

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081513.D
 Acq On : 21 Mar 2024 12:39
 Operator : JC\MD
 Sample : VN0321WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

Quant Time: Mar 22 05:04:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.223	168	419917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	711916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	643294	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	311395	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	263477	49.201	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.400%
35) Dibromofluoromethane	8.165	113	224721	50.017	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.040%
50) Toluene-d8	10.565	98	821438	50.577	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.160%
62) 4-Bromofluorobenzene	12.847	95	287885	50.305	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	100.600%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	97411	17.228	ug/l 97
3) Chloromethane	2.359	50	90152	16.014	ug/l 92
4) Vinyl Chloride	2.518	62	100450	15.899	ug/l 95
5) Bromomethane	2.971	94	75969	17.003	ug/l 93
6) Chloroethane	3.124	64	72652	16.748	ug/l 99
7) Trichlorofluoromethane	3.506	101	172885	18.361	ug/l 96
8) Diethyl Ether	3.959	74	61998	19.896	ug/l 78
9) 1,1,2-Trichlorotrifluo...	4.377	101	101066	18.890	ug/l # 88
10) Methyl Iodide	4.594	142	98195	18.430	ug/l 92
11) Tert butyl alcohol	5.506	59	74366	79.688	ug/l 95
12) 1,1-Dichloroethene	4.341	96	93459	18.859	ug/l 85
13) Acrolein	4.177	56	118886	141.971	ug/l 98
14) Allyl chloride	5.024	41	115910	18.666	ug/l # 85
15) Acrylonitrile	5.712	53	214886	86.072	ug/l 99
16) Acetone	4.424	43	143135	82.707	ug/l 94
17) Carbon Disulfide	4.712	76	241701	16.996	ug/l # 95
18) Methyl Acetate	5.024	43	101072	18.943	ug/l # 88
19) Methyl tert-butyl Ether	5.788	73	313719	20.228	ug/l 99
20) Methylene Chloride	5.277	84	105489	18.608	ug/l # 81
21) trans-1,2-Dichloroethene	5.794	96	100057	18.108	ug/l 86
22) Diisopropyl ether	6.665	45	295346	20.469	ug/l # 92
23) Vinyl Acetate	6.600	43	1092509	95.126	ug/l # 88
24) 1,1-Dichloroethane	6.565	63	181138	18.744	ug/l 95
25) 2-Butanone	7.476	43	251814	84.832	ug/l # 88
26) 2,2-Dichloropropane	7.482	77	164130	19.581	ug/l 100
27) cis-1,2-Dichloroethene	7.488	96	122136	19.536	ug/l 83
28) Bromochloromethane	7.812	49	72527	18.425	ug/l # 26
29) Tetrahydrofuran	7.835	42	172256	86.141	ug/l # 79
30) Chloroform	7.965	83	201791	19.505	ug/l 96
31) Cyclohexane	8.259	56	163147	18.722	ug/l # 72
32) 1,1,1-Trichloroethane	8.171	97	175499	18.698	ug/l 89
36) 1,1-Dichloropropene	8.371	75	144777	19.148	ug/l 95
37) Ethyl Acetate	7.565	43	110826	17.117	ug/l 96
38) Carbon Tetrachloride	8.365	117	156216	18.860	ug/l 98
39) Methylcyclohexane	9.600	83	167003	19.778	ug/l 87
40) Benzene	8.606	78	429641	19.436	ug/l 95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.776	41	58696	17.143	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	149024	19.156	ug/l	96
43) Isopropyl Acetate	8.688	43	191241	17.819	ug/l #	90
44) Trichloroethene	9.353	130	120671	19.409	ug/l	94
45) 1,2-Dichloropropane	9.617	63	105371	19.669	ug/l	99
46) Dibromomethane	9.706	93	77491	19.047	ug/l #	86
47) Bromodichloromethane	9.888	83	156833	19.716	ug/l #	95
48) Methyl methacrylate	9.676	41	93088	18.805	ug/l	89
49) 1,4-Dioxane	9.694	88	37806	317.807	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	559334	85.411	ug/l	91
52) Toluene	10.629	92	275445	19.605	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	163928	19.085	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	180747	19.627	ug/l	88
55) 1,1,2-Trichloroethane	11.017	97	109712	19.403	ug/l	91
56) Ethyl methacrylate	10.870	69	146839	18.979	ug/l #	84
57) 1,3-Dichloropropane	11.164	76	181968	19.631	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	377494	106.102	ug/l #	85
59) 2-Hexanone	11.194	43	405432	83.737	ug/l	89
60) Dibromochloromethane	11.359	129	117399	18.879	ug/l	100
61) 1,2-Dibromoethane	11.470	107	107837	18.707	ug/l	95
64) Tetrachloroethene	11.106	164	121344	19.734	ug/l	88
65) Chlorobenzene	11.894	112	290903	19.129	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	110633	19.629	ug/l	98
67) Ethyl Benzene	11.964	91	515119	19.500	ug/l	95
68) m/p-Xylenes	12.070	106	400382	40.430	ug/l	94
69) o-Xylene	12.400	106	194355	19.991	ug/l	94
70) Styrene	12.411	104	313507	19.994	ug/l	96
71) Bromoform	12.576	173	77118	18.208	ug/l #	95
73) Isopropylbenzene	12.694	105	505224	19.034	ug/l	97
74) N-amyl acetate	12.494	43	163397	17.010	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	133161	17.063	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	181408	24.354	ug/l	65
77) Bromobenzene	12.982	156	121575	18.541	ug/l	68
78) n-propylbenzene	13.035	91	590202	18.828	ug/l	94
79) 2-Chlorotoluene	13.123	91	354325	18.886	ug/l	93
80) 1,3,5-Trimethylbenzene	13.170	105	425568	19.411	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	47059	17.073	ug/l	87
82) 4-Chlorotoluene	13.223	91	353557	19.114	ug/l	93
83) tert-Butylbenzene	13.441	119	364854	19.299	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	424513	19.266	ug/l	93
85) sec-Butylbenzene	13.617	105	514942	19.053	ug/l	93
86) p-Isopropyltoluene	13.729	119	431922	19.551	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	225750	18.739	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	229243	18.377	ug/l	97
89) n-Butylbenzene	14.058	91	365776	18.672	ug/l	97
90) Hexachloroethane	14.335	117	73484	17.563	ug/l	89
91) 1,2-Dichlorobenzene	14.105	146	220863	19.048	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27266	16.417	ug/l	74
93) 1,2,4-Trichlorobenzene	15.394	180	125591	18.732	ug/l	98
94) Hexachlorobutadiene	15.499	225	54599	18.560	ug/l	94
95) Naphthalene	15.641	128	379451	17.466	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	122536	18.170	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

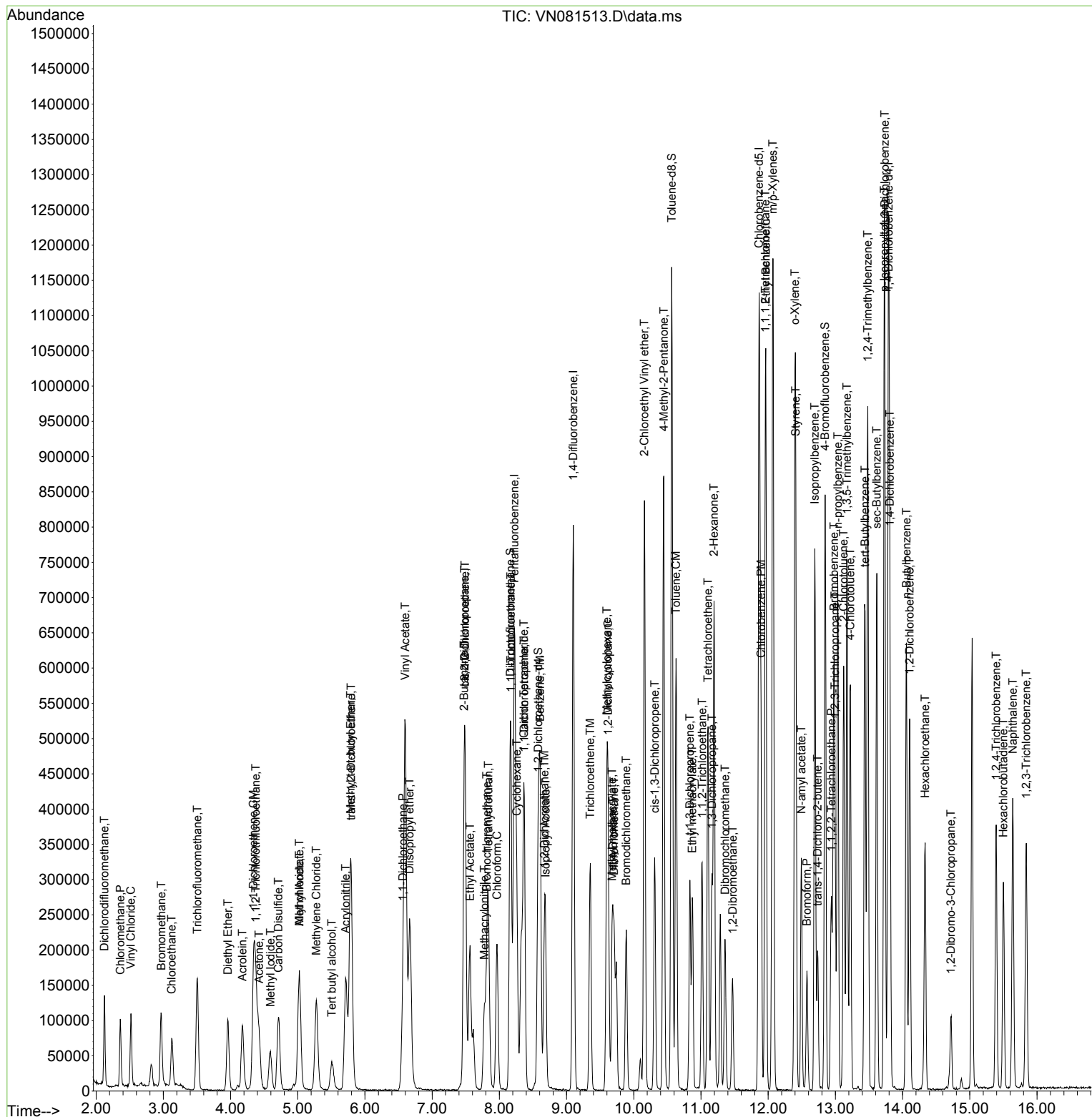
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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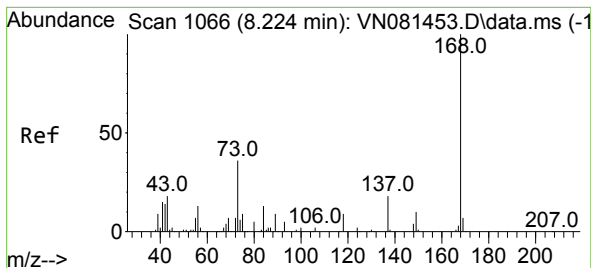
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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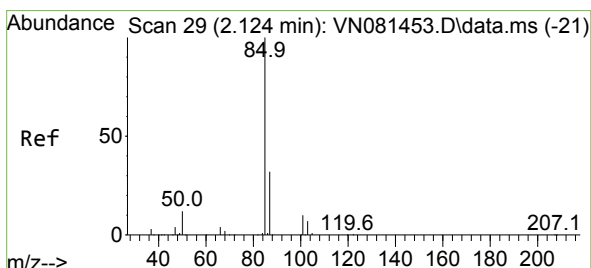
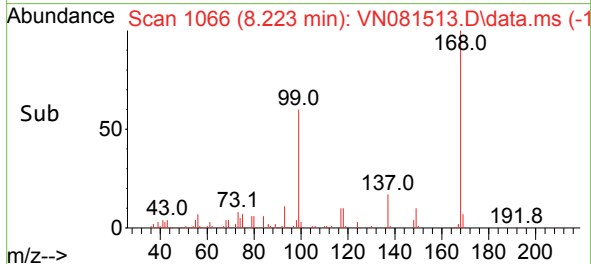
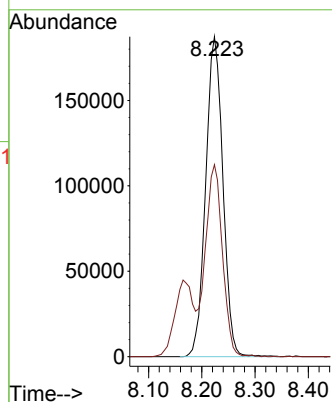
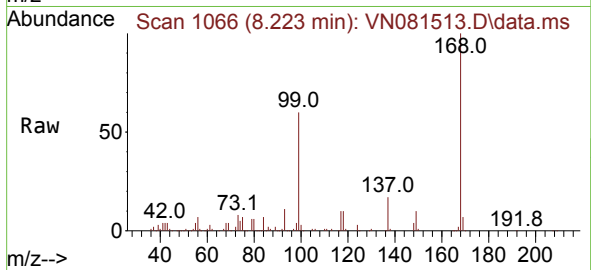




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.001 min
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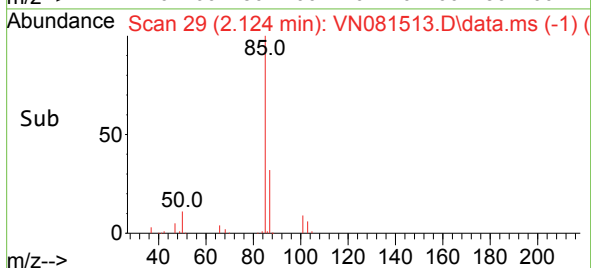
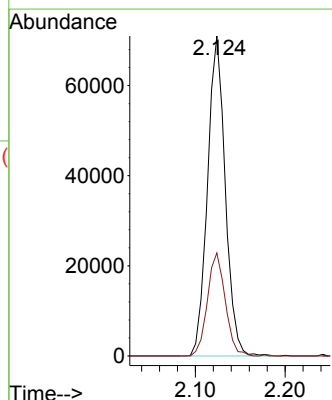
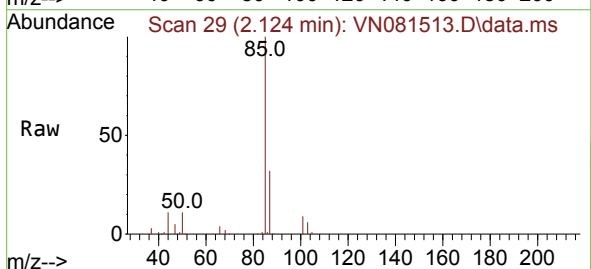
Instrument :
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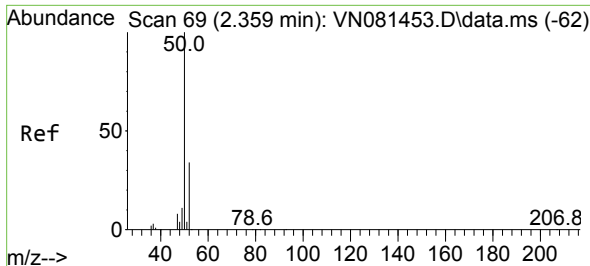
Tgt Ion:168 Resp: 419917
Ion Ratio Lower Upper
168 100
99 60.0 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 17.228 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 85 Resp: 97411
Ion Ratio Lower Upper
85 100
87 32.2 15.3 45.9

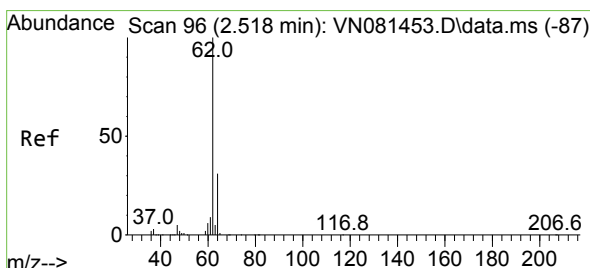
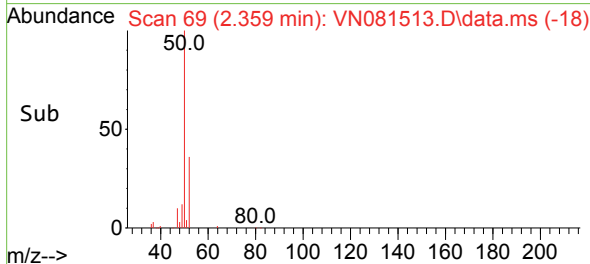
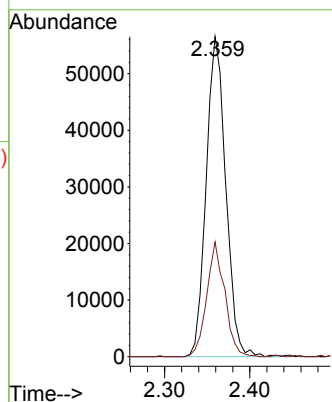
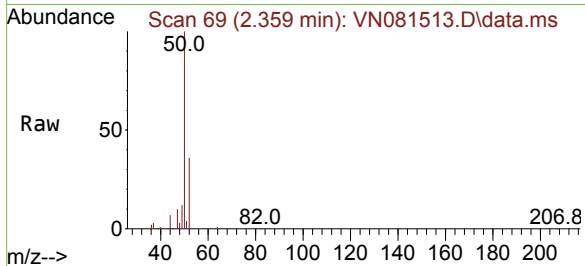




#3
Chloromethane
Concen: 16.014 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

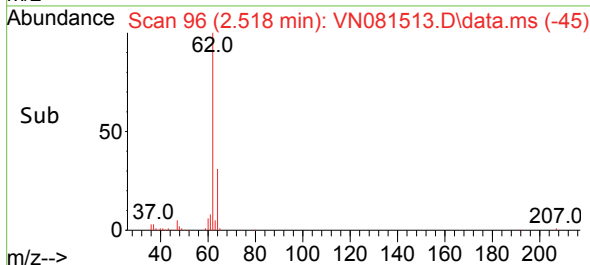
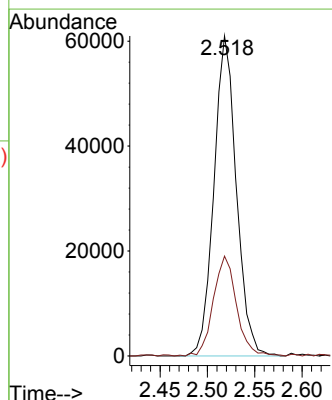
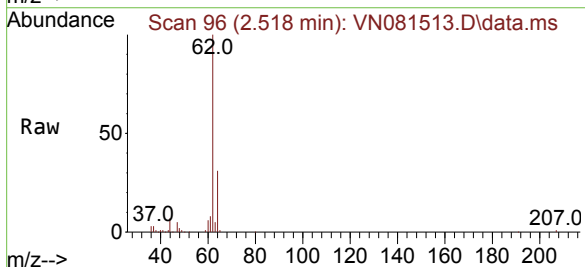
Instrument :
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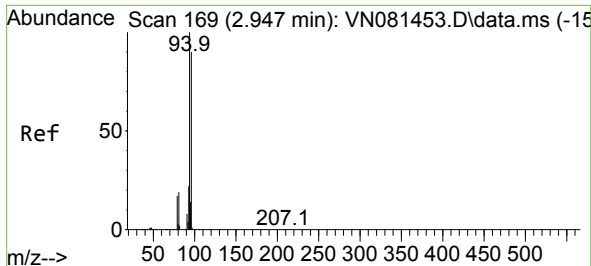
Tgt Ion: 50 Resp: 90152
Ion Ratio Lower Upper
50 100
52 35.9 25.0 37.4



#4
Vinyl Chloride
Concen: 15.899 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 62 Resp: 100450
Ion Ratio Lower Upper
62 100
64 30.9 22.7 34.1

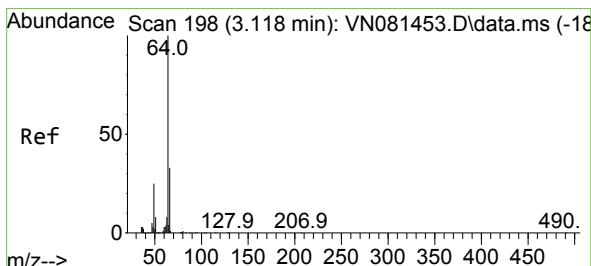
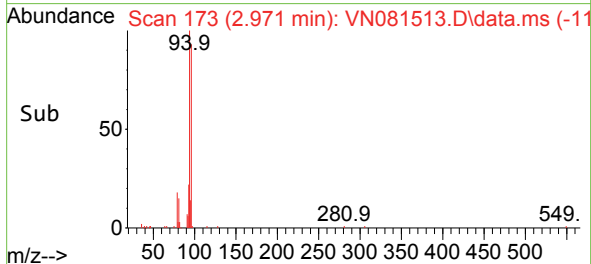
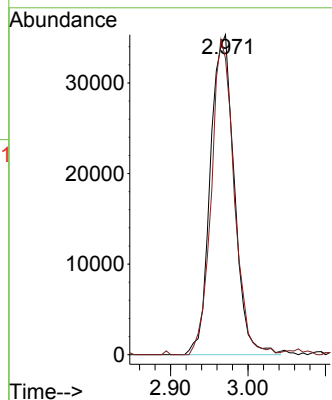
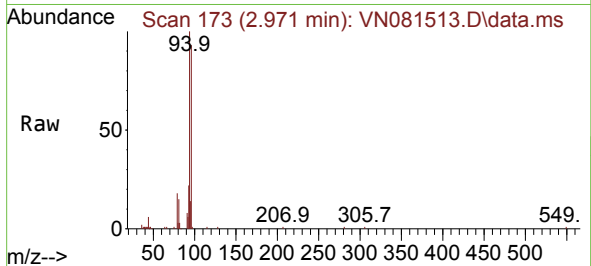




#5
Bromomethane
Concen: 17.003 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN081513.D
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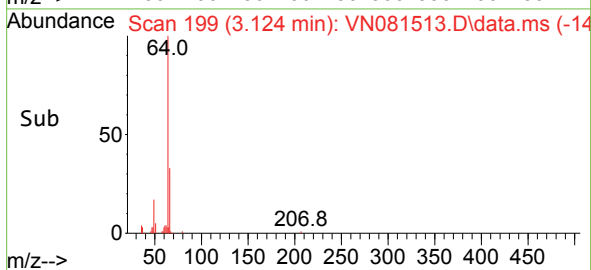
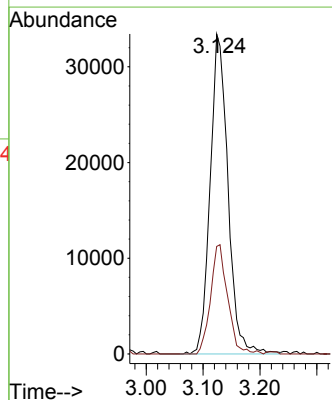
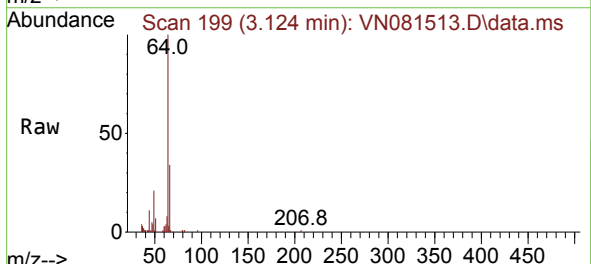
Instrument :
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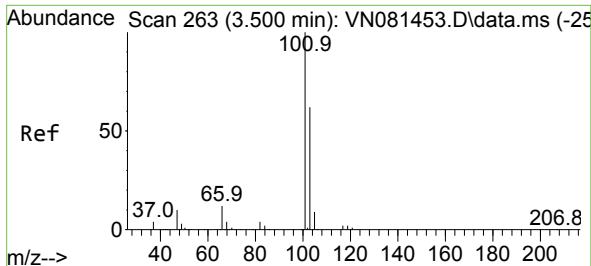
Tgt Ion: 94 Resp: 75969
Ion Ratio Lower Upper
94 100
96 92.5 69.2 103.8



#6
Chloroethane
Concen: 16.748 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 64 Resp: 72652
Ion Ratio Lower Upper
64 100
66 33.6 26.4 39.6

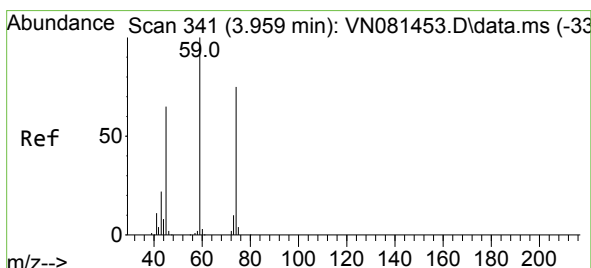
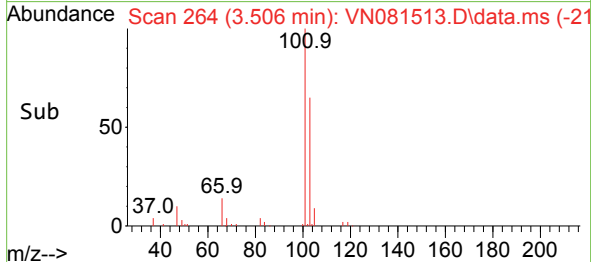
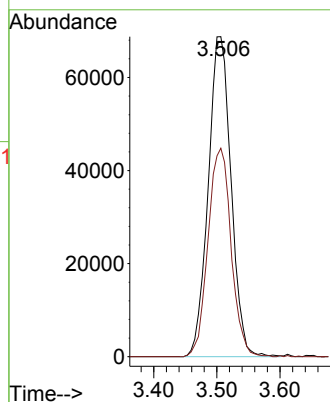
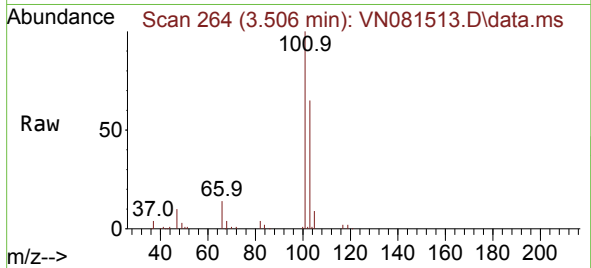




#7
Trichlorofluoromethane
Concen: 18.361 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

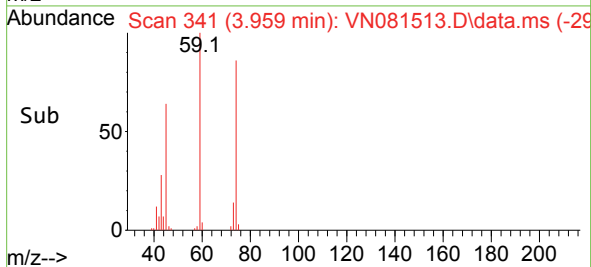
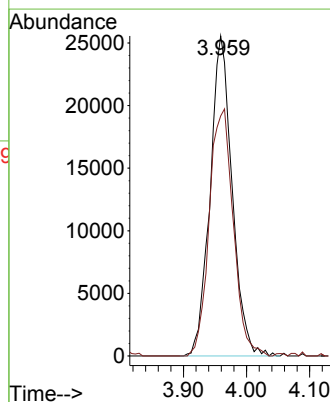
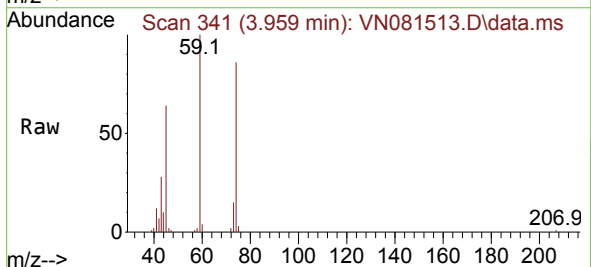
Instrument :
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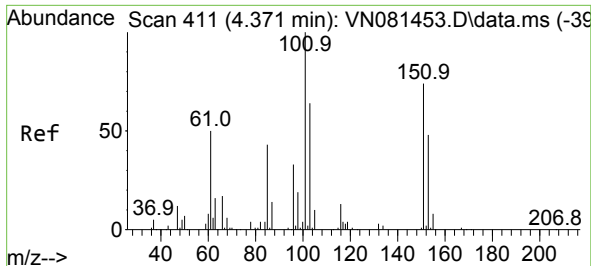
Tgt Ion:101 Resp: 172885
Ion Ratio Lower Upper
101 100
103 65.1 54.4 81.6



#8
Diethyl Ether
Concen: 19.896 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 74 Resp: 61998
Ion Ratio Lower Upper
74 100
45 84.1 53.3 159.9

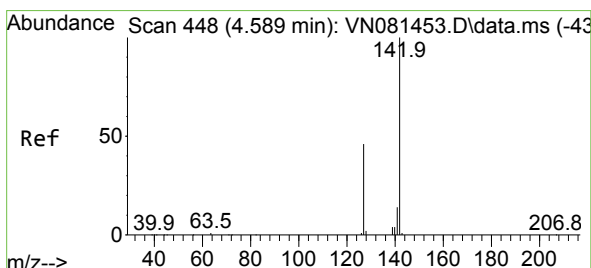
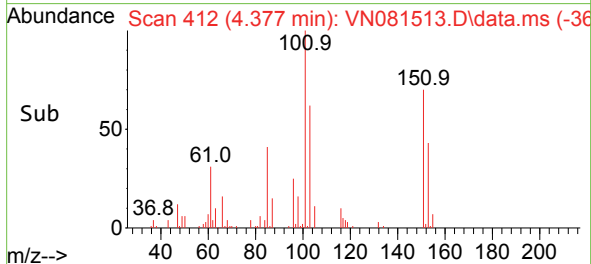
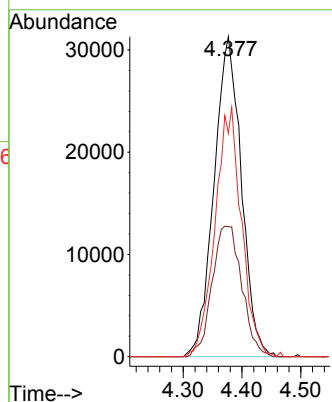
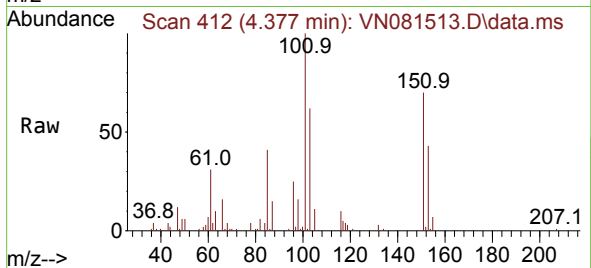




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.890 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

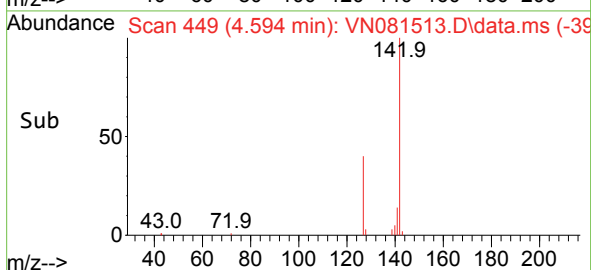
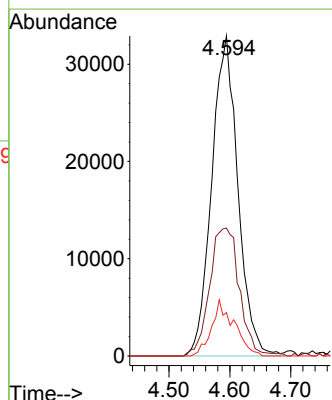
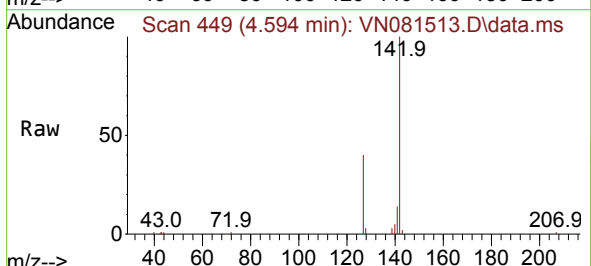
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

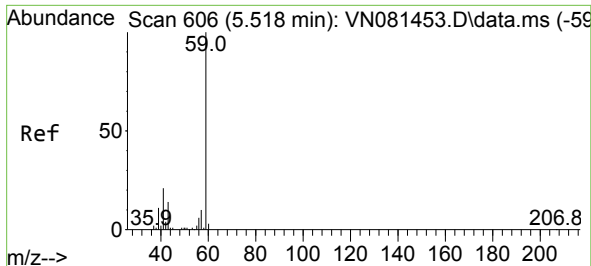
Tgt Ion:101 Resp: 101066
Ion Ratio Lower Upper
101 100
85 44.3 38.1 57.1
151 75.3 49.1 73.7#



#10
Methyl Iodide
Concen: 18.430 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion:142 Resp: 98195
Ion Ratio Lower Upper
142 100
127 40.0 37.0 55.4
141 13.6 12.5 18.7

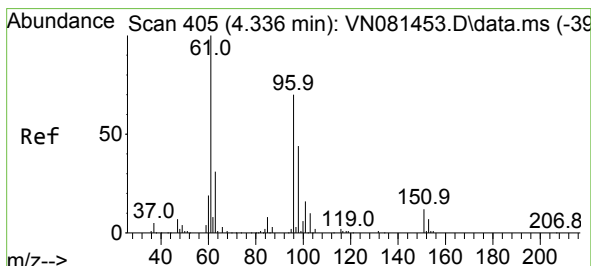
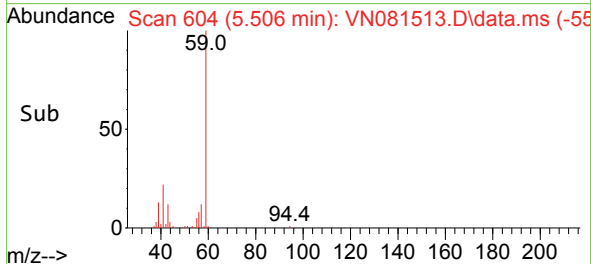
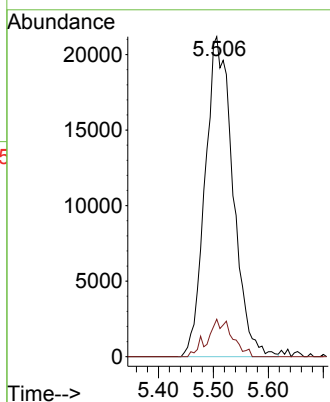
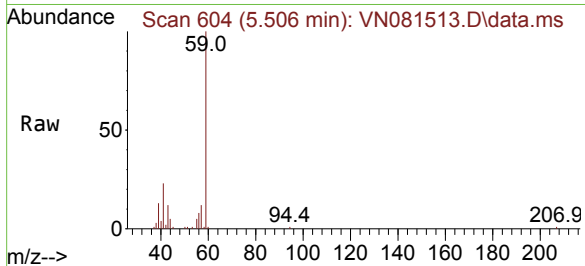




#11
Tert butyl alcohol
Concen: 79.688 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

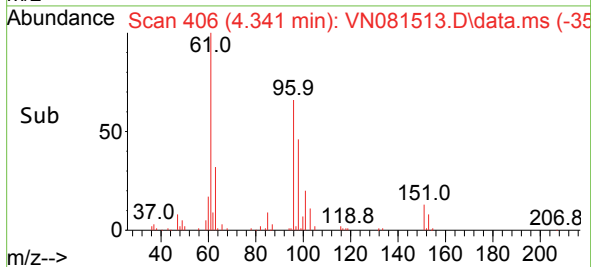
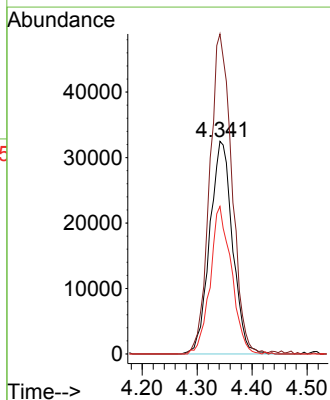
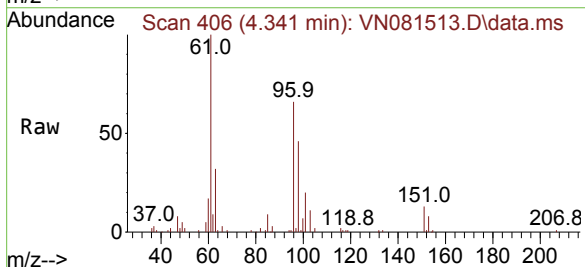
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

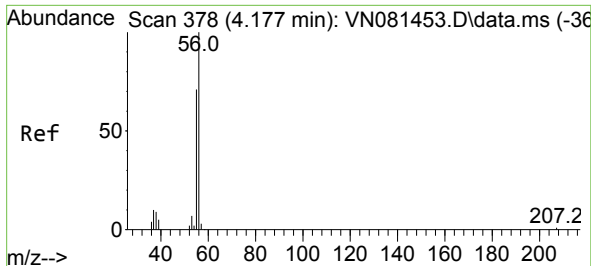
Tgt Ion: 59 Resp: 74366
Ion Ratio Lower Upper
59 100
57 9.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.859 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 96 Resp: 93459
Ion Ratio Lower Upper
96 100
61 150.5 138.2 207.4
98 69.4 49.2 73.8

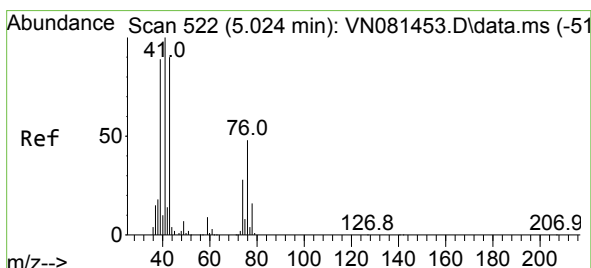
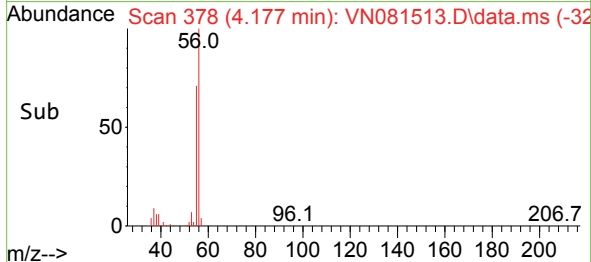
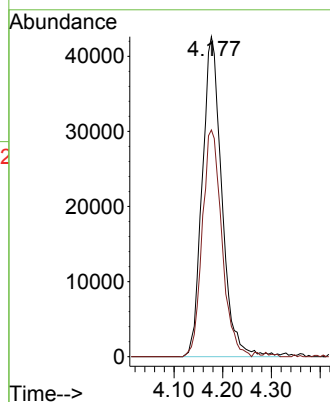
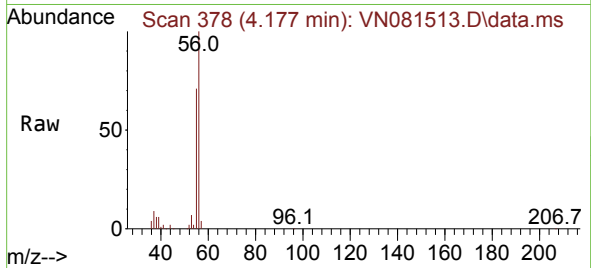




#13
Acrolein
Concen: 141.971 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

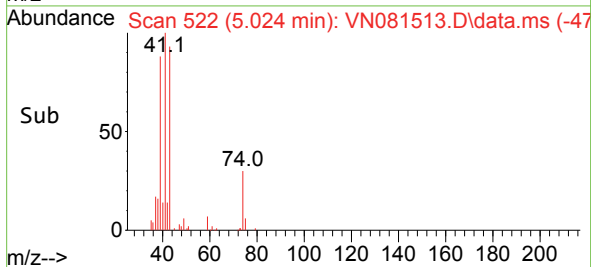
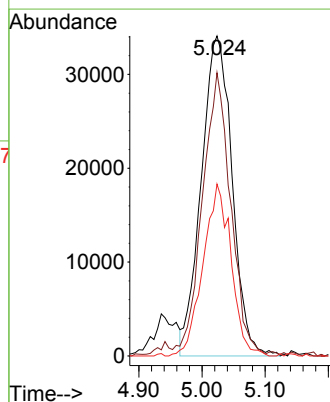
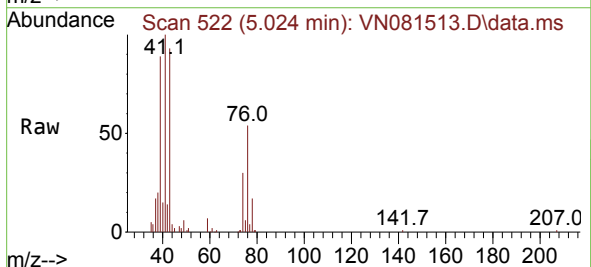
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

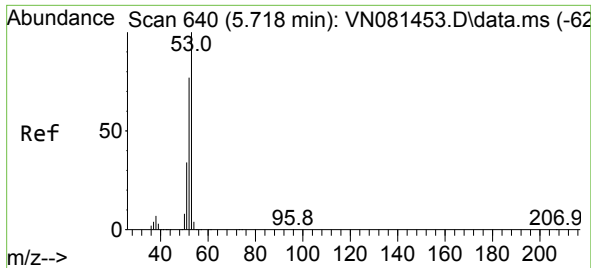
Tgt Ion: 56 Resp: 118886
Ion Ratio Lower Upper
56 100
55 70.7 55.3 82.9



#14
Allyl chloride
Concen: 18.666 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 41 Resp: 115910
Ion Ratio Lower Upper
41 100
39 79.8 57.7 86.5
76 48.8 26.8 40.2#

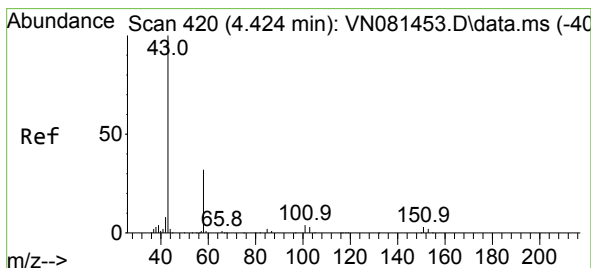
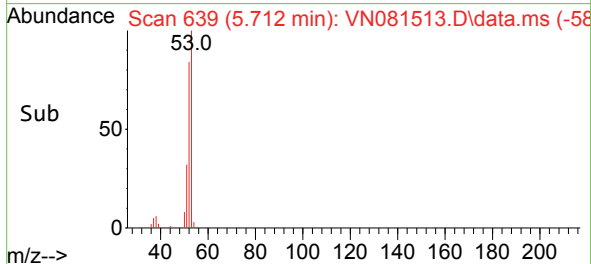
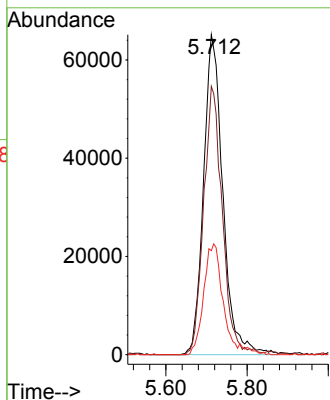
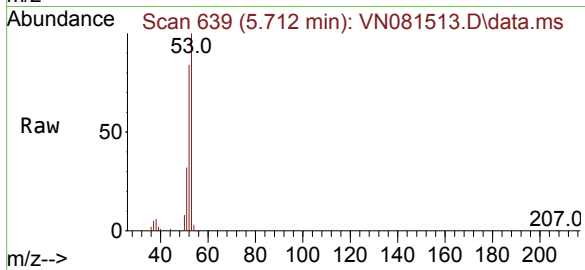




#15
Acrylonitrile
Concen: 86.072 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

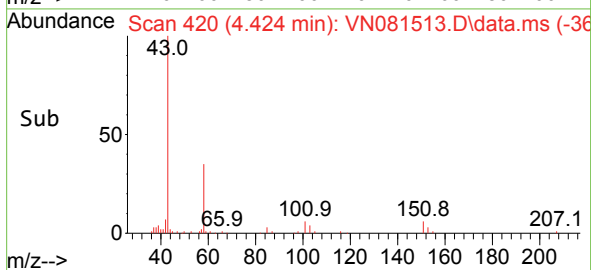
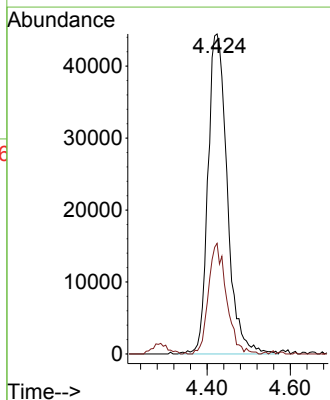
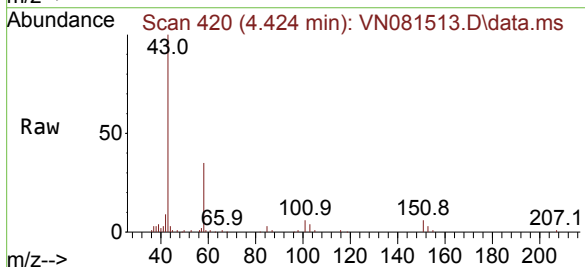
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

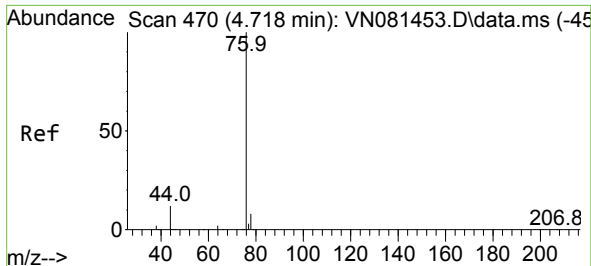
Tgt Ion: 53 Resp: 214886
Ion Ratio Lower Upper
53 100
52 81.1 64.8 97.2
51 35.4 26.9 40.3



#16
Acetone
Concen: 82.707 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 43 Resp: 143135
Ion Ratio Lower Upper
43 100
58 34.1 24.8 37.2

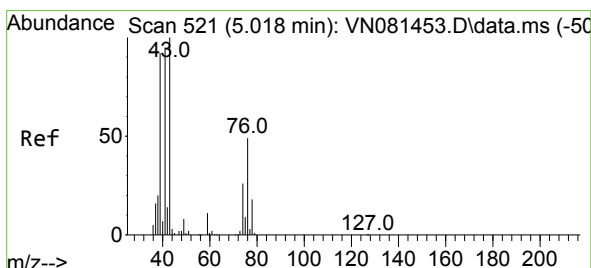
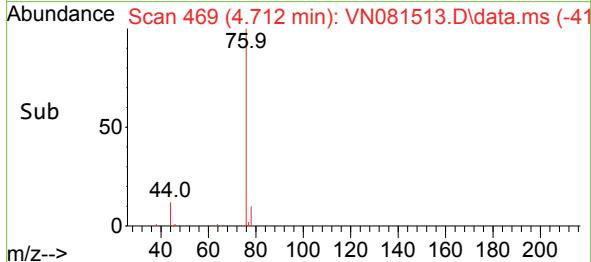
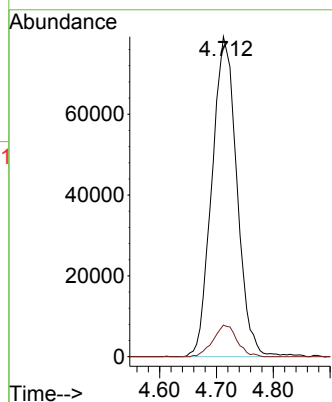
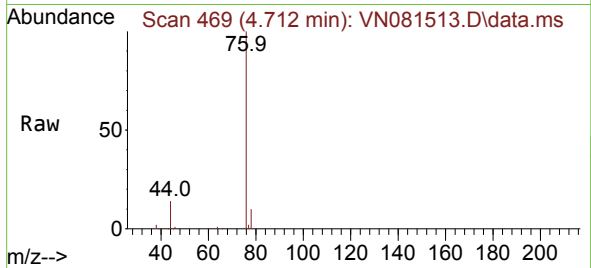




#17
Carbon Disulfide
Concen: 16.996 ug/l
RT: 4.712 min Scan# 470
Delta R.T. -0.006 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

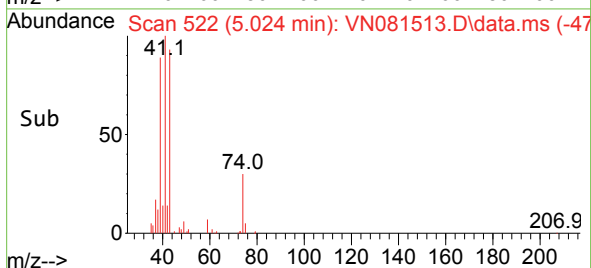
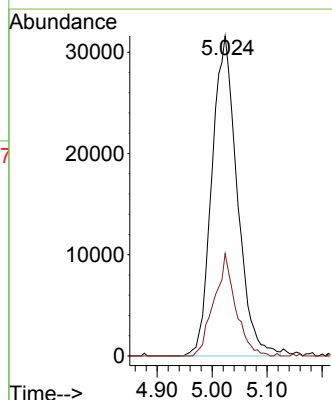
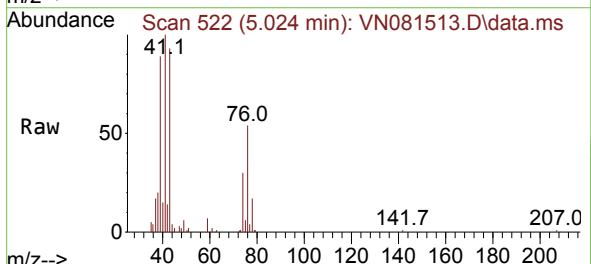
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

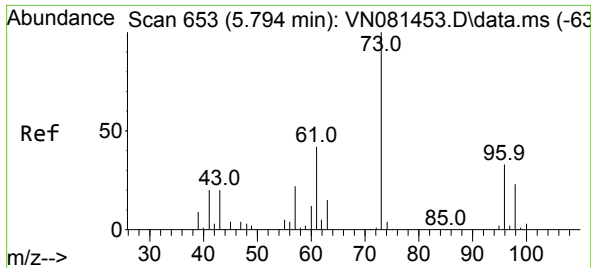
Tgt Ion: 76 Resp: 241701
Ion Ratio Lower Upper
76 100
78 9.8 6.3 9.5#



#18
Methyl Acetate
Concen: 18.943 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 43 Resp: 101072
Ion Ratio Lower Upper
43 100
74 27.2 17.3 25.9#

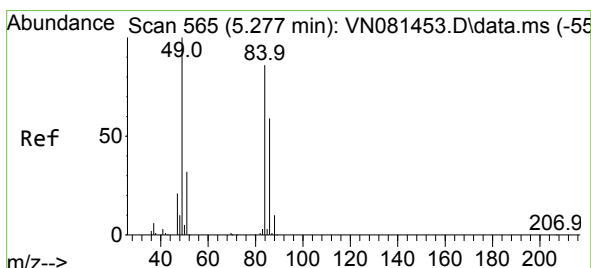
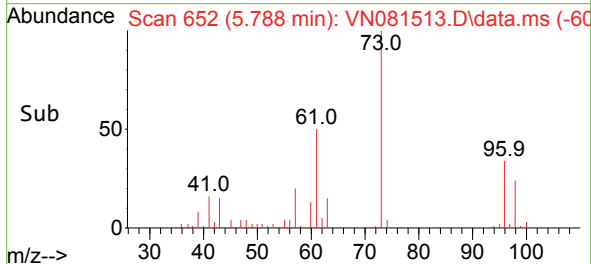
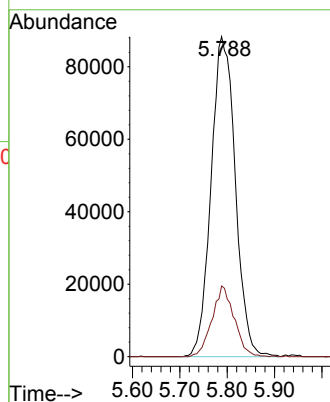
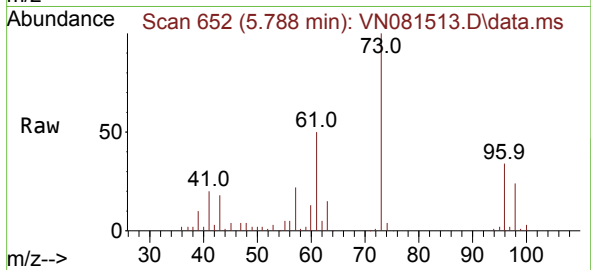




#19
Methyl tert-butyl Ether
Concen: 20.228 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

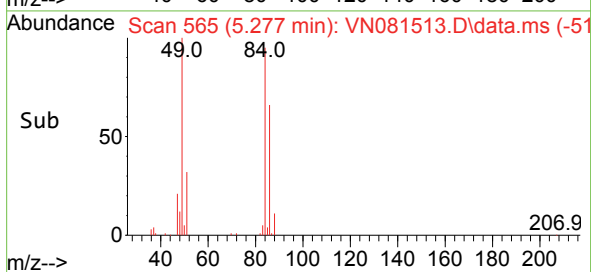
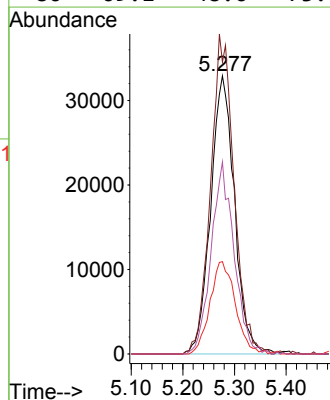
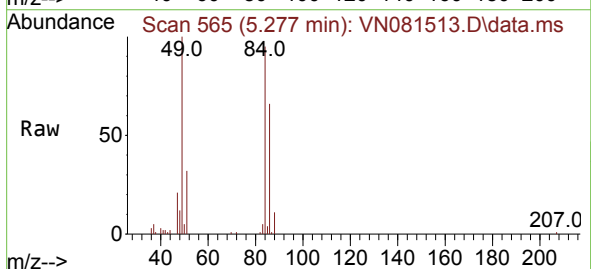
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

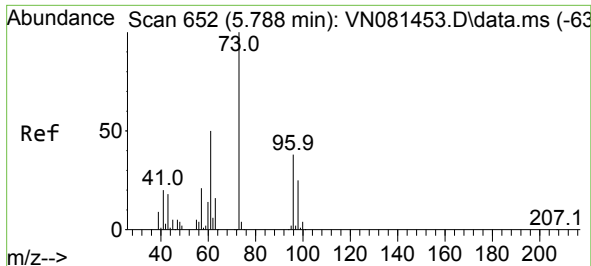
Tgt Ion: 73 Resp: 313719
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.4



#20
Methylene Chloride
Concen: 18.608 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 84 Resp: 105489
Ion Ratio Lower Upper
84 100
49 105.0 108.1 162.1#
51 33.2 32.9 49.3
86 69.1 48.6 73.0

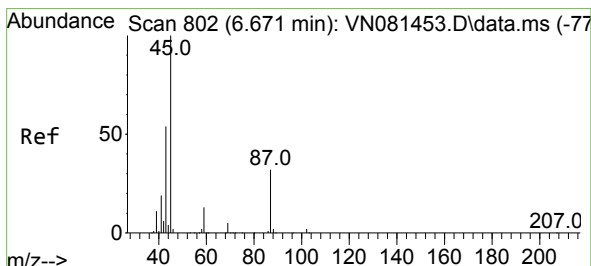
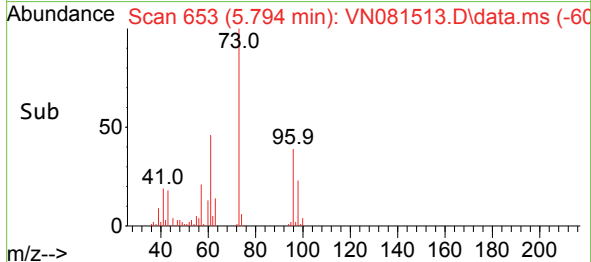
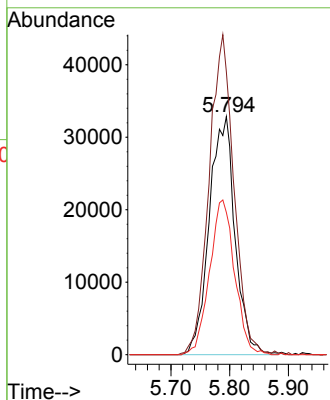
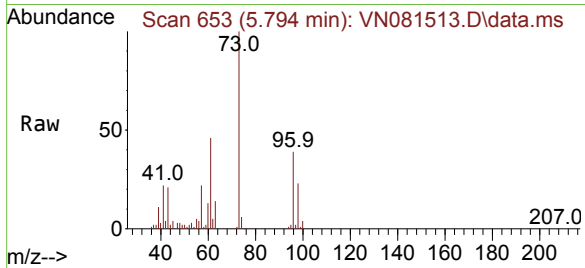




#21
trans-1,2-Dichloroethene
Concen: 18.108 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

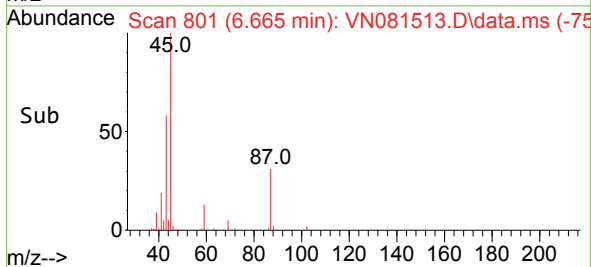
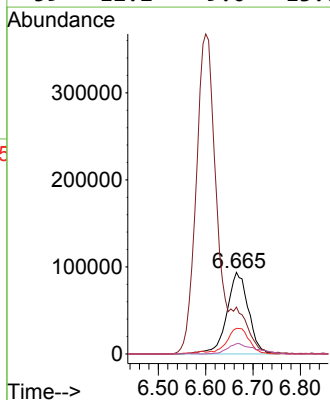
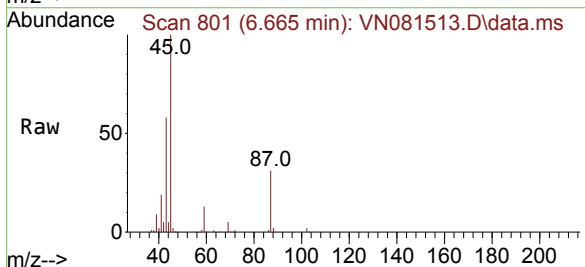
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

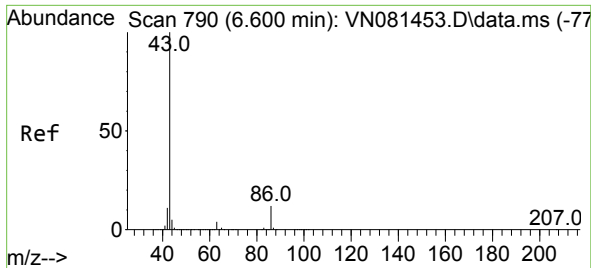
Tgt Ion: 96 Resp: 100057
Ion Ratio Lower Upper
96 100
61 118.8 112.8 169.2
98 59.8 51.0 76.4



#22
Diisopropyl ether
Concen: 20.469 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 45 Resp: 295346
Ion Ratio Lower Upper
45 100
43 55.4 41.8 62.8
87 31.5 18.1 27.1#
59 12.2 9.0 13.6

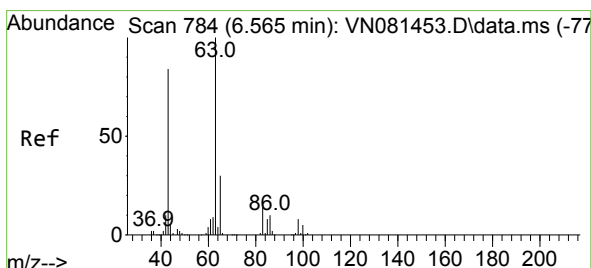
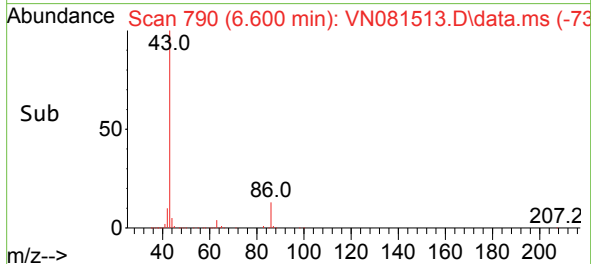
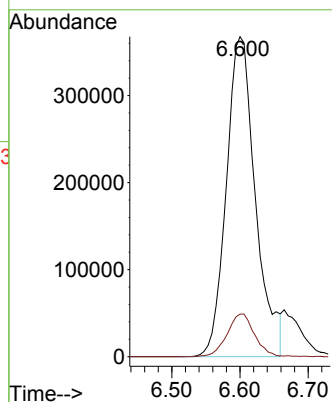
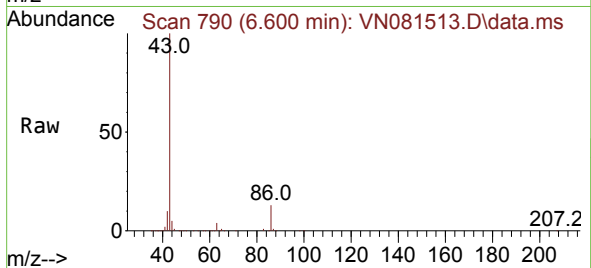




#23
 Vinyl Acetate
 Concen: 95.126 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081513.D
 Acq: 21 Mar 2024 12:39

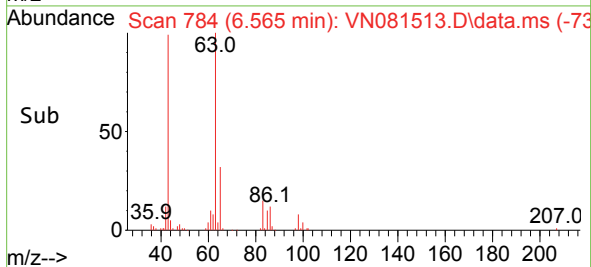
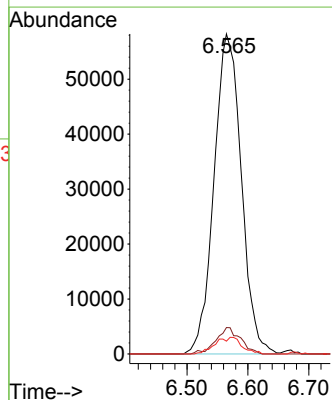
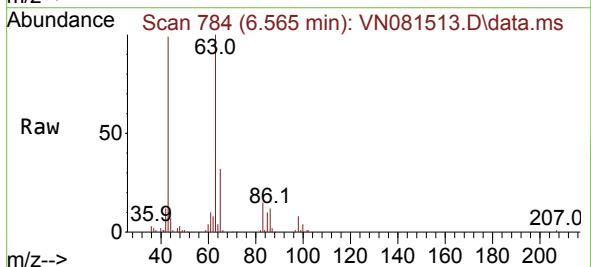
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

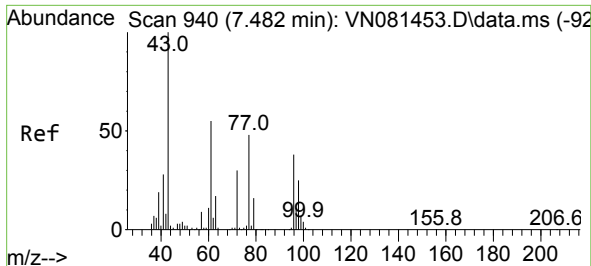
Tgt Ion: 43 Resp: 1092509
 Ion Ratio Lower Upper
 43 100
 86 13.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 18.744 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN081513.D
 Acq: 21 Mar 2024 12:39

Tgt Ion: 63 Resp: 181138
 Ion Ratio Lower Upper
 63 100
 98 8.3 2.9 8.6
 100 4.0 1.9 5.7

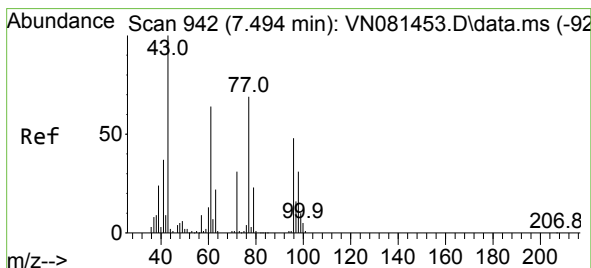
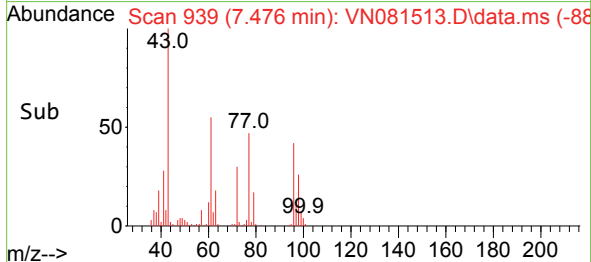
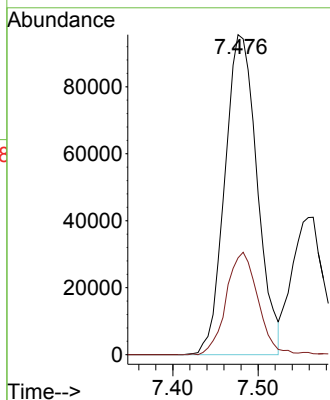
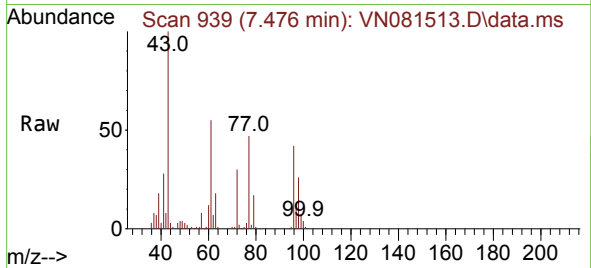




#25
2-Butanone
Concen: 84.832 ug/l
RT: 7.476 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

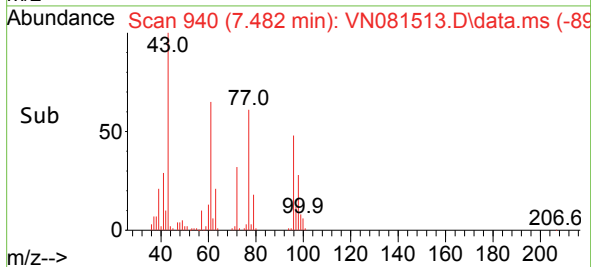
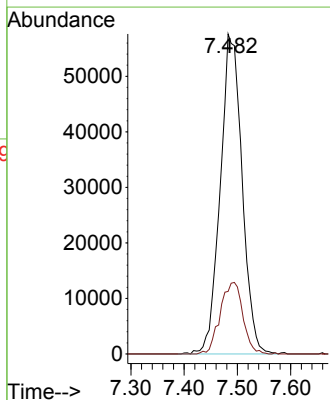
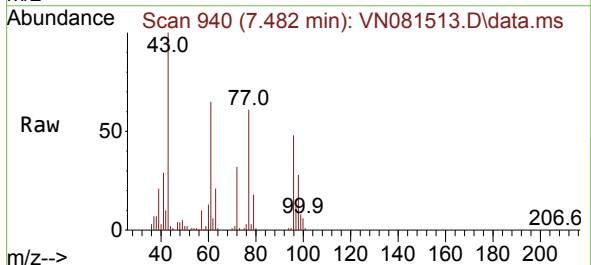
Instrument :
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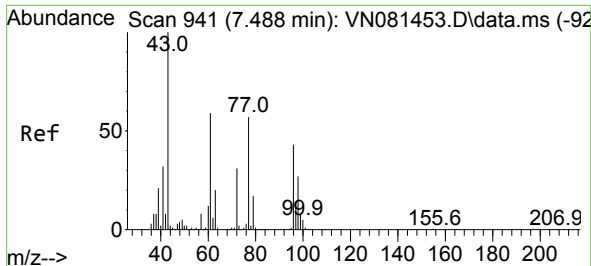
Tgt Ion: 43 Resp: 251814
Ion Ratio Lower Upper
43 100
72 30.2 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 19.581 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.012 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 77 Resp: 164130
Ion Ratio Lower Upper
77 100
97 23.2 11.5 34.5

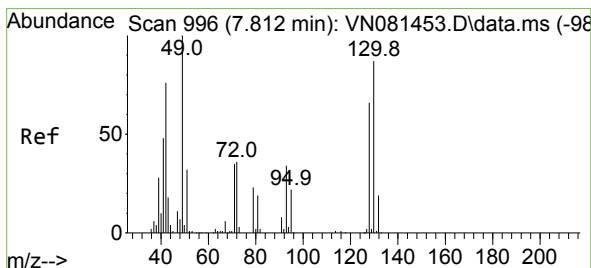
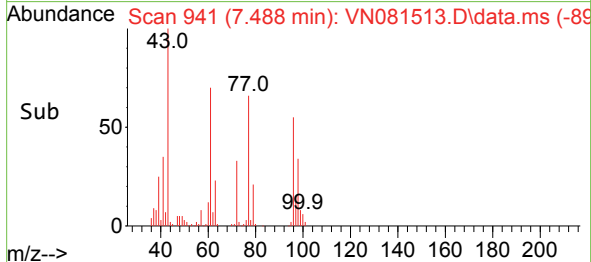
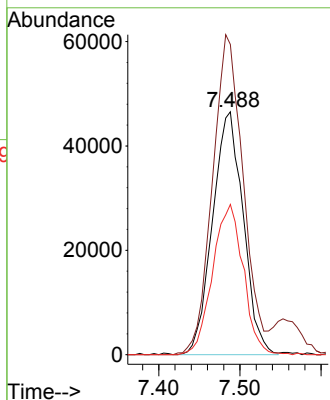
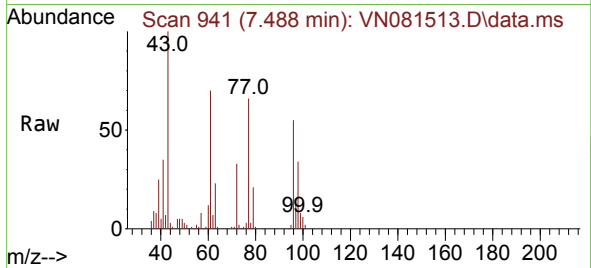




#27
 cis-1,2-Dichloroethene
 Concen: 19.536 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081513.D
 Acq: 21 Mar 2024 12:39

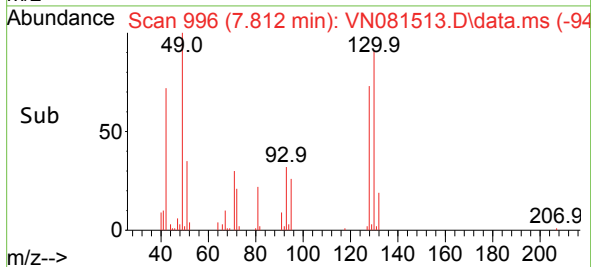
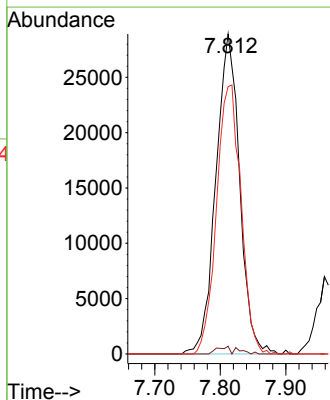
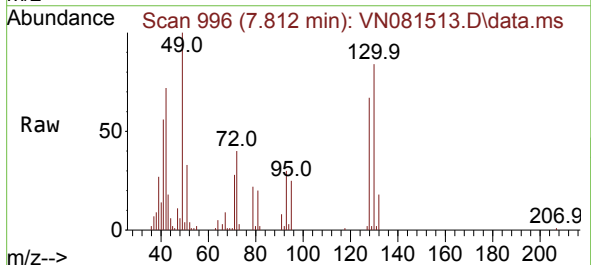
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

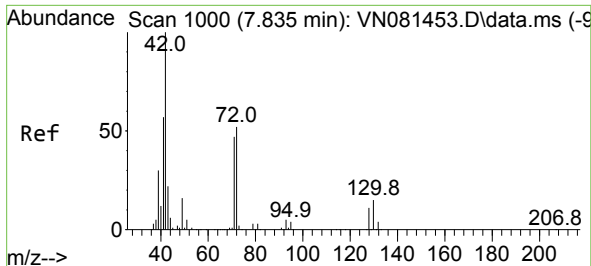
Tgt Ion: 96 Resp: 122136
 Ion Ratio Lower Upper
 96 100
 61 132.4 0.0 325.4
 98 61.8 0.0 130.4



#28
 Bromochloromethane
 Concen: 18.425 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081513.D
 Acq: 21 Mar 2024 12:39

Tgt Ion: 49 Resp: 72527
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 1.6
 130 0.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 86.141 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

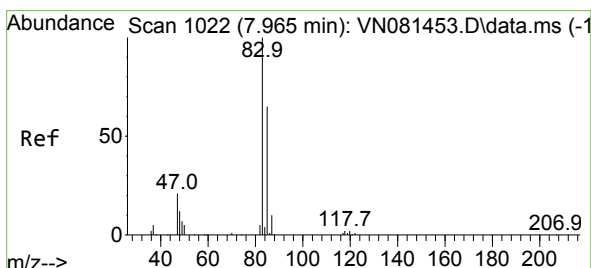
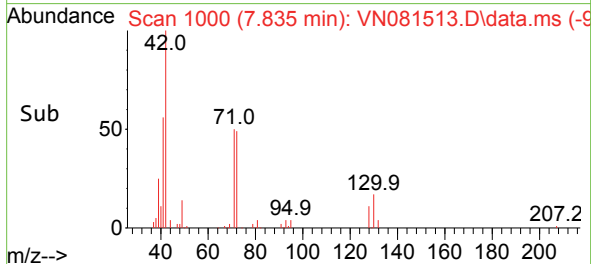
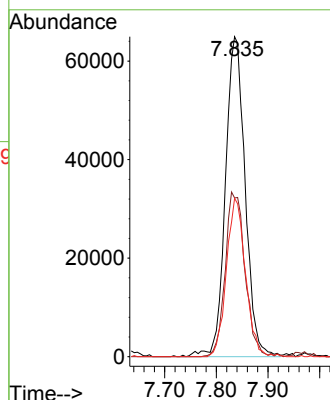
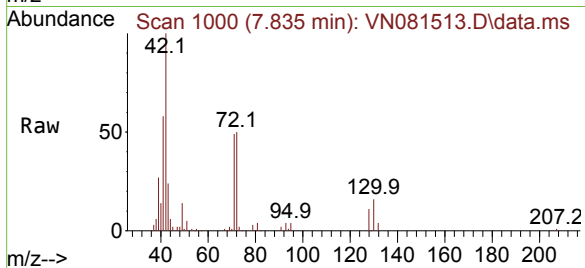
Tgt Ion: 42 Resp: 172256

Ion Ratio Lower Upper

42 100

72 51.7 31.1 46.7#

71 47.8 28.3 42.5#



#30

Chloroform

Concen: 19.505 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081513.D

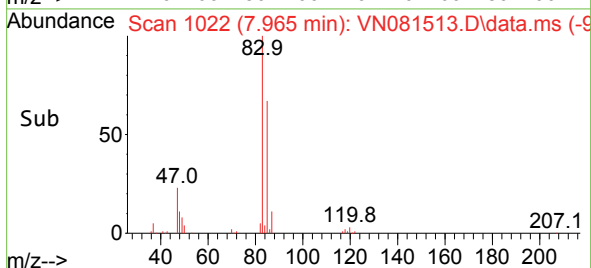
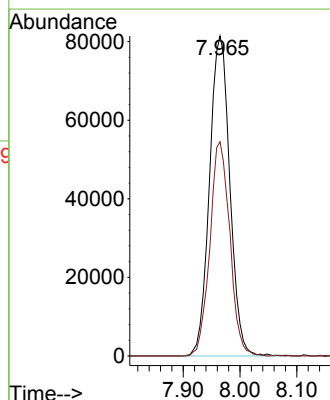
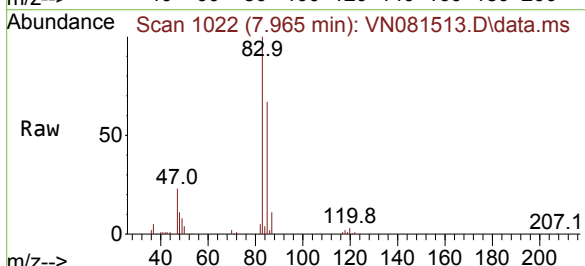
Acq: 21 Mar 2024 12:39

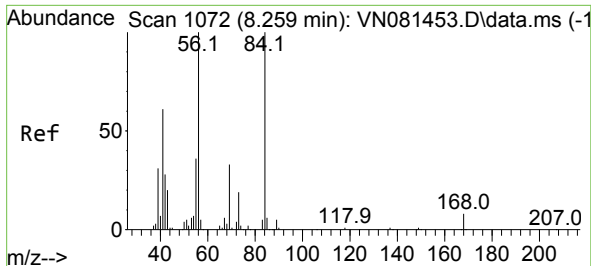
Tgt Ion: 83 Resp: 201791

Ion Ratio Lower Upper

83 100

85 66.9 51.0 76.6

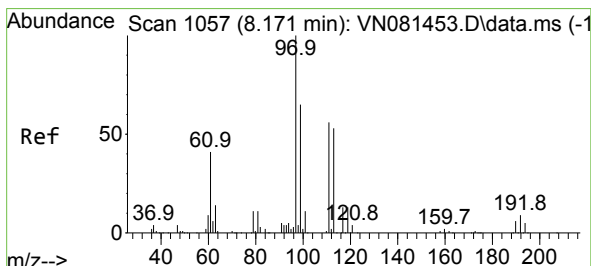
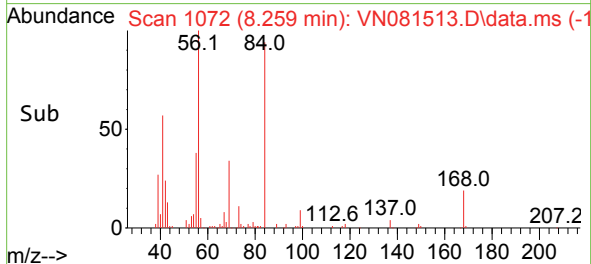
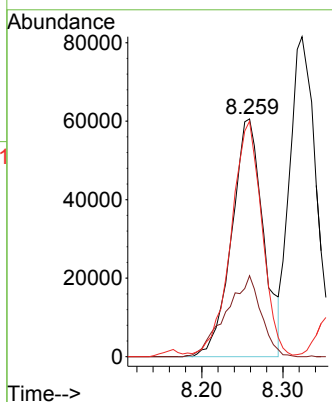
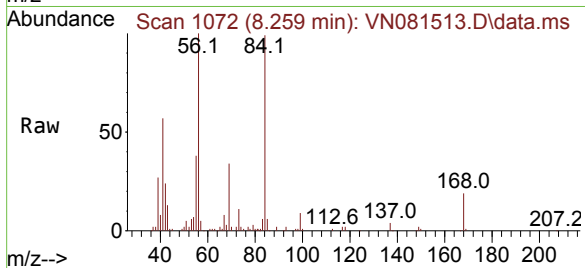




#31
Cyclohexane
Concen: 18.722 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

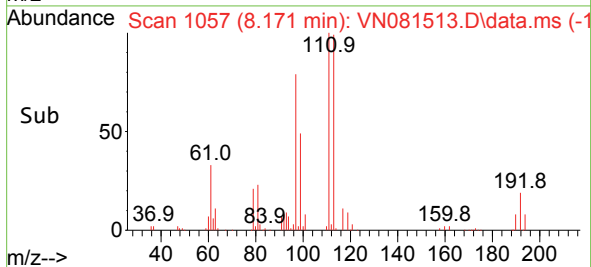
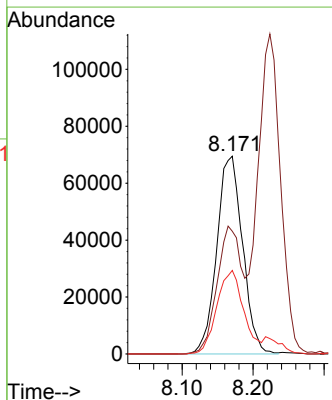
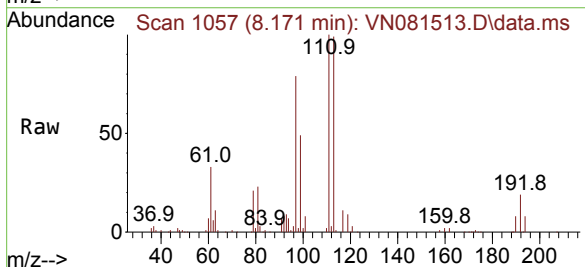
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

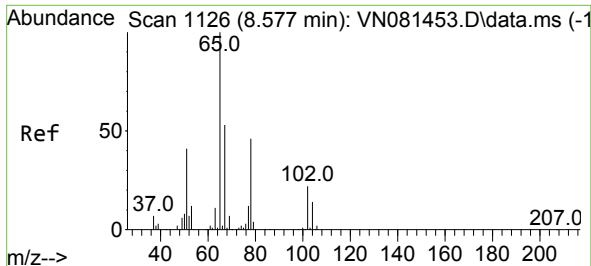
Tgt Ion: 56 Resp: 163147
Ion Ratio Lower Upper
56 100
69 34.0 20.1 30.1#
84 97.3 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 18.698 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 97 Resp: 175499
Ion Ratio Lower Upper
97 100
99 60.9 53.4 80.0
61 44.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 49.201 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

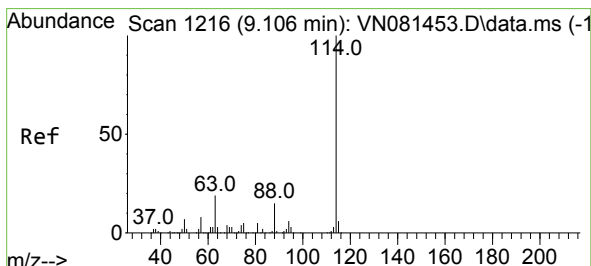
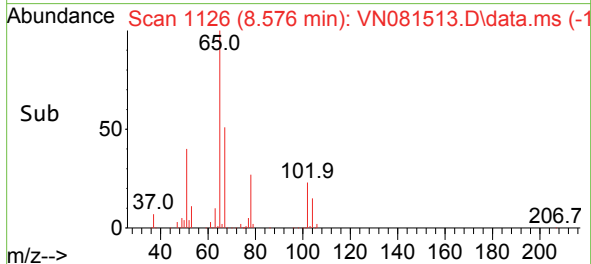
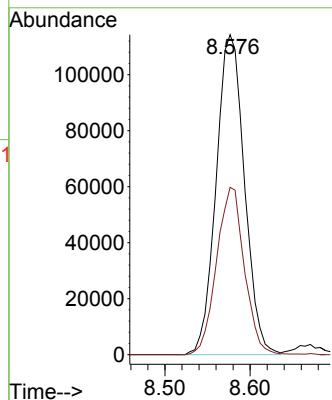
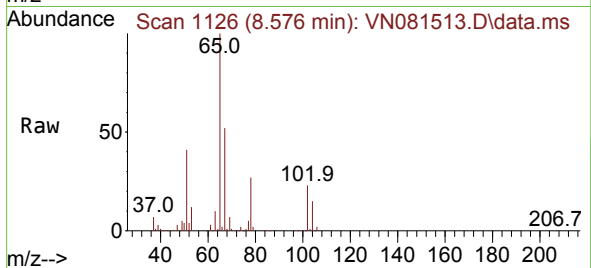
VN0321WBSD01

Tgt Ion: 65 Resp: 263477

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

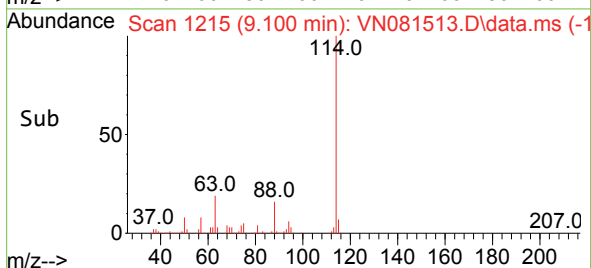
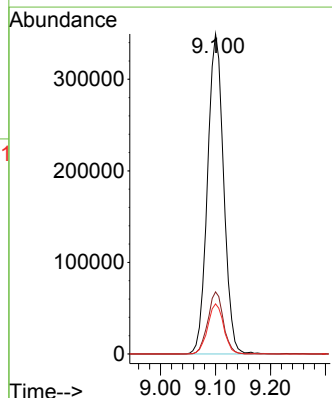
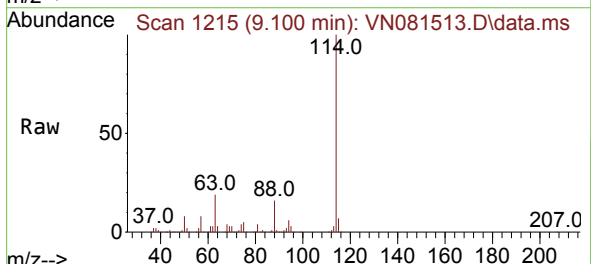
Tgt Ion: 114 Resp: 711916

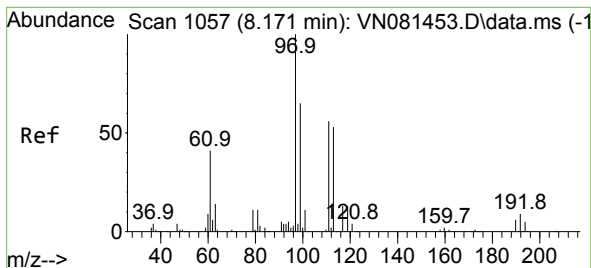
Ion Ratio Lower Upper

114 100

63 19.4 0.0 48.0

88 15.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.017 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

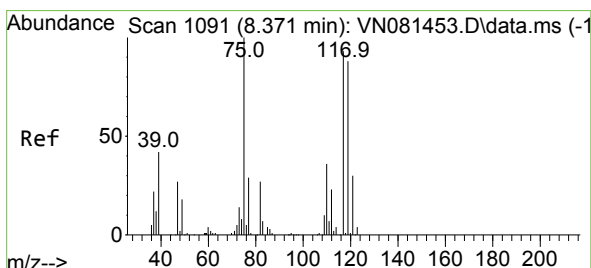
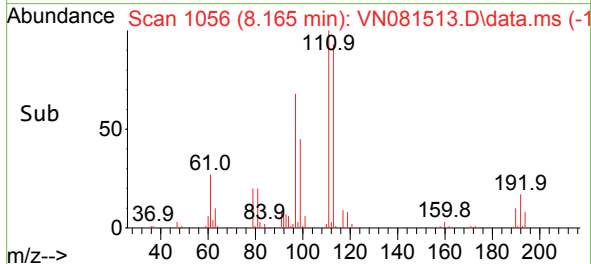
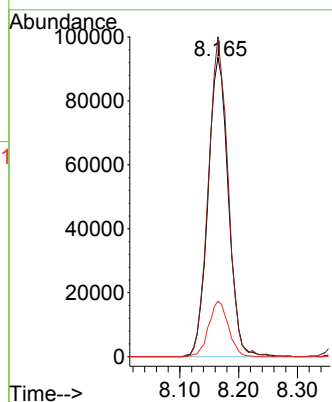
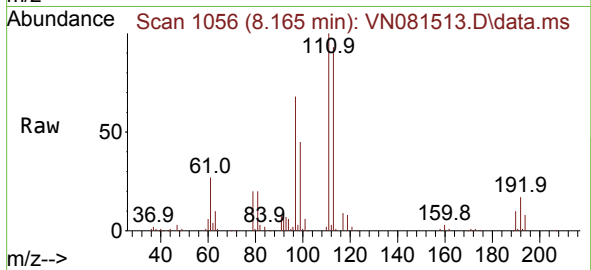
Tgt Ion:113 Resp: 224721

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 17.9 12.5 18.7



#36

1,1-Dichloropropene

Concen: 19.148 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

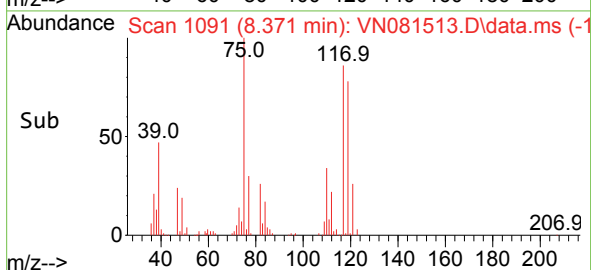
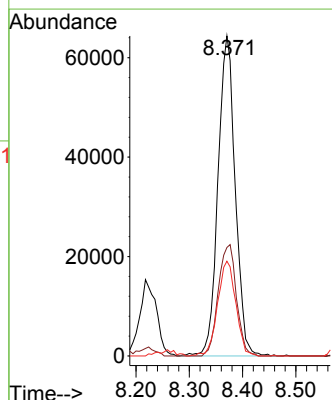
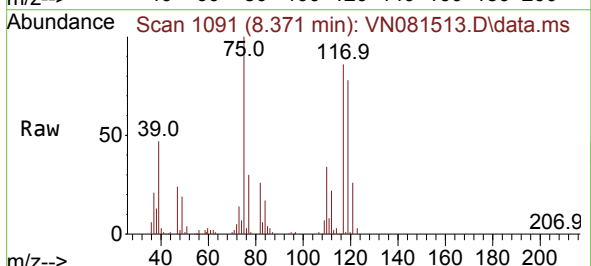
Tgt Ion: 75 Resp: 144777

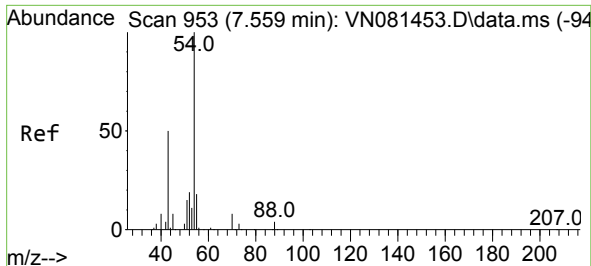
Ion Ratio Lower Upper

75 100

110 36.6 16.0 48.0

77 31.2 25.8 38.6

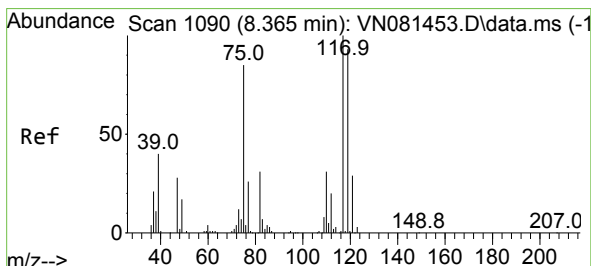
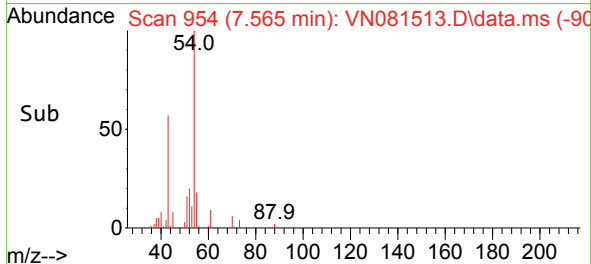
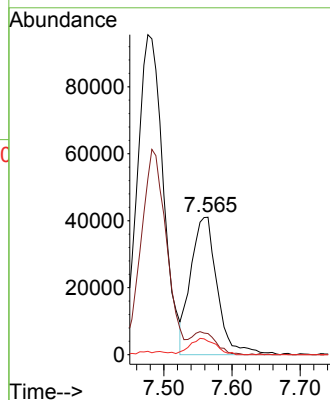
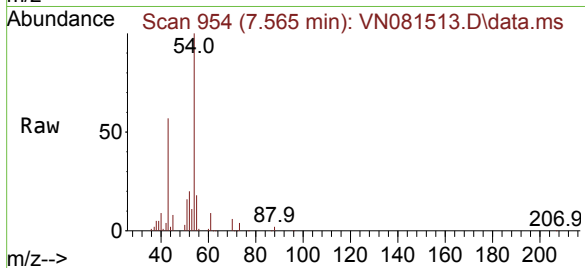




#37
Ethyl Acetate
Concen: 17.117 ug/l
RT: 7.565 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

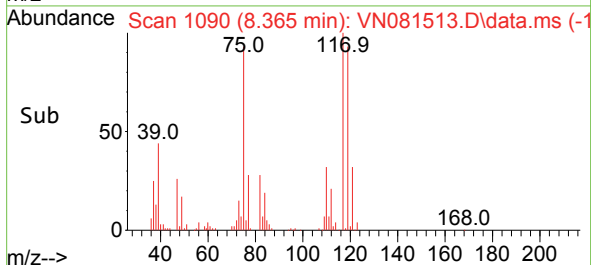
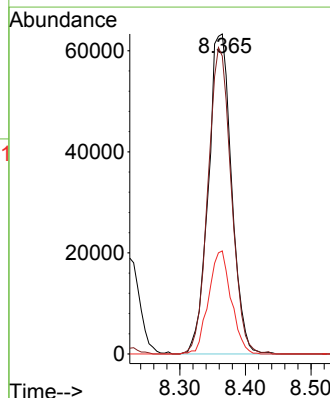
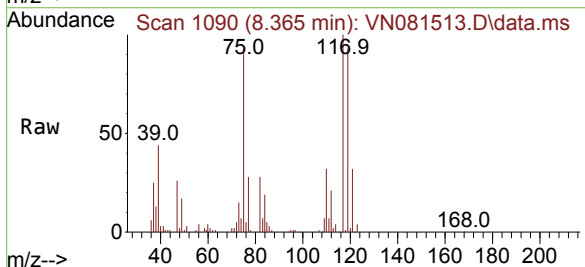
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

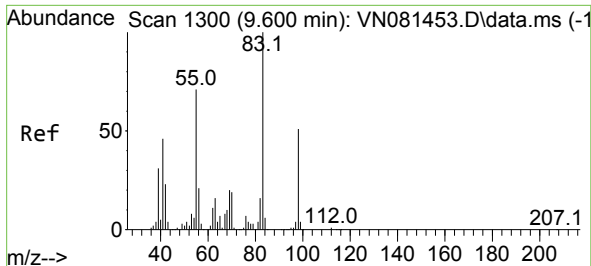
Tgt Ion: 43 Resp: 110826
Ion Ratio Lower Upper
43 100
61 14.7 10.6 15.8
70 11.4 8.0 12.0



#38
Carbon Tetrachloride
Concen: 18.860 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 117 Resp: 156216
Ion Ratio Lower Upper
117 100
119 93.1 73.4 110.2
121 32.2 24.4 36.6





#39

Methylcyclohexane

Concen: 19.778 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

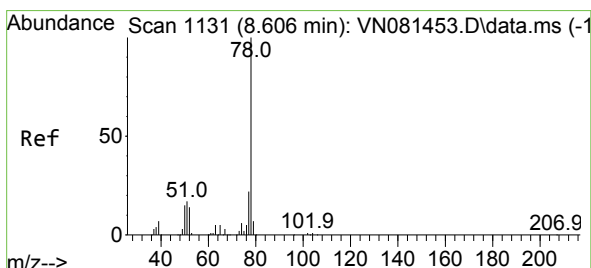
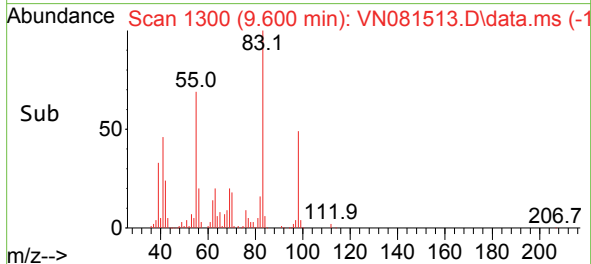
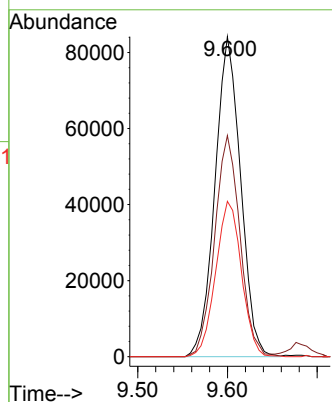
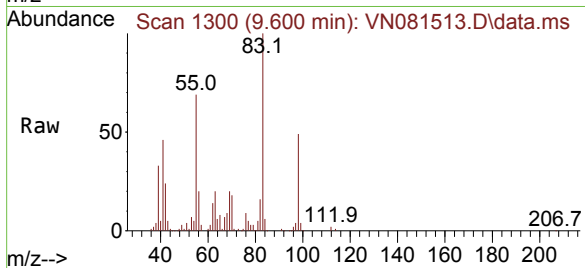
Tgt Ion: 83 Resp: 167003

Ion Ratio Lower Upper

83 100

55 69.1 65.7 98.5

98 48.5 33.8 50.6



#40

Benzene

Concen: 19.436 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081513.D

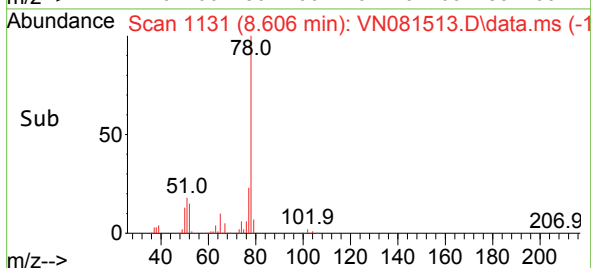
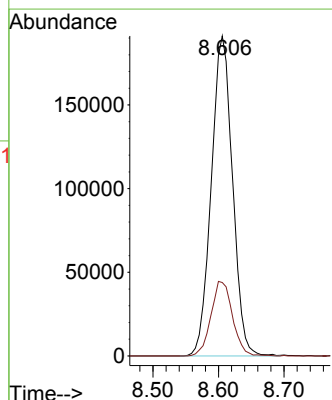
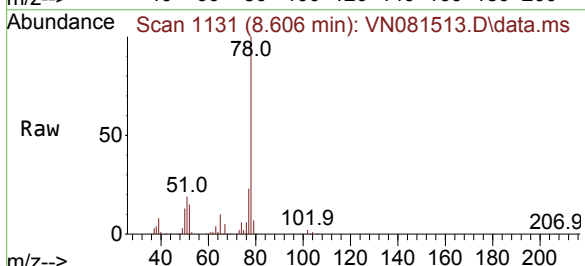
Acq: 21 Mar 2024 12:39

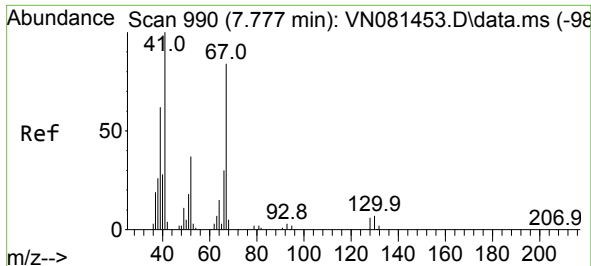
Tgt Ion: 78 Resp: 429641

Ion Ratio Lower Upper

78 100

77 23.0 20.4 30.6

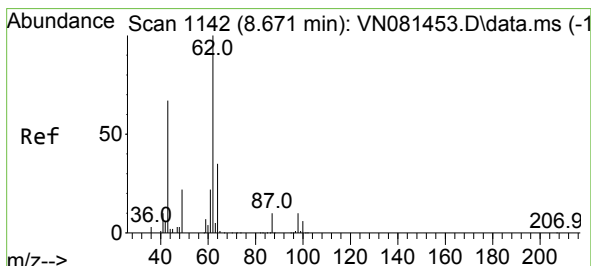
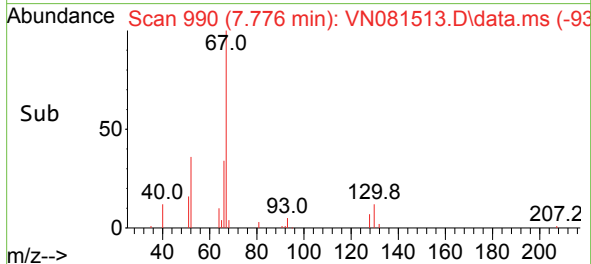
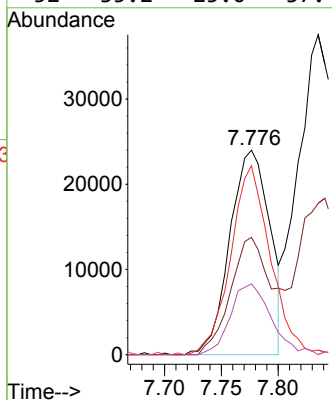
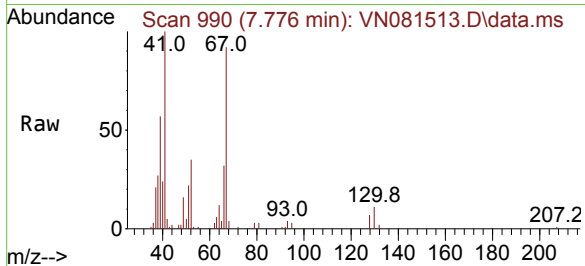




#41
Methacrylonitrile
Concen: 17.143 ug/l
RT: 7.776 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

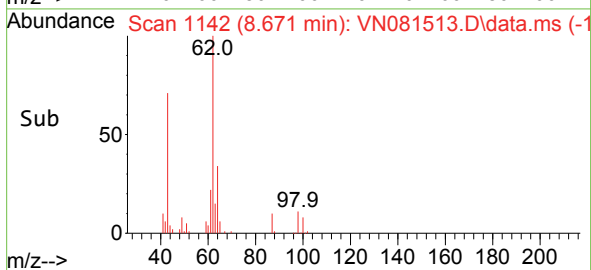
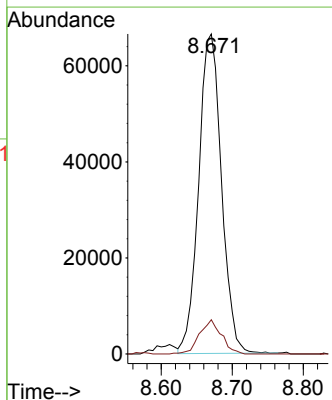
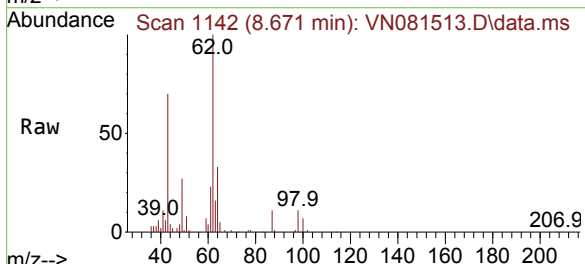
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

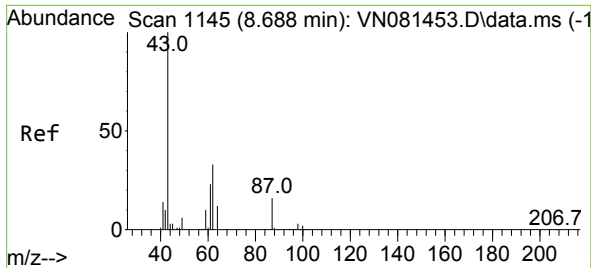
Tgt Ion:	41	Resp:	58696
Ion Ratio	Lower	Upper	
41	100		
39	60.9	48.4	72.6
67	91.9	56.8	85.2#
52	35.2	25.0	37.4



#42
1,2-Dichloroethane
Concen: 19.156 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion:	62	Resp:	149024
Ion Ratio	Lower	Upper	
62	100		
98	10.3	0.0	18.0

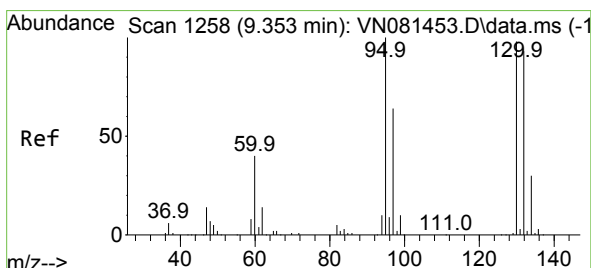
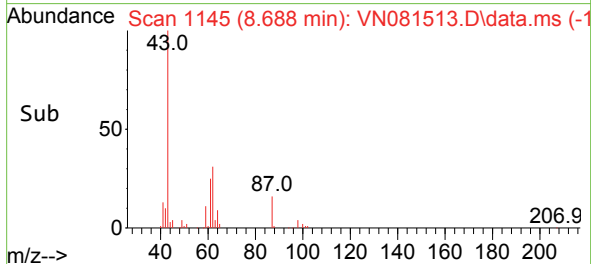
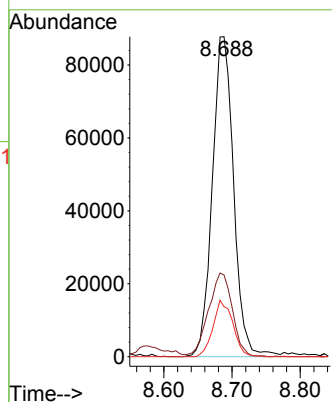
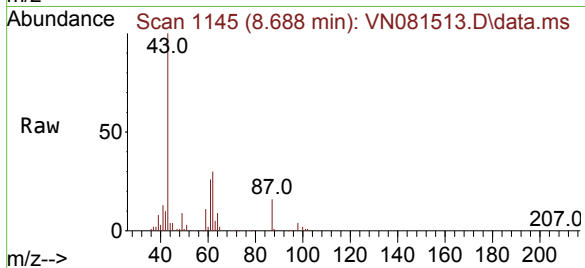




#43
Isopropyl Acetate
Concen: 17.819 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

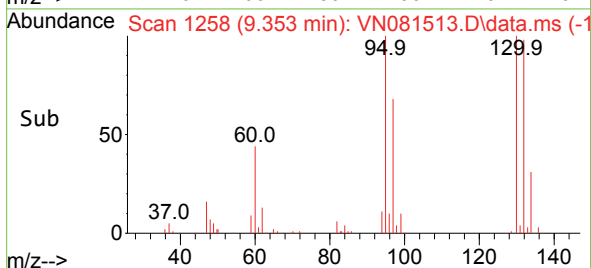
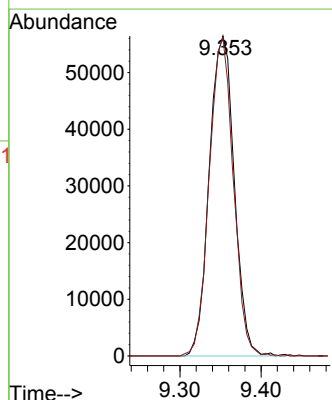
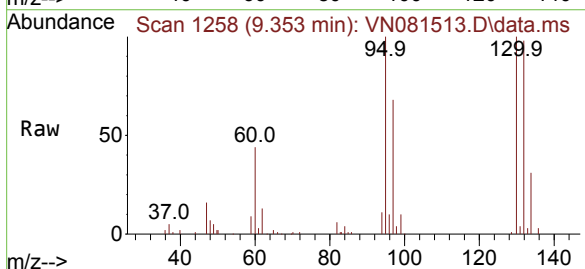
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

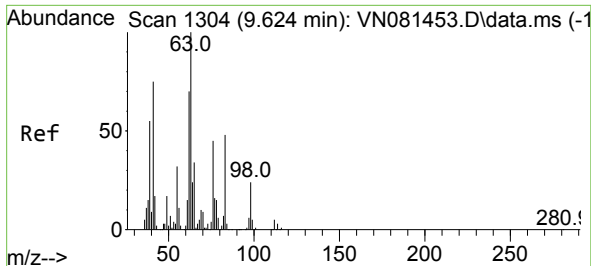
Tgt Ion: 43 Resp: 191241
Ion Ratio Lower Upper
43 100
61 29.3 19.9 29.9
87 16.4 9.0 13.6#



#44
Trichloroethene
Concen: 19.409 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion:130 Resp: 120671
Ion Ratio Lower Upper
130 100
95 99.5 0.0 210.4





#45

1,2-Dichloropropane

Concen: 19.669 ug/l

RT: 9.617 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

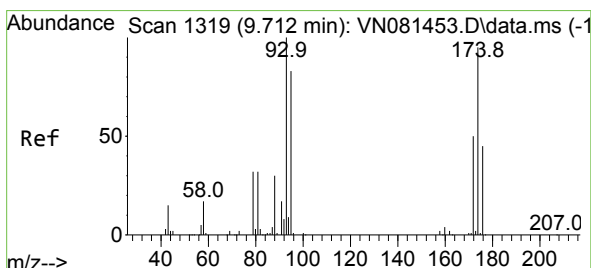
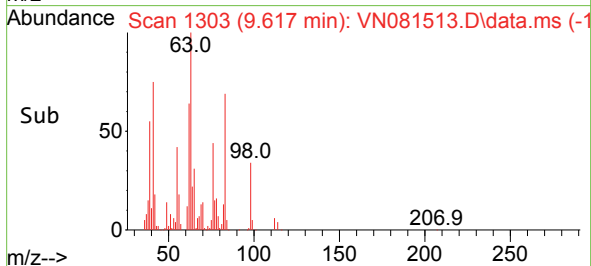
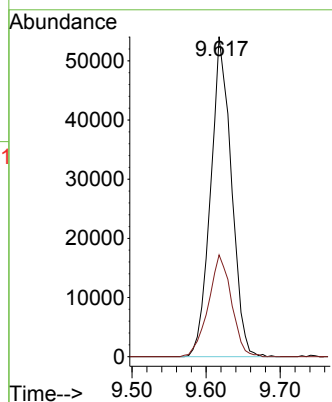
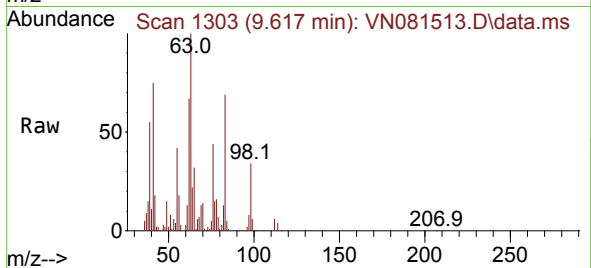
VN0321WBSD01

Tgt Ion: 63 Resp: 105371

Ion Ratio Lower Upper

63 100

65 31.8 26.1 39.1



#46

Dibromomethane

Concen: 19.047 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

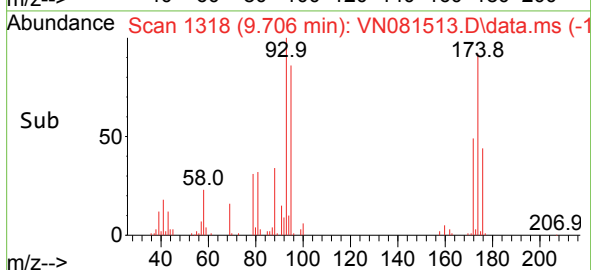
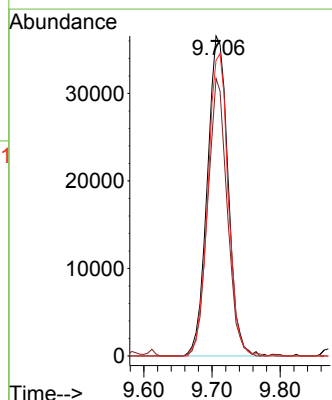
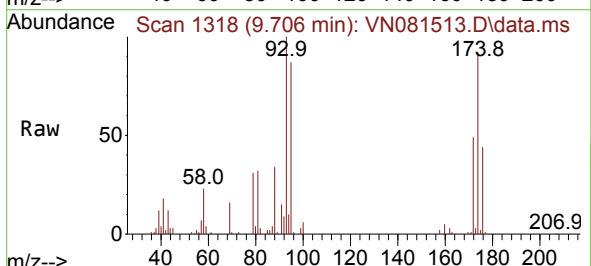
Tgt Ion: 93 Resp: 77491

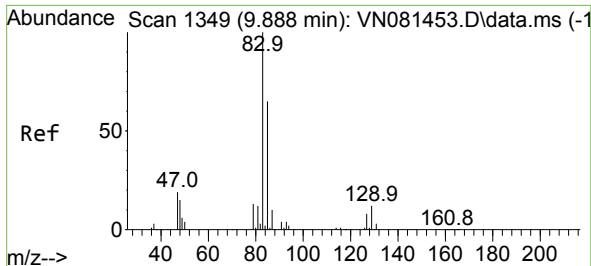
Ion Ratio Lower Upper

93 100

95 81.4 68.1 102.1

174 92.6 57.2 85.8

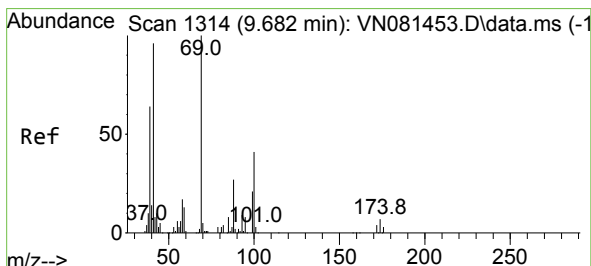
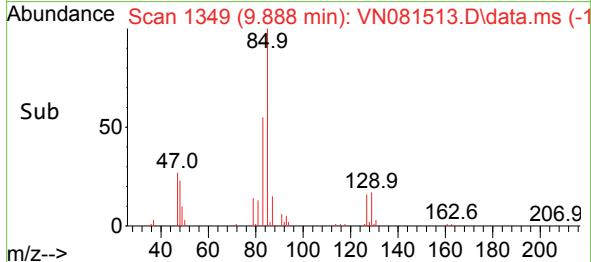
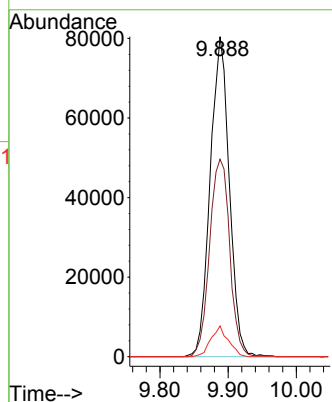
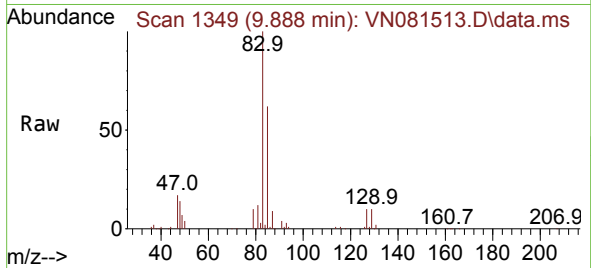




#47
Bromodichloromethane
Concen: 19.716 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

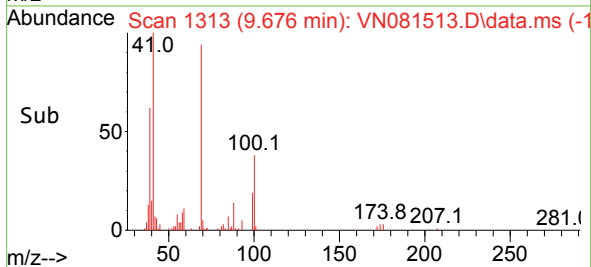
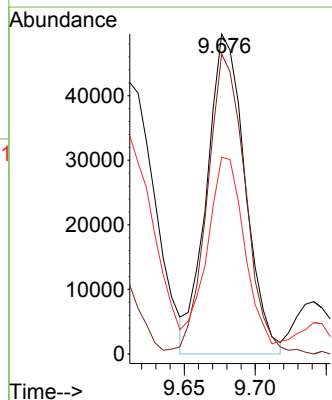
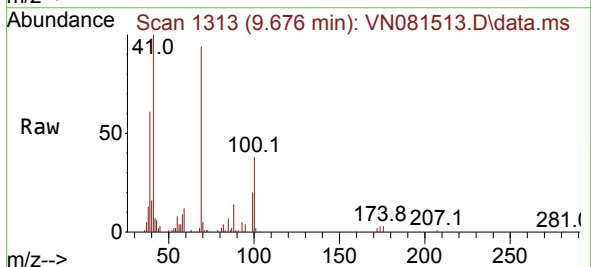
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

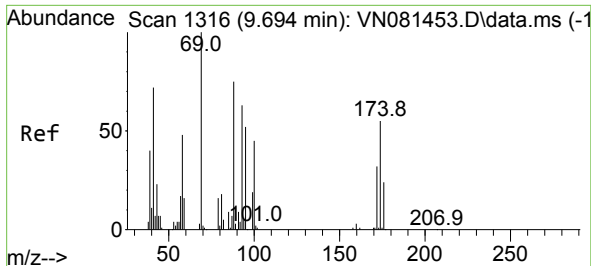
Tgt Ion: 83 Resp: 156833
Ion Ratio Lower Upper
83 100
85 61.7 52.3 78.5
127 9.6 4.6 7.0#



#48
Methyl methacrylate
Concen: 18.805 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 41 Resp: 93088
Ion Ratio Lower Upper
41 100
69 93.1 62.2 93.2
39 61.9 47.6 71.4





#49

1,4-Dioxane

Concen: 317.807 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

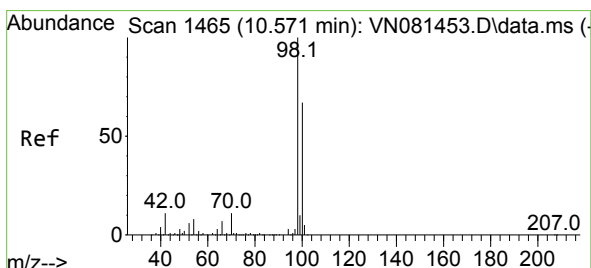
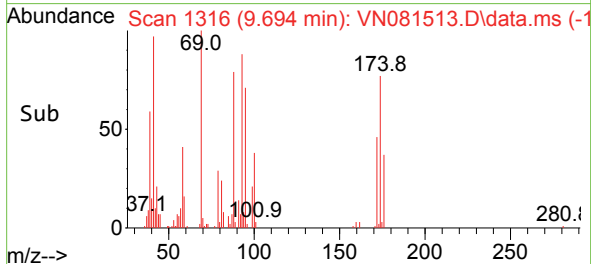
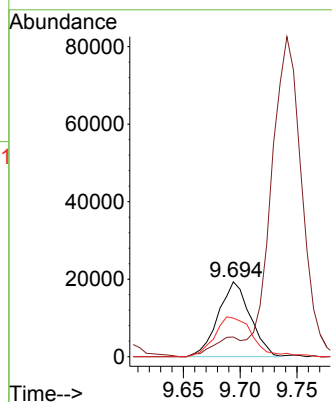
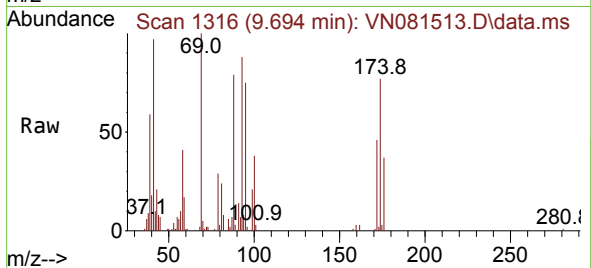
Tgt Ion: 88 Resp: 37806

Ion Ratio Lower Upper

88 100

43 22.8 30.1 45.1#

58 63.4 63.9 95.9#



#50

Toluene-d8

Concen: 50.577 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081513.D

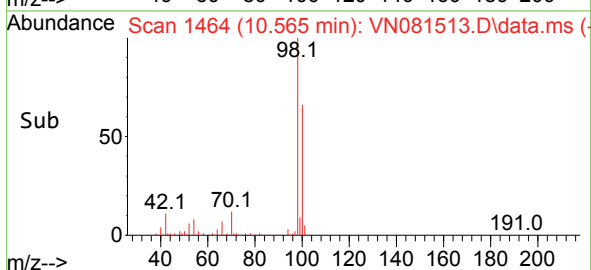
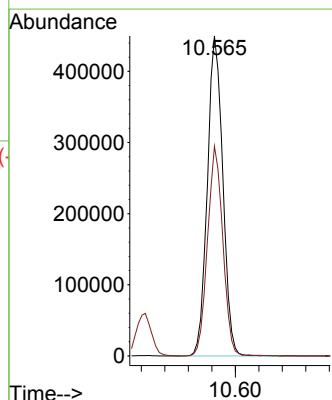
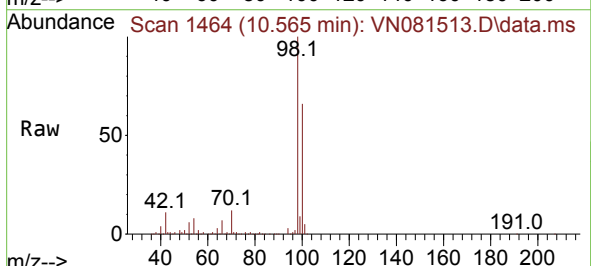
Acq: 21 Mar 2024 12:39

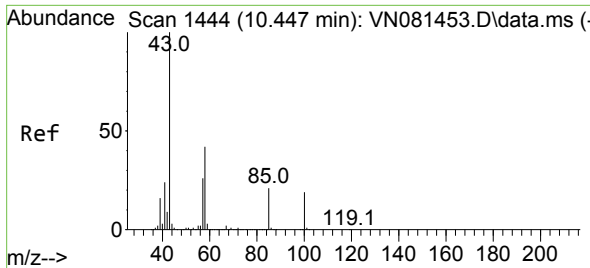
Tgt Ion: 98 Resp: 821438

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0

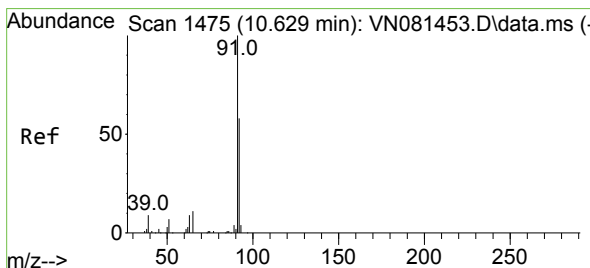
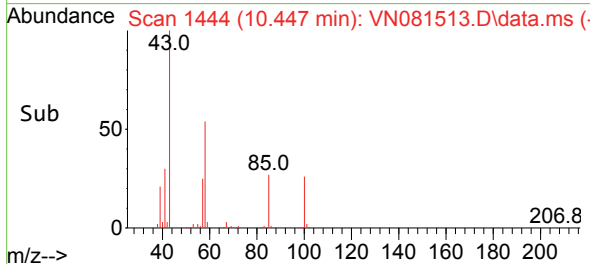
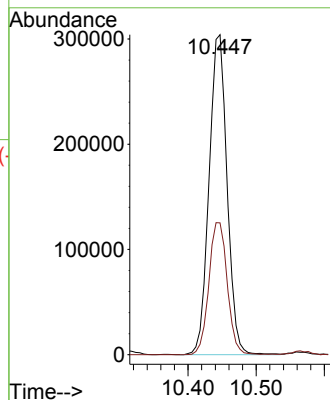
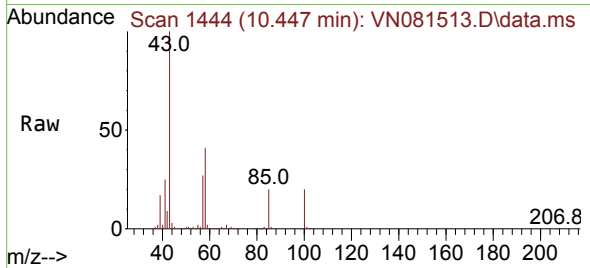




#51
4-Methyl-2-Pentanone
Concen: 85.411 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

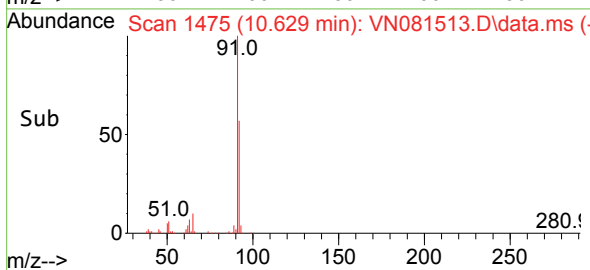
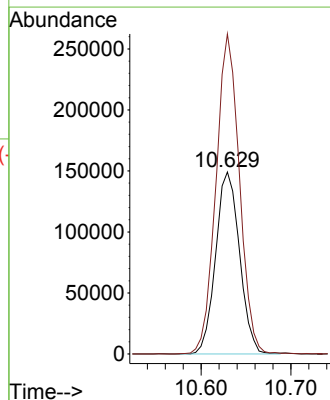
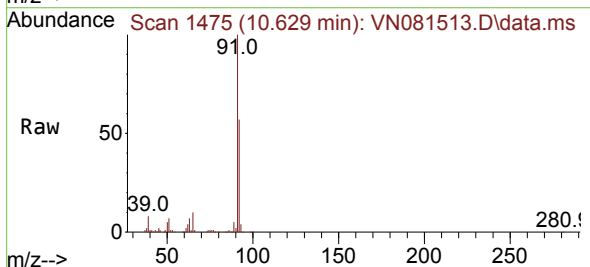
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

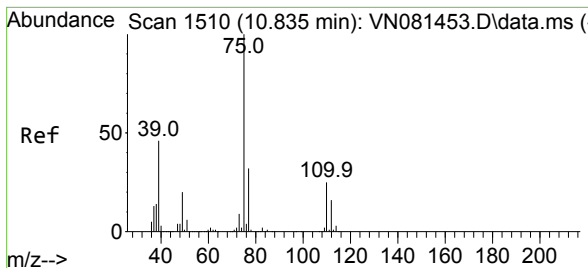
Tgt Ion: 43 Resp: 559334
Ion Ratio Lower Upper
43 100
58 42.2 29.4 44.0



#52
Toluene
Concen: 19.605 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 92 Resp: 275445
Ion Ratio Lower Upper
92 100
91 172.9 139.4 209.0

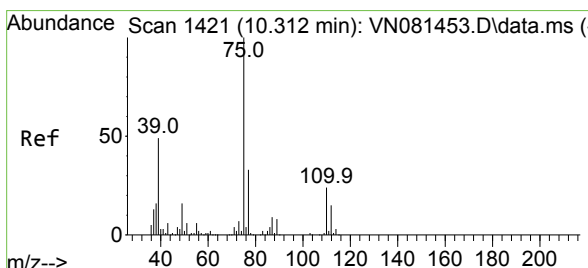
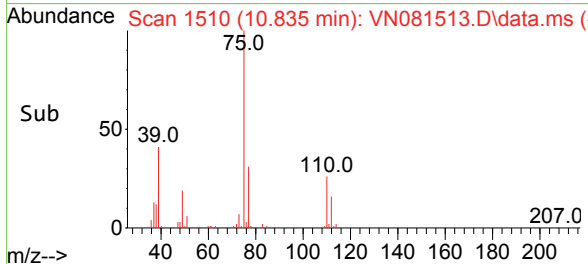
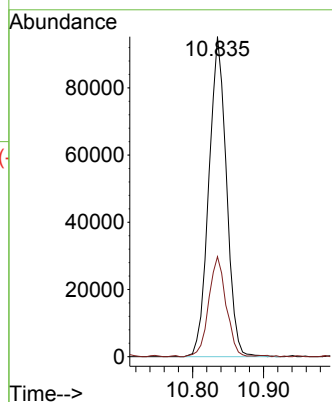
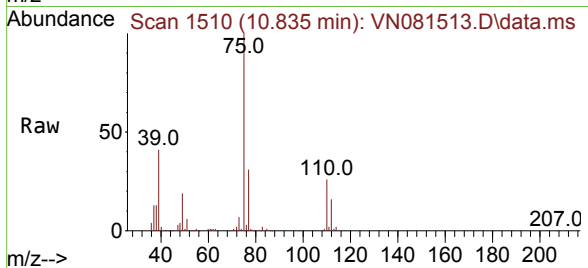




#53
 t-1,3-Dichloropropene
 Concen: 19.085 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081513.D
 Acq: 21 Mar 2024 12:39

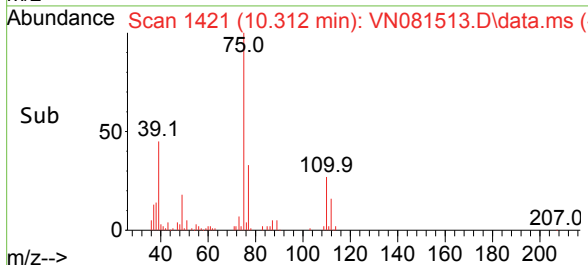
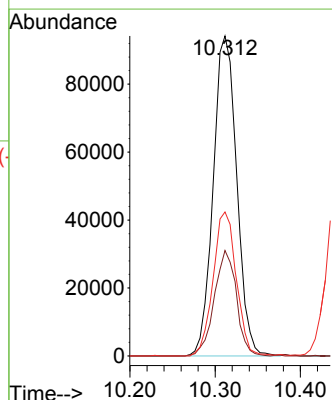
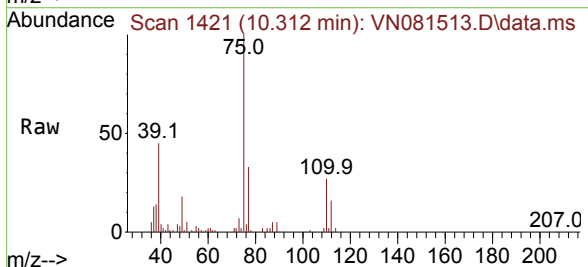
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

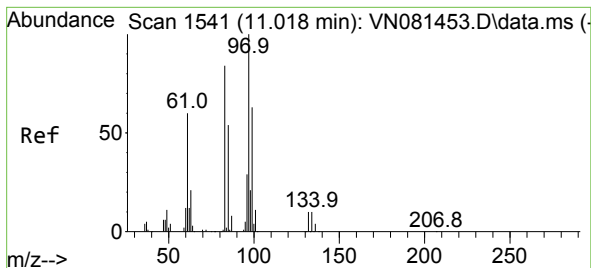
Tgt Ion: 75 Resp: 163928
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.627 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081513.D
 Acq: 21 Mar 2024 12:39

Tgt Ion: 75 Resp: 180747
 Ion Ratio Lower Upper
 75 100
 77 33.0 23.3 34.9
 39 45.0 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 19.403 ug/l

RT: 11.017 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

Tgt Ion: 97 Resp: 109712

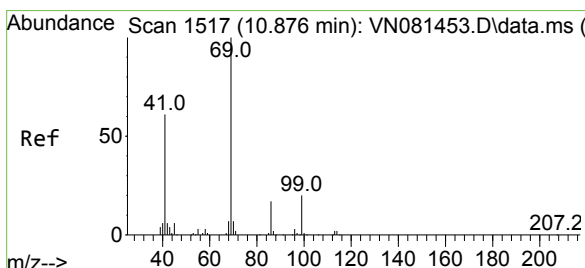
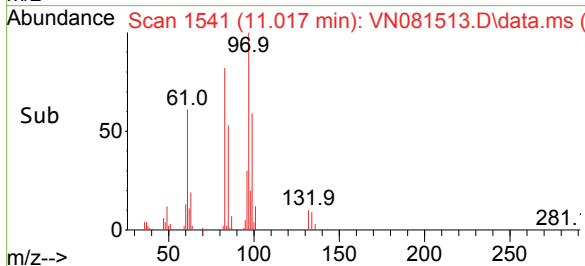
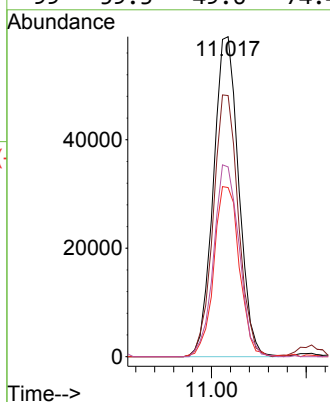
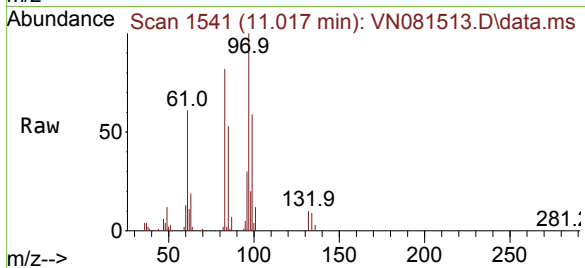
Ion Ratio Lower Upper

97 100

83 81.6 72.9 109.3

85 52.9 50.2 75.2

99 59.3 49.6 74.4



#56

Ethyl methacrylate

Concen: 18.979 ug/l

RT: 10.870 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

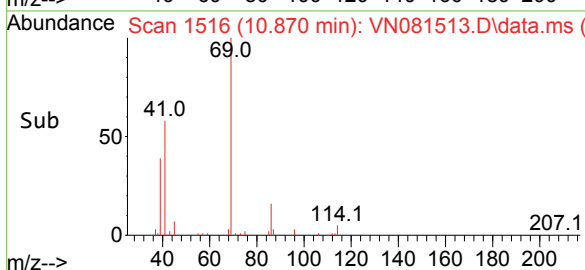
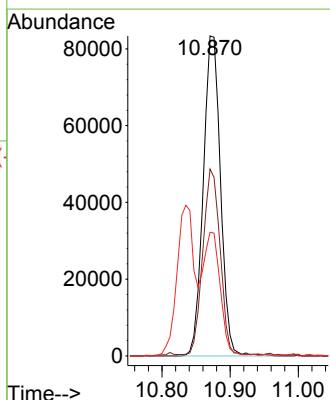
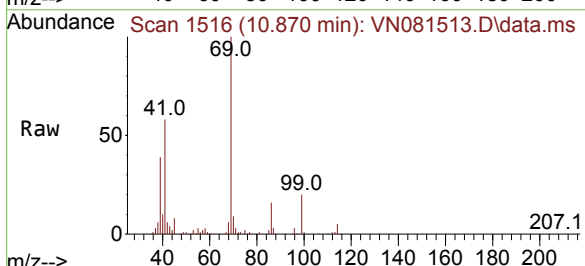
Tgt Ion: 69 Resp: 146839

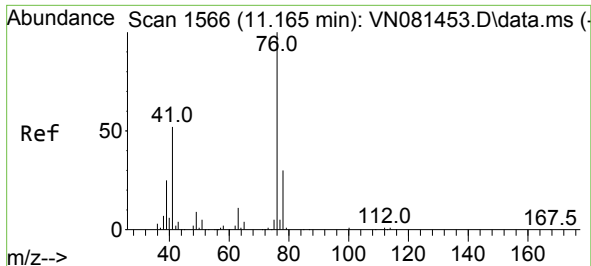
Ion Ratio Lower Upper

69 100

41 57.4 61.0 91.6#

39 37.5 31.8 47.6





#57

1,3-Dichloropropane

Concen: 19.631 ug/l

RT: 11.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

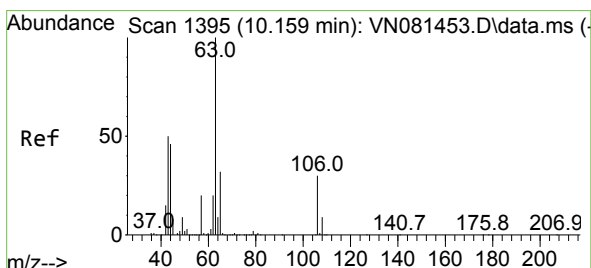
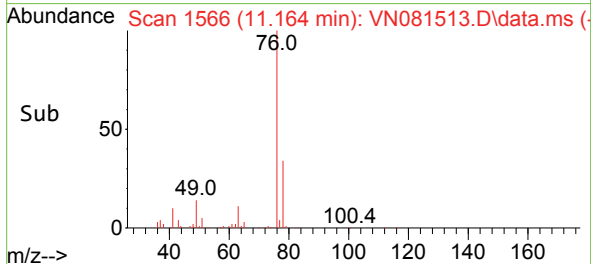
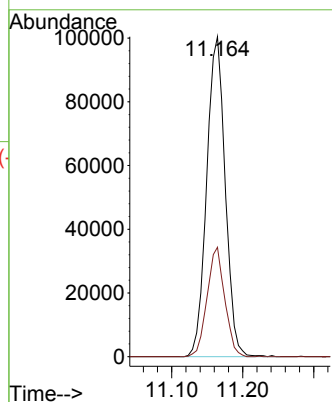
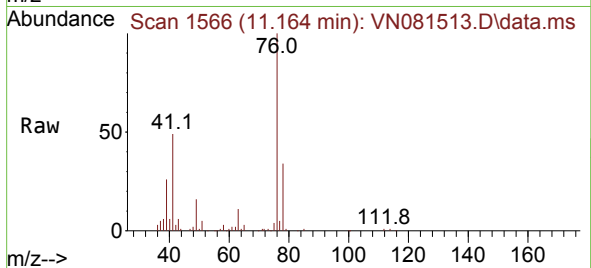
VN0321WBSD01

Tgt Ion: 76 Resp: 181968

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 106.102 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081513.D

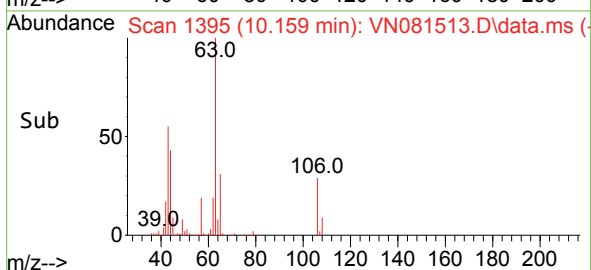
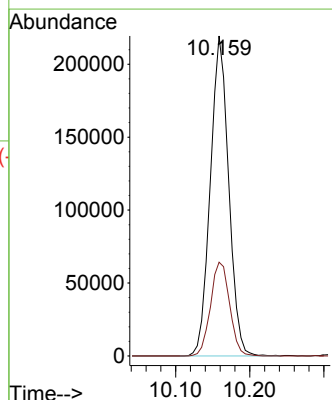
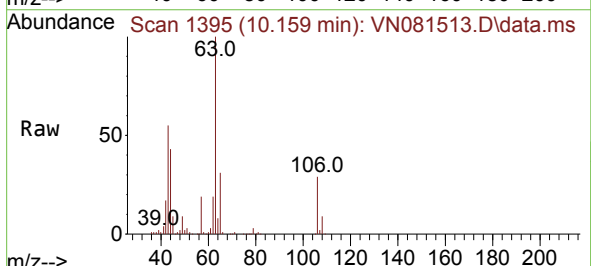
Acq: 21 Mar 2024 12:39

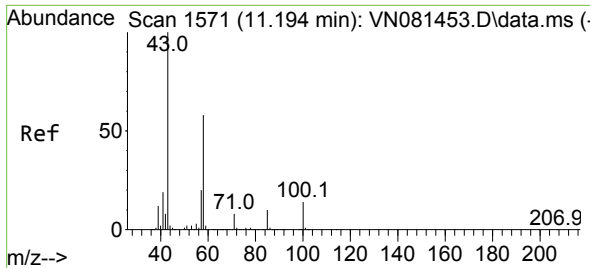
Tgt Ion: 63 Resp: 377494

Ion Ratio Lower Upper

63 100

106 30.4 18.6 28.0#

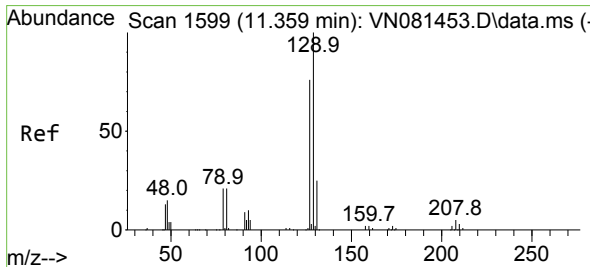
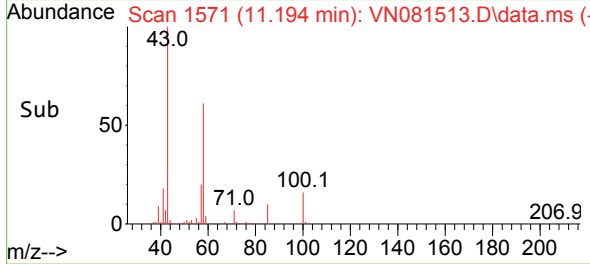
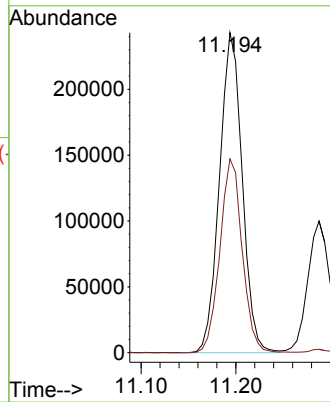
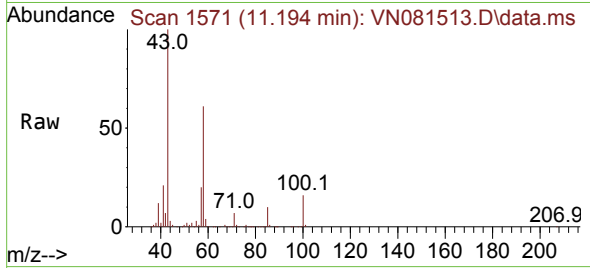




#59
2-Hexanone
Concen: 83.737 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

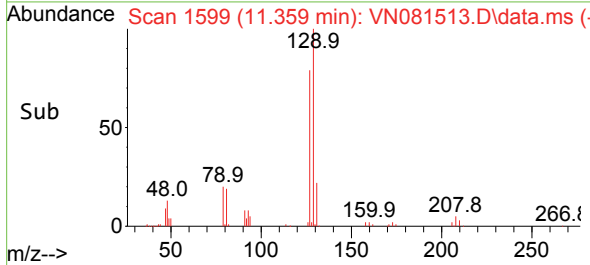
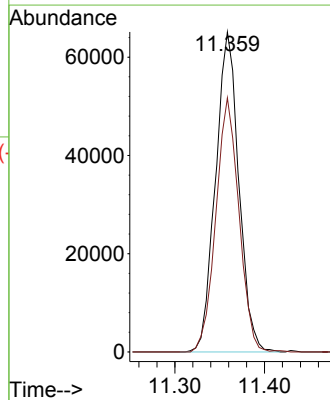
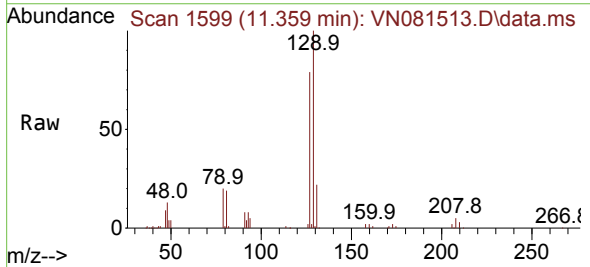
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

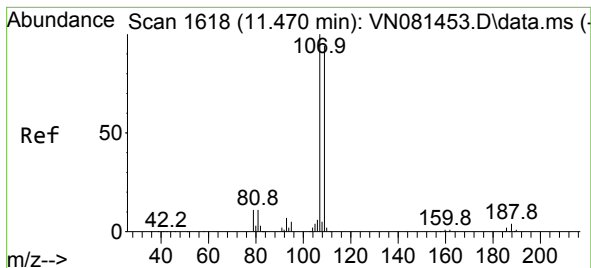
Tgt Ion: 43 Resp: 405432
Ion Ratio Lower Upper
43 100
58 59.4 25.9 77.8



#60
Dibromochloromethane
Concen: 18.879 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 129 Resp: 117399
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.2

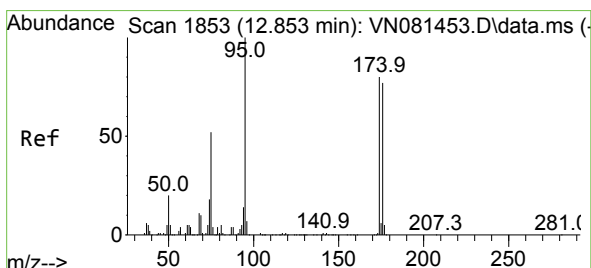
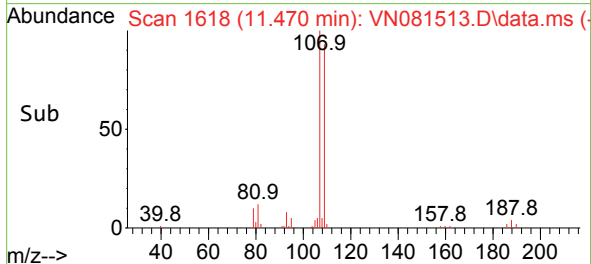
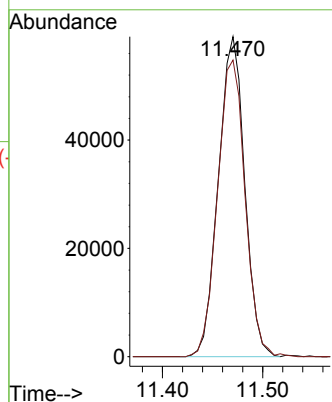
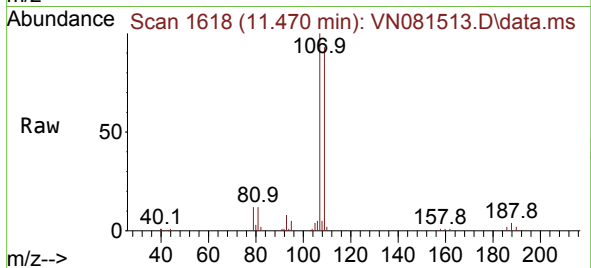




#61
1,2-Dibromoethane
Concen: 18.707 ug/l
RT: 11.470 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

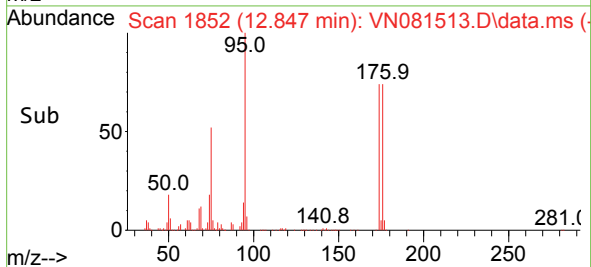
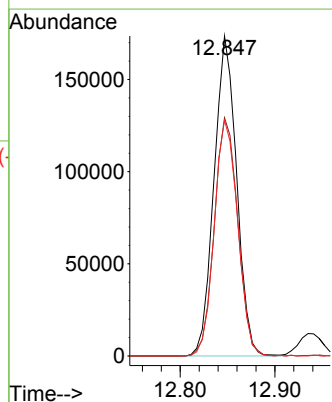
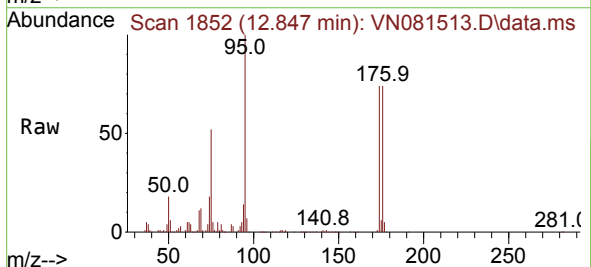
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

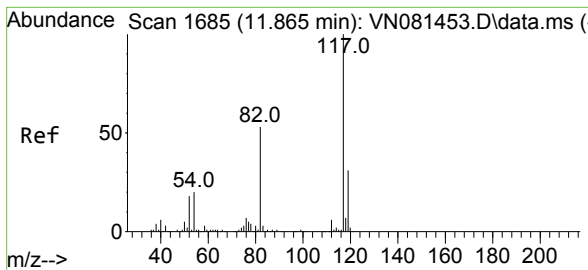
Tgt Ion:107 Resp: 107837
Ion Ratio Lower Upper
107 100
109 96.9 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 50.305 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 95 Resp: 287885
Ion Ratio Lower Upper
95 100
174 77.3 0.0 120.4
176 76.1 0.0 121.0

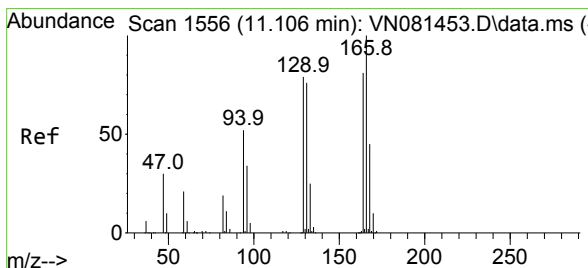
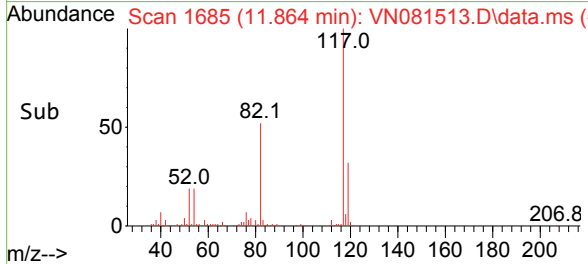
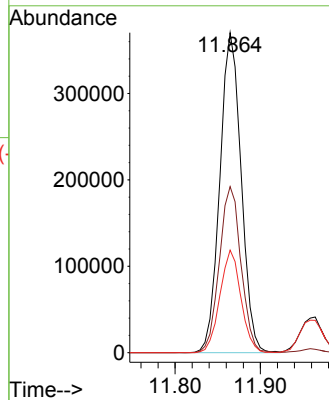
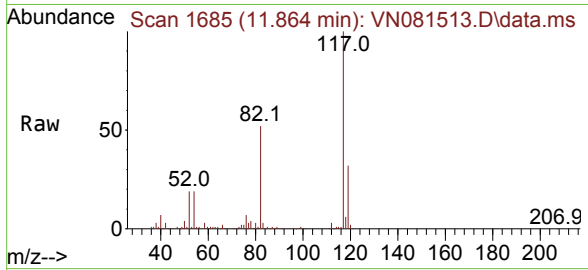




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

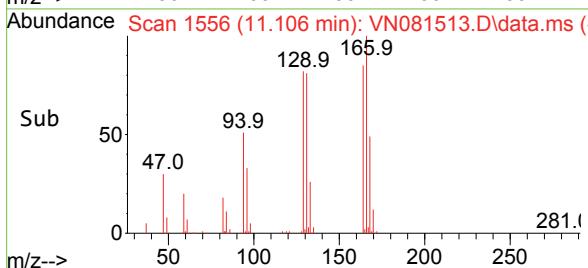
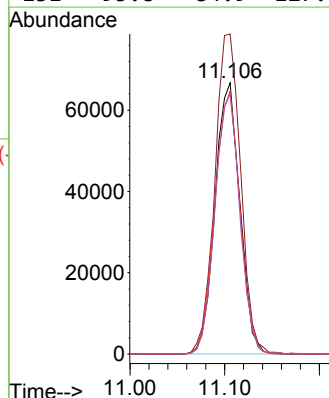
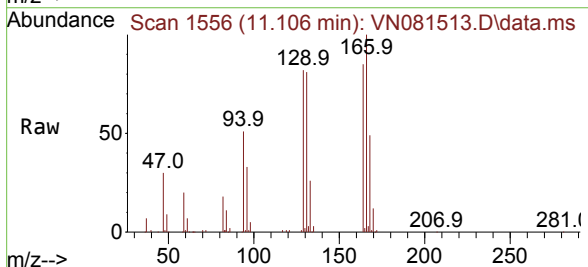
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

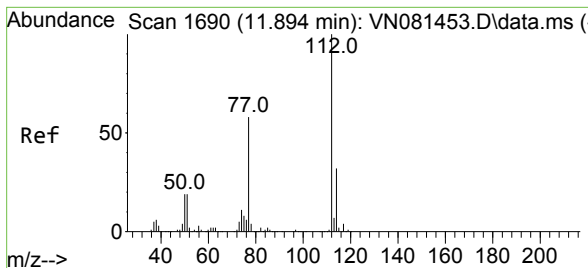
Tgt Ion:117 Resp: 643294
Ion Ratio Lower Upper
117 100
82 51.9 52.7 79.1#
119 32.1 25.3 37.9



#64
Tetrachloroethene
Concen: 19.734 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion:164 Resp: 121344
Ion Ratio Lower Upper
164 100
166 118.1 105.8 158.6
129 96.9 89.6 134.4
131 95.8 84.9 127.3





#65

Chlorobenzene

Concen: 19.129 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

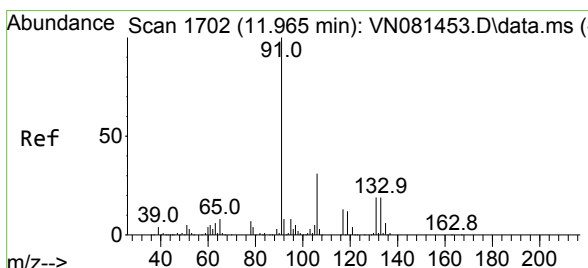
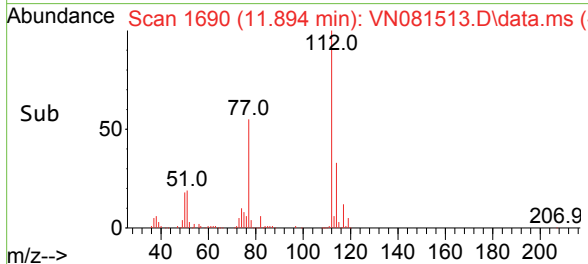
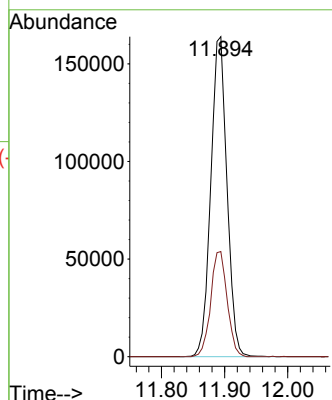
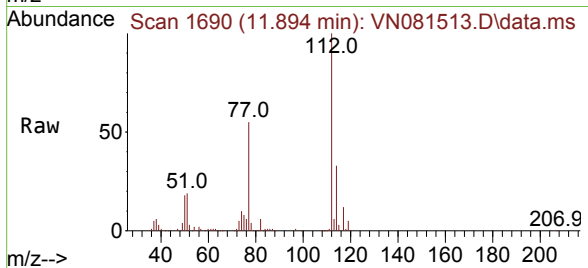
VN0321WBSD01

Tgt Ion:112 Resp: 290903

Ion Ratio Lower Upper

112 100

114 32.8 23.7 35.5



#66

1,1,1,2-Tetrachloroethane

Concen: 19.629 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

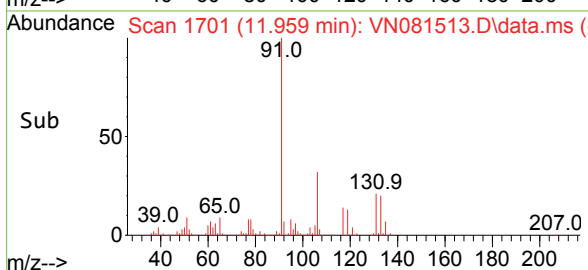
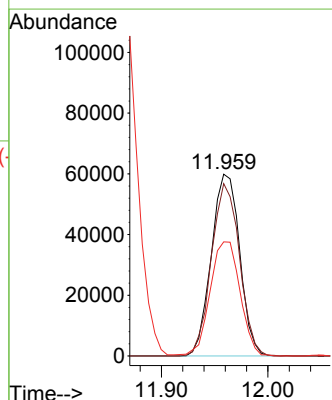
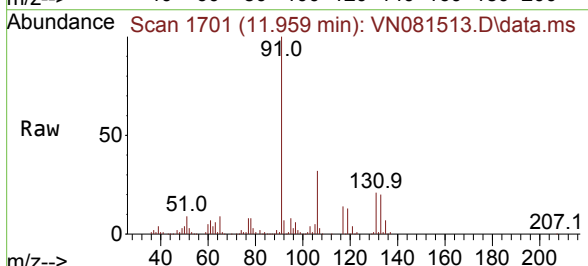
Tgt Ion:131 Resp: 110633

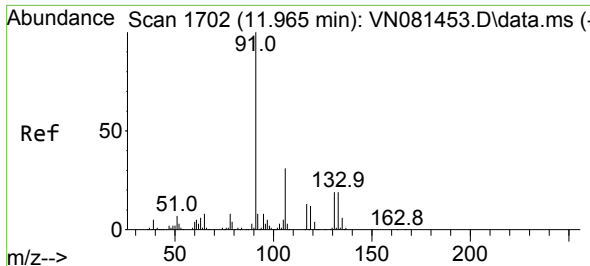
Ion Ratio Lower Upper

131 100

133 94.2 46.8 140.3

119 66.4 34.6 103.9

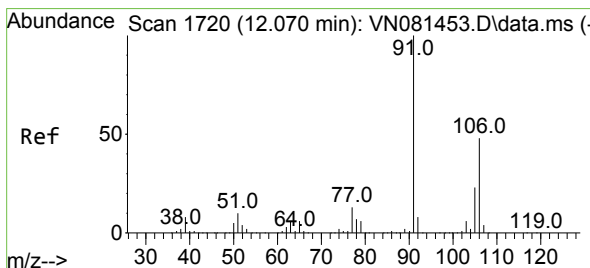
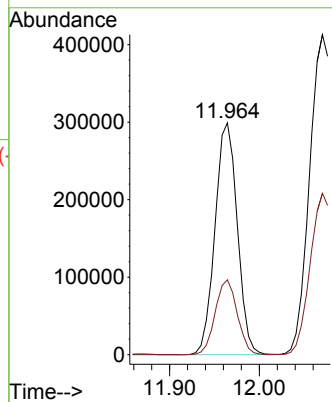
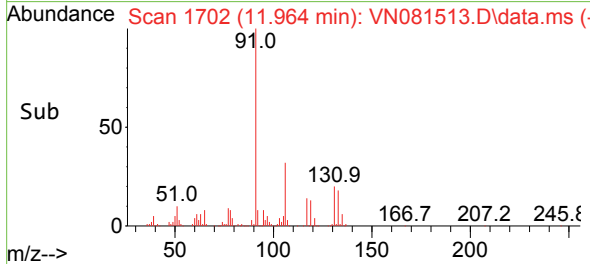
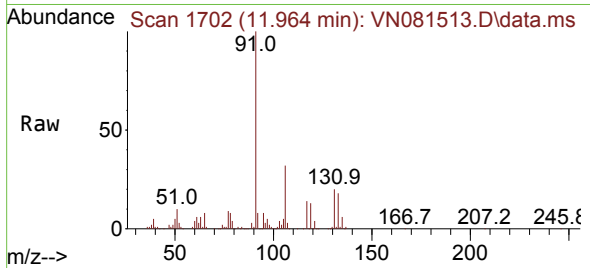




#67
Ethyl Benzene
Concen: 19.500 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

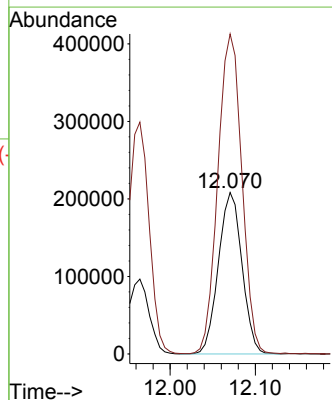
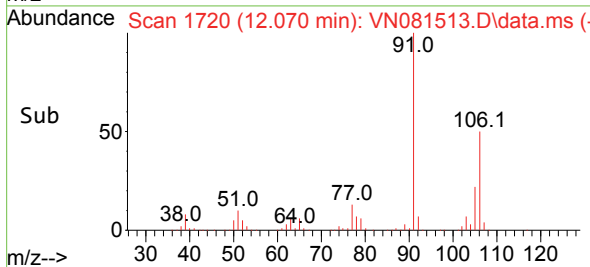
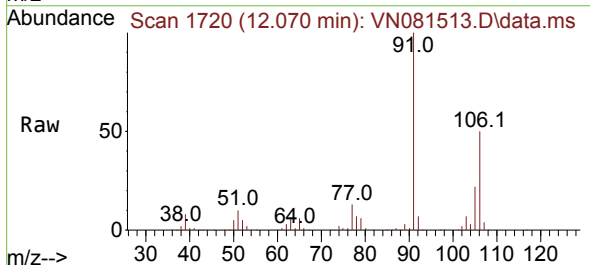
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

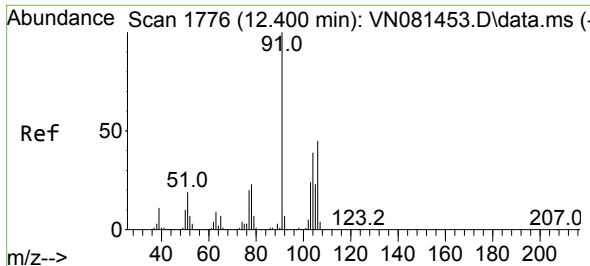
Tgt Ion: 91 Resp: 515119
Ion Ratio Lower Upper
91 100
106 32.3 23.8 35.6



#68
m/p-Xylenes
Concen: 40.430 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion:106 Resp: 400382
Ion Ratio Lower Upper
106 100
91 201.6 169.0 253.6

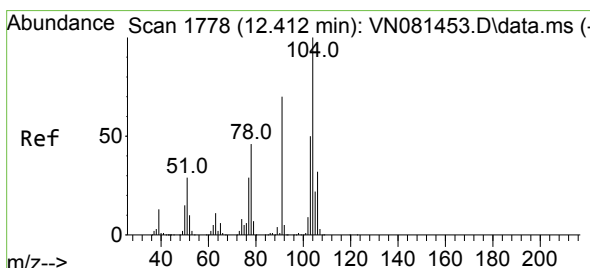
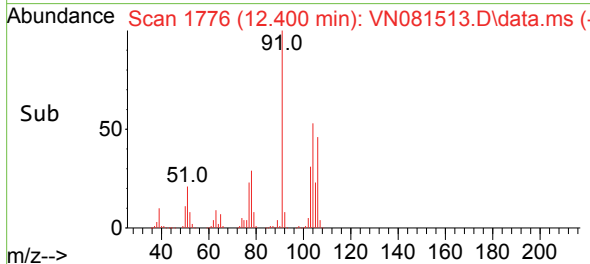
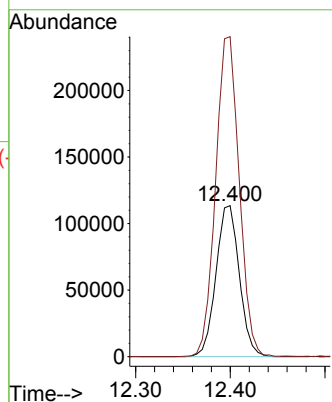
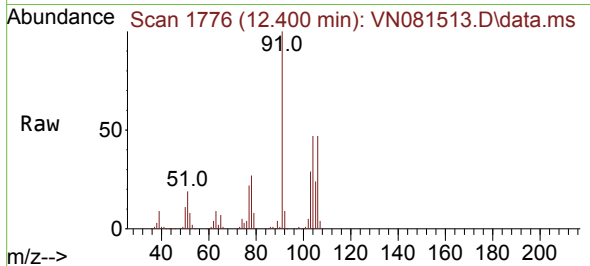




#69
o-Xylene
Concen: 19.991 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

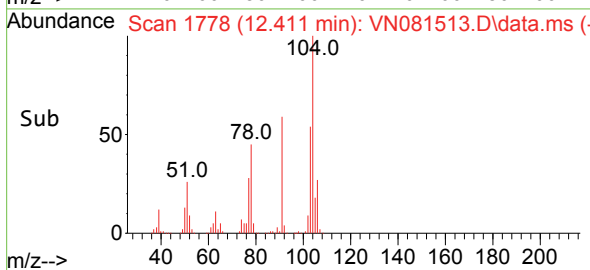
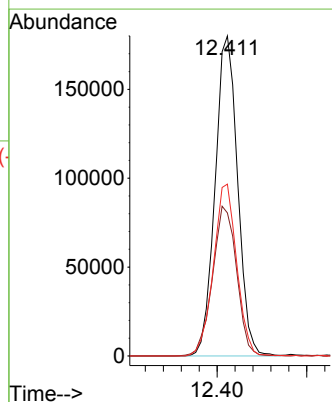
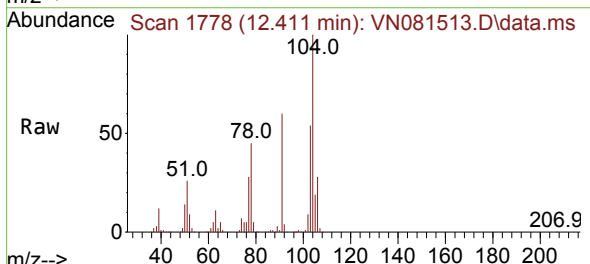
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

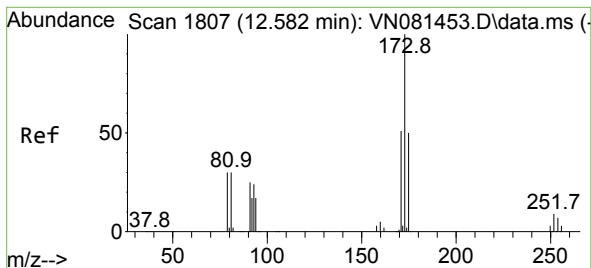
Tgt Ion:106 Resp: 194355
Ion Ratio Lower Upper
106 100
91 214.7 112.1 336.3



#70
Styrene
Concen: 19.994 ug/l
RT: 12.411 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion:104 Resp: 313507
Ion Ratio Lower Upper
104 100
78 50.0 43.8 65.8
103 55.6 44.2 66.2





#71

Bromoform

Concen: 18.208 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

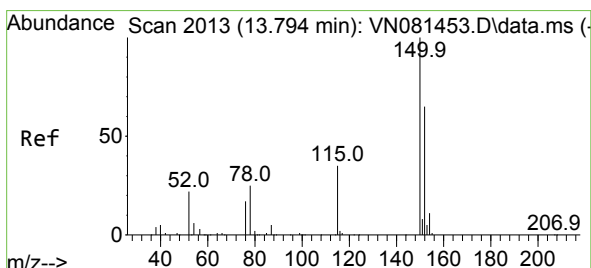
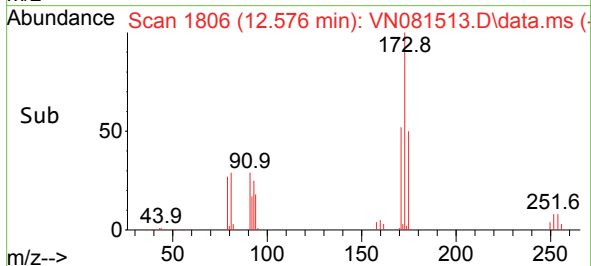
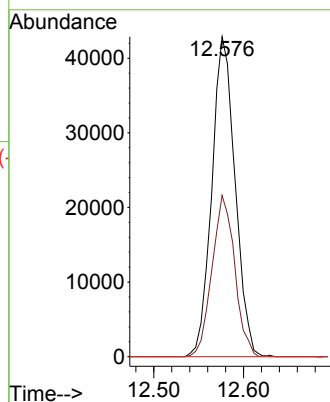
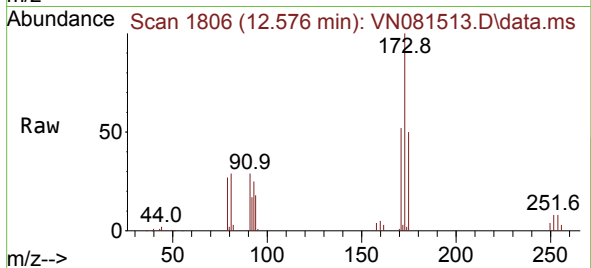
Tgt Ion:173 Resp: 77118

Ion Ratio Lower Upper

173 100

175 49.3 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: VN081513.D

Acq: 21 Mar 2024 12:39

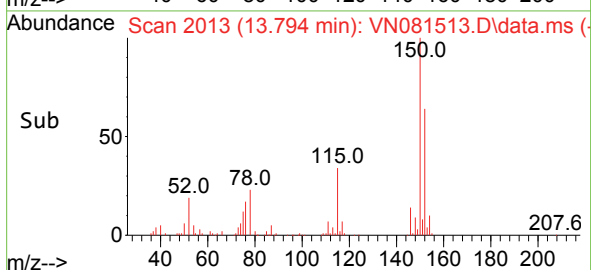
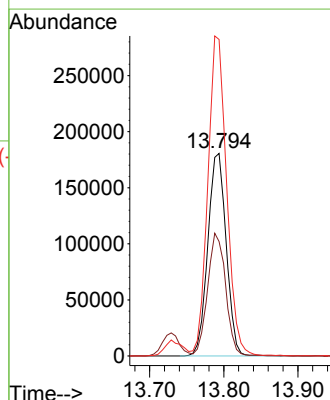
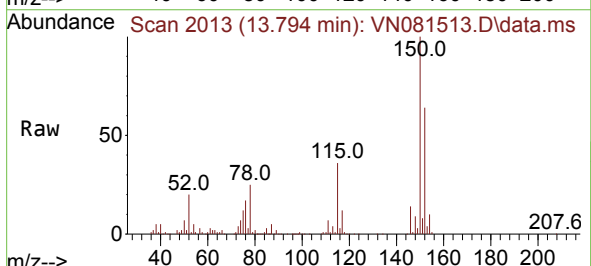
Tgt Ion:152 Resp: 311395

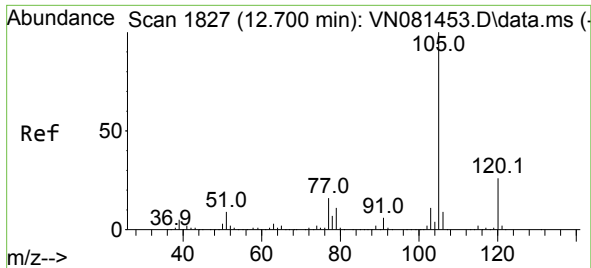
Ion Ratio Lower Upper

152 100

115 59.3 32.3 96.8

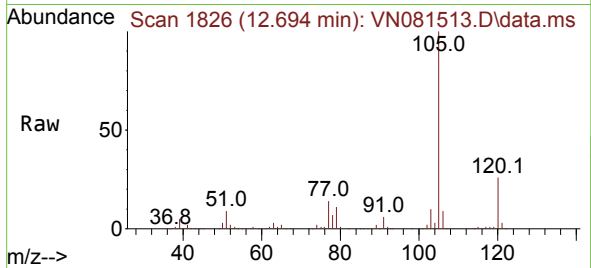
150 160.5 0.0 339.8



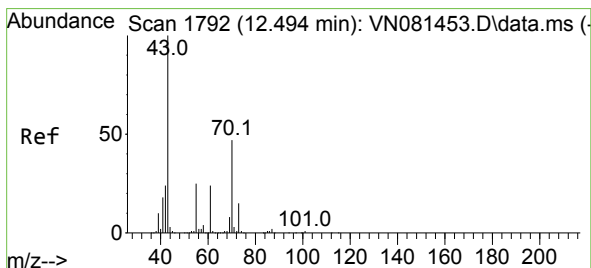
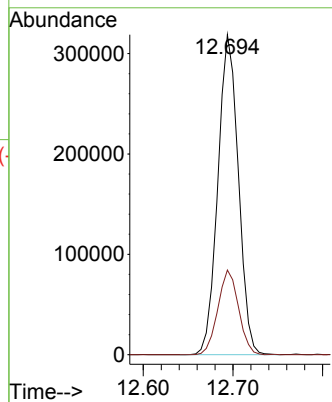
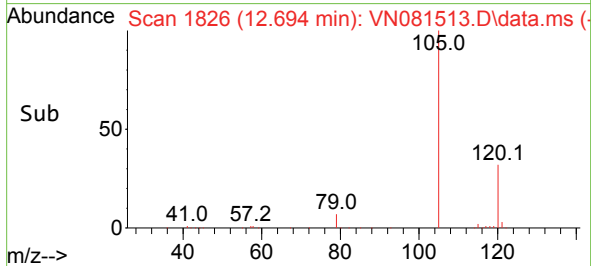


#73
Isopropylbenzene
Concen: 19.034 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

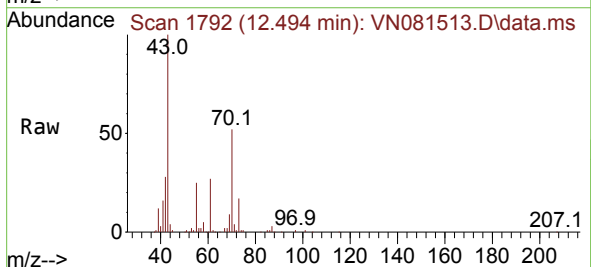
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



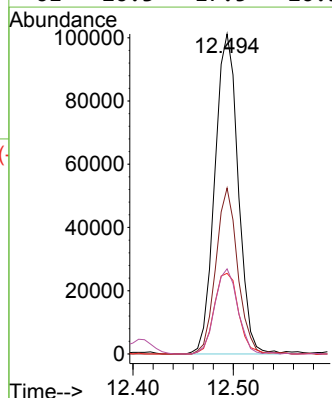
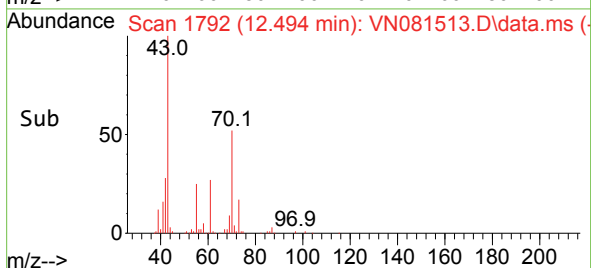
Tgt Ion:105 Resp: 505224
Ion Ratio Lower Upper
105 100
120 26.7 12.6 37.6

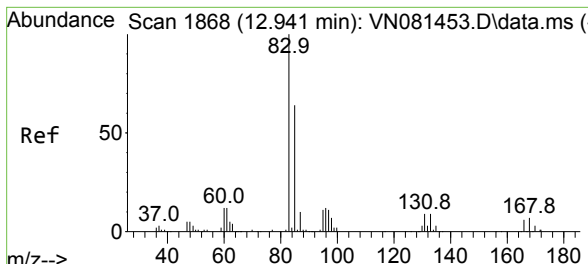


#74
N-ethyl acetate
Concen: 17.010 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39



Tgt Ion: 43 Resp: 163397
Ion Ratio Lower Upper
43 100
70 48.7 30.1 45.1#
55 26.5 17.0 25.4#
61 26.3 17.5 26.3#

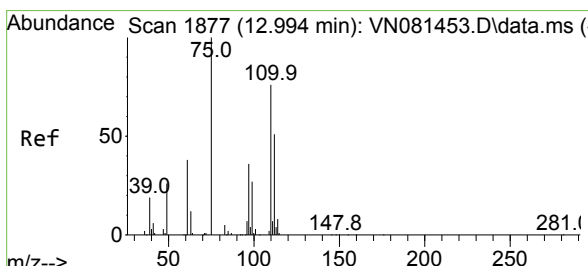
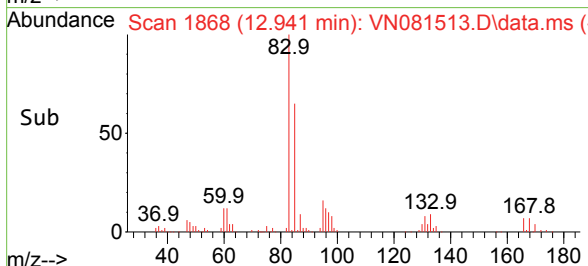
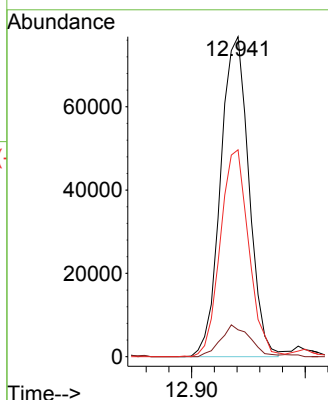
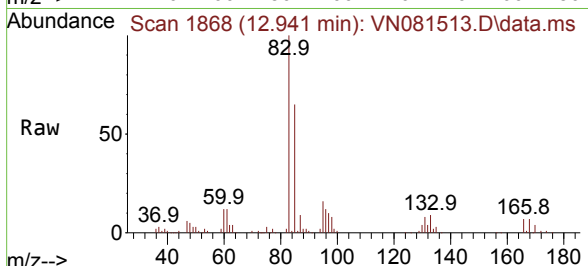




#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.063 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN081513.D
 Acq: 21 Mar 2024 12:39

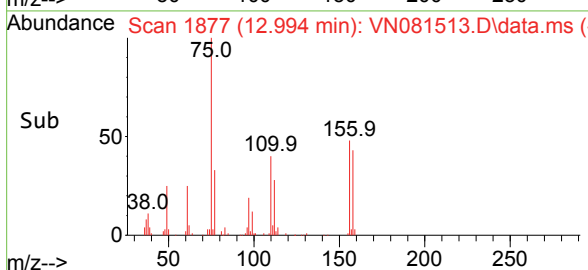
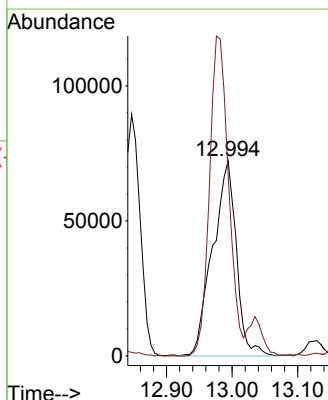
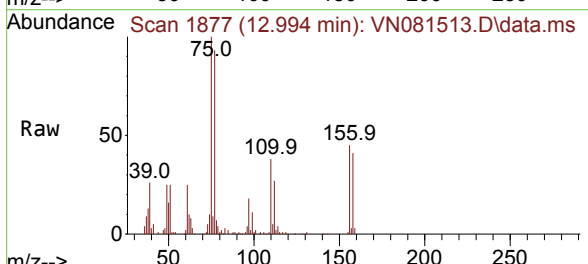
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

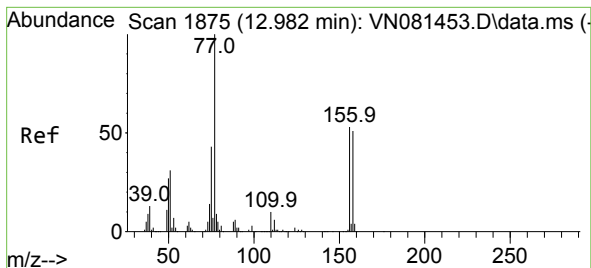
Tgt Ion:	83	Resp:	133161
Ion Ratio	Lower	Upper	
83	100		
131	10.7	4.1	12.3
85	65.0	32.1	96.3



#76
 1,2,3-Trichloropropane
 Concen: 24.354 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN081513.D
 Acq: 21 Mar 2024 12:39

Tgt Ion:	75	Resp:	181408
Ion Ratio	Lower	Upper	
75	100		
77	132.1	91.0	272.8





#77

Bromobenzene

Concen: 18.541 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

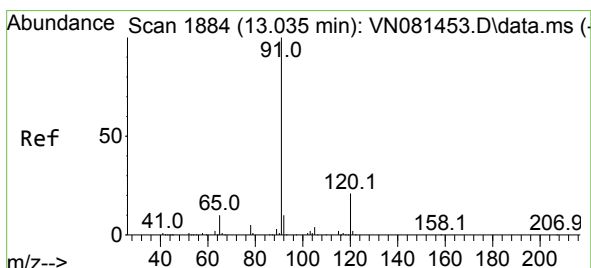
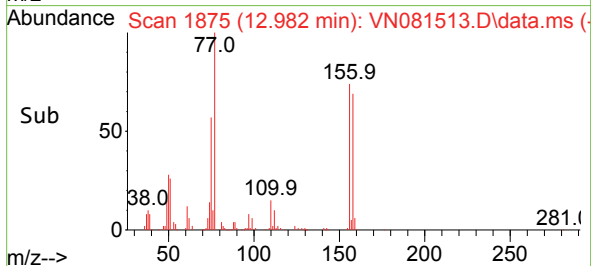
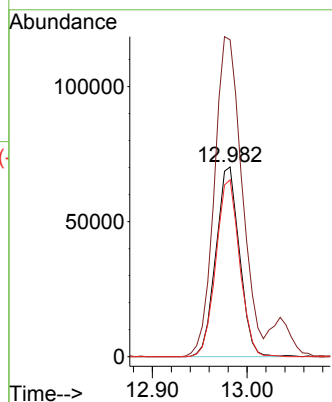
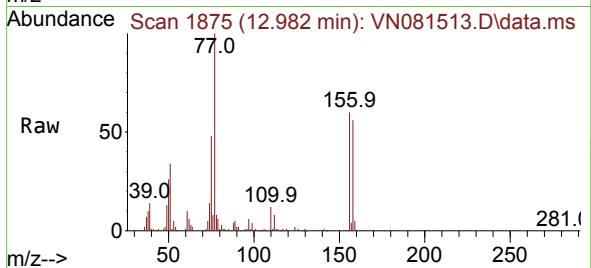
Tgt Ion:156 Resp: 121575

Ion Ratio Lower Upper

156 100

77 197.1 138.1 414.3

158 93.8 46.5 139.5



#78

n-propylbenzene

Concen: 18.828 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081513.D

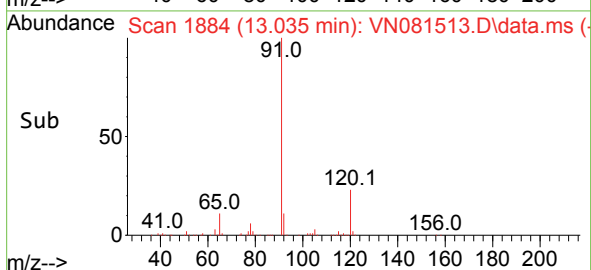
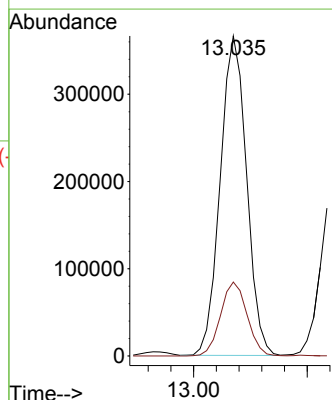
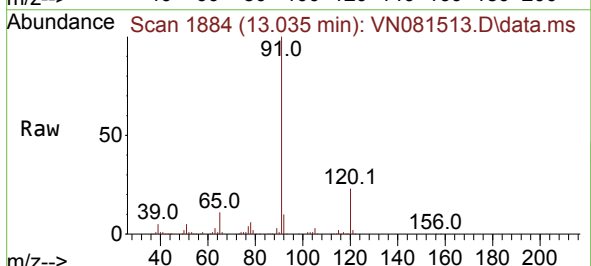
Acq: 21 Mar 2024 12:39

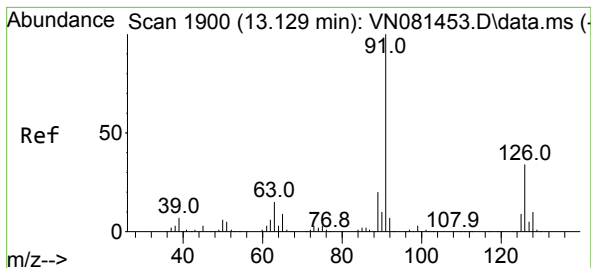
Tgt Ion: 91 Resp: 590202

Ion Ratio Lower Upper

91 100

120 23.3 10.3 30.9





#79

2-Chlorotoluene

Concen: 18.886 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

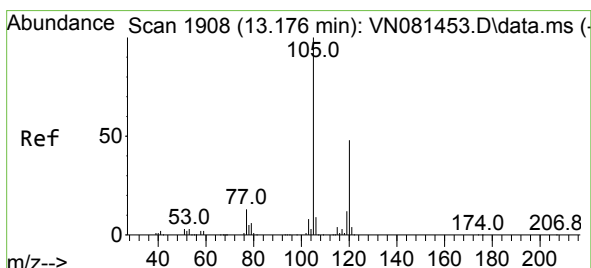
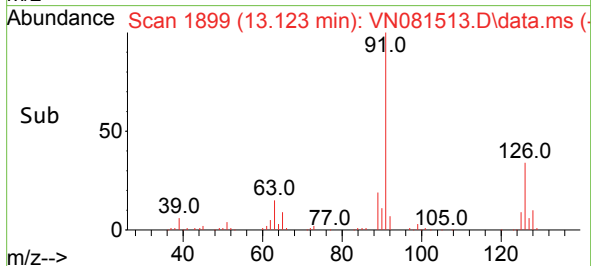
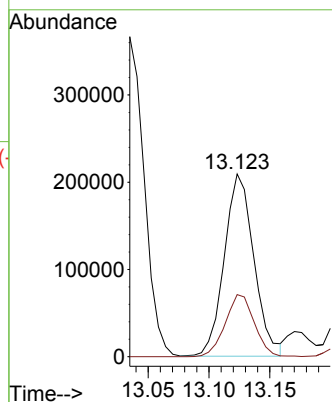
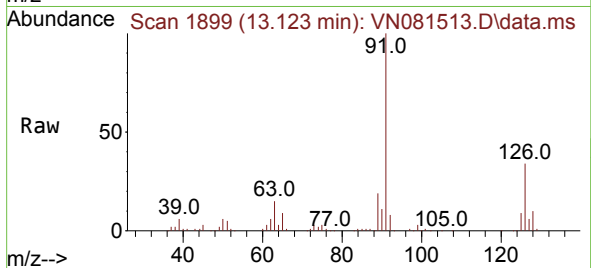
VN0321WBSD01

Tgt Ion: 91 Resp: 354325

Ion Ratio Lower Upper

91 100

126 33.5 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 19.411 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN081513.D

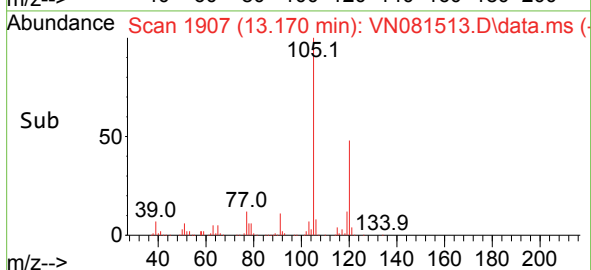
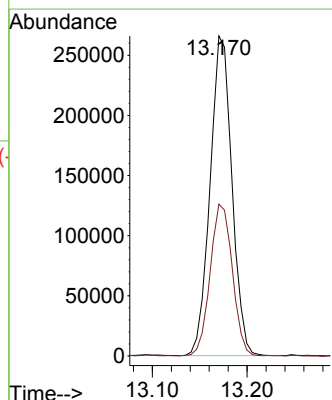
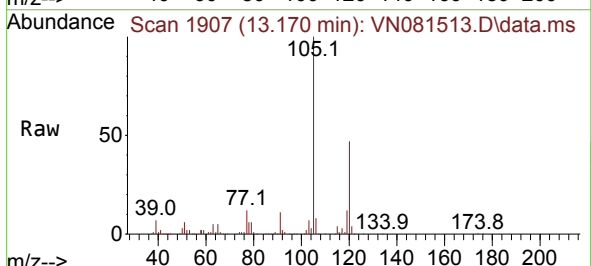
Acq: 21 Mar 2024 12:39

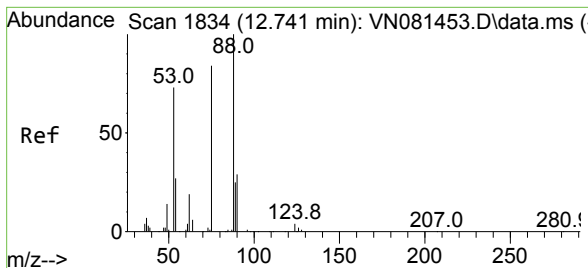
Tgt Ion: 105 Resp: 425568

Ion Ratio Lower Upper

105 100

120 48.4 23.0 69.0

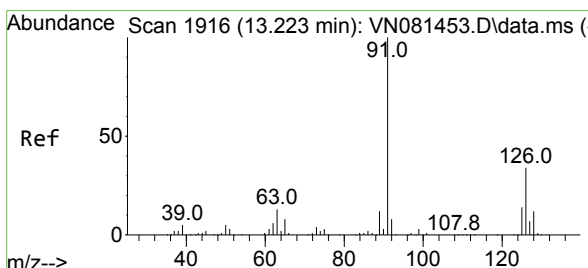
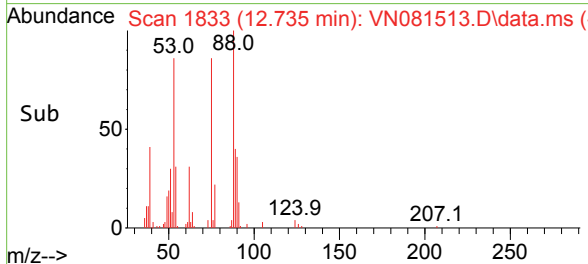
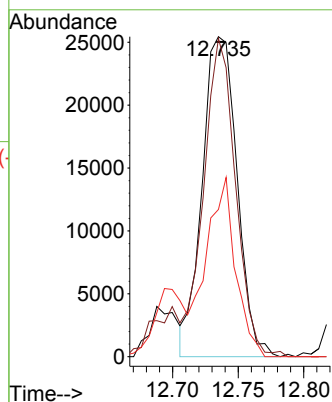
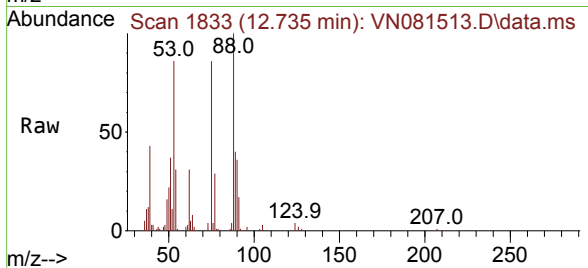




#81
trans-1,4-Dichloro-2-butene
Concen: 17.073 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

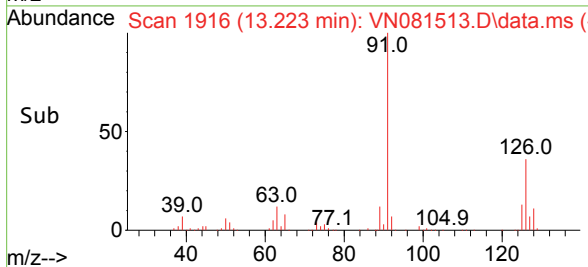
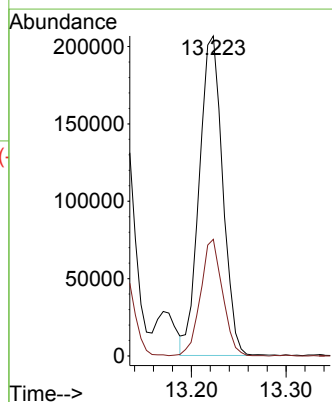
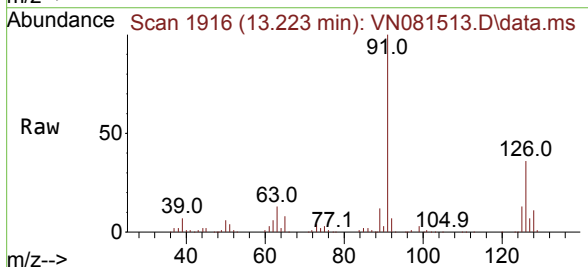
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

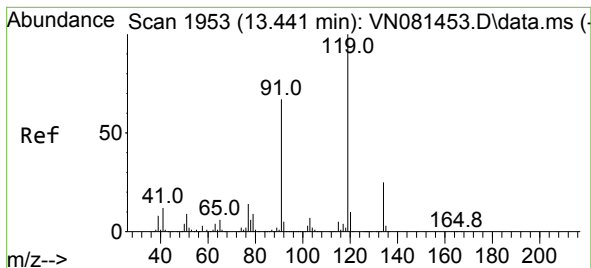
Tgt Ion: 75 Resp: 47059
Ion Ratio Lower Upper
75 100
53 103.7 71.4 107.2
89 46.9 33.4 50.0



#82
4-Chlorotoluene
Concen: 19.114 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 91 Resp: 353557
Ion Ratio Lower Upper
91 100
126 34.6 15.3 45.9

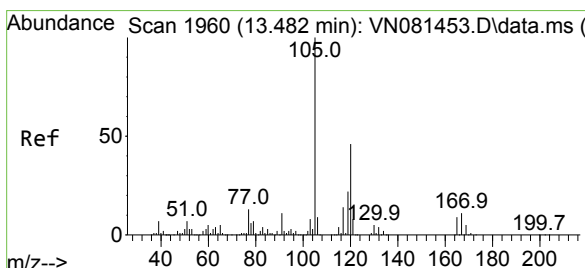
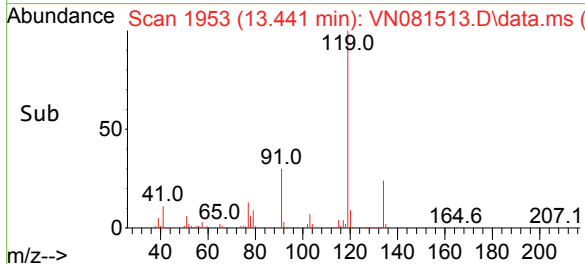
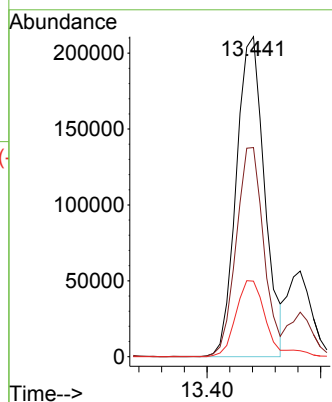
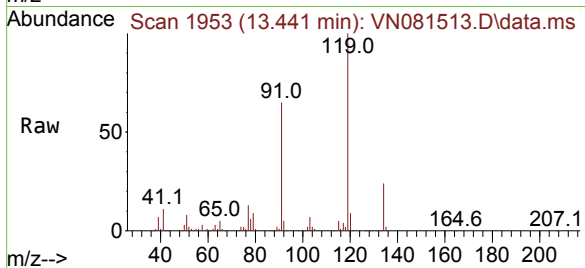




#83
tert-Butylbenzene
Concen: 19.299 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

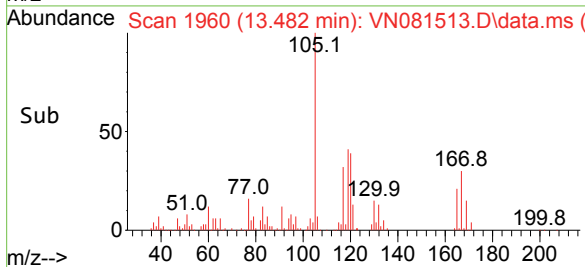
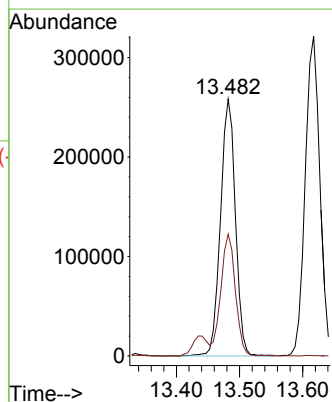
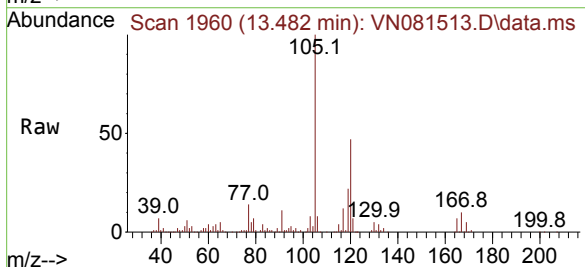
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

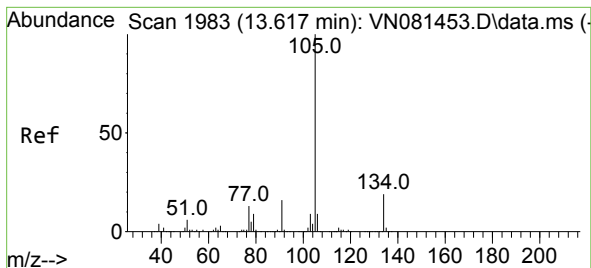
Tgt Ion:119 Resp: 364854
Ion Ratio Lower Upper
119 100
91 63.6 36.8 110.4
134 25.5 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 19.266 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion:105 Resp: 424513
Ion Ratio Lower Upper
105 100
120 46.5 20.9 62.7





#85

sec-Butylbenzene

Concen: 19.053 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

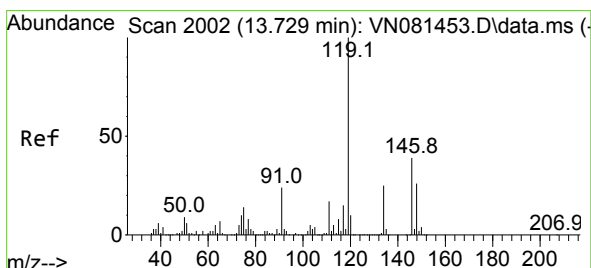
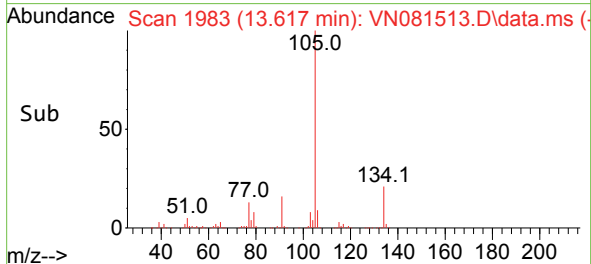
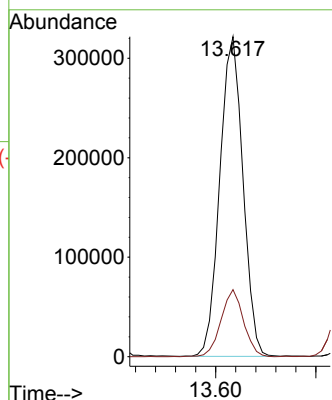
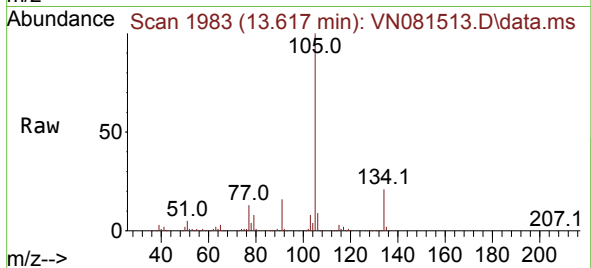
VN0321WBSD01

Tgt Ion:105 Resp: 514942

Ion Ratio Lower Upper

105 100

134 20.4 8.6 25.8



#86

p-Isopropyltoluene

Concen: 19.551 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

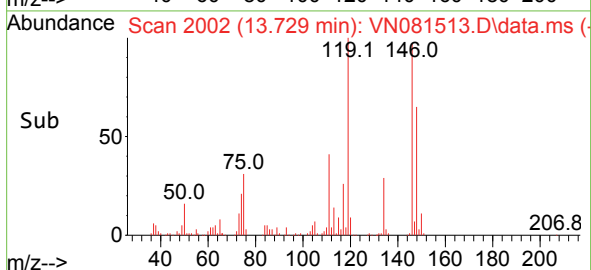
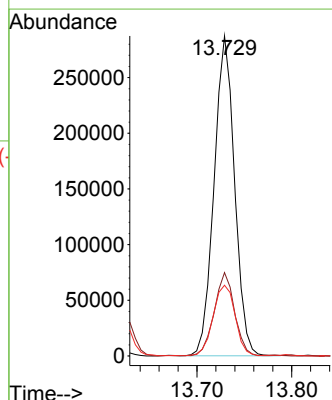
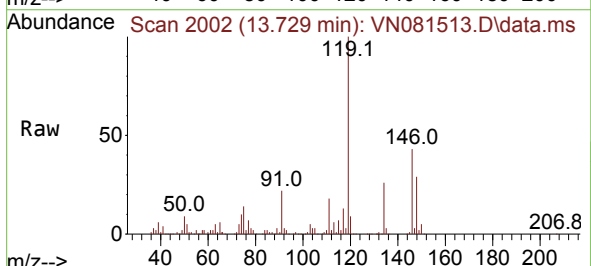
Tgt Ion:119 Resp: 431922

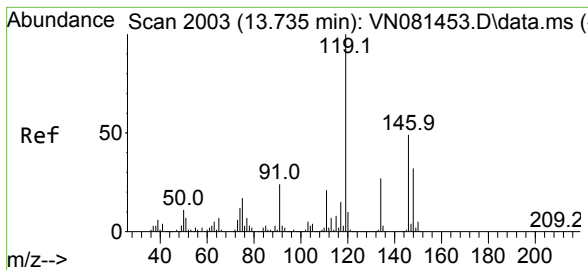
Ion Ratio Lower Upper

119 100

134 25.8 12.4 37.2

91 23.7 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 18.739 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

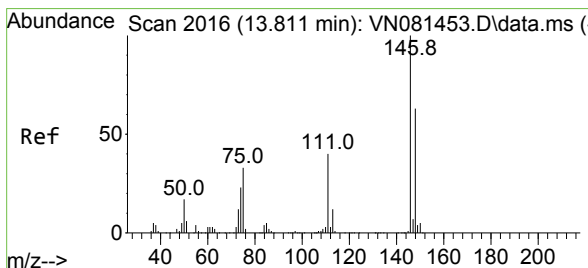
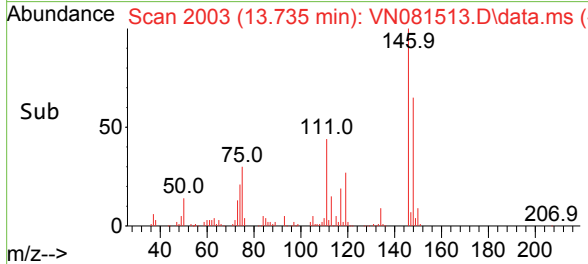
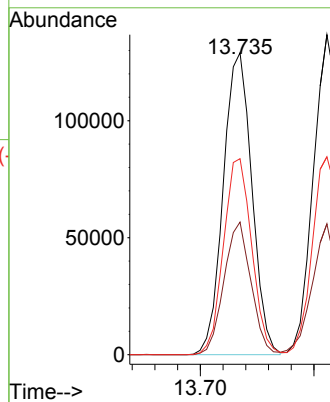
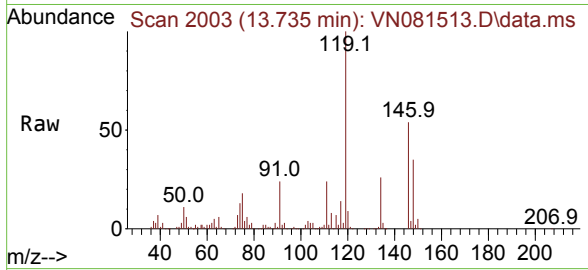
Tgt Ion:146 Resp: 225750

Ion Ratio Lower Upper

146 100

111 41.6 23.9 71.7

148 64.3 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 18.377 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

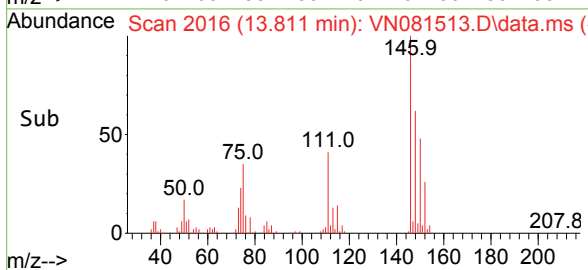
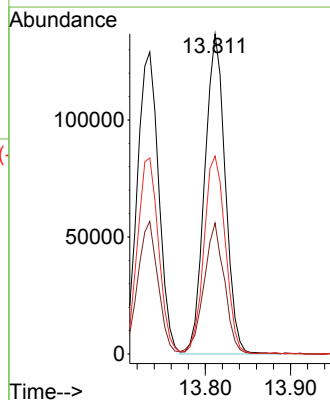
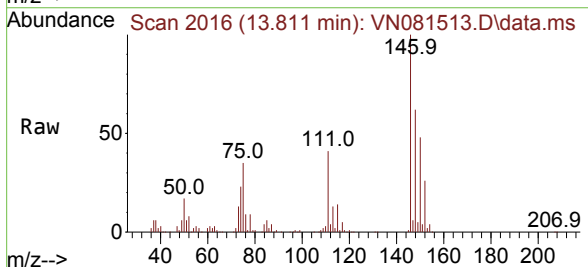
Tgt Ion:146 Resp: 229243

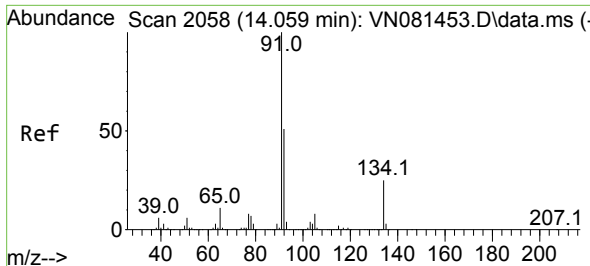
Ion Ratio Lower Upper

146 100

111 40.5 22.6 67.7

148 63.8 31.9 95.5

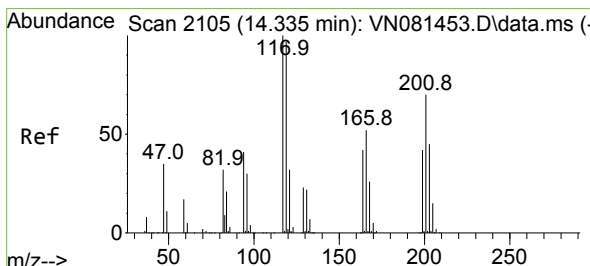
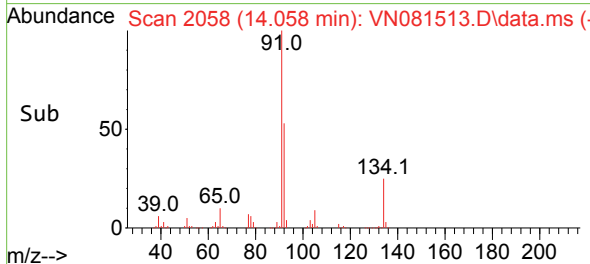
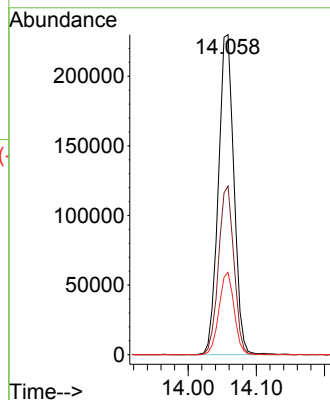
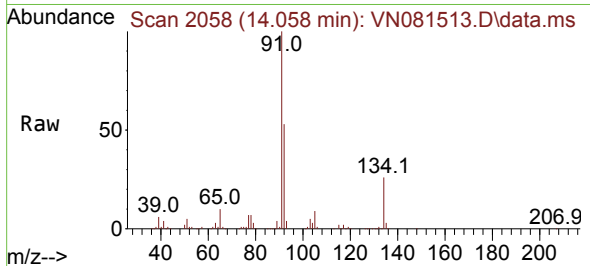




#89
n-Butylbenzene
Concen: 18.672 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

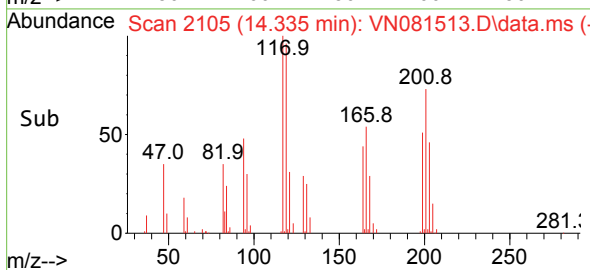
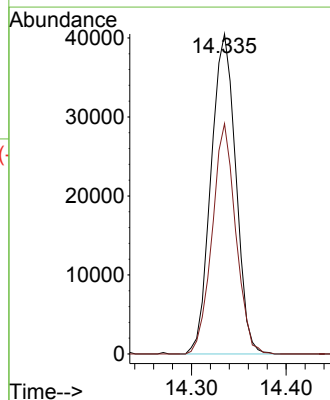
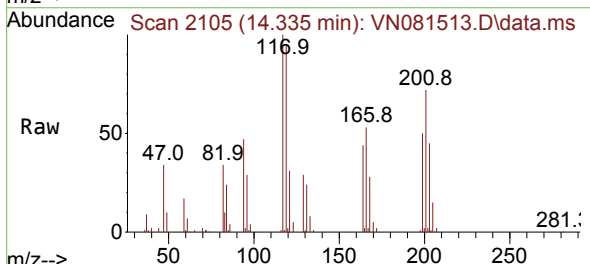
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

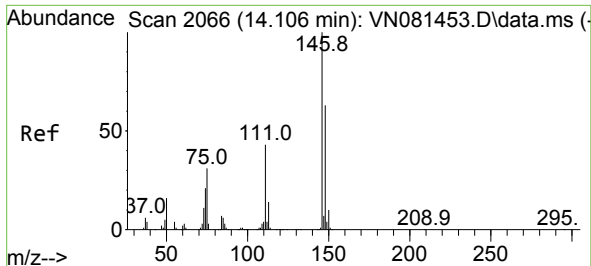
Tgt Ion: 91 Resp: 365776
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.1
134 25.0 10.8 32.4



#90
Hexachloroethane
Concen: 17.563 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081513.D
Acq: 21 Mar 2024 12:39

Tgt Ion: 117 Resp: 73484
Ion Ratio Lower Upper
117 100
201 68.7 30.0 90.0

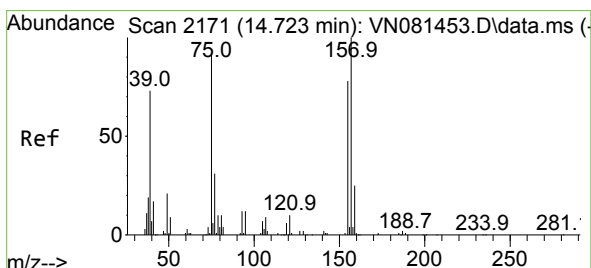
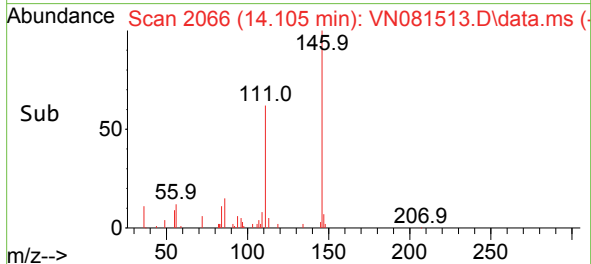
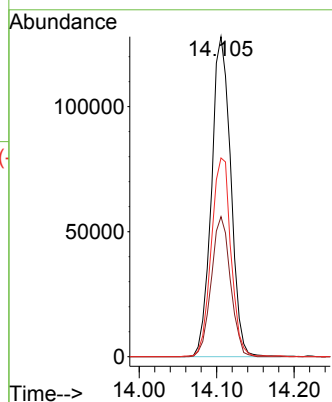
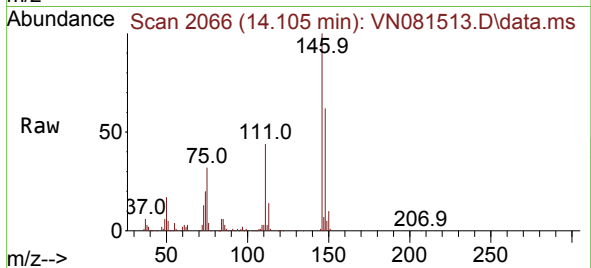




#91
 1,2-Dichlorobenzene
 Concen: 19.048 ug/l
 RT: 14.105 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN081513.D
 Acq: 21 Mar 2024 12:39

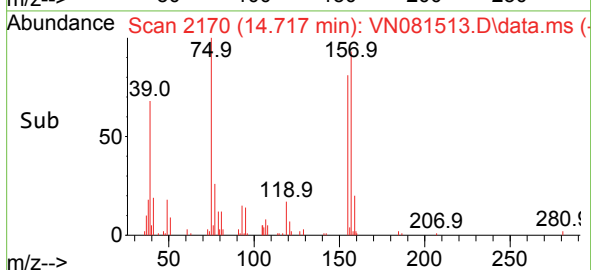
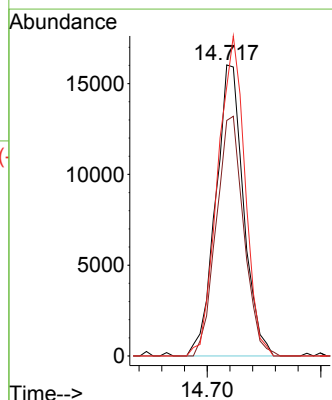
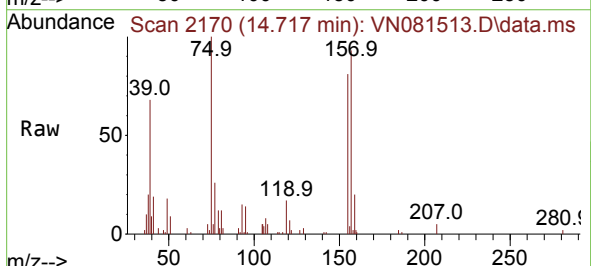
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

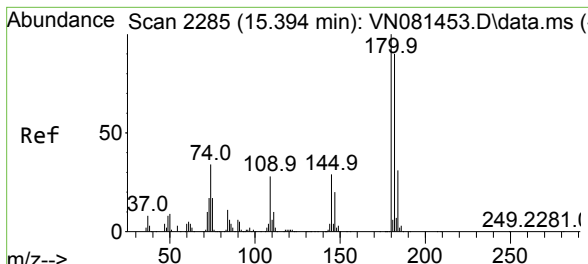
Tgt Ion:146 Resp: 220863
 Ion Ratio Lower Upper
 146 100
 111 43.5 23.9 71.8
 148 63.3 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.417 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN081513.D
 Acq: 21 Mar 2024 12:39

Tgt Ion: 75 Resp: 27266
 Ion Ratio Lower Upper
 75 100
 155 81.6 31.8 95.4
 157 107.4 41.1 123.4

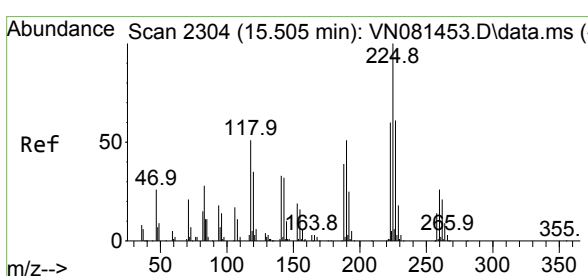
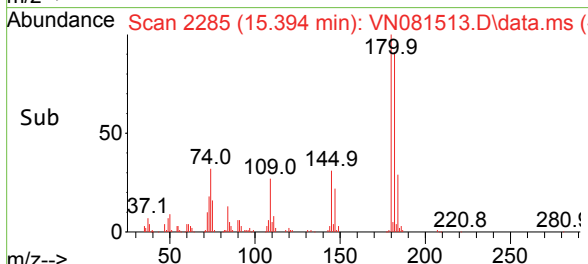
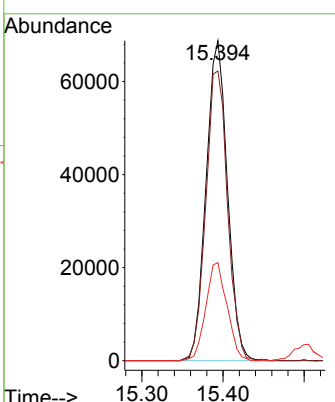
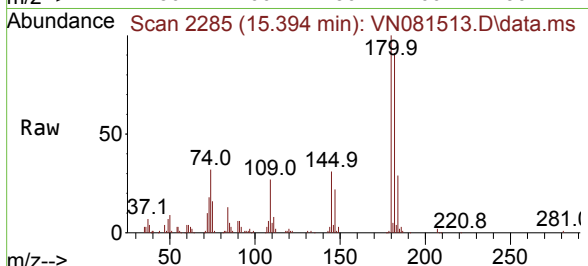




#93
 1,2,4-Trichlorobenzene
 Concen: 18.732 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081513.D
 Acq: 21 Mar 2024 12:39

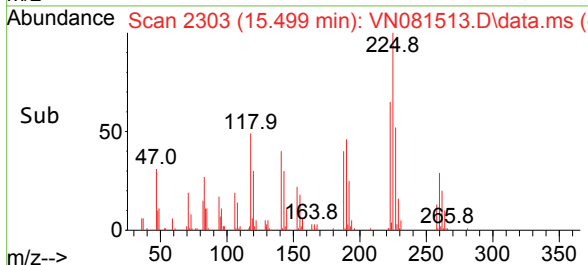
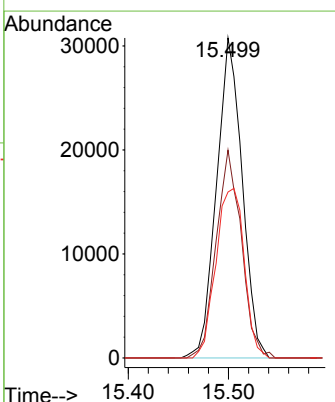
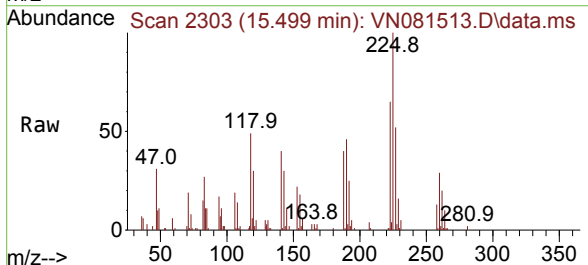
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

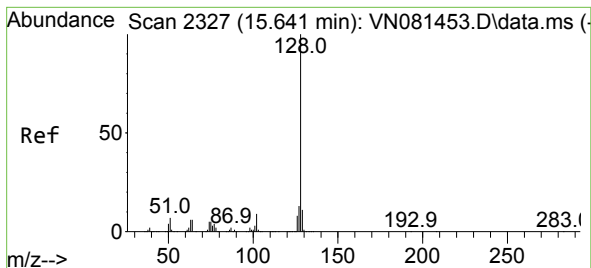
Tgt Ion:	180	Resp:	125591
Ion Ratio	Lower	Upper	
180	100		
182	92.3	46.6	139.7
145	30.5	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 18.560 ug/l
 RT: 15.499 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN081513.D
 Acq: 21 Mar 2024 12:39

Tgt Ion:	225	Resp:	54599
Ion Ratio	Lower	Upper	
225	100		
223	64.0	33.3	99.8
227	58.6	33.1	99.2





#95

Naphthalene

Concen: 17.466 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

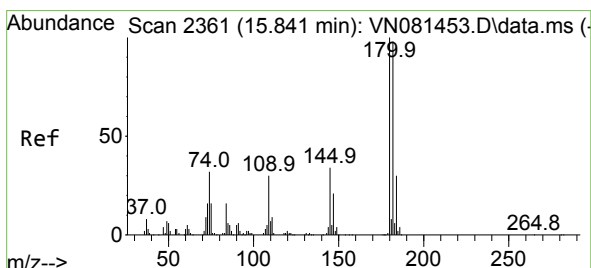
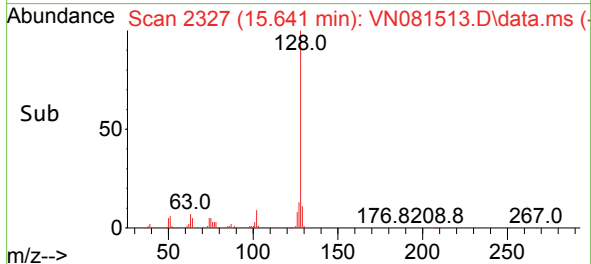
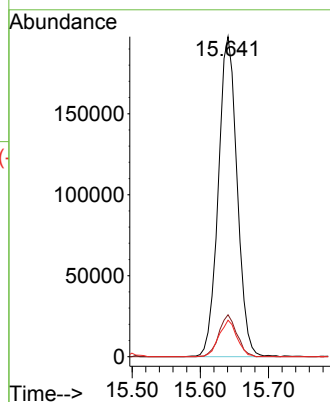
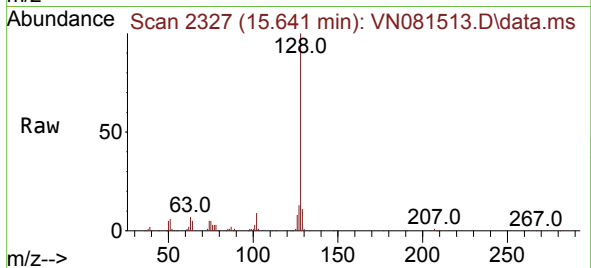
Tgt Ion:128 Resp: 379451

Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.170 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081513.D

Acq: 21 Mar 2024 12:39

Tgt Ion:180 Resp: 122536

Ion Ratio Lower Upper

180 100

182 95.2 46.5 139.3

145 34.2 17.8 53.4

