoethane	11.476	107	29142	22.796	ug/l	96
64) Tetrachloroethene	11.106	164	22634	21.347	ug/l	83
65) Chlorobenzene	11.894	112	70338	19.979	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	24083	21.036	ug/l	94
67) Ethyl Benzene	11.965	91	134439	20.545	ug/l	98
68) m/p-Xylenes	12.071	106	96363	41.467	ug/l	94
69) o-Xylene	12.400	106	45204	19.577	ug/l	88
70) Styrene	12.412	104	76626	20.663	ug/l	92
71) Bromoform	12.582	173	17398	22.475	ug/l #	97
73) Isopropylbenzene	12.694	105	115874	18.452	ug/l	99
74) N-amyl acetate	12.494	43	73693	18.901	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	42966	19.451	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	58952	28.504	ug/l	64
77) Bromobenzene	12.988	156	26785	19.953	ug/l	95
78) n-propylbenzene	13.035	91	142555	19.002	ug/l	96
79) 2-Chlorotoluene	13.129	91	89464	18.762	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	95710	19.137	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	13321	16.593	ug/l #	69
82) 4-Chlorotoluene	13.223	91	89267	18.907	ug/l	96
83) tert-Butylbenzene	13.441	119	75682	18.949	ug/l	92
84) 1,2,4-Trimethylbenzene	13.488	105	97439	19.230	ug/l	98
85) sec-Butylbenzene	13.618	105	106835	18.144	ug/l	95
86) p-Isopropyltoluene	13.735	119	86487	18.901	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	44326	18.461	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	46507	19.320	ug/l	98
89) n-Butylbenzene	14.059	91	81880	18.286	ug/l	99
90) Hexachloroethane	14.335	117	13990	17.473	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	43060	19.594	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8141	19.717	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	21681	19.168	ug/l	97
94) Hexachlorobutadiene	15.506	225	9955	20.145	ug/l	94
95) Naphthalene	15.647	128	78419	18.118	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	21147	19.020	ug/l	95

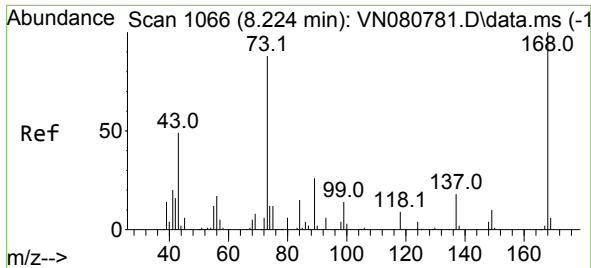
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Response via : Initial Calibration

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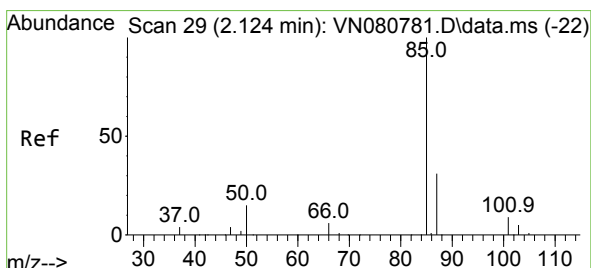
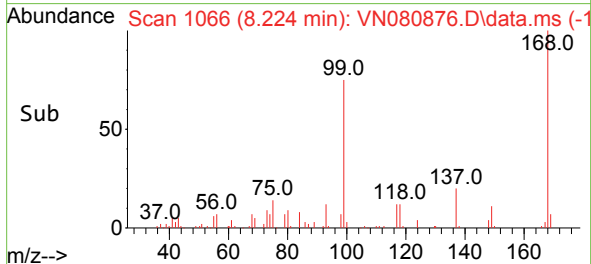
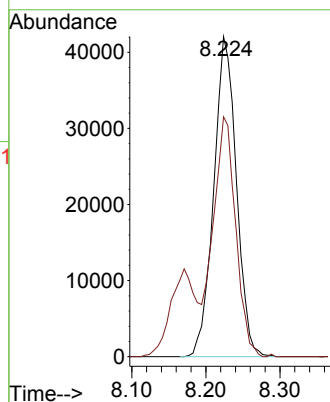
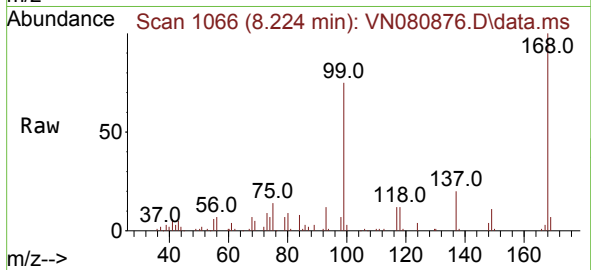
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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Acq: 02 Feb 2024 16:16

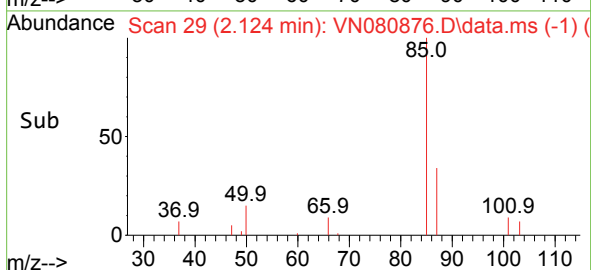
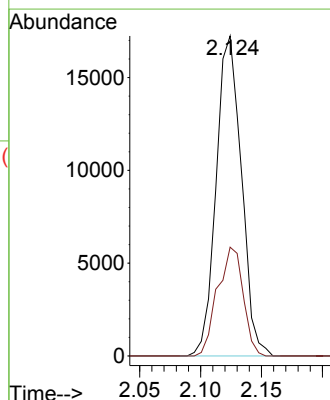
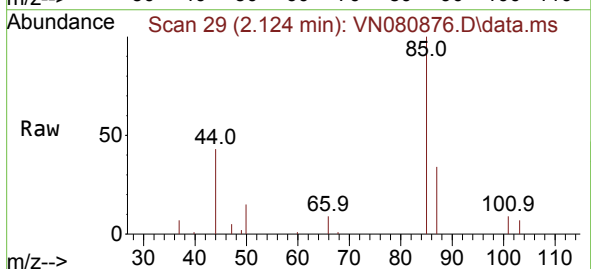
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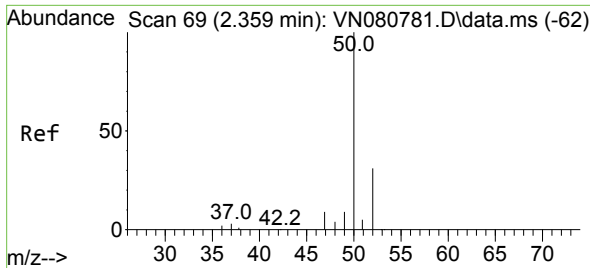
Tgt Ion:168 Resp: 89351
Ion Ratio Lower Upper
168 100
99 74.9 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 18.696 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion: 85 Resp: 24812
Ion Ratio Lower Upper
85 100
87 34.0 15.3 45.9

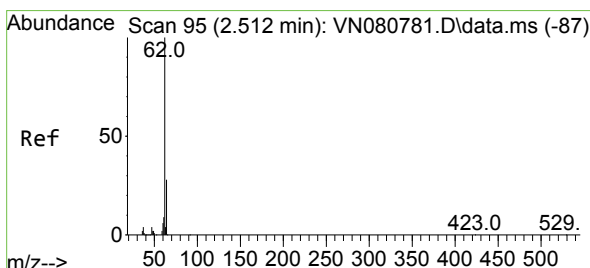
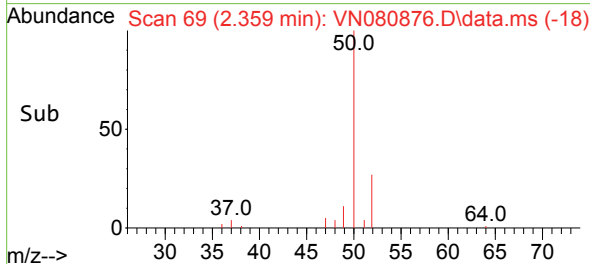
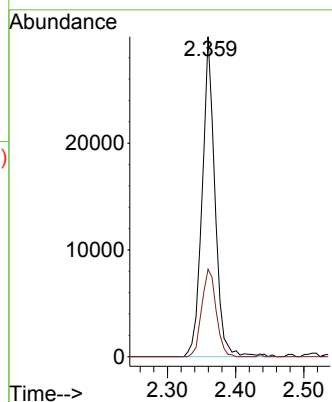
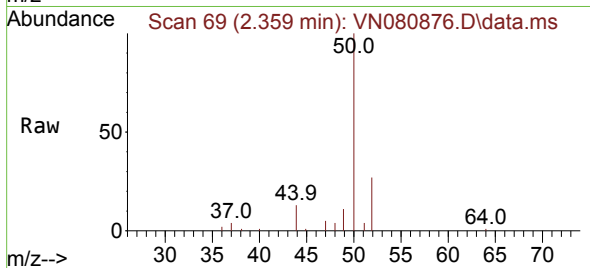




#3
Chloromethane
Concen: 19.638 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

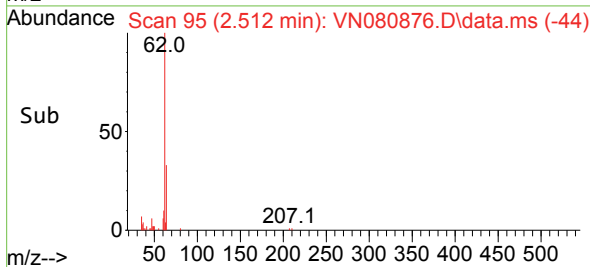
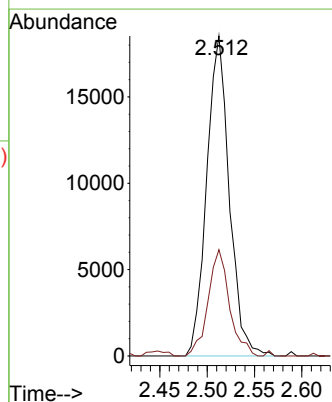
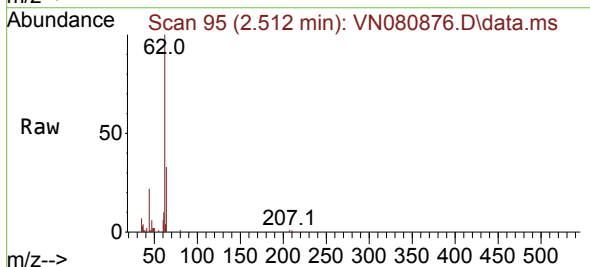
Instrument :
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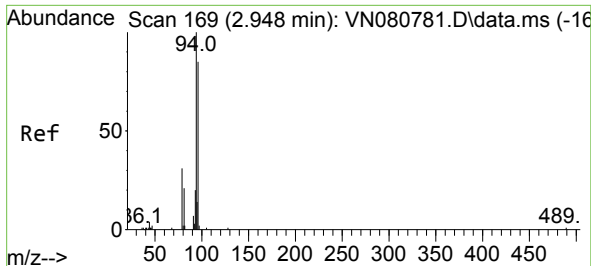
Tgt Ion: 50 Resp: 39176
Ion Ratio Lower Upper
50 100
52 27.3 25.0 37.4



#4
Vinyl Chloride
Concen: 20.287 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion: 62 Resp: 30769
Ion Ratio Lower Upper
62 100
64 33.2 22.7 34.1

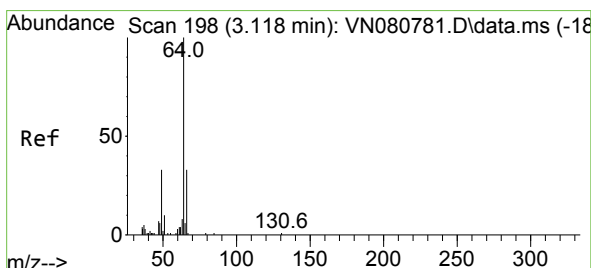
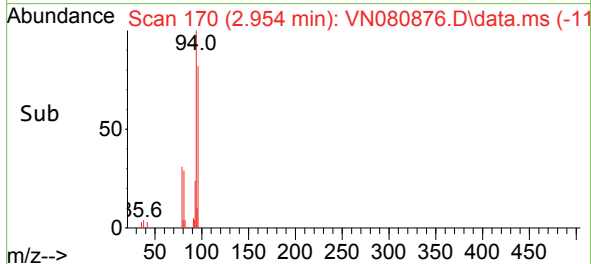
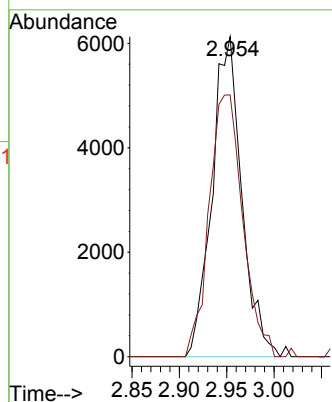
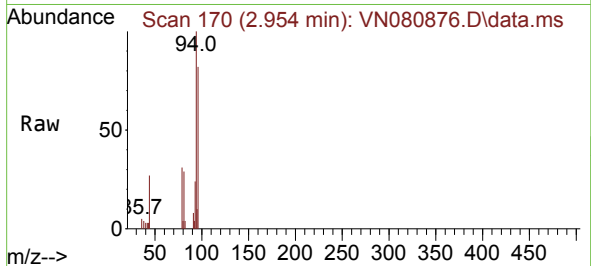




#5
Bromomethane
Concen: 22.034 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

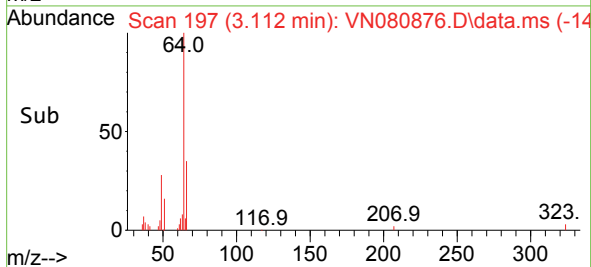
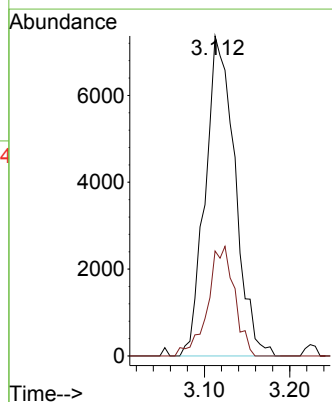
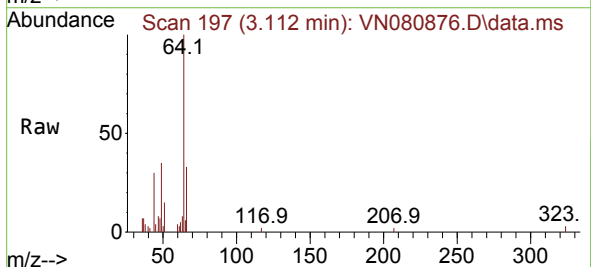
Instrument :
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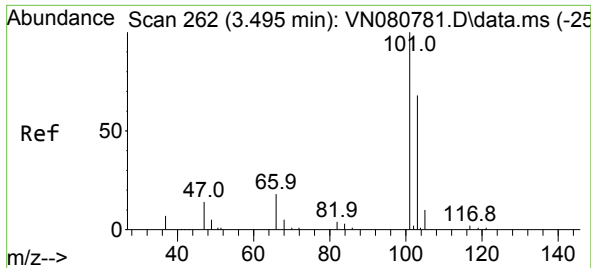
Tgt Ion: 94 Resp: 13367
Ion Ratio Lower Upper
94 100
96 81.8 69.2 103.8



#6
Chloroethane
Concen: 22.044 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion: 64 Resp: 17825
Ion Ratio Lower Upper
64 100
66 32.8 26.4 39.6

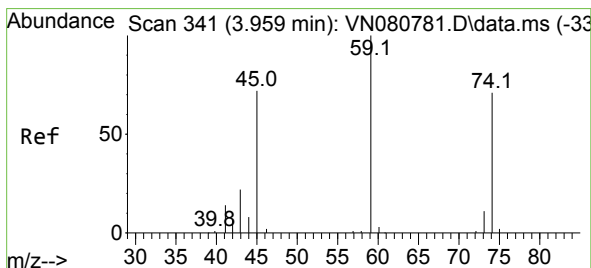
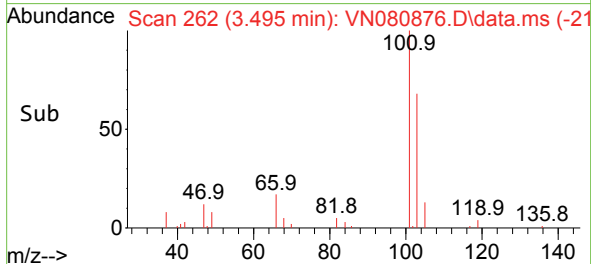
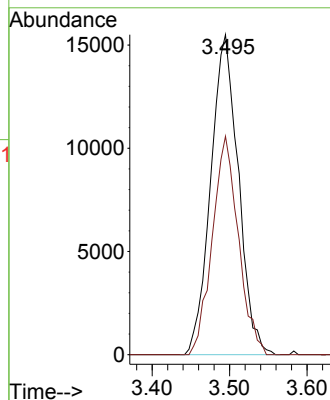
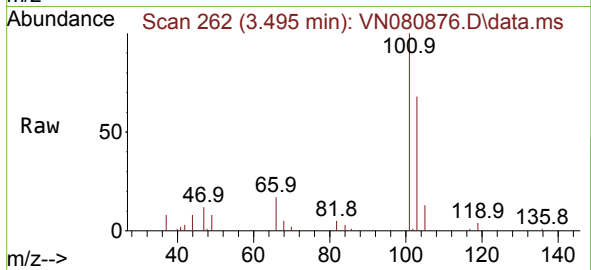




#7
 Trichlorofluoromethane
 Concen: 19.557 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN080876.D
 Acq: 02 Feb 2024 16:16

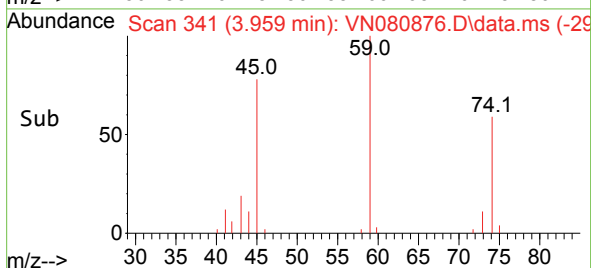
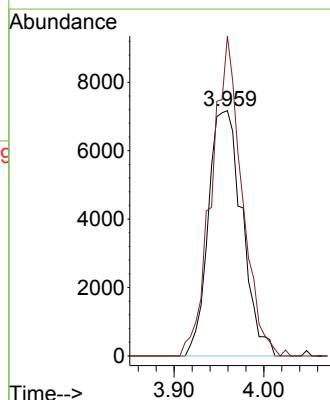
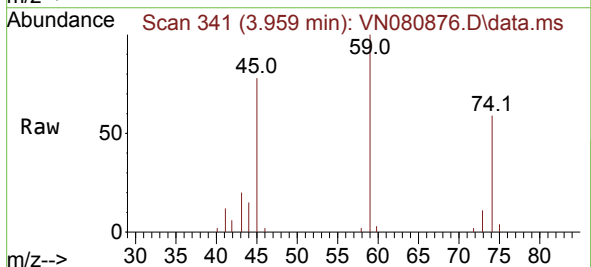
Instrument :
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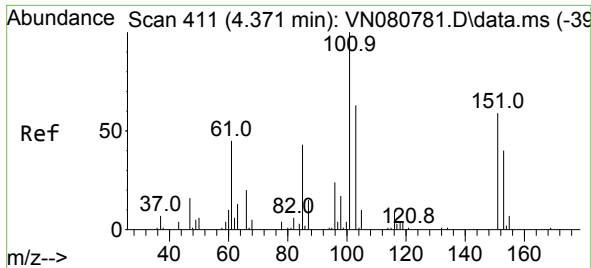
Tgt Ion:101 Resp: 38388
 Ion Ratio Lower Upper
 101 100
 103 68.3 54.4 81.6



#8
 Diethyl Ether
 Concen: 20.689 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080876.D
 Acq: 02 Feb 2024 16:16

Tgt Ion: 74 Resp: 18734
 Ion Ratio Lower Upper
 74 100
 45 117.5 53.3 159.9

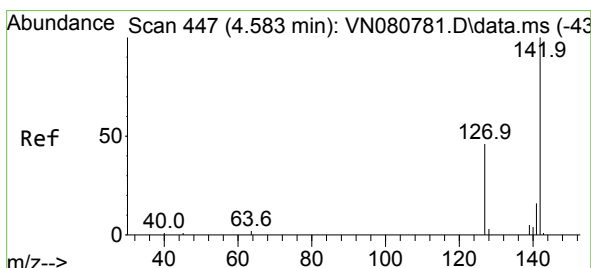
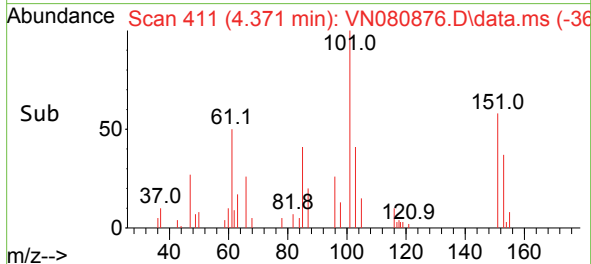
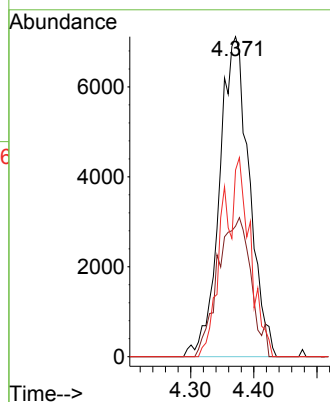
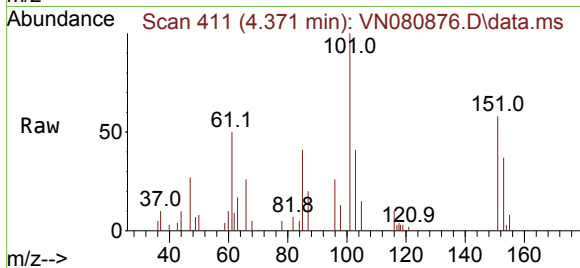




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.357 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080876.D
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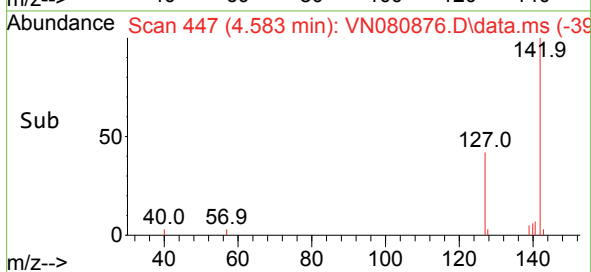
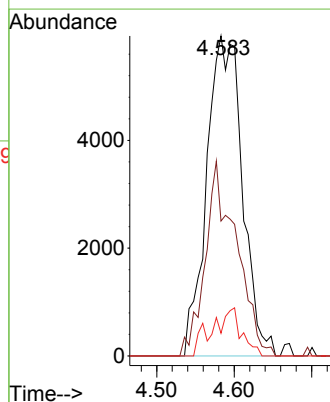
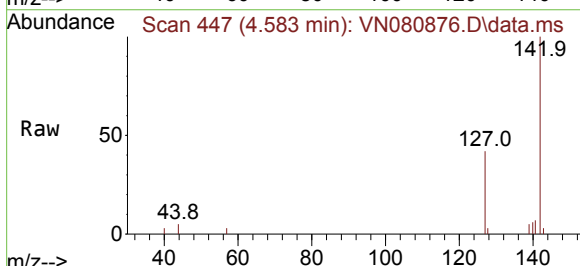
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

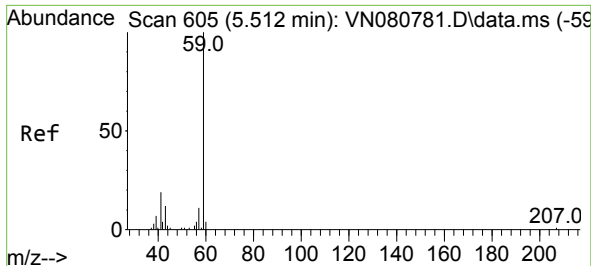
Tgt Ion:101 Resp: 23301
Ion Ratio Lower Upper
101 100
85 48.2 38.1 57.1
151 33.4 49.1 73.7#



#10
Methyl Iodide
Concen: 19.672 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion:142 Resp: 19008
Ion Ratio Lower Upper
142 100
127 42.2 37.0 55.4
141 7.1 12.5 18.7#

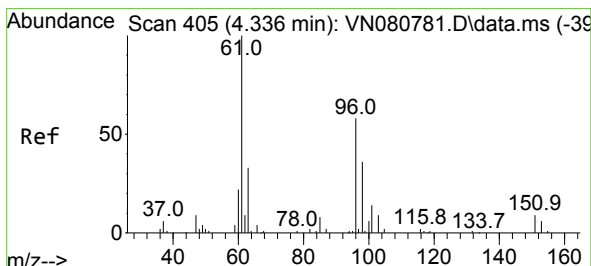
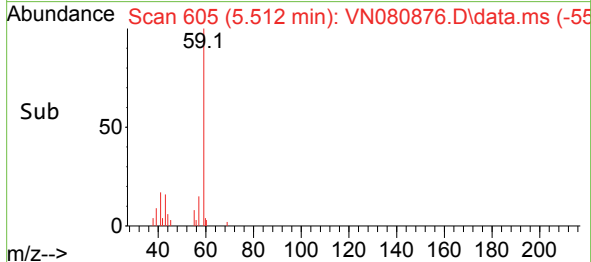
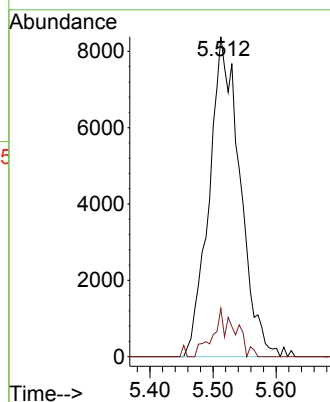
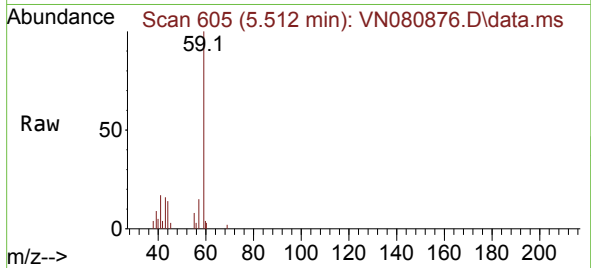




#11
Tert butyl alcohol
Concen: 112.825 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

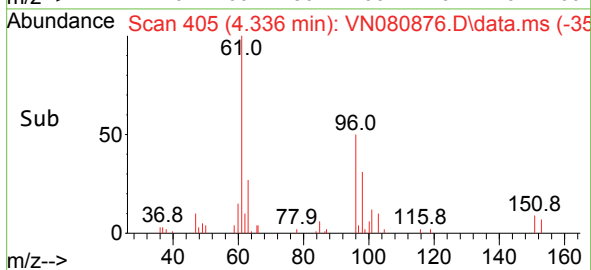
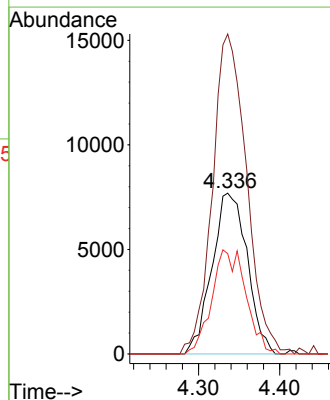
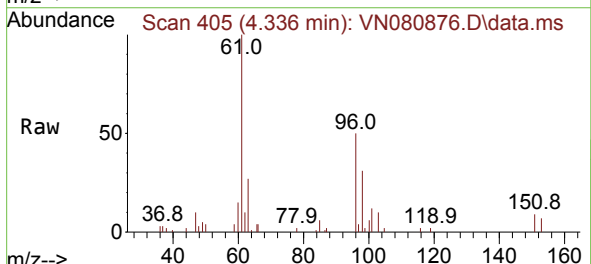
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

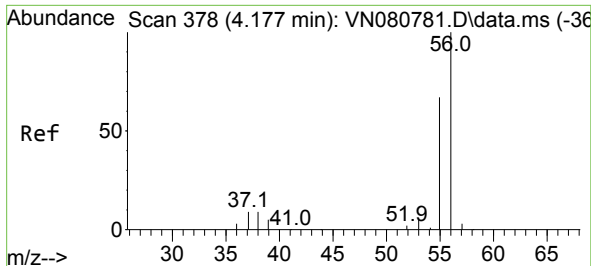
Tgt Ion: 59 Resp: 28429
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.493 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

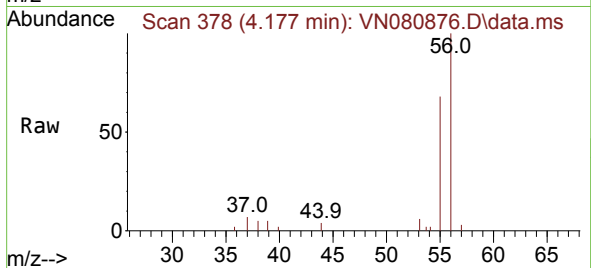
Tgt Ion: 96 Resp: 23194
Ion Ratio Lower Upper
96 100
61 199.0 138.2 207.4
98 62.4 49.2 73.8



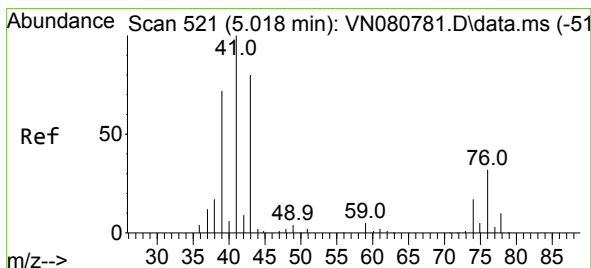
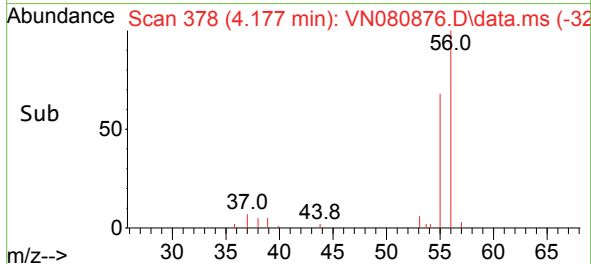
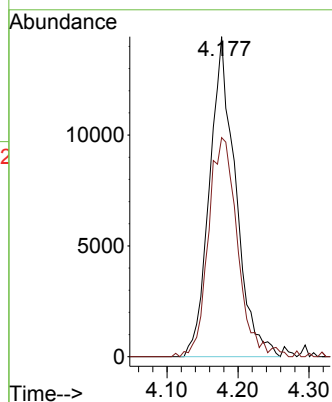


#13
Acrolein
Concen: 115.423 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

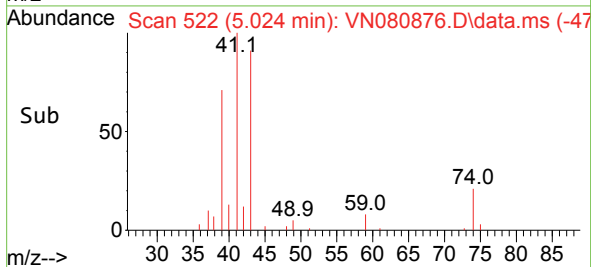
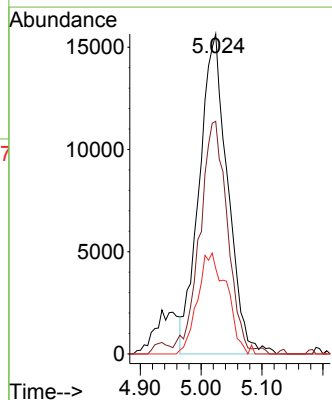
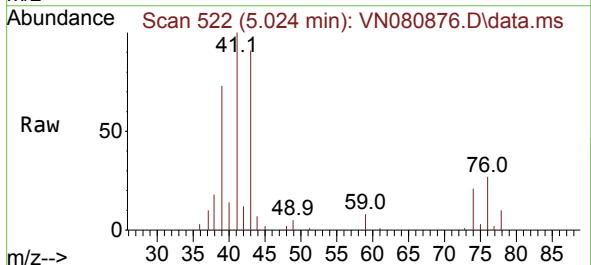


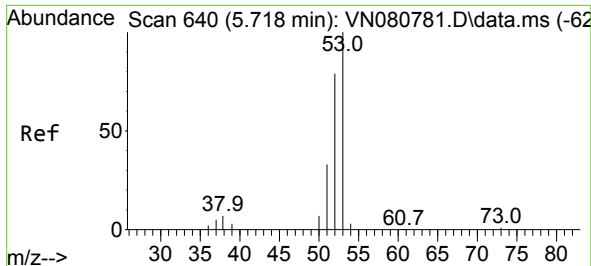
Tgt Ion: 56 Resp: 36676
Ion Ratio Lower Upper
56 100
55 75.9 55.3 82.9



#14
Allyl chloride
Concen: 20.472 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion: 41 Resp: 50751
Ion Ratio Lower Upper
41 100
39 68.1 57.7 86.5
76 32.4 26.8 40.2

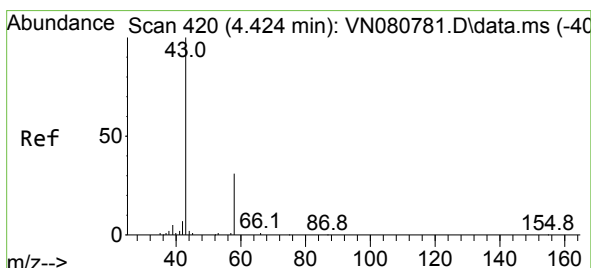
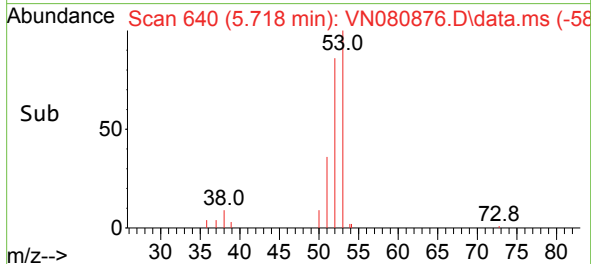
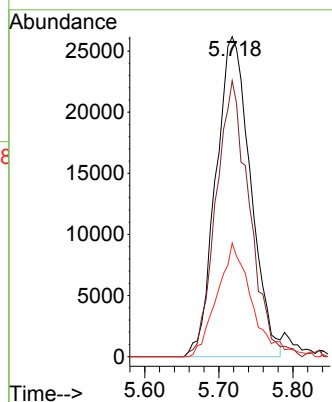
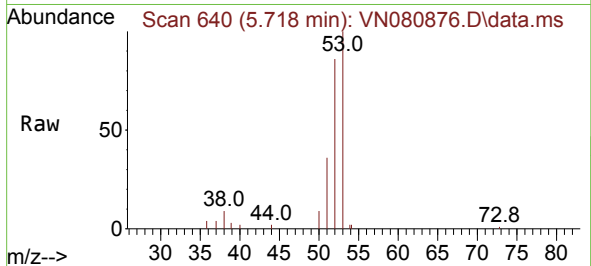




#15
Acrylonitrile
Concen: 112.215 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

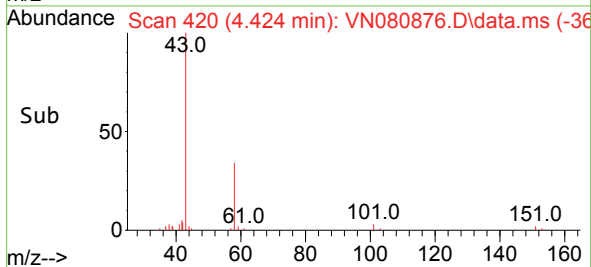
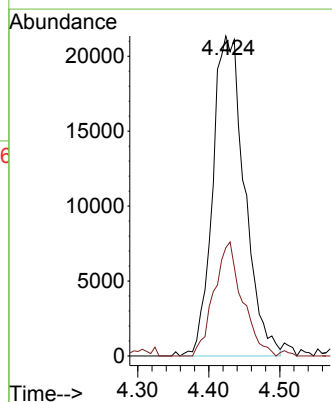
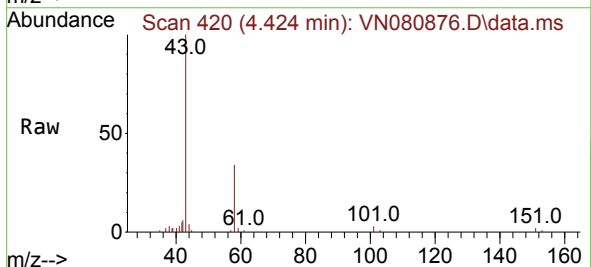
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

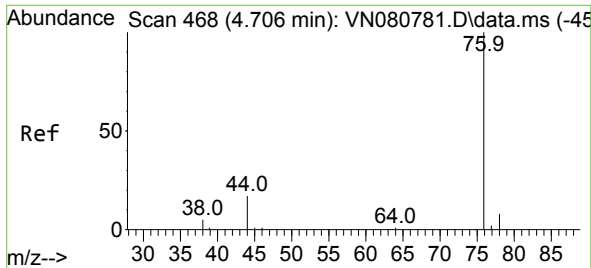
Tgt Ion: 53 Resp: 85038
Ion Ratio Lower Upper
53 100
52 83.4 64.8 97.2
51 35.8 26.9 40.3



#16
Acetone
Concen: 118.539 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion: 43 Resp: 66453
Ion Ratio Lower Upper
43 100
58 32.8 24.8 37.2

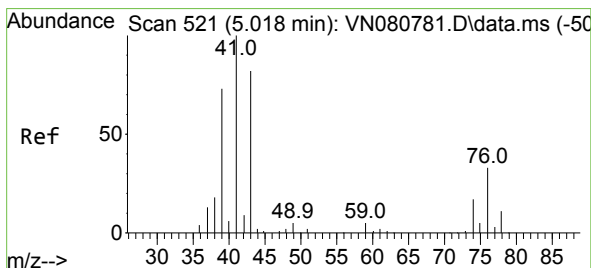
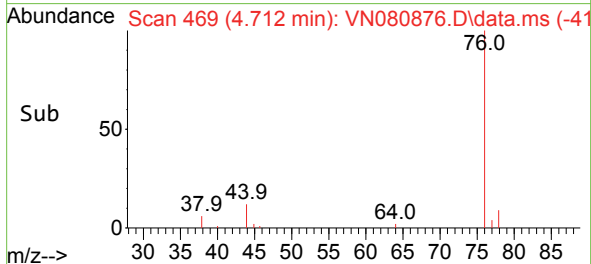
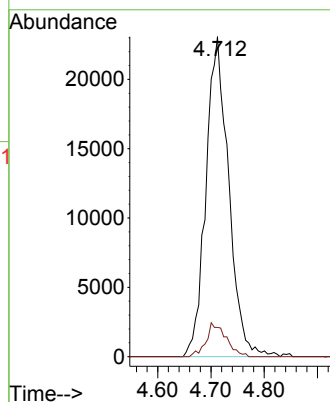
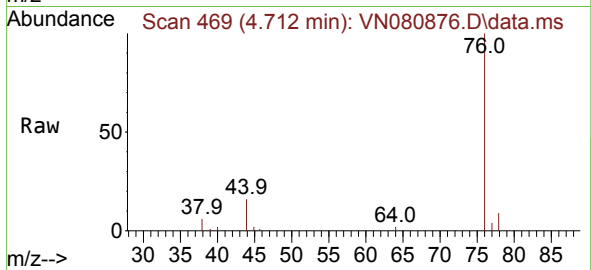




#17
Carbon Disulfide
Concen: 17.531 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

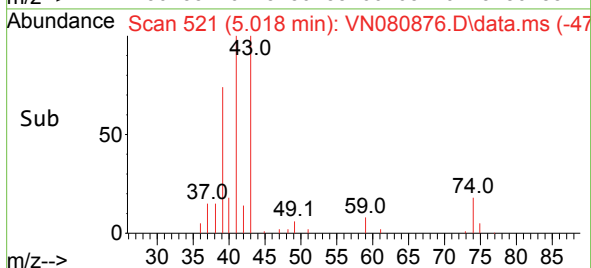
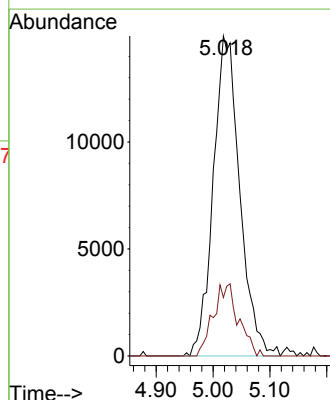
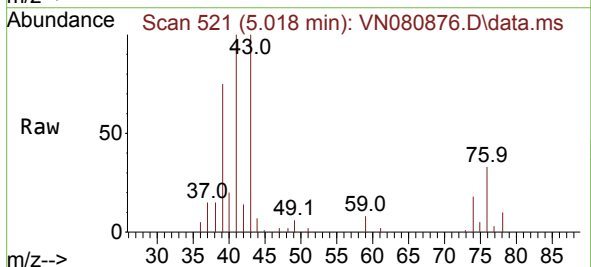
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

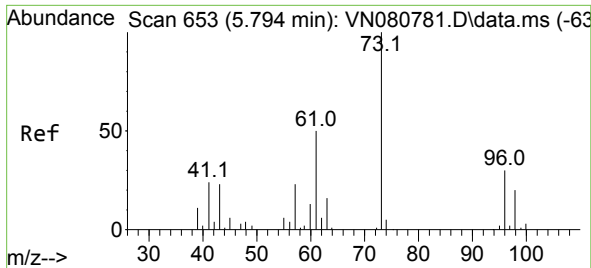
Tgt Ion: 76 Resp: 68451
Ion Ratio Lower Upper
76 100
78 9.2 6.3 9.5



#18
Methyl Acetate
Concen: 24.854 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion: 43 Resp: 48558
Ion Ratio Lower Upper
43 100
74 21.5 17.3 25.9

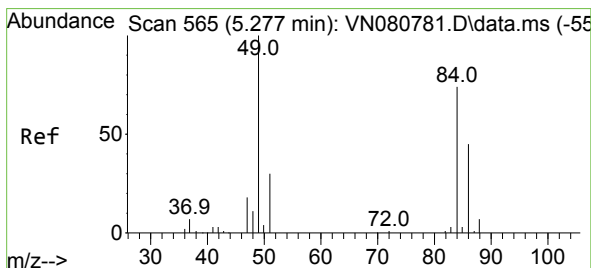
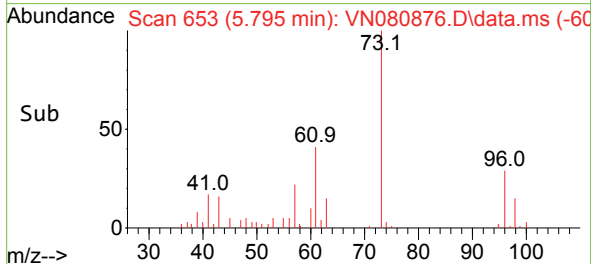
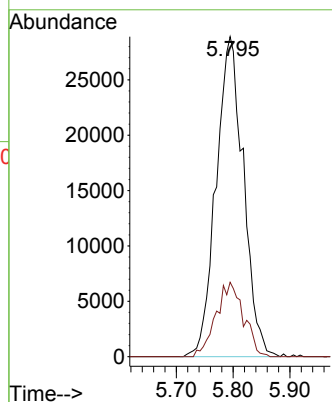
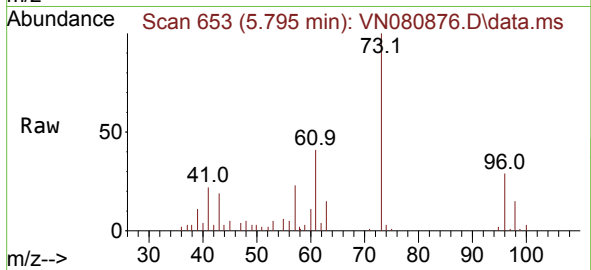




#19
Methyl tert-butyl Ether
Concen: 21.785 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

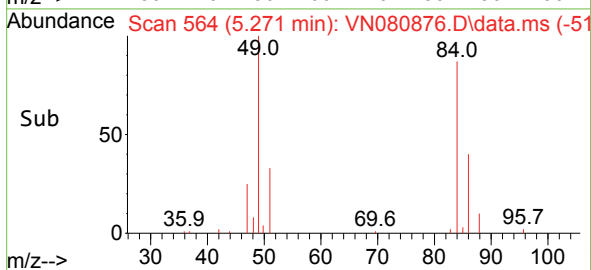
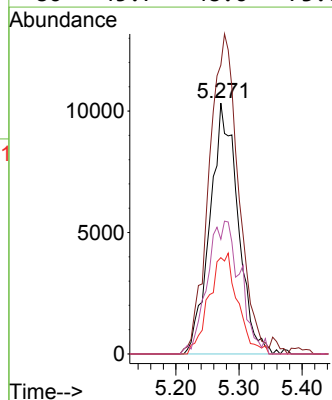
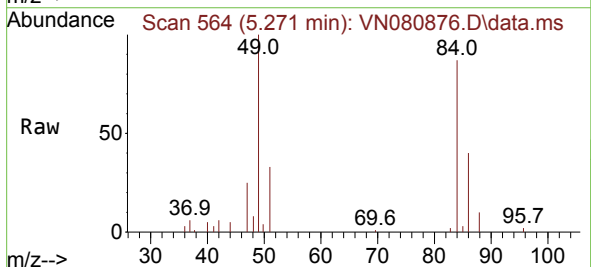
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

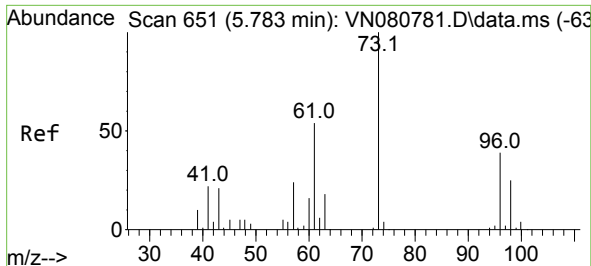
Tgt Ion: 73 Resp: 96275
Ion Ratio Lower Upper
73 100
57 23.2 18.2 27.4



#20
Methylene Chloride
Concen: 21.595 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion: 84 Resp: 31779
Ion Ratio Lower Upper
84 100
49 115.1 108.1 162.1
51 38.4 32.9 49.3
86 45.7 48.6 73.0#

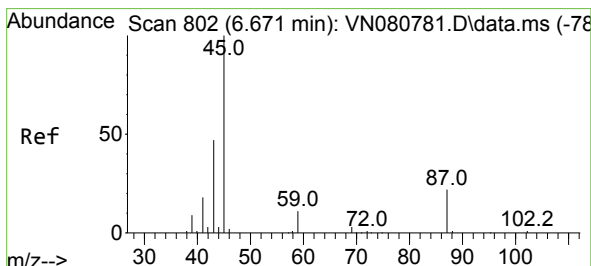
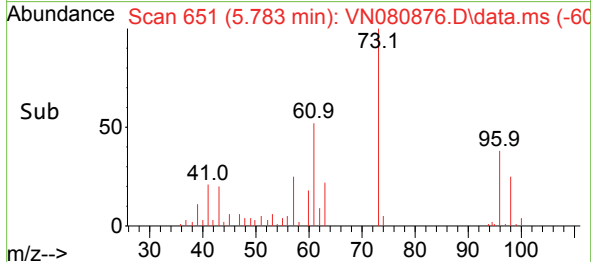
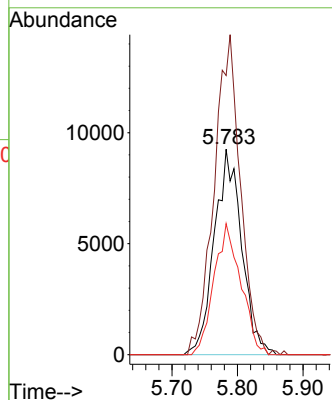
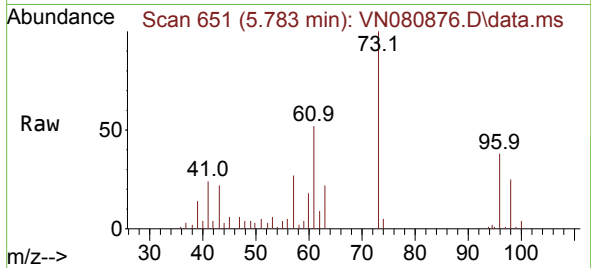




#21
trans-1,2-Dichloroethene
Concen: 19.603 ug/l
RT: 5.783 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

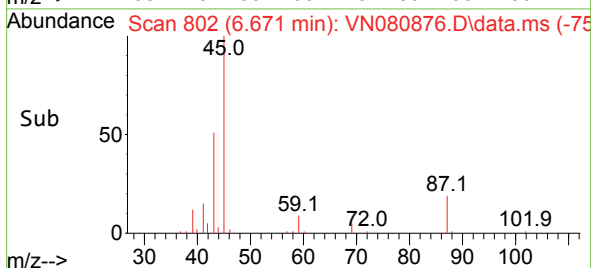
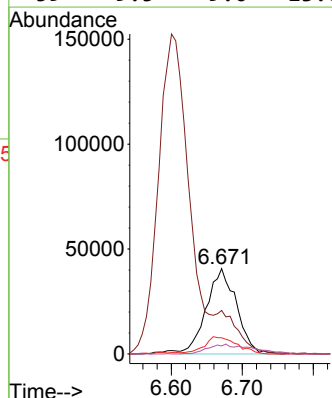
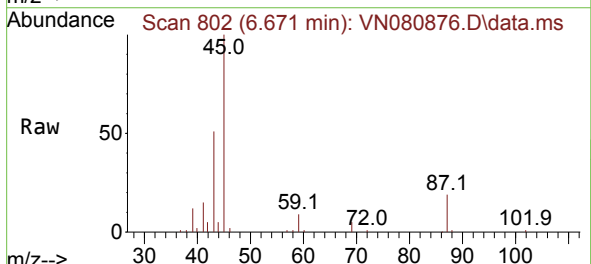
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

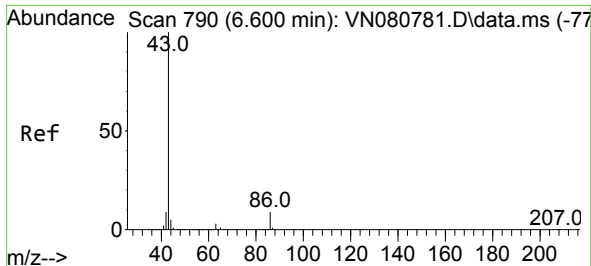
Tgt Ion: 96 Resp: 26711
Ion Ratio Lower Upper
96 100
61 135.9 112.8 169.2
98 63.8 51.0 76.4



#22
Diisopropyl ether
Concen: 21.805 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion: 45 Resp: 119268
Ion Ratio Lower Upper
45 100
43 49.6 41.8 62.8
87 19.0 18.1 27.1
59 9.5 9.0 13.6

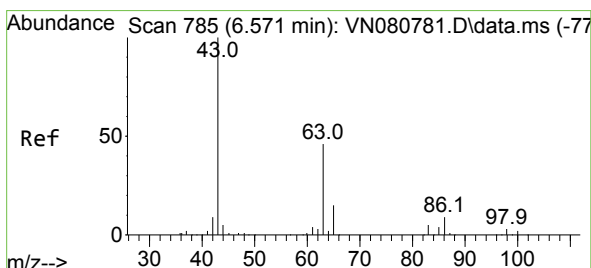
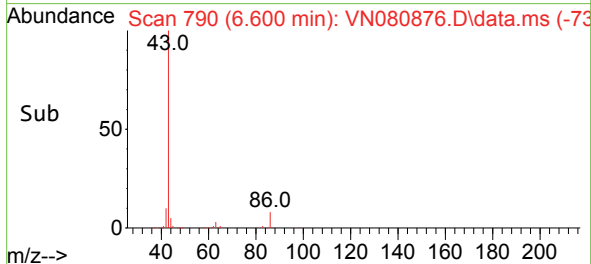
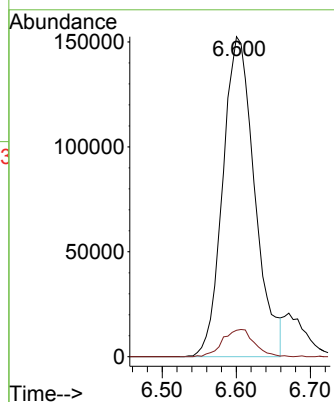
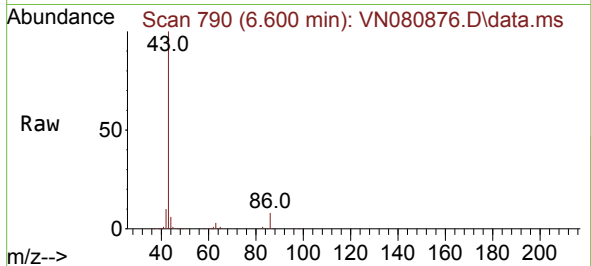




#23
 Vinyl Acetate
 Concen: 114.959 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080876.D
 Acq: 02 Feb 2024 16:16

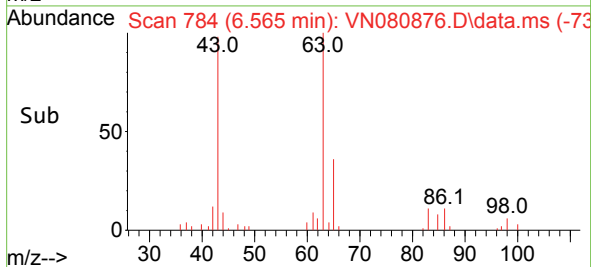
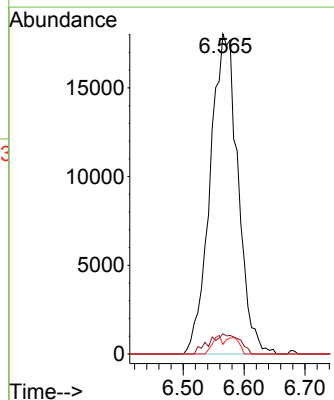
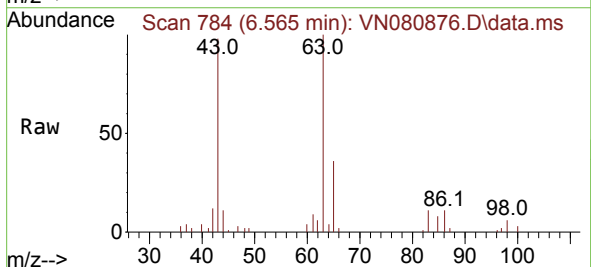
Instrument :
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 ClientSampleId :
 VN0202WBSD01

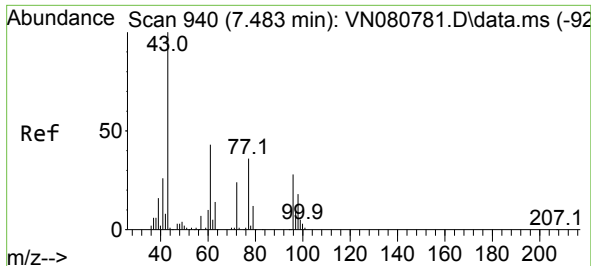
Tgt Ion: 43 Resp: 454971
 Ion Ratio Lower Upper
 43 100
 86 8.3 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 20.676 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080876.D
 Acq: 02 Feb 2024 16:16

Tgt Ion: 63 Resp: 57357
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.9 8.6
 100 3.0 1.9 5.7

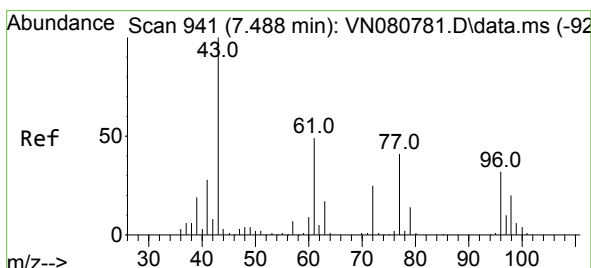
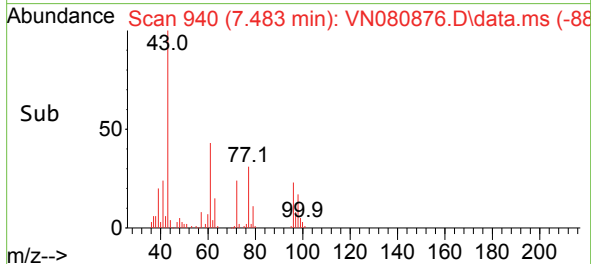
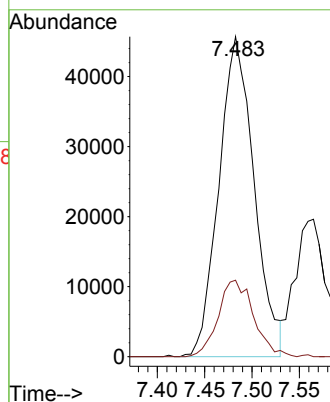
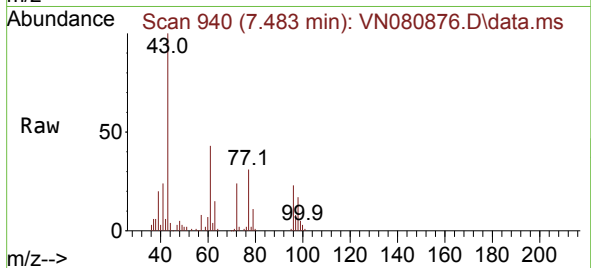




#25
2-Butanone
Concen: 111.061 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

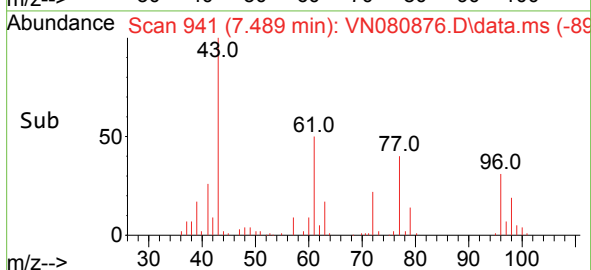
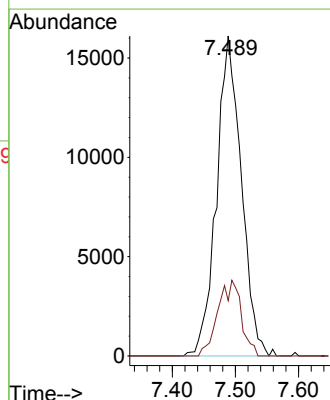
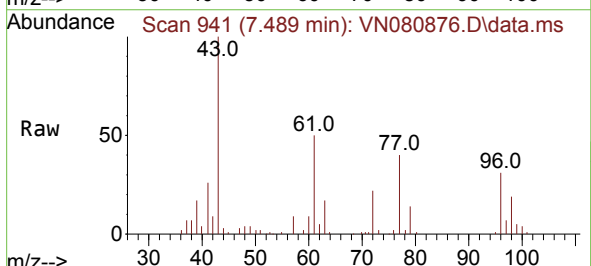
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

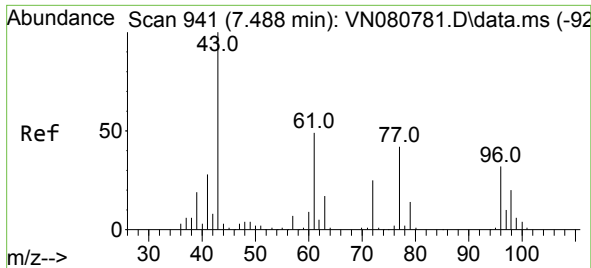
Tgt Ion: 43 Resp: 118259
Ion Ratio Lower Upper
43 100
72 23.9 19.5 29.3



#26
2,2-Dichloropropane
Concen: 19.580 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion: 77 Resp: 43900
Ion Ratio Lower Upper
77 100
97 22.3 11.5 34.5

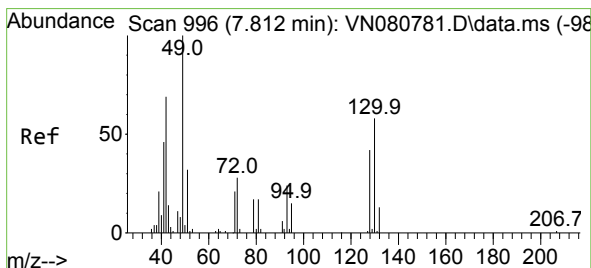
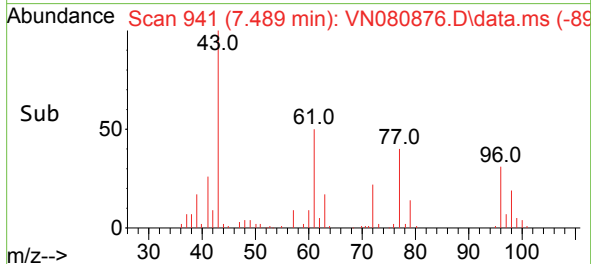
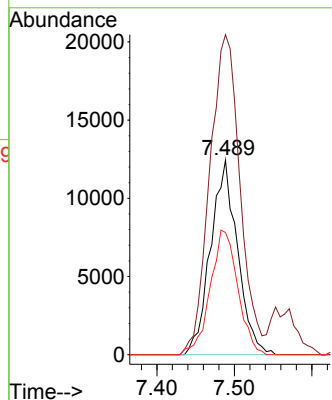
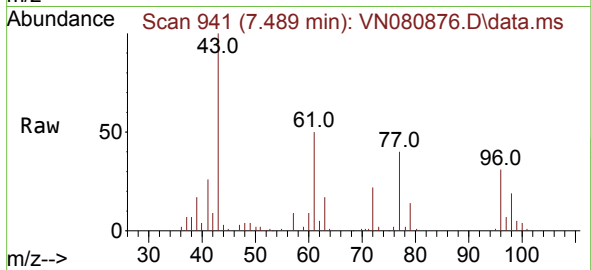




#27
 cis-1,2-Dichloroethene
 Concen: 19.052 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080876.D
 Acq: 02 Feb 2024 16:16

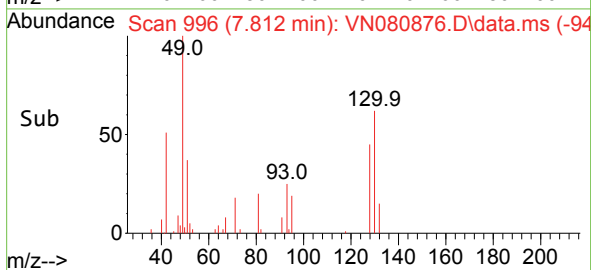
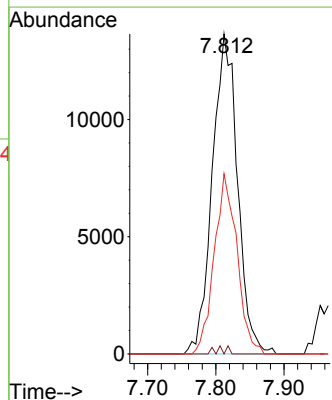
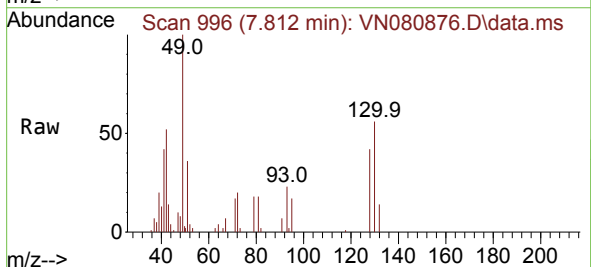
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202WBSD01

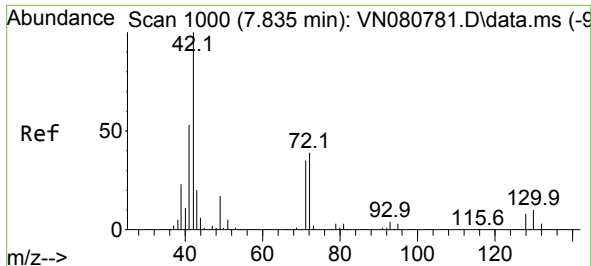
Tgt Ion: 96	Resp: 30051
Ion Ratio	Lower Upper
96	100
61	184.4 0.0 325.4
98	65.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 23.927 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080876.D
 Acq: 02 Feb 2024 16:16

Tgt Ion: 49	Resp: 35141
Ion Ratio	Lower Upper
49	100
129	0.7 0.0 1.6
130	50.8 42.3 63.5





#29

Tetrahydrofuran

Concen: 107.752 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD01

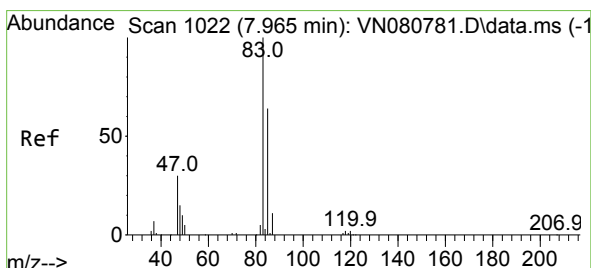
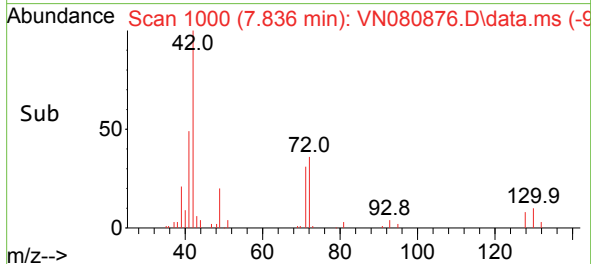
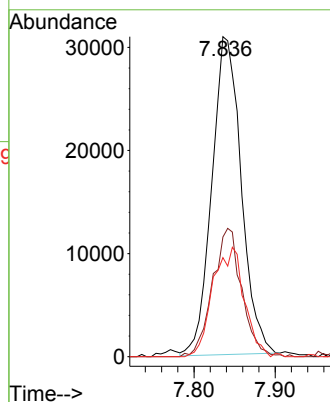
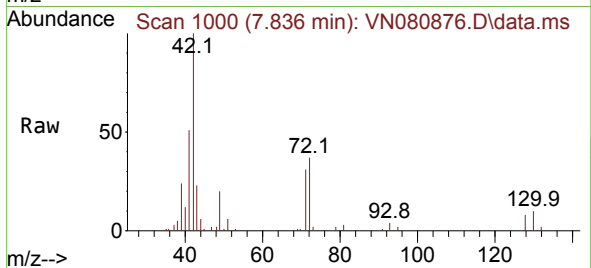
Tgt Ion: 42 Resp: 77637

Ion Ratio Lower Upper

42 100

72 40.1 31.1 46.7

71 36.7 28.3 42.5



#30

Chloroform

Concen: 20.476 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080876.D

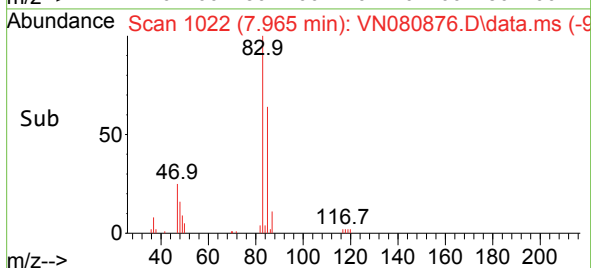
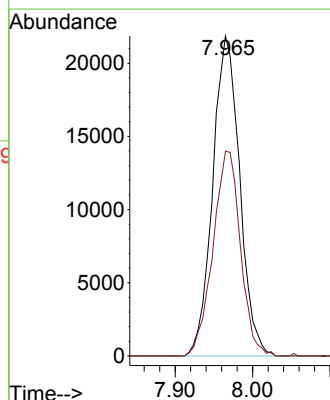
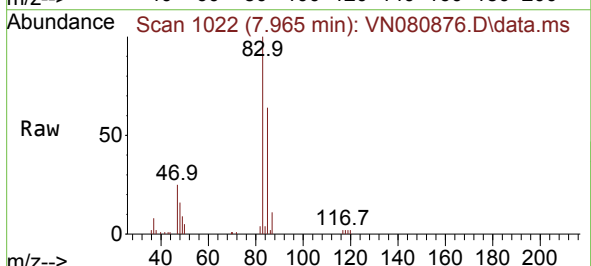
Acq: 02 Feb 2024 16:16

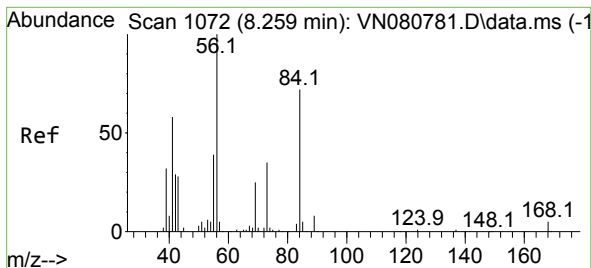
Tgt Ion: 83 Resp: 52770

Ion Ratio Lower Upper

83 100

85 64.0 51.0 76.6





#31

Cyclohexane

Concen: 18.694 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD01

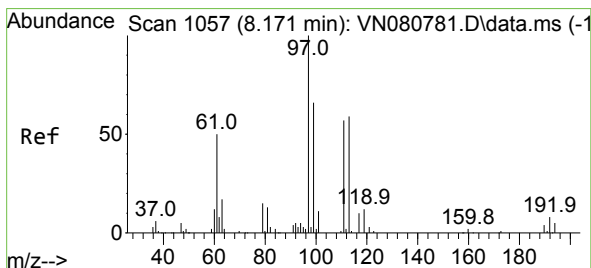
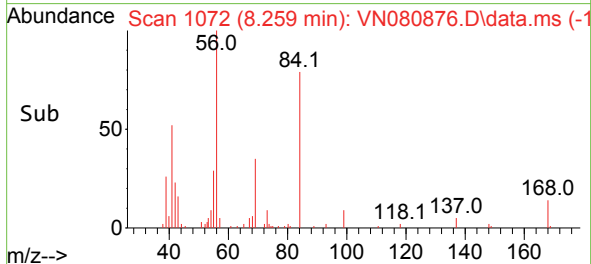
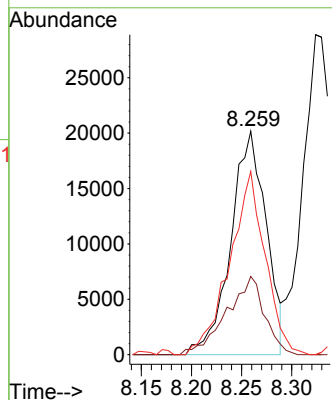
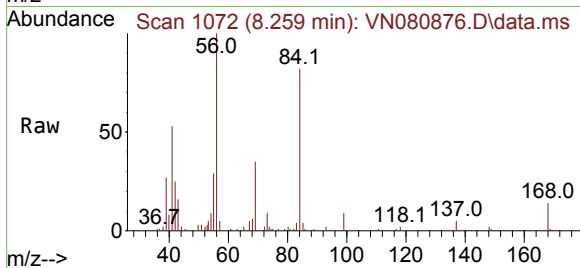
Tgt Ion: 56 Resp: 49550

Ion Ratio Lower Upper

56 100

69 35.0 20.1 30.1#

84 81.9 56.9 85.3



#32

1,1,1-Trichloroethane

Concen: 21.773 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

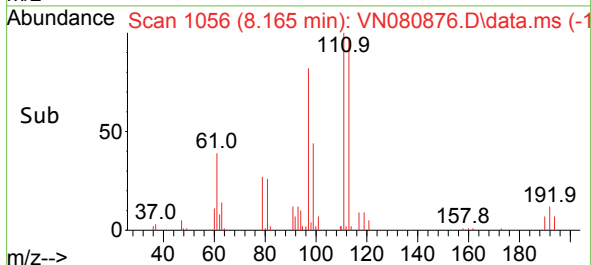
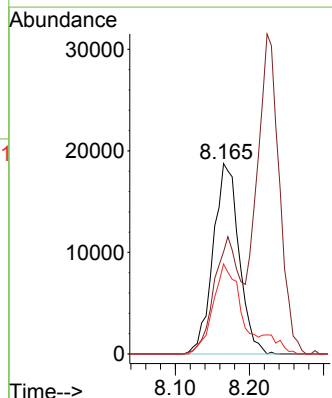
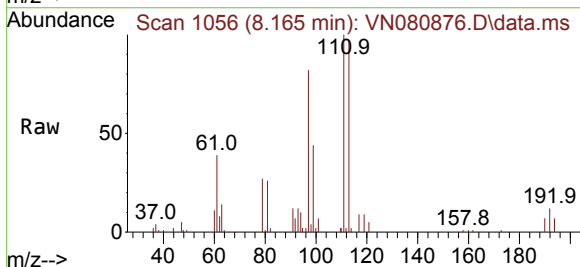
Tgt Ion: 97 Resp: 45503

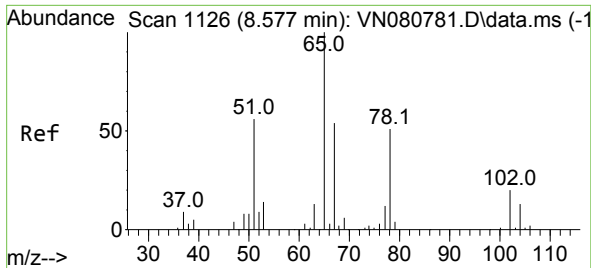
Ion Ratio Lower Upper

97 100

99 62.1 53.4 80.0

61 50.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 49.648 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

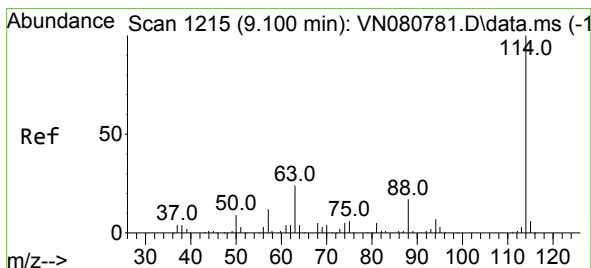
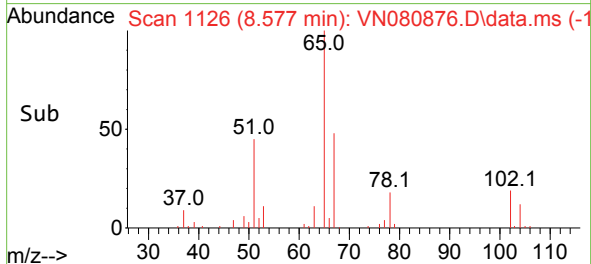
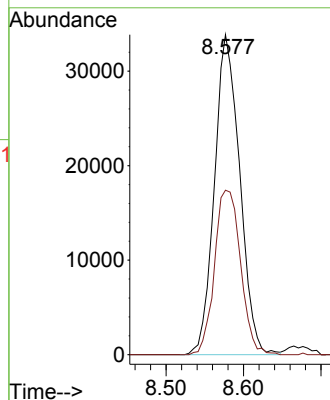
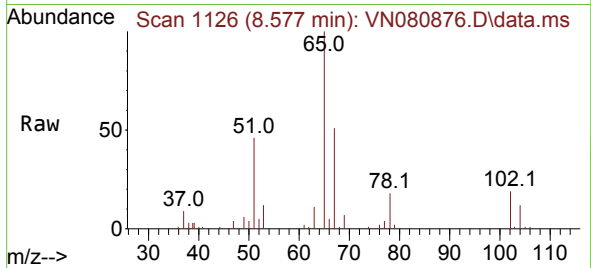
VN0202WBSD01

Tgt Ion: 65 Resp: 76743

Ion Ratio Lower Upper

65 100

67 53.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

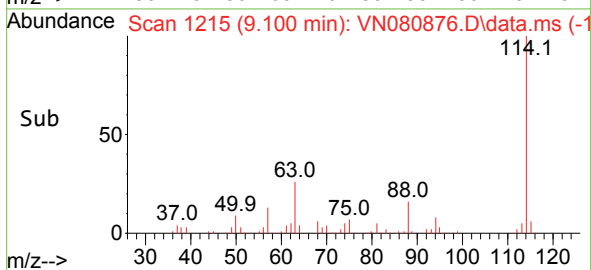
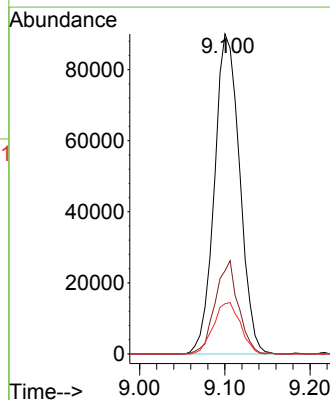
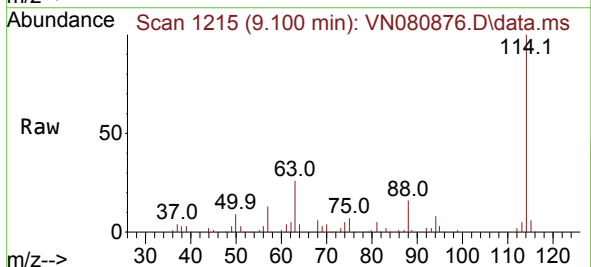
Tgt Ion: 114 Resp: 185226

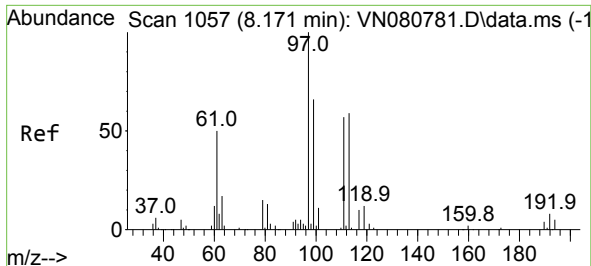
Ion Ratio Lower Upper

114 100

63 26.0 0.0 48.0

88 15.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 47.676 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD01

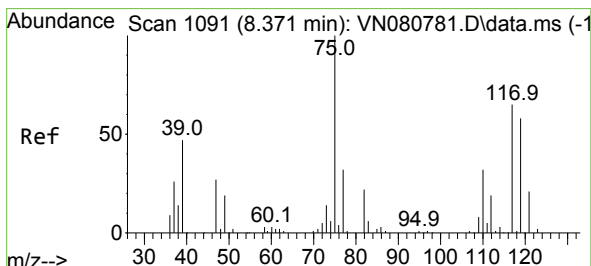
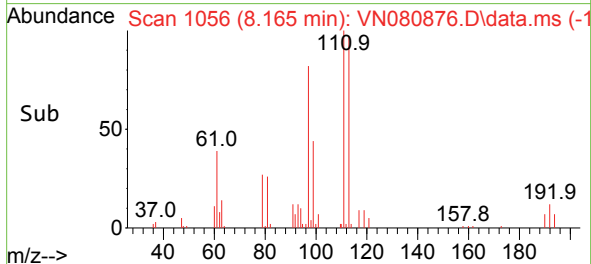
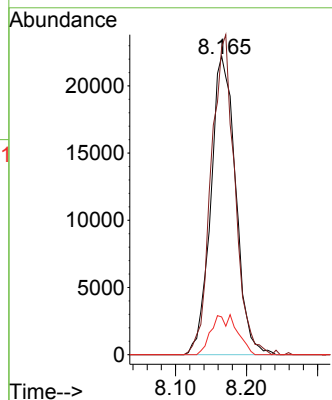
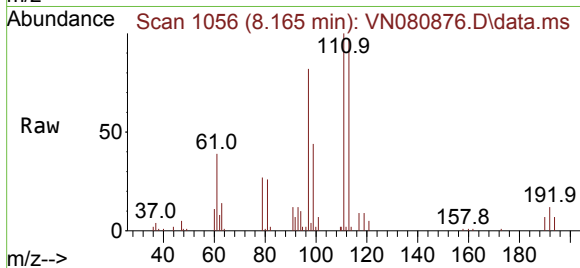
Tgt Ion:113 Resp: 54027

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 13.8 12.5 18.7



#36

1,1-Dichloropropene

Concen: 18.913 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

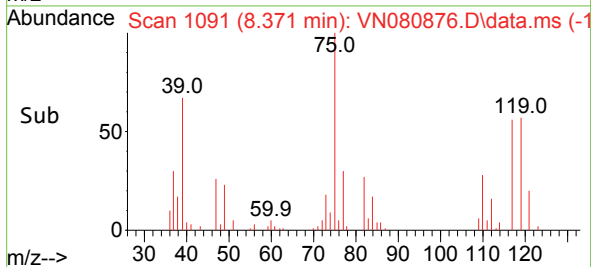
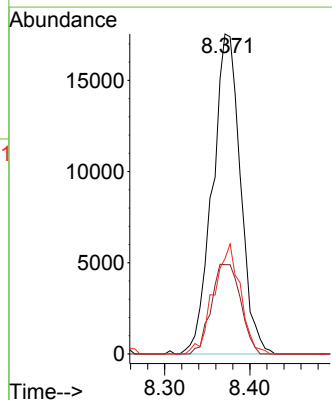
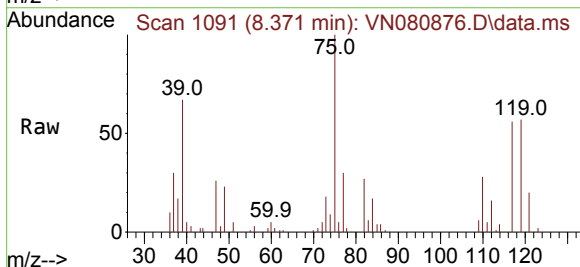
Tgt Ion: 75 Resp: 39837

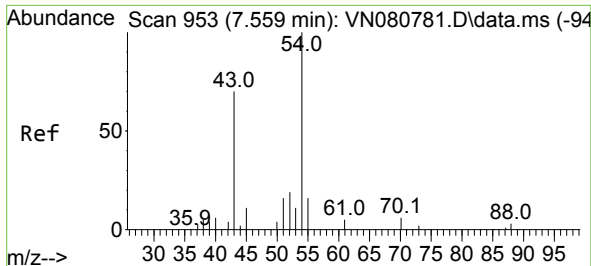
Ion Ratio Lower Upper

75 100

110 29.5 16.0 48.0

77 32.8 25.8 38.6

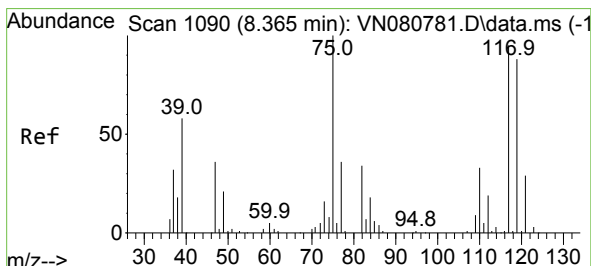
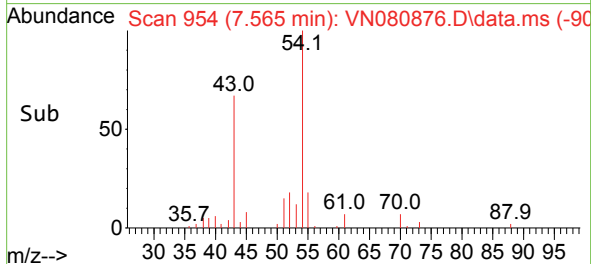
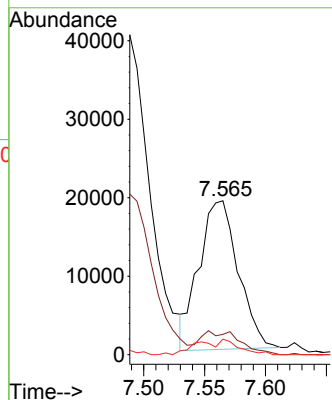
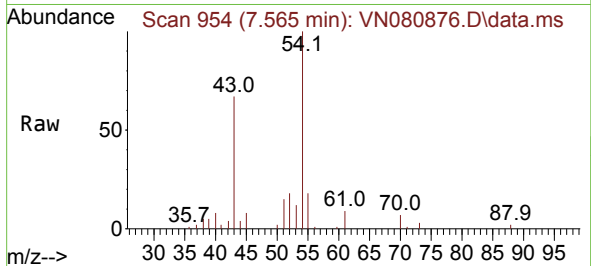




#37
Ethyl Acetate
Concen: 19.634 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

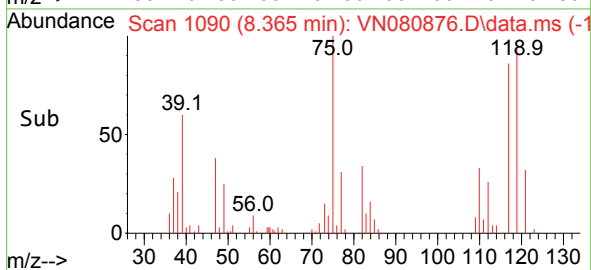
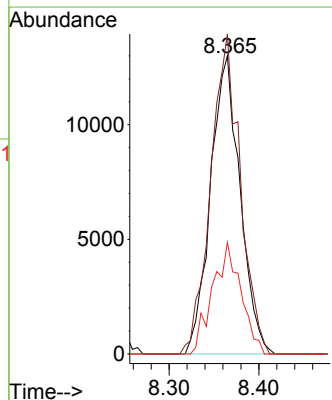
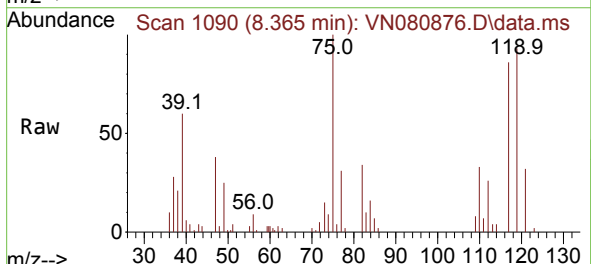
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

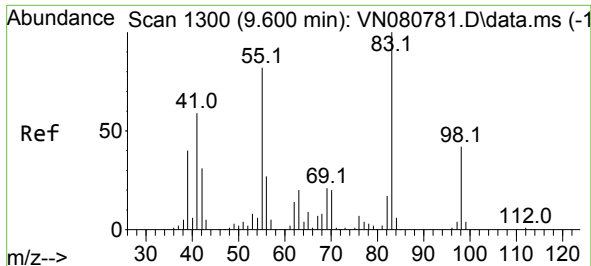
Tgt Ion: 43 Resp: 42572
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 5.2 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 17.483 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion: 117 Resp: 29670
Ion Ratio Lower Upper
117 100
119 107.3 73.4 110.2
121 37.4 24.4 36.6#





#39

Methylcyclohexane

Concen: 18.012 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.006 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD01

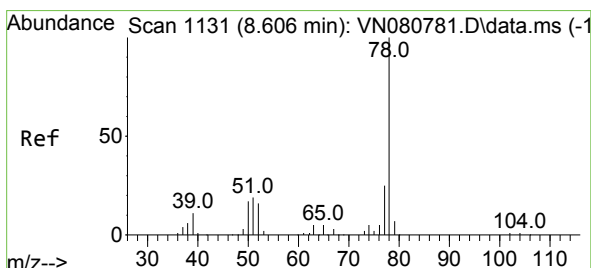
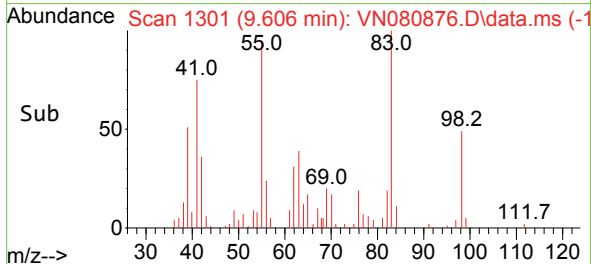
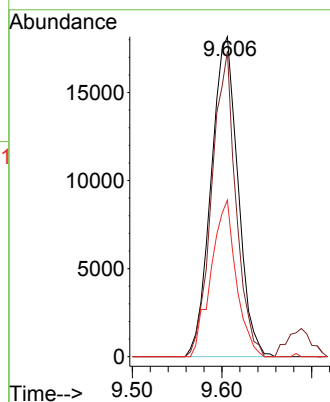
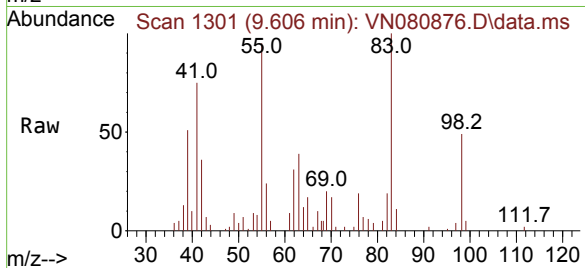
Tgt Ion: 83 Resp: 37710

Ion Ratio Lower Upper

83 100

55 95.5 65.7 98.5

98 48.9 33.8 50.6



#40

Benzene

Concen: 20.557 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080876.D

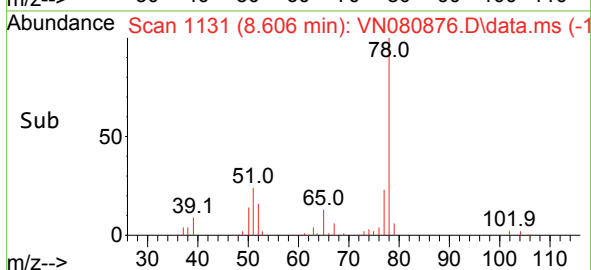
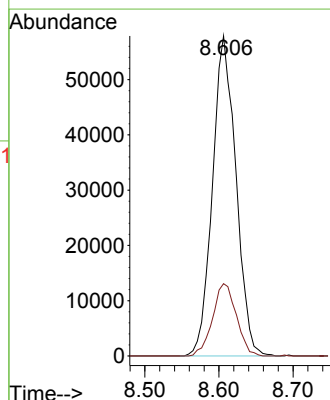
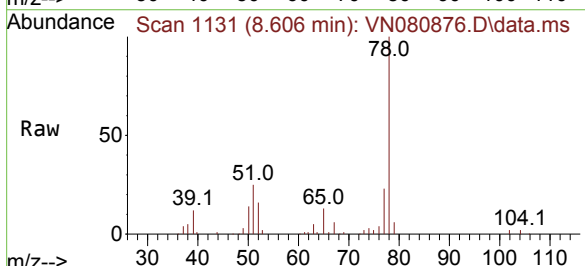
Acq: 02 Feb 2024 16:16

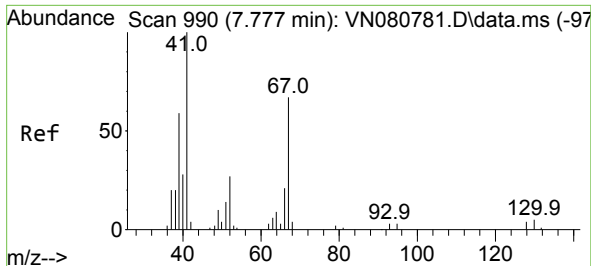
Tgt Ion: 78 Resp: 127259

Ion Ratio Lower Upper

78 100

77 22.6 20.4 30.6

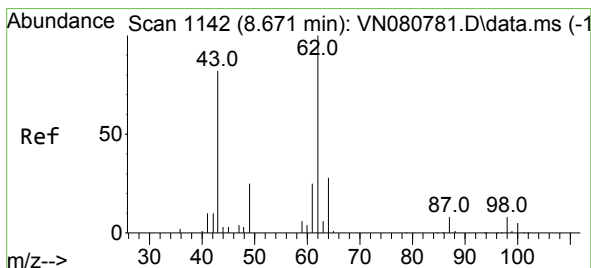
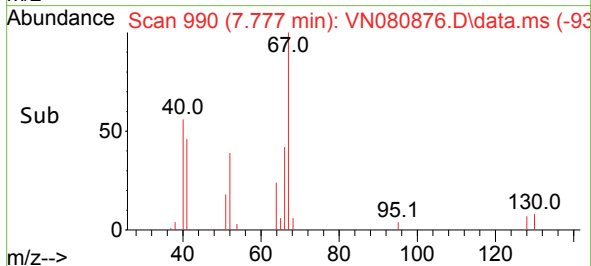
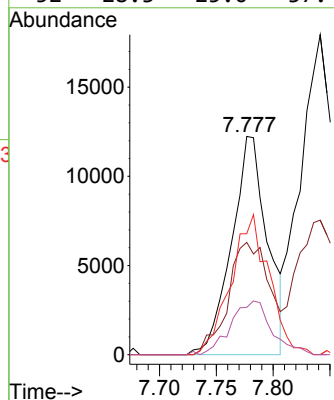
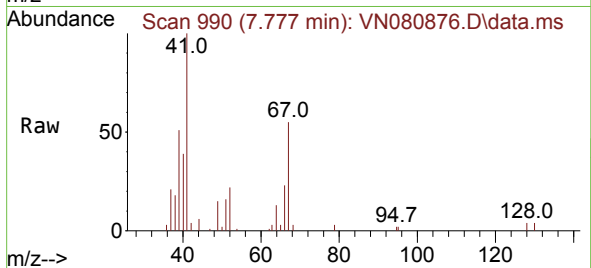




#41
Methacrylonitrile
Concen: 20.989 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

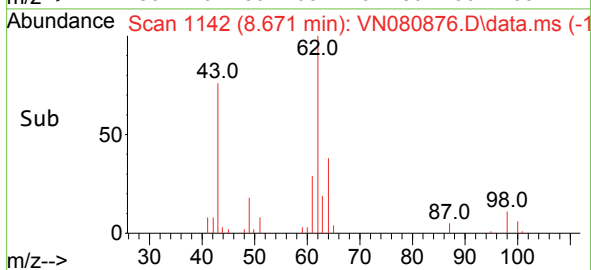
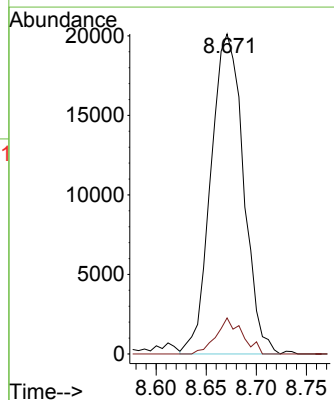
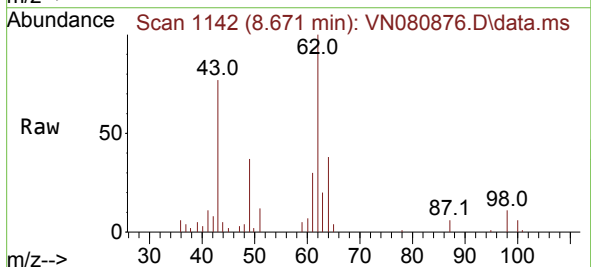
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

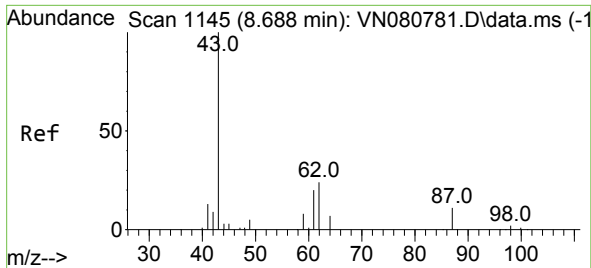
Tgt Ion:	41	Resp:	26823
Ion	Ratio	Lower	Upper
41	100		
39	59.5	48.4	72.6
67	68.4	56.8	85.2
52	28.3	25.0	37.4



#42
1,2-Dichloroethane
Concen: 22.546 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion:	62	Resp:	45471
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

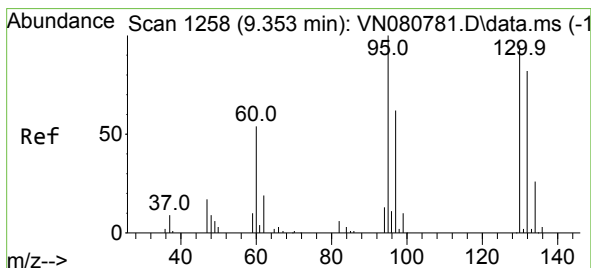
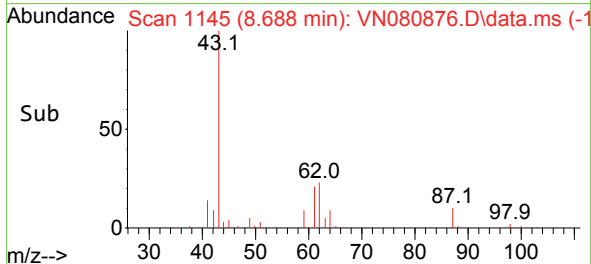
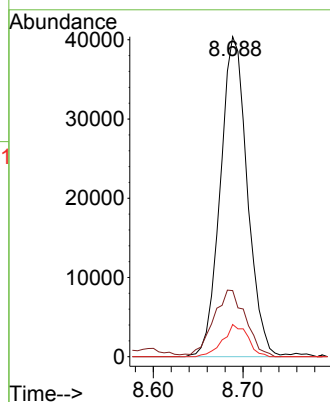
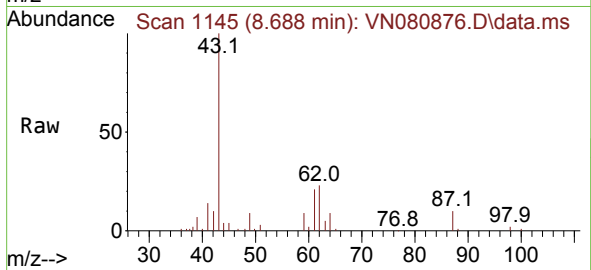




#43
Isopropyl Acetate
Concen: 21.355 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

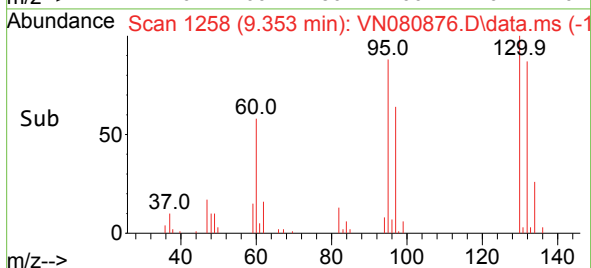
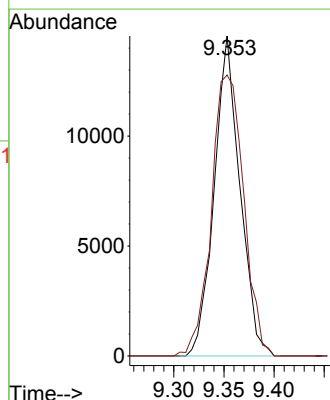
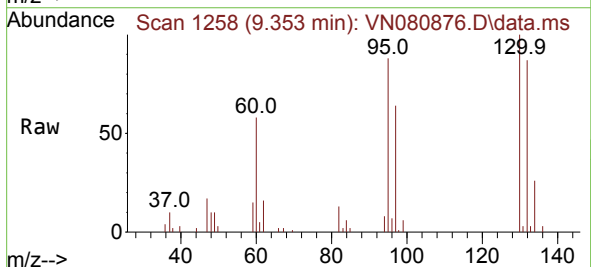
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

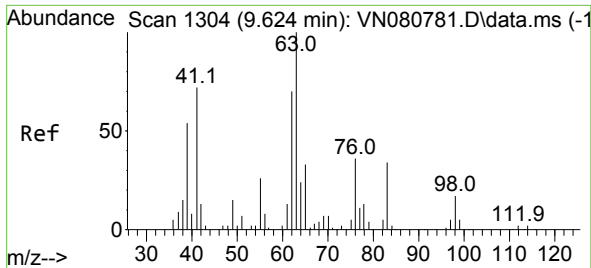
Tgt Ion: 43 Resp: 84302
Ion Ratio Lower Upper
43 100
61 25.0 19.9 29.9
87 9.3 9.0 13.6



#44
Trichloroethene
Concen: 19.046 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion:130 Resp: 25969
Ion Ratio Lower Upper
130 100
95 87.8 0.0 210.4

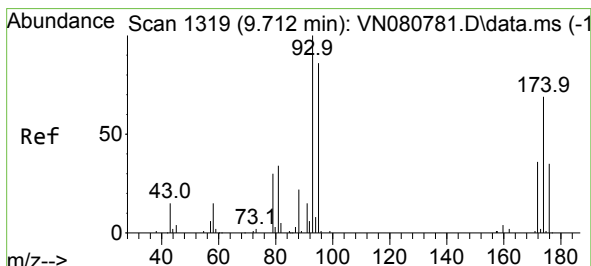
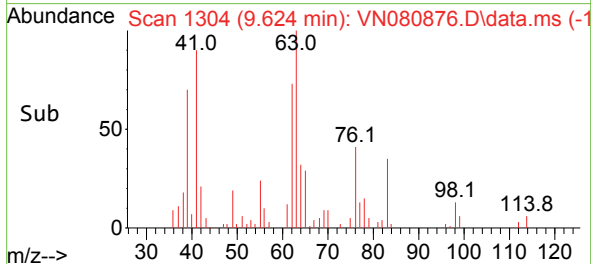
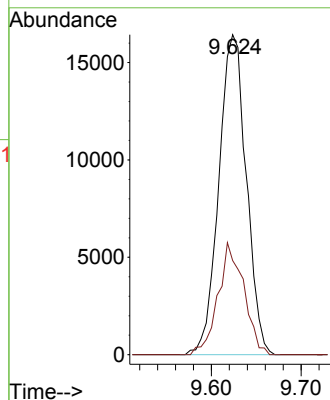
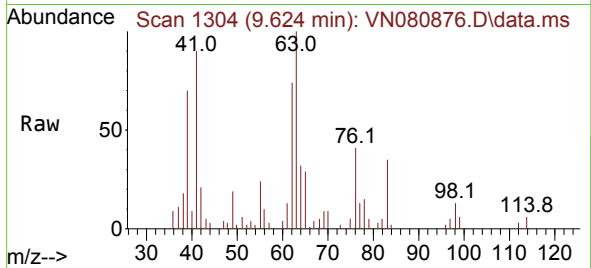




#45
1,2-Dichloropropane
Concen: 20.830 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

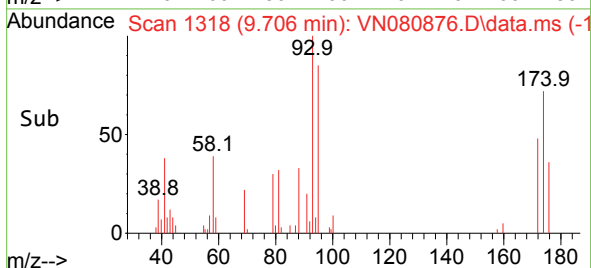
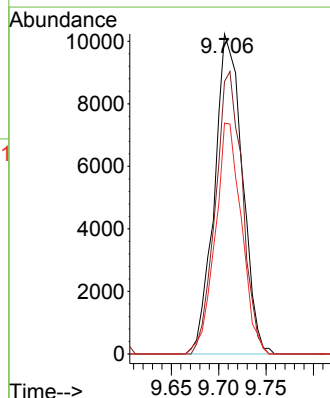
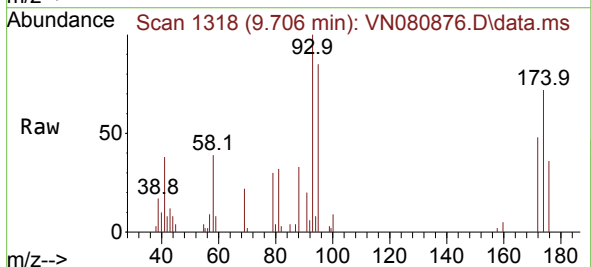
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

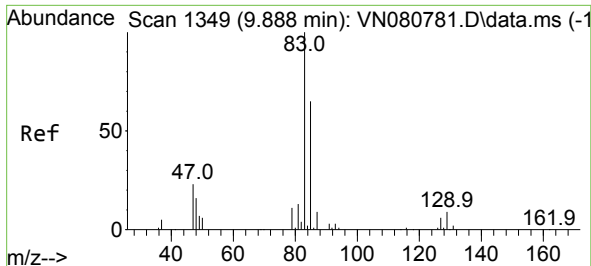
Tgt Ion: 63 Resp: 34896
Ion Ratio Lower Upper
63 100
65 29.4 26.1 39.1



#46
Dibromomethane
Concen: 21.139 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion: 93 Resp: 20994
Ion Ratio Lower Upper
93 100
95 84.9 68.1 102.1
174 68.1 57.2 85.8





#47

Bromodichloromethane

Concen: 20.563 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD01

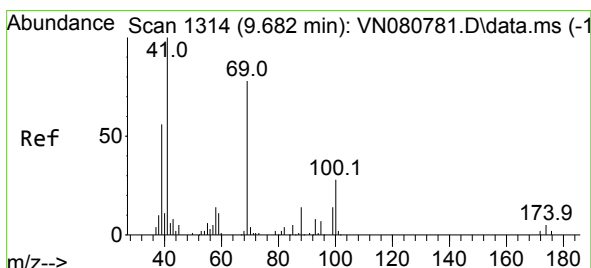
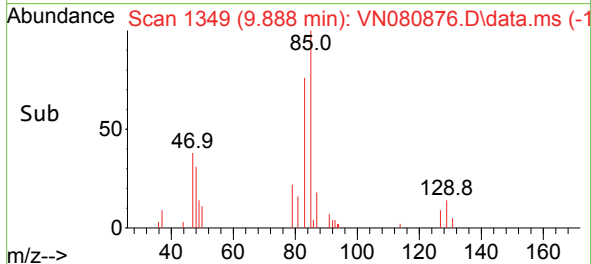
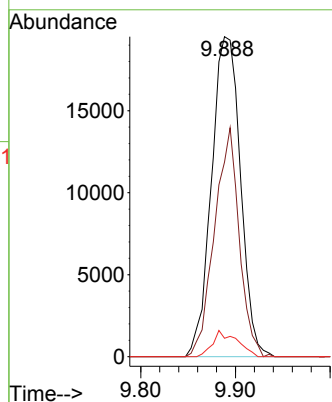
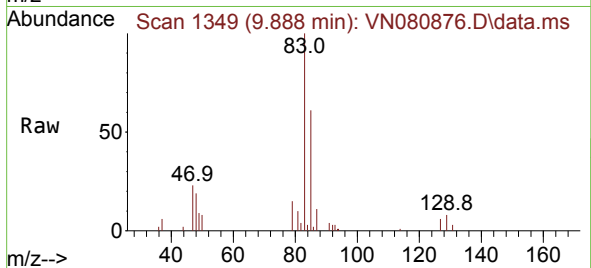
Tgt Ion: 83 Resp: 41461

Ion Ratio Lower Upper

83 100

85 60.8 52.3 78.5

127 5.8 4.6 7.0



#48

Methyl methacrylate

Concen: 20.008 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

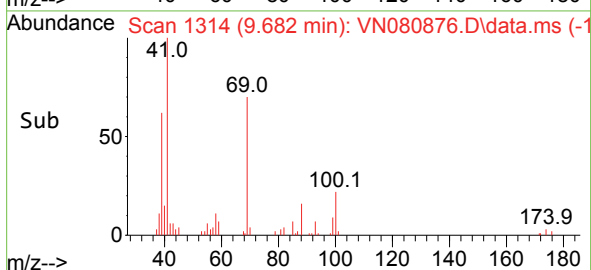
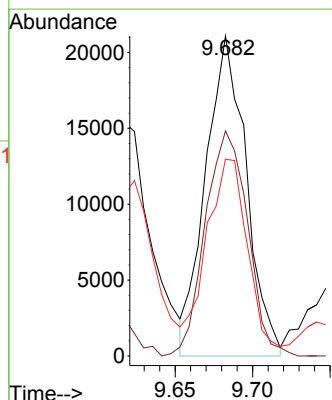
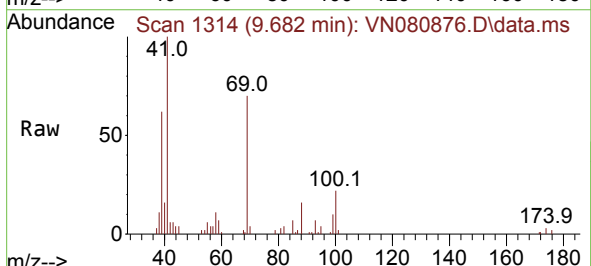
Tgt Ion: 41 Resp: 38291

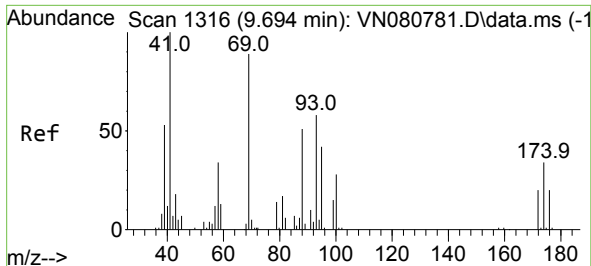
Ion Ratio Lower Upper

41 100

69 73.6 62.2 93.2

39 63.0 47.6 71.4





#49

1,4-Dioxane

Concen: 504.020 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD01

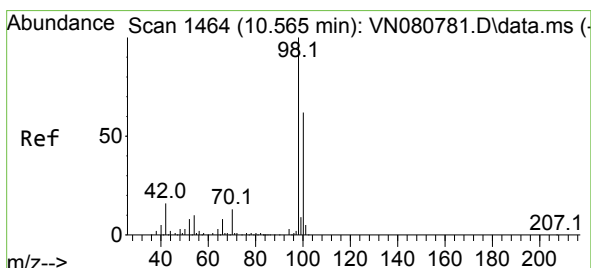
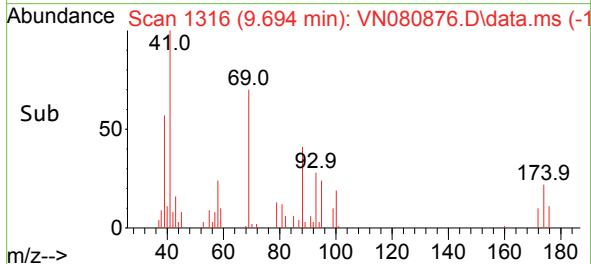
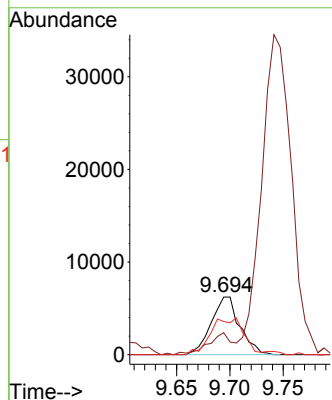
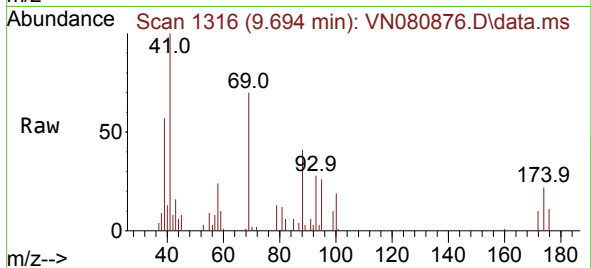
Tgt Ion: 88 Resp: 11619

Ion Ratio Lower Upper

88 100

43 32.0 30.1 45.1

58 72.8 63.9 95.9



#50

Toluene-d8

Concen: 45.101 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080876.D

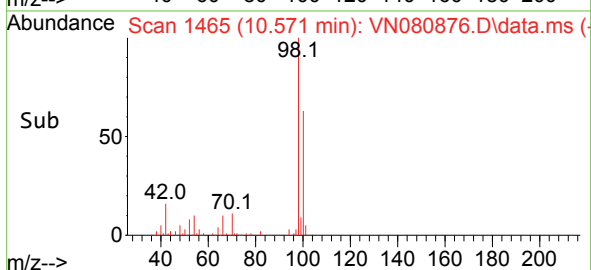
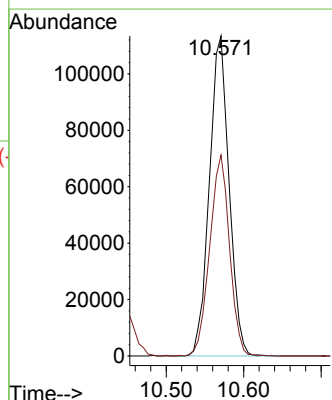
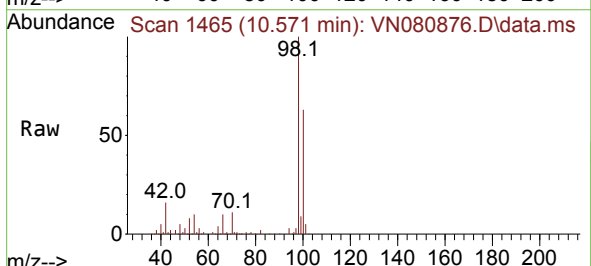
Acq: 02 Feb 2024 16:16

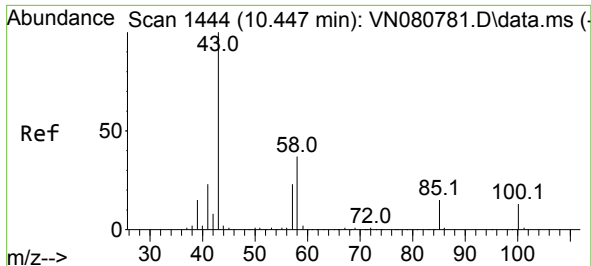
Tgt Ion: 98 Resp: 200038

Ion Ratio Lower Upper

98 100

100 63.1 51.4 77.0

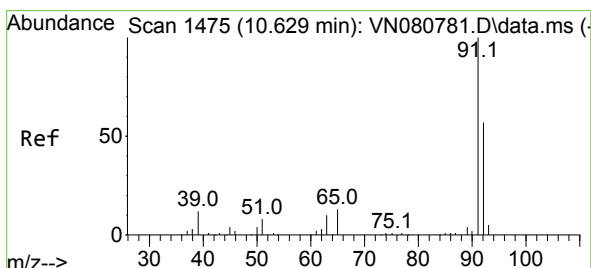
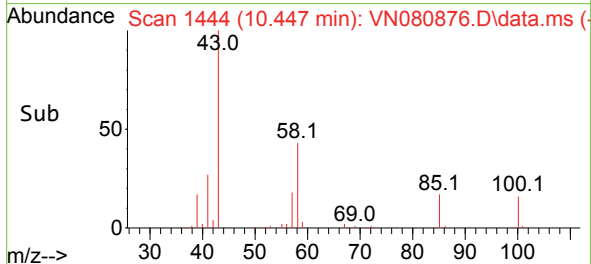
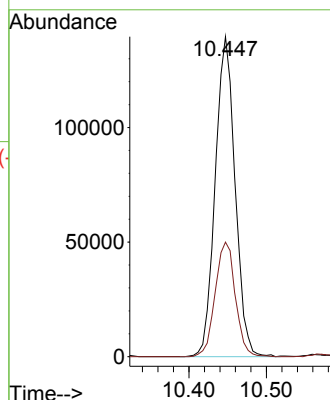
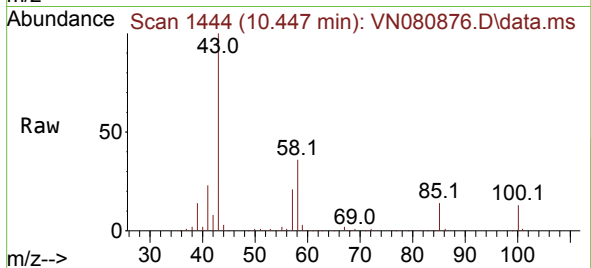




#51
4-Methyl-2-Pentanone
Concen: 112.602 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

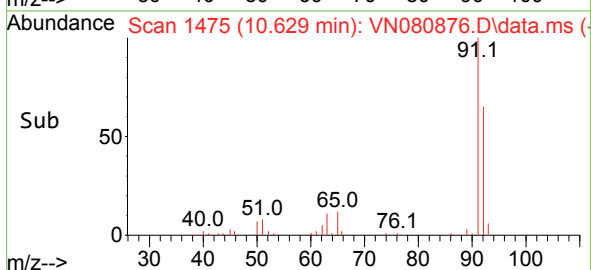
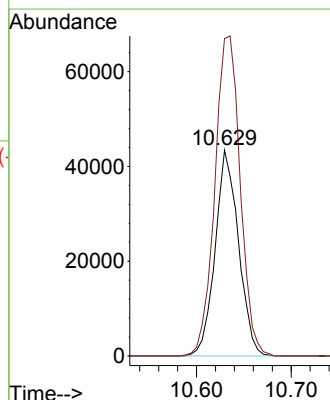
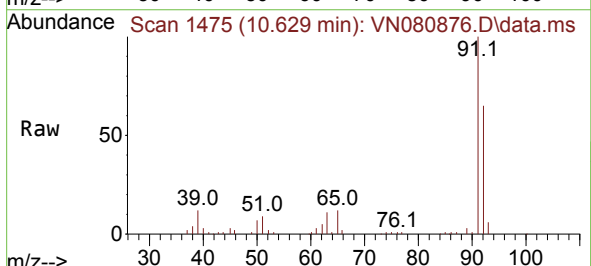
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

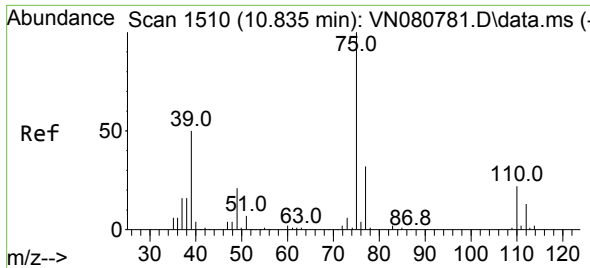
Tgt Ion: 43 Resp: 248493
Ion Ratio Lower Upper
43 100
58 36.4 29.4 44.0



#52
Toluene
Concen: 20.929 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion: 92 Resp: 74288
Ion Ratio Lower Upper
92 100
91 169.5 139.4 209.0

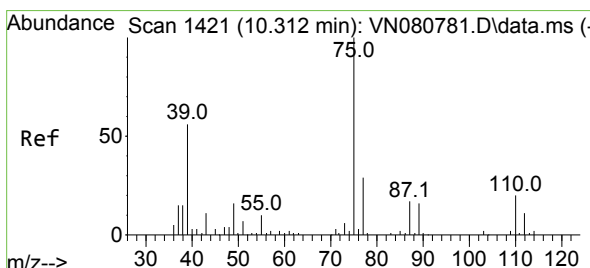
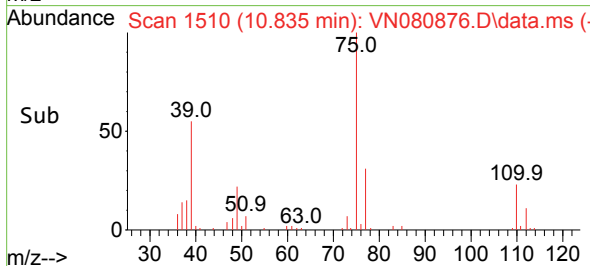
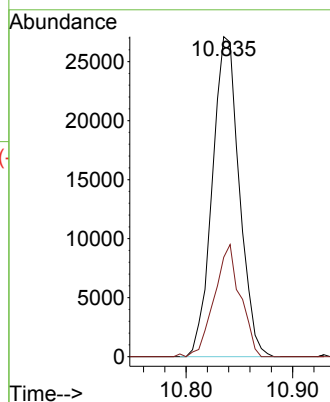
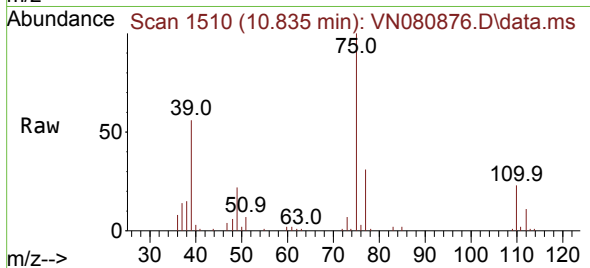




#53
 t-1,3-Dichloropropene
 Concen: 20.286 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080876.D
 Acq: 02 Feb 2024 16:16

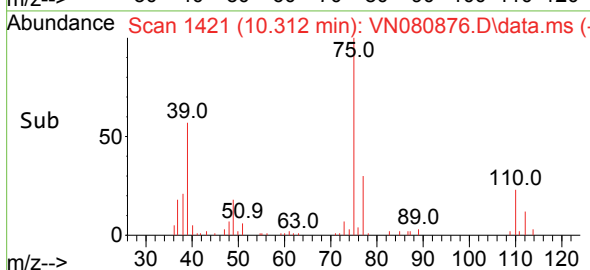
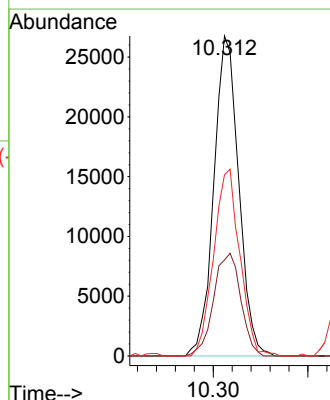
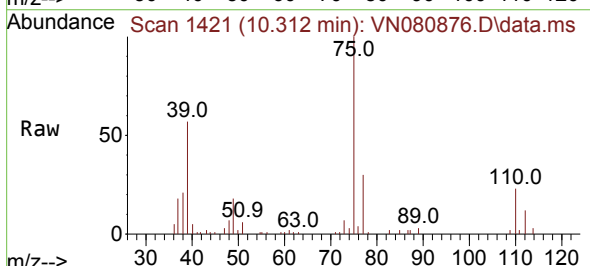
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202WBSD01

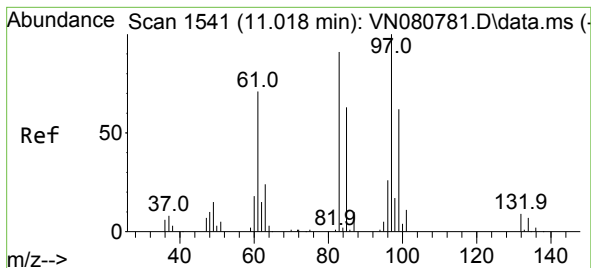
Tgt Ion: 75 Resp: 47650
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.098 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080876.D
 Acq: 02 Feb 2024 16:16

Tgt Ion: 75 Resp: 48783
 Ion Ratio Lower Upper
 75 100
 77 30.0 23.3 34.9
 39 56.6 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 21.762 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD01

Tgt Ion: 97 Resp: 29685

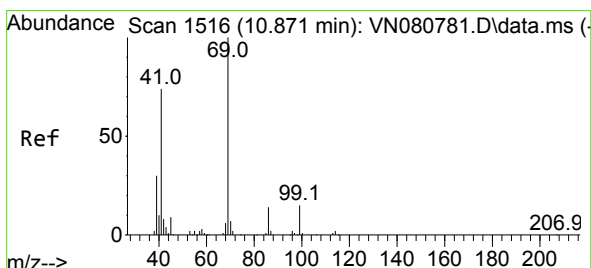
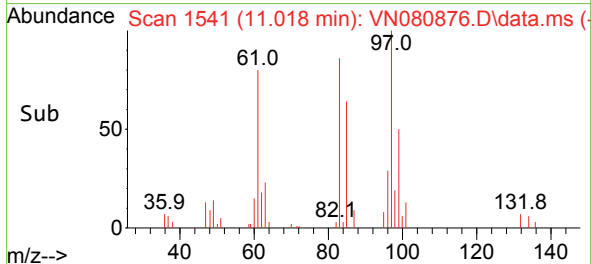
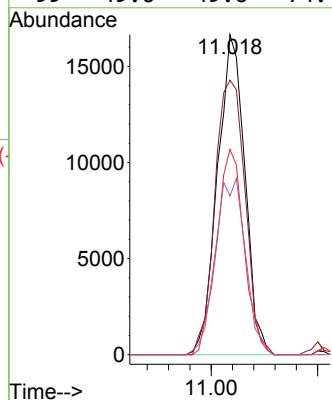
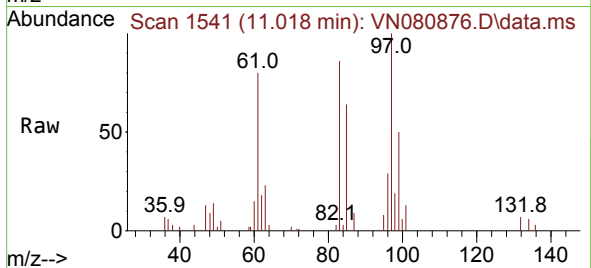
Ion Ratio Lower Upper

97 100

83 85.8 72.9 109.3

85 64.1 50.2 75.2

99 49.6 49.6 74.4#



#56

Ethyl methacrylate

Concen: 22.893 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

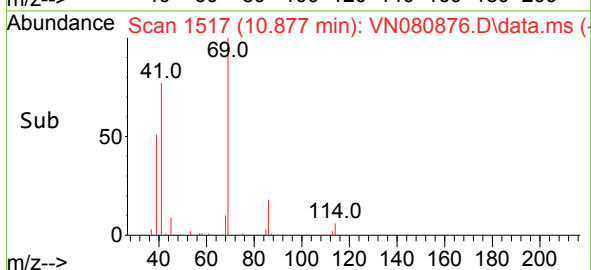
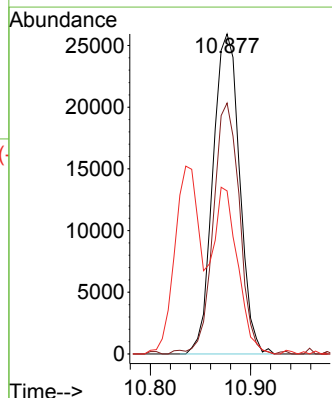
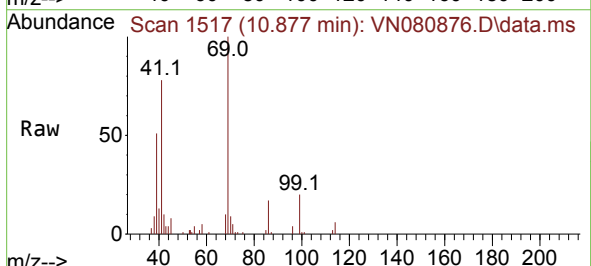
Tgt Ion: 69 Resp: 48006

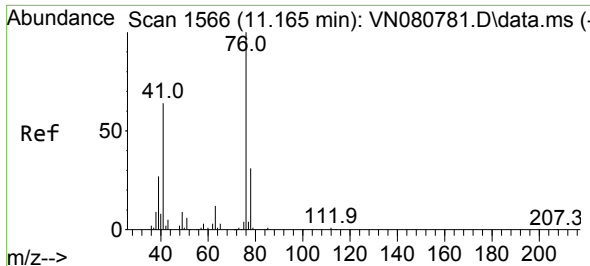
Ion Ratio Lower Upper

69 100

41 76.7 61.0 91.6

39 43.4 31.8 47.6





#57

1,3-Dichloropropane

Concen: 22.664 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

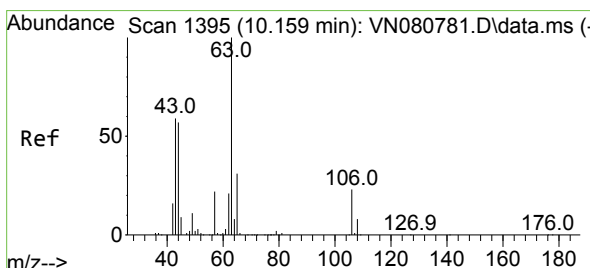
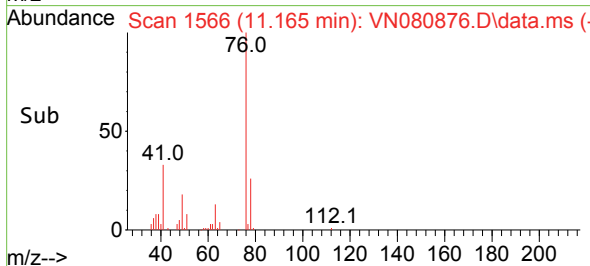
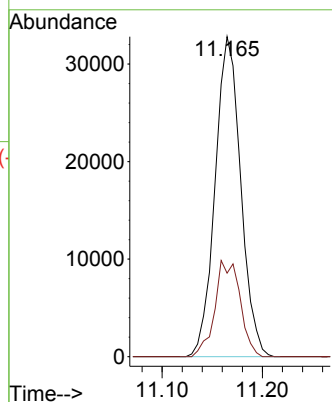
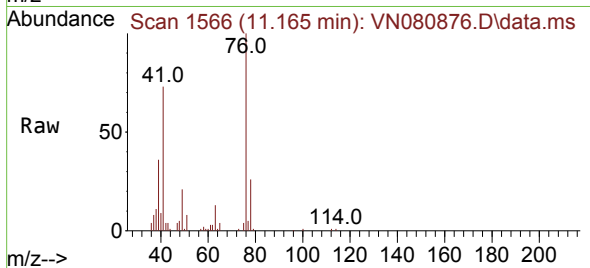
VN0202WBSD01

Tgt Ion: 76 Resp: 58183

Ion Ratio Lower Upper

76 100

78 29.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 117.620 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080876.D

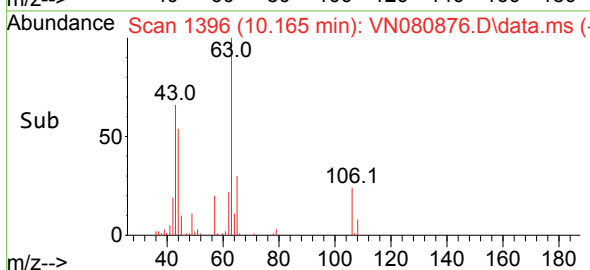
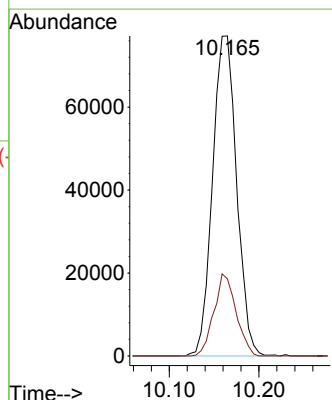
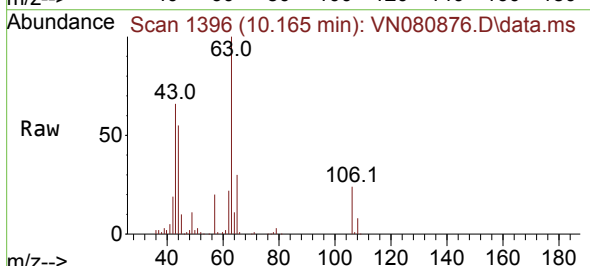
Acq: 02 Feb 2024 16:16

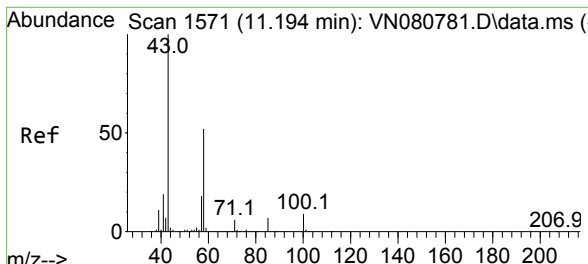
Tgt Ion: 63 Resp: 143785

Ion Ratio Lower Upper

63 100

106 23.6 18.6 28.0

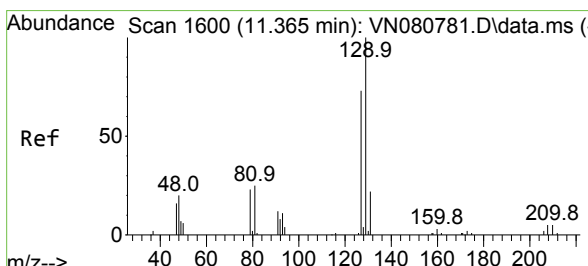
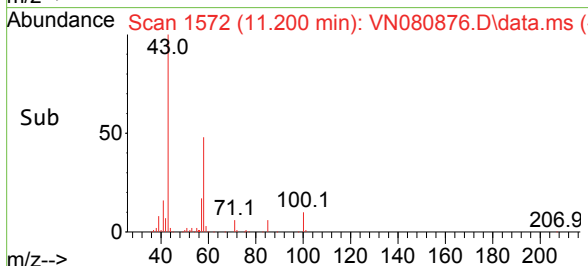
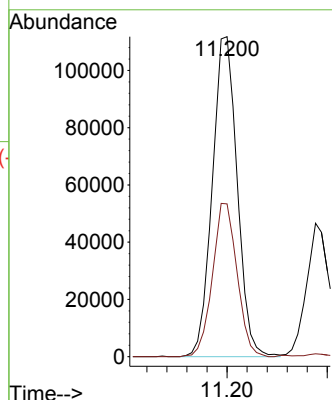
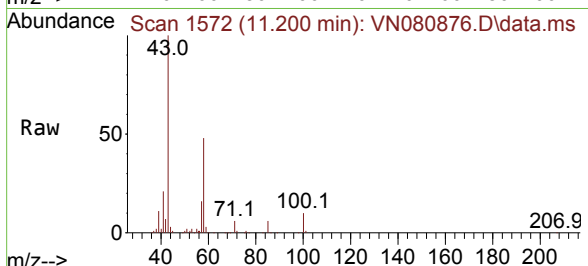




#59
2-Hexanone
Concen: 112.540 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

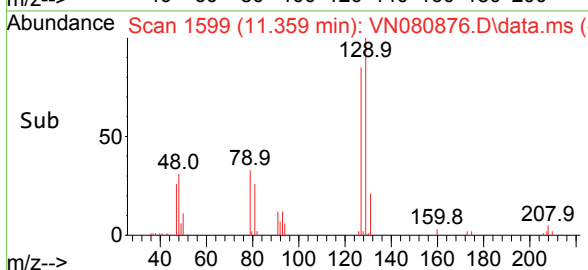
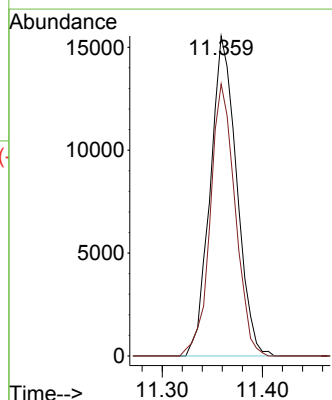
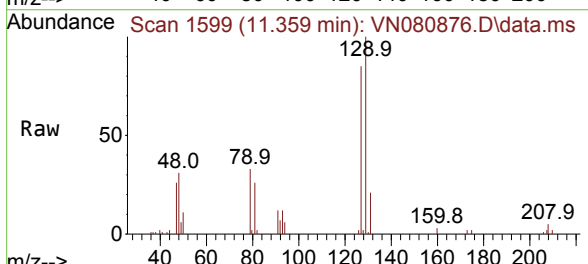
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

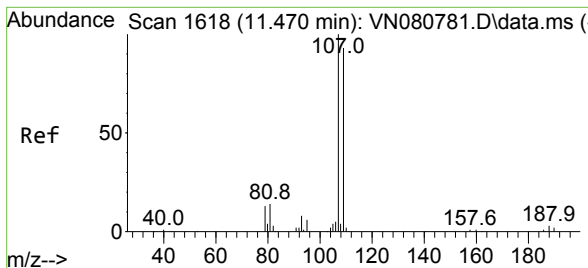
Tgt Ion: 43 Resp: 192915
Ion Ratio Lower Upper
43 100
58 47.2 25.9 77.8



#60
Dibromochloromethane
Concen: 22.477 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion:129 Resp: 28519
Ion Ratio Lower Upper
129 100
127 80.0 39.4 118.2





#61

1,2-Dibromoethane

Concen: 22.796 ug/l

RT: 11.476 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

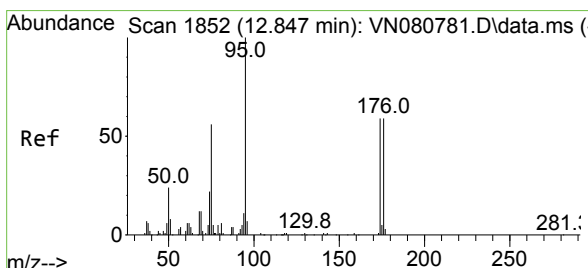
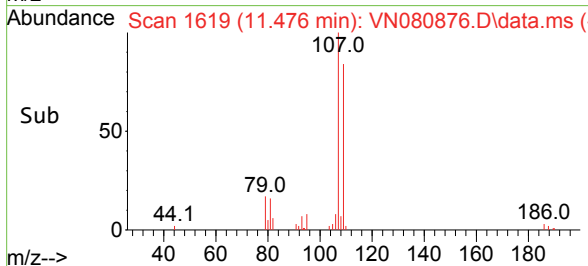
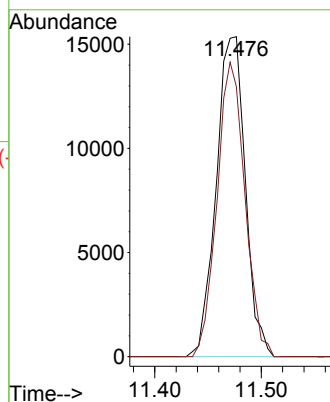
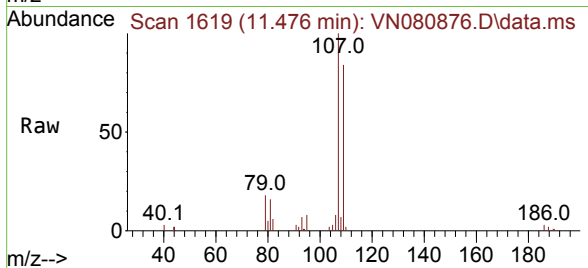
VN0202WBSD01

Tgt Ion:107 Resp: 29142

Ion Ratio Lower Upper

107 100

109 88.2 73.4 110.2



#62

4-Bromofluorobenzene

Concen: 49.964 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

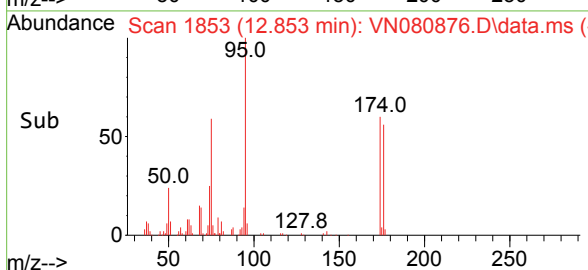
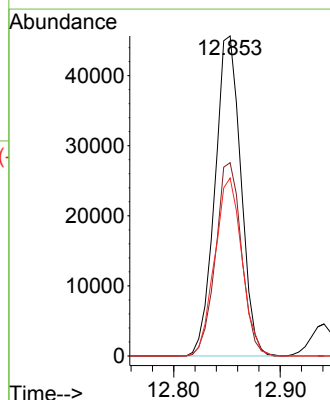
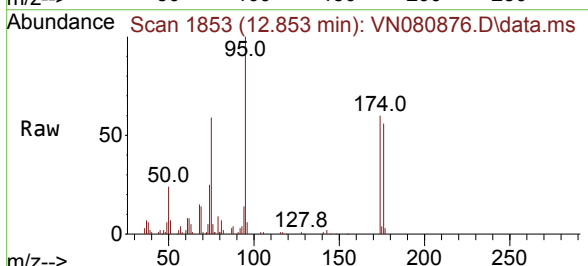
Tgt Ion: 95 Resp: 77224

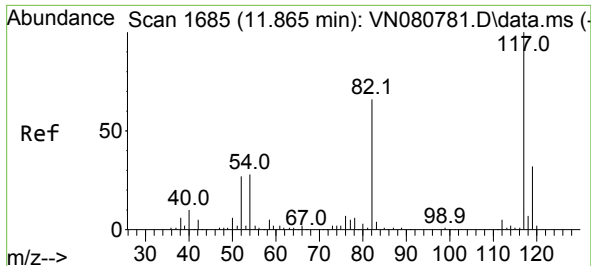
Ion Ratio Lower Upper

95 100

174 60.3 0.0 120.4

176 58.1 0.0 121.0

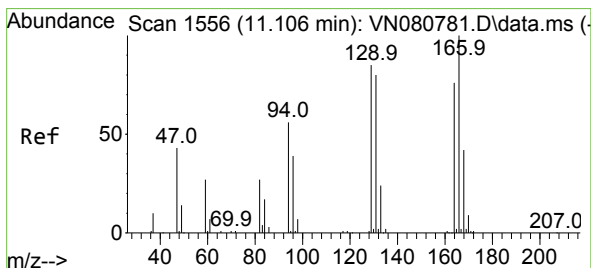
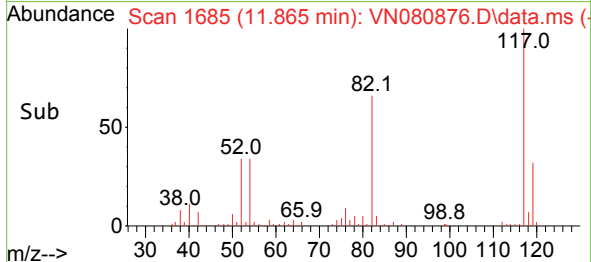
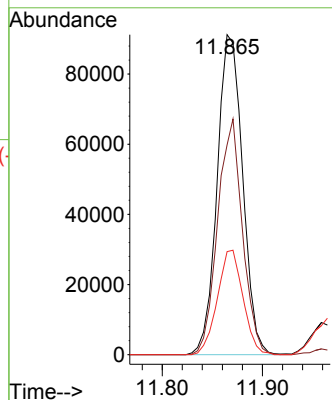
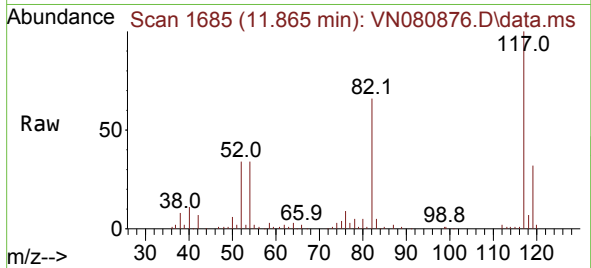




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

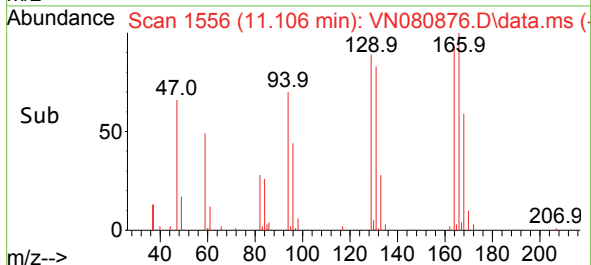
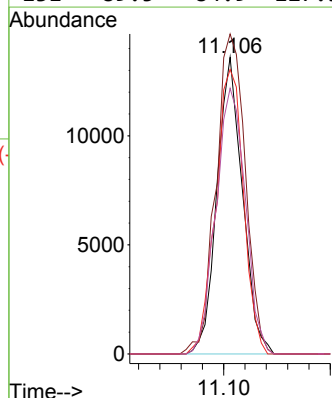
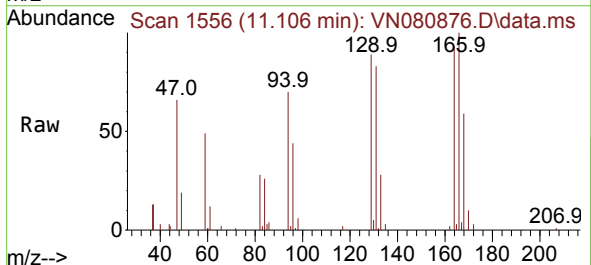
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

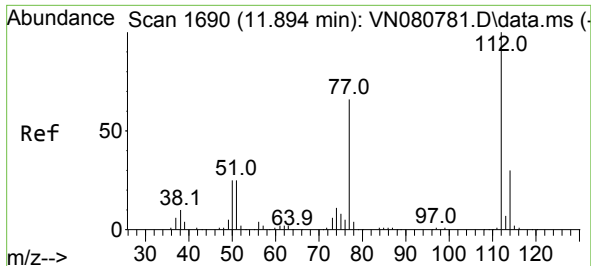
Tgt Ion:117 Resp: 161312
Ion Ratio Lower Upper
117 100
82 65.5 52.7 79.1
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 21.347 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion:164 Resp: 22634
Ion Ratio Lower Upper
164 100
166 107.9 105.8 158.6
129 95.9 89.6 134.4
131 89.5 84.9 127.3

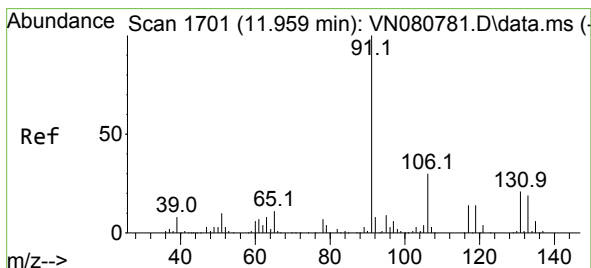
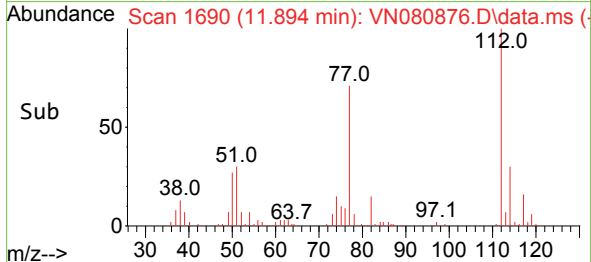
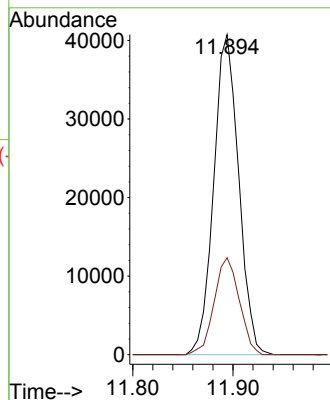
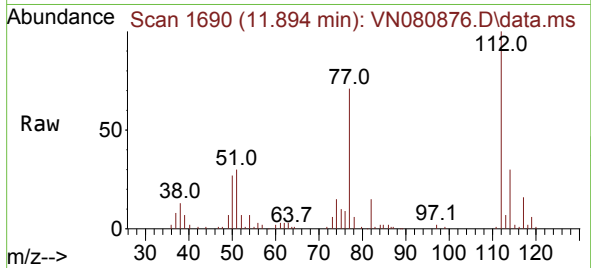




#65
Chlorobenzene
Concen: 19.979 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

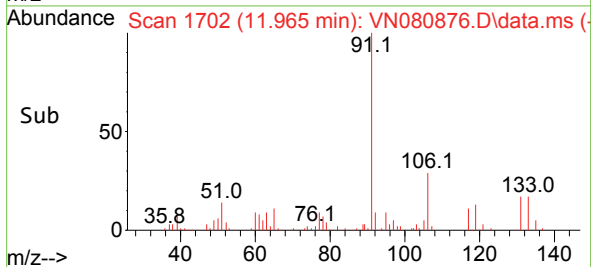
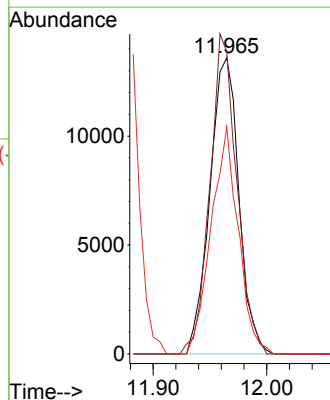
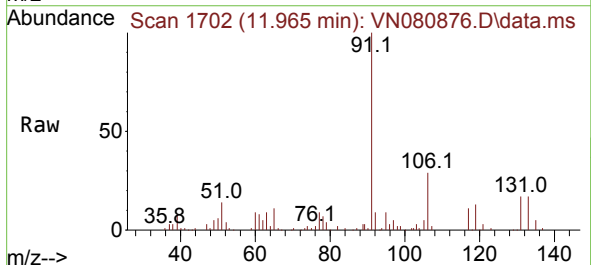
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

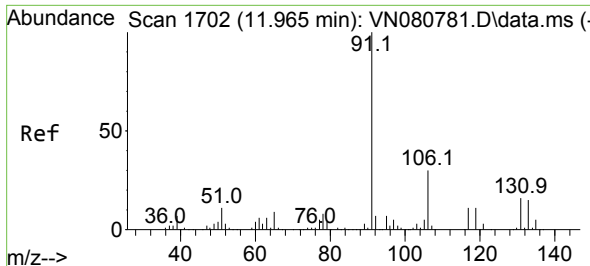
Tgt Ion:112 Resp: 70338
Ion Ratio Lower Upper
112 100
114 30.3 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.036 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion:131 Resp: 24083
Ion Ratio Lower Upper
131 100
133 100.5 46.8 140.3
119 72.0 34.6 103.9

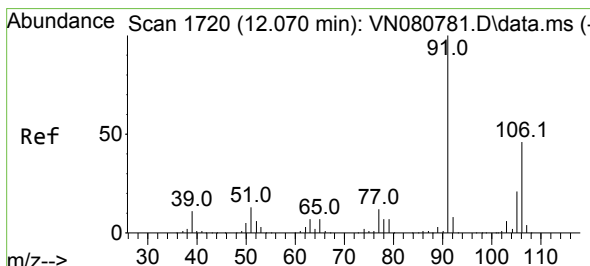
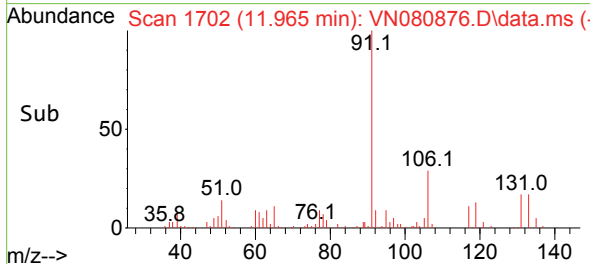
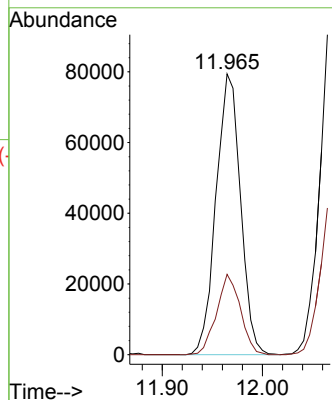
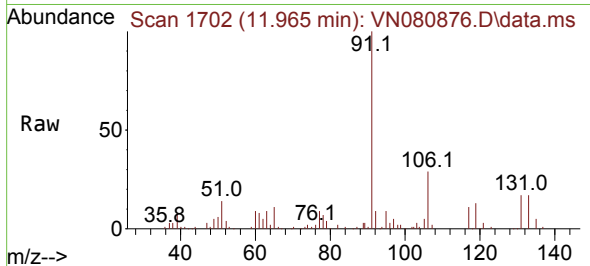




#67
Ethyl Benzene
Concen: 20.545 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

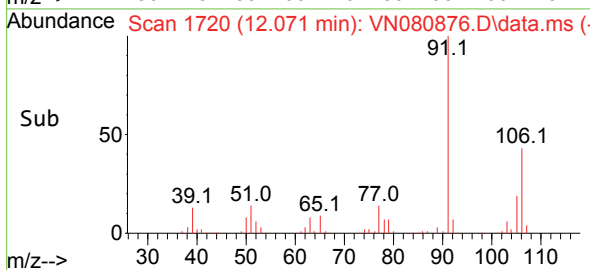
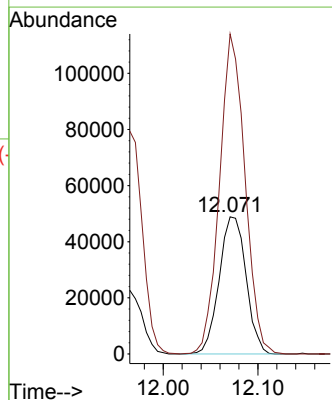
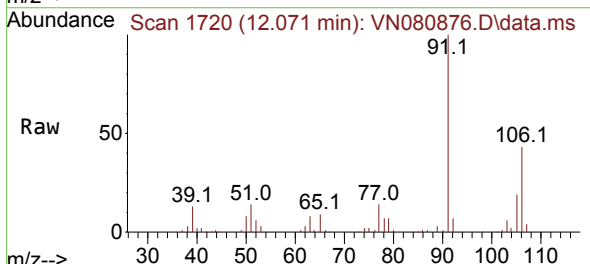
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

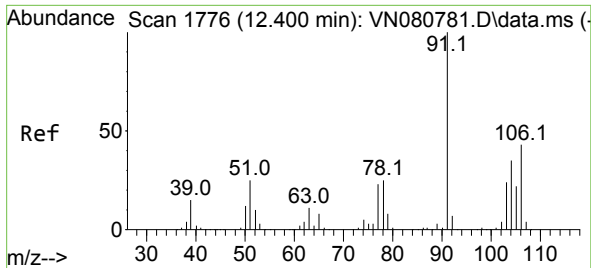
Tgt Ion: 91 Resp: 134439
Ion Ratio Lower Upper
91 100
106 28.6 23.8 35.6



#68
m/p-Xylenes
Concen: 41.467 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion:106 Resp: 96363
Ion Ratio Lower Upper
106 100
91 221.4 169.0 253.6

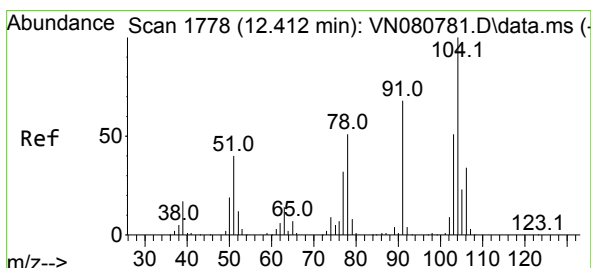
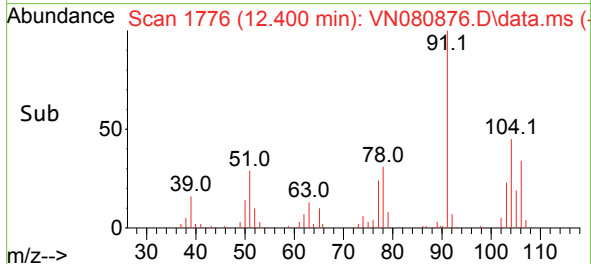
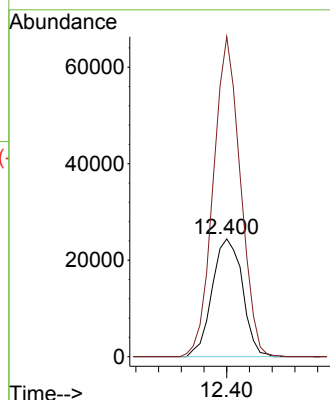
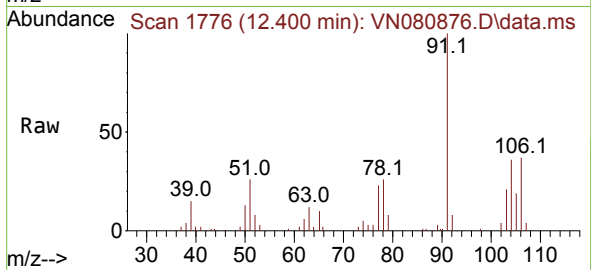




#69
o-Xylene
Concen: 19.577 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

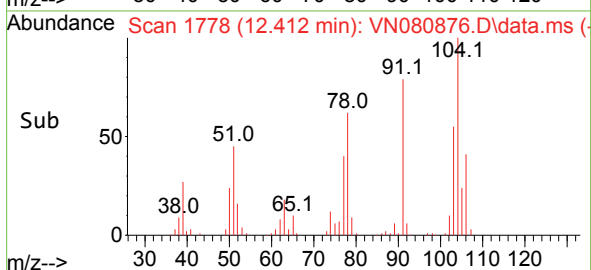
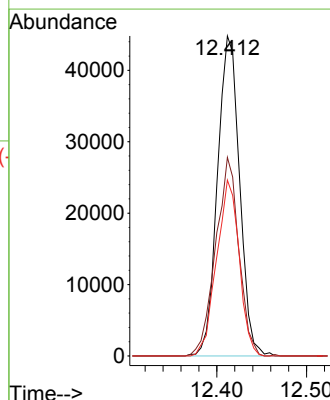
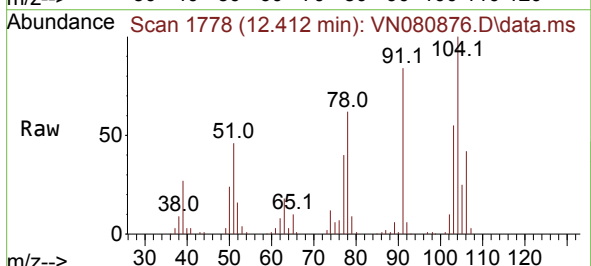
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

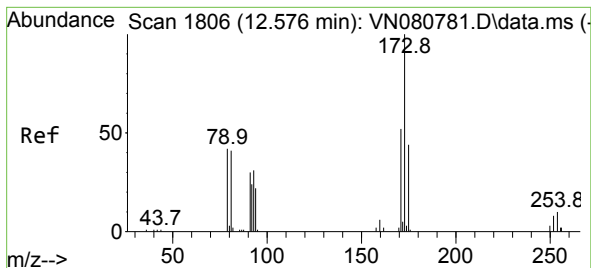
Tgt Ion:106 Resp: 45204
Ion Ratio Lower Upper
106 100
91 243.7 112.1 336.3



#70
Styrene
Concen: 20.663 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion:104 Resp: 76626
Ion Ratio Lower Upper
104 100
78 65.0 43.8 65.8
103 56.1 44.2 66.2





#71

Bromoform

Concen: 22.475 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD01

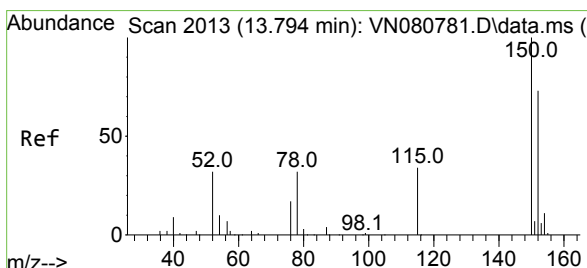
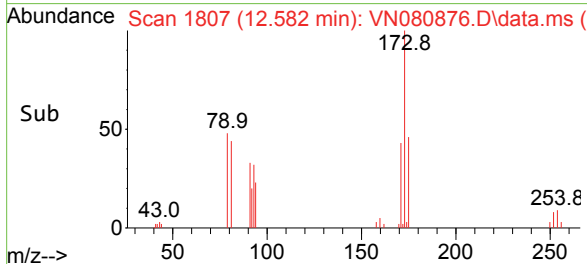
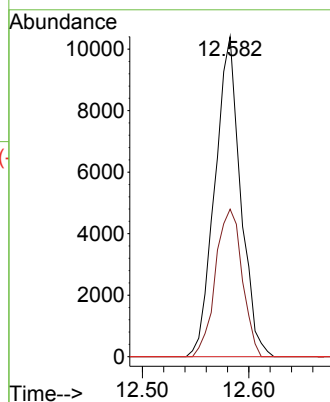
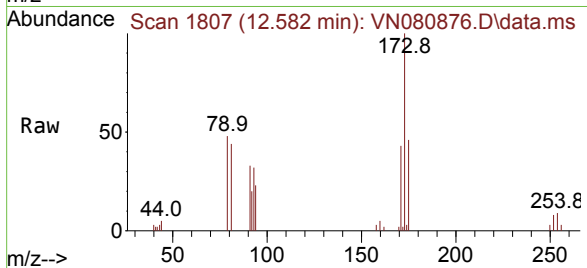
Tgt Ion:173 Resp: 17398

Ion Ratio Lower Upper

173 100

175 47.8 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: VN080876.D

Acq: 02 Feb 2024 16:16

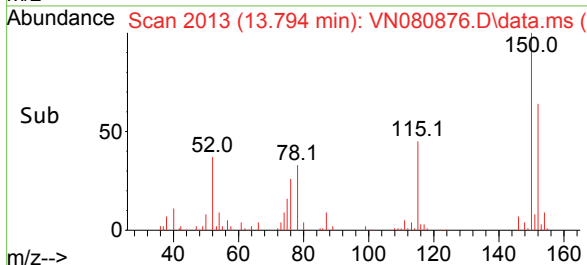
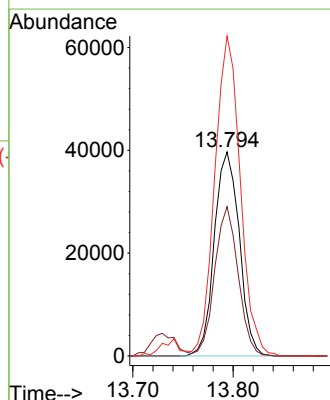
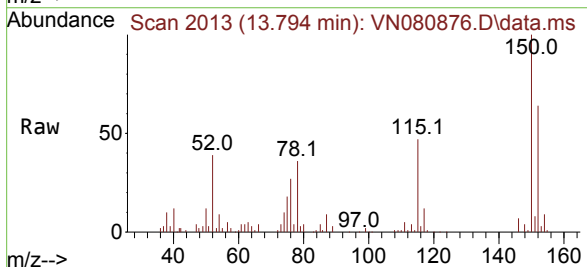
Tgt Ion:152 Resp: 68575

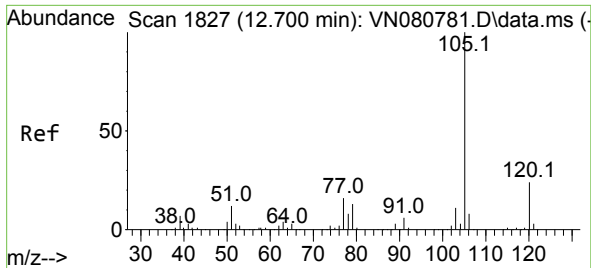
Ion Ratio Lower Upper

152 100

115 68.9 32.3 96.8

150 160.2 0.0 339.8

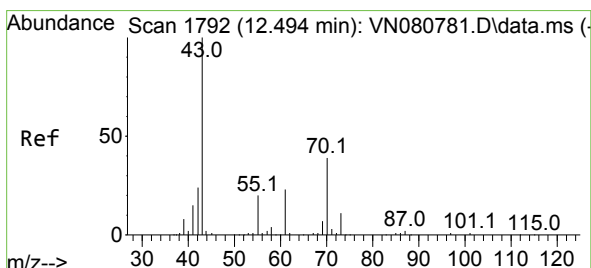
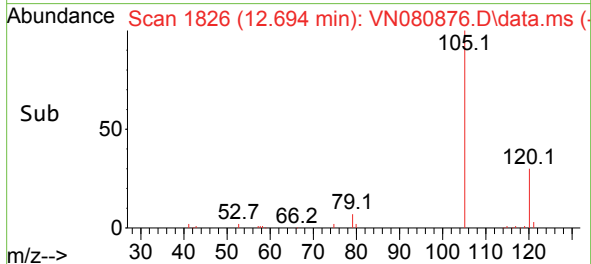
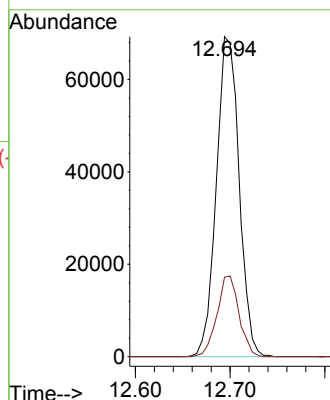
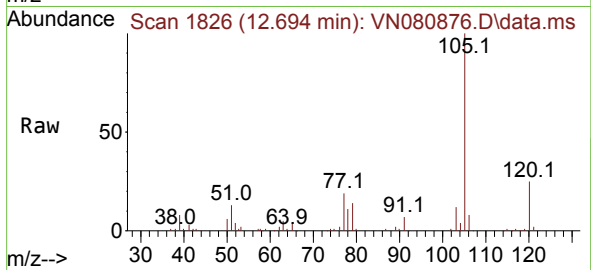




#73
Isopropylbenzene
Concen: 18.452 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

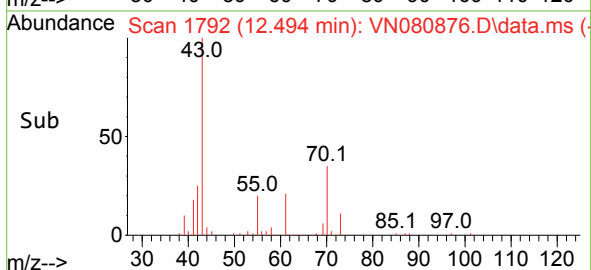
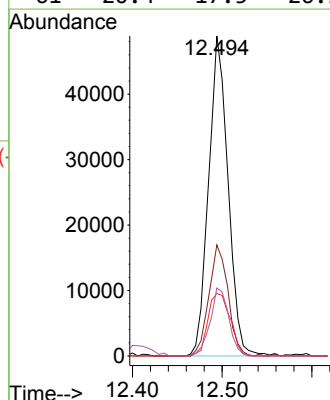
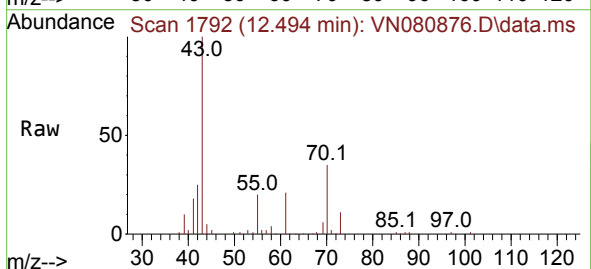
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

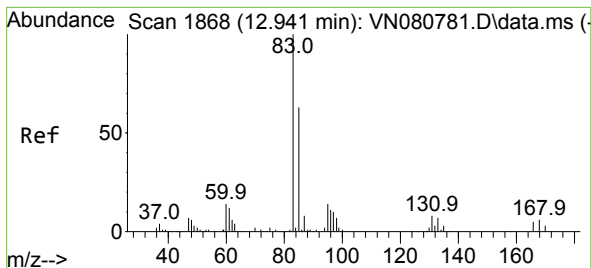
Tgt Ion:105 Resp: 115874
Ion Ratio Lower Upper
105 100
120 24.4 12.6 37.6



#74
N-ethyl acetate
Concen: 18.901 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion: 43 Resp: 73693
Ion Ratio Lower Upper
43 100
70 34.1 30.1 45.1
55 22.3 17.0 25.4
61 20.4 17.5 26.3

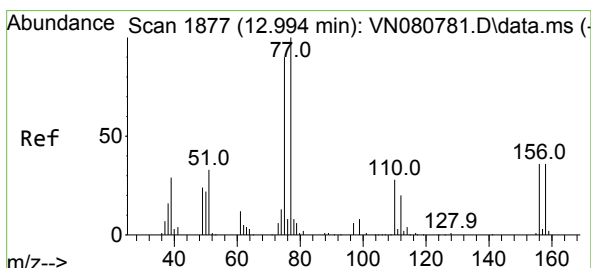
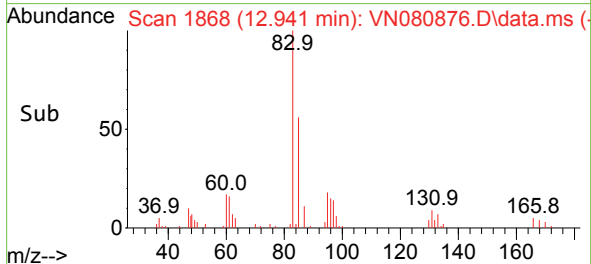
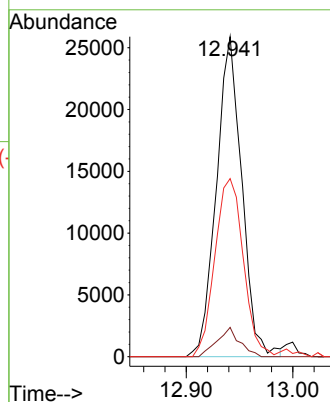
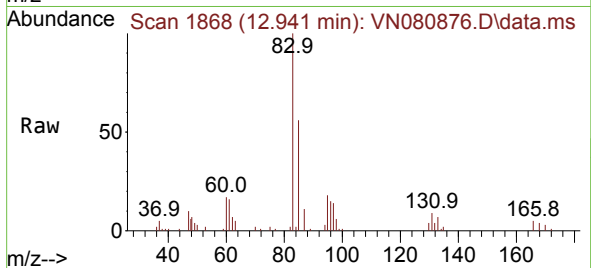




#75
1,1,2,2-Tetrachloroethane
Concen: 19.451 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

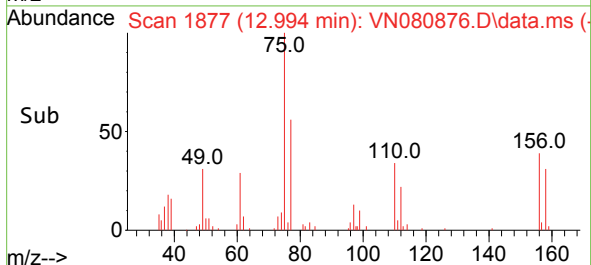
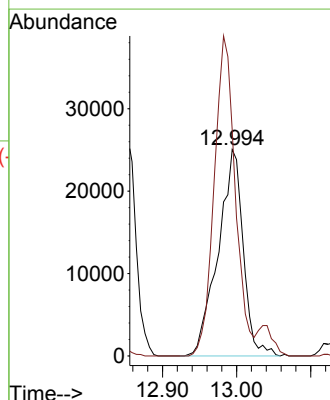
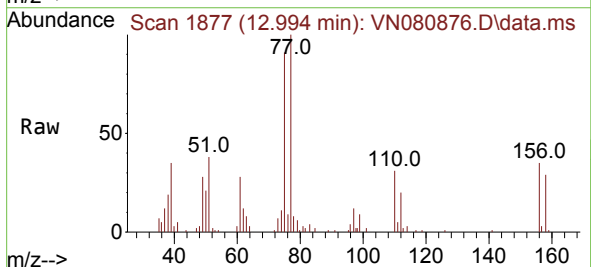
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

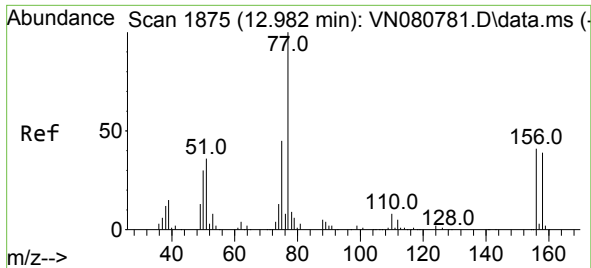
Tgt Ion: 83 Resp: 42966
Ion Ratio Lower Upper
83 100
131 8.1 4.1 12.3
85 62.1 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 28.504 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion: 75 Resp: 58952
Ion Ratio Lower Upper
75 100
77 130.1 91.0 272.8

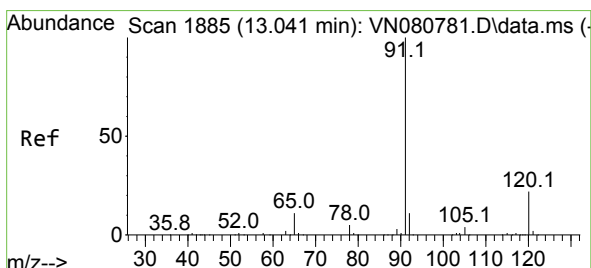
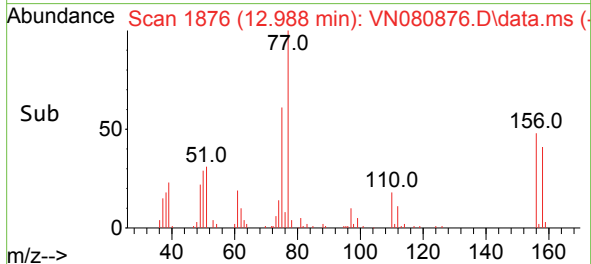
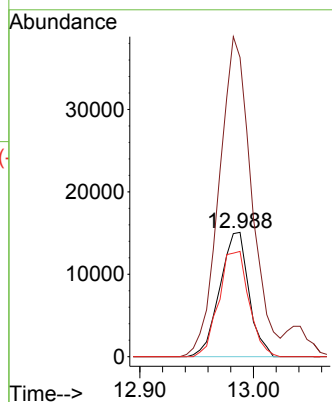
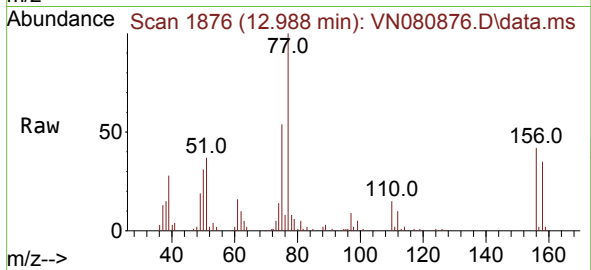




#77
Bromobenzene
Concen: 19.953 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

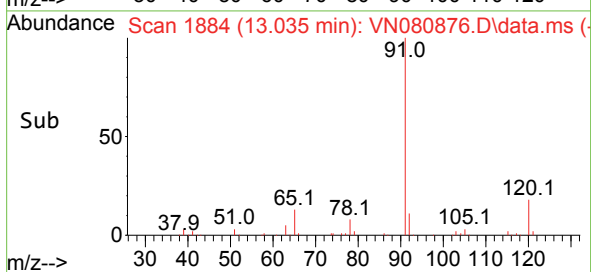
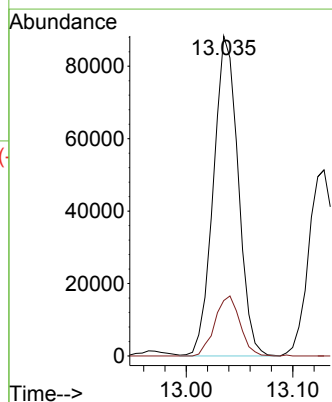
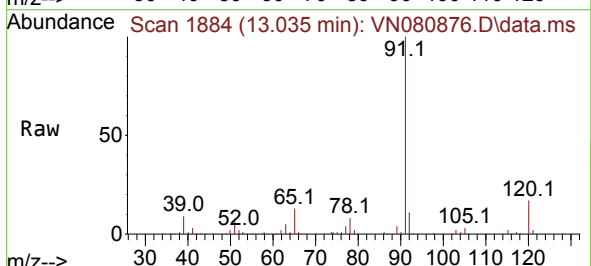
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

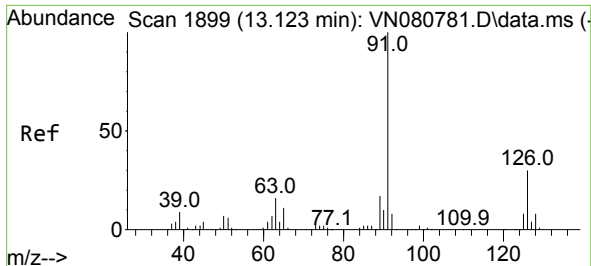
Tgt Ion:156 Resp: 26785
Ion Ratio Lower Upper
156 100
77 286.4 138.1 414.3
158 87.8 46.5 139.5



#78
n-propylbenzene
Concen: 19.002 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion: 91 Resp: 142555
Ion Ratio Lower Upper
91 100
120 19.0 10.3 30.9

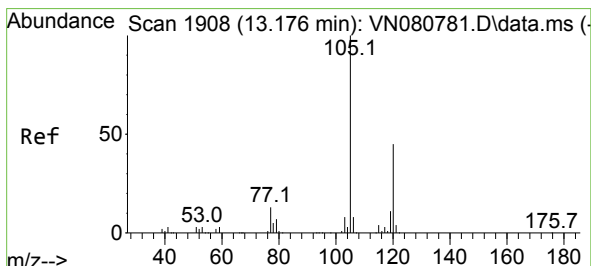
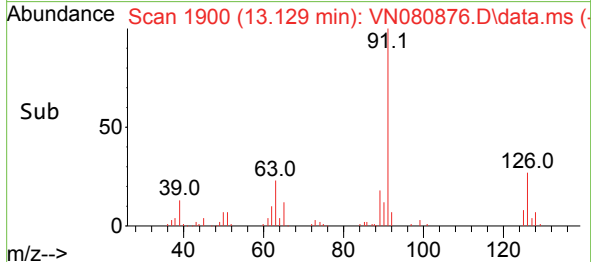
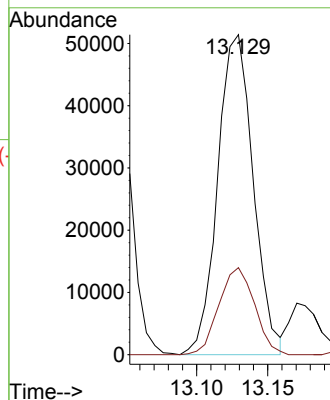
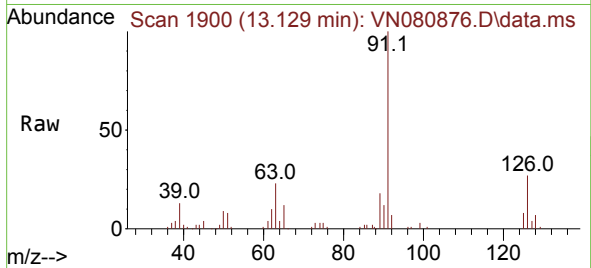




#79
2-Chlorotoluene
Concen: 18.762 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

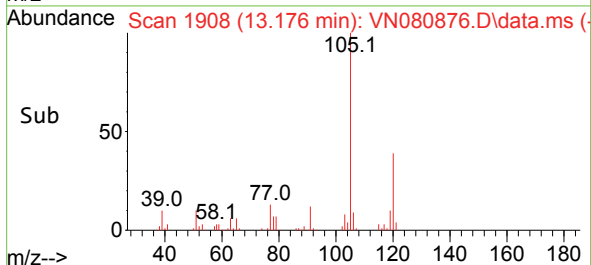
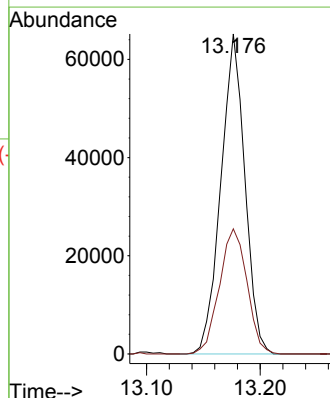
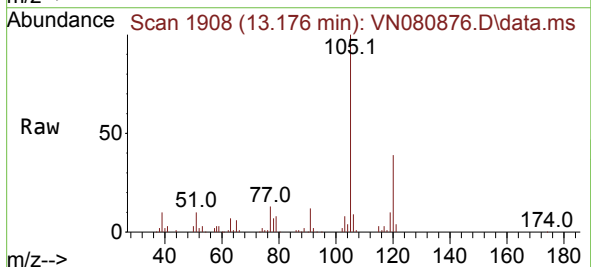
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

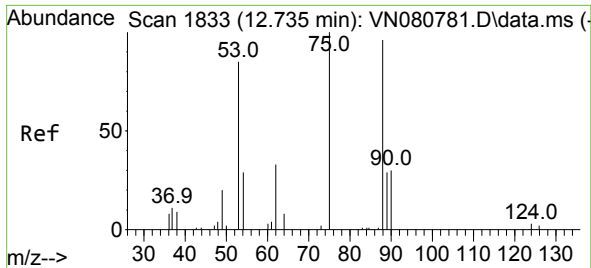
Tgt Ion: 91 Resp: 89464
Ion Ratio Lower Upper
91 100
126 27.2 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 19.137 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion: 105 Resp: 95710
Ion Ratio Lower Upper
105 100
120 44.9 23.0 69.0

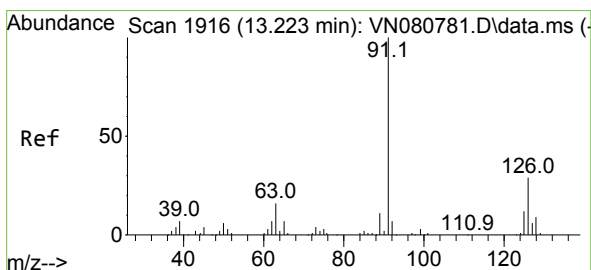
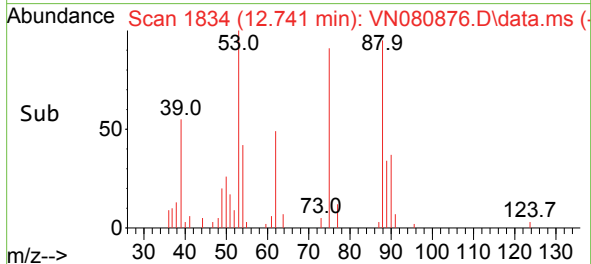
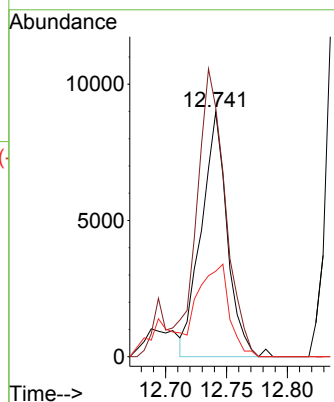
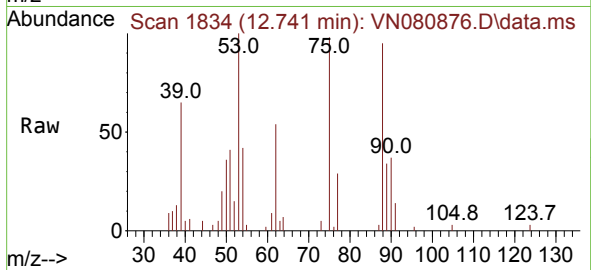




#81
trans-1,4-Dichloro-2-butene
Concen: 16.593 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

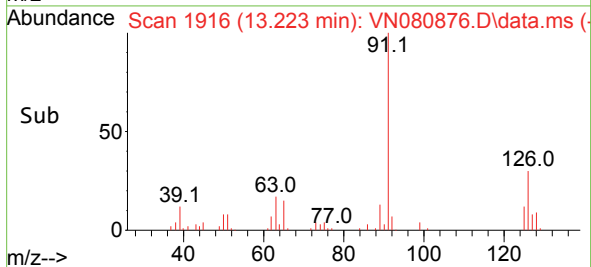
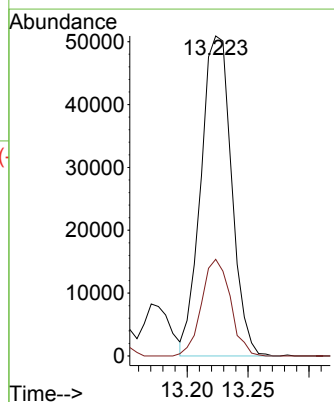
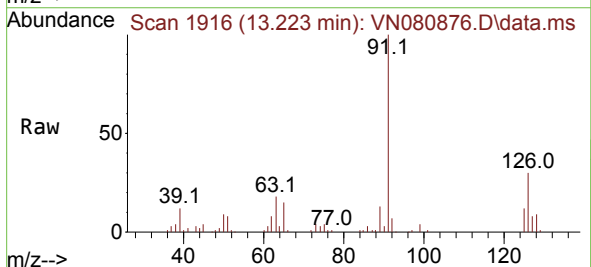
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

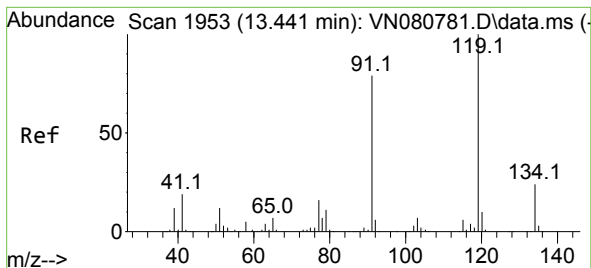
Tgt Ion: 75 Resp: 13321
Ion Ratio Lower Upper
75 100
53 129.1 71.4 107.2#
89 46.4 33.4 50.0



#82
4-Chlorotoluene
Concen: 18.907 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion: 91 Resp: 89267
Ion Ratio Lower Upper
91 100
126 28.4 15.3 45.9

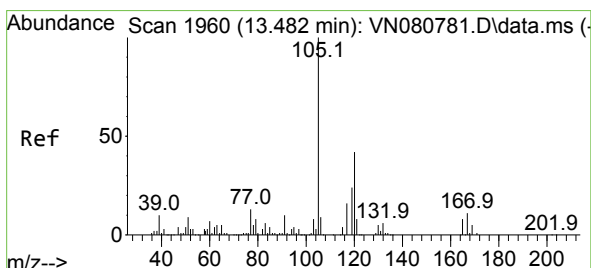
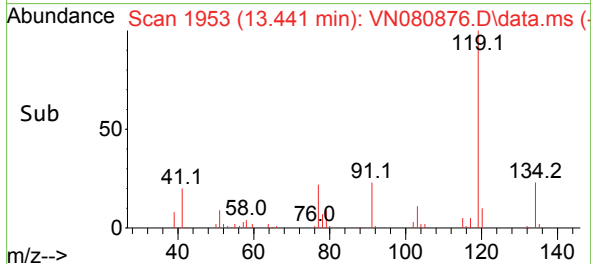
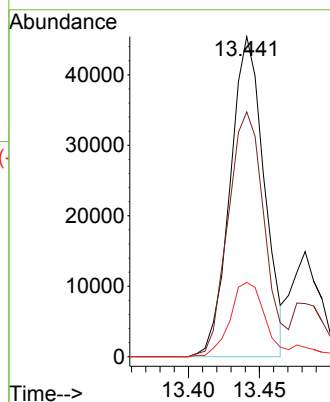
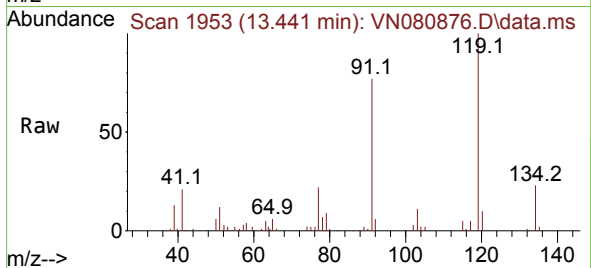




#83
tert-Butylbenzene
Concen: 18.949 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

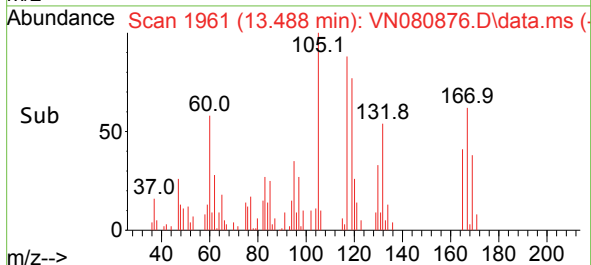
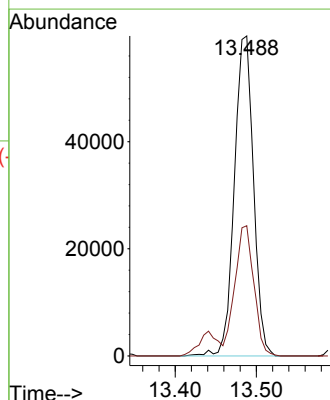
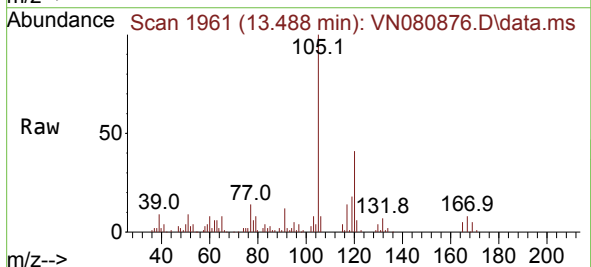
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

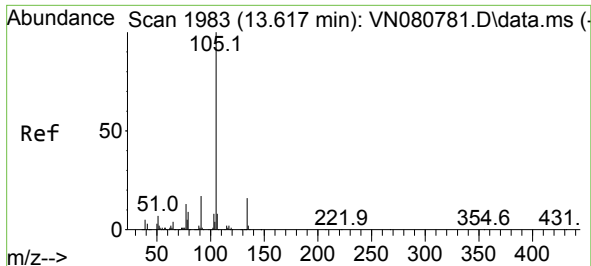
Tgt Ion:119 Resp: 75682
Ion Ratio Lower Upper
119 100
91 82.0 36.8 110.4
134 23.7 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 19.230 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion:105 Resp: 97439
Ion Ratio Lower Upper
105 100
120 40.5 20.9 62.7

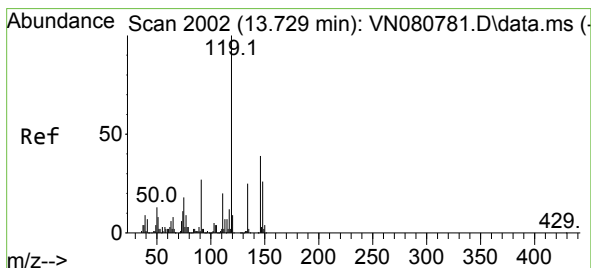
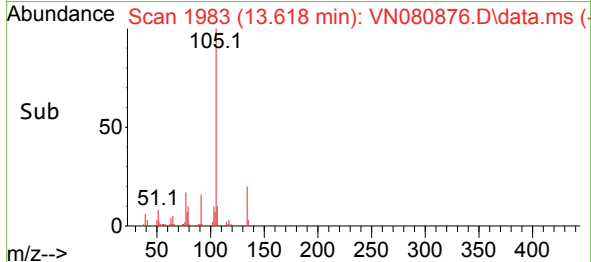
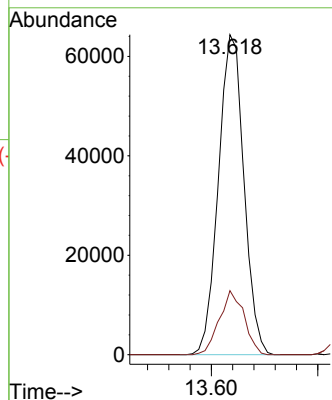
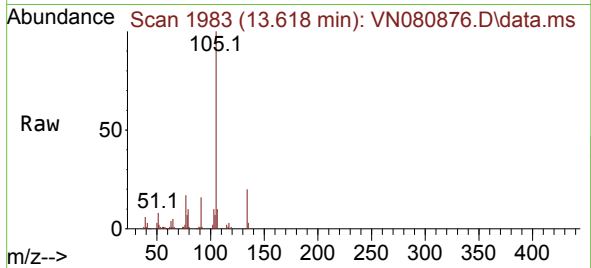




#85
 sec-Butylbenzene
 Concen: 18.144 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080876.D
 Acq: 02 Feb 2024 16:16

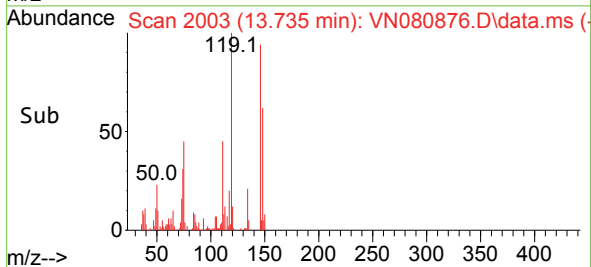
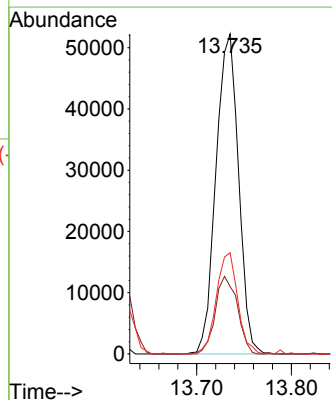
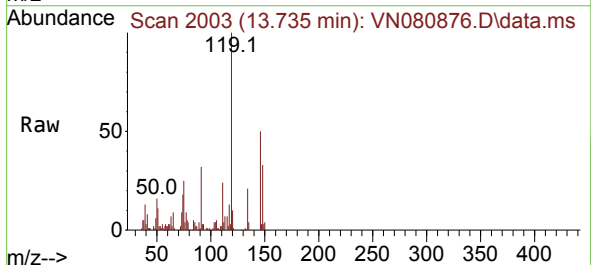
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202WBSD01

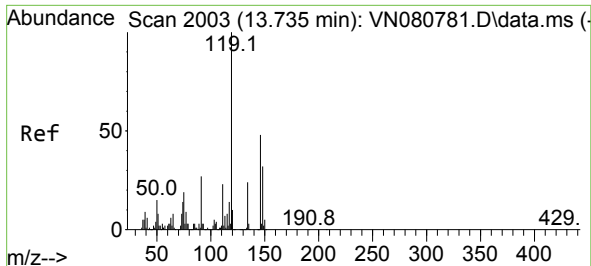
Tgt Ion:105 Resp: 106835
 Ion Ratio Lower Upper
 105 100
 134 19.4 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 18.901 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080876.D
 Acq: 02 Feb 2024 16:16

Tgt Ion:119 Resp: 86487
 Ion Ratio Lower Upper
 119 100
 134 23.9 12.4 37.2
 91 29.8 13.5 40.4

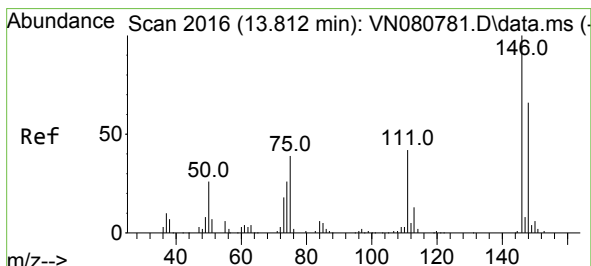
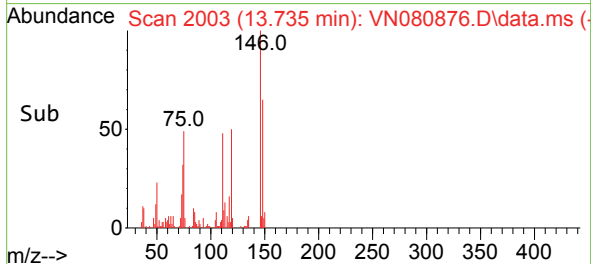
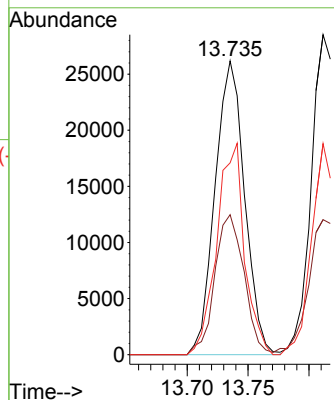
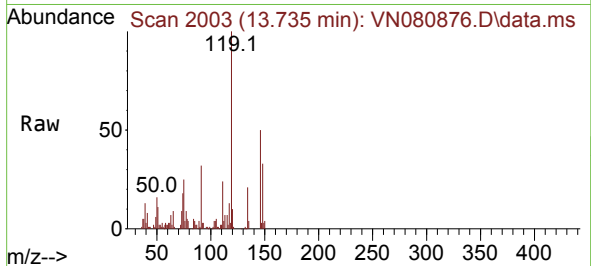




#87
1,3-Dichlorobenzene
Concen: 18.461 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

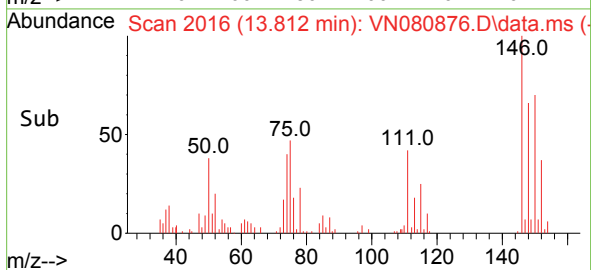
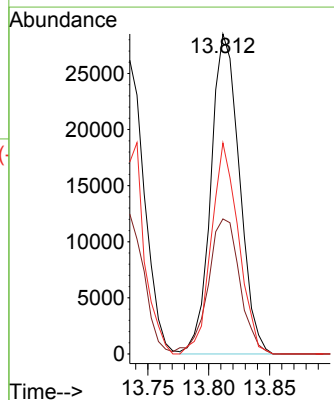
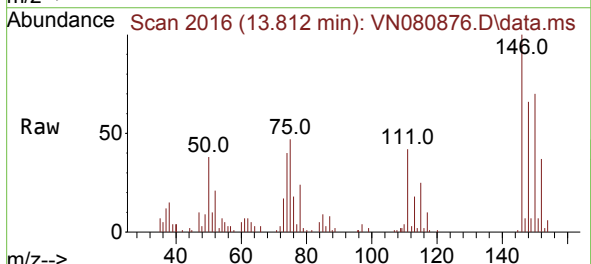
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBSD01

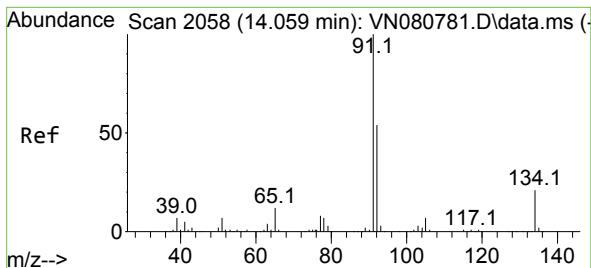
Tgt Ion:146 Resp: 44326
Ion Ratio Lower Upper
146 100
111 47.2 23.9 71.7
148 67.3 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 19.320 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080876.D
Acq: 02 Feb 2024 16:16

Tgt Ion:146 Resp: 46507
Ion Ratio Lower Upper
146 100
111 46.9 22.6 67.7
148 63.1 31.9 95.5





#89

n-Butylbenzene

Concen: 18.286 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD01

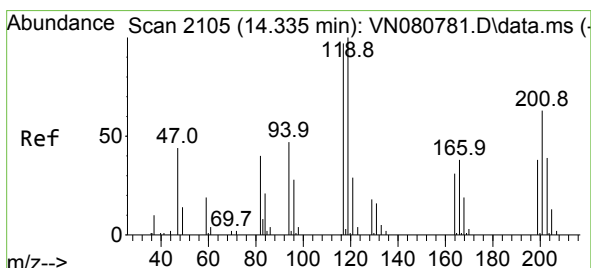
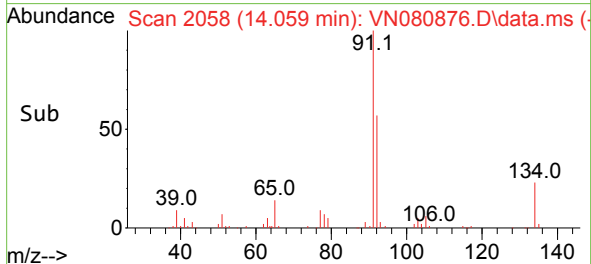
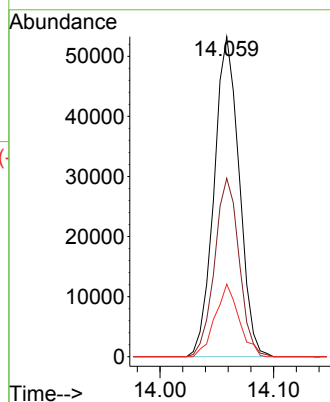
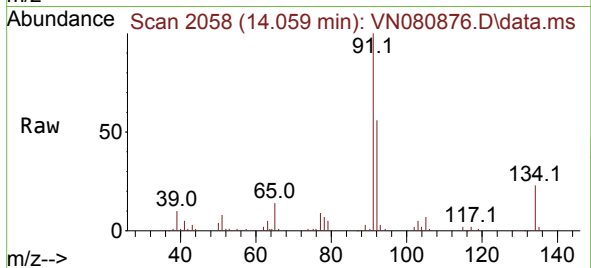
Tgt Ion: 91 Resp: 81880

Ion Ratio Lower Upper

91 100

92 54.4 26.7 80.1

134 21.6 10.8 32.4



#90

Hexachloroethane

Concen: 17.473 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080876.D

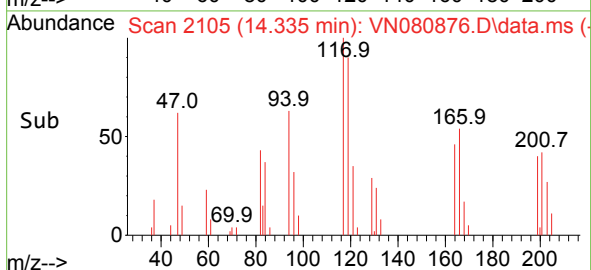
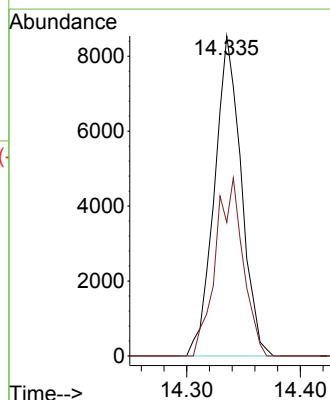
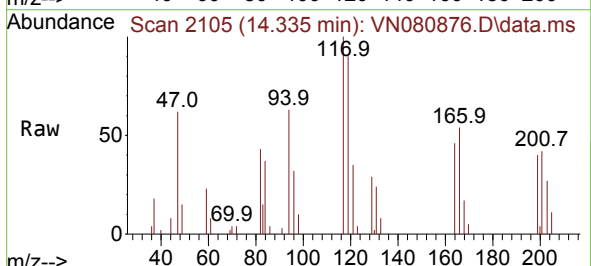
Acq: 02 Feb 2024 16:16

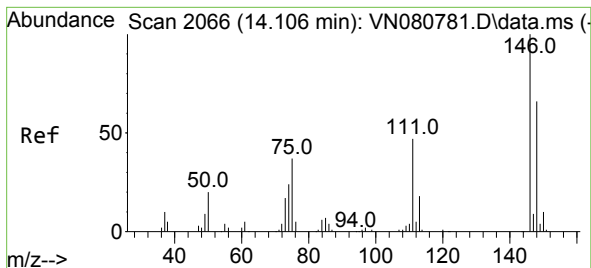
Tgt Ion: 117 Resp: 13990

Ion Ratio Lower Upper

117 100

201 57.1 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 19.594 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD01

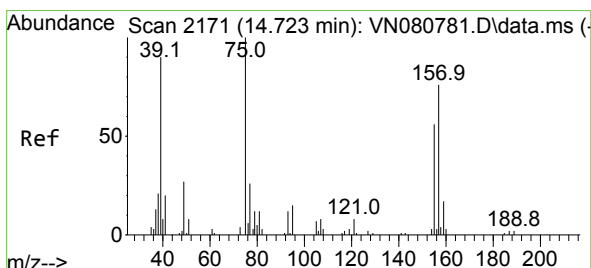
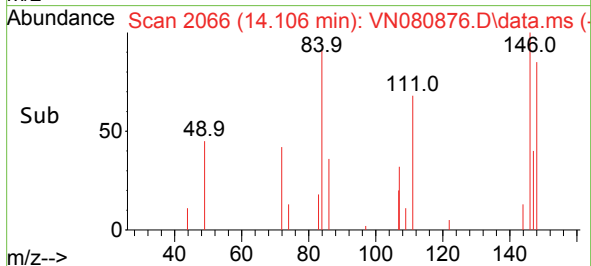
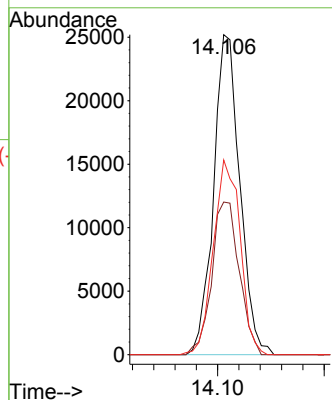
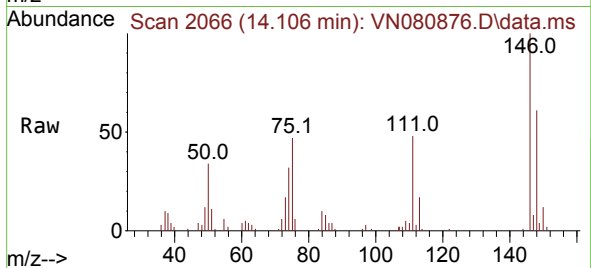
Tgt Ion:146 Resp: 43060

Ion Ratio Lower Upper

146 100

111 50.0 23.9 71.8

148 62.1 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.717 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

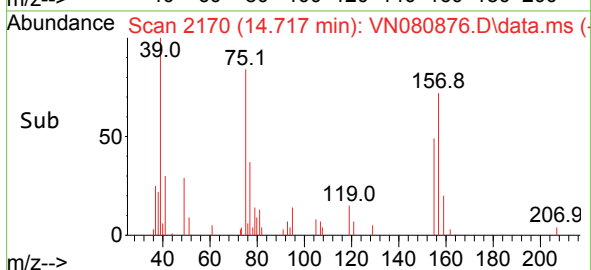
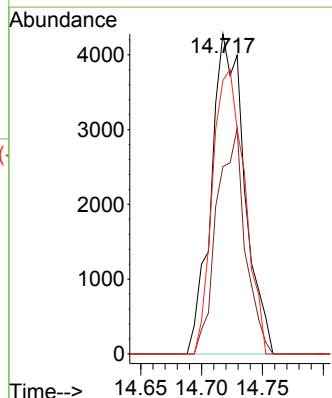
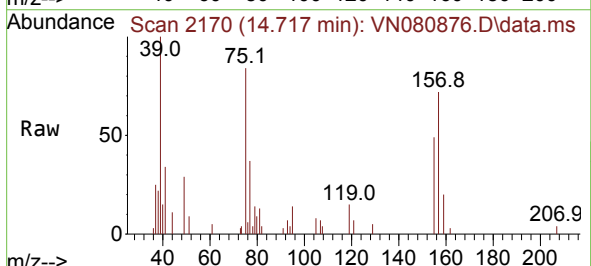
Tgt Ion: 75 Resp: 8141

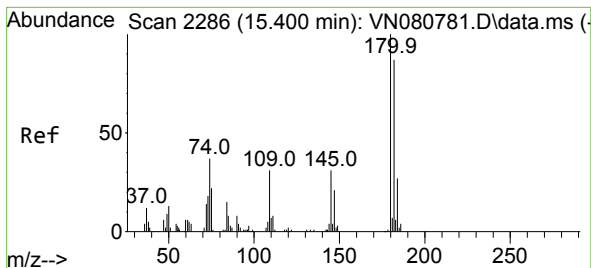
Ion Ratio Lower Upper

75 100

155 60.1 31.8 95.4

157 85.3 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 19.168 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD01

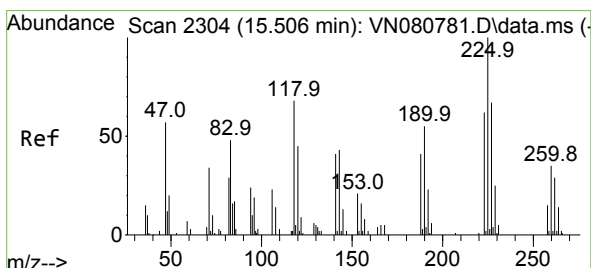
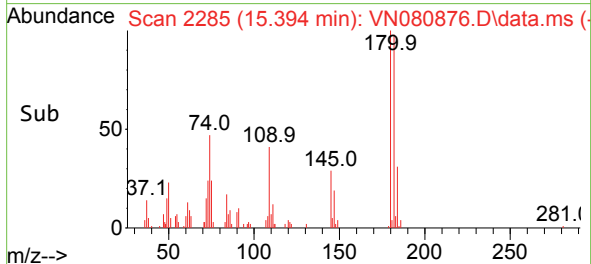
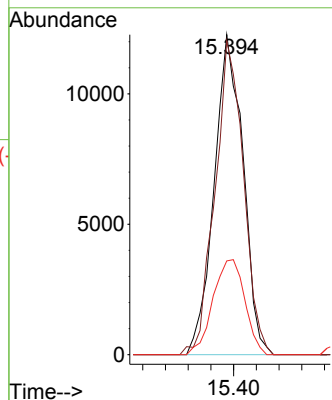
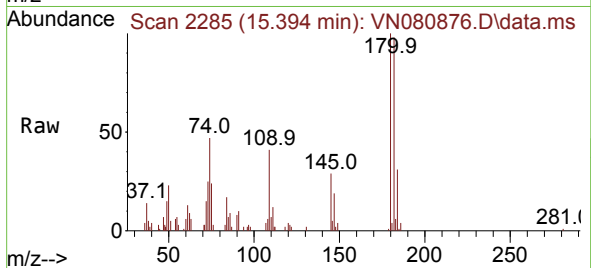
Tgt Ion:180 Resp: 21681

Ion Ratio Lower Upper

180 100

182 96.7 46.6 139.7

145 32.7 16.8 50.3



#94

Hexachlorobutadiene

Concen: 20.145 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

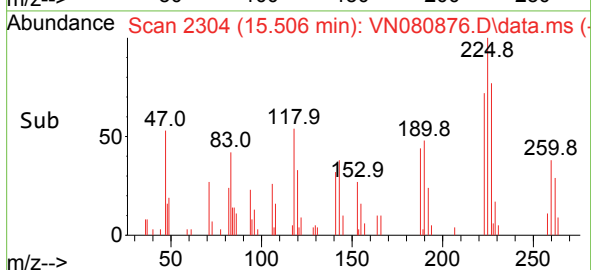
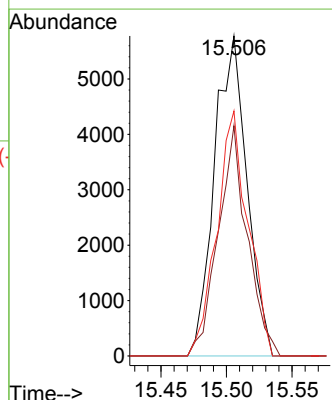
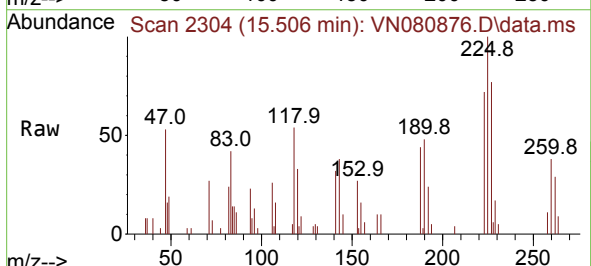
Tgt Ion:225 Resp: 9955

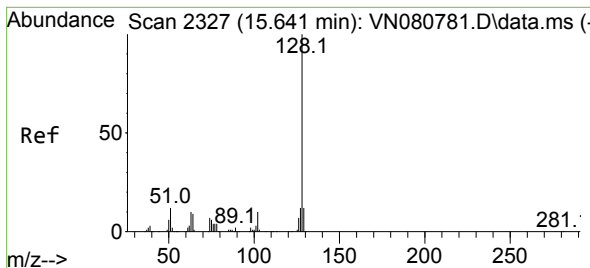
Ion Ratio Lower Upper

225 100

223 64.4 33.3 99.8

227 73.6 33.1 99.2





#95

Naphthalene

Concen: 18.118 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBSD01

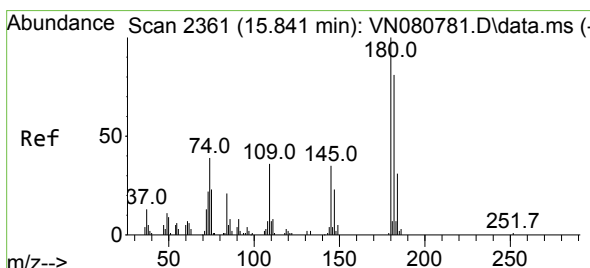
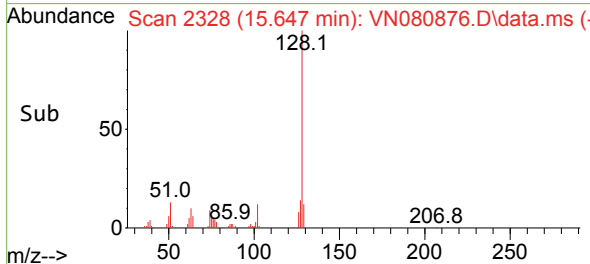
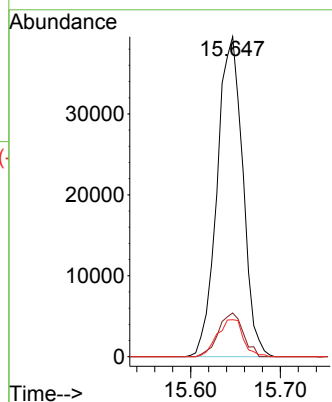
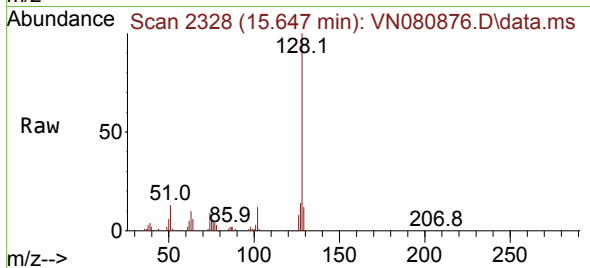
Tgt Ion:128 Resp: 78419

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 11.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.020 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080876.D

Acq: 02 Feb 2024 16:16

Tgt Ion:180 Resp: 21147

Ion Ratio Lower Upper

180 100

182 98.5 46.5 139.3

145 37.0 17.8 53.4

