

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
 Data File : VN081825.D
 Acq On : 22 Apr 2024 13:55
 Operator : JC\MD
 Sample : VNM0422WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 23 06:57:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	13533	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	97473	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	131310	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	54591	32.836	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 109.467%	
60) 4-Bromofluorobenzene	12.847	95	84571	32.759	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 109.200%	
63) Toluene-d8	10.565	98	163709	31.081	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 103.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	34355	18.168	ug/l	95
3) Chloromethane	2.359	50	41706	25.421	ug/l	89
4) Vinyl Chloride	2.518	62	39252	23.267	ug/l	93
5) Bromomethane	2.965	94	37609	26.324	ug/l	94
6) Chloroethane	3.124	64	39992	30.288	ug/l	94
7) Trichlorofluoromethane	3.501	101	56342	20.343	ug/l	95
8) Diethyl Ether	3.965	74	18546	17.953	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	35025	18.432	ug/l	83
10) 1,1-Dichloroethene	4.348	96	31888	18.298	ug/l	88
11) Methyl Iodide	4.595	142	31465	15.943	ug/l	95
12) Methyl Acetate	5.024	43	33750	21.091	ug/l #	85
13) Acrolein	4.183	56	19516	92.603	ug/l	98
14) Acrylonitrile	5.724	53	77346	97.103	ug/l	95
15) Acetone	4.418	58	9894	56.476	ug/l	99
16) Carbon Disulfide	4.706	76	87796	17.717	ug/l #	91
17) Allyl chloride	5.018	41	41000	19.449	ug/l	87
18) Methylene Chloride	5.277	84	39703	19.786	ug/l	90
19) trans-1,2-Dichloroethene	5.789	96	38021	19.895	ug/l #	82
20) Diisopropyl ether	6.665	45	109762	21.869	ug/l	91
21) 1,1-Dichloroethane	6.565	63	70405	21.040	ug/l	94
22) cis-1,2-Dichloroethene	7.489	96	48361	20.956	ug/l	95
23) tert-Butyl Alcohol	5.518	59	16457	58.201	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	109642	20.117	ug/l #	90
25) Chloroform	7.965	83	82293	21.614	ug/l	99
26) Cyclohexane	8.253	56	53190	19.828	ug/l #	83
29) 1,1-Dichloropropene	8.365	75	54937	21.438	ug/l	87
30) 2-Butanone	7.483	43	100560	102.752	ug/l	98
31) 2,2-Dichloropropane	7.489	77	64745	20.284	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	72562	20.545	ug/l	97
33) Carbon Tetrachloride	8.365	117	65743	20.536	ug/l	94
34) Benzene	8.606	78	167663	20.311	ug/l	98
35) Methacrylonitrile	7.777	41	25256	22.783	ug/l	95
36) 1,2-Dichloroethane	8.671	62	62595	23.118	ug/l	99
37) Trichloroethene	9.353	130	43637	19.976	ug/l	83
38) Methylcyclohexane	9.600	83	55542	17.733	ug/l	98
39) 1,2-Dichloropropane	9.624	63	41790	21.700	ug/l	90
40) Dibromomethane	9.712	93	33943	22.126	ug/l	99
41) Bromodichloromethane	9.888	83	68027	21.746	ug/l	93
42) Vinyl Acetate	6.606	43	428494	105.101	ug/l	99

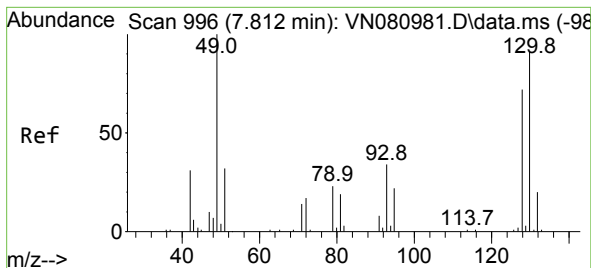
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Quant Time: Apr 23 06:57:06 2024
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	46303	21.468	ug/l #	89
44) Isopropyl Acetate	8.688	43	79143	21.899	ug/l	93
45) 1,4-Dioxane	9.694	88	13450	337.138	ug/l #	93
46) Methyl methacrylate	9.682	41	36861	22.681	ug/l	70
47) n-amyl Acetate	12.494	43	72844	22.463	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	68240	22.896	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	66967	20.865	ug/l #	86
50) 1,1,2-Trichloroethane	11.018	97	44537	21.682	ug/l	94
51) Ethyl methacrylate	10.877	69	59635	20.850	ug/l	85
52) 1,3-Dichloropropane	11.165	76	73840	21.931	ug/l	99
53) Dibromochloromethane	11.359	129	55433	22.591	ug/l	99
54) 1,2-Dibromoethane	11.471	107	45972	21.652	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	147360	104.917	ug/l	100
56) Bromoform	12.576	173	36063	22.985	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	255800	113.279	ug/l #	88
59) 2-Hexanone	11.194	43	183851	108.410	ug/l	90
61) Tetrachloroethene	11.106	164	49944	20.527	ug/l	92
62) Toluene	10.629	91	201894	21.134	ug/l	96
64) Chlorobenzene	11.894	112	128647	21.237	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.959	131	46390	21.082	ug/l	94
66) Ethyl Benzene	11.965	91	206288	20.310	ug/l	100
67) m/p-Xylenes	12.071	106	169468	42.122	ug/l	97
68) o-Xylene	12.400	106	80508	21.079	ug/l	96
69) Styrene	12.412	104	134794	20.723	ug/l	98
70) Isopropylbenzene	12.694	105	207765	21.086	ug/l	95
71) 1,1,2,2-Tetrachloroethane	12.941	83	61490	23.890	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	79627	33.415	ug/l	69
73) Bromobenzene	12.982	156	52943	21.684	ug/l	95
74) n-propylbenzene	13.035	91	254116	21.545	ug/l	99
75) 2-Chlorotoluene	13.123	91	152911	21.761	ug/l	96
76) 1,3,5-Trimethylbenzene	13.176	105	179828	21.502	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	21385	21.670	ug/l	96
78) 4-Chlorotoluene	13.223	91	159149	22.835	ug/l	97
79) tert-butylbenzene	13.441	119	150396	21.138	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	183410	21.990	ug/l	94
81) sec-Butylbenzene	13.618	105	216687	21.117	ug/l	98
82) p-Isopropyltoluene	13.729	119	176823	20.547	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	104945	22.999	ug/l	96
84) 1,4-Dichlorobenzene	13.812	146	102759	23.264	ug/l	97
85) n-Butylbenzene	14.059	91	154263	21.281	ug/l	98
86) Hexachloroethane	14.335	117	35699	21.714	ug/l	95
87) 1,2-Dichlorobenzene	14.106	146	105263	24.236	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	13580	24.202	ug/l	95
89) 1,2,4-Trichlorobenzene	15.841	180	54106	22.727	ug/l	99
90) Hexachlorobutadiene	15.500	225	23489	24.621	ug/l	97
91) Naphthalene	15.641	128	162561	21.239	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	54106	22.728	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.818 min Scan# 996

Delta R.T. -0.006 min

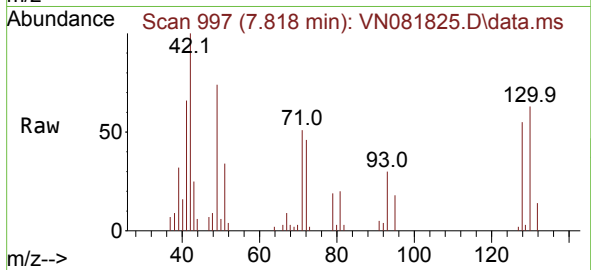
Lab File: VN081825.D

Acq: 22 Apr 2024 13:55

Instrument :

MSVOA_N

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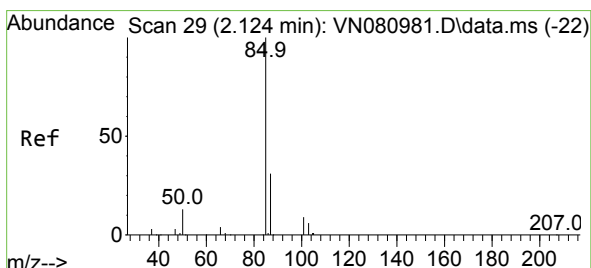
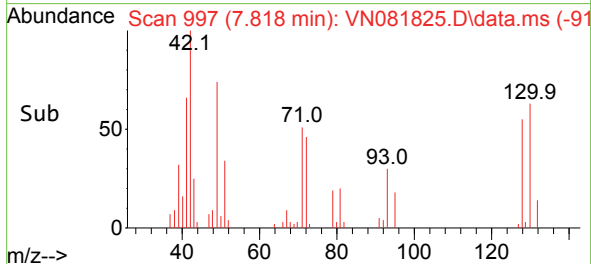
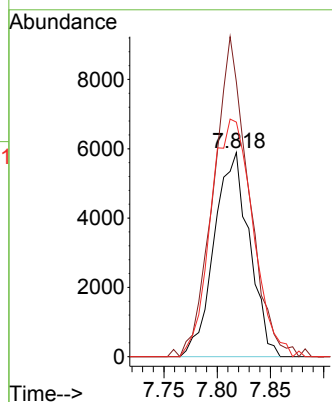
Tgt Ion:128 Resp: 13533

Ion Ratio Lower Upper

128 100

49 155.2 0.0 403.7

130 139.3 0.0 323.3



#2

Dichlorodifluoromethane

Concen: 18.168 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081825.D

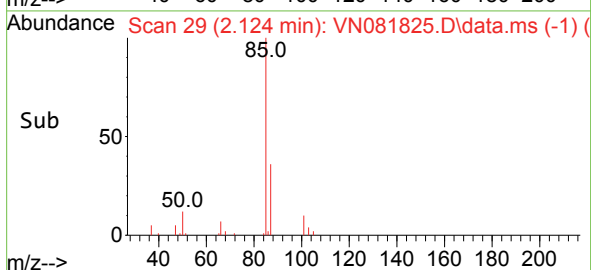
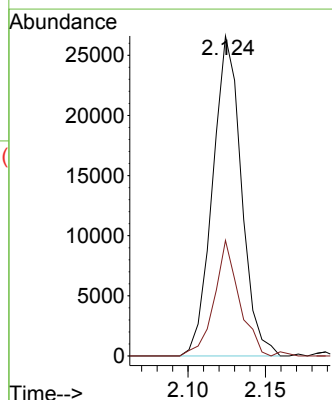
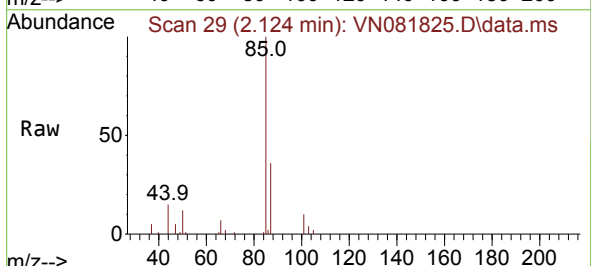
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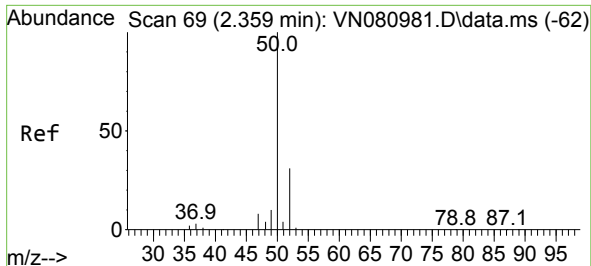
Tgt Ion: 85 Resp: 34355

Ion Ratio Lower Upper

85 100

87 36.1 16.8 50.3

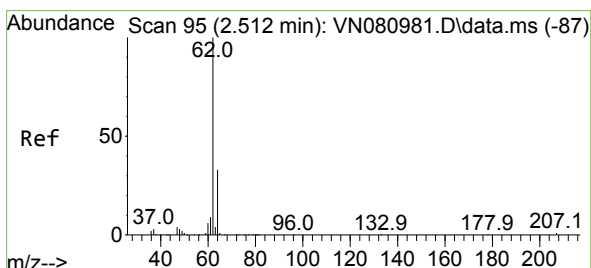
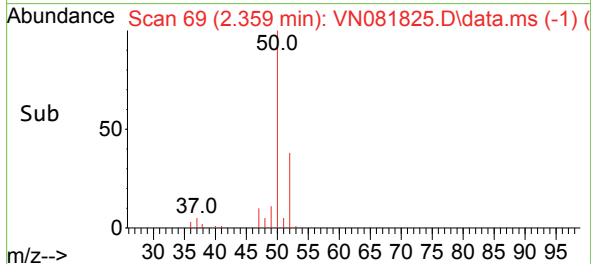
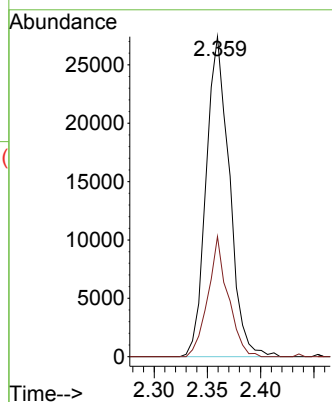
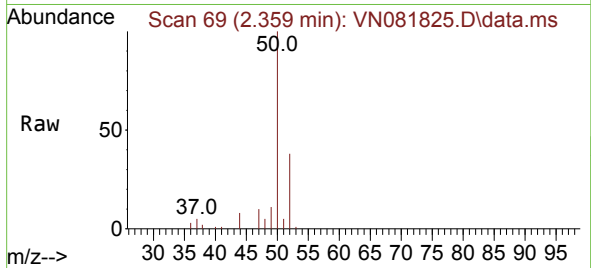




#3
Chloromethane
Concen: 25.421 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

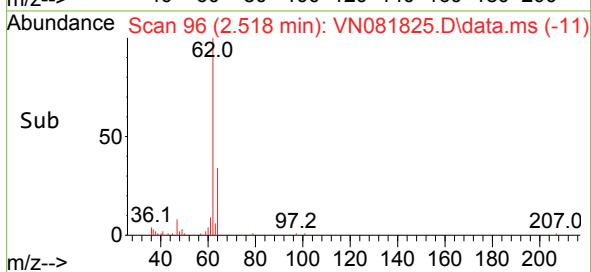
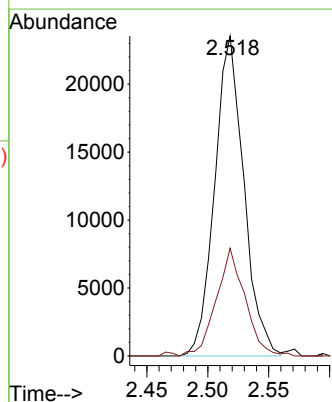
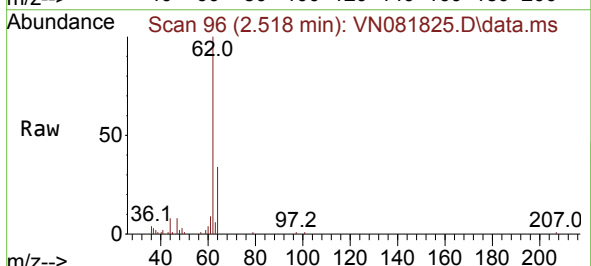
Instrument :
MSVOA_N
ClientSampleId :

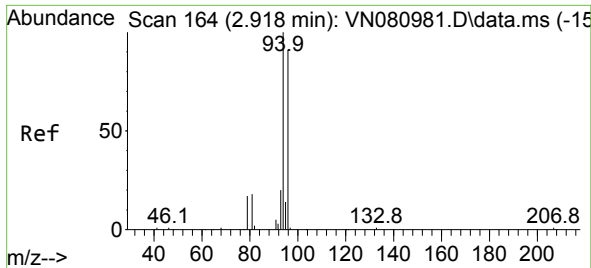
Tgt Ion: 50 Resp: 41706
Ion Ratio Lower Upper
50 100
52 37.5 25.4 38.0



#4
Vinyl Chloride
Concen: 23.267 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Tgt Ion: 62 Resp: 39252
Ion Ratio Lower Upper
62 100
64 33.7 24.1 36.1

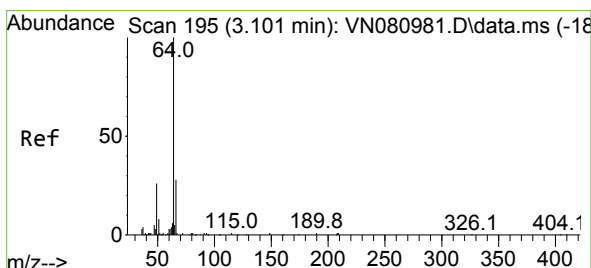
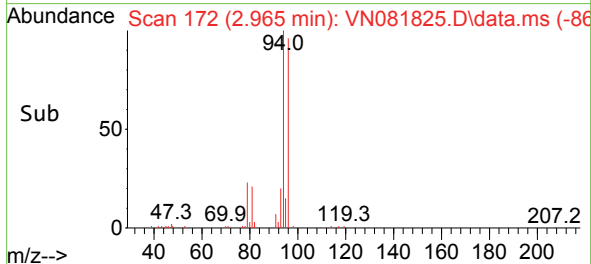
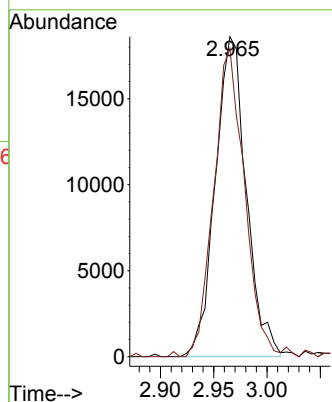
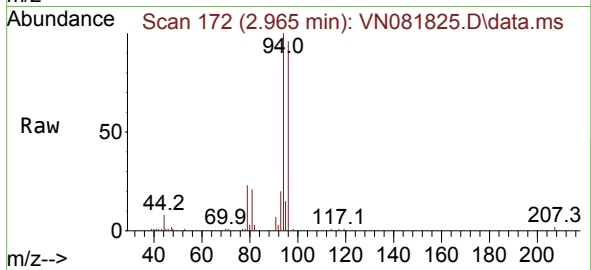




#5
Bromomethane
Concen: 26.324 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

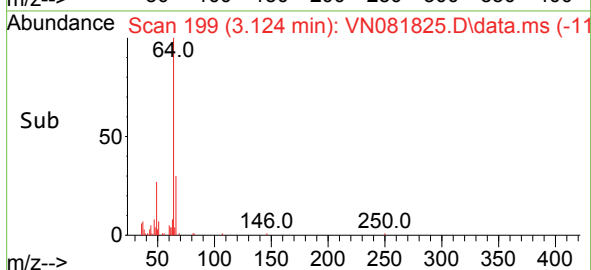
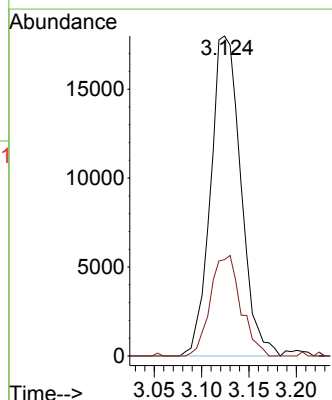
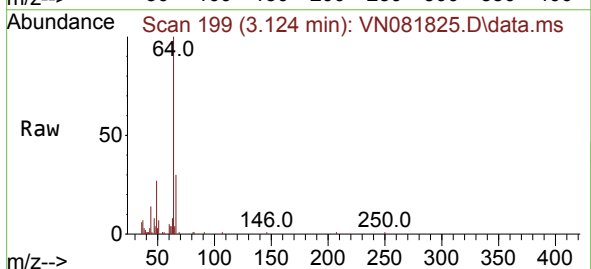
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ClientSampleId :

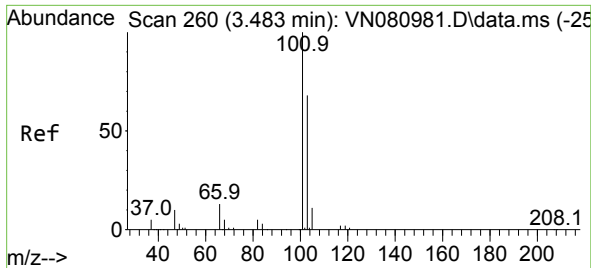
Tgt Ion: 94 Resp: 37609
Ion Ratio Lower Upper
94 100
96 96.3 72.8 109.2



#6
Chloroethane
Concen: 30.288 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Tgt Ion: 64 Resp: 39992
Ion Ratio Lower Upper
64 100
66 30.1 26.7 40.1

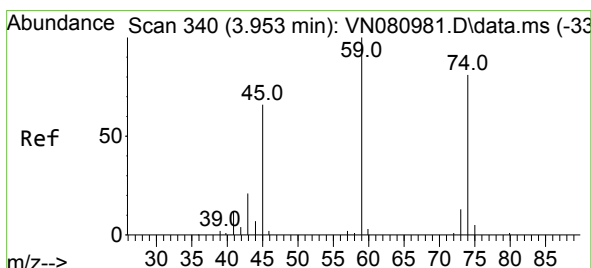
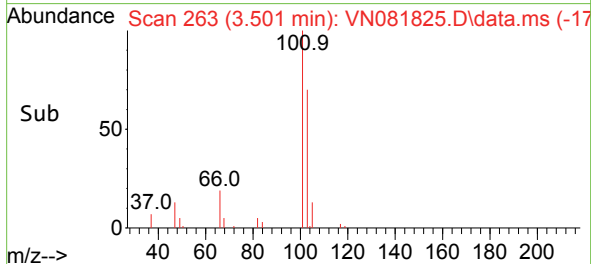
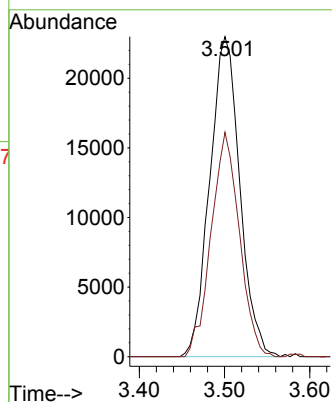
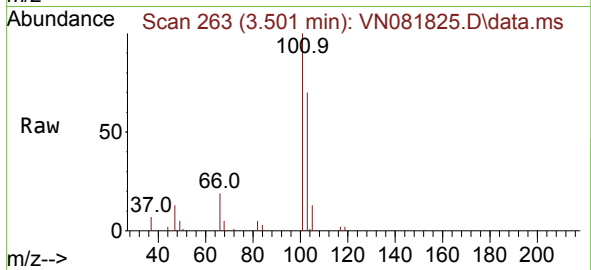




#7
Trichlorofluoromethane
Concen: 20.343 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

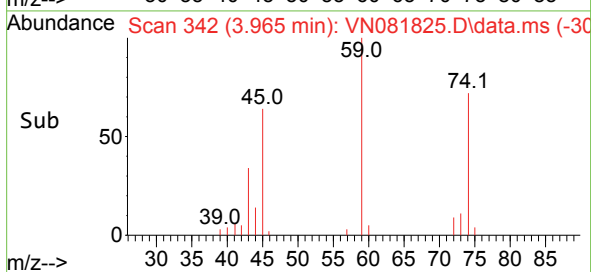
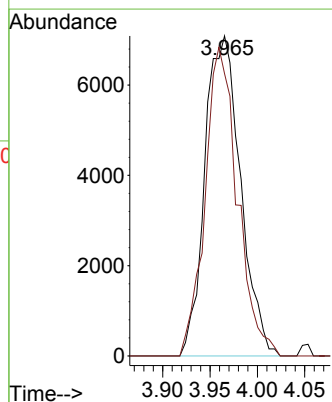
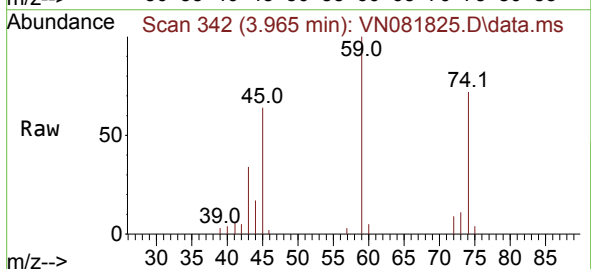
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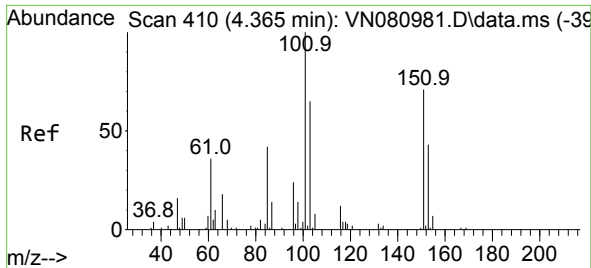
Tgt Ion:101 Resp: 56342
Ion Ratio Lower Upper
101 100
103 70.1 53.0 79.4



#8
Diethyl Ether
Concen: 17.953 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Tgt Ion: 74 Resp: 18546
Ion Ratio Lower Upper
74 100
45 87.8 16.4 147.4

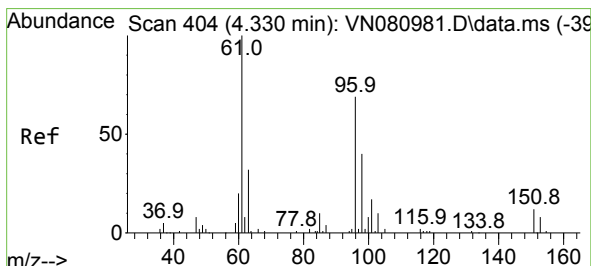
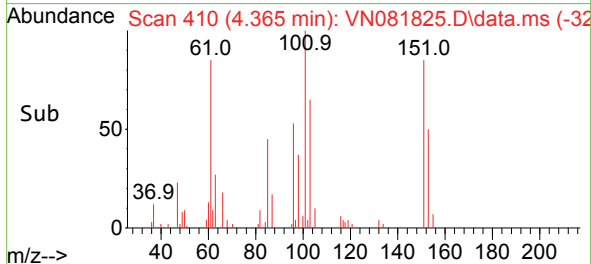
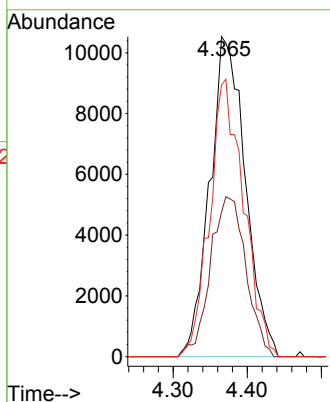
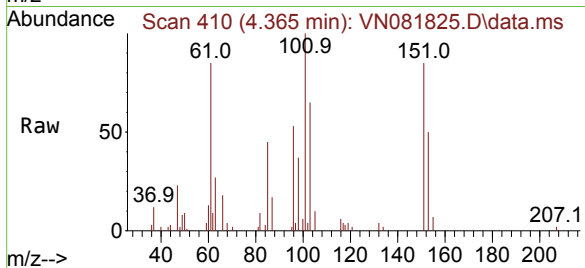




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.432 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.012 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

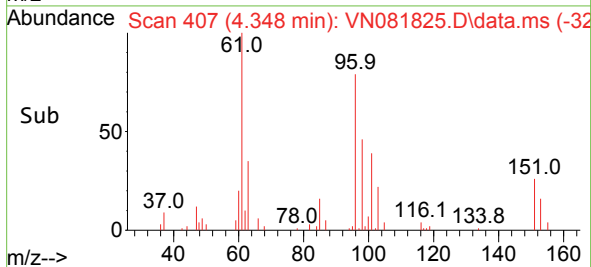
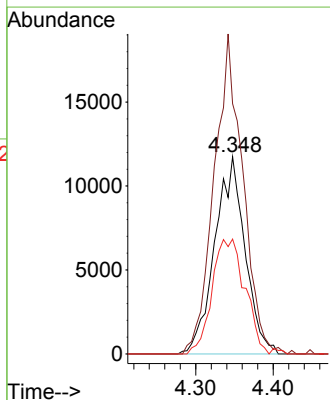
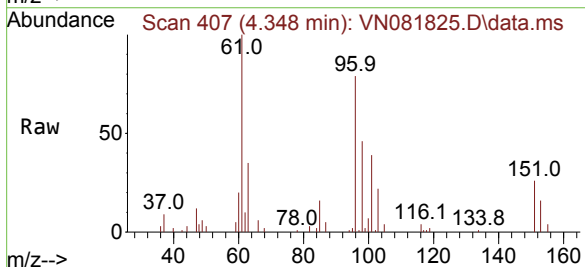
Instrument :
MSVOA_N
ClientSampleId :

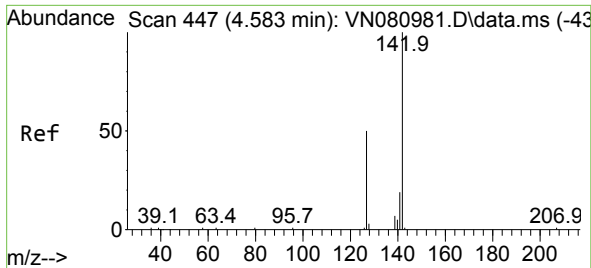
Tgt Ion:	101	Resp:	35025
Ion	Ratio	Lower	Upper
101	100		
85	49.2	0.0	90.6
151	58.3	0.0	157.6



#10
1,1-Dichloroethene
Concen: 18.298 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

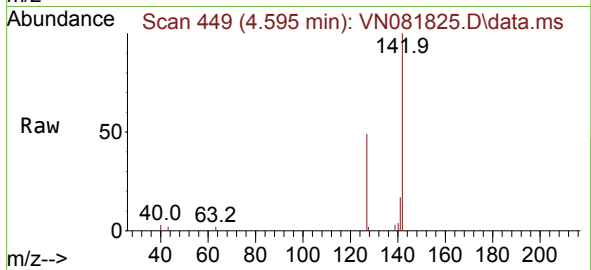
Tgt Ion:	96	Resp:	31888
Ion	Ratio	Lower	Upper
96	100		
61	126.8	117.6	176.4
98	58.2	48.4	72.6



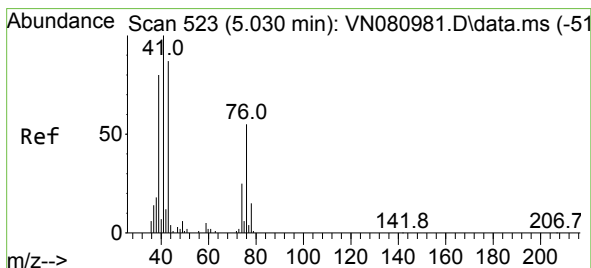
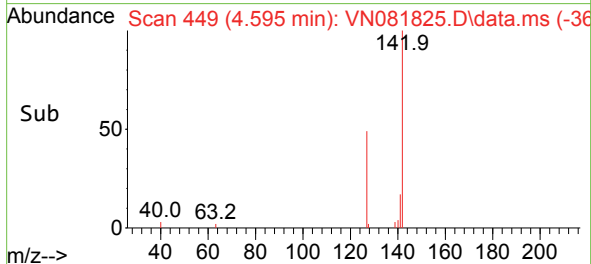
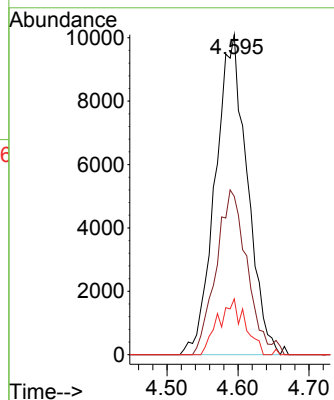


#11
Methyl Iodide
Concen: 15.943 ug/l
RT: 4.595 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Instrument :
MSVOA_N
ClientSampleId :

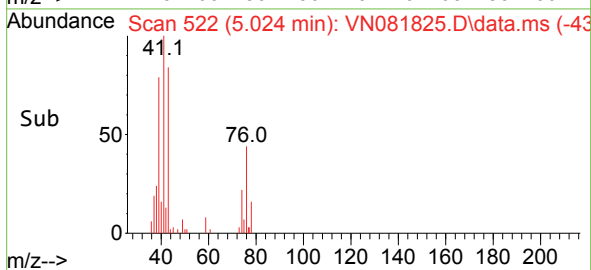
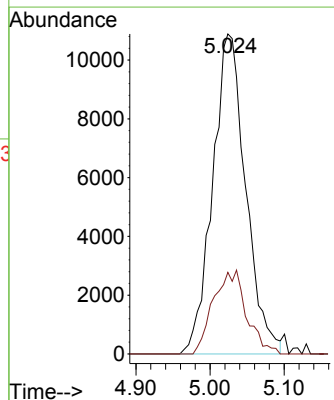
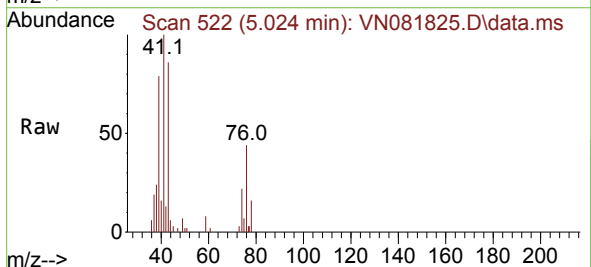


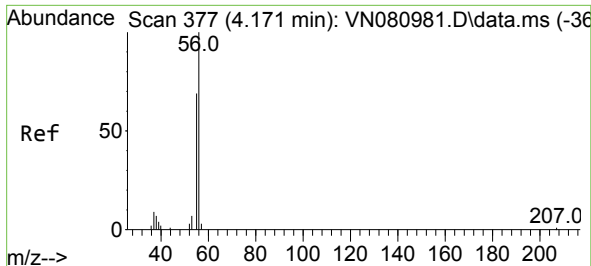
Tgt Ion:142 Resp: 31465
Ion Ratio Lower Upper
142 100
127 48.1 26.3 78.9
141 17.4 8.3 24.9



#12
Methyl Acetate
Concen: 21.091 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Tgt Ion: 43 Resp: 33750
Ion Ratio Lower Upper
43 100
74 26.0 27.7 41.5#





#13

Acrolein

Concen: 92.603 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081825.D

Acq: 22 Apr 2024 13:55

Instrument :

MSVOA_N

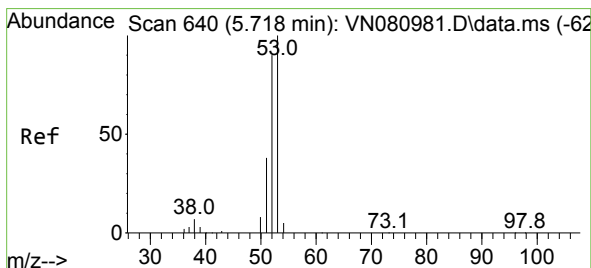
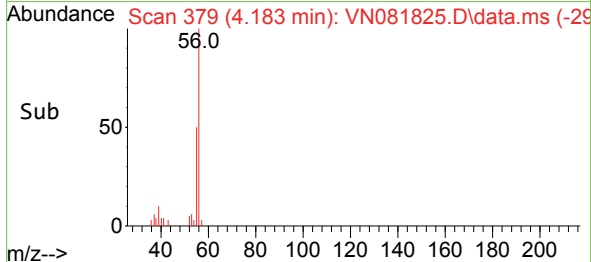
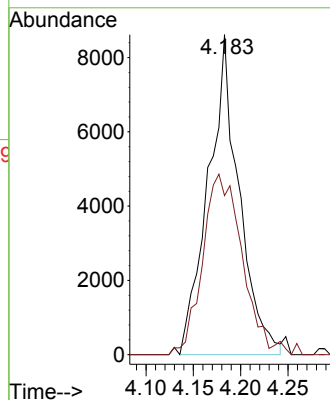
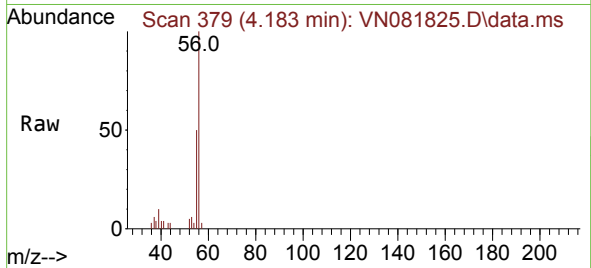
ClientSampleId :

Tgt Ion: 56 Resp: 19516

Ion Ratio Lower Upper

56 100

55 71.1 55.5 83.3



#14

Acrylonitrile

Concen: 97.103 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN081825.D

Acq: 22 Apr 2024 13:55

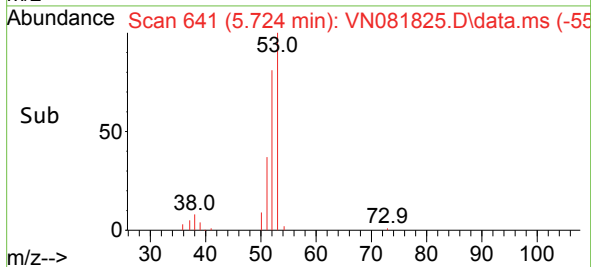
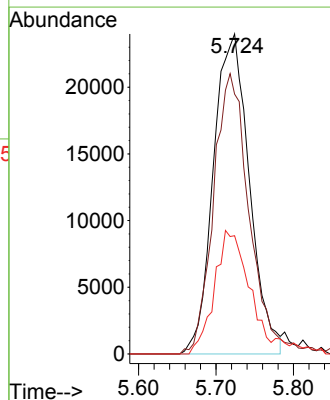
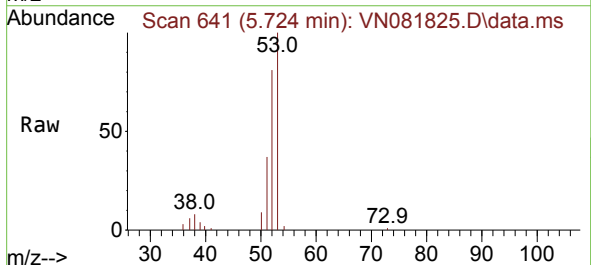
Tgt Ion: 53 Resp: 77346

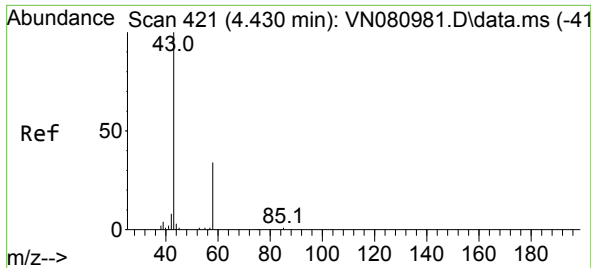
Ion Ratio Lower Upper

53 100

52 86.3 41.3 123.9

51 36.8 16.8 50.3

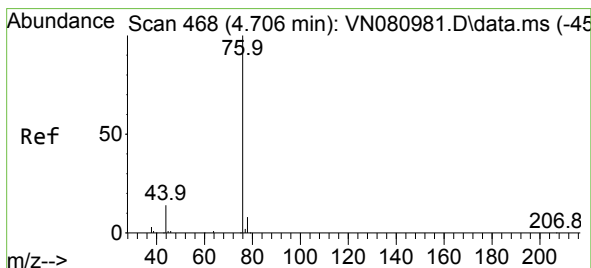
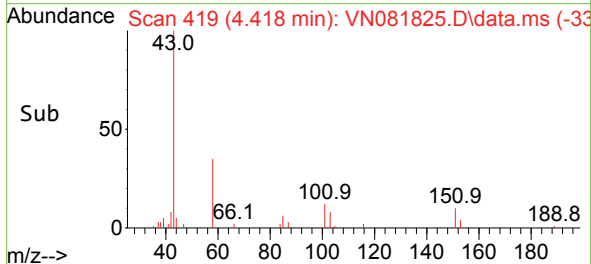
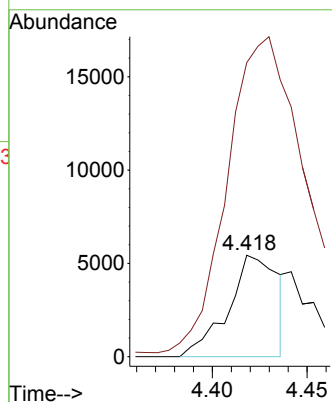
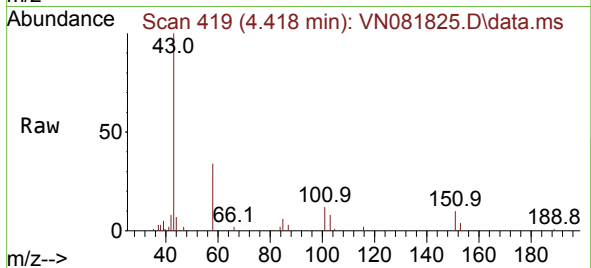




#15
Acetone
Concen: 56.476 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

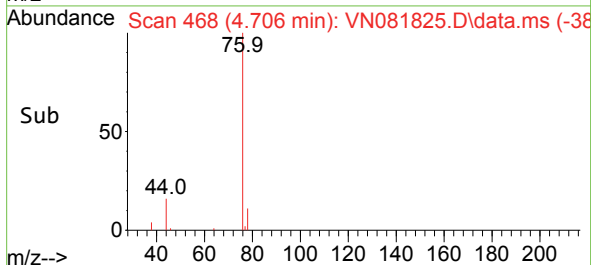
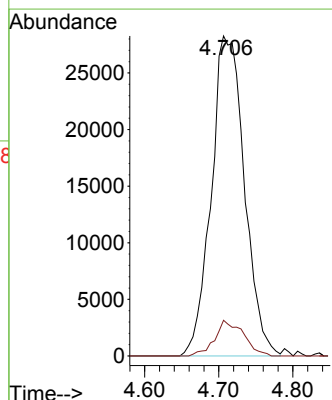
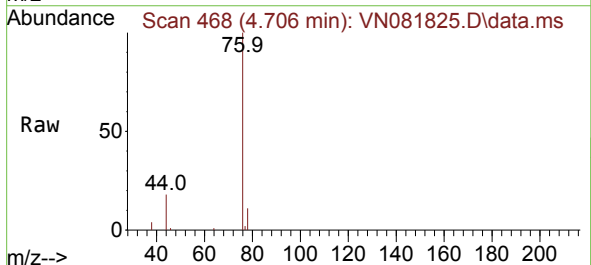
Instrument :
MSVOA_N
ClientSampleId :

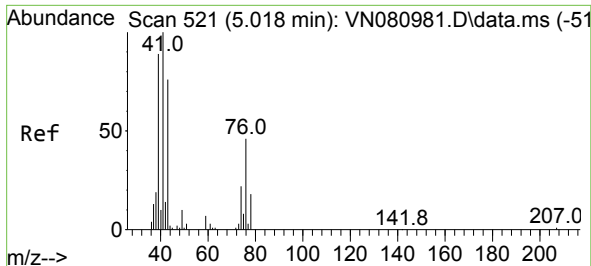
Tgt Ion: 58 Resp: 9894
Ion Ratio Lower Upper
58 100
43 276.4 223.1 334.7



#16
Carbon Disulfide
Concen: 17.717 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

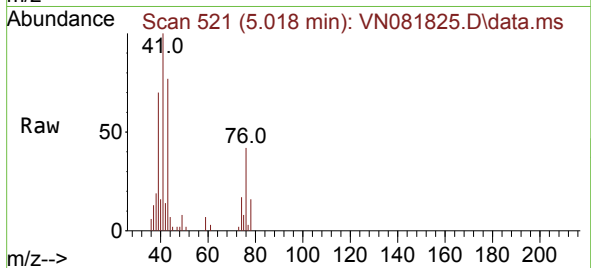
Tgt Ion: 76 Resp: 87796
Ion Ratio Lower Upper
76 100
78 11.2 6.3 9.5#



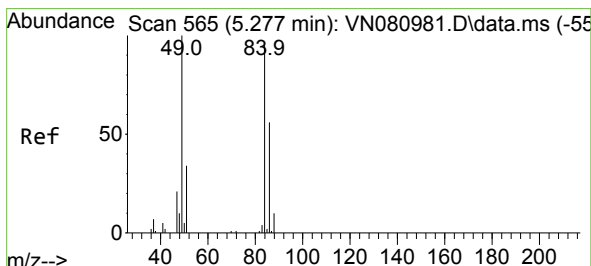
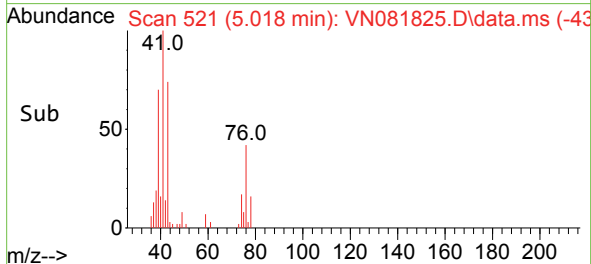
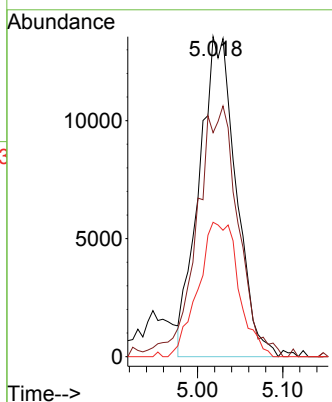


#17
 Allyl chloride
 Concen: 19.449 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN081825.D
 Acq: 22 Apr 2024 13:55

Instrument :
 MSVOA_N
 ClientSampleId :

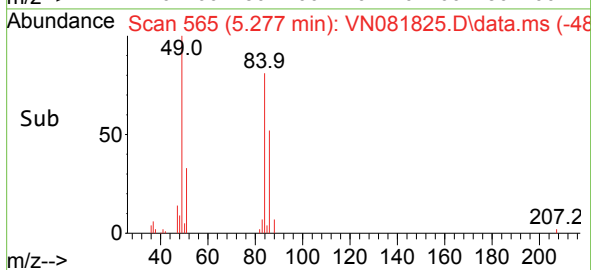
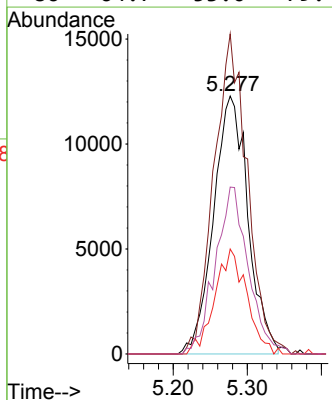
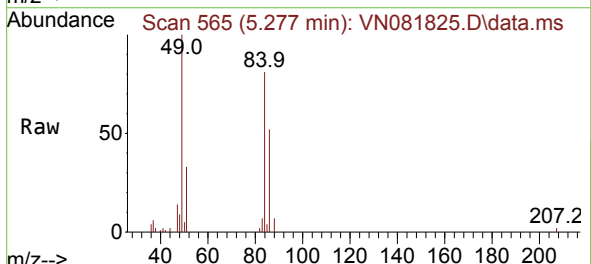


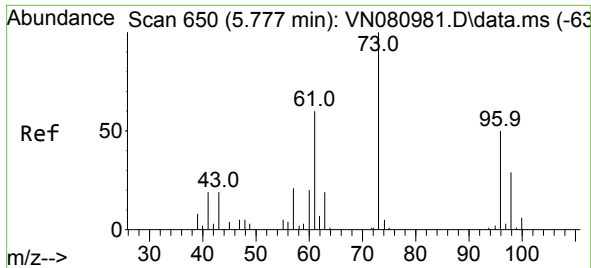
Tgt Ion: 41 Resp: 41000
 Ion Ratio Lower Upper
 41 100
 39 67.7 37.6 112.9
 76 42.0 27.8 83.4



#18
 Methylene Chloride
 Concen: 19.786 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN081825.D
 Acq: 22 Apr 2024 13:55

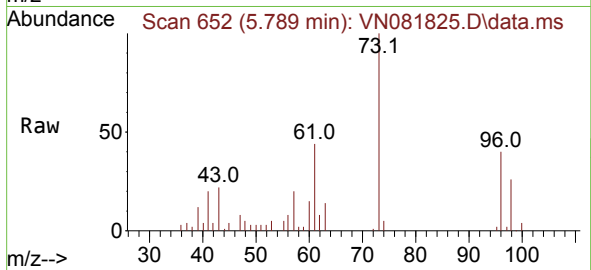
Tgt Ion: 84 Resp: 39703
 Ion Ratio Lower Upper
 84 100
 49 124.0 86.0 129.0
 51 40.7 30.0 45.0
 86 64.7 53.0 79.4



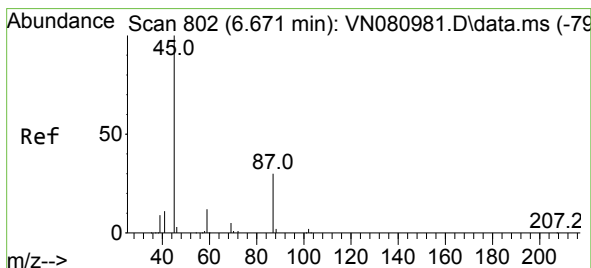
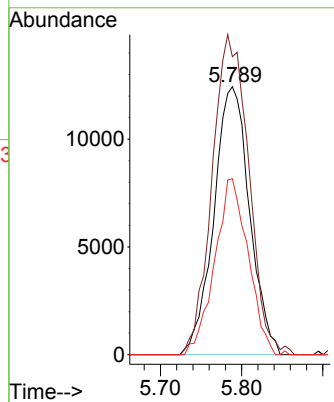
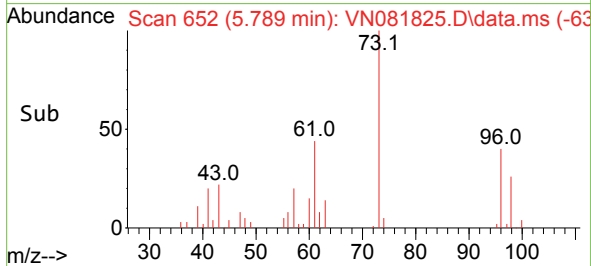


#19
trans-1,2-Dichloroethene
Concen: 19.895 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Instrument :
MSVOA_N
ClientSampleId :

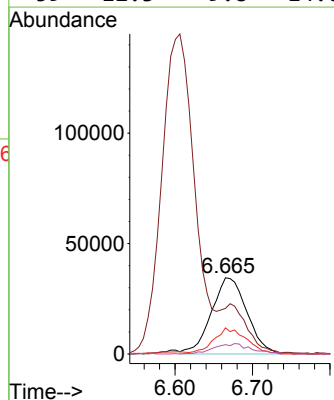
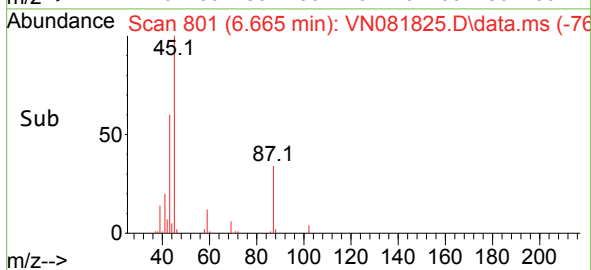
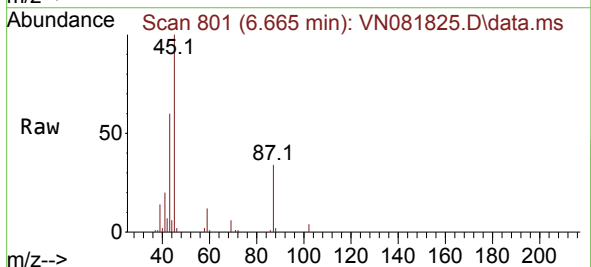


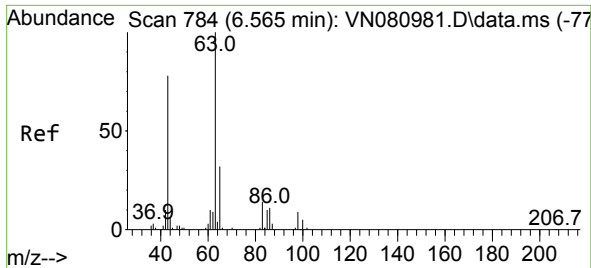
Tgt Ion: 96 Resp: 38021
Ion Ratio Lower Upper
96 100
61 111.2 111.8 167.6#
98 65.7 49.2 73.8



#20
Diisopropyl ether
Concen: 21.869 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.012 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

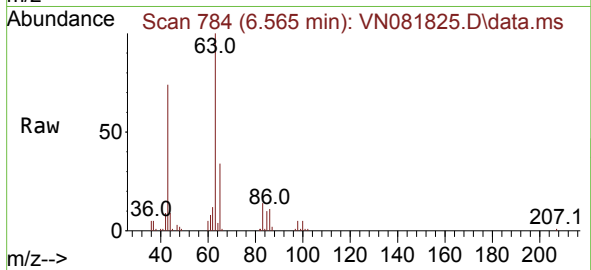
Tgt Ion: 45 Resp: 109762
Ion Ratio Lower Upper
45 100
43 58.7 40.4 60.6
87 34.6 23.8 35.8
59 12.3 9.8 14.6



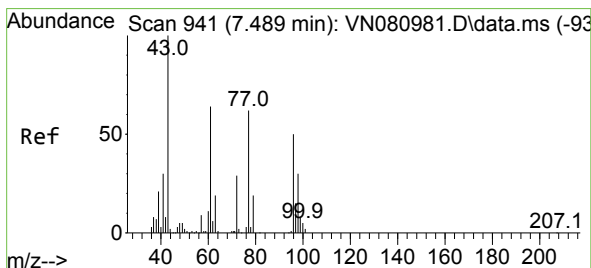
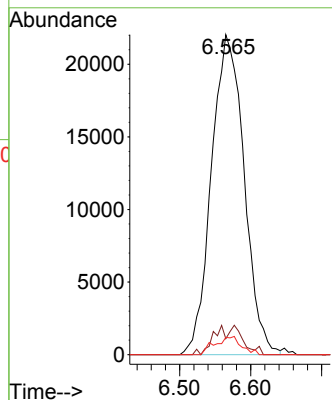
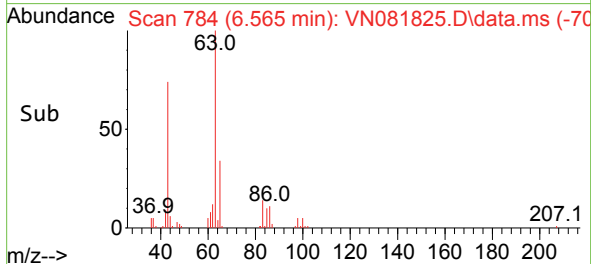


#21
1,1-Dichloroethane
Concen: 21.040 ug/l
RT: 6.565 min Scan# 704
Delta R.T. -0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Instrument :
MSVOA_N
ClientSampleId :

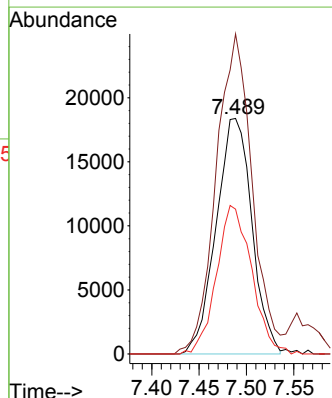
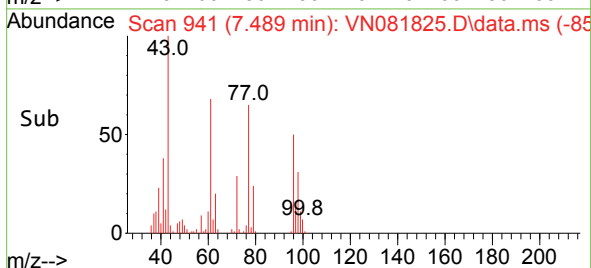
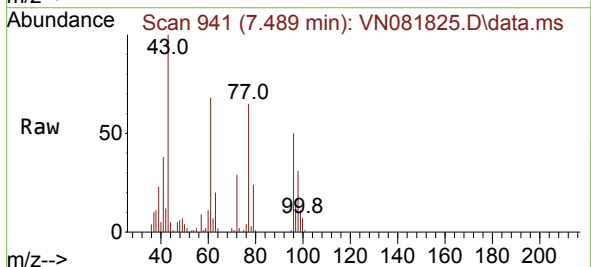


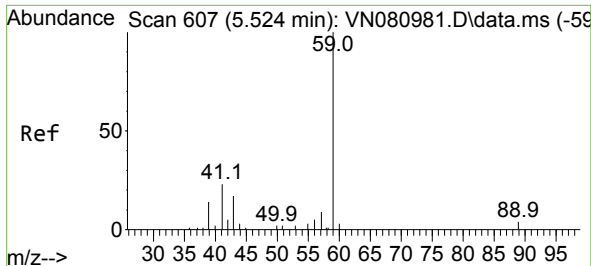
Tgt Ion: 63 Resp: 70405
Ion Ratio Lower Upper
63 100
98 5.0 4.1 12.3
100 5.4 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 20.956 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Tgt Ion: 96 Resp: 48361
Ion Ratio Lower Upper
96 100
61 135.9 113.5 170.3
98 61.8 52.0 78.0

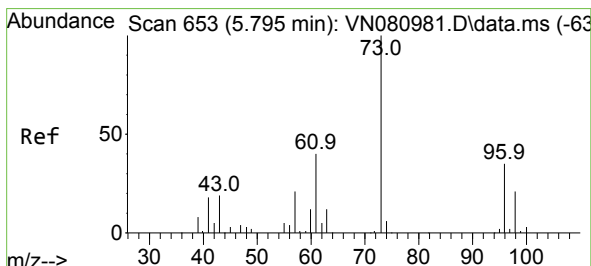
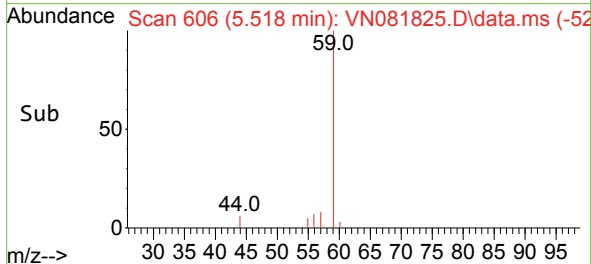
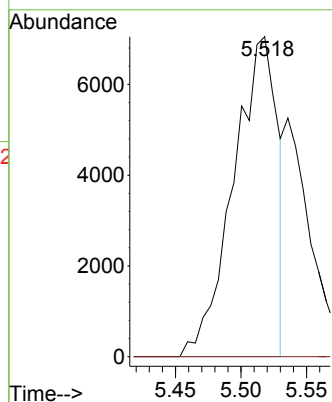
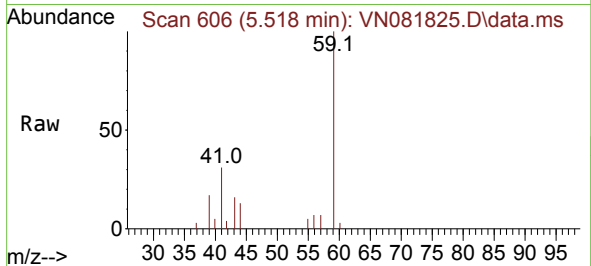




#23
tert-Butyl Alcohol
Concen: 58.201 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

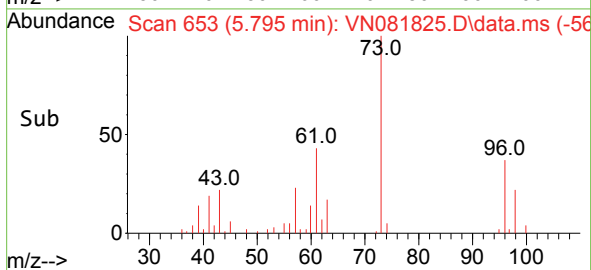
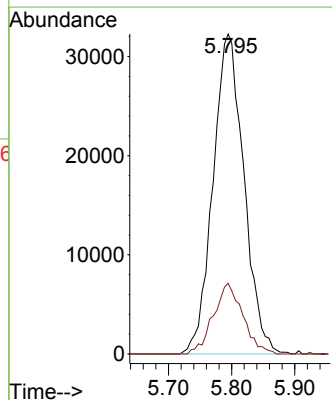
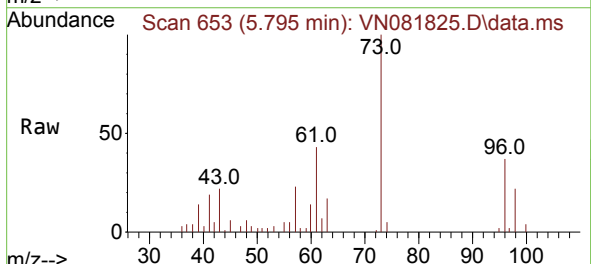
Instrument :
MSVOA_N
ClientSampleId :

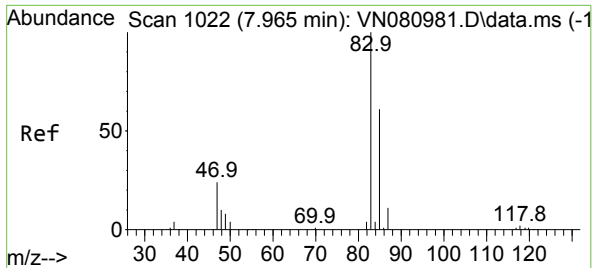
Tgt Ion: 59 Resp: 16457
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.117 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Tgt Ion: 73 Resp: 109642
Ion Ratio Lower Upper
73 100
43 21.1 13.4 20.2#





#25

Chloroform

Concen: 21.614 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081825.D

Acq: 22 Apr 2024 13:55

Instrument :

MSVOA_N

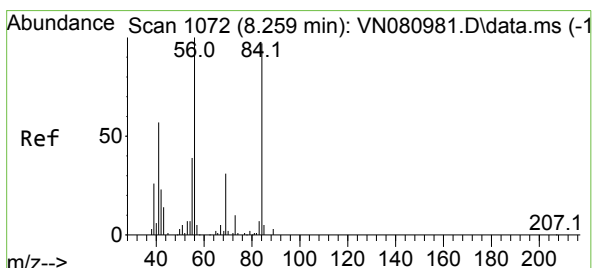
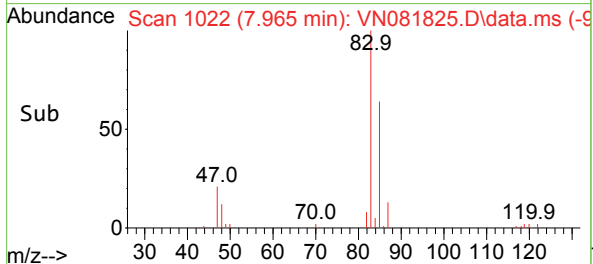
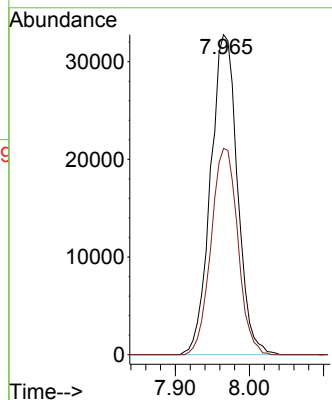
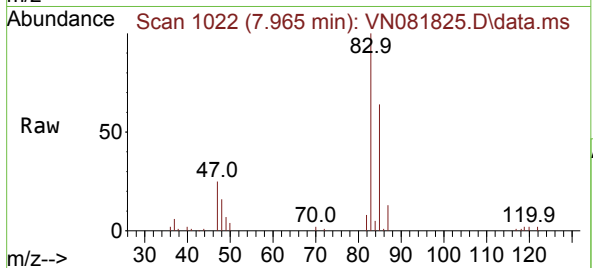
ClientSampleId :

Tgt Ion: 83 Resp: 82293

Ion Ratio Lower Upper

83 100

85 64.5 50.9 76.3



#26

Cyclohexane

Concen: 19.828 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VN081825.D

Acq: 22 Apr 2024 13:55

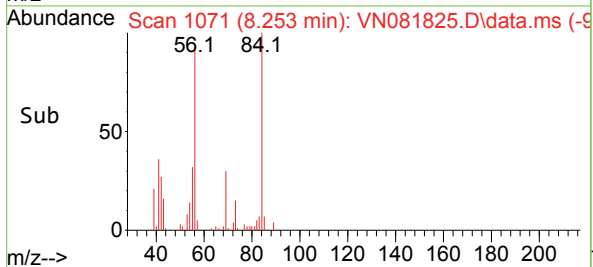
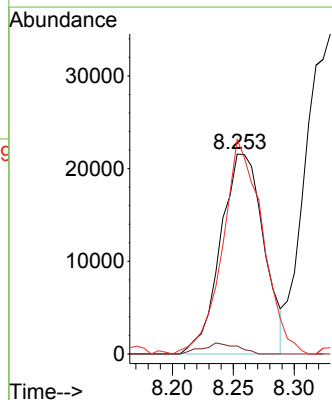
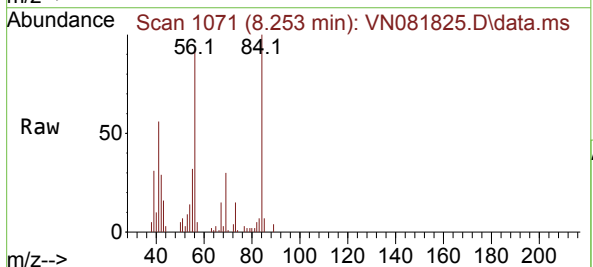
Tgt Ion: 56 Resp: 53190

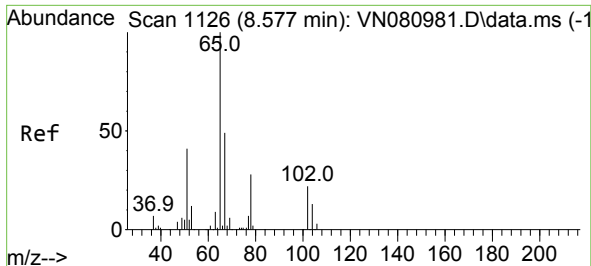
Ion Ratio Lower Upper

56 100

89 4.5 19.3 28.9#

84 99.4 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 32.836 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN081825.D

Acq: 22 Apr 2024 13:55

Instrument :

MSVOA_N

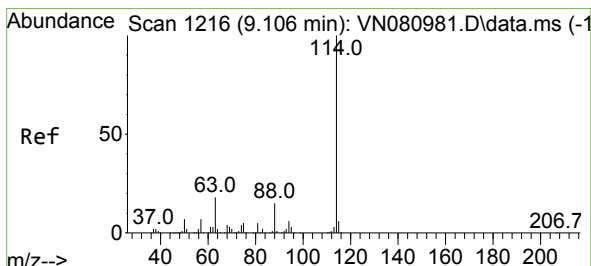
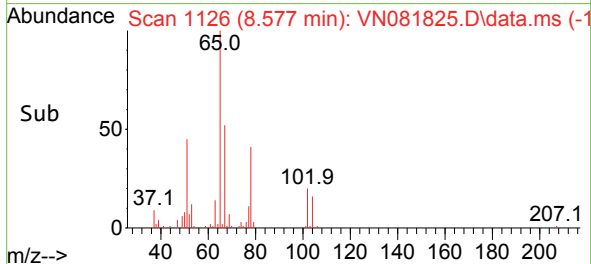
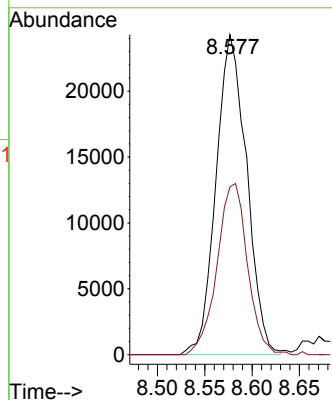
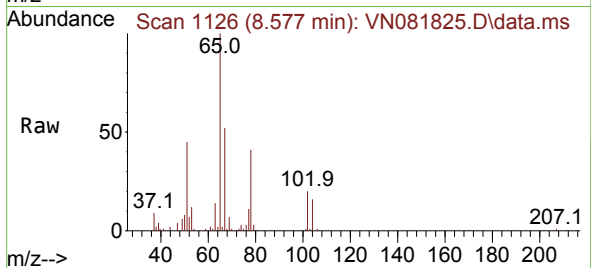
ClientSampleId :

Tgt Ion: 65 Resp: 54591

Ion Ratio Lower Upper

65 100

67 53.0 43.2 64.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081825.D

Acq: 22 Apr 2024 13:55

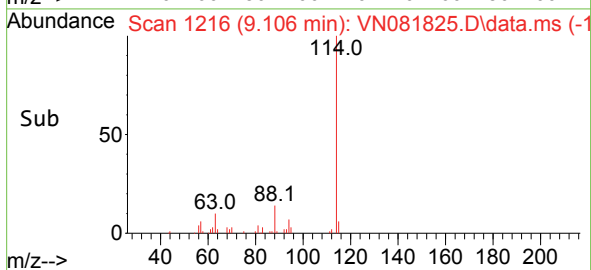
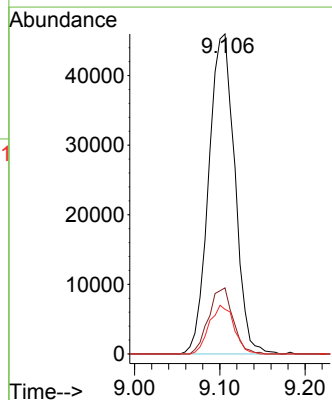
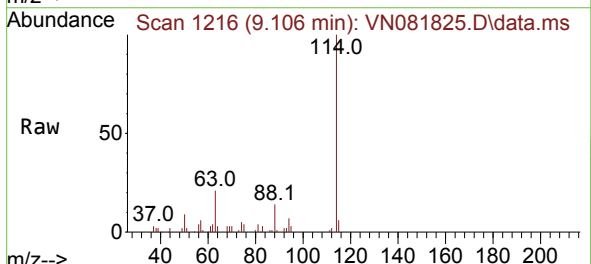
Tgt Ion: 114 Resp: 97473

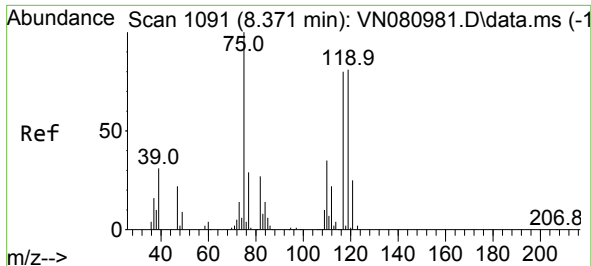
Ion Ratio Lower Upper

114 100

63 19.3 15.9 23.9

88 14.5 12.7 19.1





#29

1,1-Dichloropropene

Concen: 21.438 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.012 min

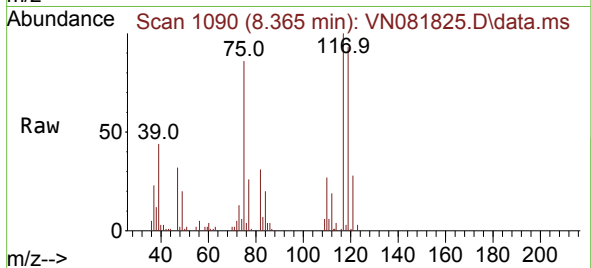
Lab File: VN081825.D

Acq: 22 Apr 2024 13:55

Instrument :

MSVOA_N

ClientSampleId :



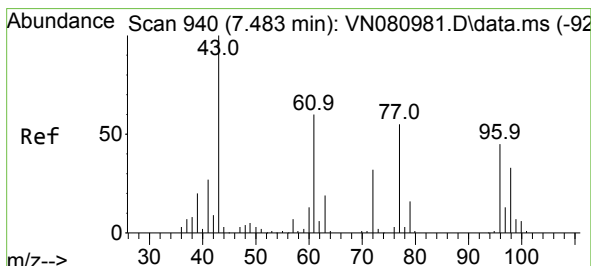
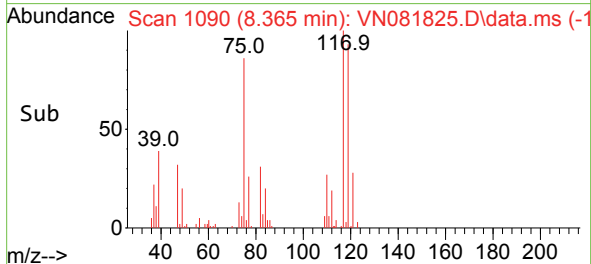
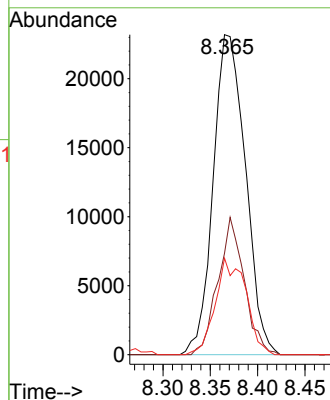
Tgt Ion: 75 Resp: 54937

Ion Ratio Lower Upper

75 100

110 35.0 0.0 70.2

77 15.2 0.0 61.4



#30

2-Butanone

Concen: 102.752 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN081825.D

Acq: 22 Apr 2024 13:55

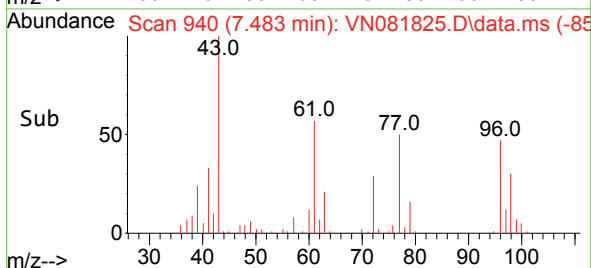
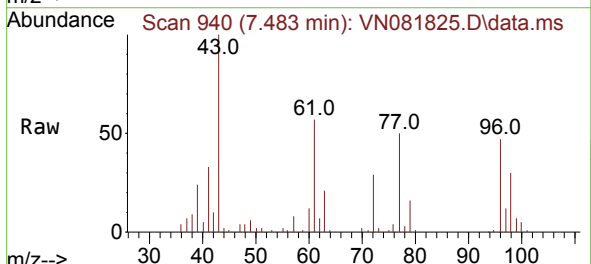
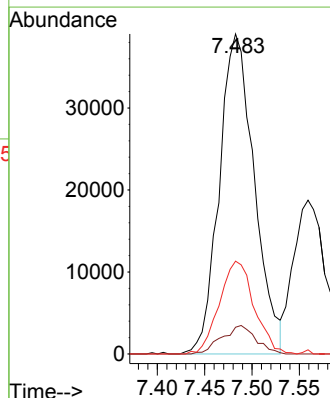
Tgt Ion: 43 Resp: 100560

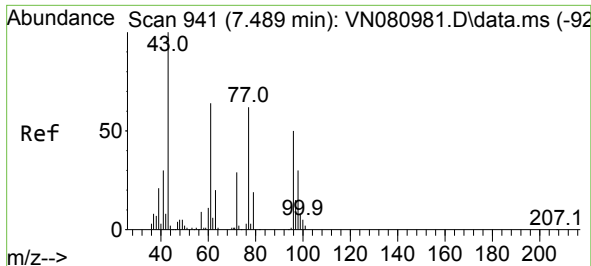
Ion Ratio Lower Upper

43 100

57 8.7 6.7 10.1

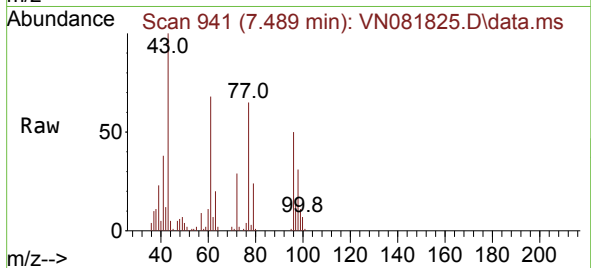
72 28.8 24.0 36.0



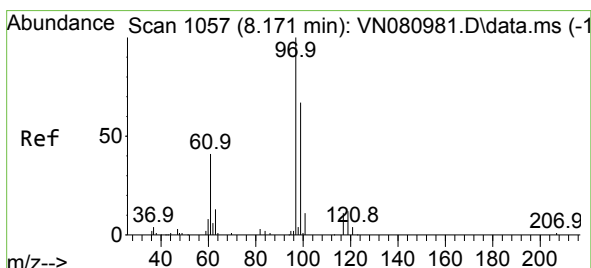
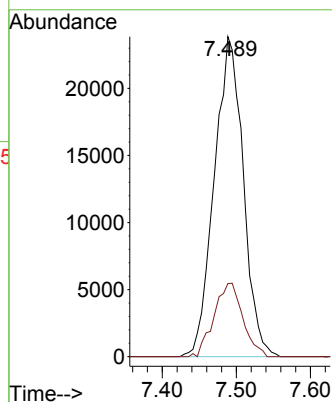
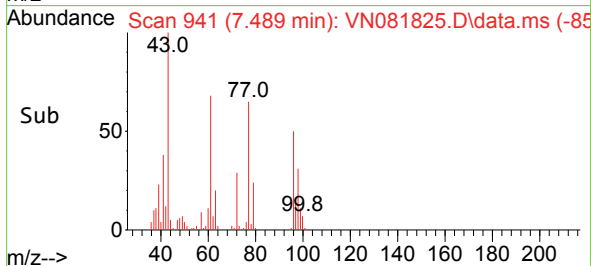


#31
2,2-Dichloropropane
Concen: 20.284 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Instrument :
MSVOA_N
ClientSampleId :

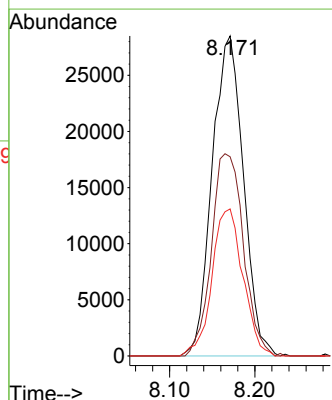
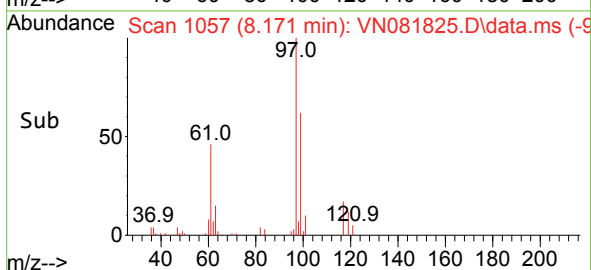
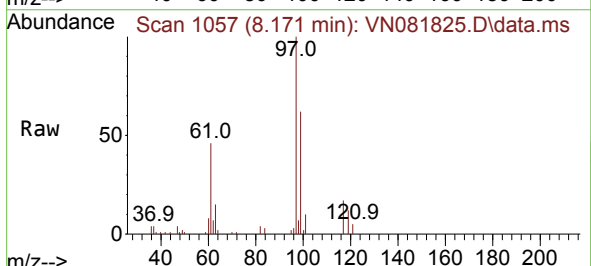


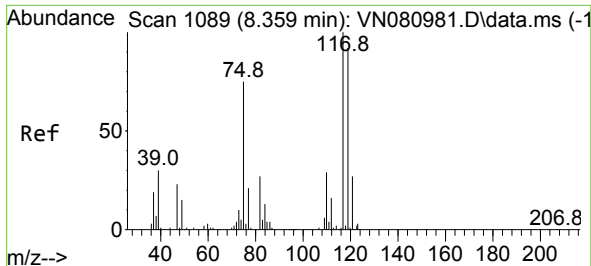
Tgt Ion: 77 Resp: 64745
Ion Ratio Lower Upper
77 100
97 22.7 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 20.545 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

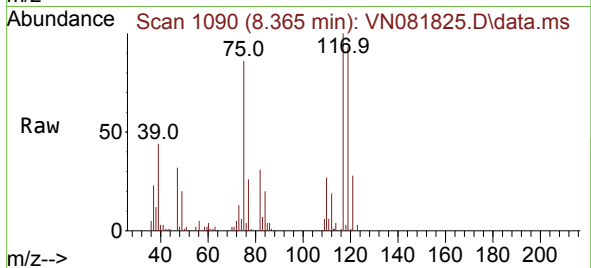
Tgt Ion: 97 Resp: 72562
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 45.6 33.8 50.8



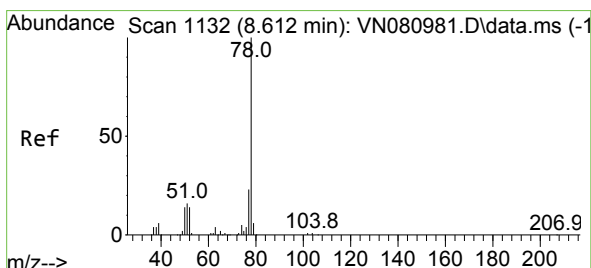
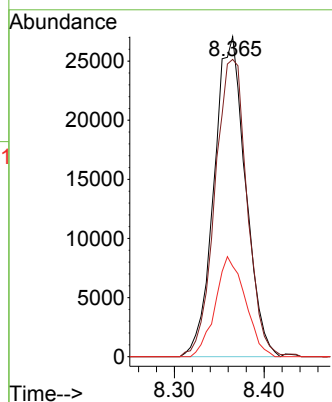
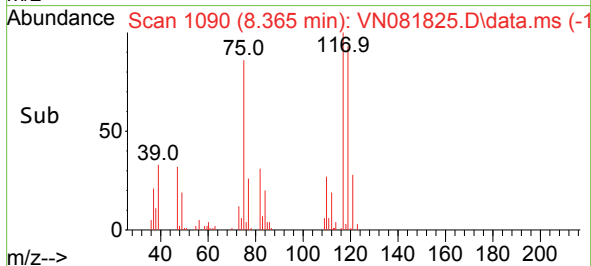


#33
Carbon Tetrachloride
Concen: 20.536 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Instrument :
MSVOA_N
ClientSampleId :

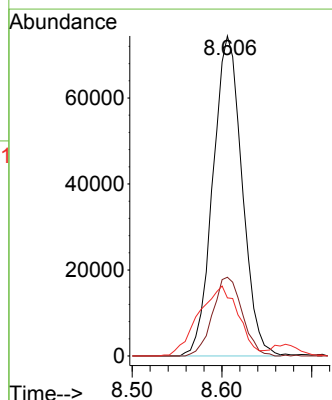
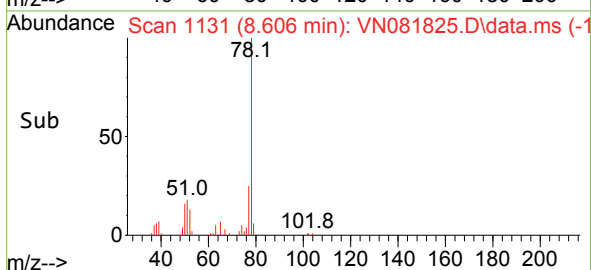
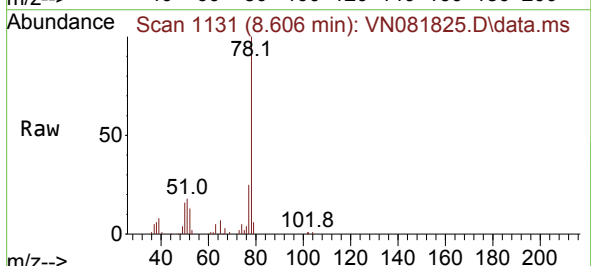


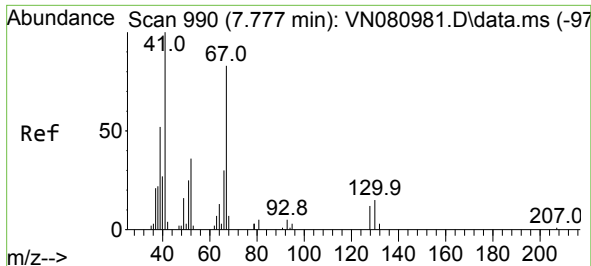
Tgt Ion:117 Resp: 65743
Ion Ratio Lower Upper
117 100
119 92.9 77.7 116.5
121 28.3 27.0 40.6



#34
Benzene
Concen: 20.311 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

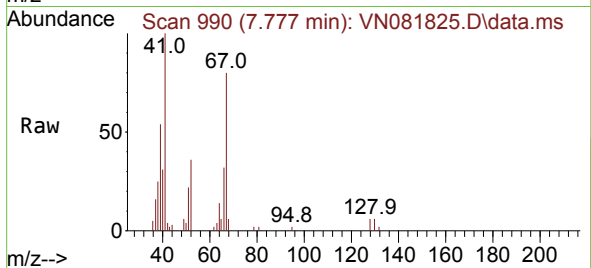
Tgt Ion: 78 Resp: 167663
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8
51 15.1 13.3 19.9



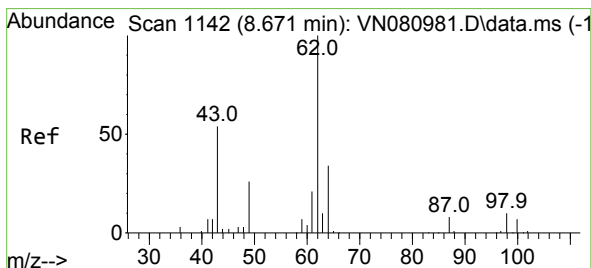
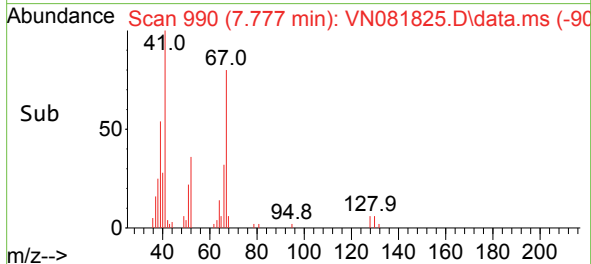
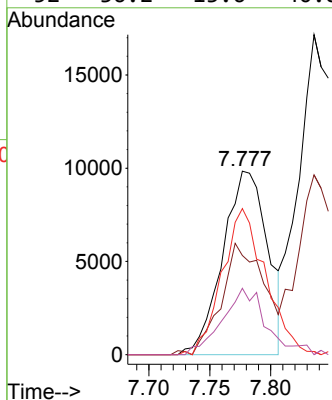


#35
Methacrylonitrile
Concen: 22.783 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Instrument :
MSVOA_N
ClientSampleId :

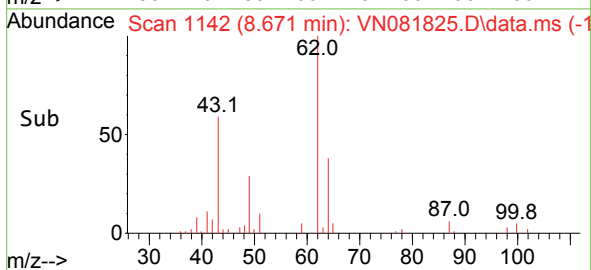
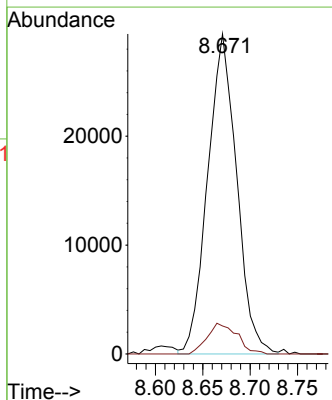
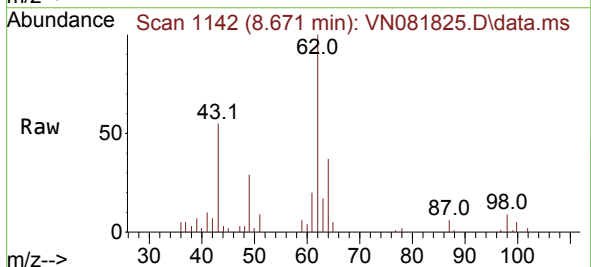


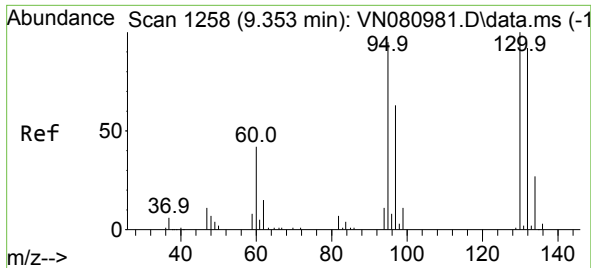
Tgt Ion: 41	Resp: 25256
Ion Ratio	Lower Upper
41 100	
39 51.9	25.3 75.9
67 79.6	38.7 116.1
52 36.2	13.6 40.8



#36
1,2-Dichloroethane
Concen: 23.118 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Tgt Ion: 62	Resp: 62595
Ion Ratio	Lower Upper
62 100	
98 9.9	8.2 12.4

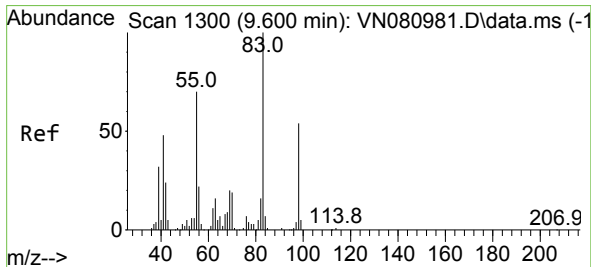
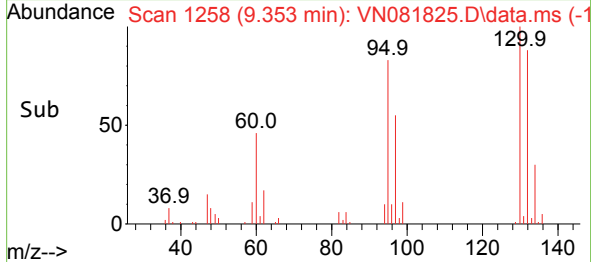
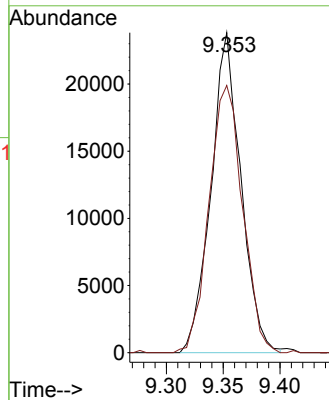
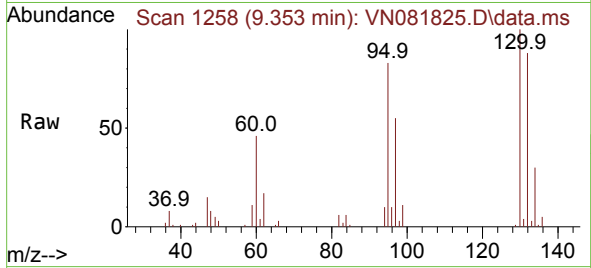




#37
Trichloroethene
Concen: 19.976 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

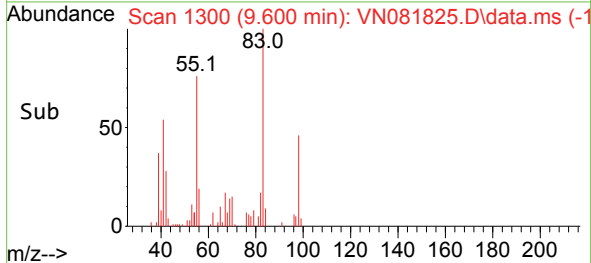
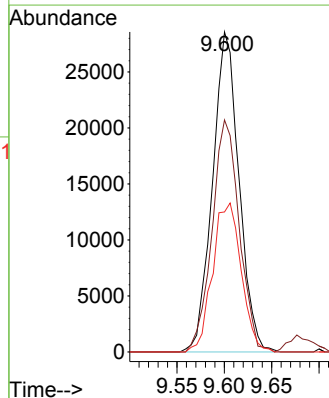
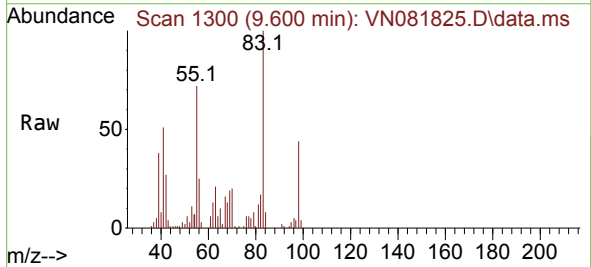
Instrument :
MSVOA_N
ClientSampleId :

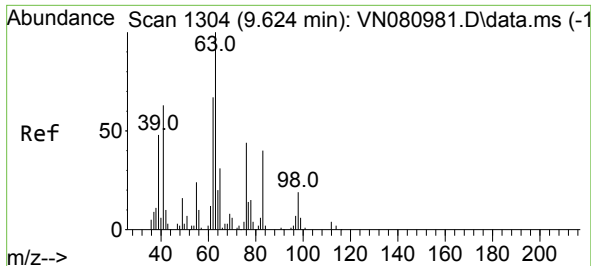
Tgt Ion:130 Resp: 43637
Ion Ratio Lower Upper
130 100
95 83.5 80.2 120.4



#38
Methylcyclohexane
Concen: 17.733 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Tgt Ion: 83 Resp: 55542
Ion Ratio Lower Upper
83 100
55 74.3 36.6 109.9
98 50.4 23.8 71.5





#39

1,2-Dichloropropane

Concen: 21.700 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081825.D

Acq: 22 Apr 2024 13:55

Instrument :

MSVOA_N

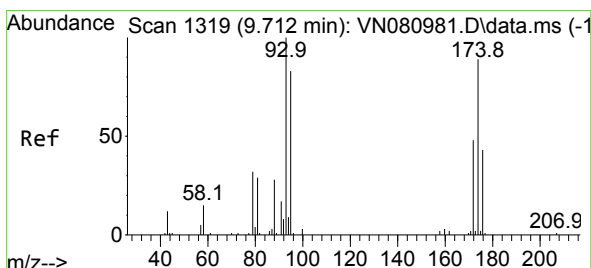
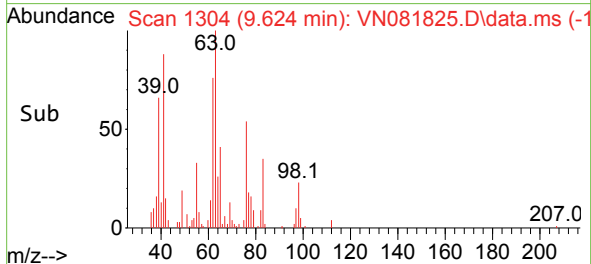
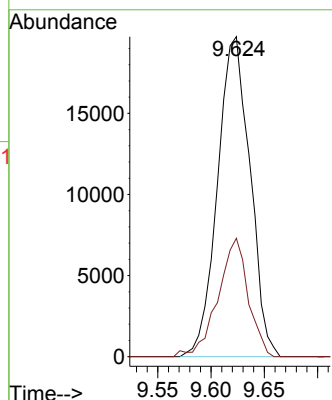
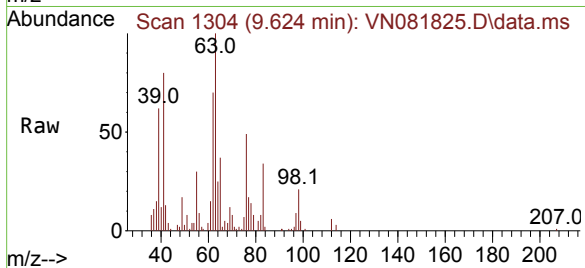
ClientSampleId :

Tgt Ion: 63 Resp: 41790

Ion Ratio Lower Upper

63 100

65 37.0 25.0 37.4



#40

Dibromomethane

Concen: 22.126 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081825.D

Acq: 22 Apr 2024 13:55

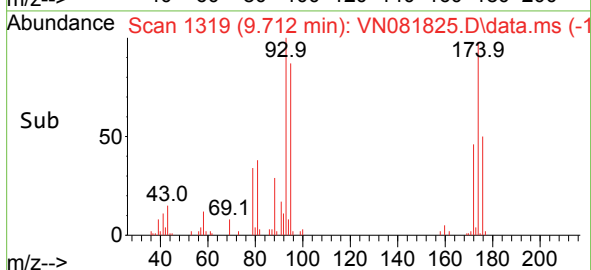
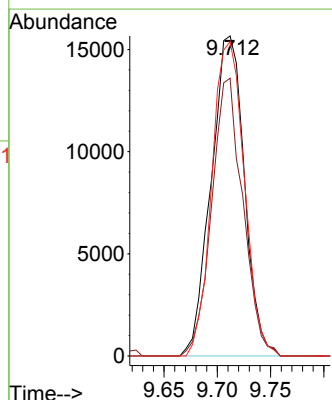
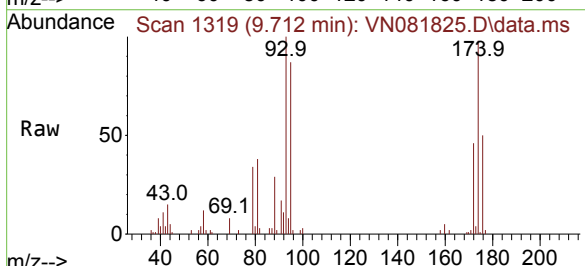
Tgt Ion: 93 Resp: 33943

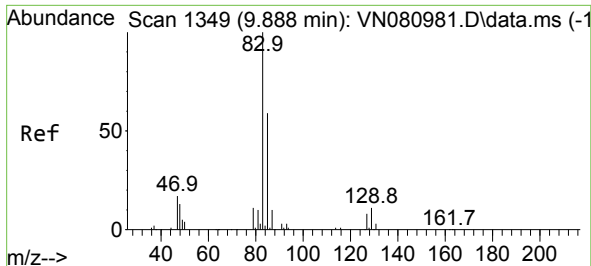
Ion Ratio Lower Upper

93 100

95 81.4 0.0 164.6

174 95.6 0.0 193.2

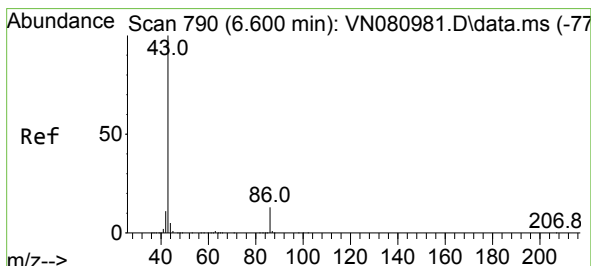
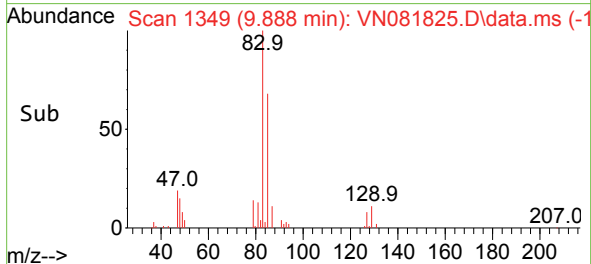
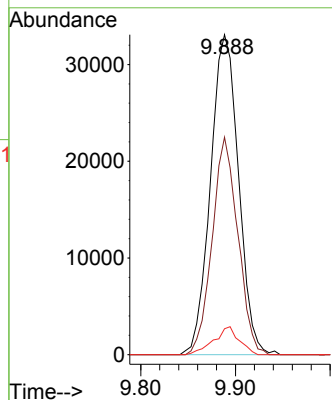
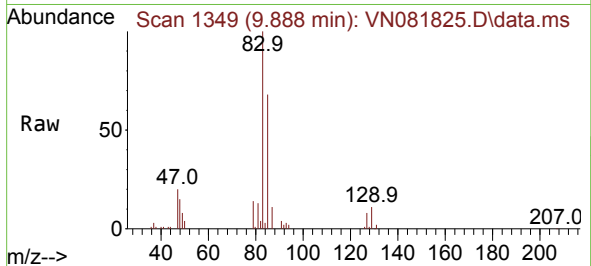




#41
Bromodichloromethane
Concen: 21.746 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

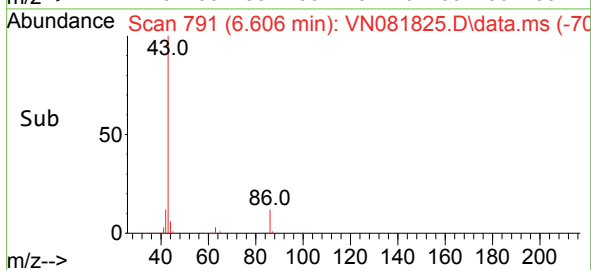
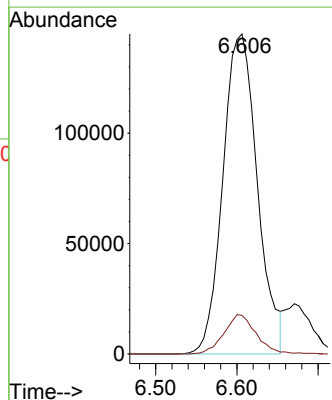
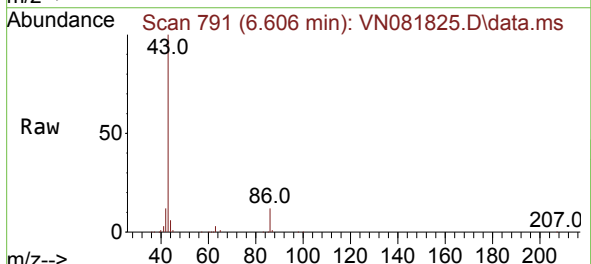
Instrument :
MSVOA_N
ClientSampleId :

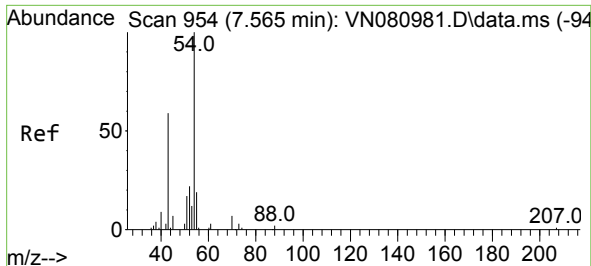
Tgt Ion: 83 Resp: 68027
Ion Ratio Lower Upper
83 100
85 67.9 49.4 74.2
127 8.1 7.3 10.9



#42
Vinyl Acetate
Concen: 105.101 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Tgt Ion: 43 Resp: 428494
Ion Ratio Lower Upper
43 100
86 11.4 9.4 14.2

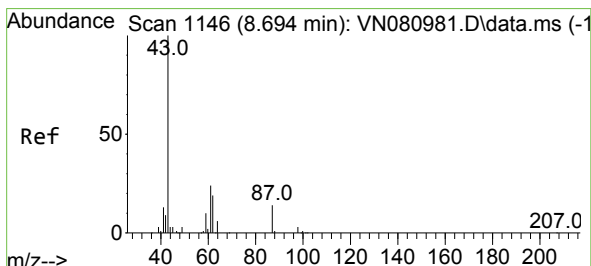
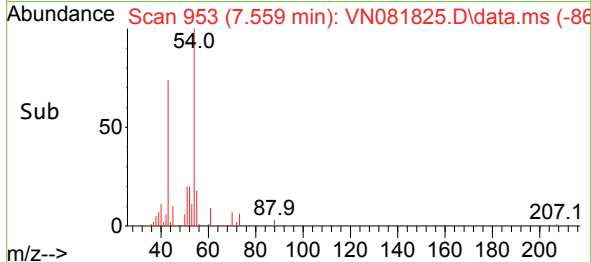
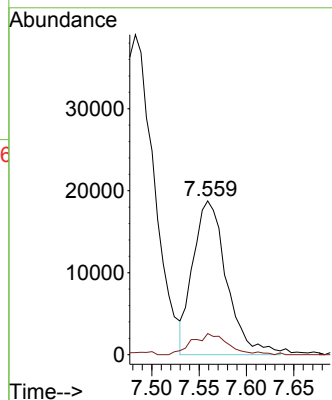
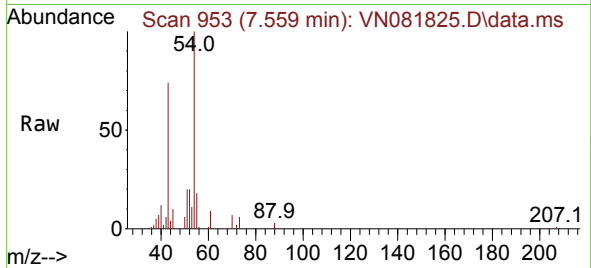




#43
Ethyl Acetate
Concen: 21.468 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

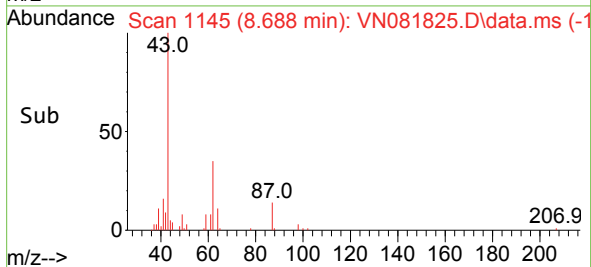
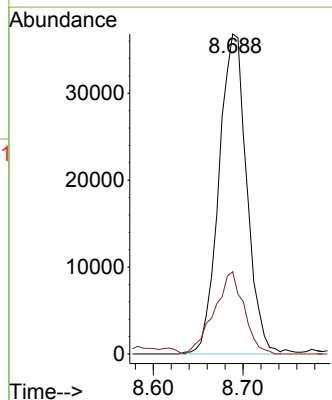
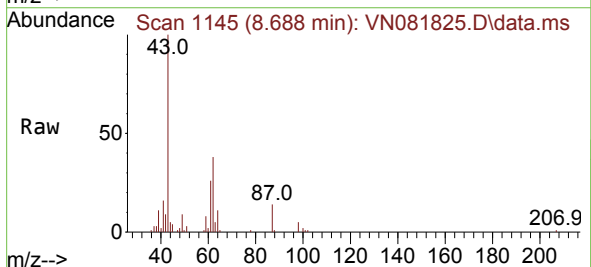
Instrument :
MSVOA_N
ClientSampleId :

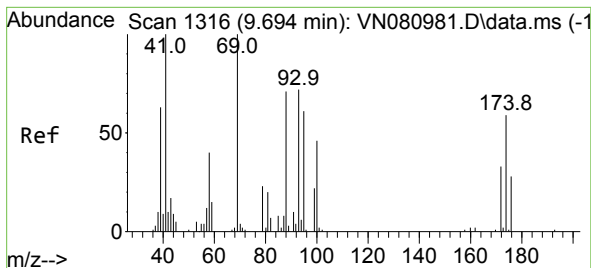
Tgt Ion: 43 Resp: 46303
Ion Ratio Lower Upper
43 100
45 8.7 10.6 15.8#



#44
Isopropyl Acetate
Concen: 21.899 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Tgt Ion: 43 Resp: 79143
Ion Ratio Lower Upper
43 100
61 27.4 25.0 37.4





#45

1,4-Dioxane

Concen: 337.138 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081825.D

Acq: 22 Apr 2024 13:55

Instrument :

MSVOA_N

ClientSampleId :

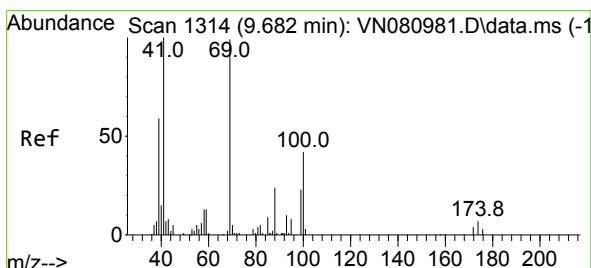
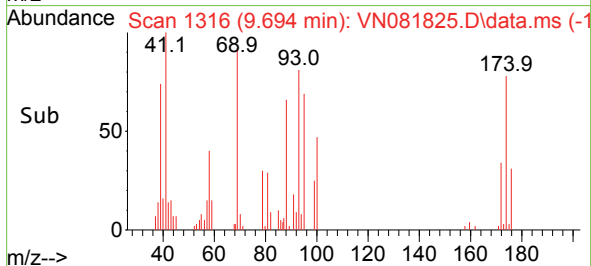
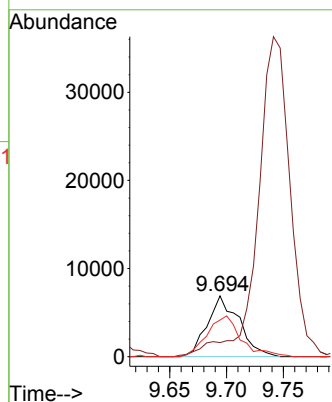
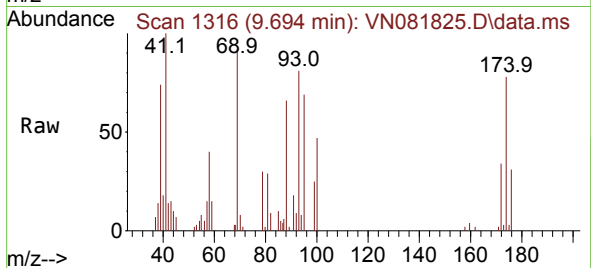
Tgt Ion: 88 Resp: 13450

Ion Ratio Lower Upper

88 100

43 17.8 19.8 29.6#

58 66.0 55.4 83.0



#46

Methyl methacrylate

Concen: 22.681 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN081825.D

Acq: 22 Apr 2024 13:55

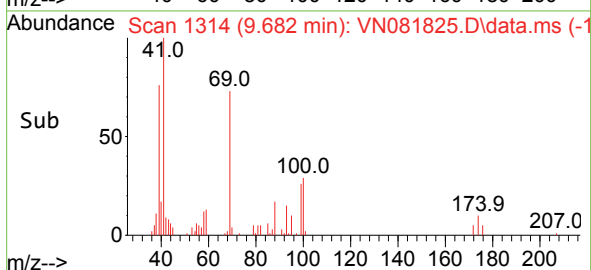
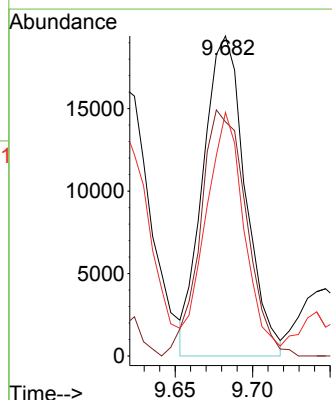
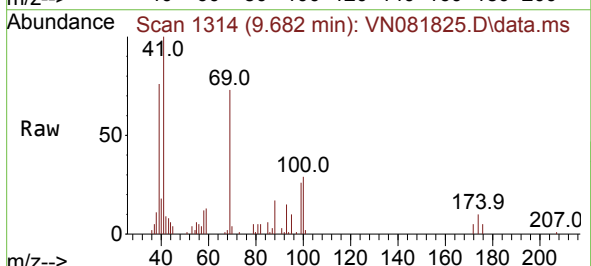
Tgt Ion: 41 Resp: 36861

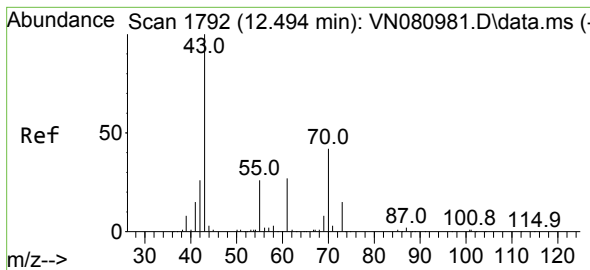
Ion Ratio Lower Upper

41 100

69 74.6 51.1 153.3

39 76.7 25.8 77.3

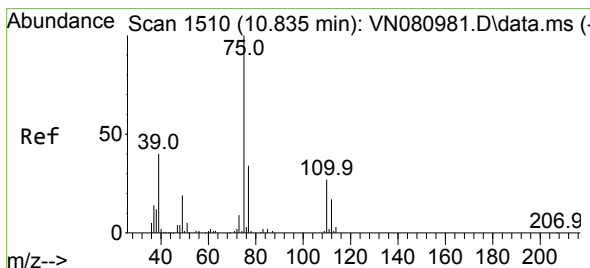
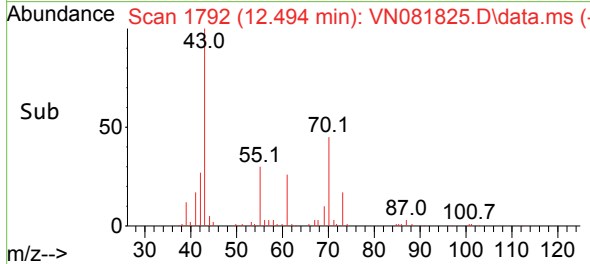
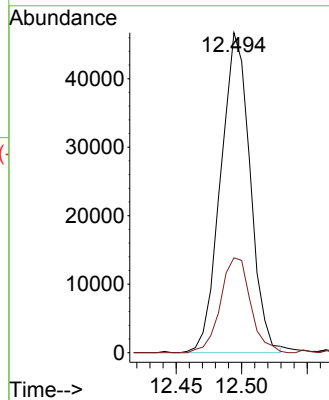
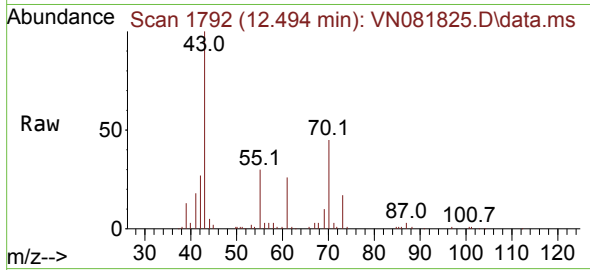




#47
n-amyl acetate
Concen: 22.463 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

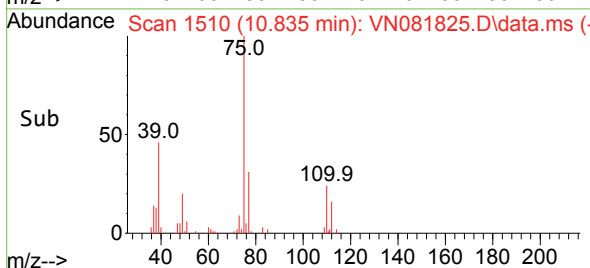
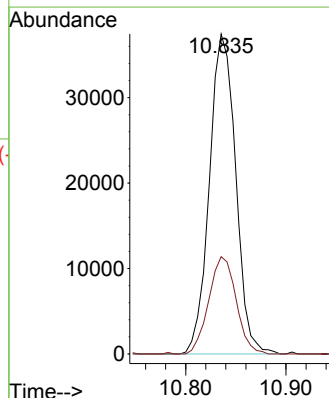
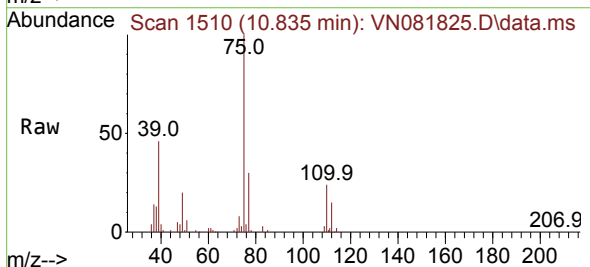
Instrument :
MSVOA_N
ClientSampleId :

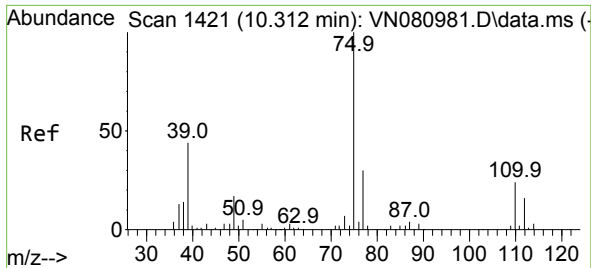
Tgt Ion: 43 Resp: 72844
Ion Ratio Lower Upper
43 100
55 30.3 23.4 35.2



#48
t-1,3-Dichloropropene
Concen: 22.896 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

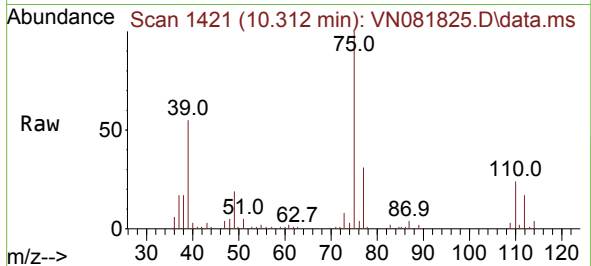
Tgt Ion: 75 Resp: 68240
Ion Ratio Lower Upper
75 100
77 30.4 23.8 35.6



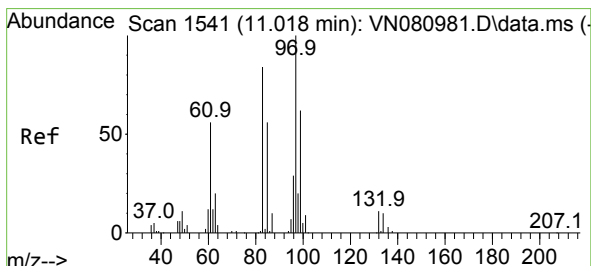
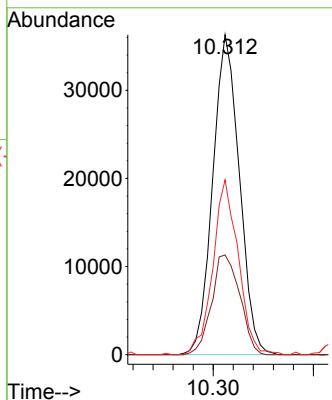
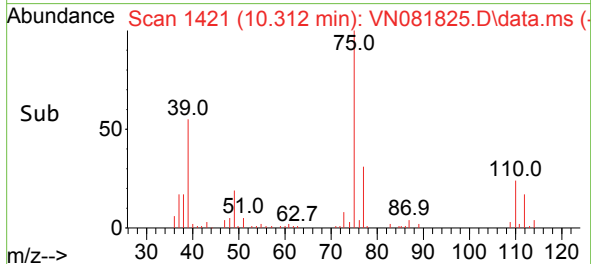


#49
 cis-1,3-Dichloropropene
 Concen: 20.865 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN081825.D
 Acq: 22 Apr 2024 13:55

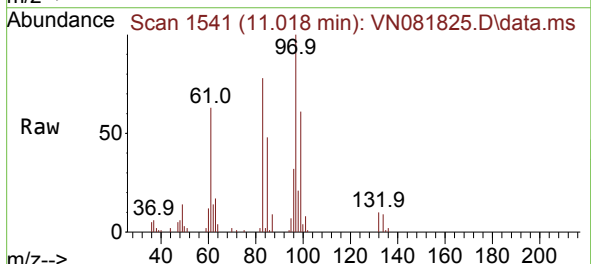
Instrument :
 MSVOA_N
 ClientSampleId :



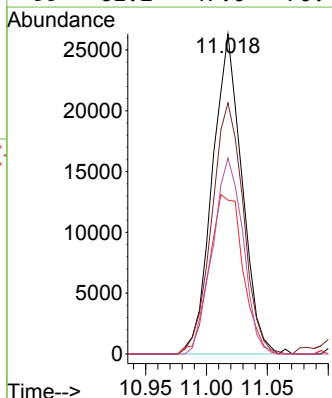
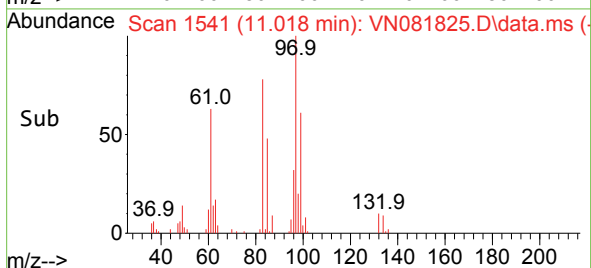
Tgt Ion: 75 Resp: 66967
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.9 37.3
 39 54.6 31.0 46.6#

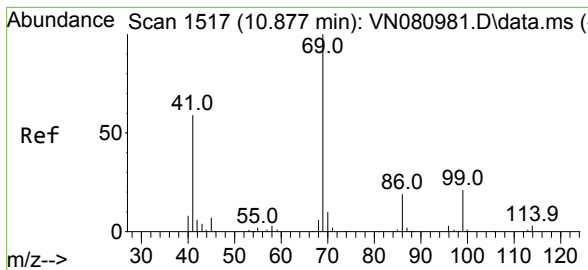


#50
 1,1,2-Trichloroethane
 Concen: 21.682 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN081825.D
 Acq: 22 Apr 2024 13:55



Tgt Ion: 97 Resp: 44537
 Ion Ratio Lower Upper
 97 100
 83 78.4 68.1 102.1
 85 48.0 41.8 62.6
 99 61.2 47.0 70.4

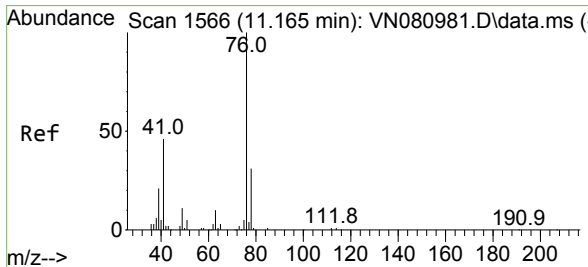
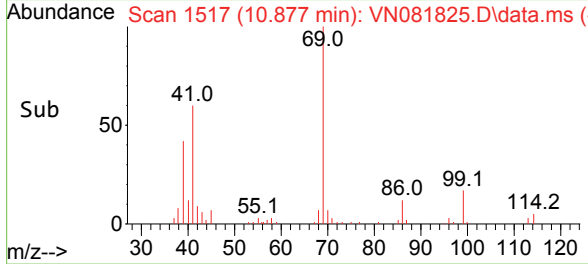
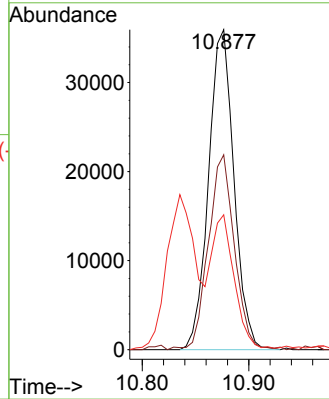
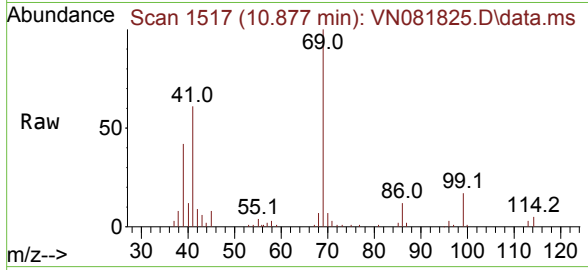




#51
Ethyl methacrylate
Concen: 20.850 ug/l
RT: 10.877 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

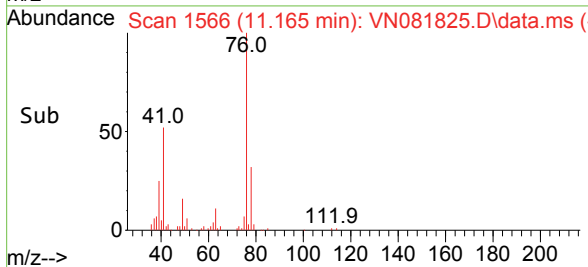
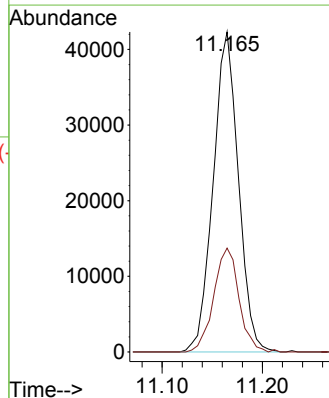
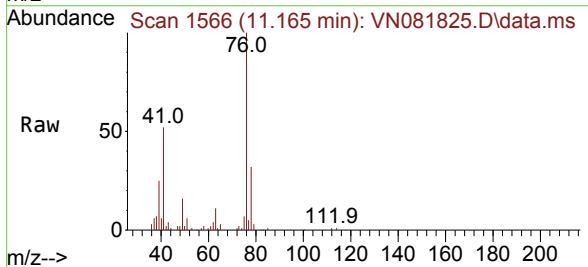
Instrument :
MSVOA_N
ClientSampleId :

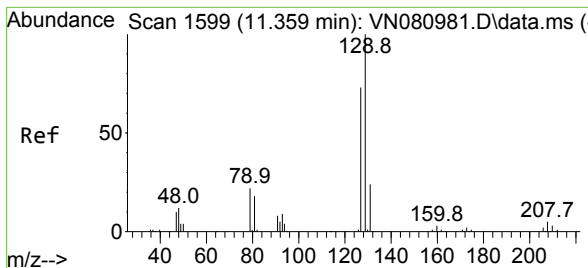
Tgt Ion: 69 Resp: 59635
Ion Ratio Lower Upper
69 100
41 60.2 25.5 76.5
39 41.5 16.0 47.9



#52
1,3-Dichloropropane
Concen: 21.931 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Tgt Ion: 76 Resp: 73840
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.8





#53

Dibromochloromethane

Concen: 22.591 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN081825.D

Acq: 22 Apr 2024 13:55

Instrument :

MSVOA_N

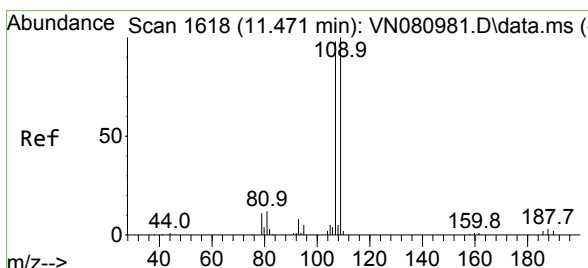
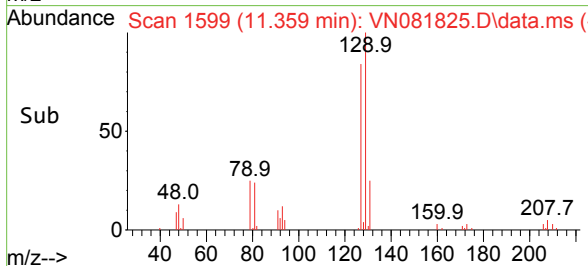
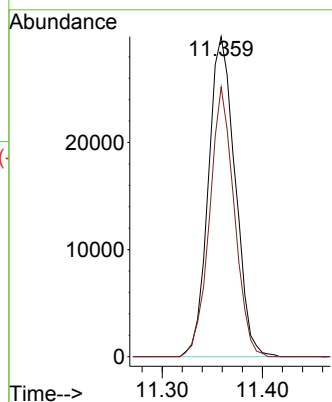
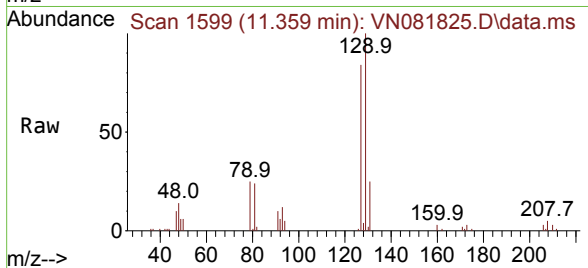
ClientSampleId :

Tgt Ion:129 Resp: 55433

Ion Ratio Lower Upper

129 100

127 77.8 39.4 118.1



#54

1,2-Dibromoethane

Concen: 21.652 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VN081825.D

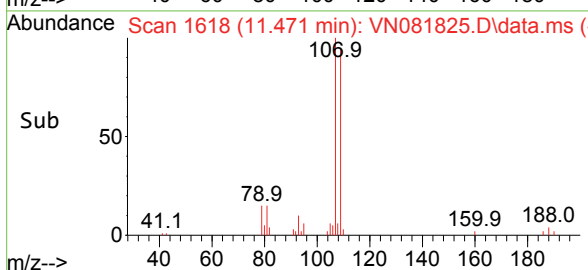
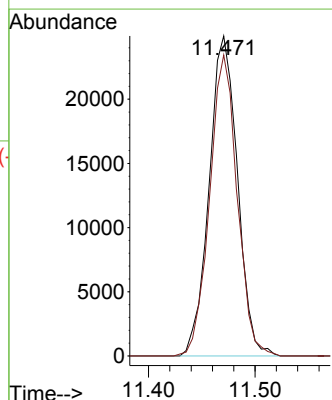
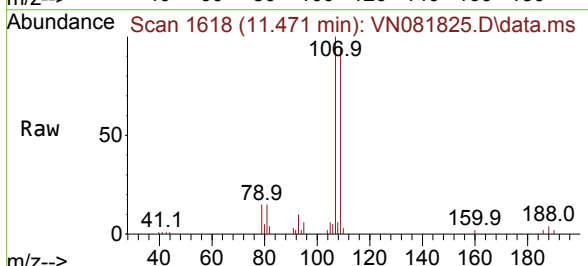
Acq: 22 Apr 2024 13:55

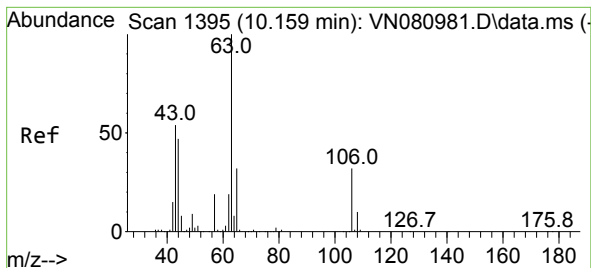
Tgt Ion:107 Resp: 45972

Ion Ratio Lower Upper

107 100

109 91.5 74.7 112.1

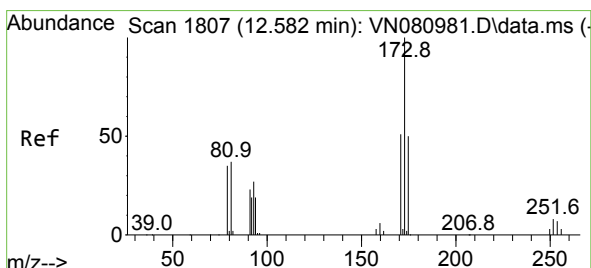
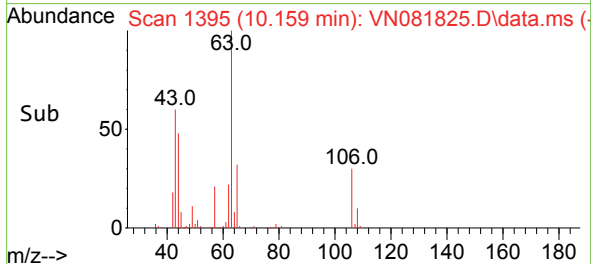
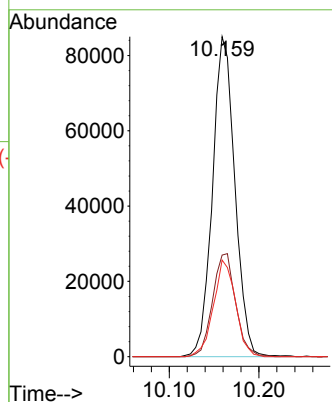
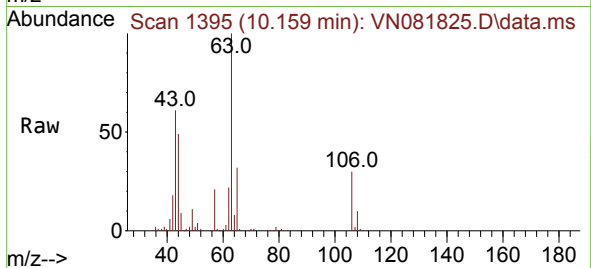




#55
2-Chloroethyl vinyl ether
Concen: 104.917 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

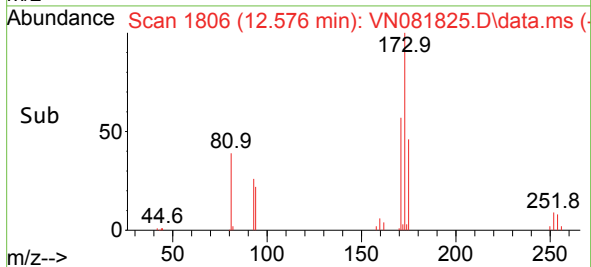
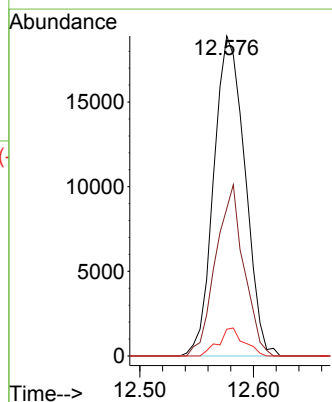
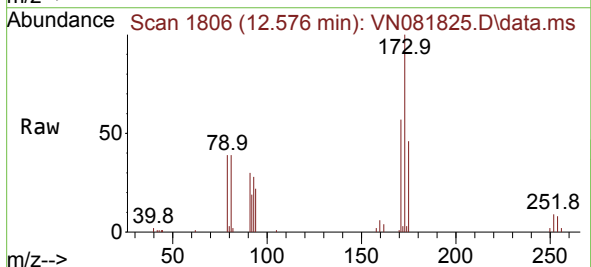
Instrument :
MSVOA_N
ClientSampleId :

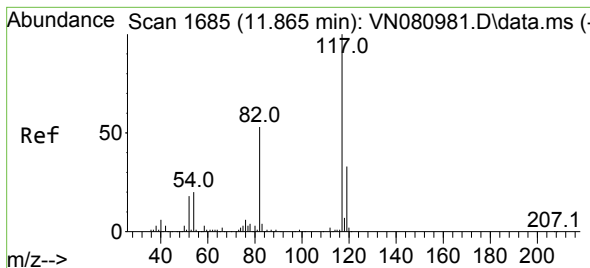
Tgt Ion: 63 Resp: 147360
Ion Ratio Lower Upper
63 100
65 33.0 26.2 39.2
106 29.7 23.8 35.8



#56
Bromoform
Concen: 22.985 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

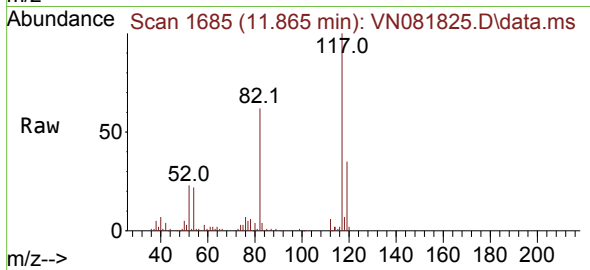
Tgt Ion:173 Resp: 36063
Ion Ratio Lower Upper
173 100
175 48.5 40.0 60.0
254 7.1 8.3 12.5#



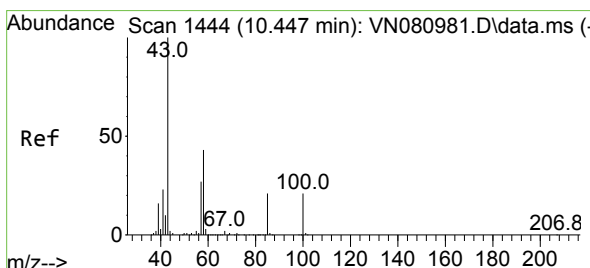
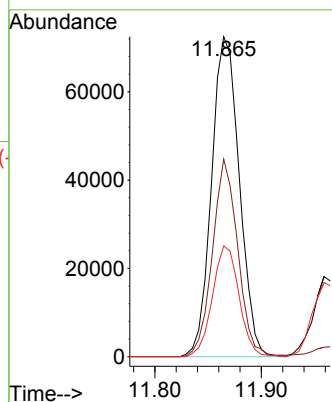
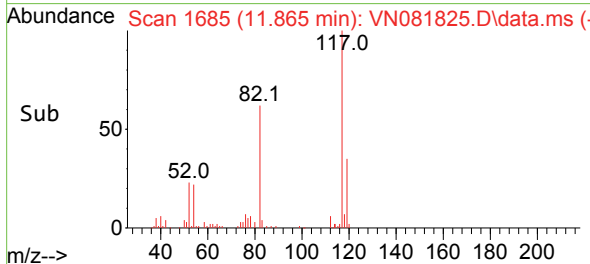


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Instrument :
MSVOA_N
ClientSampleId :

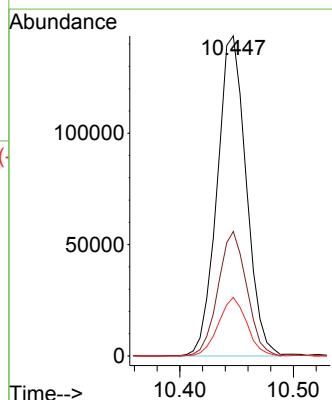
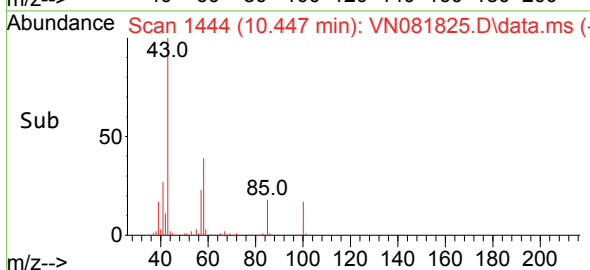
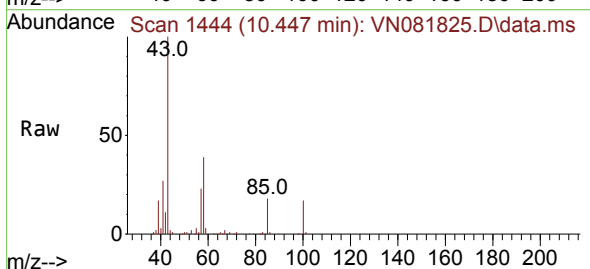


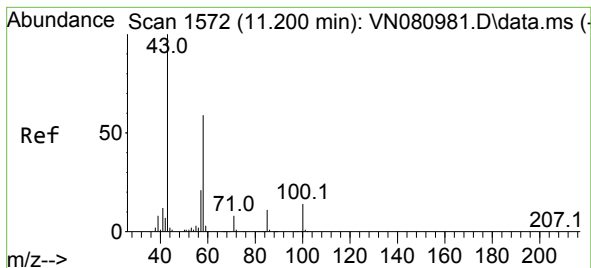
Tgt Ion:117 Resp: 131310
Ion Ratio Lower Upper
117 100
82 56.0 46.6 69.8
119 33.0 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 113.279 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

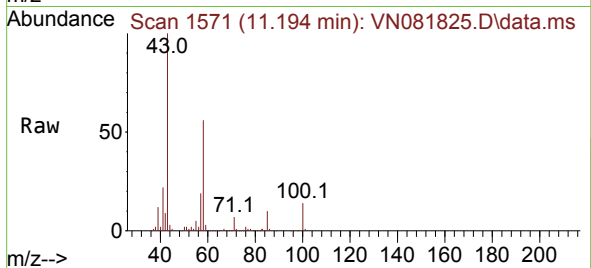
Tgt Ion: 43 Resp: 255800
Ion Ratio Lower Upper
43 100
58 38.3 36.5 54.7
85 17.9 19.5 29.3



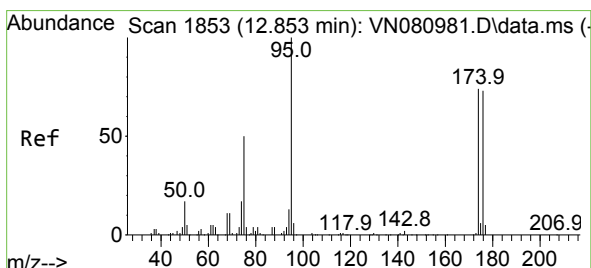
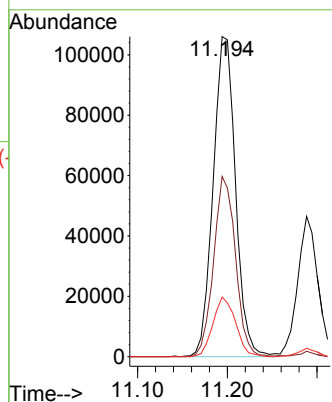
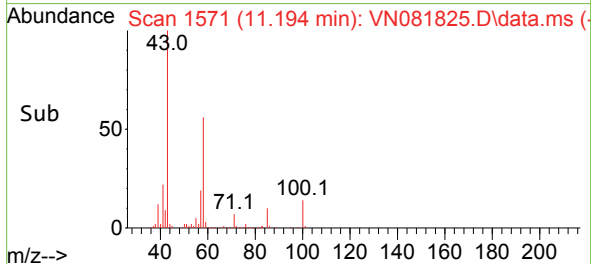


#59
2-Hexanone
Concen: 108.410 ug/l
RT: 11.194 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Instrument :
MSVOA_N
ClientSampleId :

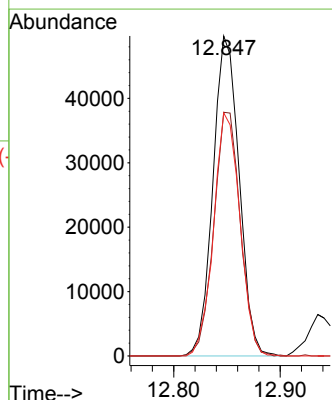
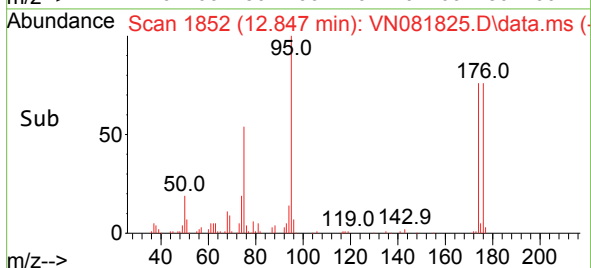
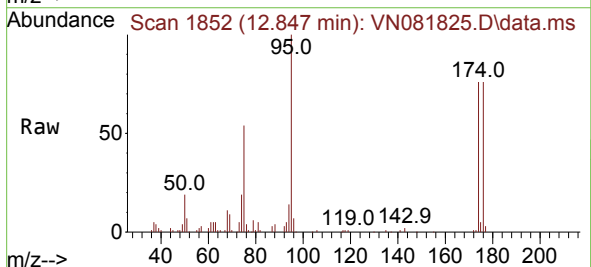


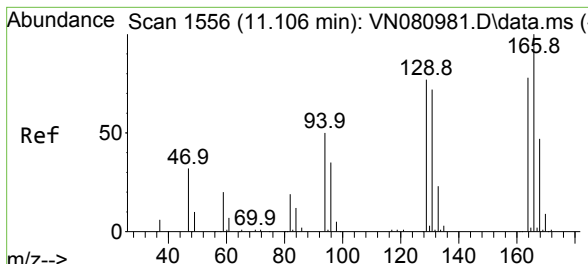
Tgt Ion: 43 Resp: 183851
Ion Ratio Lower Upper
43 100
58 55.0 50.4 75.6
57 18.8 18.6 27.8



#60
4-Bromofluorobenzene
Concen: 32.759 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Tgt Ion: 95 Resp: 84571
Ion Ratio Lower Upper
95 100
174 77.2 60.5 90.7
176 76.3 57.8 86.6



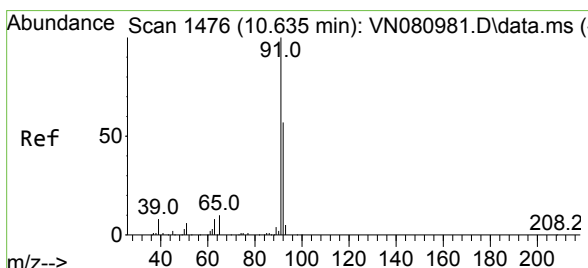
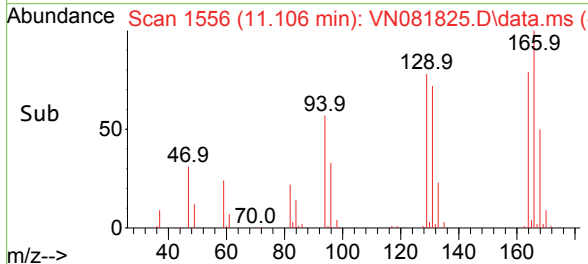
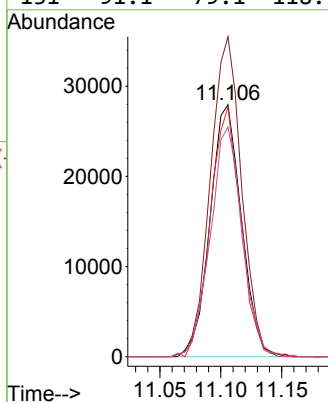
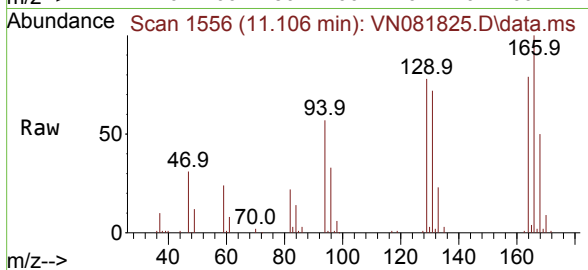


#61
Tetrachloroethene
Concen: 20.527 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:164 Resp: 49944

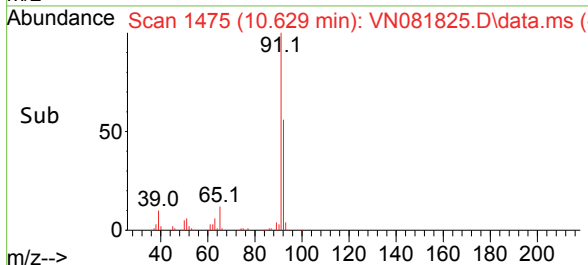
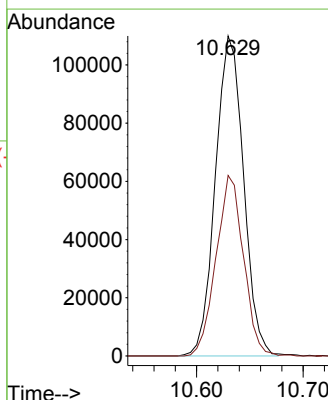
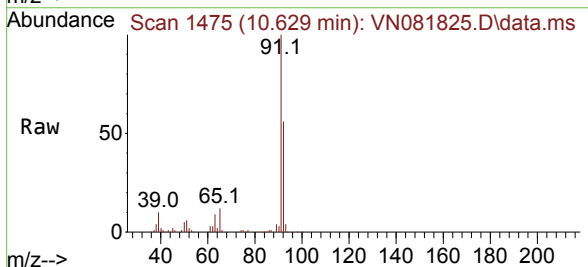
Ion	Ratio	Lower	Upper
164	100		
166	126.1	106.7	160.1
129	97.7	85.8	128.6
131	91.1	79.1	118.7

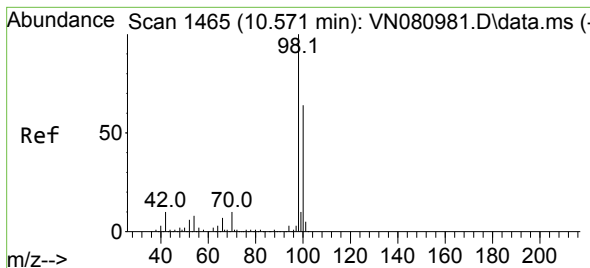


#62
Toluene
Concen: 21.134 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Tgt Ion: 91 Resp: 201894

Ion	Ratio	Lower	Upper
91	100		
92	54.9	46.5	69.7





#63

Toluene-d8

Concen: 31.081 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN081825.D

Acq: 22 Apr 2024 13:55

Instrument :

MSVOA_N

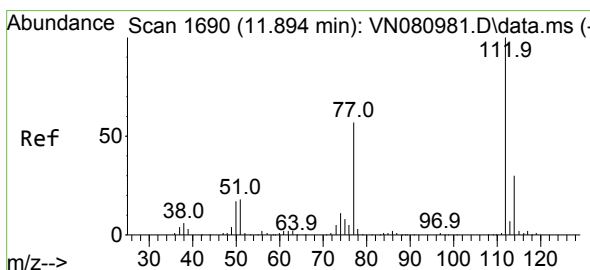
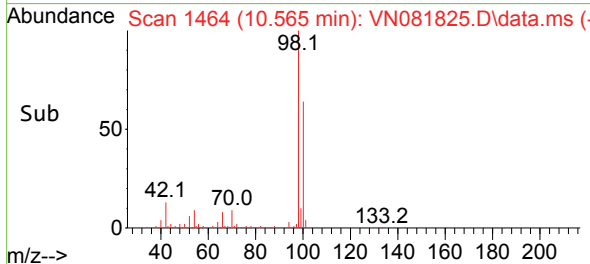
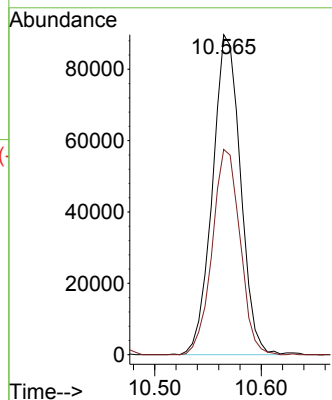
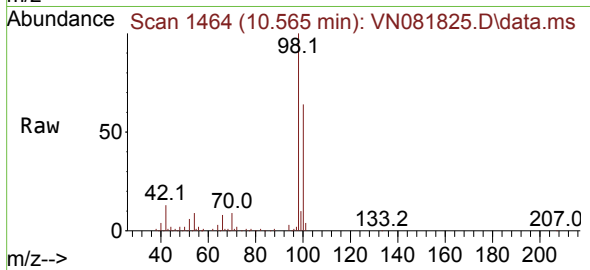
ClientSampleId :

Tgt Ion: 98 Resp: 163709

Ion Ratio Lower Upper

98 100

100 63.6 52.7 79.1



#64

Chlorobenzene

Concen: 21.237 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN081825.D

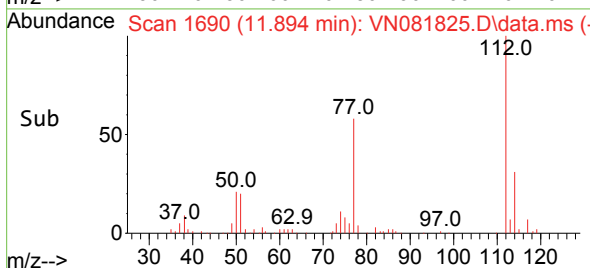
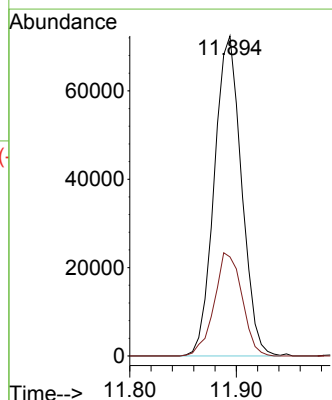
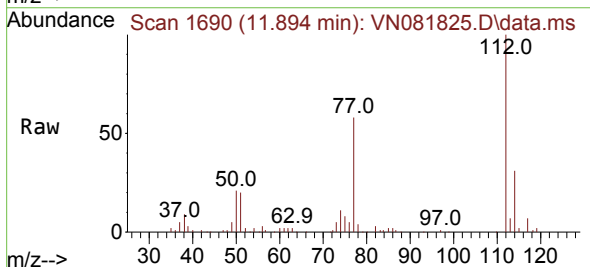
Acq: 22 Apr 2024 13:55

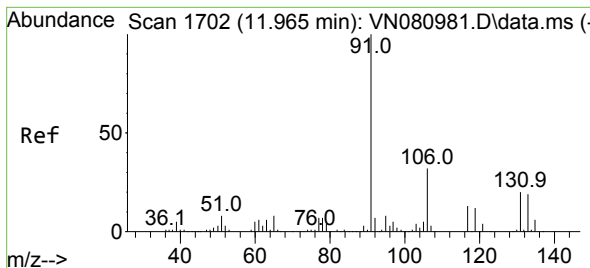
Tgt Ion: 112 Resp: 128647

Ion Ratio Lower Upper

112 100

114 31.0 26.6 39.8

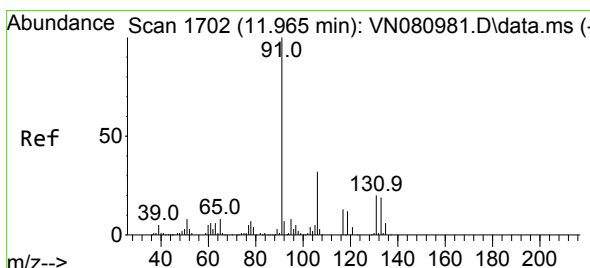
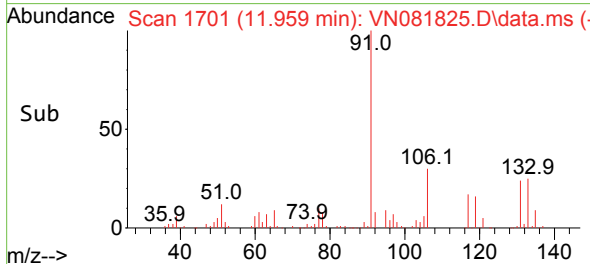
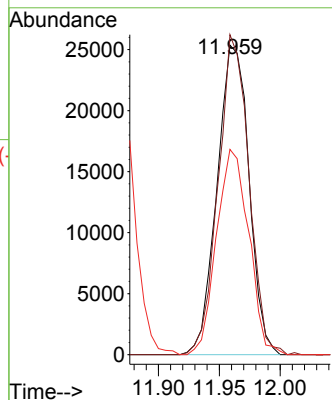
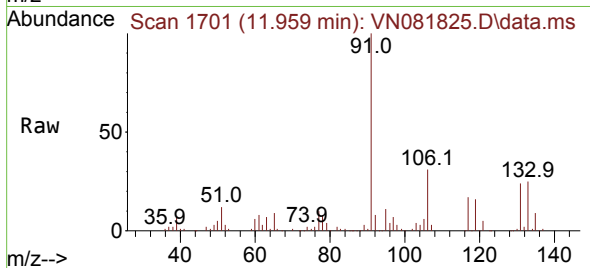




#65
1,1,1,2-Tetrachloroethane
Concen: 21.082 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

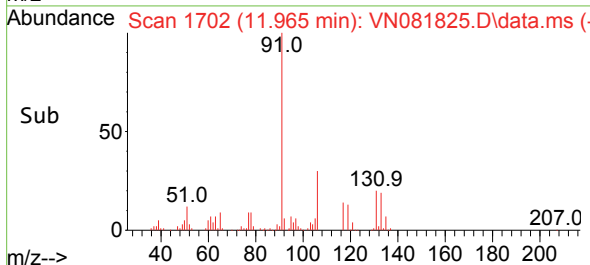
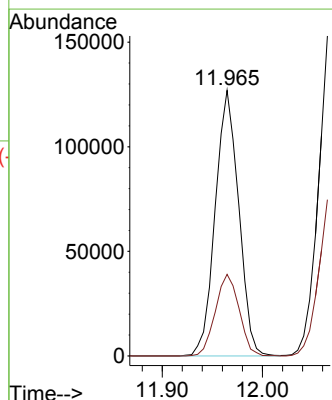
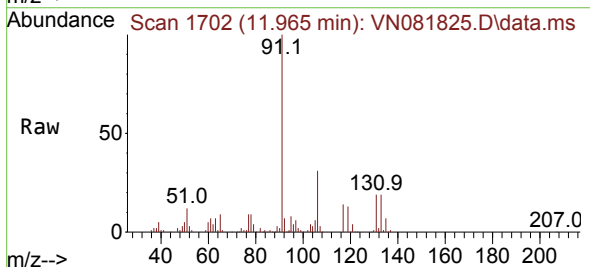
Instrument :
MSVOA_N
ClientSampleId :

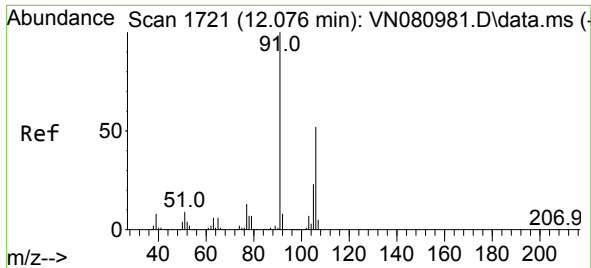
Tgt Ion:131 Resp: 46390
Ion Ratio Lower Upper
131 100
133 98.8 0.0 188.0
119 66.9 0.0 122.8



#66
Ethyl Benzene
Concen: 20.310 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Tgt Ion: 91 Resp: 206288
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6

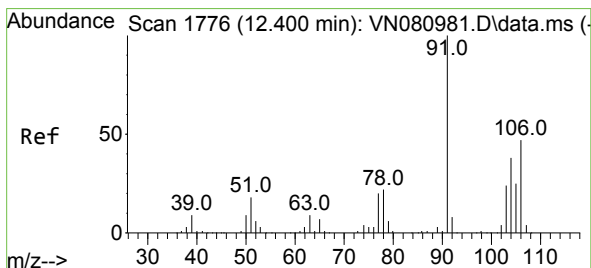
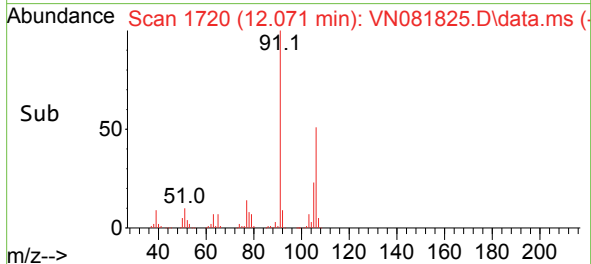
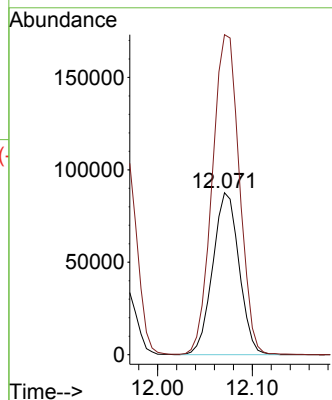
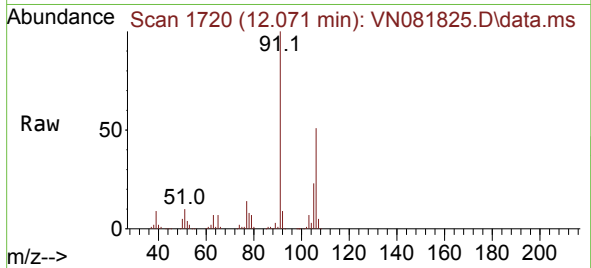




#67
m/p-Xylenes
Concen: 42.122 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

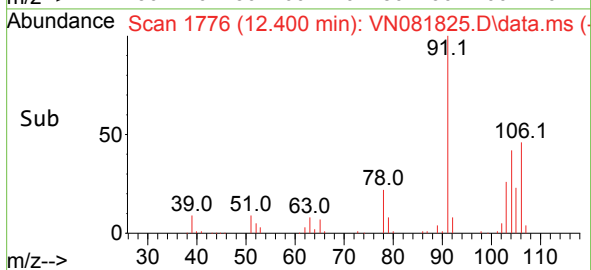
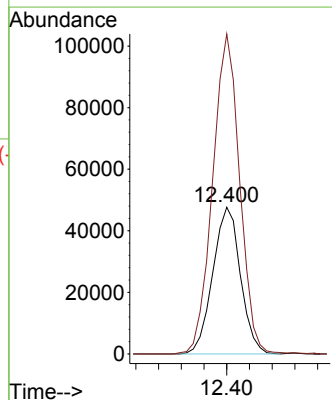
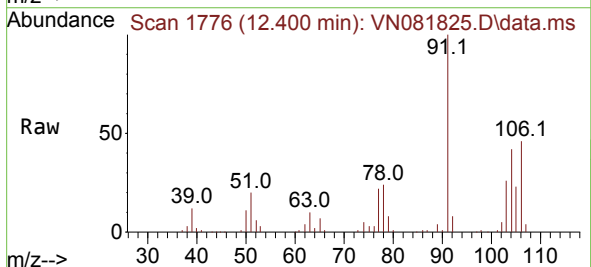
Instrument :
MSVOA_N
ClientSampleId :

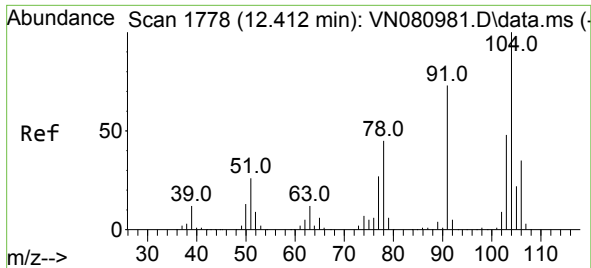
Tgt Ion:106 Resp: 169468
Ion Ratio Lower Upper
106 100
91 203.5 166.6 249.8



#68
o-Xylene
Concen: 21.079 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Tgt Ion:106 Resp: 80508
Ion Ratio Lower Upper
106 100
91 213.0 110.0 330.0

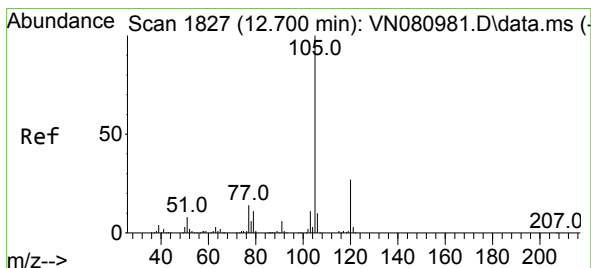
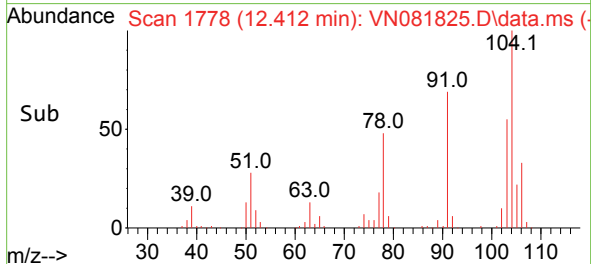
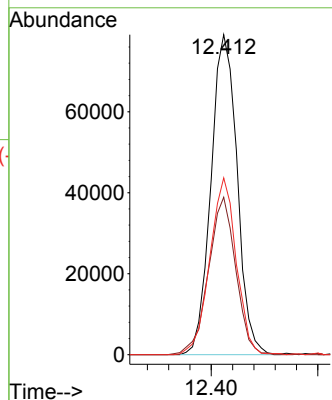
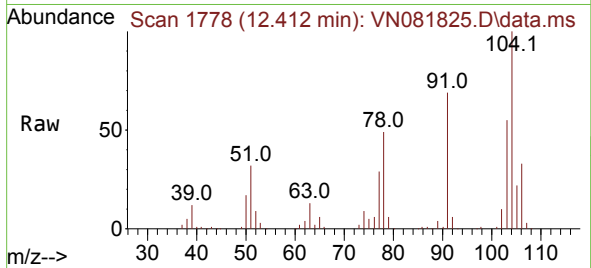




#69
Styrene
Concen: 20.723 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

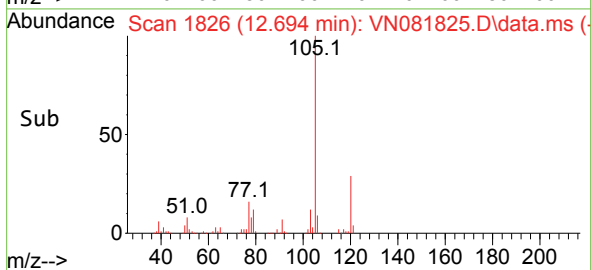
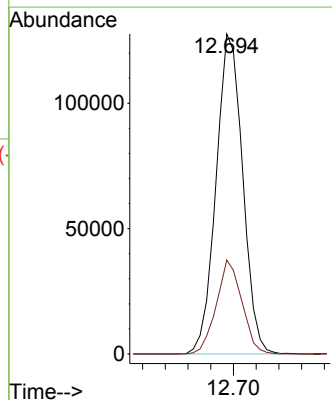
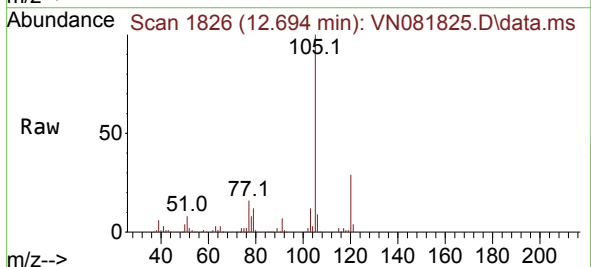
Instrument :
MSVOA_N
ClientSampleId :

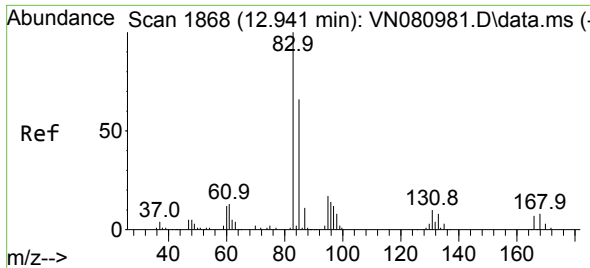
Tgt Ion:104 Resp: 134794
Ion Ratio Lower Upper
104 100
78 51.1 42.6 64.0
103 55.7 43.7 65.5



#70
Isopropylbenzene
Concen: 21.086 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Tgt Ion:105 Resp: 207765
Ion Ratio Lower Upper
105 100
120 28.2 17.8 33.1

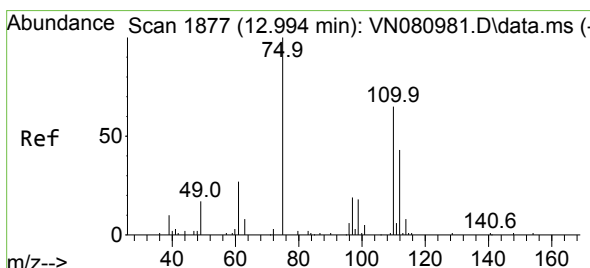
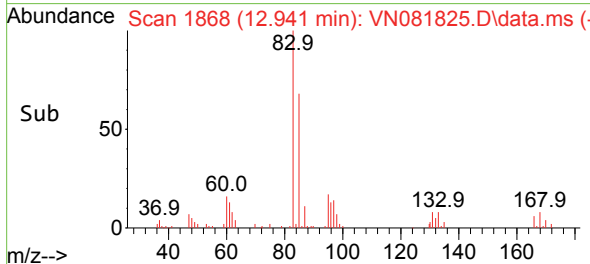
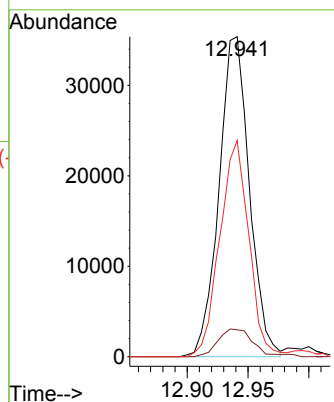
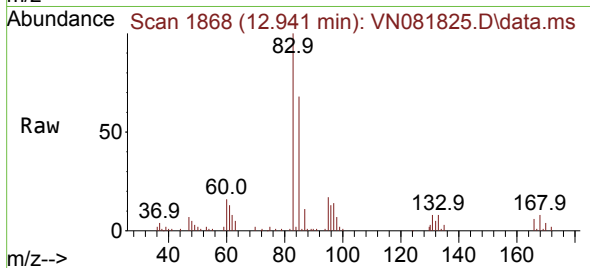




#71
 1,1,2,2-Tetrachloroethane
 Concen: 23.890 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN081825.D
 Acq: 22 Apr 2024 13:55

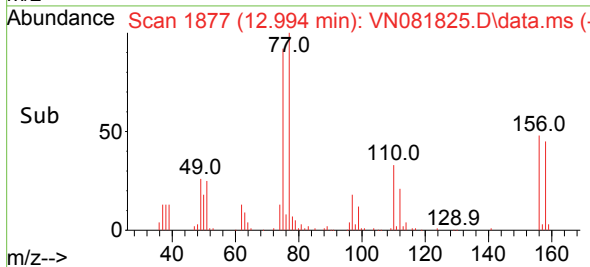
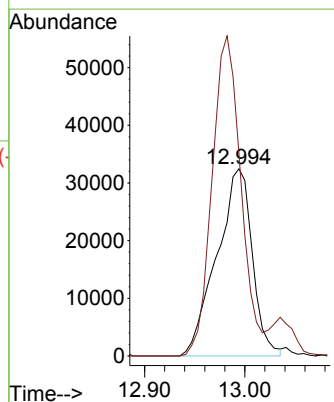
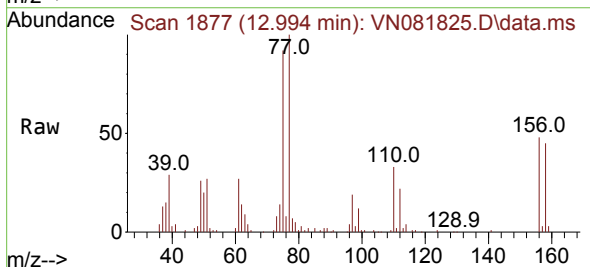
Instrument :
 MSVOA_N
 ClientSampleId :

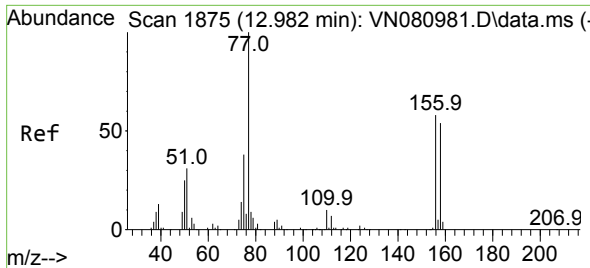
Tgt Ion: 83 Resp: 61490
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.2 15.6
 85 64.7 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 33.415 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN081825.D
 Acq: 22 Apr 2024 13:55

Tgt Ion: 75 Resp: 79627
 Ion Ratio Lower Upper
 75 100
 77 138.7 0.0 367.6

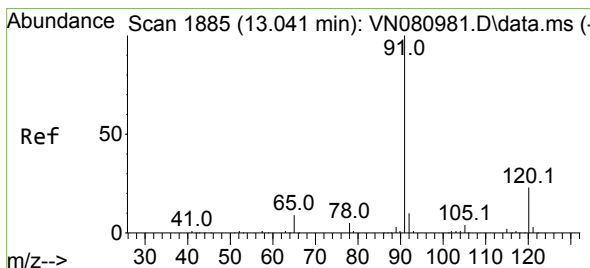
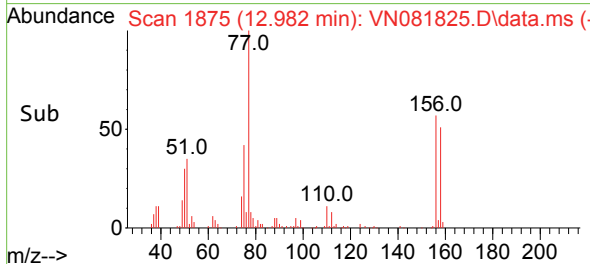
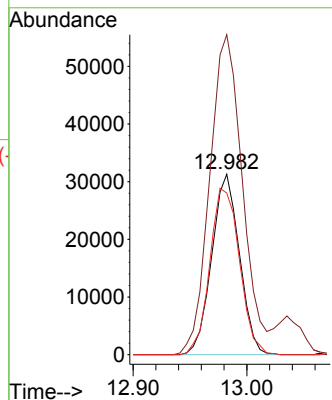
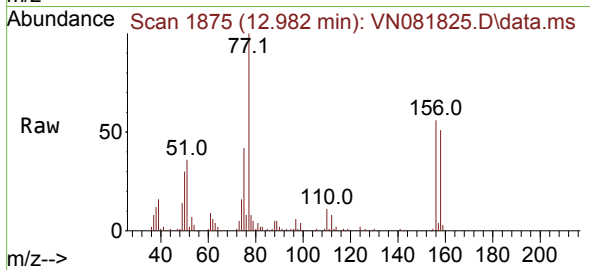




#73
Bromobenzene
Concen: 21.684 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

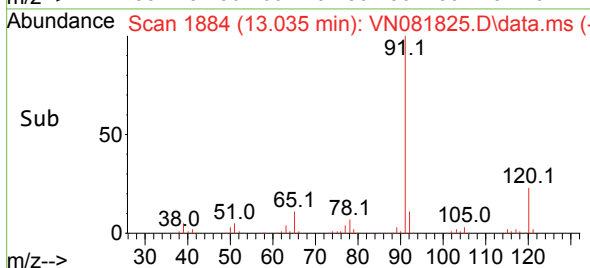
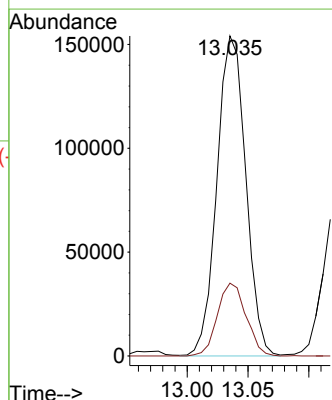
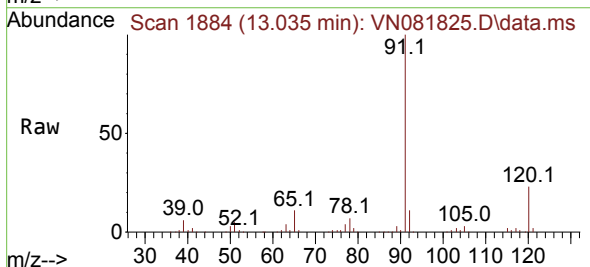
Instrument :
MSVOA_N
ClientSampleId :

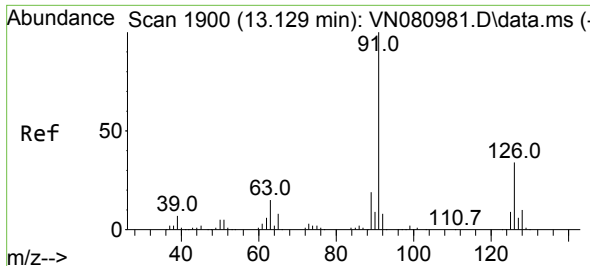
Tgt Ion:156 Resp: 52943
Ion Ratio Lower Upper
156 100
77 208.6 0.0 437.6
158 98.8 0.0 203.8



#74
n-propylbenzene
Concen: 21.545 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

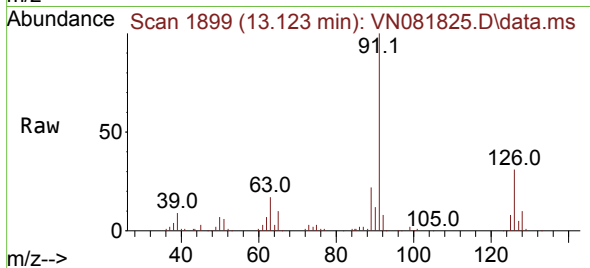
Tgt Ion: 91 Resp: 254116
Ion Ratio Lower Upper
91 100
120 22.5 0.0 43.8



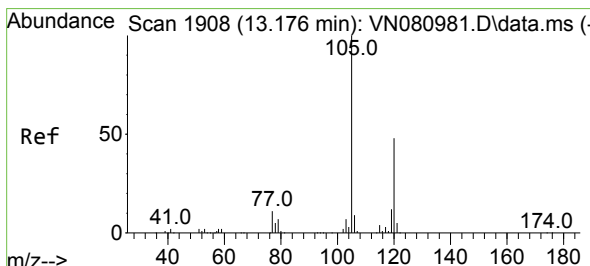
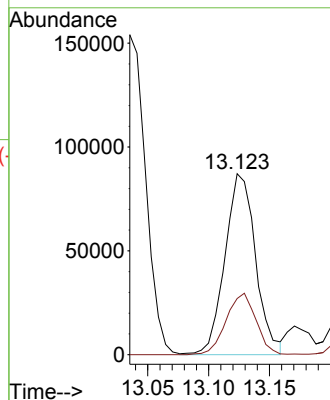
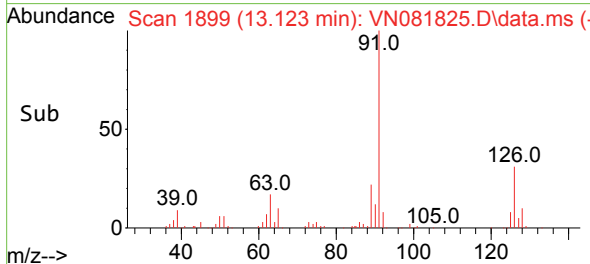


#75
2-Chlorotoluene
Concen: 21.761 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Instrument :
MSVOA_N
ClientSampleId :

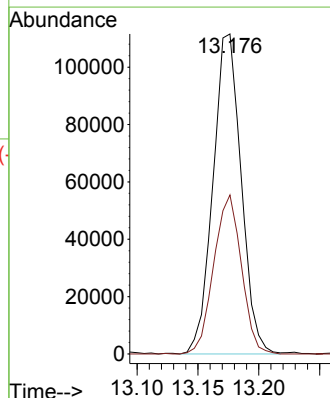
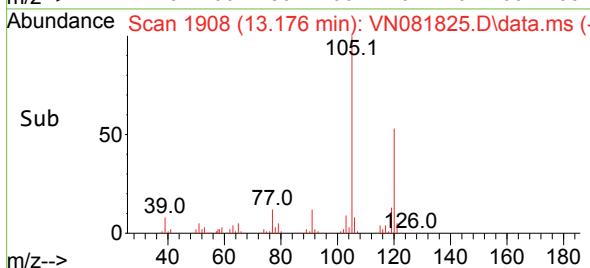
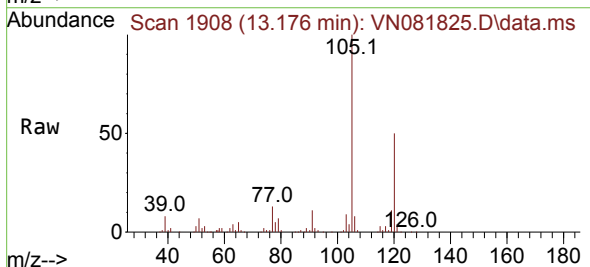


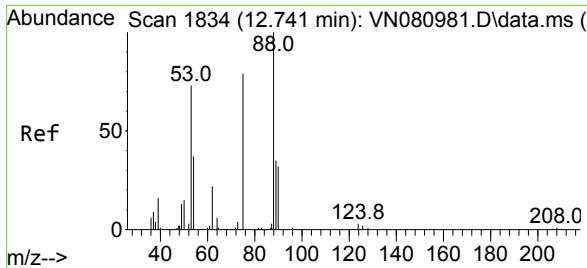
Tgt Ion: 91 Resp: 152911
Ion Ratio Lower Upper
91 100
126 33.0 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 21.502 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Tgt Ion:105 Resp: 179828
Ion Ratio Lower Upper
105 100
120 48.6 0.0 95.8

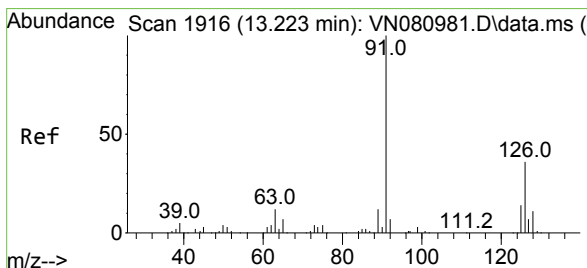
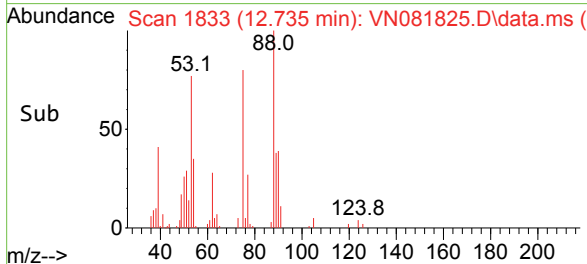
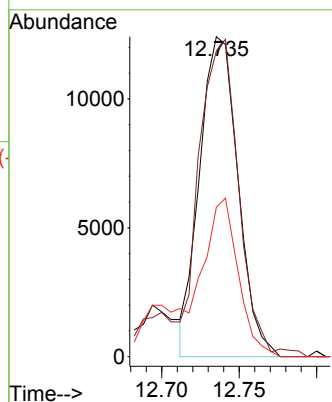
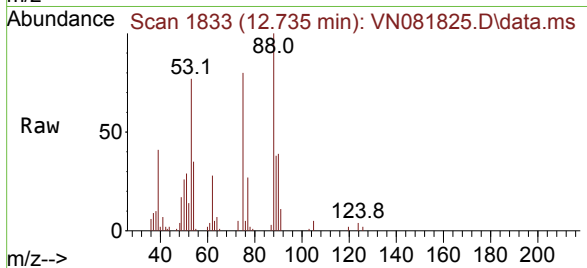




#77
t-1,4-Dichloro-2-butene
Concen: 21.670 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

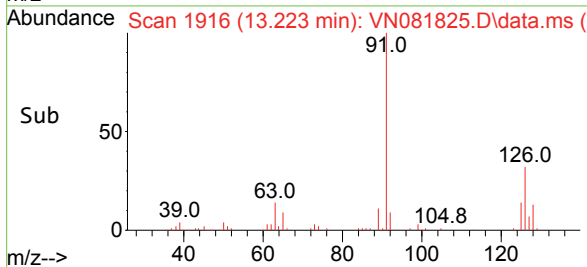
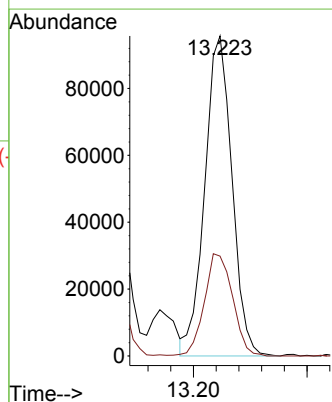
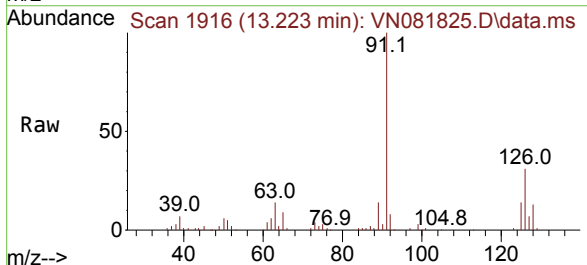
Instrument :
MSVOA_N
ClientSampleId :

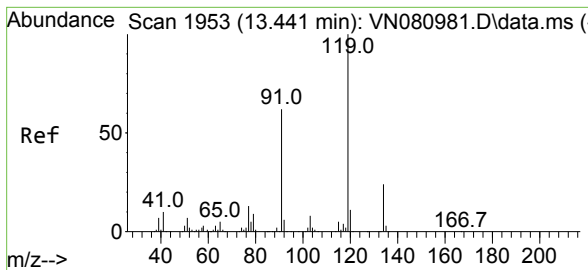
Tgt Ion: 75 Resp: 21385
Ion Ratio Lower Upper
75 100
53 93.2 45.9 137.7
89 46.7 25.9 77.7



#78
4-Chlorotoluene
Concen: 22.835 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Tgt Ion: 91 Resp: 159149
Ion Ratio Lower Upper
91 100
126 33.1 0.0 62.8

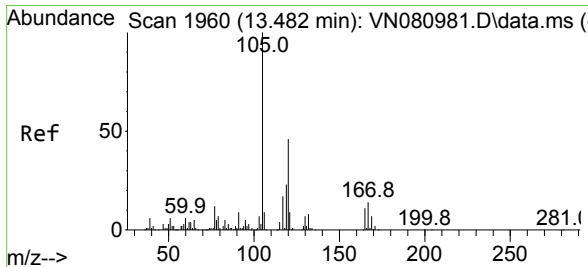
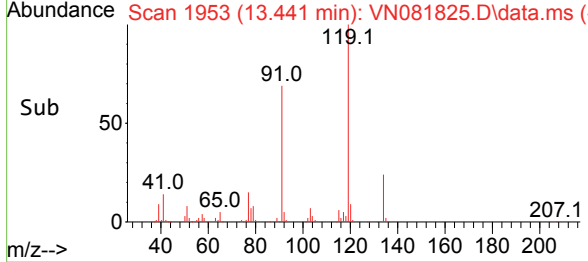
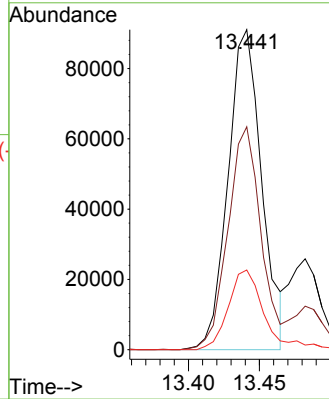
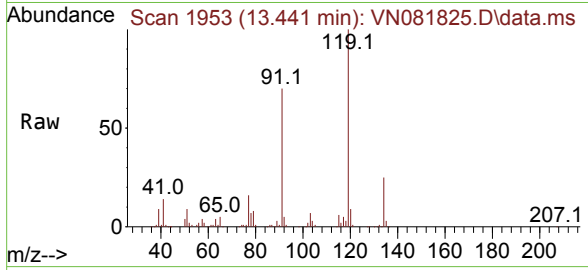




#79
 tert-butylbenzene
 Concen: 21.138 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN081825.D
 Acq: 22 Apr 2024 13:55

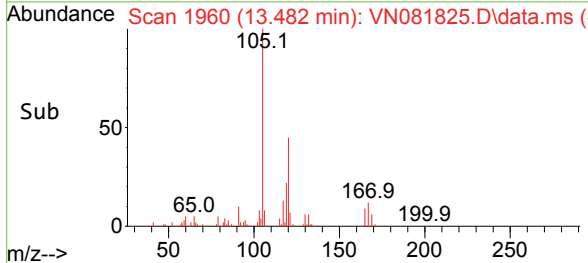
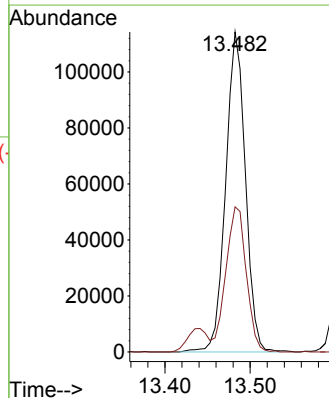
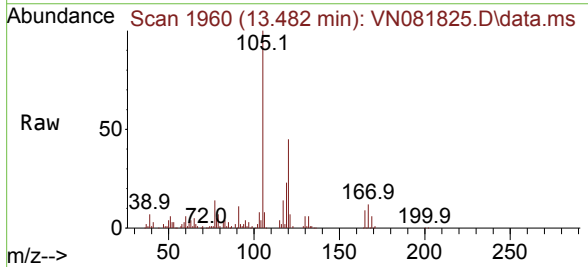
Instrument :
 MSVOA_N
 ClientSampleId :

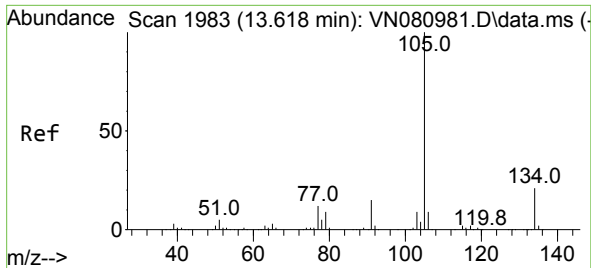
Tgt Ion:119 Resp: 150396
 Ion Ratio Lower Upper
 119 100
 91 68.0 0.0 138.8
 134 24.9 0.0 48.6



#80
 1,2,4-Trimethylbenzene
 Concen: 21.990 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081825.D
 Acq: 22 Apr 2024 13:55

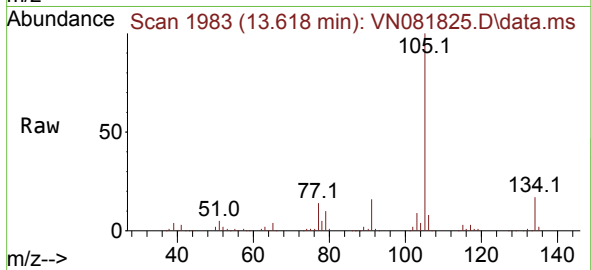
Tgt Ion:105 Resp: 183410
 Ion Ratio Lower Upper
 105 100
 120 47.2 0.0 86.8



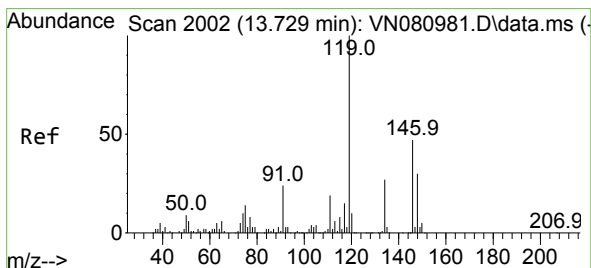
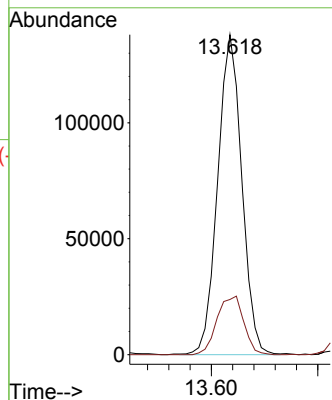
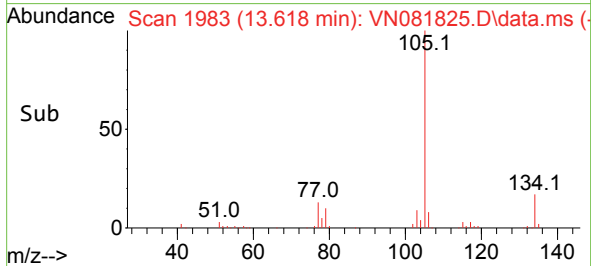


#81
 sec-Butylbenzene
 Concen: 21.117 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081825.D
 Acq: 22 Apr 2024 13:55

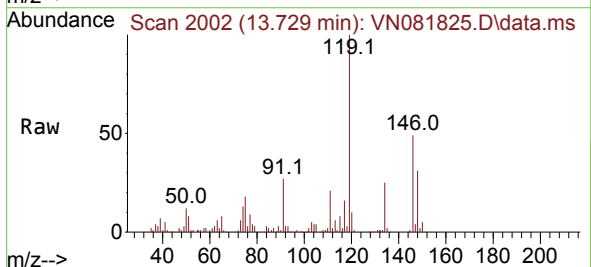
Instrument :
 MSVOA_N
 ClientSampleId :



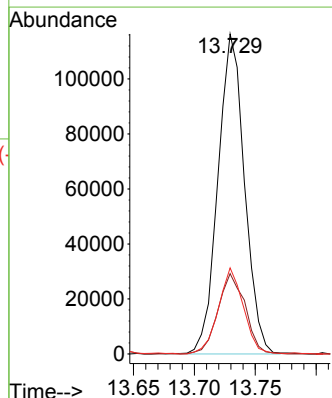
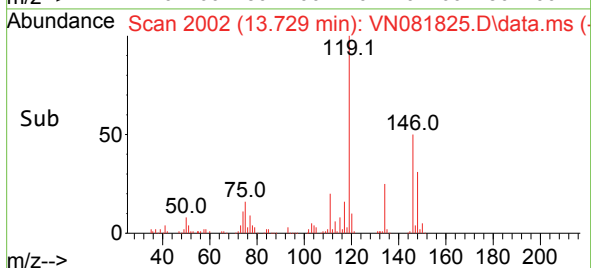
Tgt Ion:105 Resp: 216687
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 39.0

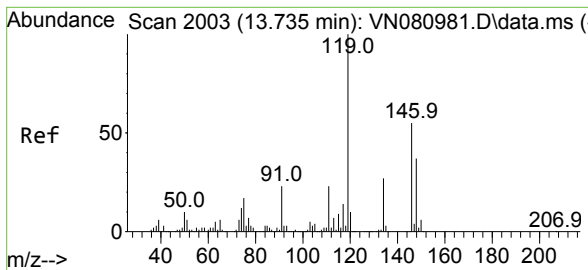


#82
 p-Isopropyltoluene
 Concen: 20.547 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081825.D
 Acq: 22 Apr 2024 13:55



Tgt Ion:119 Resp: 176823
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 49.2
 91 25.4 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 22.999 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081825.D

Acq: 22 Apr 2024 13:55

Instrument :

MSVOA_N

ClientSampleId :

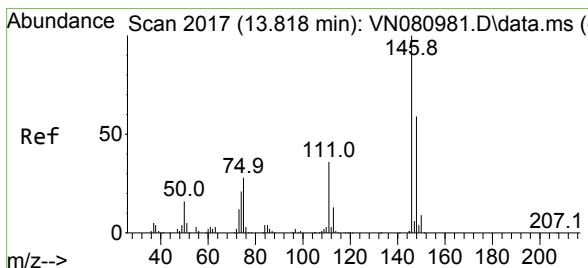
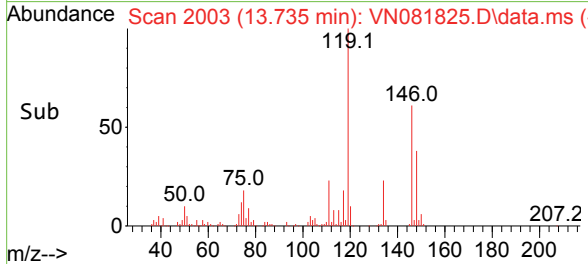
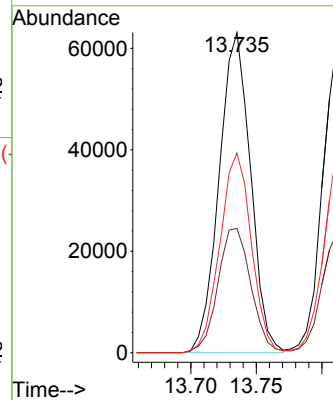
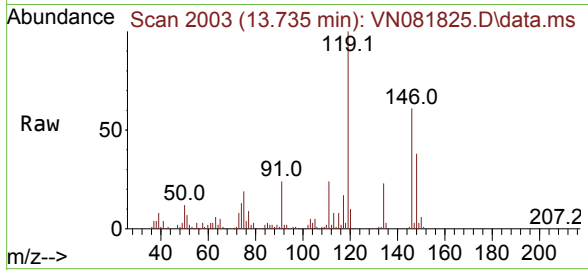
Tgt Ion:146 Resp: 104945

Ion Ratio Lower Upper

146 100

111 41.0 22.4 67.0

148 62.6 32.1 96.5



#84

1,4-Dichlorobenzene

Concen: 23.264 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN081825.D

Acq: 22 Apr 2024 13:55

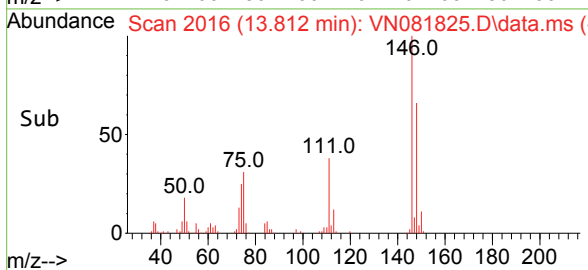
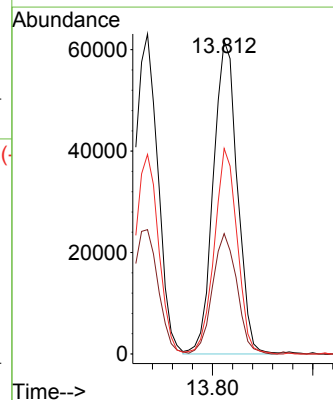
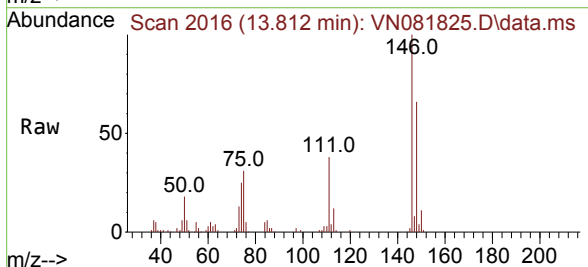
Tgt Ion:146 Resp: 102759

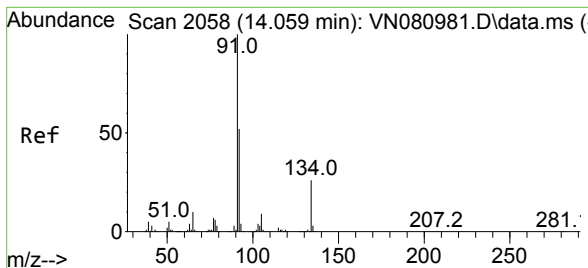
Ion Ratio Lower Upper

146 100

111 39.0 21.3 63.9

148 62.6 31.9 95.5





#85

n-Butylbenzene

Concen: 21.281 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081825.D

Acq: 22 Apr 2024 13:55

Instrument :

MSVOA_N

ClientSampleId :

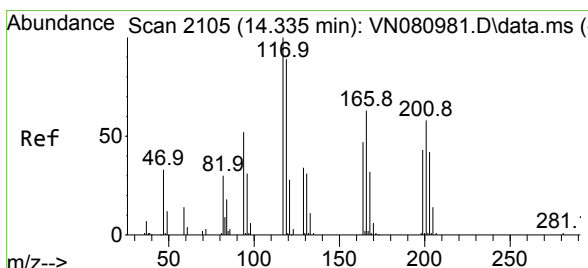
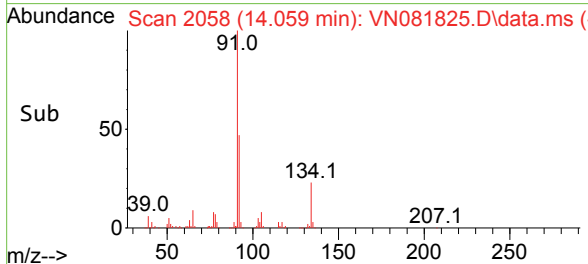
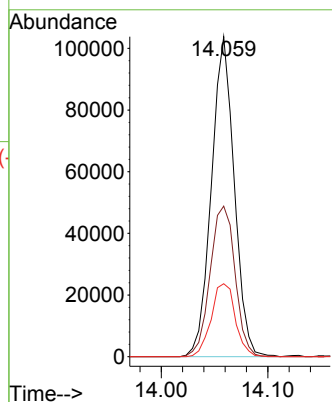
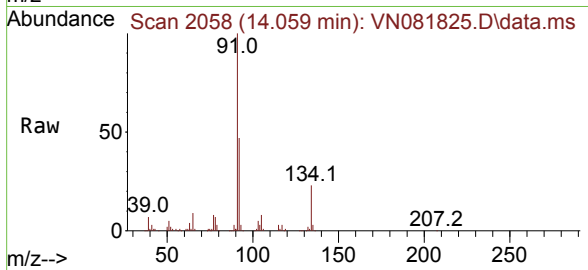
Tgt Ion: 91 Resp: 154263

Ion Ratio Lower Upper

91 100

92 51.4 0.0 105.0

134 24.2 0.0 51.8



#86

Hexachloroethane

Concen: 21.714 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081825.D

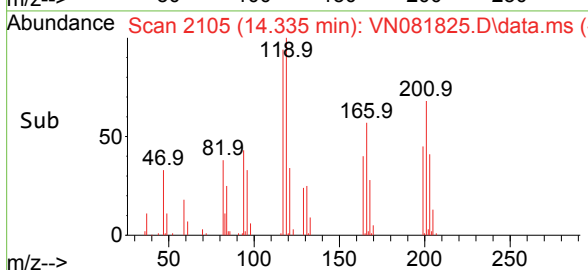
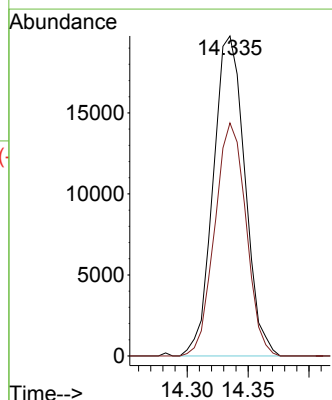
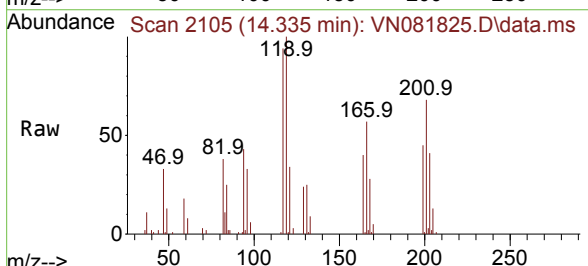
Acq: 22 Apr 2024 13:55

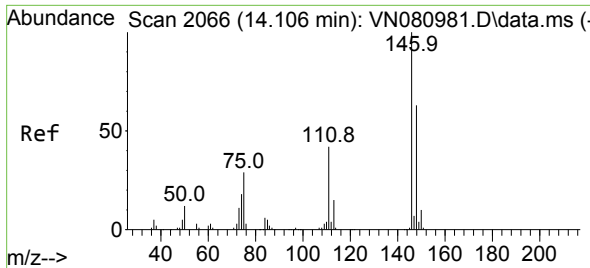
Tgt Ion: 117 Resp: 35699

Ion Ratio Lower Upper

117 100

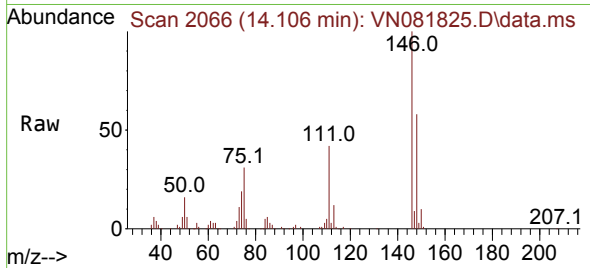
201 71.9 38.0 114.0



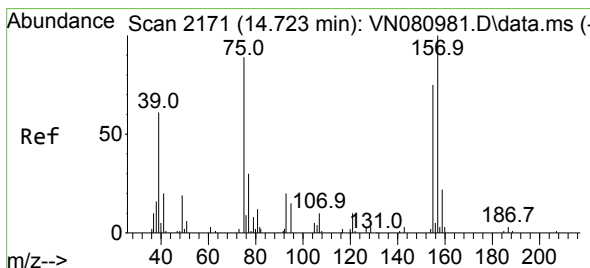
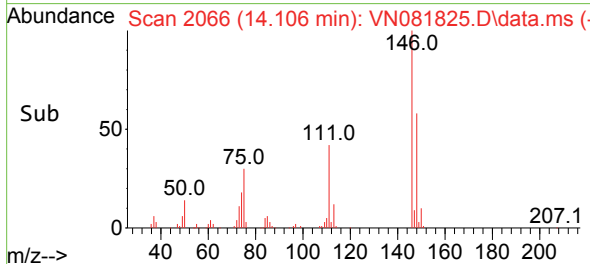
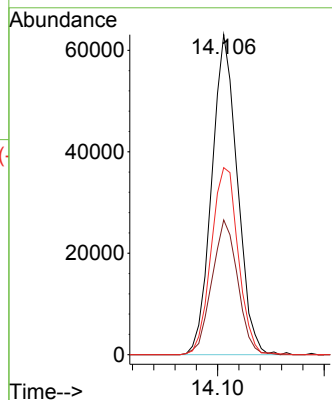


#87
1,2-Dichlorobenzene
Concen: 24.236 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

Instrument :
MSVOA_N
ClientSampleId :

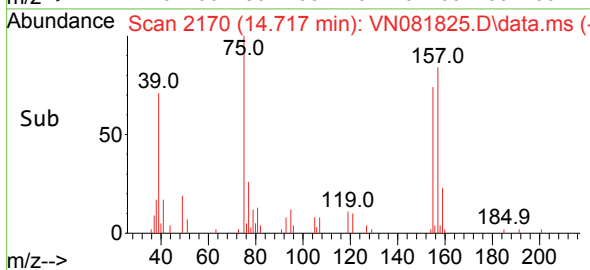
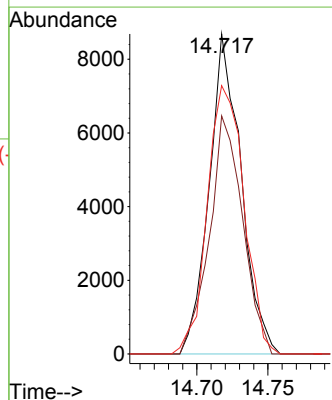
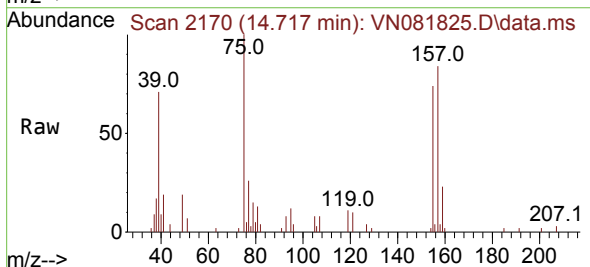


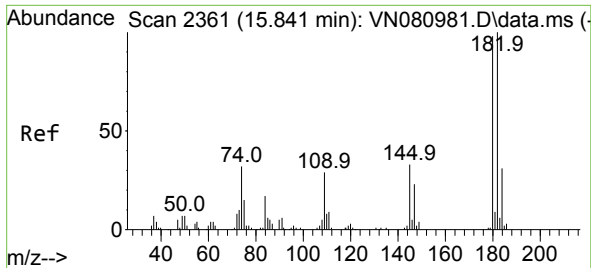
Tgt Ion:146 Resp: 105263
Ion Ratio Lower Upper
146 100
111 42.5 22.6 67.8
148 61.5 31.3 93.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 24.202 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081825.D
Acq: 22 Apr 2024 13:55

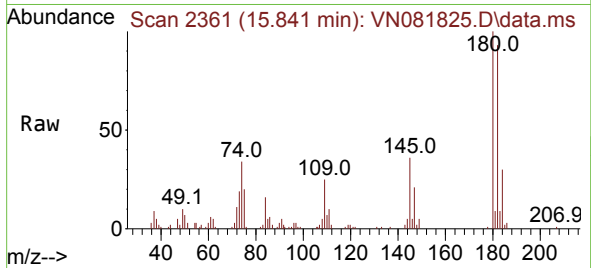
Tgt Ion: 75 Resp: 13580
Ion Ratio Lower Upper
75 100
155 77.6 61.7 92.5
157 96.3 83.6 125.4



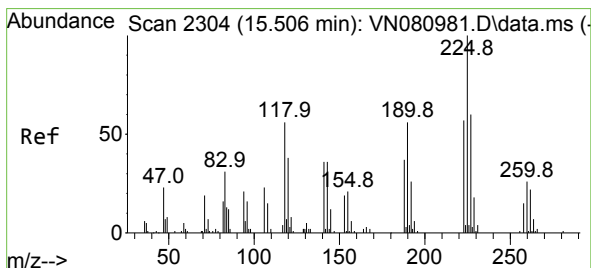
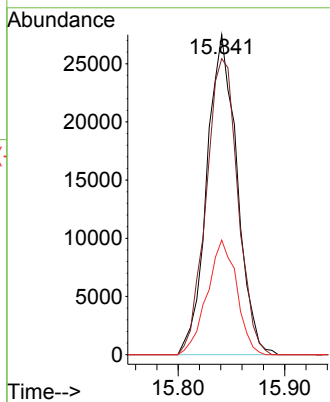
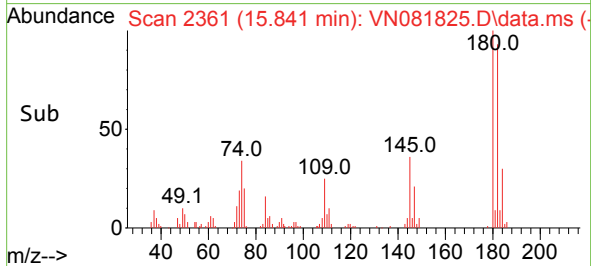


#89
 1,2,4-Trichlorobenzene
 Concen: 22.727 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN081825.D
 Acq: 22 Apr 2024 13:55

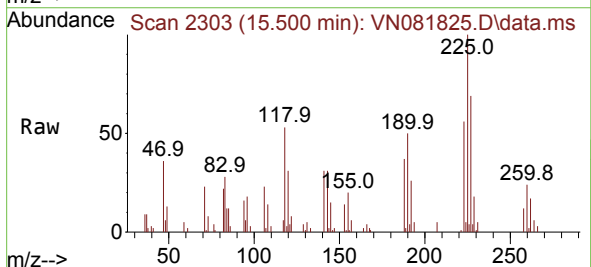
Instrument :
 MSVOA_N
 ClientSampleId :



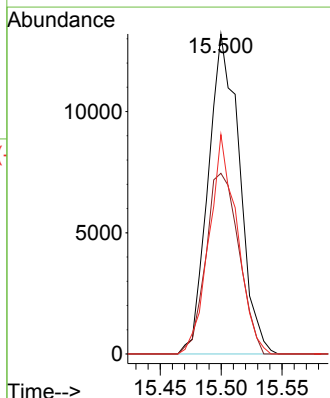
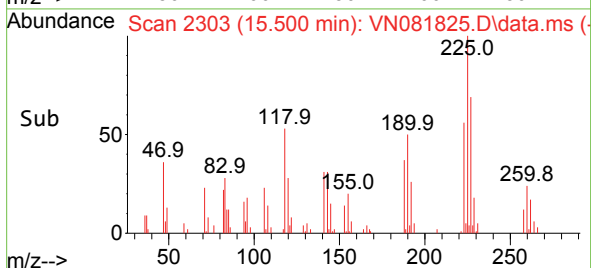
Tgt Ion:180 Resp: 54106
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.4 114.6
 145 35.1 28.4 42.6

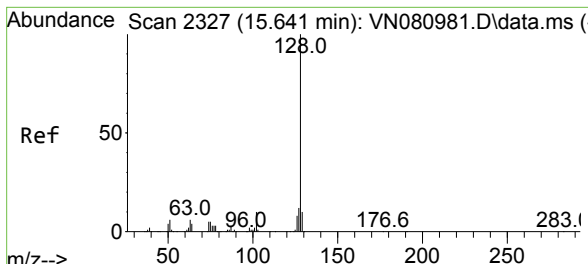


#90
 Hexachlorobutadiene
 Concen: 24.621 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN081825.D
 Acq: 22 Apr 2024 13:55



Tgt Ion:225 Resp: 23489
 Ion Ratio Lower Upper
 225 100
 223 60.1 0.0 126.6
 227 61.7 0.0 126.6

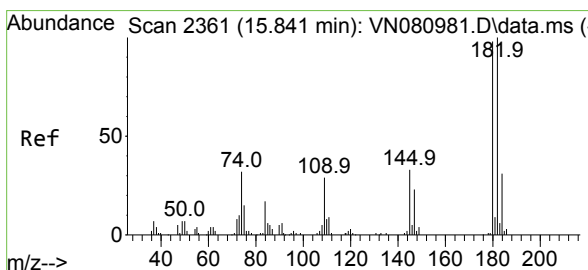
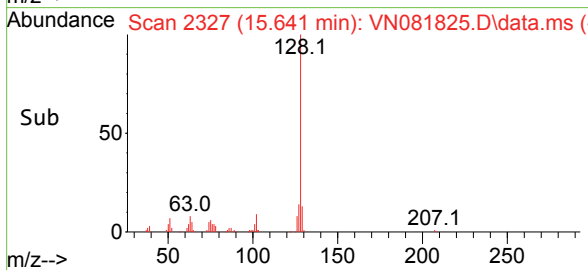
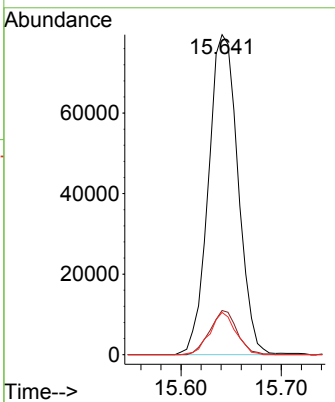
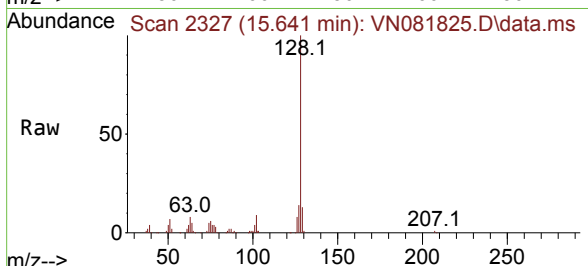




#91
 Naphthalene
 Concen: 21.239 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081825.D
 Acq: 22 Apr 2024 13:55

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:	128	Resp:	162561
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	11.7	8.6	13.0



#92
 1,2,3-Trichlorobenzene
 Concen: 22.728 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. -0.006 min
 Lab File: VN081825.D
 Acq: 22 Apr 2024 13:55

Tgt Ion:	180	Resp:	54106
Ion Ratio	Lower	Upper	
180	100		
182	97.0	0.0	191.0
145	35.1	0.0	71.0

