

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN081015.D
 Acq On : 12 Feb 2024 19:56
 Operator : JC\MD
 Sample : VN0212WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD02

Quant Time: Feb 13 03:27:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	471656	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	918379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	760245	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	280307	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	311465	52.347	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.700%	
35) Dibromofluoromethane	8.171	113	289803	58.807	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 117.620%	
50) Toluene-d8	10.571	98	811974	45.552	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.100%	
62) 4-Bromofluorobenzene	12.853	95	274190	42.343	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 84.680%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	58371	10.924	ug/l	97
3) Chloromethane	2.365	50	137121	24.053	ug/l	100
4) Vinyl Chloride	2.518	62	120174	17.220	ug/l	96
5) Bromomethane	2.948	94	66881	14.897	ug/l	89
6) Chloroethane	3.118	64	77862	15.821	ug/l	94
7) Trichlorofluoromethane	3.500	101	111524	12.205	ug/l	96
8) Diethyl Ether	3.959	74	77130	23.626	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.371	101	62300	12.120	ug/l	# 86
10) Methyl Iodide	4.589	142	112788	22.690	ug/l	99
11) Tert butyl alcohol	5.518	59	101234	123.487	ug/l	96
12) 1,1-Dichloroethene	4.342	96	86762	17.158	ug/l	# 76
13) Acrolein	4.177	56	132770	128.498	ug/l	99
14) Allyl chloride	5.030	41	116005	17.314	ug/l	# 87
15) Acrylonitrile	5.724	53	281500	125.621	ug/l	98
16) Acetone	4.424	43	199534	101.931	ug/l	93
17) Carbon Disulfide	4.712	76	172719	13.542	ug/l	99
18) Methyl Acetate	5.018	43	150773	24.539	ug/l	# 82
19) Methyl tert-butyl Ether	5.794	73	402541	23.899	ug/l	95
20) Methylene Chloride	5.277	84	129238	21.791	ug/l	# 76
21) trans-1,2-Dichloroethene	5.789	96	96567	17.012	ug/l	85
22) Diisopropyl ether	6.677	45	335765	21.621	ug/l	# 91
23) Vinyl Acetate	6.606	43	1270451	124.148	ug/l	# 87
24) 1,1-Dichloroethane	6.571	63	191315	18.916	ug/l	94
25) 2-Butanone	7.483	43	348710	110.984	ug/l	# 85
26) 2,2-Dichloropropane	7.488	77	139935	15.131	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	136817	20.743	ug/l	79
28) Bromochloromethane	7.812	49	78174	18.576	ug/l	# 39
29) Tetrahydrofuran	7.841	42	223388	116.288	ug/l	# 74
30) Chloroform	7.971	83	232696	20.819	ug/l	99
31) Cyclohexane	8.259	56	95814	11.783	ug/l	# 61
32) 1,1,1-Trichloroethane	8.171	97	170411	17.595	ug/l	# 87
36) 1,1-Dichloropropene	8.377	75	109807	14.978	ug/l	92
37) Ethyl Acetate	7.559	43	144997	26.138	ug/l	97
38) Carbon Tetrachloride	8.359	117	84503	11.244	ug/l	97
39) Methylcyclohexane	9.606	83	105566	12.920	ug/l	# 79
40) Benzene	8.612	78	443084	19.855	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	85399	25.832	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	175344	22.567	ug/l	94
43) Isopropyl Acetate	8.688	43	416310	40.812	ug/l #	91
44) Trichloroethene	9.359	130	162814	24.020	ug/l	85
45) 1,2-Dichloropropane	9.624	63	121151	20.121	ug/l	99
46) Dibromomethane	9.712	93	99236	22.289	ug/l #	82
47) Bromodichloromethane	9.894	83	169758	19.493	ug/l #	99
48) Methyl methacrylate	9.682	41	117415	20.430	ug/l #	80
49) 1,4-Dioxane	9.694	88	103464	974.993	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	773004	125.745	ug/l	90
52) Toluene	10.635	92	268013	17.930	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	181833	21.578	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	203607	21.525	ug/l #	87
55) 1,1,2-Trichloroethane	11.023	97	127221	22.021	ug/l	93
56) Ethyl methacrylate	10.876	69	199285	28.835	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	214764	22.912	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	439942	104.853	ug/l #	79
59) 2-Hexanone	11.200	43	573636	123.116	ug/l	88
60) Dibromochloromethane	11.365	129	126570	21.441	ug/l	99
61) 1,2-Dibromoethane	11.476	107	143063	24.825	ug/l	97
64) Tetrachloroethene	11.106	164	137998	24.048	ug/l	89
65) Chlorobenzene	11.894	112	289978	18.200	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	113510	19.742	ug/l	96
67) Ethyl Benzene	11.965	91	461799	16.826	ug/l	93
68) m/p-Xylenes	12.076	106	362135	34.729	ug/l	90
69) o-Xylene	12.400	106	182278	18.015	ug/l	94
70) Styrene	12.412	104	308615	20.323	ug/l	95
71) Bromoform	12.582	173	73319	19.040	ug/l #	99
73) Isopropylbenzene	12.700	105	399014	18.303	ug/l	96
74) N-amyl acetate	12.494	43	225758	28.730	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	166437	24.543	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	203355	35.581	ug/l	52
77) Bromobenzene	12.982	156	121050	22.007	ug/l	63
78) n-propylbenzene	13.041	91	423434	17.204	ug/l	94
79) 2-Chlorotoluene	13.129	91	282828	18.183	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	337600	19.053	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	53858	25.602	ug/l	94
82) 4-Chlorotoluene	13.223	91	268342	17.292	ug/l	88
83) tert-Butylbenzene	13.441	119	278409	18.433	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	331402	18.778	ug/l	91
85) sec-Butylbenzene	13.617	105	328710	16.196	ug/l	92
86) p-Isopropyltoluene	13.729	119	289757	16.893	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	173646	17.726	ug/l	95
88) 1,4-Dichlorobenzene	13.817	146	174966	17.600	ug/l	96
89) n-Butylbenzene	14.059	91	226010	14.917	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	190211	20.267	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29901	23.572	ug/l #	48
93) 1,2,4-Trichlorobenzene	15.394	180	107136	23.077	ug/l	98
94) Hexachlorobutadiene	15.506	225	32733	16.263	ug/l	99
95) Naphthalene	15.647	128	471612	30.767	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	113950	24.936	ug/l	96

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QLast Update : Wed Feb 07 06:22:23 2024
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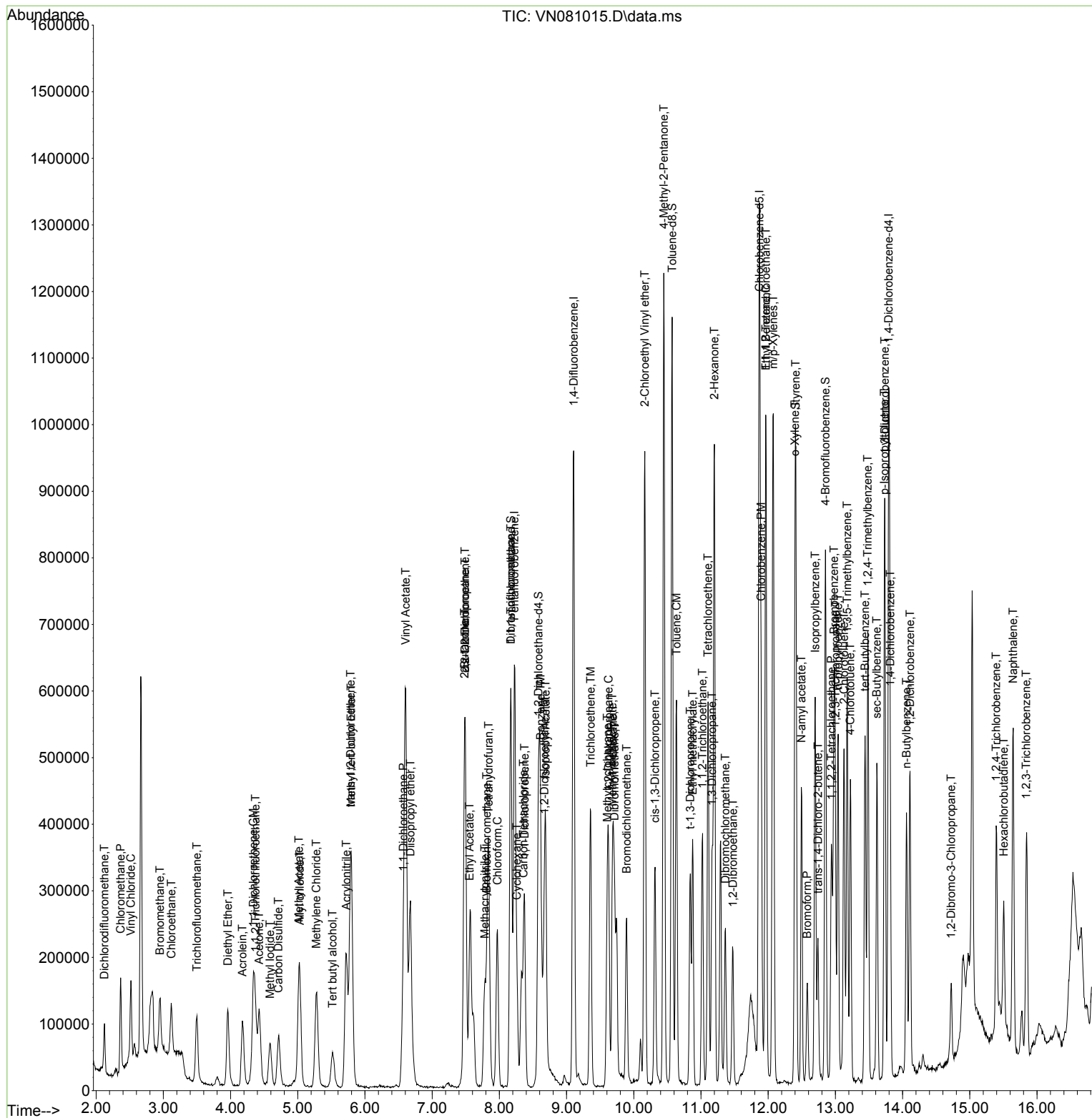
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

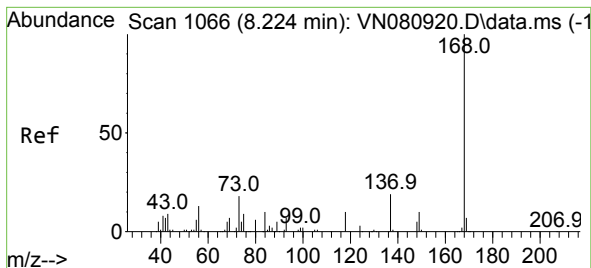
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081015.D

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Instrument :

MSVOA_N

ClientSampleId :

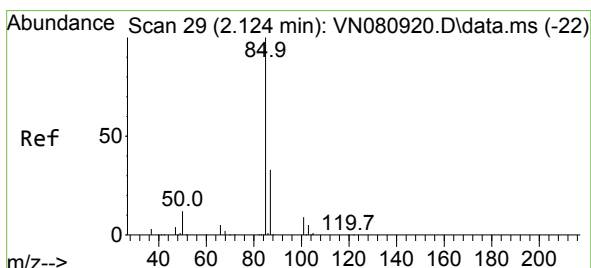
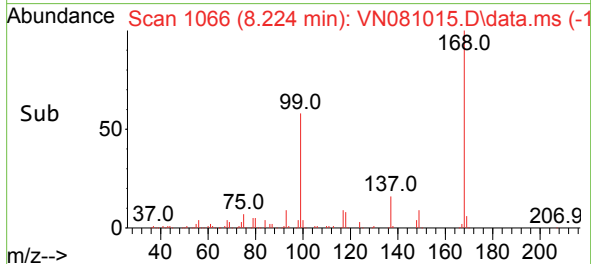
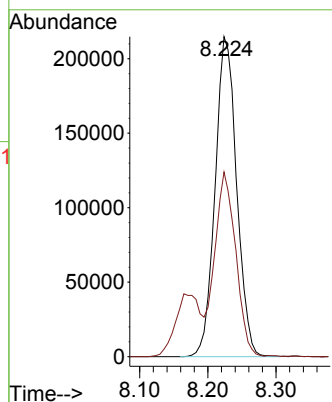
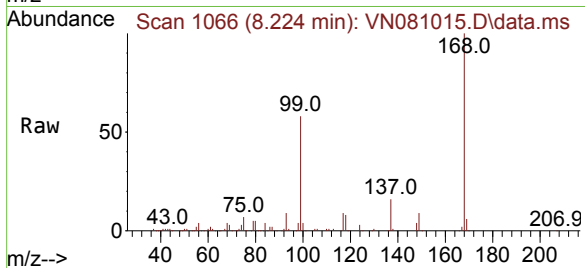
VN0212WBSD02

Tgt Ion:168 Resp: 471656

Ion Ratio Lower Upper

168 100

99 57.6 59.9 89.9#



#2

Dichlorodifluoromethane

Concen: 10.924 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081015.D

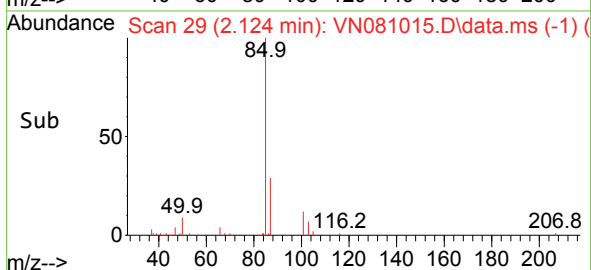
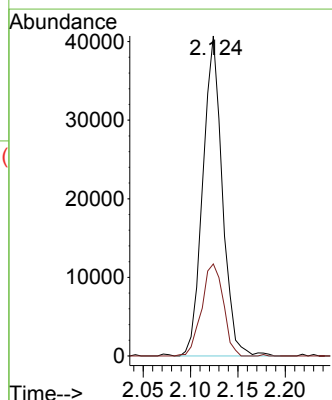
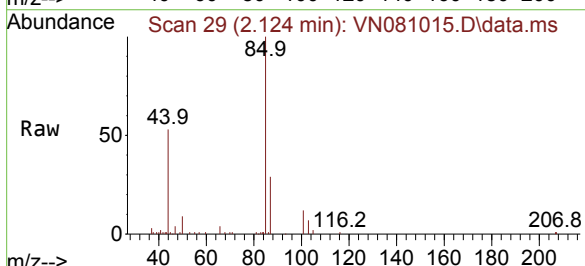
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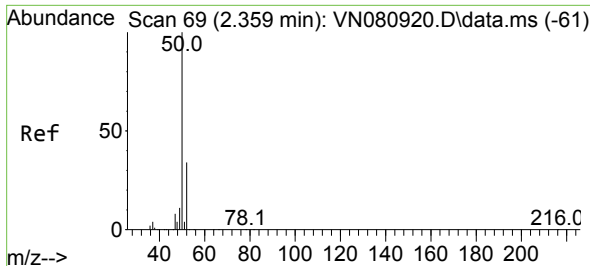
Tgt Ion: 85 Resp: 58371

Ion Ratio Lower Upper

85 100

87 28.8 15.3 45.9

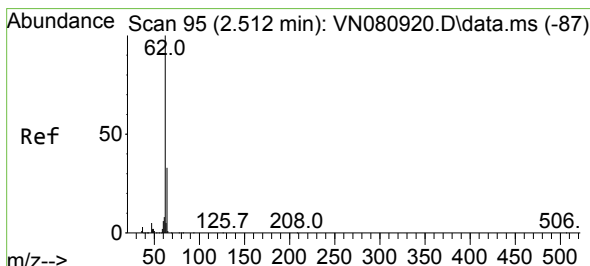
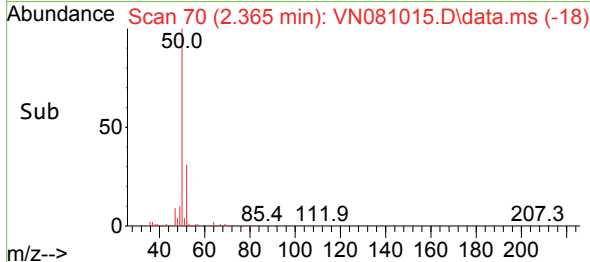
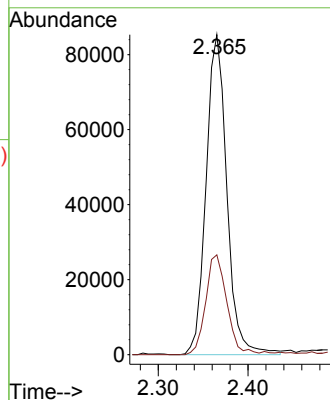
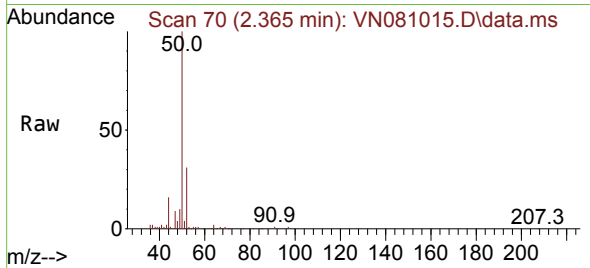




#3
Chloromethane
Concen: 24.053 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

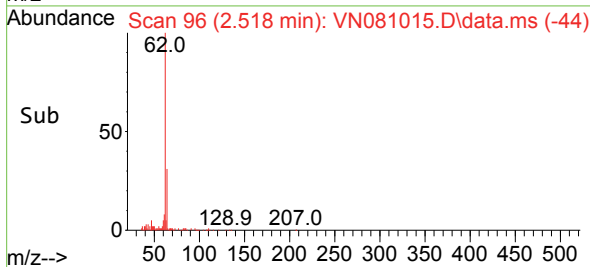
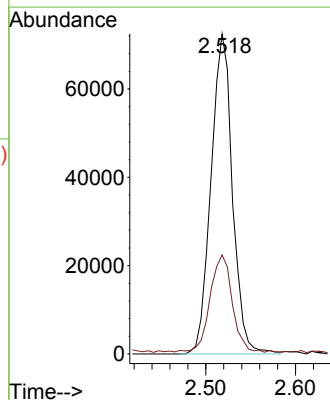
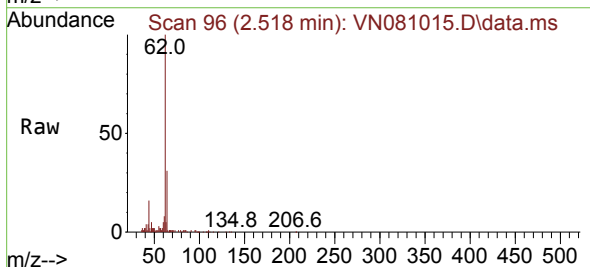
Instrument :
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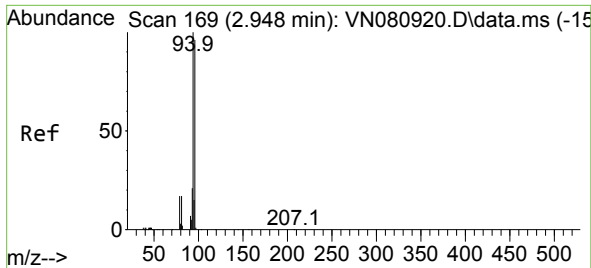
Tgt Ion: 50 Resp: 137121
Ion Ratio Lower Upper
50 100
52 31.2 25.0 37.4



#4
Vinyl Chloride
Concen: 17.220 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion: 62 Resp: 120174
Ion Ratio Lower Upper
62 100
64 30.4 22.7 34.1

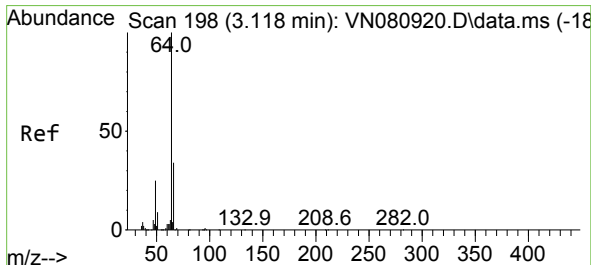
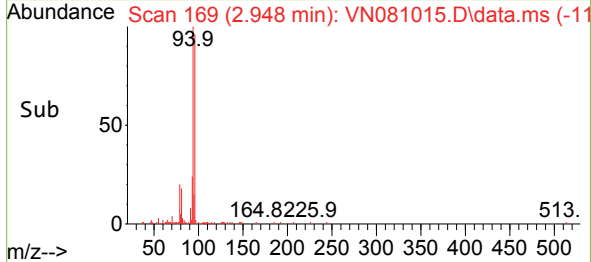
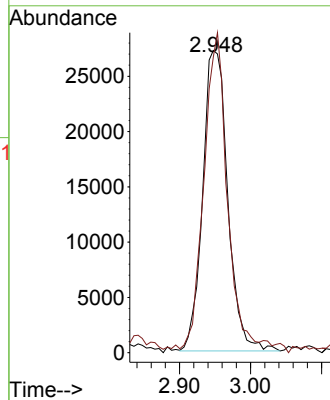
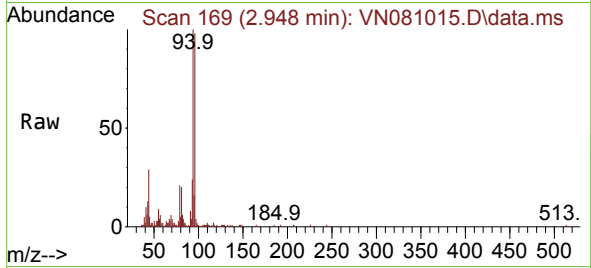




#5
Bromomethane
Concen: 14.897 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN081015.D
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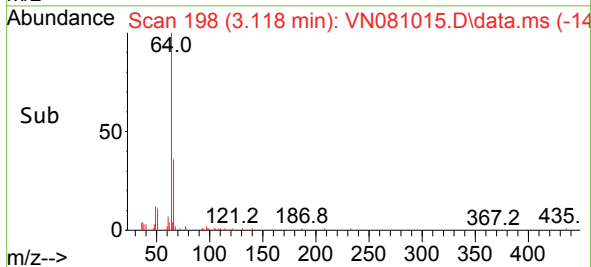
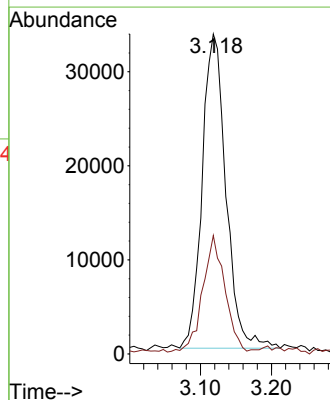
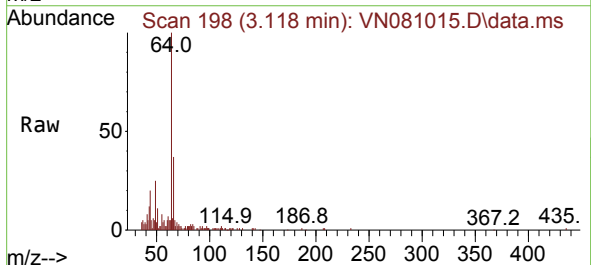
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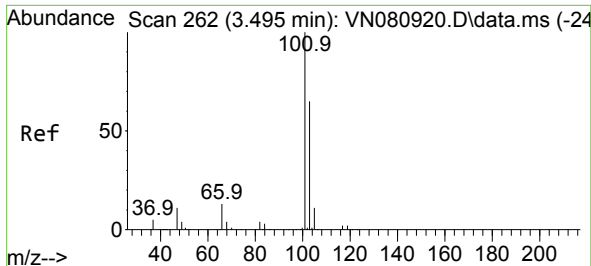
Tgt Ion: 94 Resp: 66881
Ion Ratio Lower Upper
94 100
96 97.0 69.2 103.8



#6
Chloroethane
Concen: 15.821 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 77862
Ion Ratio Lower Upper
64 100
66 36.6 26.4 39.6

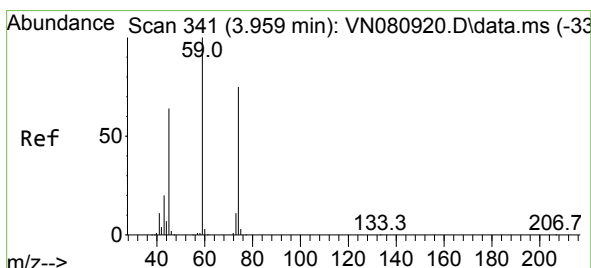
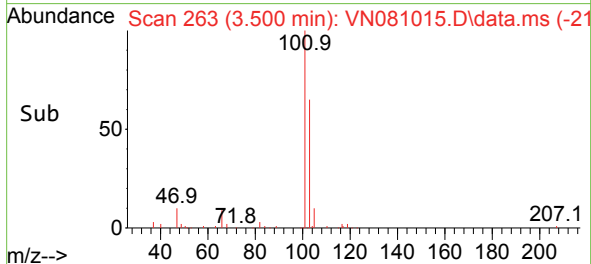
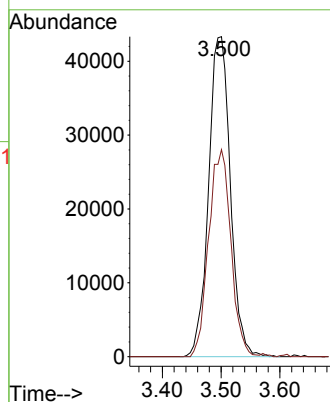
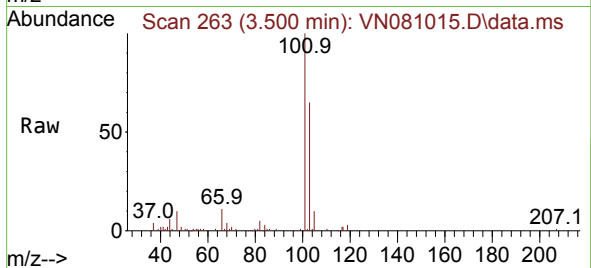




#7
 Trichlorofluoromethane
 Concen: 12.205 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN081015.D
 Acq: 12 Feb 2024 19:56

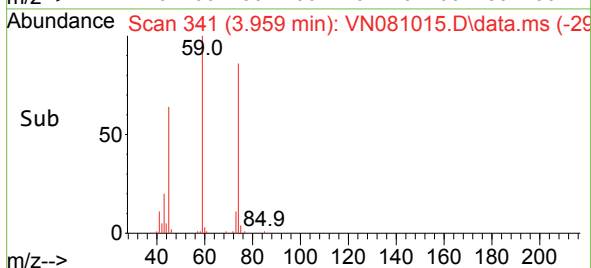
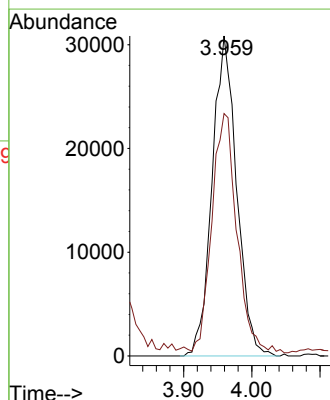
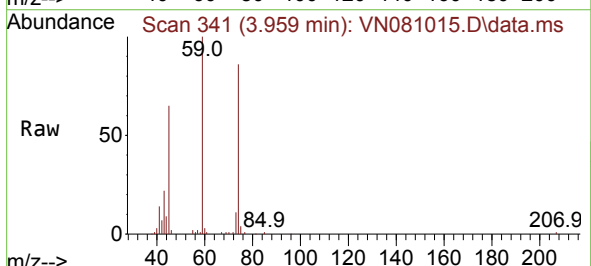
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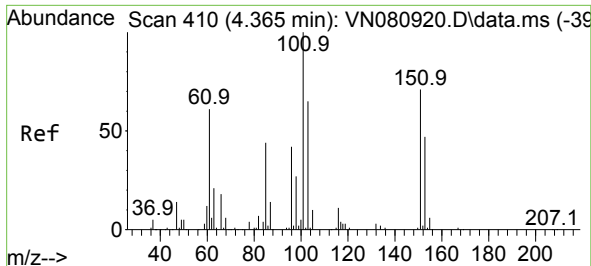
Tgt Ion:101 Resp: 111524
 Ion Ratio Lower Upper
 101 100
 103 64.7 54.4 81.6



#8
 Diethyl Ether
 Concen: 23.626 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN081015.D
 Acq: 12 Feb 2024 19:56

Tgt Ion: 74 Resp: 77130
 Ion Ratio Lower Upper
 74 100
 45 76.3 53.3 159.9

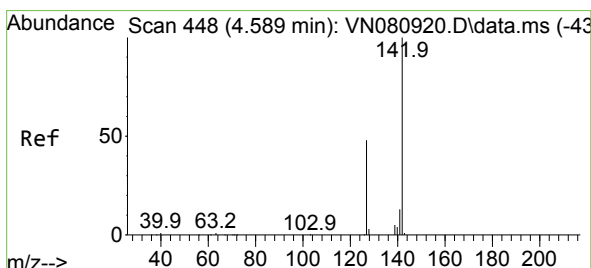
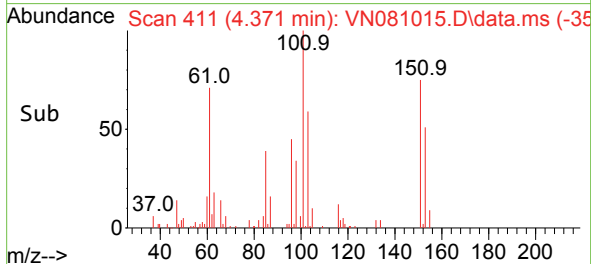
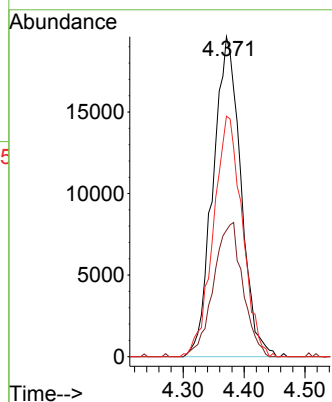
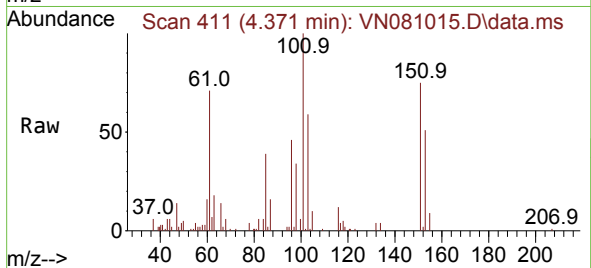




#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.120 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

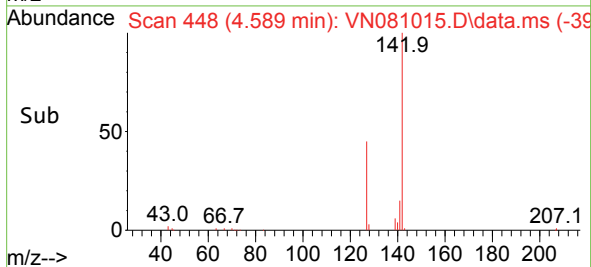
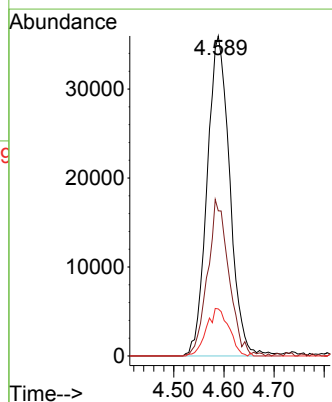
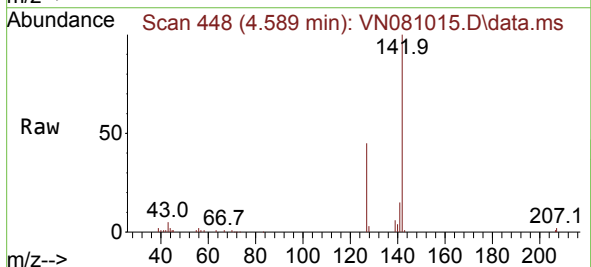
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

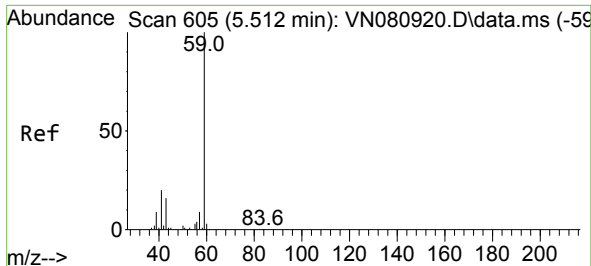
Tgt Ion:101 Resp: 62300
Ion Ratio Lower Upper
101 100
85 44.1 38.1 57.1
151 78.0 49.1 73.7#



#10
Methyl Iodide
Concen: 22.690 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion:142 Resp: 112788
Ion Ratio Lower Upper
142 100
127 45.4 37.0 55.4
141 14.7 12.5 18.7

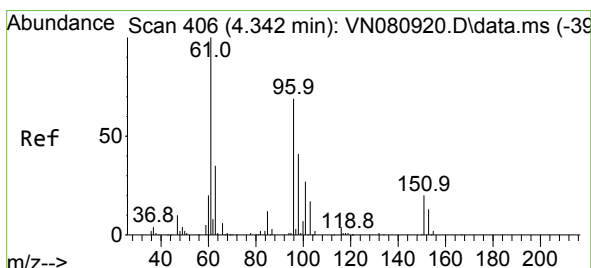
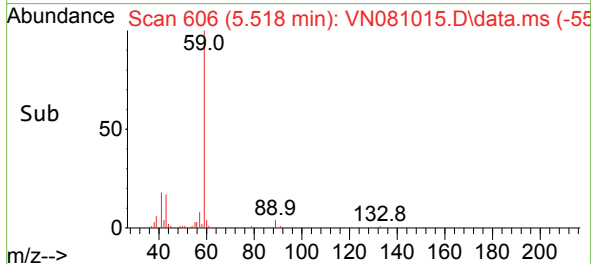
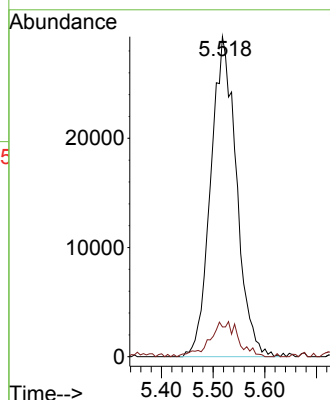
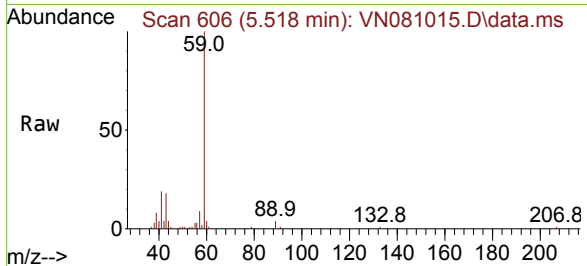




#11
Tert butyl alcohol
Concen: 123.487 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

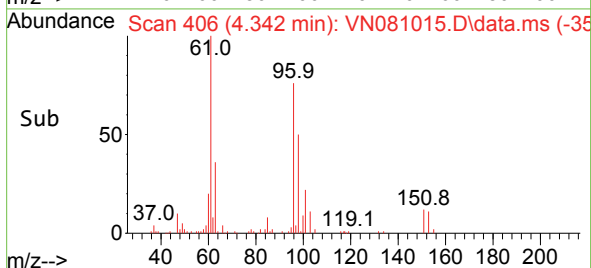
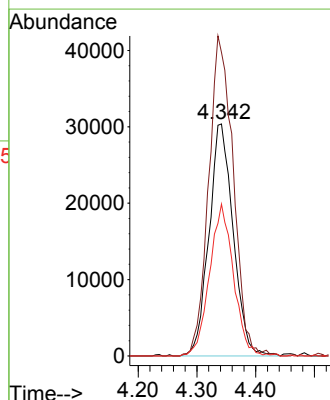
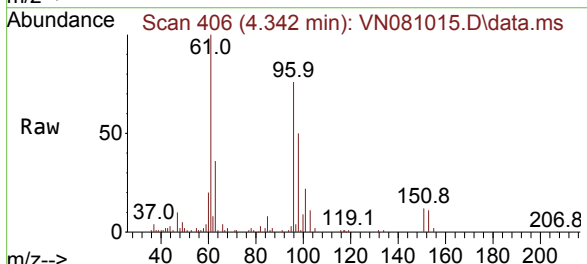
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

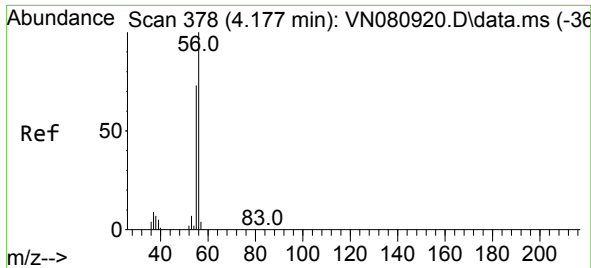
Tgt Ion: 59 Resp: 101234
Ion Ratio Lower Upper
59 100
57 12.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 17.158 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion: 96 Resp: 86762
Ion Ratio Lower Upper
96 100
61 130.8 138.2 207.4#
98 65.5 49.2 73.8





#13

Acrolein

Concen: 128.498 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

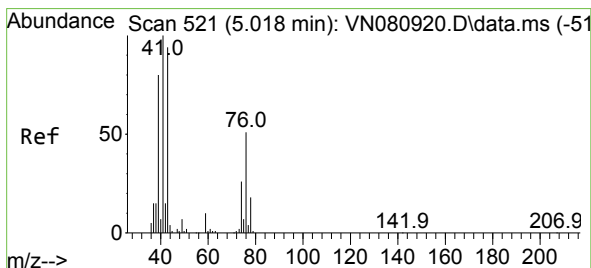
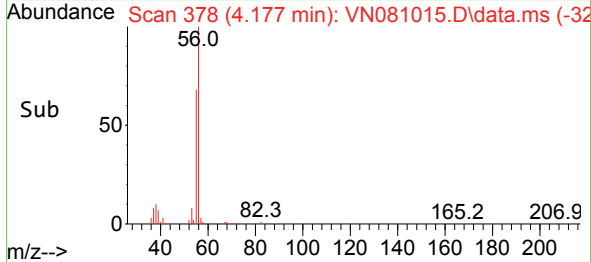
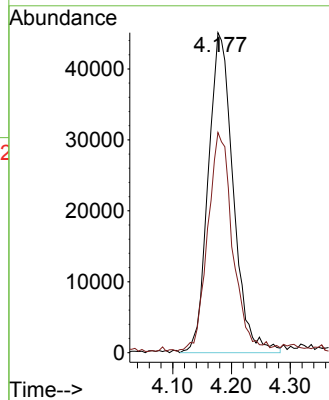
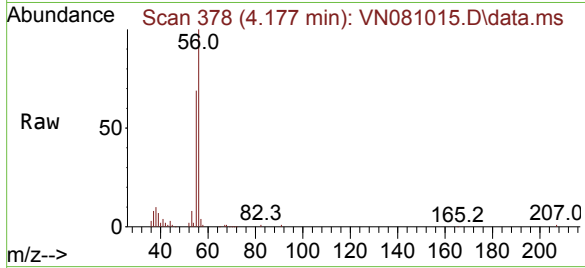
VN0212WBSD02

Tgt Ion: 56 Resp: 132770

Ion Ratio Lower Upper

56 100

55 68.5 55.3 82.9



#14

Allyl chloride

Concen: 17.314 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

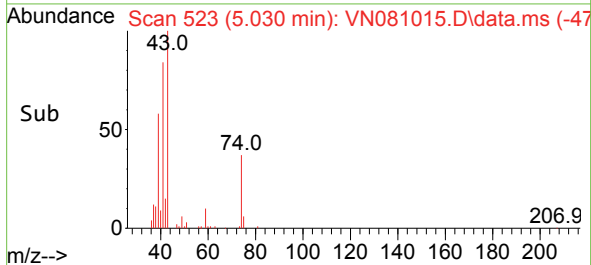
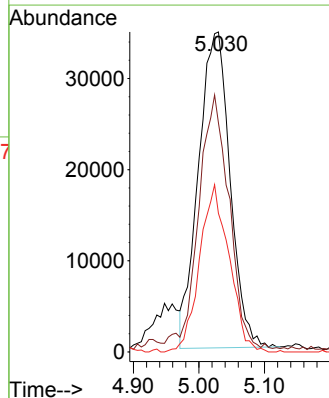
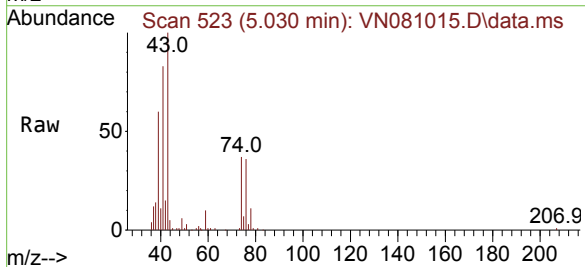
Tgt Ion: 41 Resp: 116005

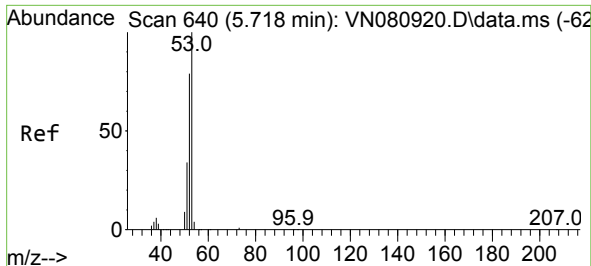
Ion Ratio Lower Upper

41 100

39 77.2 57.7 86.5

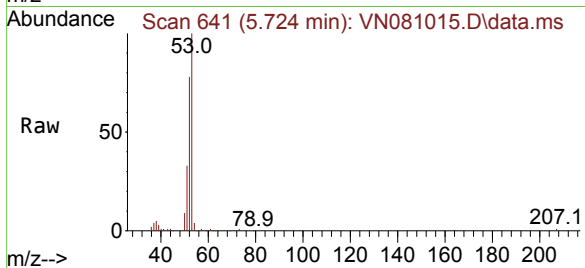
76 49.4 26.8 40.2#



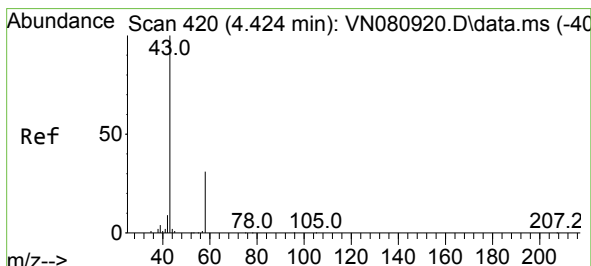
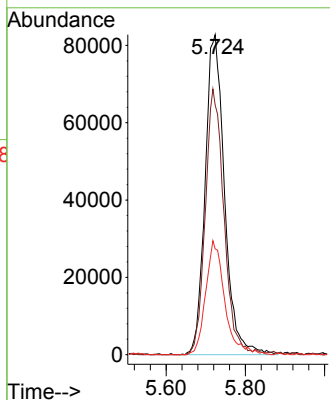
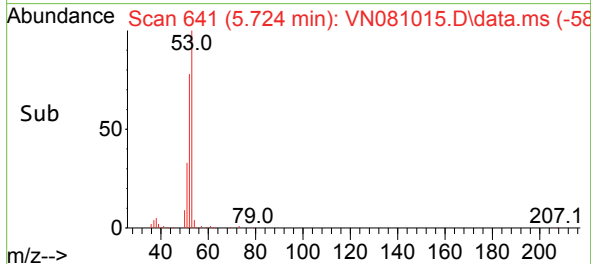


#15
Acrylonitrile
Concen: 125.621 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

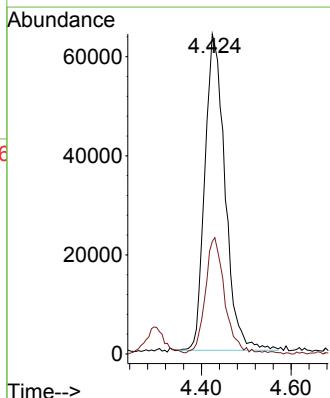
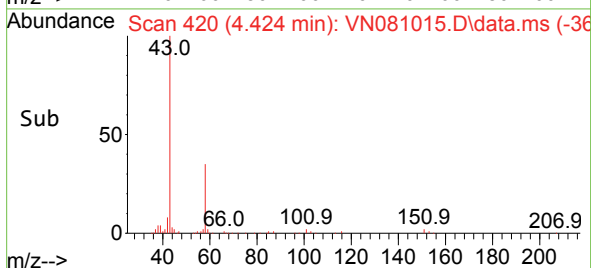
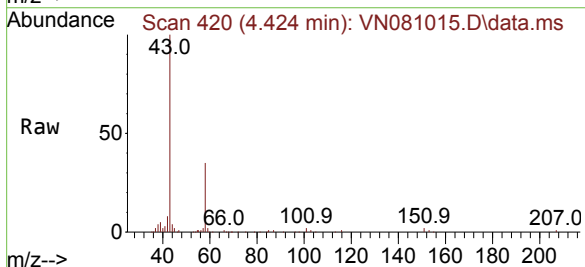


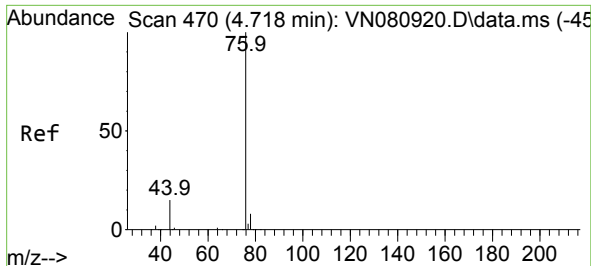
Tgt Ion: 53 Resp: 281500
Ion Ratio Lower Upper
53 100
52 79.3 64.8 97.2
51 34.9 26.9 40.3



#16
Acetone
Concen: 101.931 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion: 43 Resp: 199534
Ion Ratio Lower Upper
43 100
58 35.1 24.8 37.2

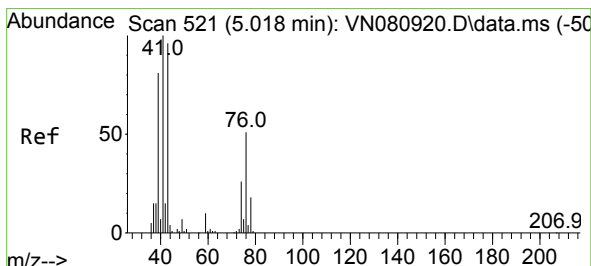
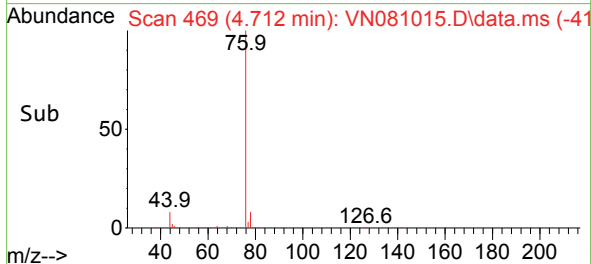
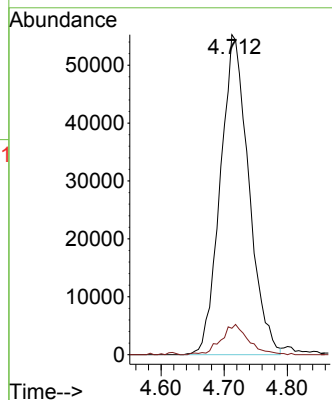
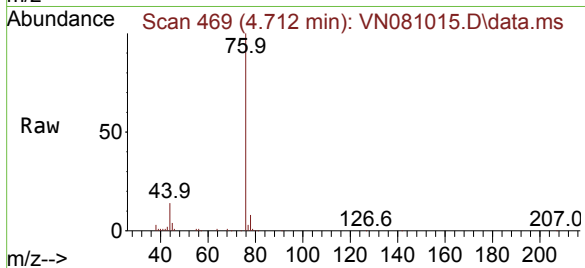




#17
Carbon Disulfide
Concen: 13.542 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

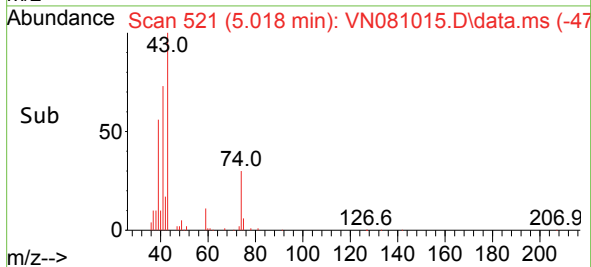
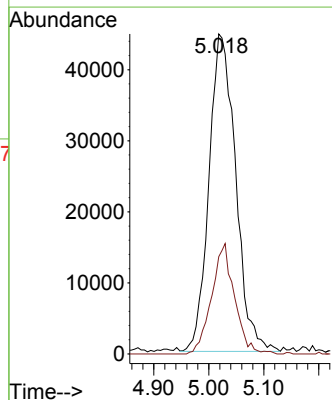
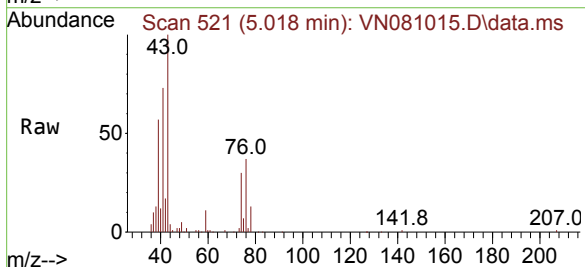
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

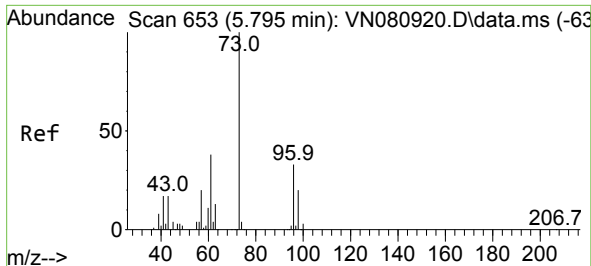
Tgt Ion: 76 Resp: 172719
Ion Ratio Lower Upper
76 100
78 8.3 6.3 9.5



#18
Methyl Acetate
Concen: 24.539 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion: 43 Resp: 150773
Ion Ratio Lower Upper
43 100
74 29.9 17.3 25.9#

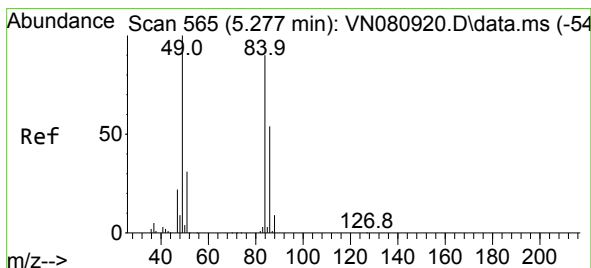
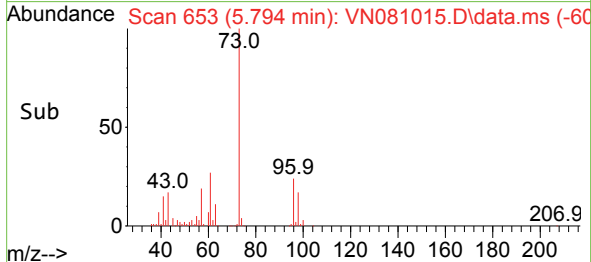
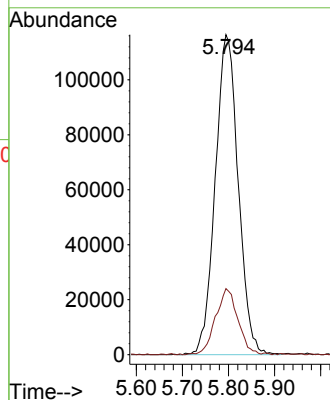
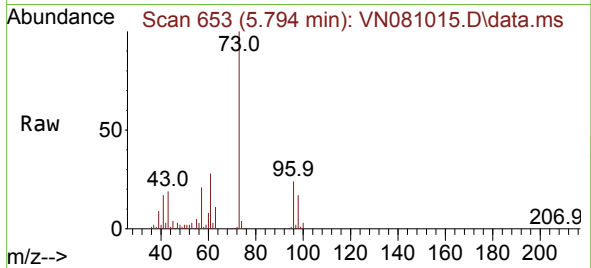




#19
Methyl tert-butyl Ether
Concen: 23.899 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

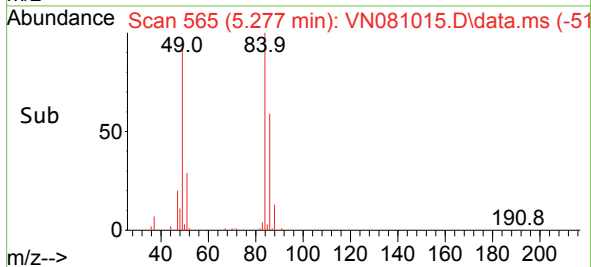
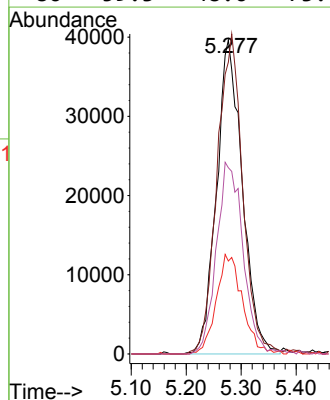
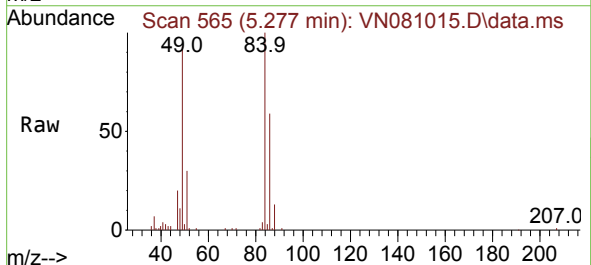
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

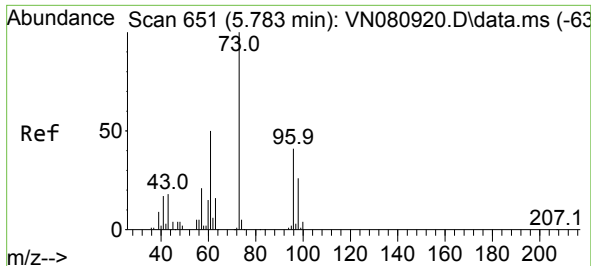
Tgt Ion: 73 Resp: 402541
Ion Ratio Lower Upper
73 100
57 20.4 18.2 27.4



#20
Methylene Chloride
Concen: 21.791 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion: 84 Resp: 129238
Ion Ratio Lower Upper
84 100
49 92.9 108.1 162.1#
51 29.6 32.9 49.3#
86 59.3 48.6 73.0

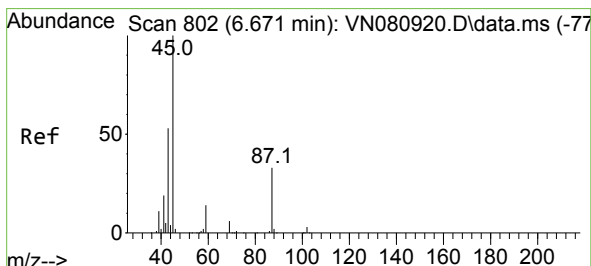
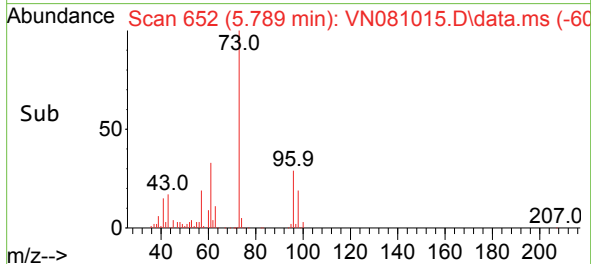
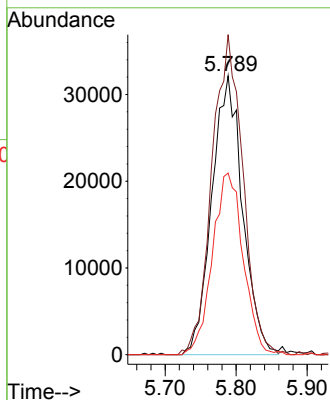
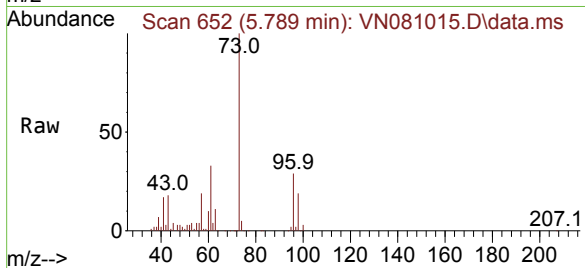




#21
trans-1,2-Dichloroethene
Concen: 17.012 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

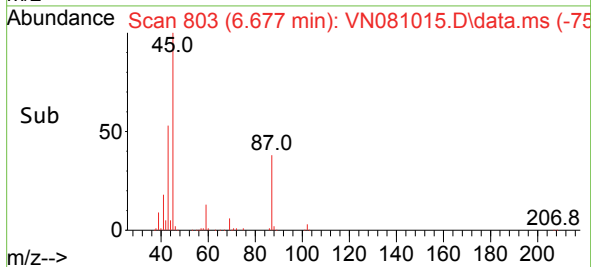
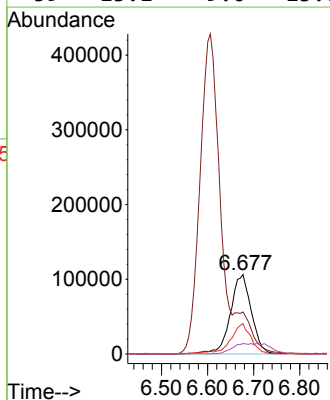
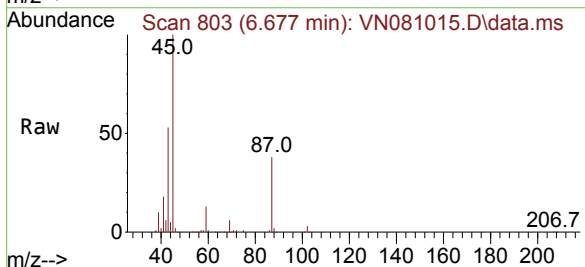
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

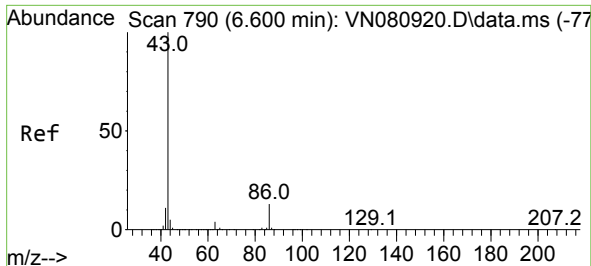
Tgt Ion: 96 Resp: 96567
Ion Ratio Lower Upper
96 100
61 114.7 112.8 169.2
98 65.1 51.0 76.4



#22
Diisopropyl ether
Concen: 21.621 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion: 45 Resp: 335765
Ion Ratio Lower Upper
45 100
43 52.6 41.8 62.8
87 38.2 18.1 27.1#
59 13.1 9.0 13.6

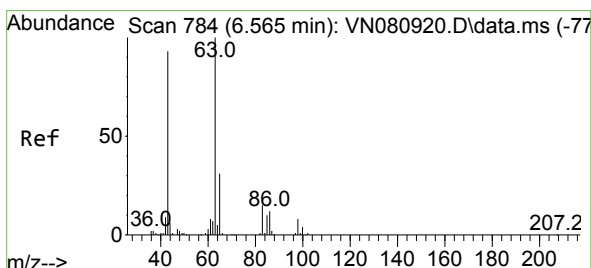
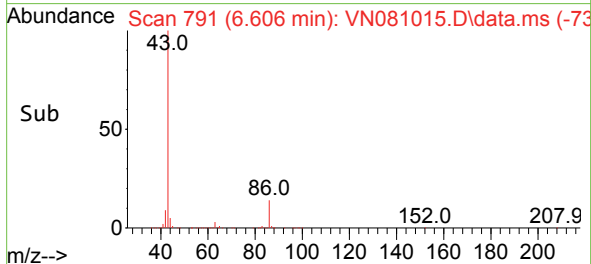
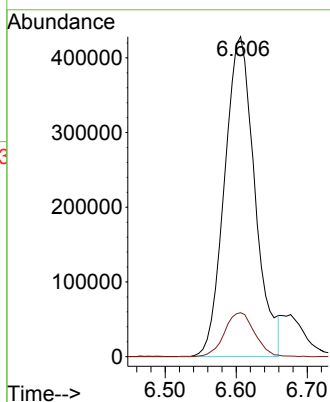
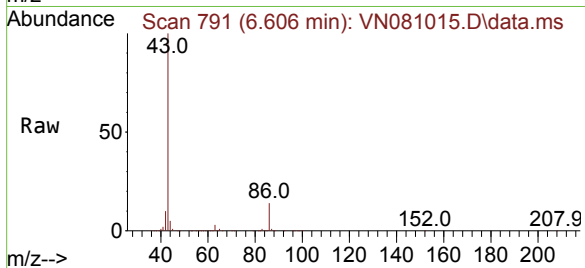




#23
 Vinyl Acetate
 Concen: 124.148 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081015.D
 Acq: 12 Feb 2024 19:56

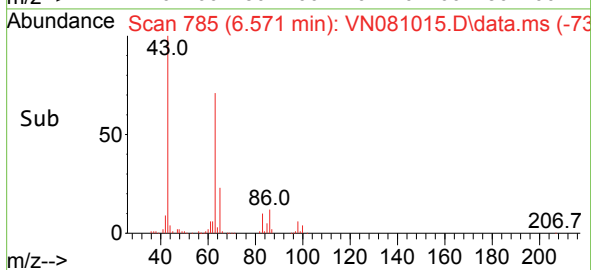
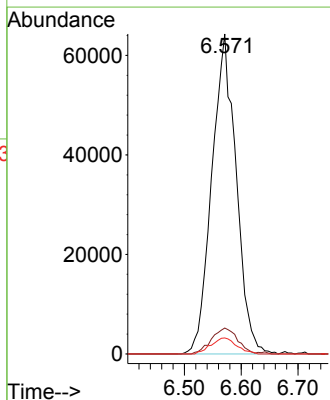
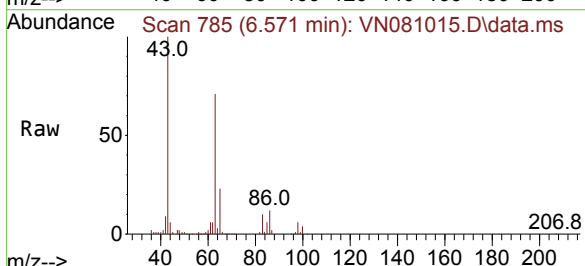
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD02

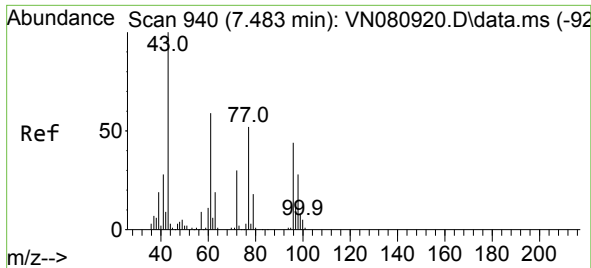
Tgt Ion: 43 Resp: 1270451
 Ion Ratio Lower Upper
 43 100
 86 13.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 18.916 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081015.D
 Acq: 12 Feb 2024 19:56

Tgt Ion: 63 Resp: 191315
 Ion Ratio Lower Upper
 63 100
 98 8.1 2.9 8.6
 100 5.0 1.9 5.7

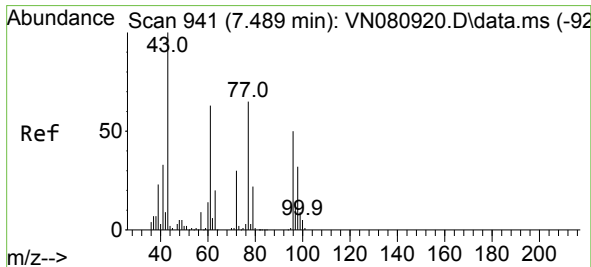
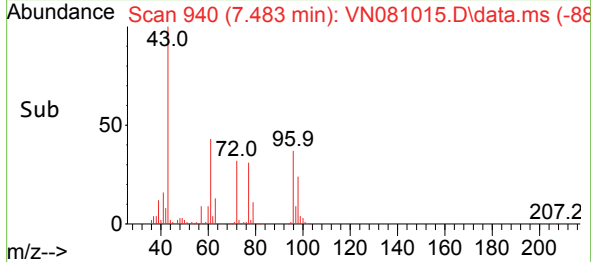
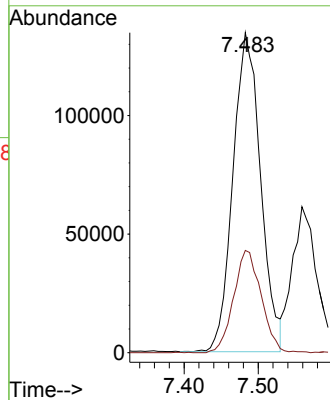
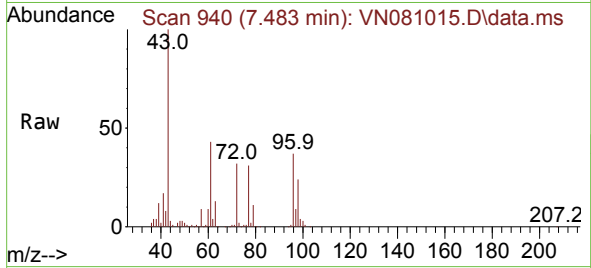




#25
2-Butanone
Concen: 110.984 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

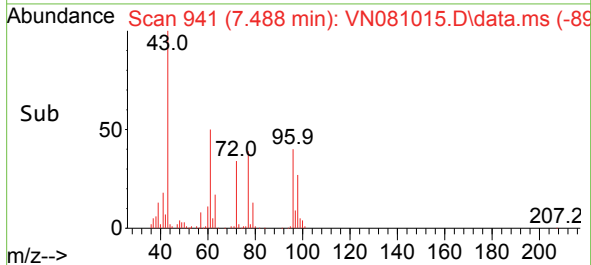
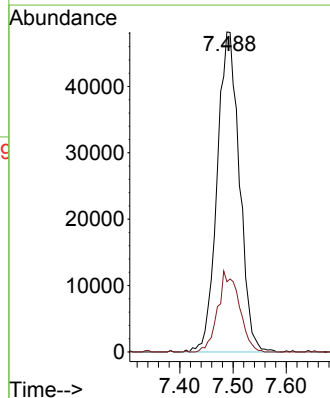
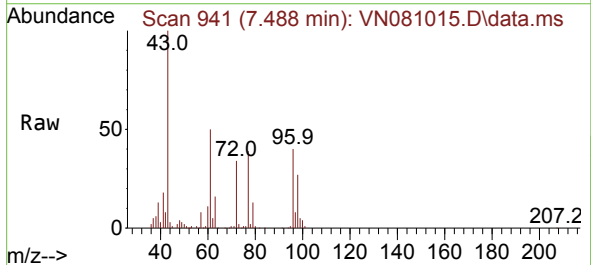
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

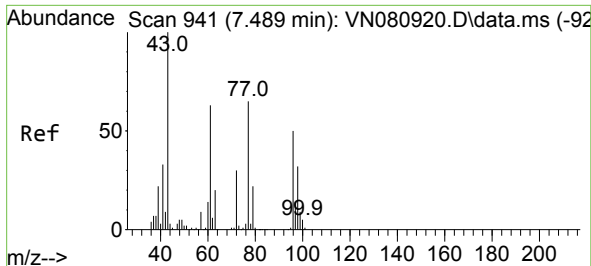
Tgt Ion: 43 Resp: 348710
Ion Ratio Lower Upper
43 100
72 31.9 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 15.131 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion: 77 Resp: 139935
Ion Ratio Lower Upper
77 100
97 24.3 11.5 34.5

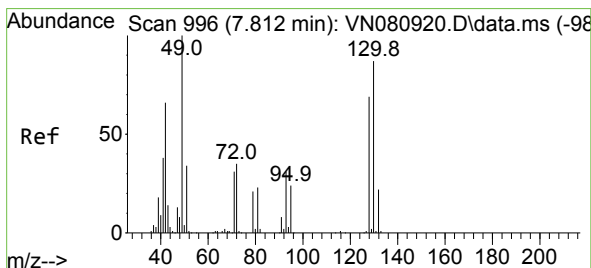
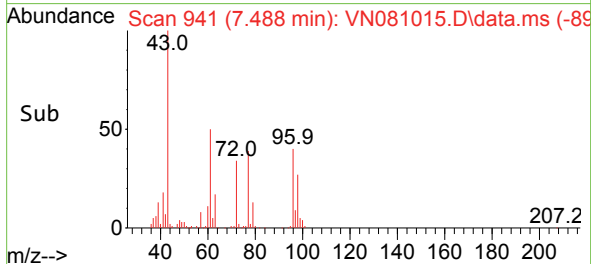
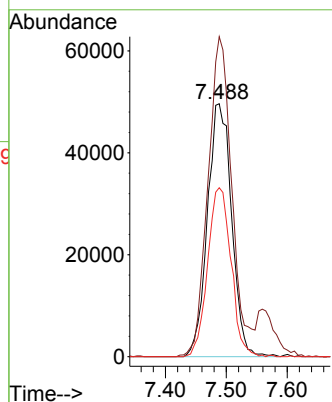
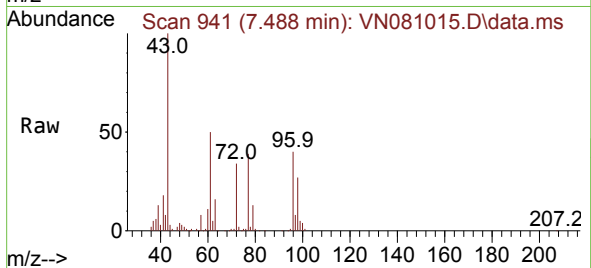




#27
cis-1,2-Dichloroethene
Concen: 20.743 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

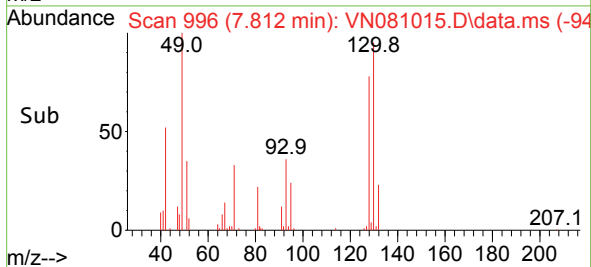
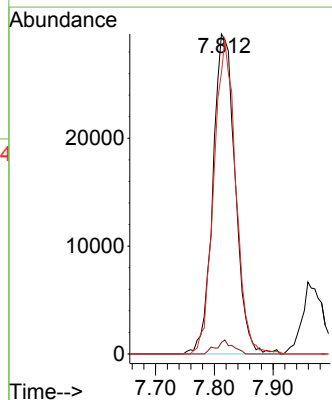
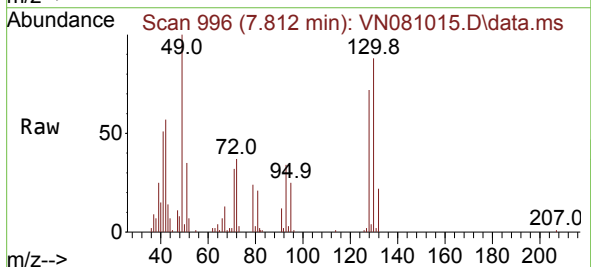
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MSVOA_N
ClientSampleId :
VN0212WBSD02

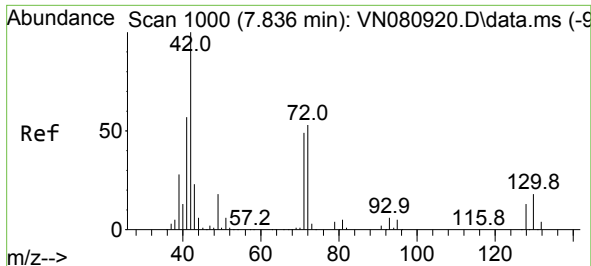
Tgt Ion: 96 Resp: 136817
Ion Ratio Lower Upper
96 100
61 123.8 0.0 325.4
98 64.6 0.0 130.4



#28
Bromochloromethane
Concen: 18.576 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion: 49 Resp: 78174
Ion Ratio Lower Upper
49 100
129 3.2 0.0 1.6#
130 96.6 42.3 63.5#





#29

Tetrahydrofuran

Concen: 116.288 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBSD02

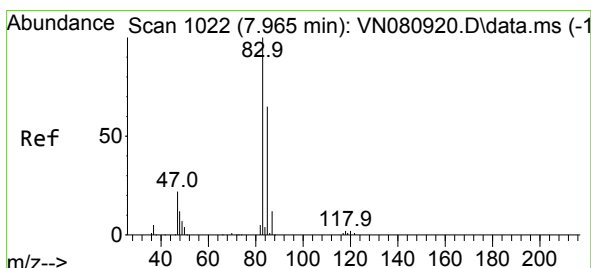
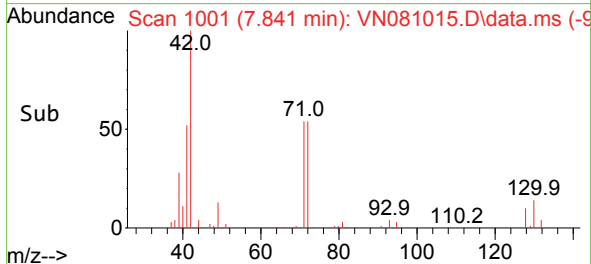
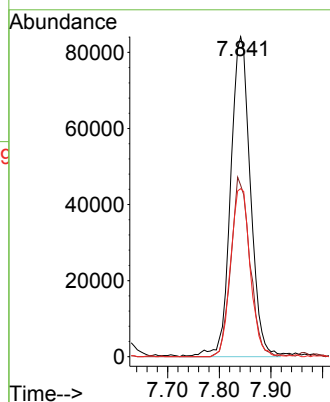
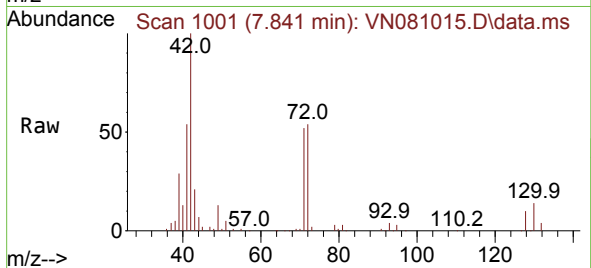
Tgt Ion: 42 Resp: 223388

Ion Ratio Lower Upper

42 100

72 53.7 31.1 46.7#

71 52.3 28.3 42.5#



#30

Chloroform

Concen: 20.819 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN081015.D

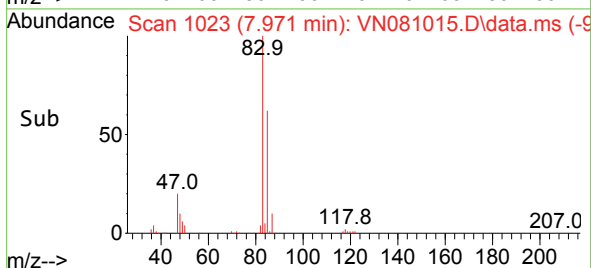
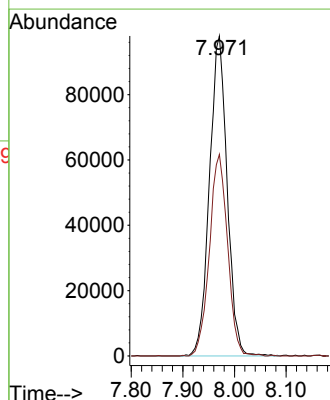
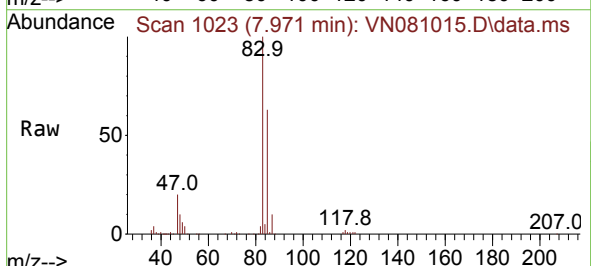
Acq: 12 Feb 2024 19:56

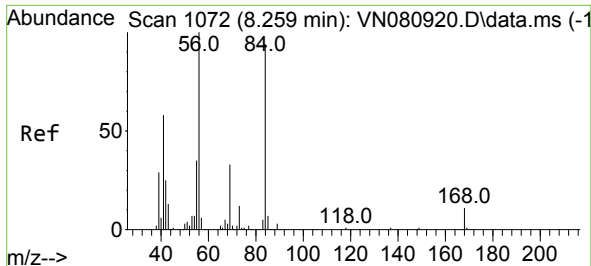
Tgt Ion: 83 Resp: 232696

Ion Ratio Lower Upper

83 100

85 63.0 51.0 76.6

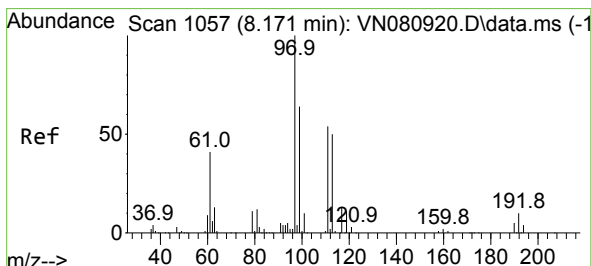
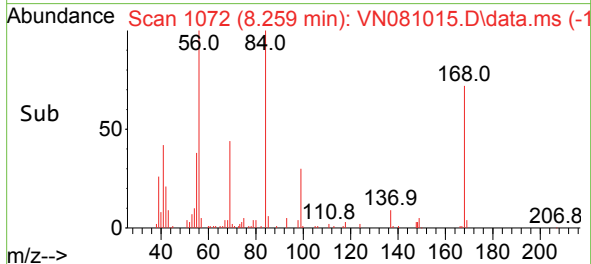
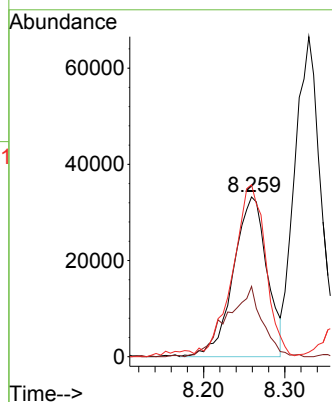
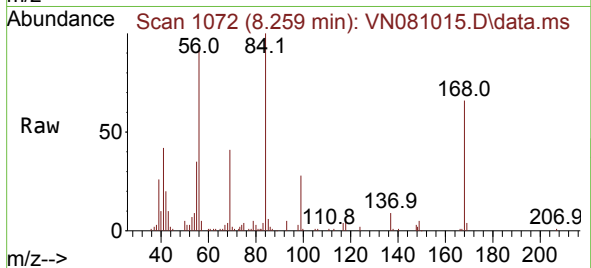




#31
Cyclohexane
Concen: 11.783 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

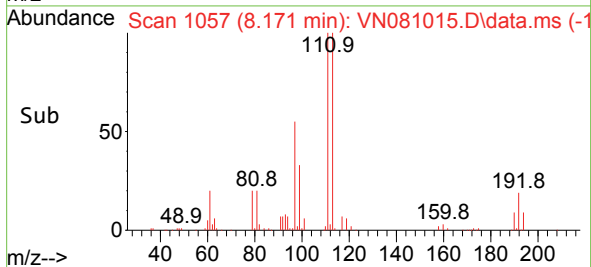
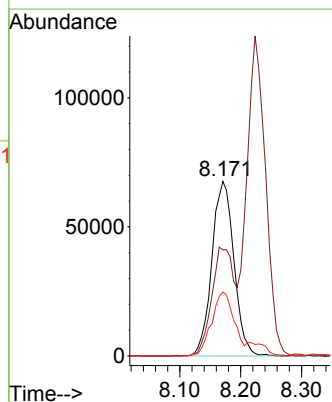
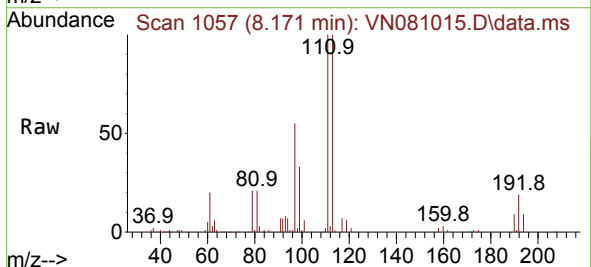
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

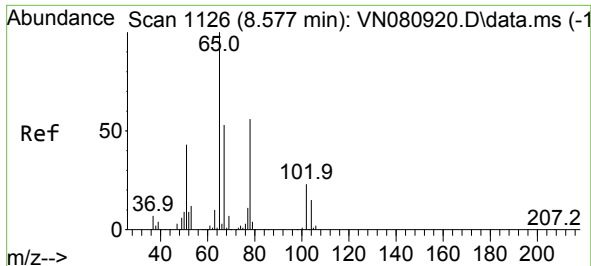
Tgt Ion: 56 Resp: 95814
Ion Ratio Lower Upper
56 100
69 43.3 20.1 30.1#
84 104.6 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 17.595 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion: 97 Resp: 170411
Ion Ratio Lower Upper
97 100
99 63.4 53.4 80.0
61 37.1 43.8 65.8#

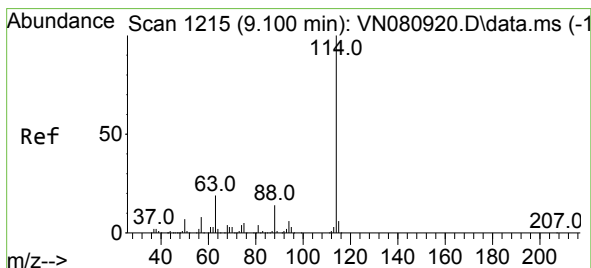
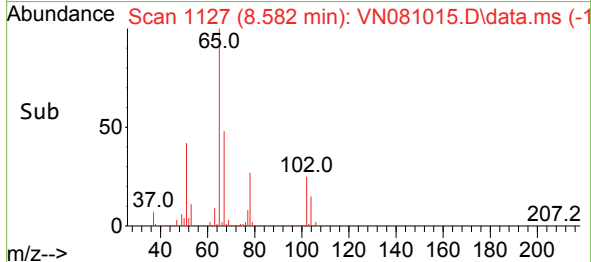
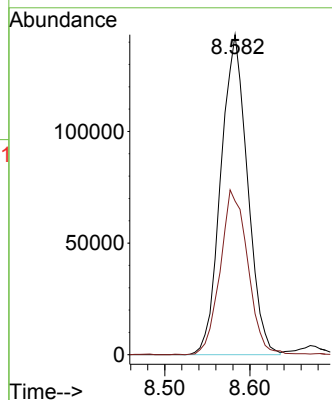
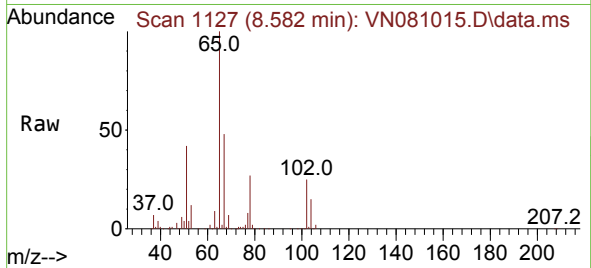




#33
 1,2-Dichloroethane-d4
 Concen: 52.347 ug/l
 RT: 8.582 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN081015.D
 Acq: 12 Feb 2024 19:56

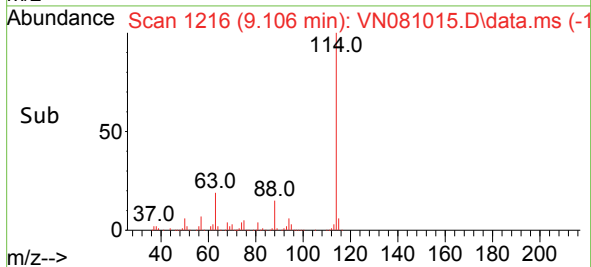
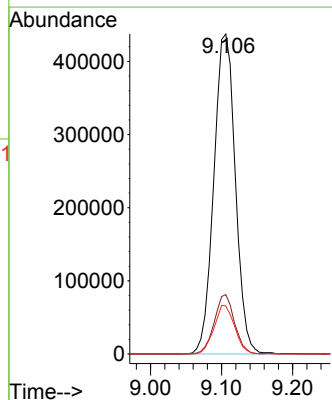
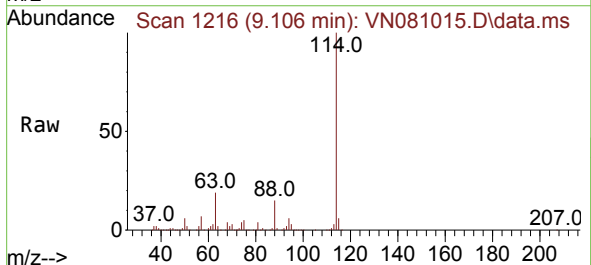
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD02

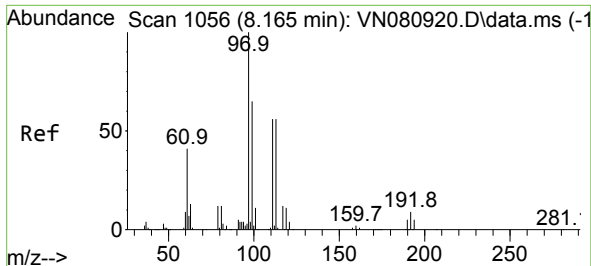
Tgt Ion: 65 Resp: 311465
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: VN081015.D
 Acq: 12 Feb 2024 19:56

Tgt Ion: 114 Resp: 918379
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 48.0
 88 15.0 0.0 34.8

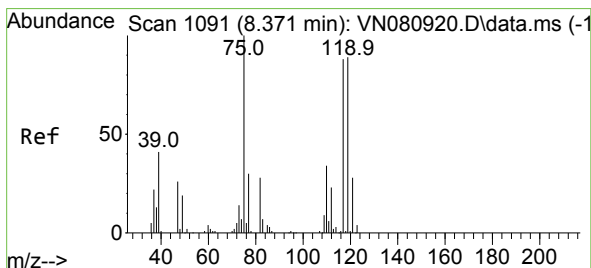
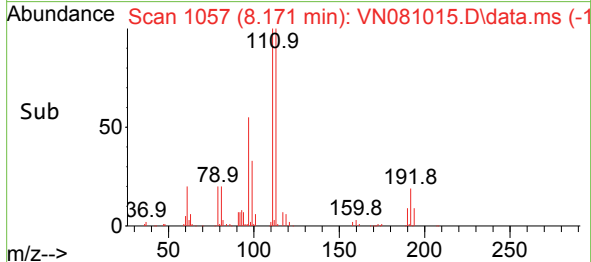
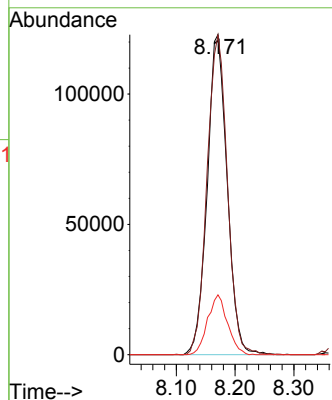
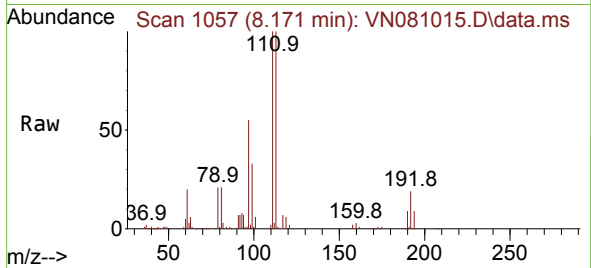




#35
Dibromofluoromethane
Concen: 58.807 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

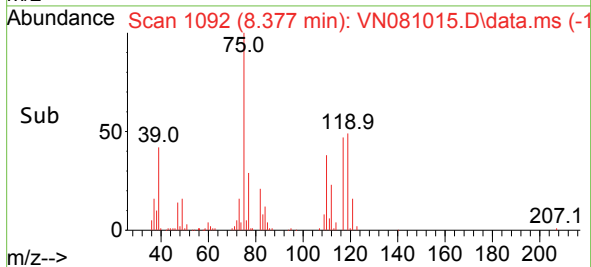
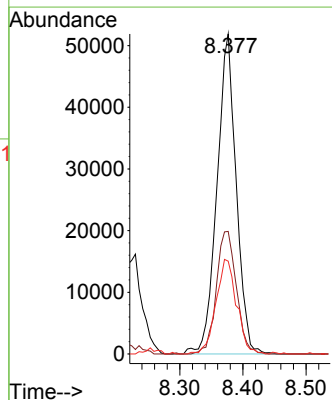
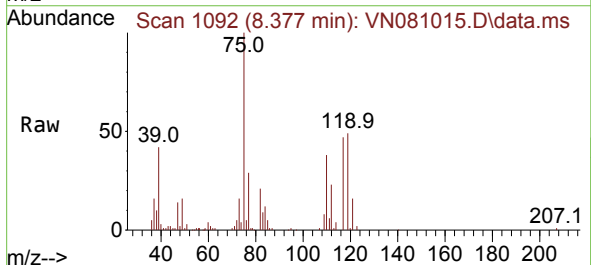
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

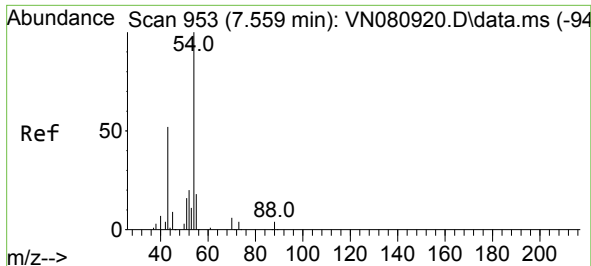
Tgt Ion:113 Resp: 289803
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 18.6 12.5 18.7



#36
1,1-Dichloropropene
Concen: 14.978 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion: 75 Resp: 109807
Ion Ratio Lower Upper
75 100
110 40.1 16.0 48.0
77 31.8 25.8 38.6

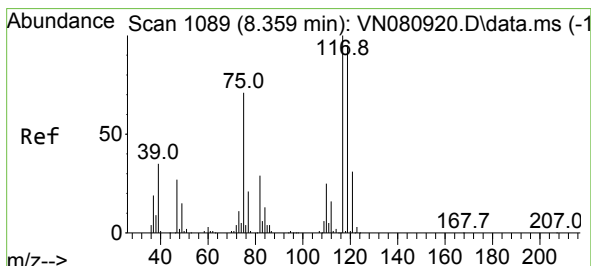
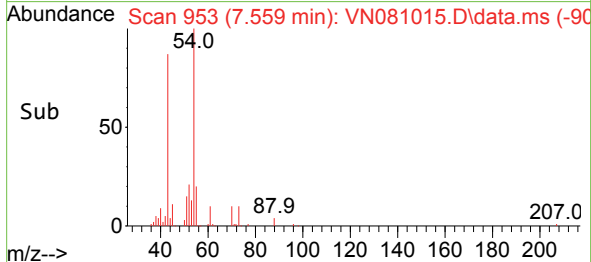
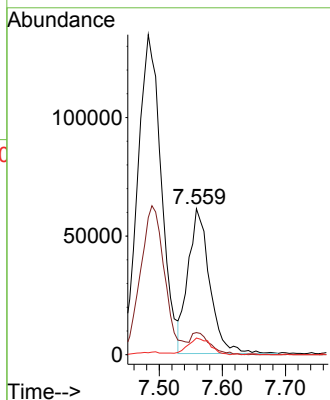
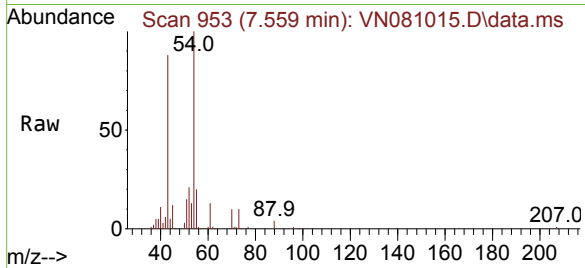




#37
Ethyl Acetate
Concen: 26.138 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

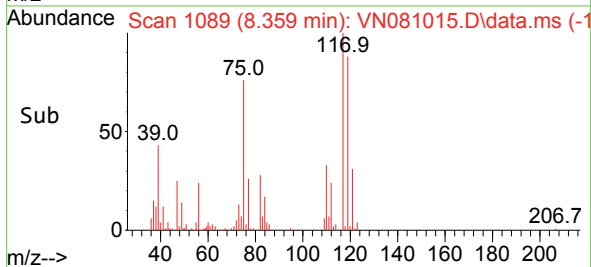
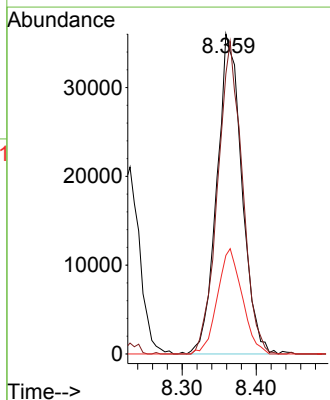
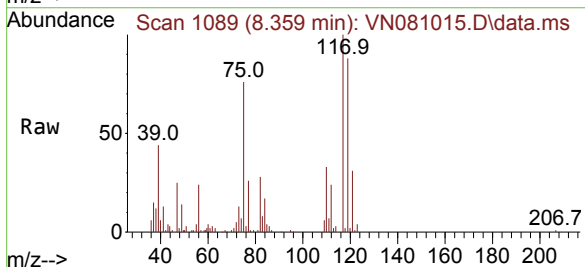
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

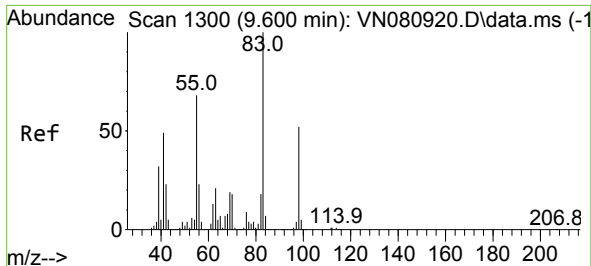
Tgt Ion: 43 Resp: 144997
Ion Ratio Lower Upper
43 100
61 12.9 10.6 15.8
70 11.9 8.0 12.0



#38
Carbon Tetrachloride
Concen: 11.244 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion: 117 Resp: 84503
Ion Ratio Lower Upper
117 100
119 87.6 73.4 110.2
121 30.8 24.4 36.6





#39

Methylcyclohexane

Concen: 12.920 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBSD02

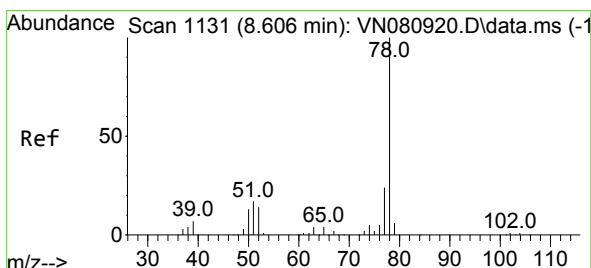
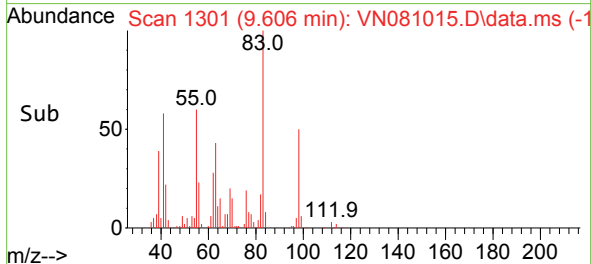
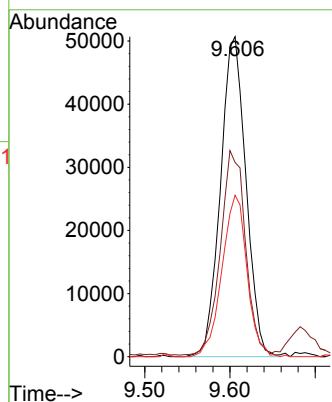
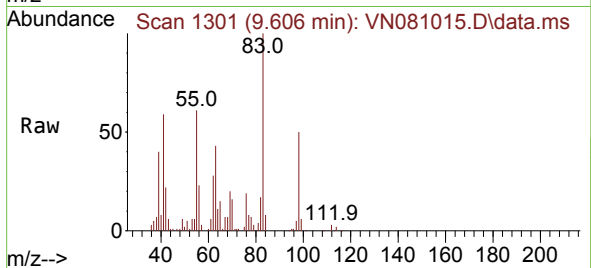
Tgt Ion: 83 Resp: 105566

Ion Ratio Lower Upper

83 100

55 60.2 65.7 98.5#

98 50.4 33.8 50.6



#40

Benzene

Concen: 19.855 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN081015.D

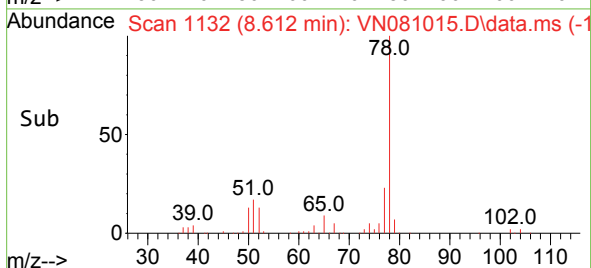
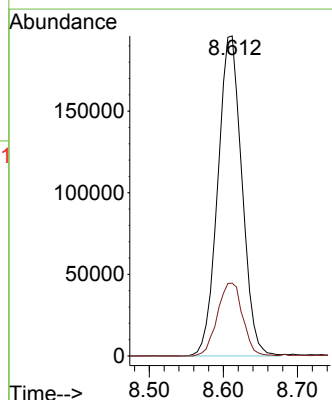
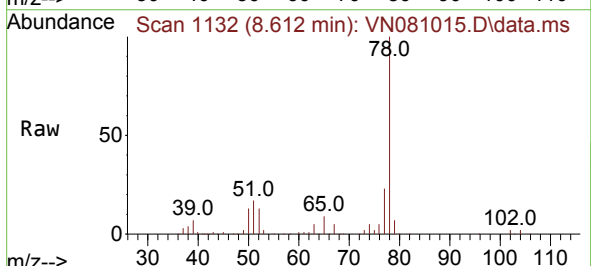
Acq: 12 Feb 2024 19:56

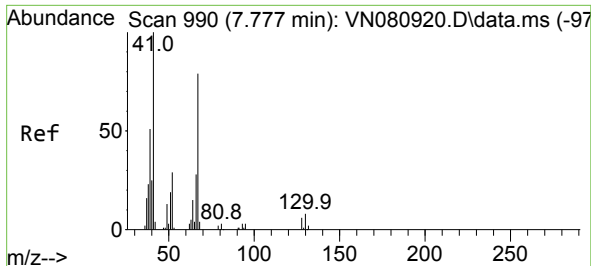
Tgt Ion: 78 Resp: 443084

Ion Ratio Lower Upper

78 100

77 22.8 20.4 30.6

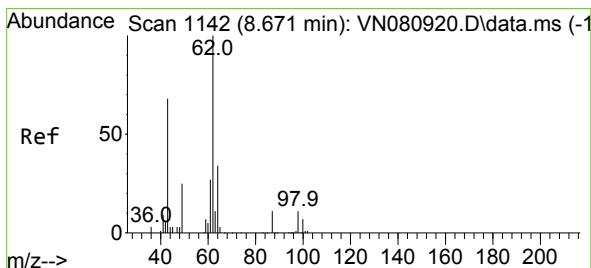
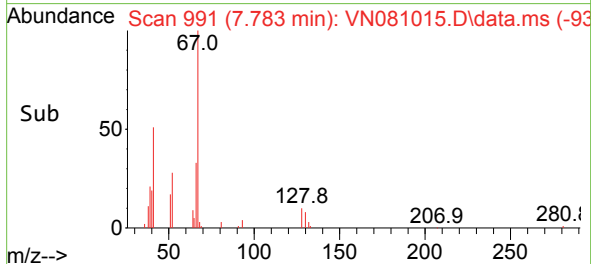
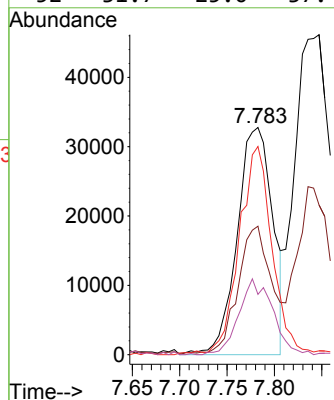
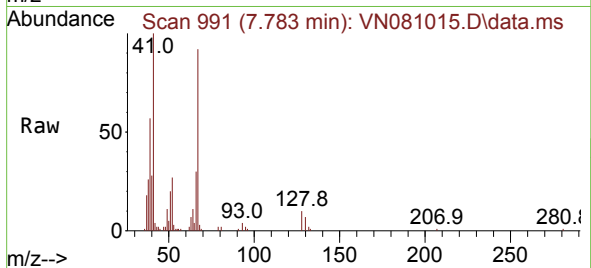




#41
Methacrylonitrile
Concen: 25.832 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

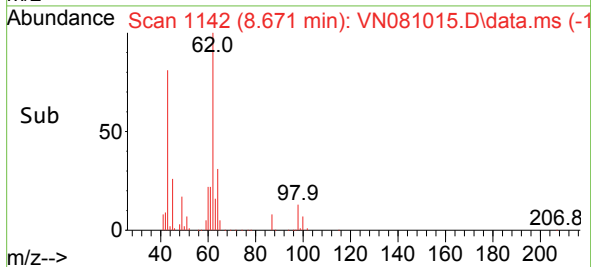
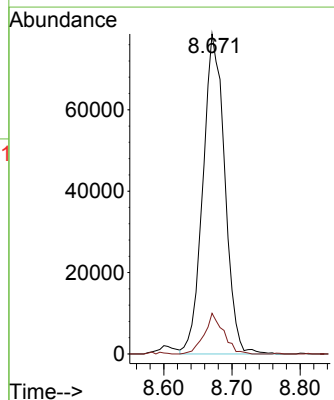
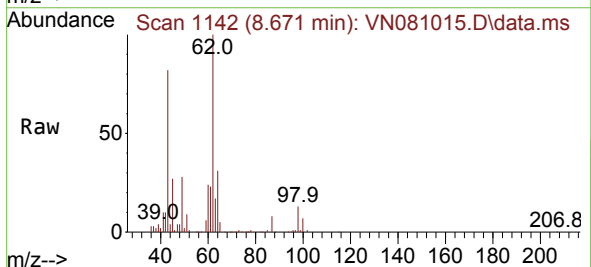
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

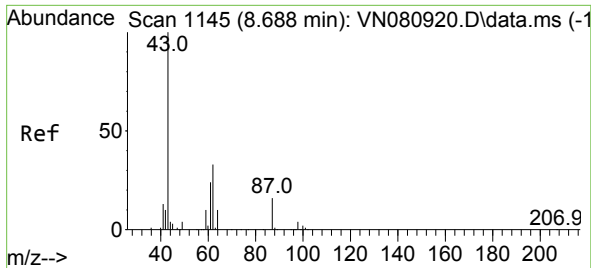
Tgt Ion:	41	Resp:	85399
Ion	Ratio	Lower	Upper
41	100		
39	53.9	48.4	72.6
67	85.5	56.8	85.2#
52	31.7	25.0	37.4



#42
1,2-Dichloroethane
Concen: 22.567 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion:	62	Resp:	175344
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	18.0

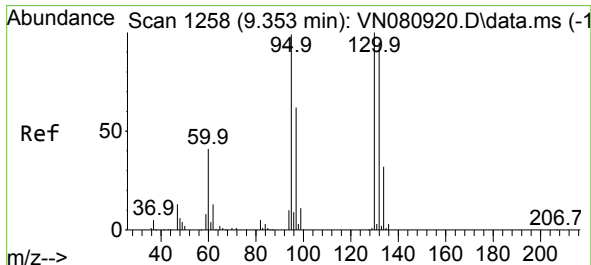
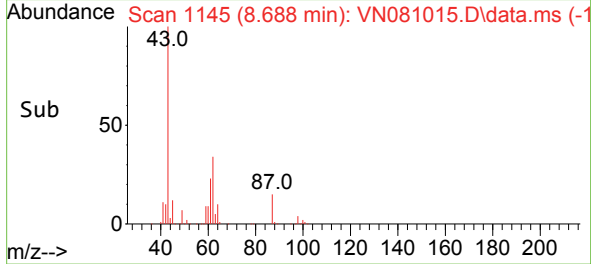
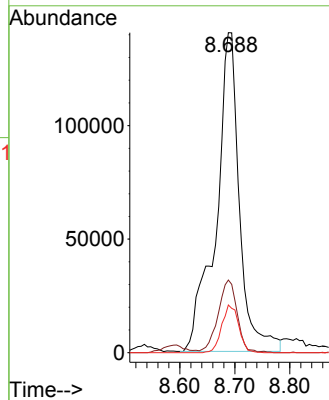
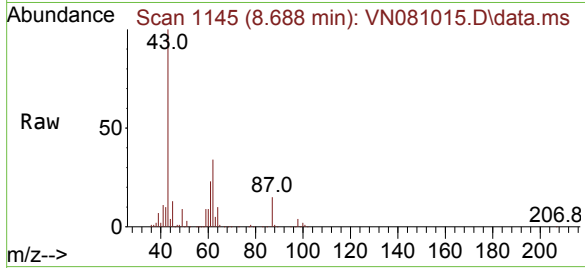




#43
Isopropyl Acetate
Concen: 40.812 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

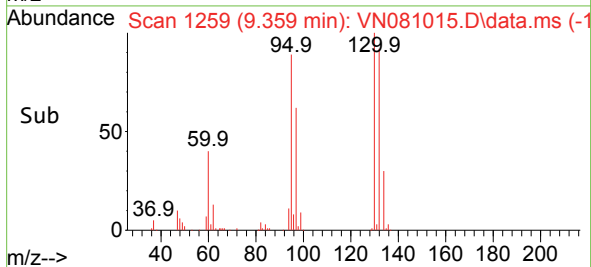
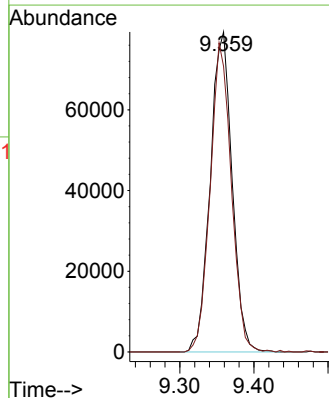
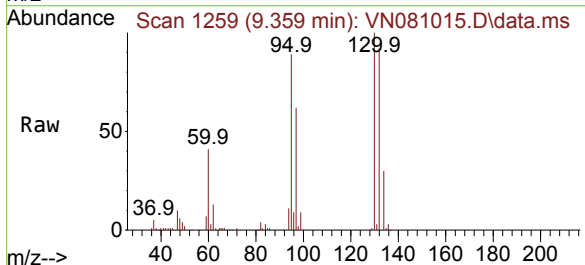
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

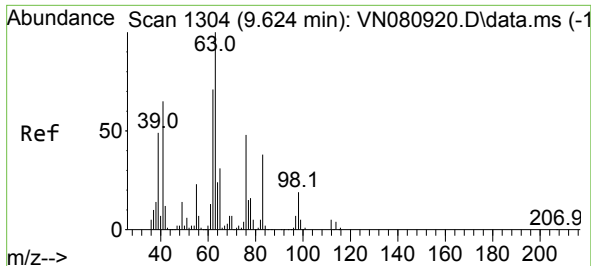
Tgt Ion: 43 Resp: 416310
Ion Ratio Lower Upper
43 100
61 18.6 19.9 29.9#
87 10.8 9.0 13.6



#44
Trichloroethene
Concen: 24.020 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion:130 Resp: 162814
Ion Ratio Lower Upper
130 100
95 89.3 0.0 210.4





#45

1,2-Dichloropropane

Concen: 20.121 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

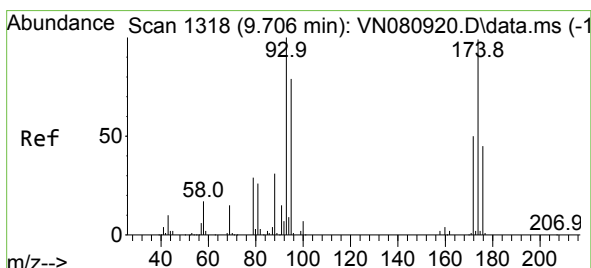
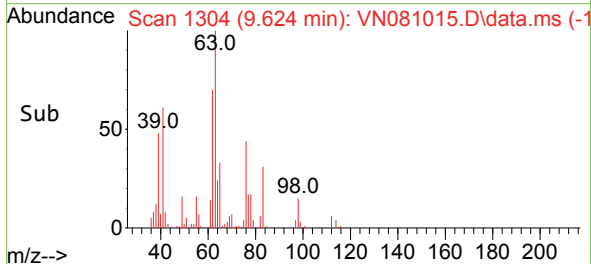
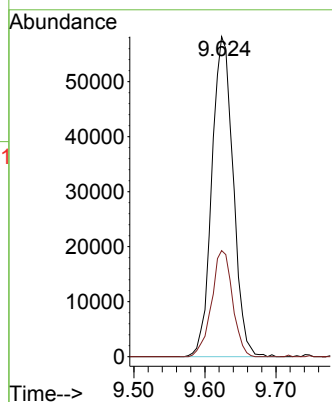
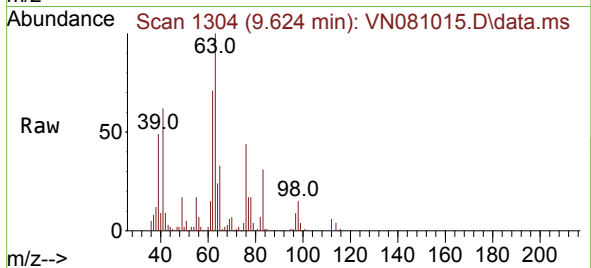
VN0212WBSD02

Tgt Ion: 63 Resp: 121151

Ion Ratio Lower Upper

63 100

65 33.2 26.1 39.1



#46

Dibromomethane

Concen: 22.289 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

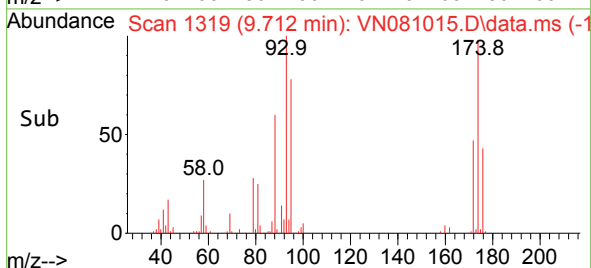
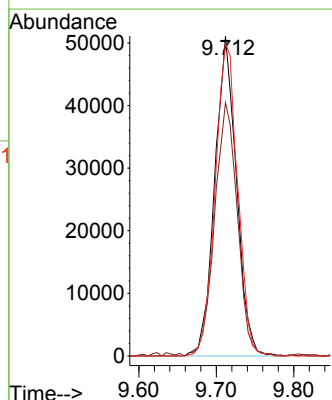
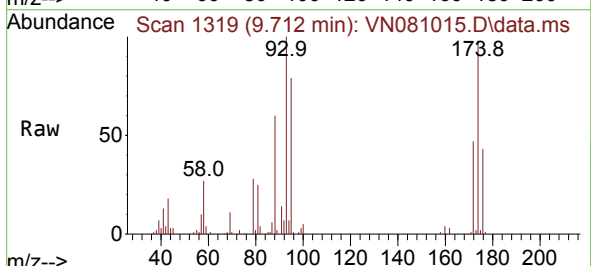
Tgt Ion: 93 Resp: 99236

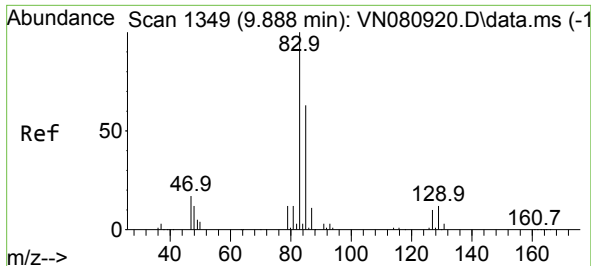
Ion Ratio Lower Upper

93 100

95 82.9 68.1 102.1

174 101.0 57.2 85.8#

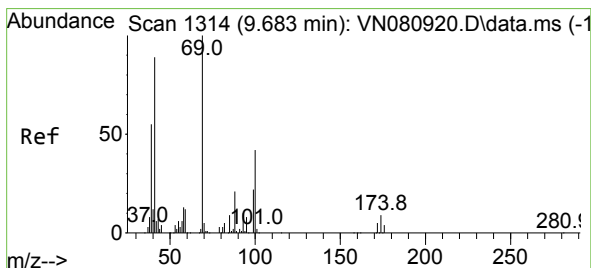
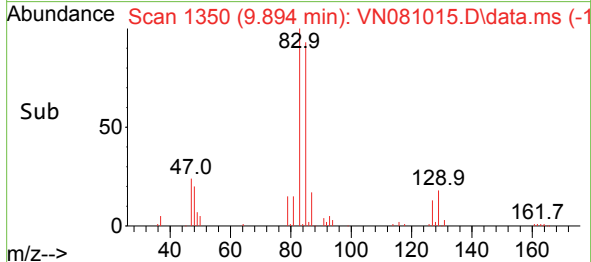
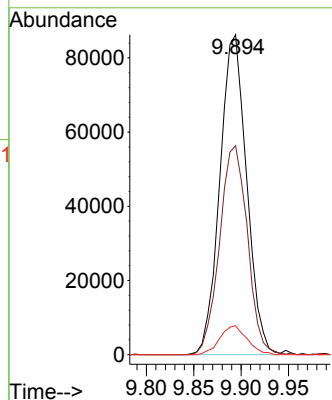
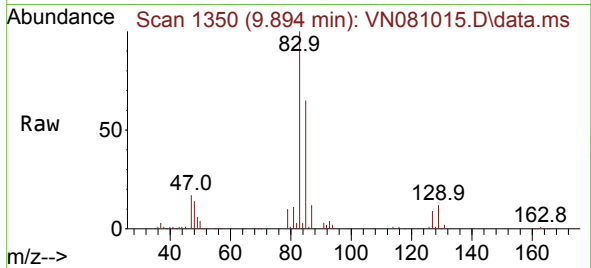




#47
Bromodichloromethane
Concen: 19.493 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

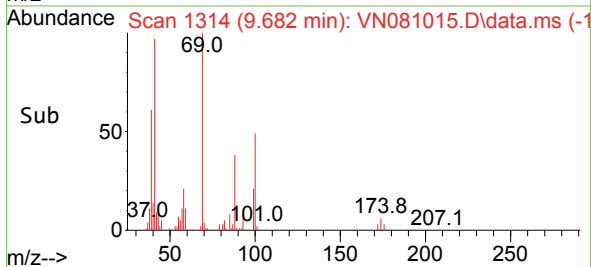
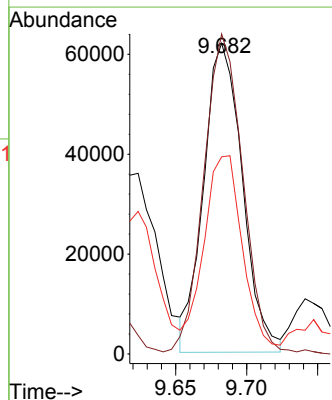
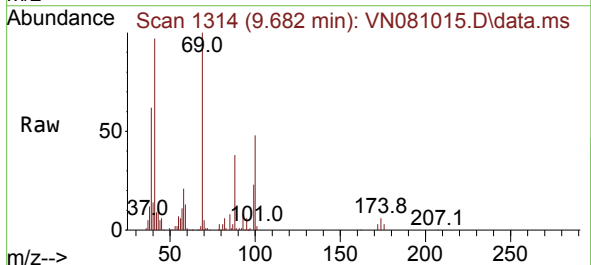
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

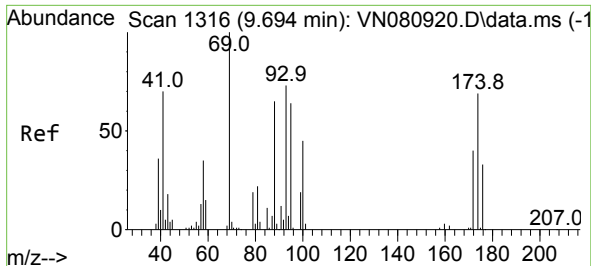
Tgt Ion: 83 Resp: 169758
Ion Ratio Lower Upper
83 100
85 65.3 52.3 78.5
127 9.0 4.6 7.0#



#48
Methyl methacrylate
Concen: 20.430 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion: 41 Resp: 117415
Ion Ratio Lower Upper
41 100
69 104.8 62.2 93.2#
39 64.0 47.6 71.4





#49

1,4-Dioxane

Concen: 974.993 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081015.D

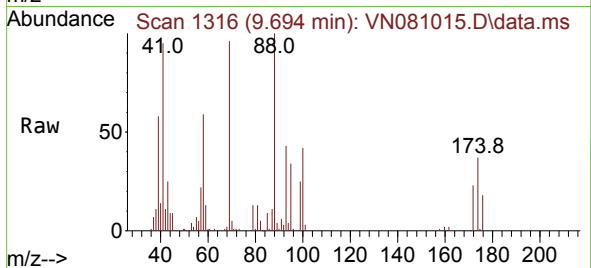
Acq: 12 Feb 2024 19:56

Instrument :

MSVOA_N

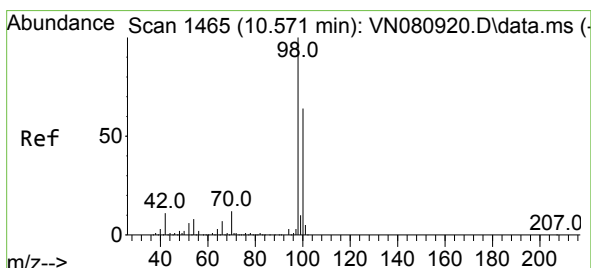
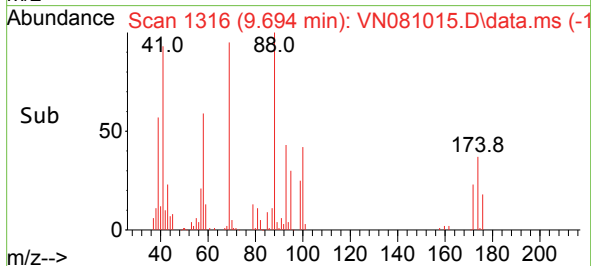
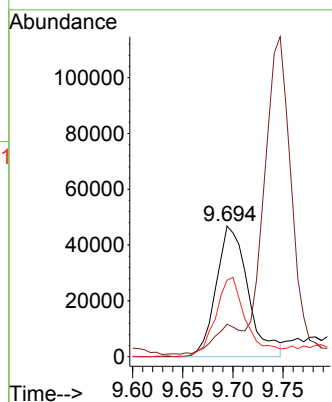
ClientSampleId :

VN0212WBSD02



Tgt Ion: 88 Resp: 103464

Ion	Ratio	Lower	Upper
88	100		
43	21.6	30.1	45.1#
58	58.4	63.9	95.9#



#50

Toluene-d8

Concen: 45.552 ug/l

RT: 10.571 min Scan# 1465

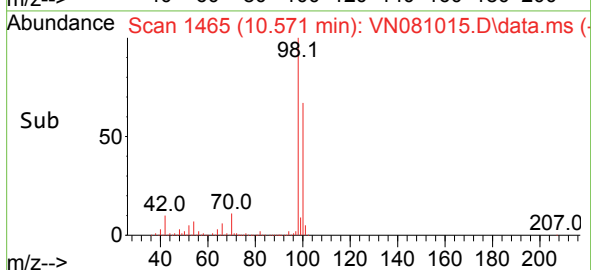
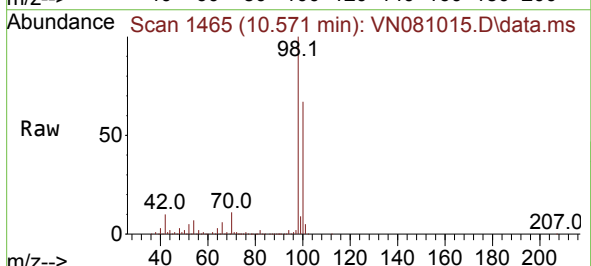
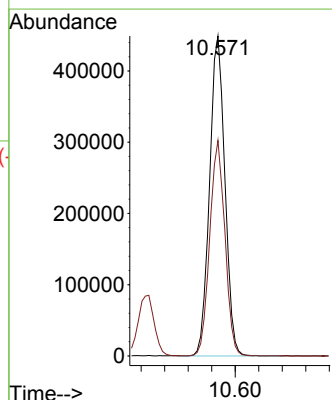
Delta R.T. -0.000 min

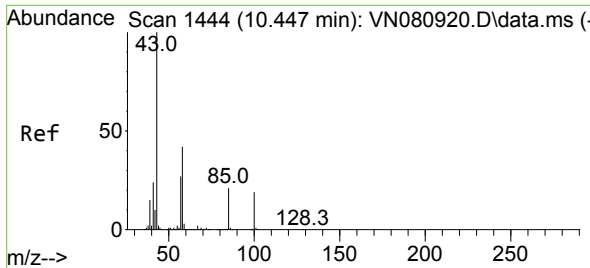
Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

Tgt Ion: 98 Resp: 811974

Ion	Ratio	Lower	Upper
98	100		
100	66.8	51.4	77.0

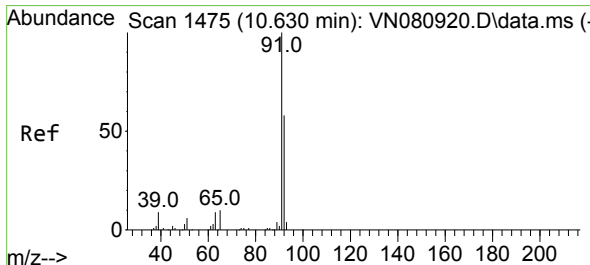
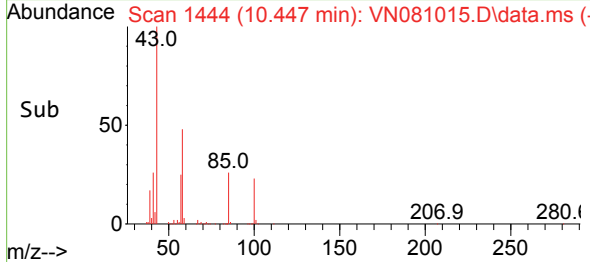
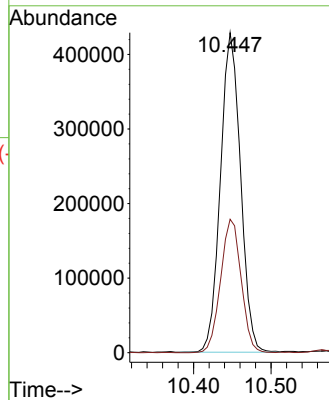
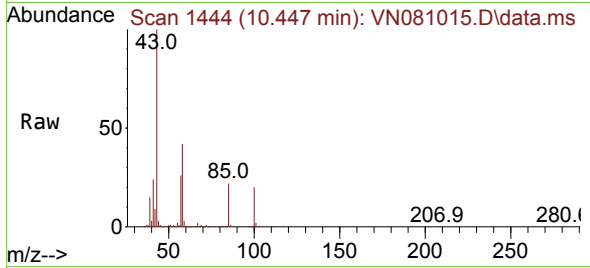




#51
4-Methyl-2-Pentanone
Concen: 125.745 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

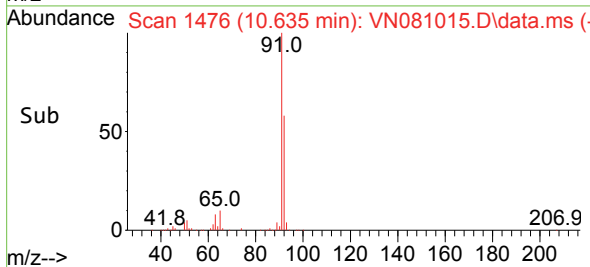
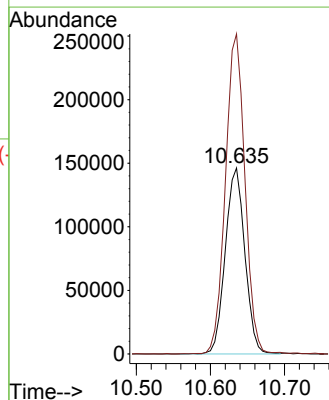
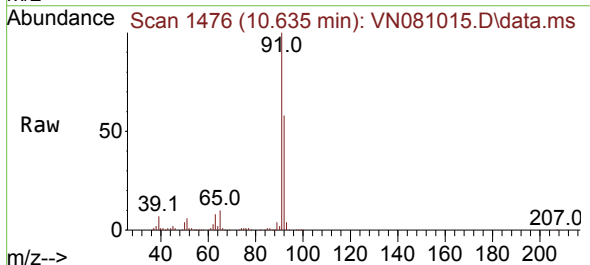
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

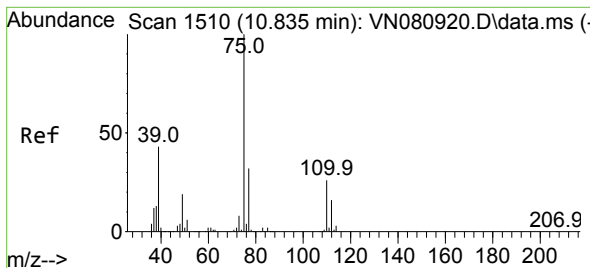
Tgt Ion: 43 Resp: 773004
Ion Ratio Lower Upper
43 100
58 42.7 29.4 44.0



#52
Toluene
Concen: 17.930 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion: 92 Resp: 268013
Ion Ratio Lower Upper
92 100
91 171.4 139.4 209.0

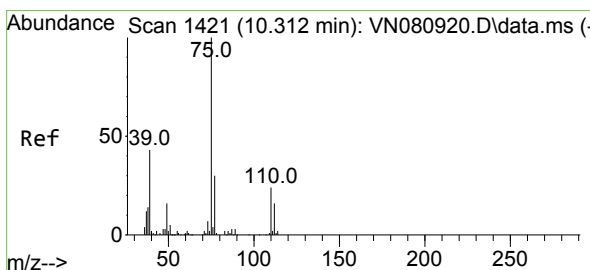
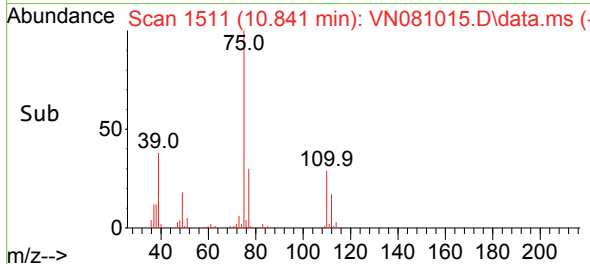
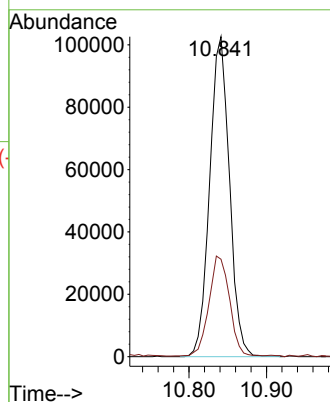
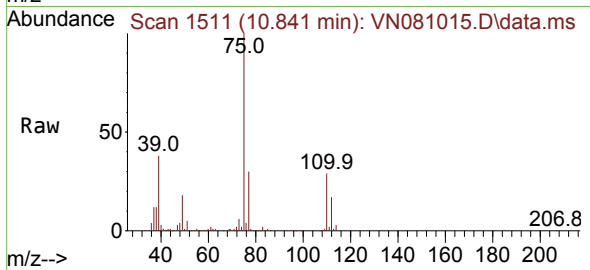




#53
 t-1,3-Dichloropropene
 Concen: 21.578 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN081015.D
 Acq: 12 Feb 2024 19:56

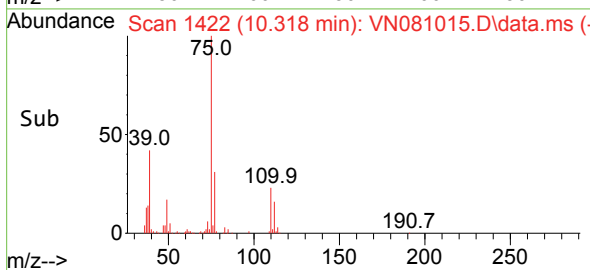
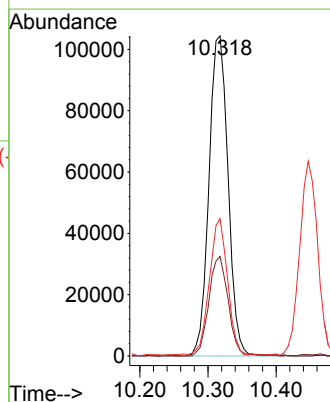
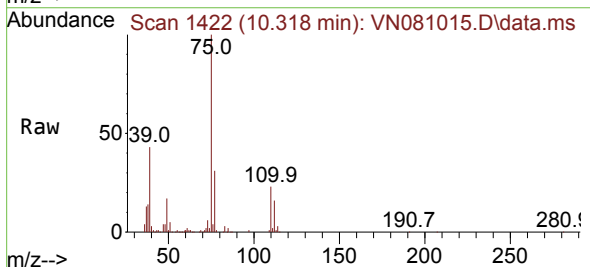
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD02

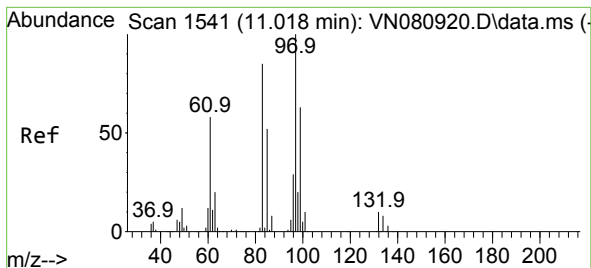
Tgt Ion: 75 Resp: 181833
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 21.525 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081015.D
 Acq: 12 Feb 2024 19:56

Tgt Ion: 75 Resp: 203607
 Ion Ratio Lower Upper
 75 100
 77 31.1 23.3 34.9
 39 42.6 44.6 66.8#





#55

1,1,2-Trichloroethane

Concen: 22.021 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBSD02

Tgt Ion: 97 Resp: 127221

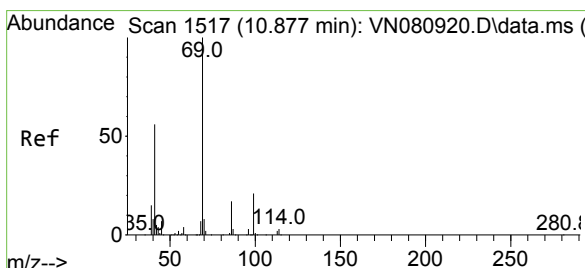
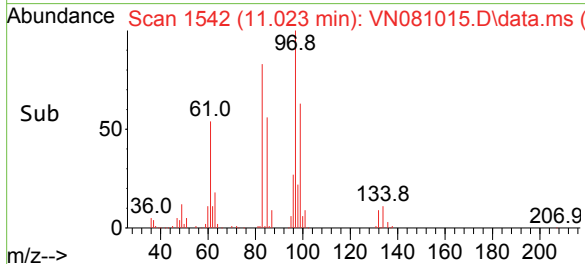
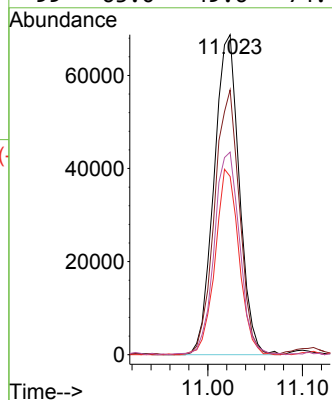
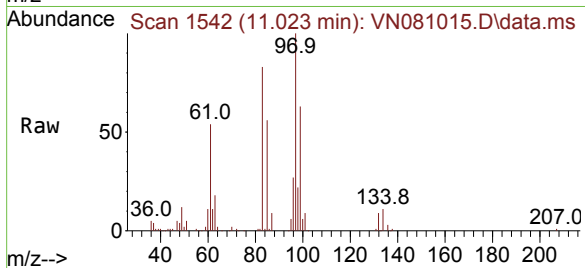
Ion Ratio Lower Upper

97 100

83 82.4 72.9 109.3

85 55.7 50.2 75.2

99 63.0 49.6 74.4



#56

Ethyl methacrylate

Concen: 28.835 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.001 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

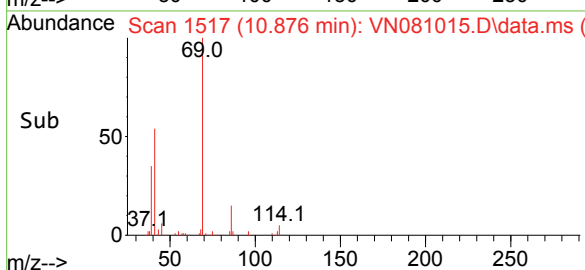
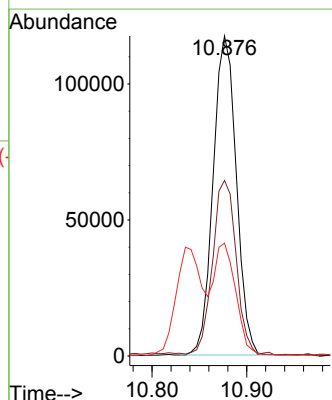
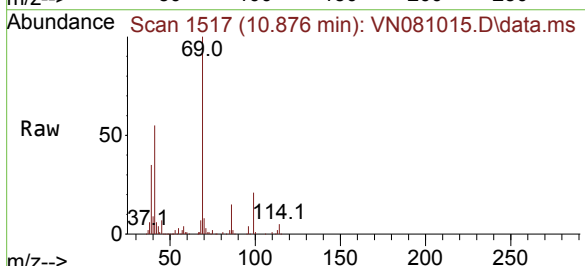
Tgt Ion: 69 Resp: 199285

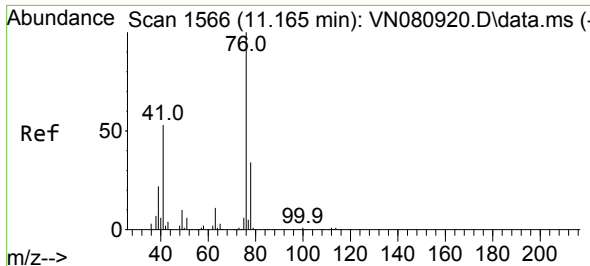
Ion Ratio Lower Upper

69 100

41 55.7 61.0 91.6#

39 33.1 31.8 47.6





#57

1,3-Dichloropropane

Concen: 22.912 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

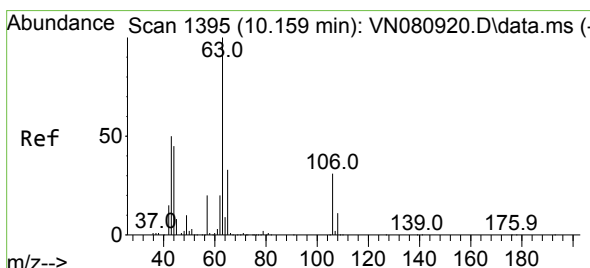
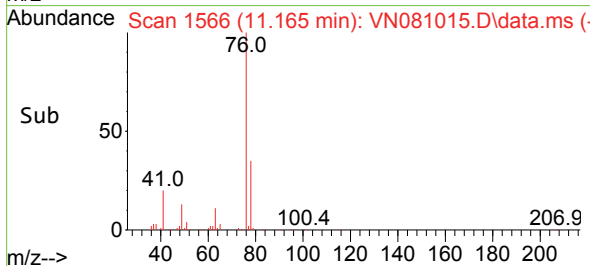
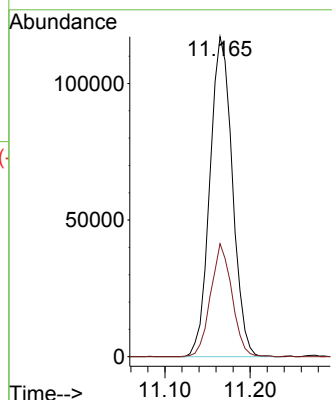
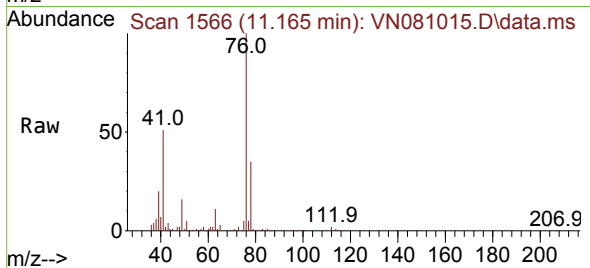
VN0212WBSD02

Tgt Ion: 76 Resp: 214764

Ion Ratio Lower Upper

76 100

78 33.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 104.853 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081015.D

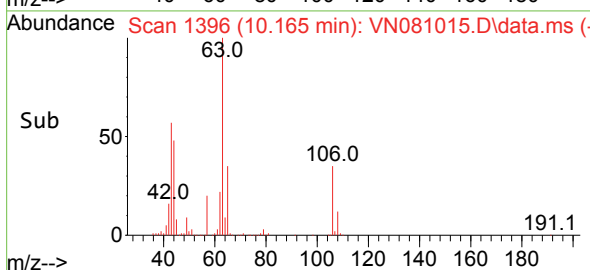
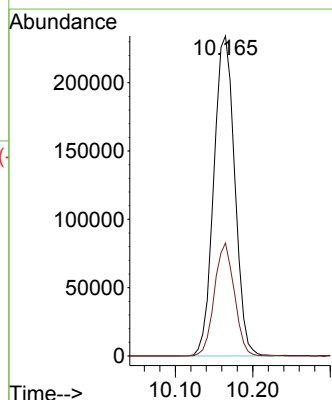
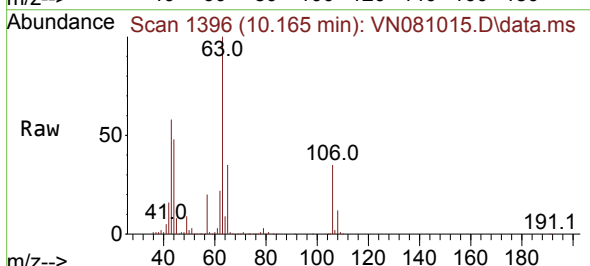
Acq: 12 Feb 2024 19:56

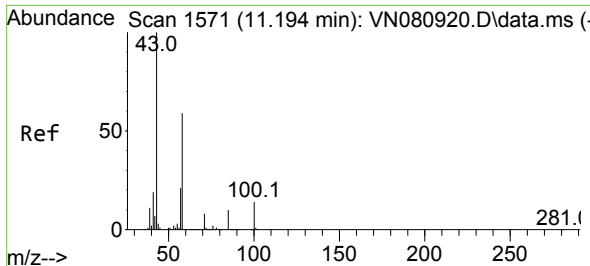
Tgt Ion: 63 Resp: 439942

Ion Ratio Lower Upper

63 100

106 33.6 18.6 28.0#

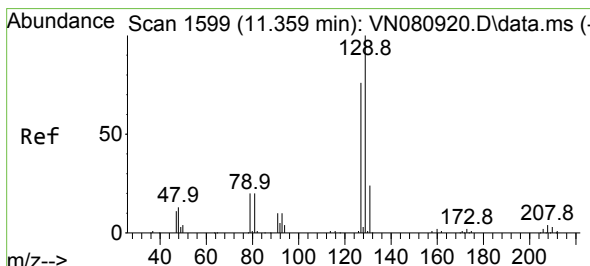
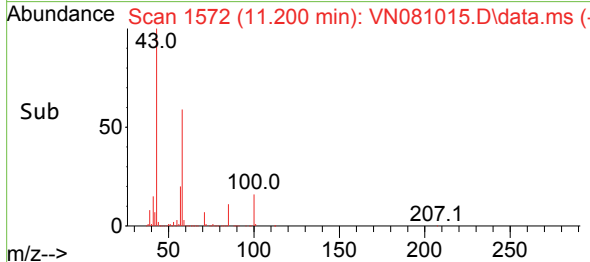
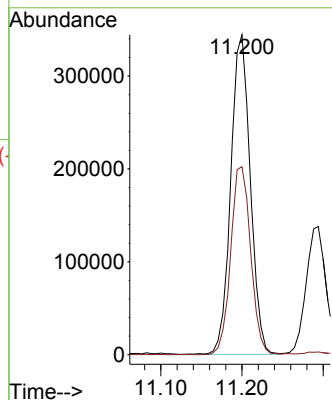
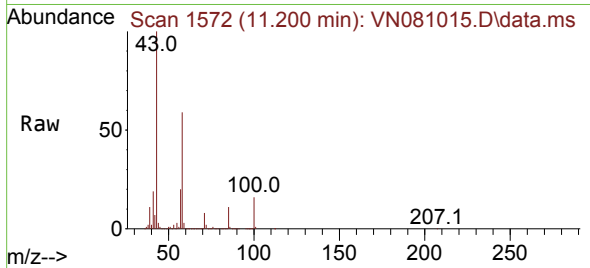




#59
2-Hexanone
Concen: 123.116 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

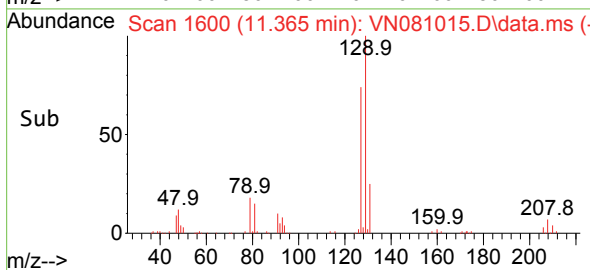
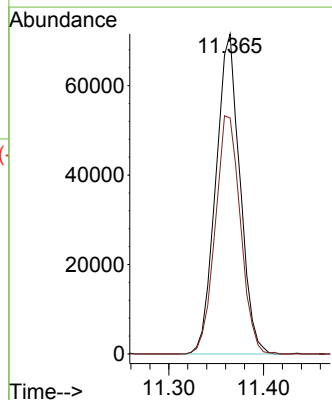
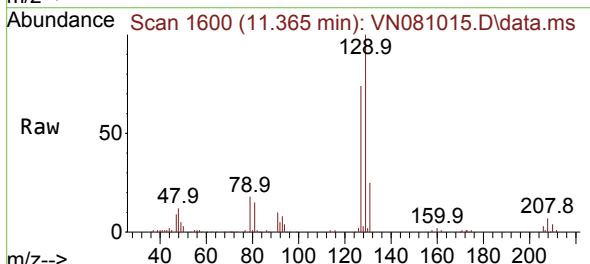
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

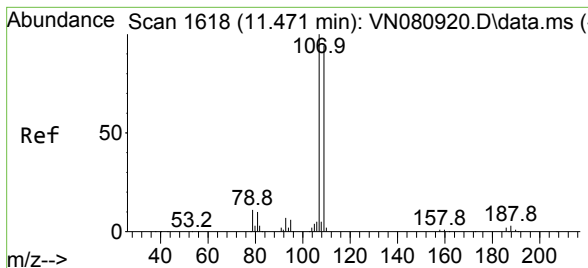
Tgt Ion: 43 Resp: 573636
Ion Ratio Lower Upper
43 100
58 60.2 25.9 77.8



#60
Dibromochloromethane
Concen: 21.441 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion:129 Resp: 126570
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.2





#61

1,2-Dibromoethane

Concen: 24.825 ug/l

RT: 11.476 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

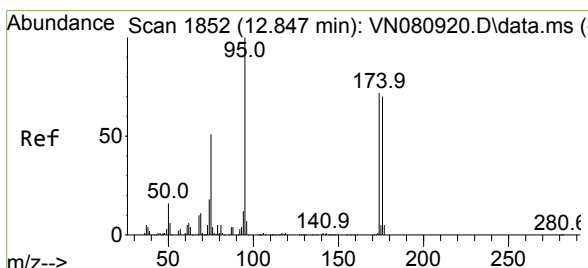
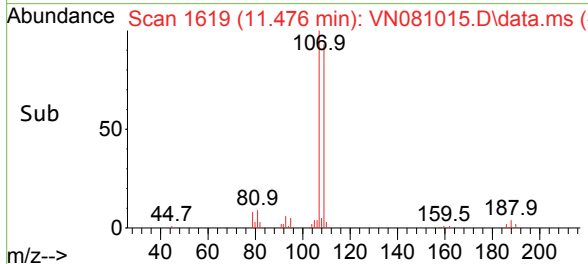
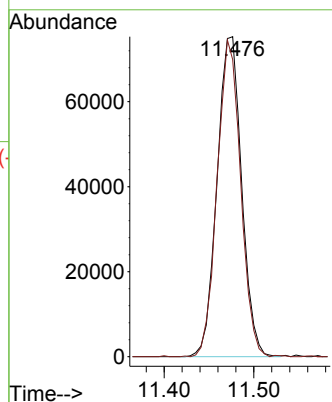
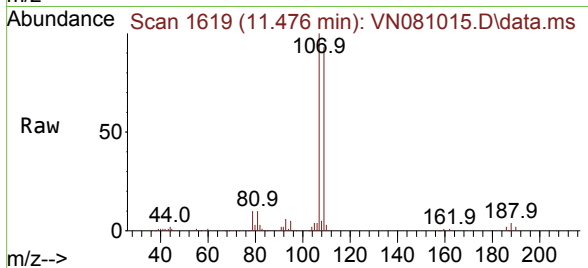
VN0212WBSD02

Tgt Ion:107 Resp: 143063

Ion Ratio Lower Upper

107 100

109 94.5 73.4 110.2



#62

4-Bromofluorobenzene

Concen: 42.343 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

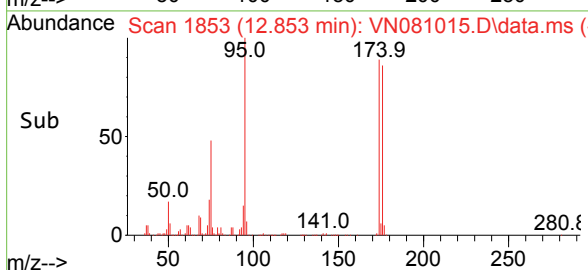
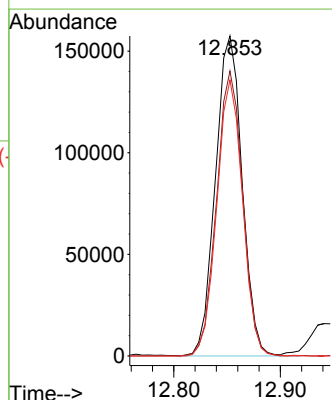
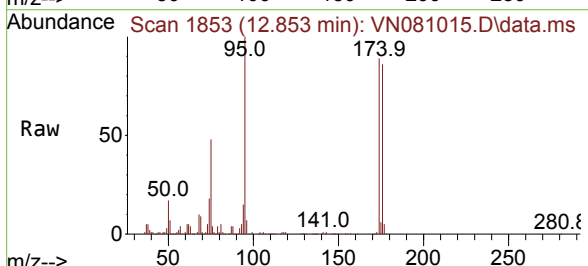
Tgt Ion: 95 Resp: 274190

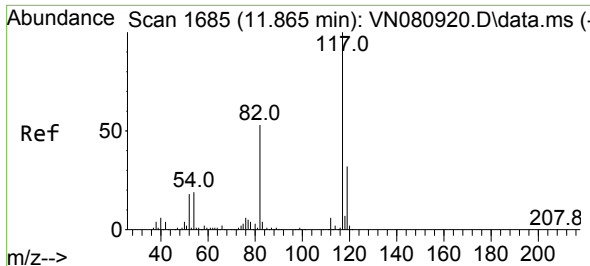
Ion Ratio Lower Upper

95 100

174 87.1 0.0 120.4

176 83.1 0.0 121.0

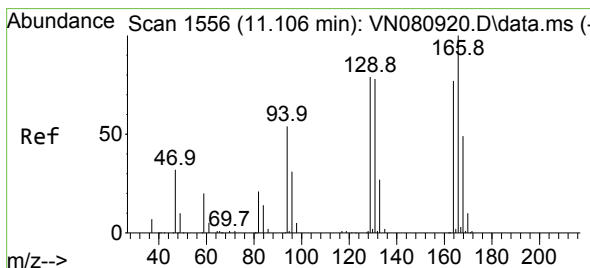
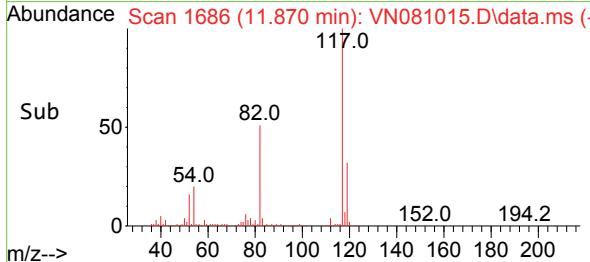
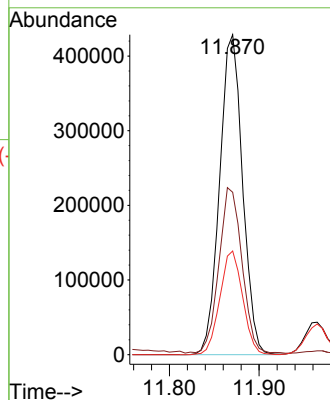
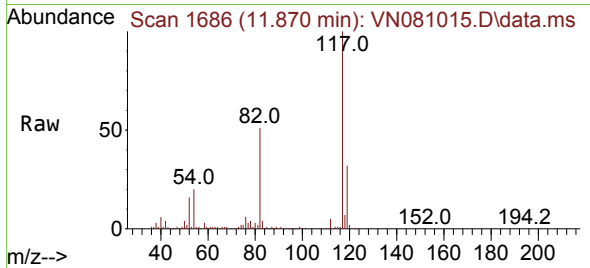




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

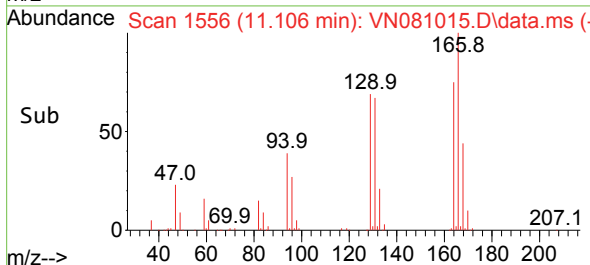
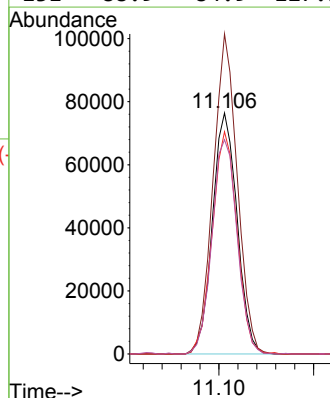
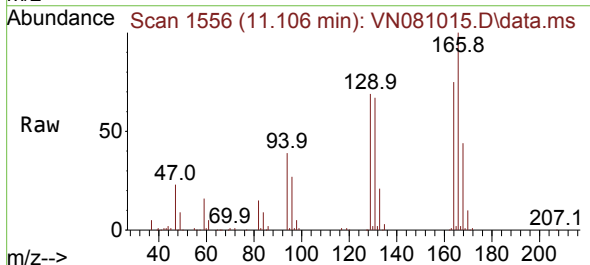
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

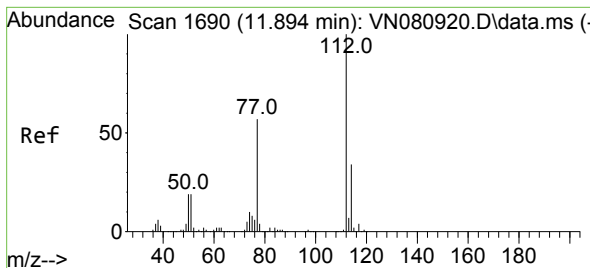
Tgt Ion:117 Resp: 760245
Ion Ratio Lower Upper
117 100
82 50.1 52.7 79.1#
119 32.4 25.3 37.9



#64
Tetrachloroethene
Concen: 24.048 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion:164 Resp: 137998
Ion Ratio Lower Upper
164 100
166 132.8 105.8 158.6
129 92.2 89.6 134.4
131 88.9 84.9 127.3





#65

Chlorobenzene

Concen: 18.200 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

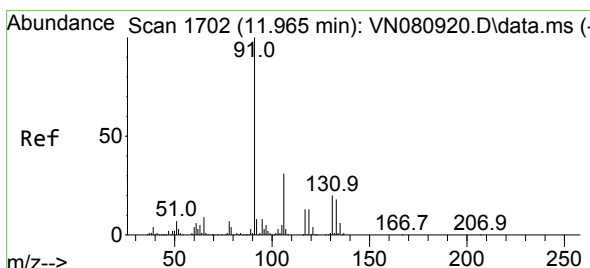
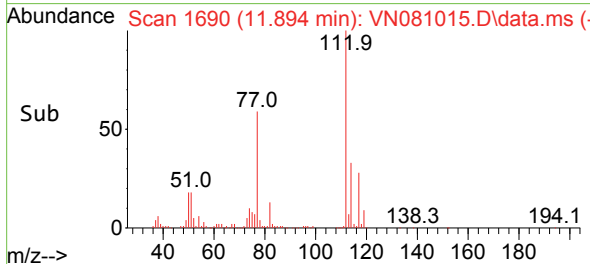
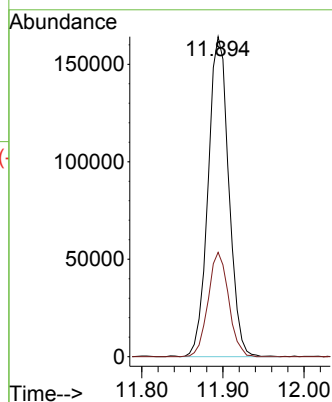
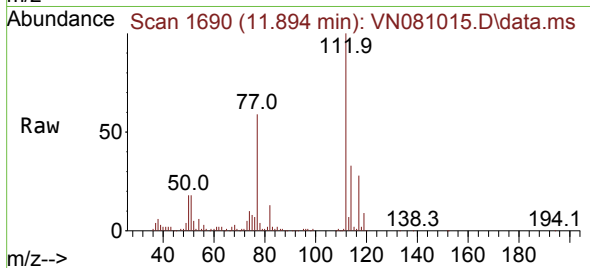
VN0212WBSD02

Tgt Ion:112 Resp: 289978

Ion Ratio Lower Upper

112 100

114 32.6 23.7 35.5



#66

1,1,1,2-Tetrachloroethane

Concen: 19.742 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

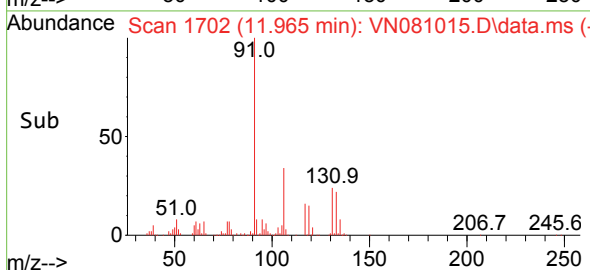
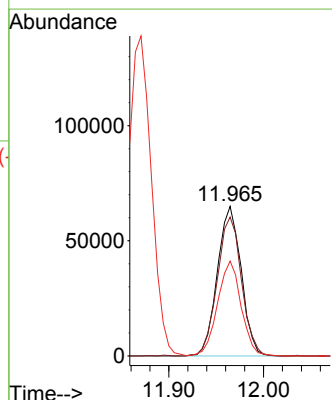
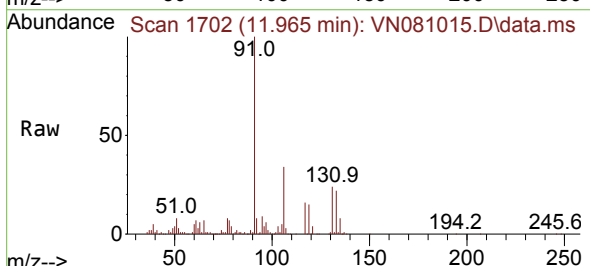
Tgt Ion:131 Resp: 113510

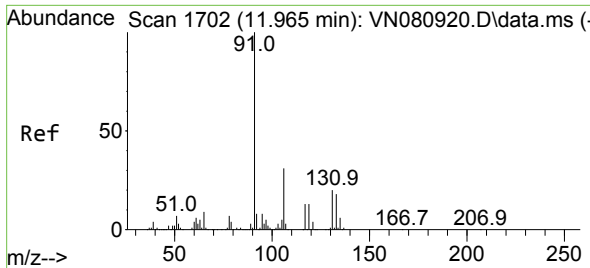
Ion Ratio Lower Upper

131 100

133 95.0 46.8 140.3

119 62.8 34.6 103.9

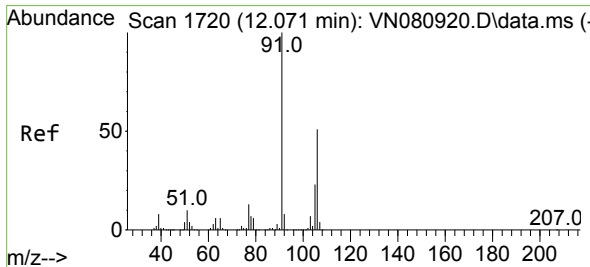
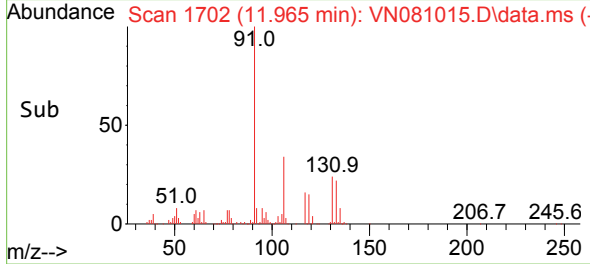
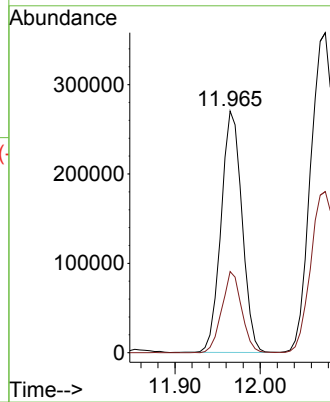
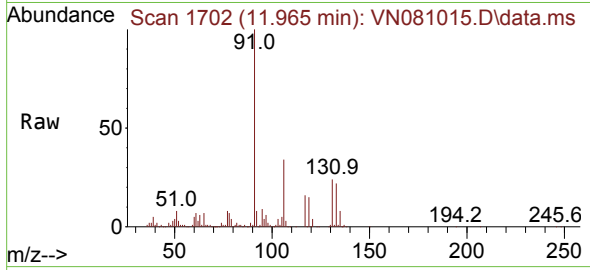




#67
Ethyl Benzene
Concen: 16.826 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

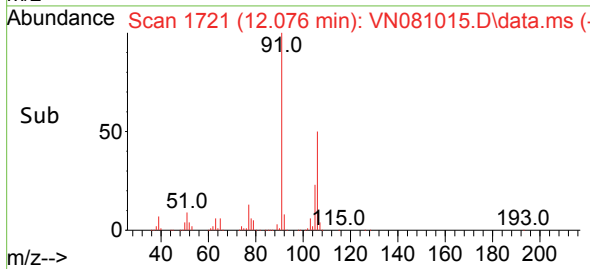
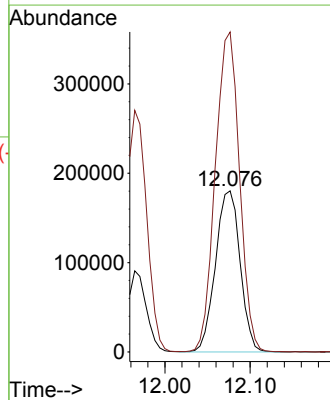
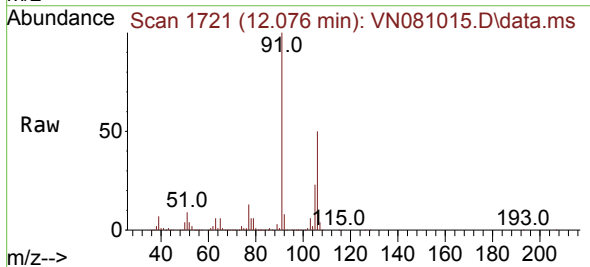
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

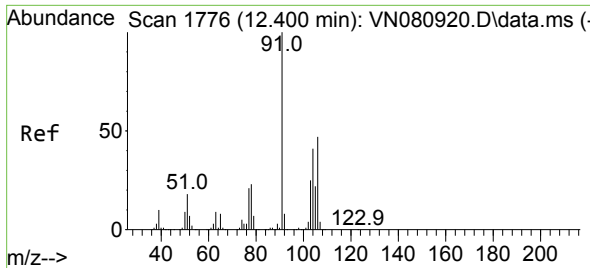
Tgt Ion: 91 Resp: 461799
Ion Ratio Lower Upper
91 100
106 33.6 23.8 35.6



#68
m/p-Xylenes
Concen: 34.729 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion: 106 Resp: 362135
Ion Ratio Lower Upper
106 100
91 195.0 169.0 253.6

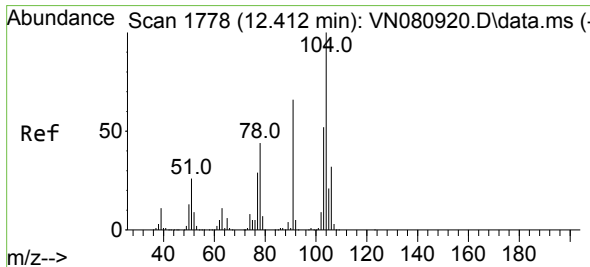
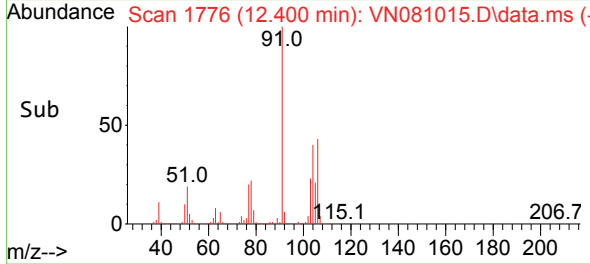
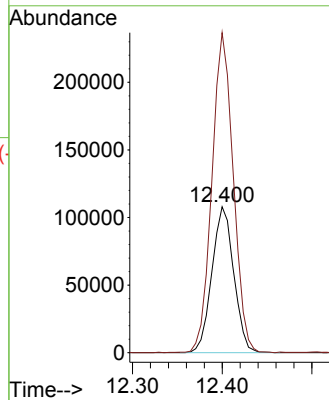
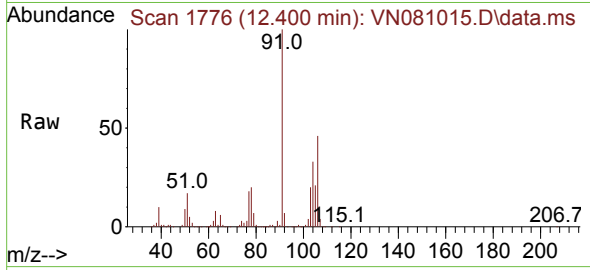




#69
o-Xylene
Concen: 18.015 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

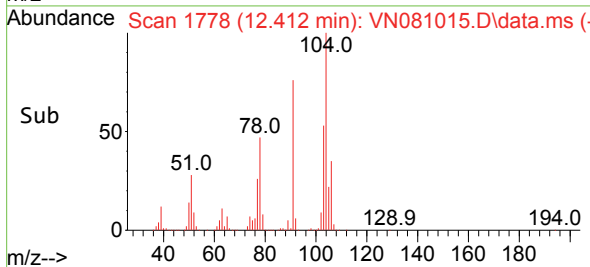
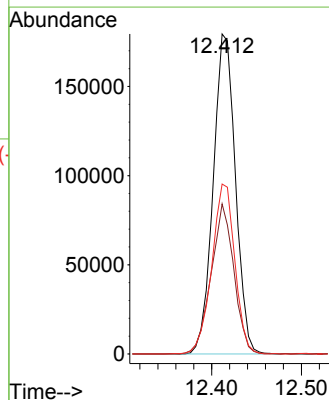
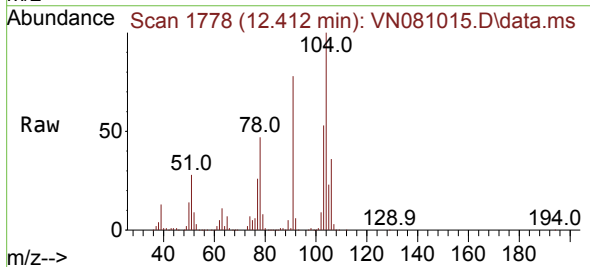
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

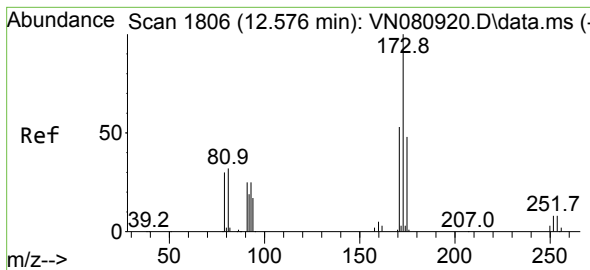
Tgt Ion:106 Resp: 182278
Ion Ratio Lower Upper
106 100
91 214.8 112.1 336.3



#70
Styrene
Concen: 20.323 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion:104 Resp: 308615
Ion Ratio Lower Upper
104 100
78 48.0 43.8 65.8
103 55.1 44.2 66.2





#71

Bromoform

Concen: 19.040 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBSD02

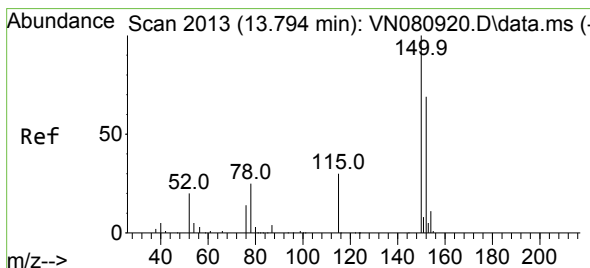
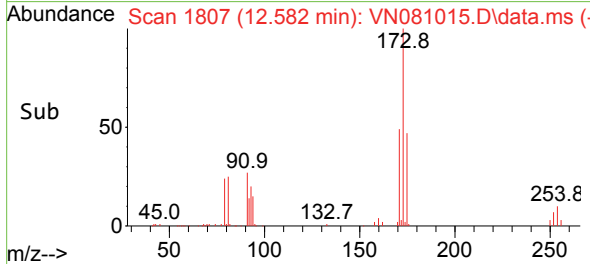
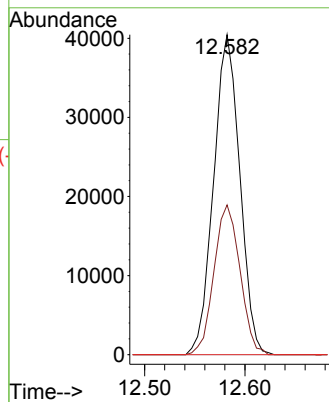
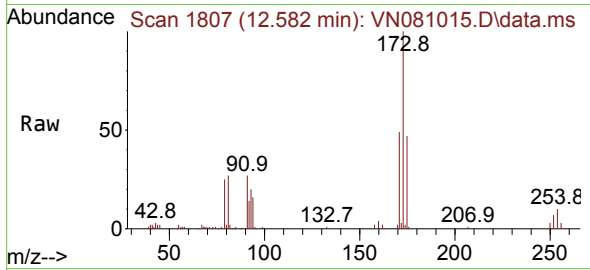
Tgt Ion:173 Resp: 73319

Ion Ratio Lower Upper

173 100

175 46.5 23.1 69.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

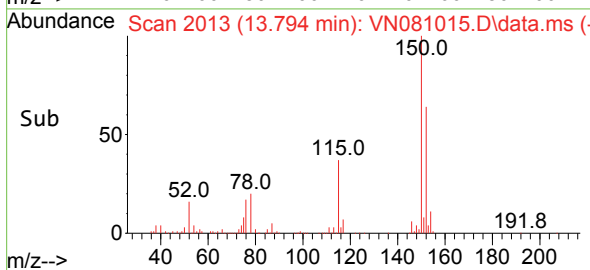
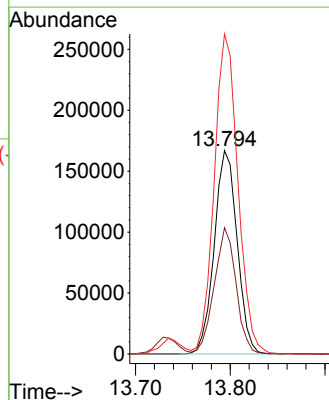
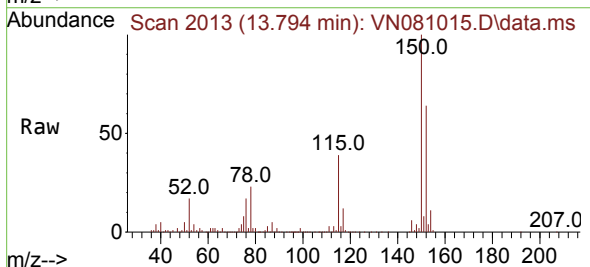
Tgt Ion:152 Resp: 280307

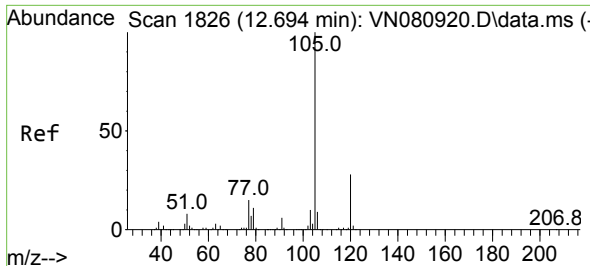
Ion Ratio Lower Upper

152 100

115 59.3 32.3 96.8

150 162.9 0.0 339.8

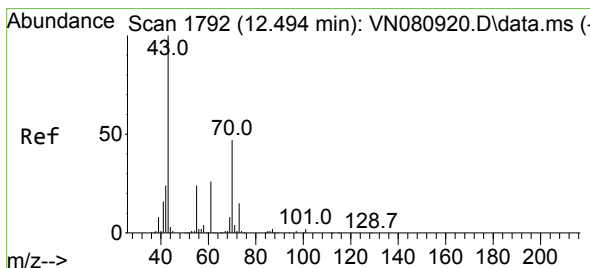
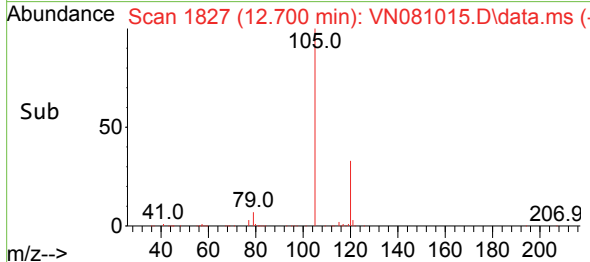
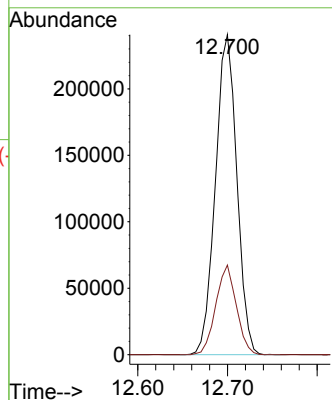
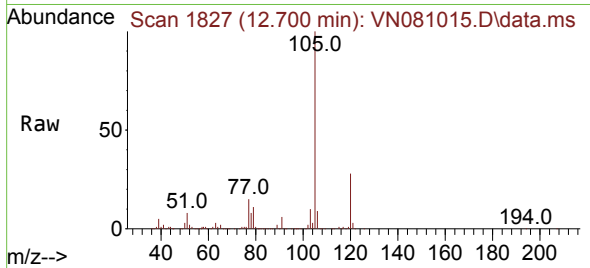




#73
Isopropylbenzene
Concen: 18.303 ug/l
RT: 12.700 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

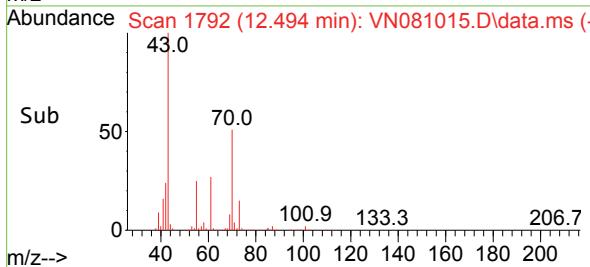
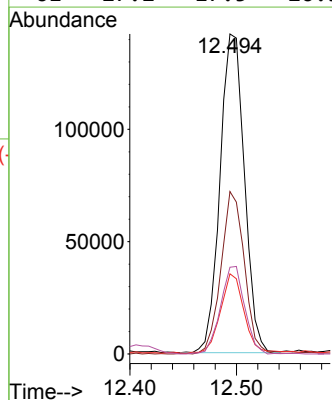
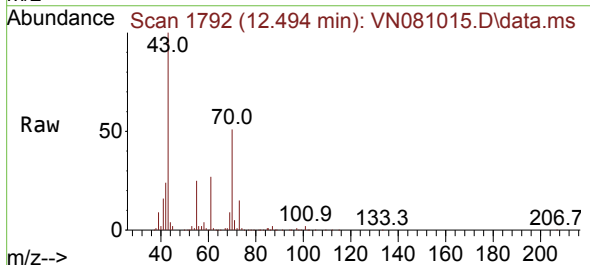
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

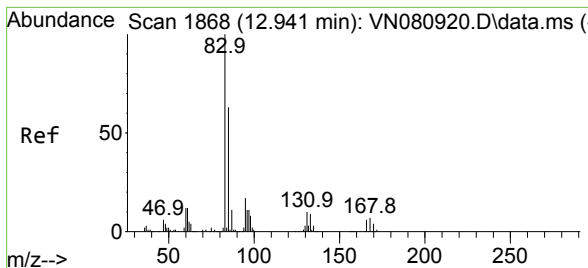
Tgt Ion:105 Resp: 399014
Ion Ratio Lower Upper
105 100
120 26.9 12.6 37.6



#74
N-ethyl acetate
Concen: 28.730 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion: 43 Resp: 225758
Ion Ratio Lower Upper
43 100
70 48.7 30.1 45.1#
55 24.2 17.0 25.4
61 27.2 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 24.543 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBSD02

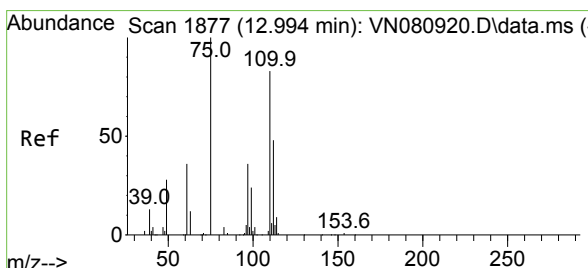
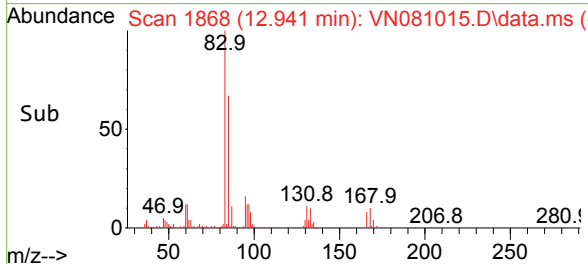
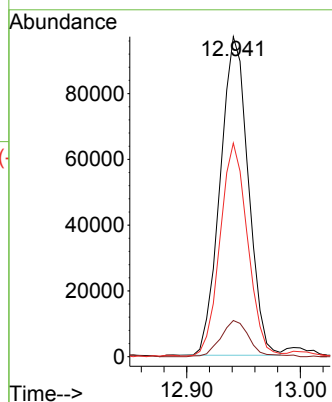
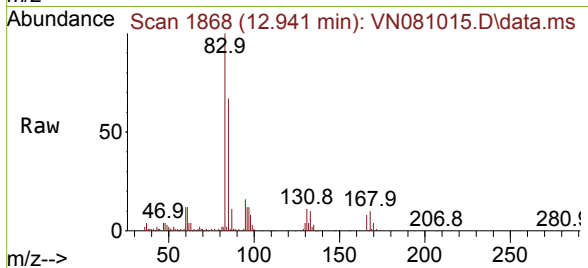
Tgt Ion: 83 Resp: 166437

Ion Ratio Lower Upper

83 100

131 11.6 4.1 12.3

85 65.3 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 35.581 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VN081015.D

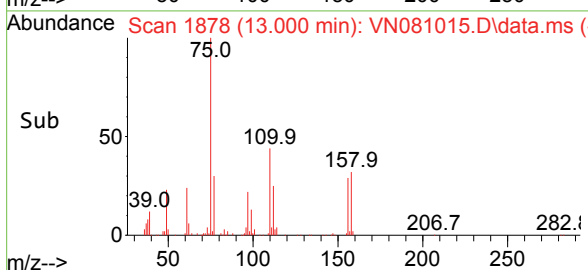
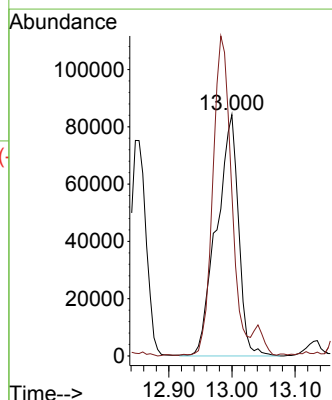
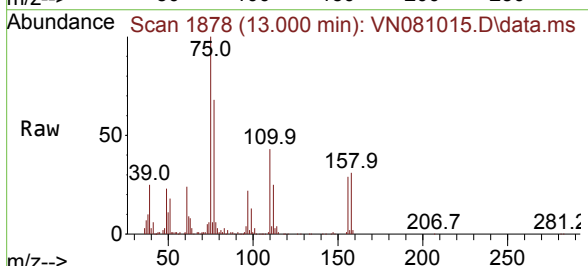
Acq: 12 Feb 2024 19:56

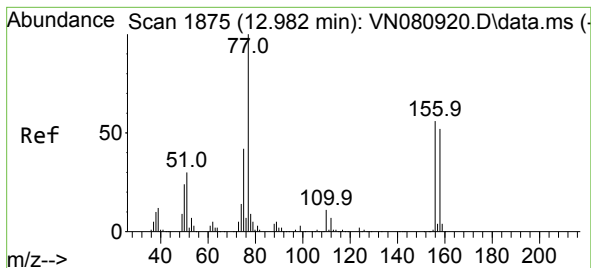
Tgt Ion: 75 Resp: 203355

Ion Ratio Lower Upper

75 100

77 112.7 91.0 272.8





#77

Bromobenzene

Concen: 22.007 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBSD02

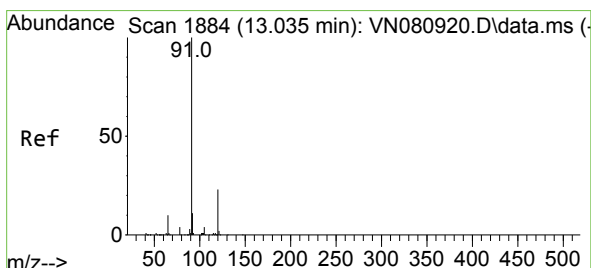
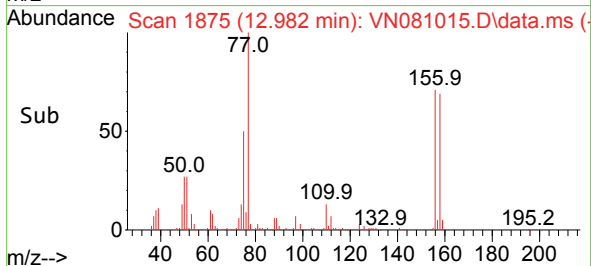
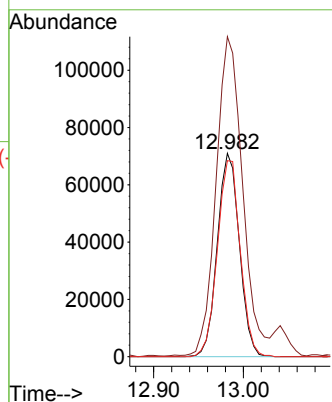
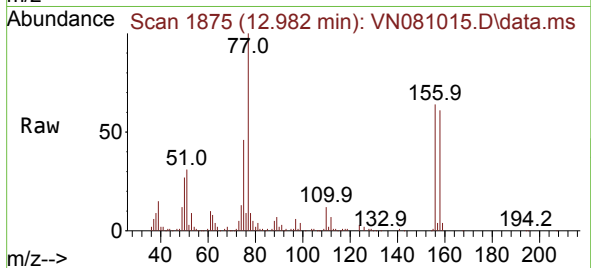
Tgt Ion:156 Resp: 121050

Ion Ratio Lower Upper

156 100

77 189.3 138.1 414.3

158 100.1 46.5 139.5



#78

n-propylbenzene

Concen: 17.204 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN081015.D

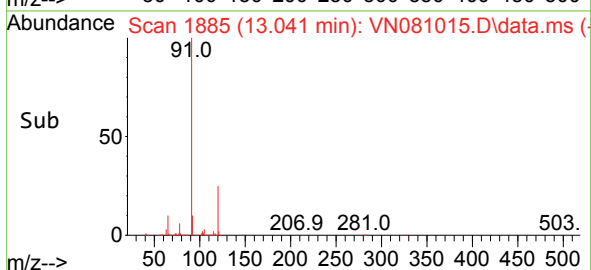
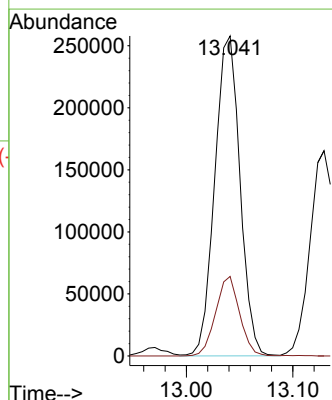
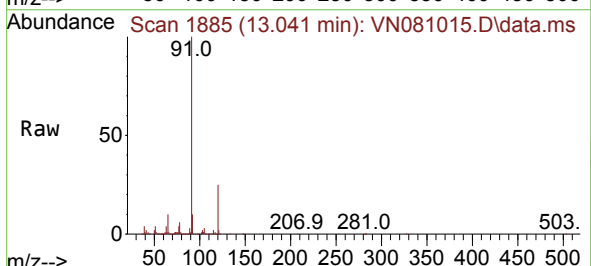
Acq: 12 Feb 2024 19:56

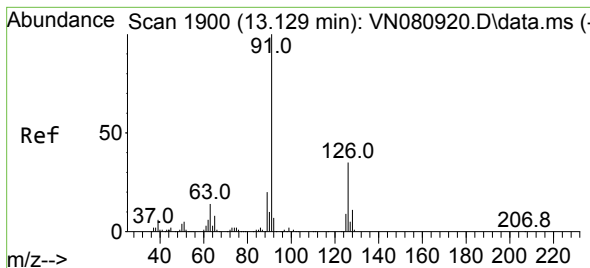
Tgt Ion: 91 Resp: 423434

Ion Ratio Lower Upper

91 100

120 23.6 10.3 30.9

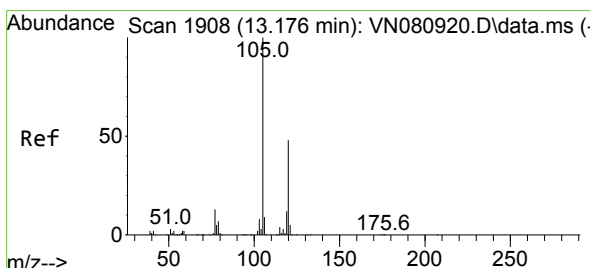
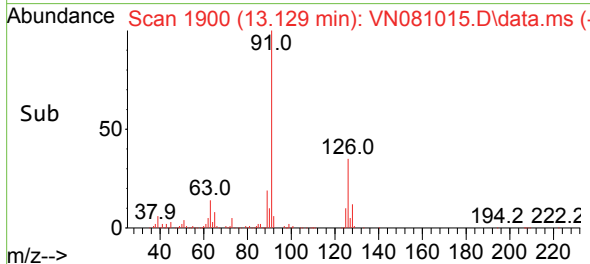
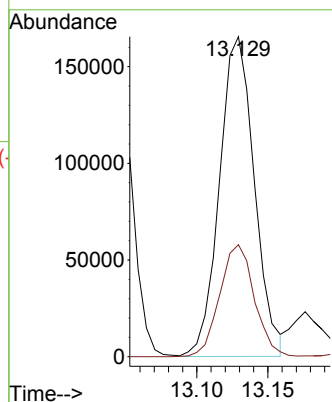
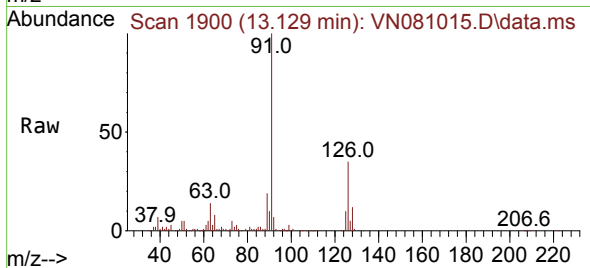




#79
2-Chlorotoluene
Concen: 18.183 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

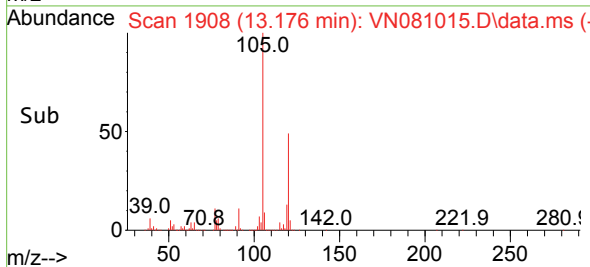
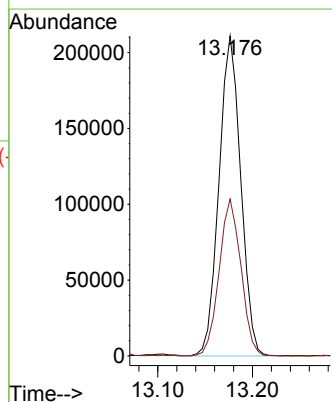
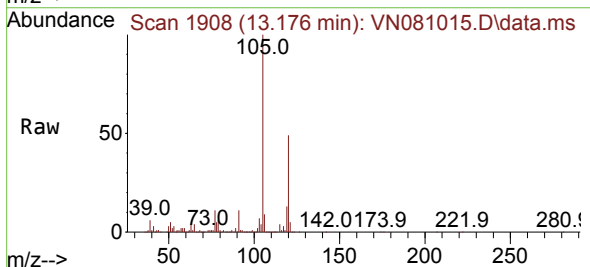
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

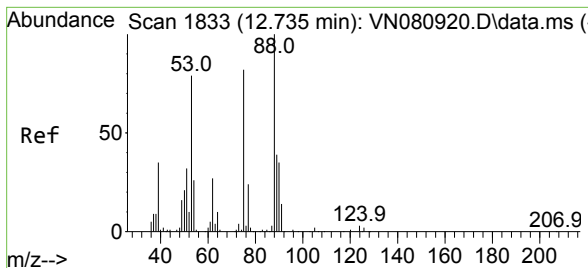
Tgt Ion: 91 Resp: 282828
Ion Ratio Lower Upper
91 100
126 34.8 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 19.053 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion:105 Resp: 337600
Ion Ratio Lower Upper
105 100
120 49.1 23.0 69.0

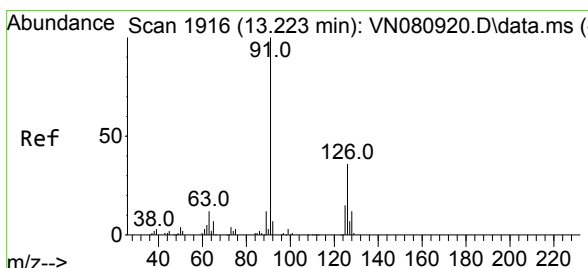
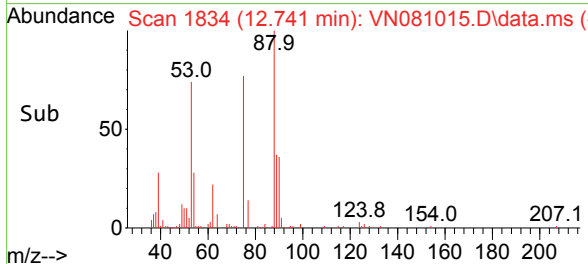
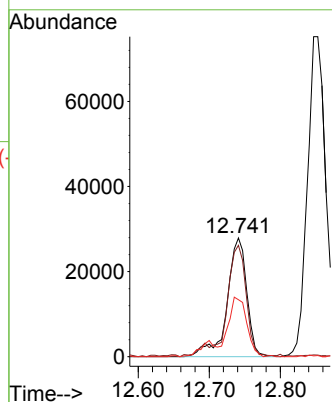
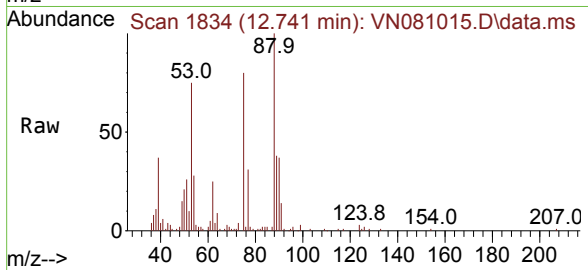




#81
trans-1,4-Dichloro-2-butene
Concen: 25.602 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

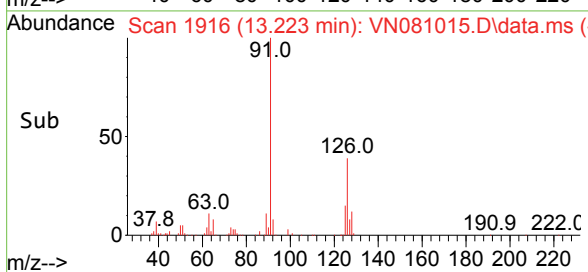
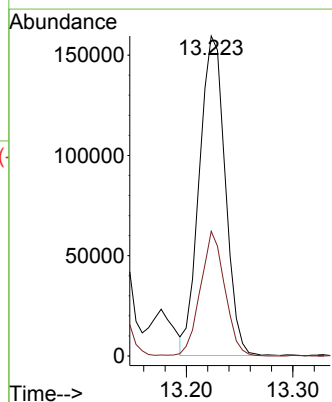
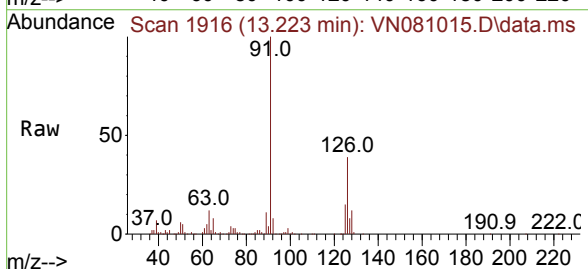
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

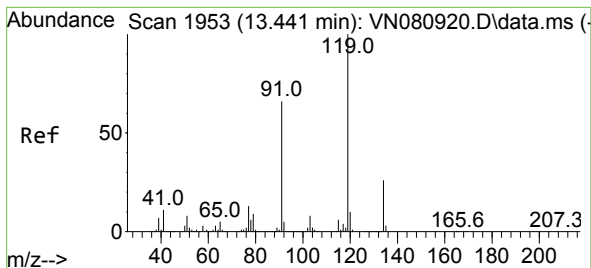
Tgt Ion: 75 Resp: 53858
Ion Ratio Lower Upper
75 100
53 84.4 71.4 107.2
89 45.8 33.4 50.0



#82
4-Chlorotoluene
Concen: 17.292 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion: 91 Resp: 268342
Ion Ratio Lower Upper
91 100
126 36.9 15.3 45.9





#83

tert-Butylbenzene

Concen: 18.433 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBSD02

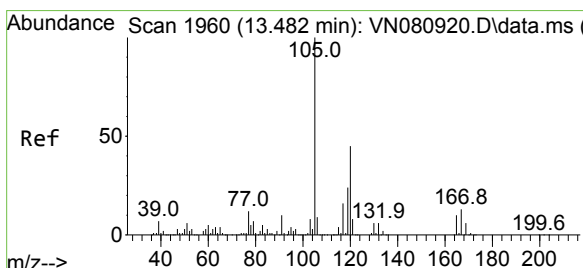
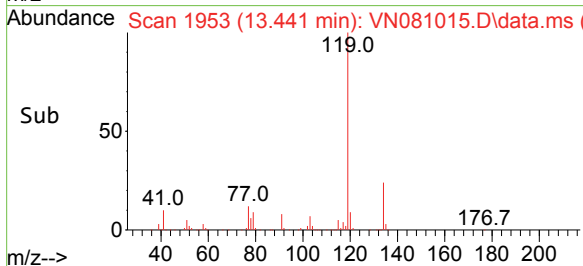
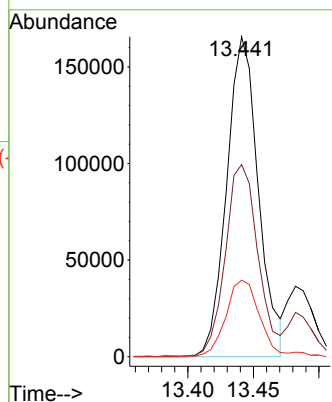
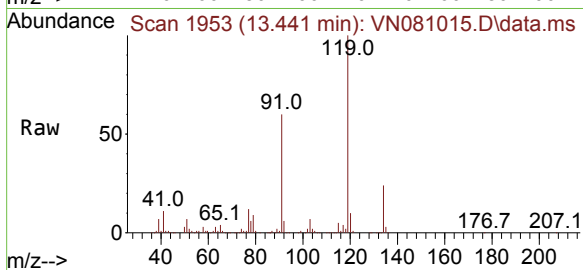
Tgt Ion:119 Resp: 278409

Ion Ratio Lower Upper

119 100

91 62.4 36.8 110.4

134 26.0 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 18.778 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081015.D

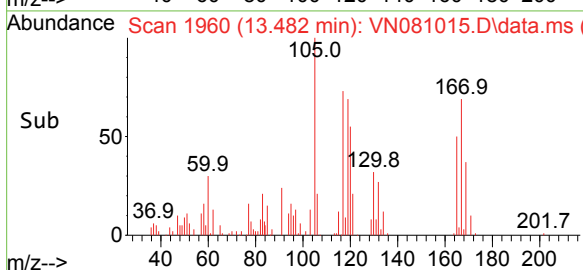
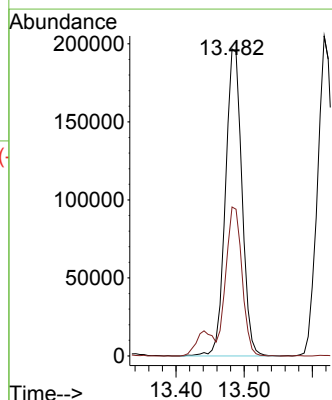
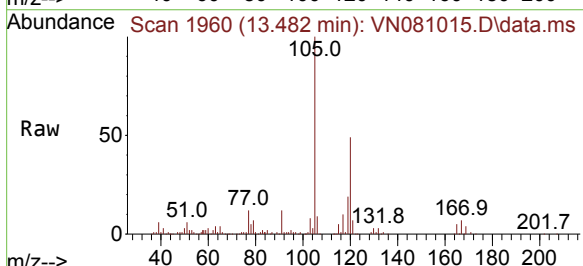
Acq: 12 Feb 2024 19:56

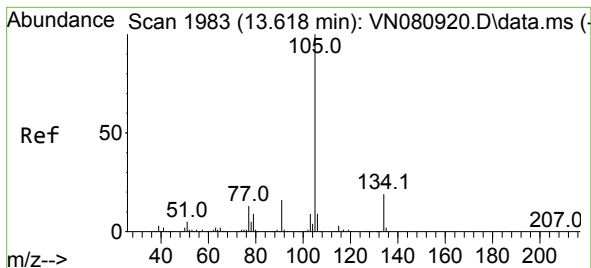
Tgt Ion:105 Resp: 331402

Ion Ratio Lower Upper

105 100

120 47.4 20.9 62.7

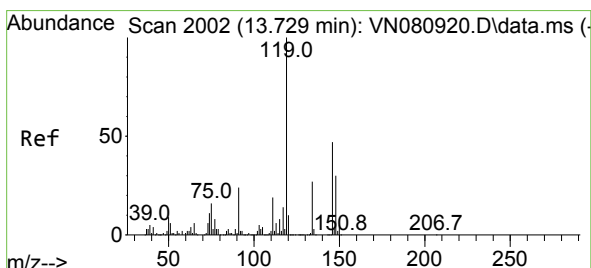
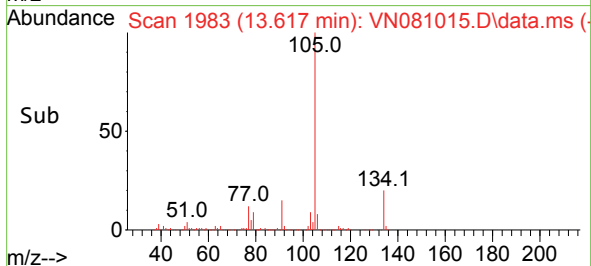
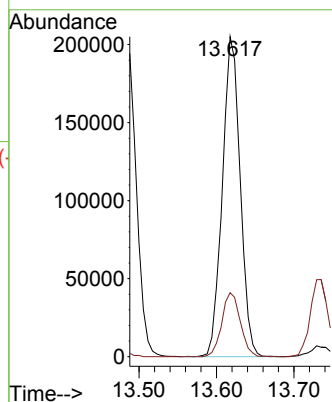
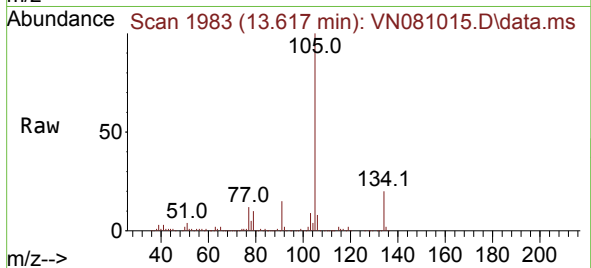




#85
 sec-Butylbenzene
 Concen: 16.196 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081015.D
 Acq: 12 Feb 2024 19:56

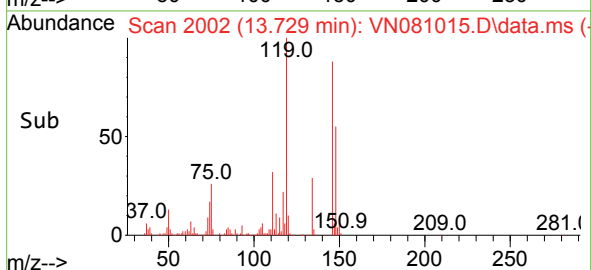
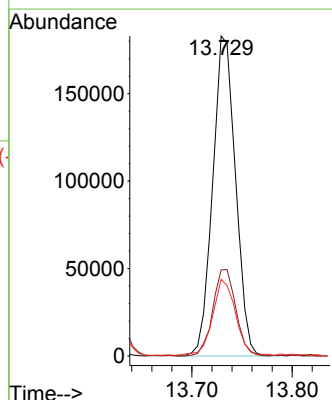
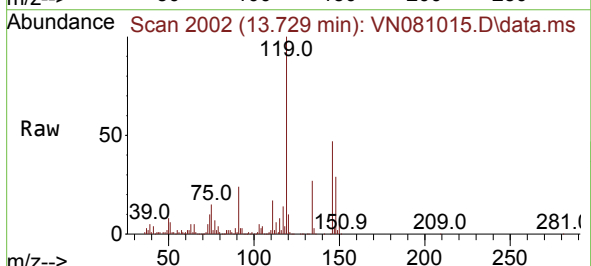
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD02

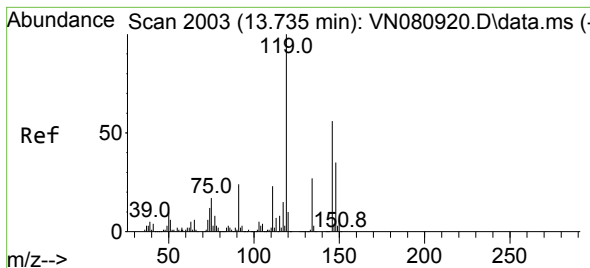
Tgt Ion:105 Resp: 328710
 Ion Ratio Lower Upper
 105 100
 134 20.7 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 16.893 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081015.D
 Acq: 12 Feb 2024 19:56

Tgt Ion:119 Resp: 289757
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.4 37.2
 91 23.9 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 17.726 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBSD02

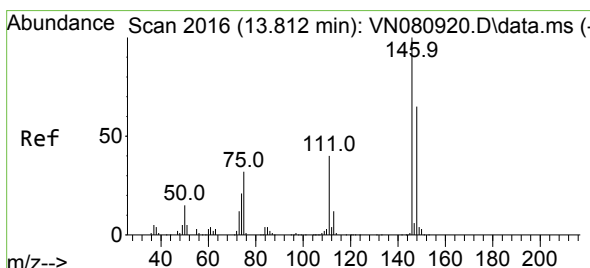
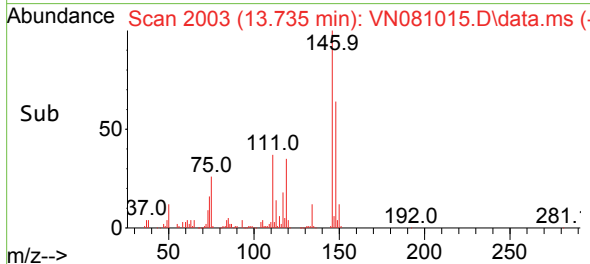
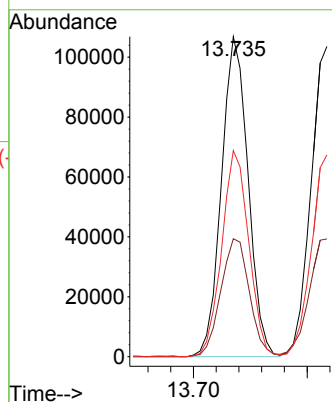
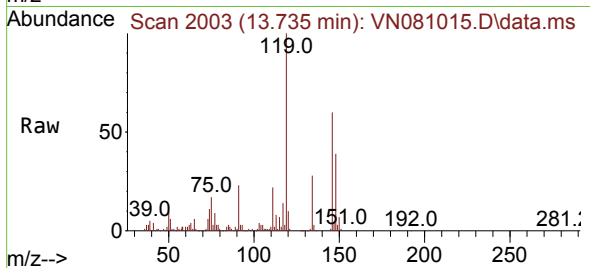
Tgt Ion:146 Resp: 173646

Ion Ratio Lower Upper

146 100

111 39.7 23.9 71.7

148 65.4 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 17.600 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

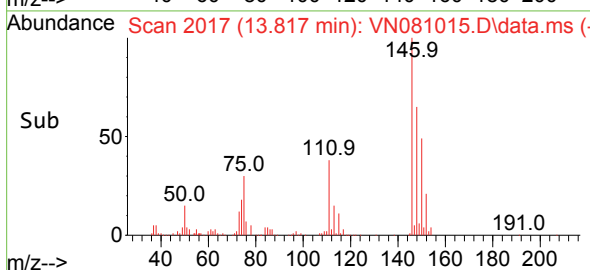
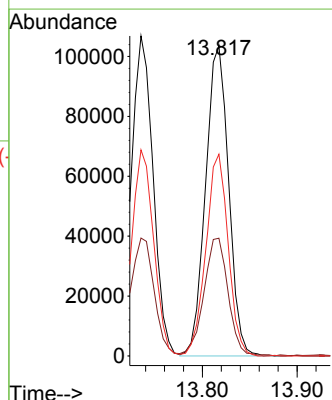
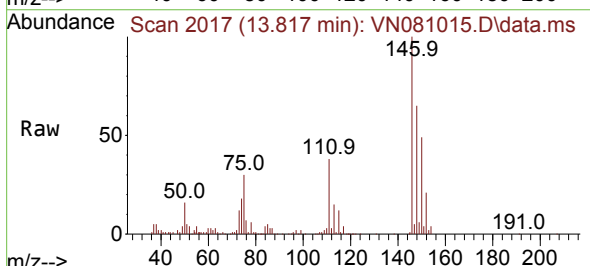
Tgt Ion:146 Resp: 174966

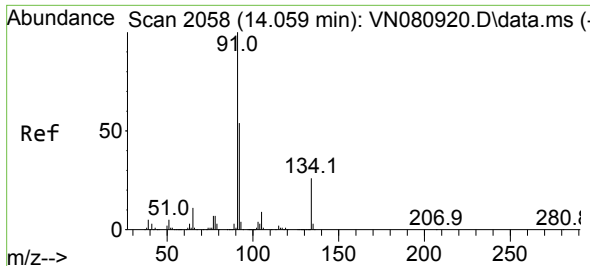
Ion Ratio Lower Upper

146 100

111 40.0 22.6 67.7

148 63.0 31.9 95.5

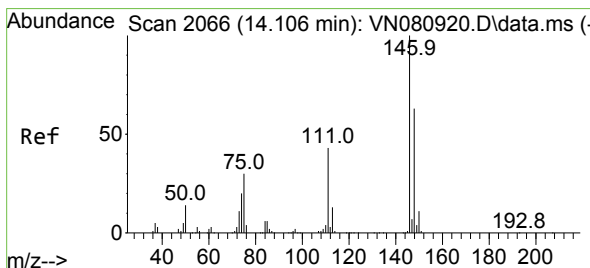
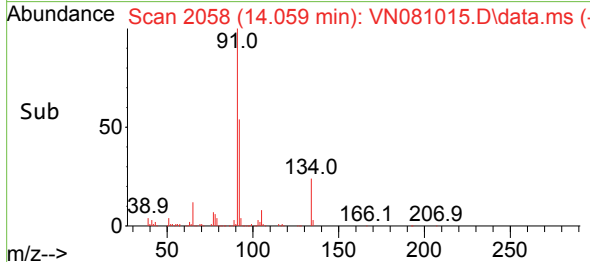
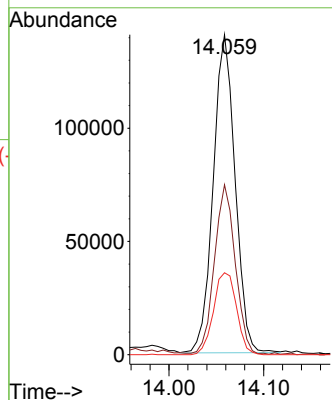
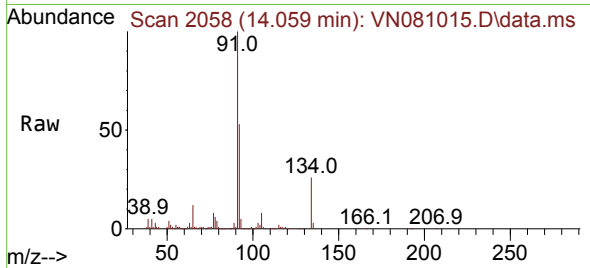




#89
n-Butylbenzene
Concen: 14.917 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

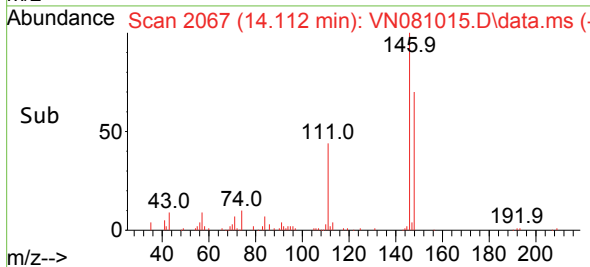
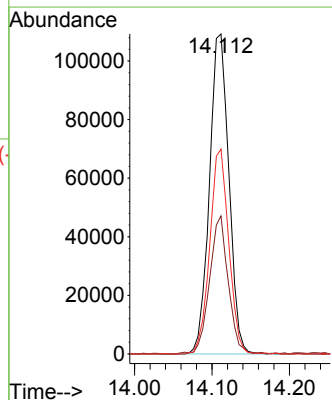
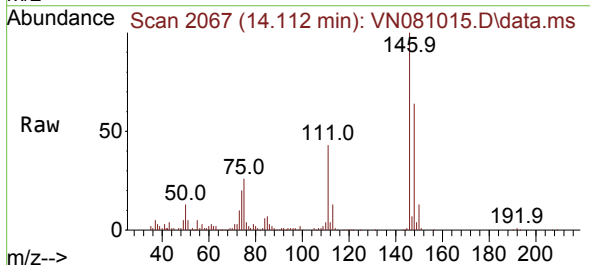
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBSD02

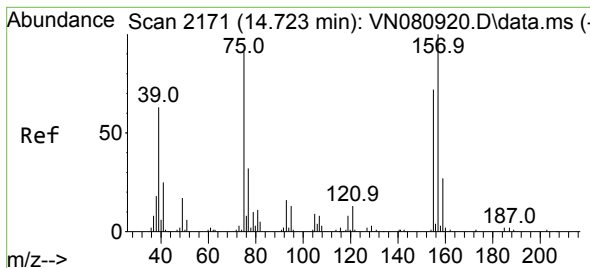
Tgt Ion: 91 Resp: 226010
Ion Ratio Lower Upper
91 100
92 50.5 26.7 80.1
134 27.0 10.8 32.4



#91
1,2-Dichlorobenzene
Concen: 20.267 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN081015.D
Acq: 12 Feb 2024 19:56

Tgt Ion:146 Resp: 190211
Ion Ratio Lower Upper
146 100
111 41.6 23.9 71.8
148 62.7 31.4 94.0

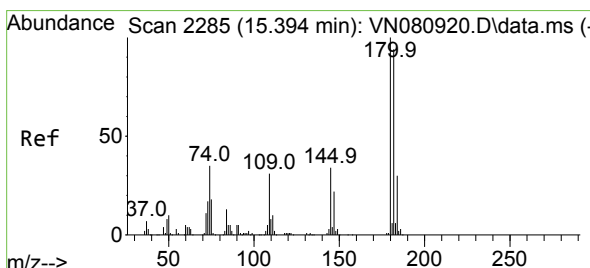
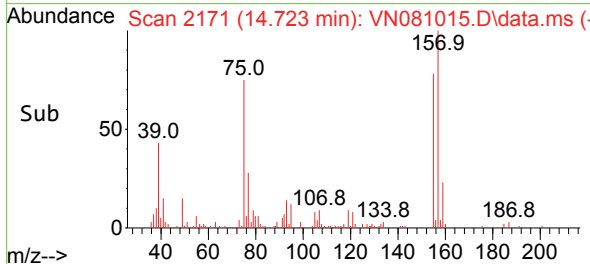
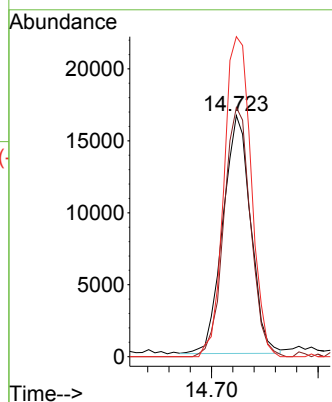
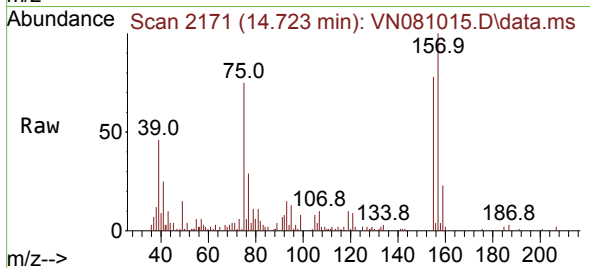




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.572 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN081015.D
 Acq: 12 Feb 2024 19:56

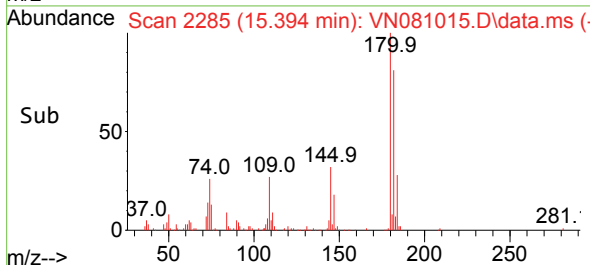
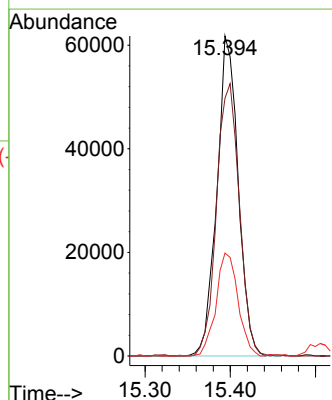
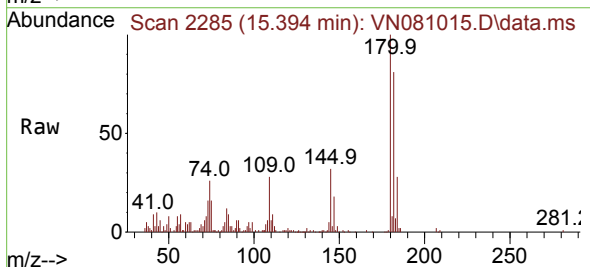
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD02

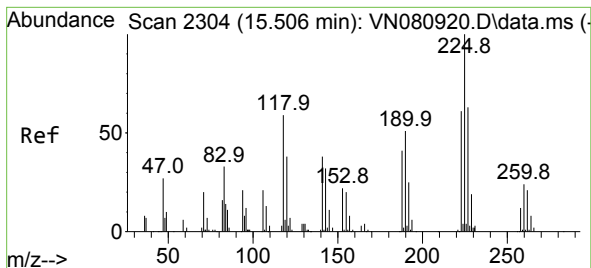
Tgt Ion: 75 Resp: 29901
 Ion Ratio Lower Upper
 75 100
 155 100.4 31.8 95.4#
 157 131.5 41.1 123.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 23.077 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: VN081015.D
 Acq: 12 Feb 2024 19:56

Tgt Ion: 180 Resp: 107136
 Ion Ratio Lower Upper
 180 100
 182 91.1 46.6 139.7
 145 33.3 16.8 50.3





#94

Hexachlorobutadiene

Concen: 16.263 ug/l

RT: 15.506 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBSD02

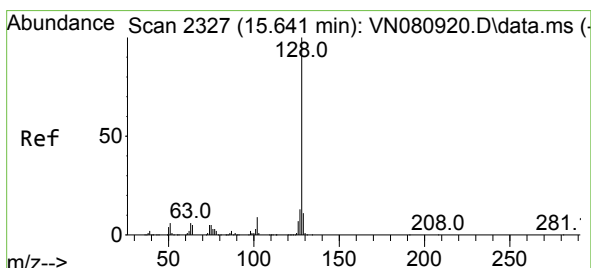
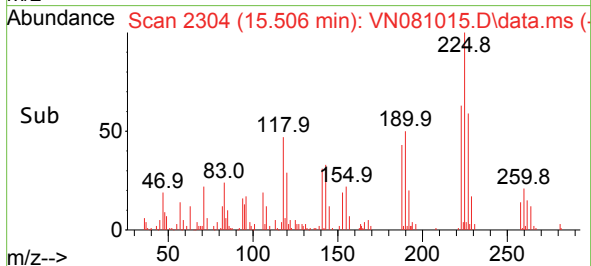
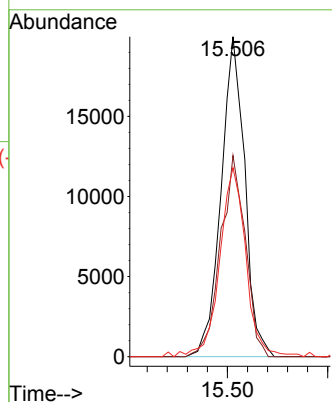
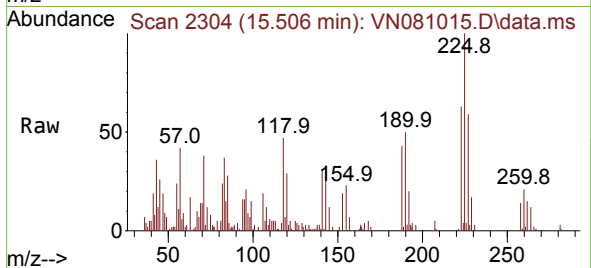
Tgt Ion:225 Resp: 32733

Ion Ratio Lower Upper

225 100

223 66.2 33.3 99.8

227 65.2 33.1 99.2



#95

Naphthalene

Concen: 30.767 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN081015.D

Acq: 12 Feb 2024 19:56

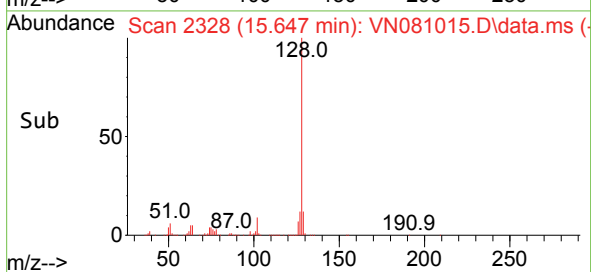
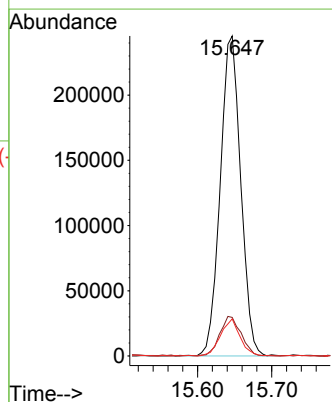
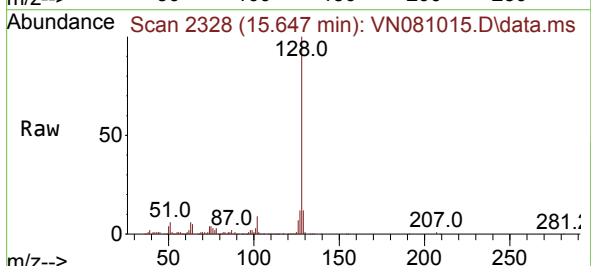
Tgt Ion:128 Resp: 471612

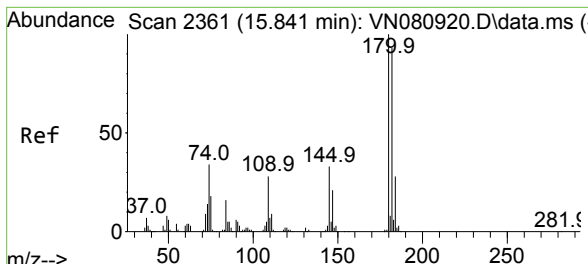
Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

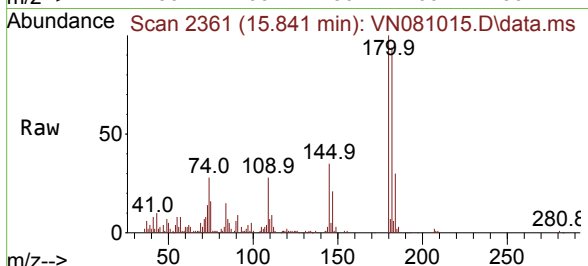
129 11.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 24.936 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081015.D
 Acq: 12 Feb 2024 19:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD02



Tgt Ion:	180	Resp:	113950
Ion Ratio	Lower	Upper	
180	100		
182	97.3	46.5	139.3
145	34.5	17.8	53.4

