

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081166.D
 Acq On : 23 Feb 2024 18:08
 Operator : JC\MD
 Sample : VN0224WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD02

Quant Time: Feb 23 22:02:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	291452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	540567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	480383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211919	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	185421	51.904	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.800%	
35) Dibromofluoromethane	8.171	113	155414	50.843	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.680%	
50) Toluene-d8	10.571	98	520894	47.979	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.960%	
62) 4-Bromofluorobenzene	12.853	95	203312	49.838	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.680%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	78738	20.890	ug/l	95
3) Chloromethane	2.365	50	75307	17.546	ug/l	99
4) Vinyl Chloride	2.512	62	84398	20.159	ug/l	94
5) Bromomethane	2.959	94	55136	18.542	ug/l	96
6) Chloroethane	3.118	64	58128	20.962	ug/l	93
7) Trichlorofluoromethane	3.501	101	127007	20.765	ug/l	95
8) Diethyl Ether	3.953	74	46865	20.958	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	70015	20.534	ug/l #	90
10) Methyl Iodide	4.595	142	62355	16.384	ug/l	99
11) Tert butyl alcohol	5.530	59	76185	115.963	ug/l	98
12) 1,1-Dichloroethene	4.342	96	64579	19.593	ug/l	81
13) Acrolein	4.177	56	35444	100.657	ug/l	99
14) Allyl chloride	5.030	41	94974	19.420	ug/l #	89
15) Acrylonitrile	5.718	53	201893	117.666	ug/l	99
16) Acetone	4.430	43	140709	100.102	ug/l	98
17) Carbon Disulfide	4.718	76	161083	17.522	ug/l	99
18) Methyl Acetate	5.030	43	91073	26.559	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	242889	21.516	ug/l	96
20) Methylene Chloride	5.271	84	78281	20.988	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	70879	19.275	ug/l	93
22) Diisopropyl ether	6.677	45	240712	21.698	ug/l #	97
23) Vinyl Acetate	6.606	43	951785	105.746	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	139361	21.726	ug/l #	93
25) 2-Butanone	7.489	43	259313	114.191	ug/l	98
26) 2,2-Dichloropropane	7.494	77	121044	20.140	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	87857	20.564	ug/l	86
28) Bromochloromethane	7.812	49	58859	22.134	ug/l #	67
29) Tetrahydrofuran	7.841	42	179097	118.144	ug/l #	87
30) Chloroform	7.971	83	145240	21.299	ug/l	99
31) Cyclohexane	8.259	56	121809	19.747	ug/l #	77
32) 1,1,1-Trichloroethane	8.171	97	130902	21.078	ug/l	88
36) 1,1-Dichloropropene	8.371	75	102460	19.565	ug/l	97
37) Ethyl Acetate	7.571	43	110887	23.462	ug/l	98
38) Carbon Tetrachloride	8.365	117	107652	20.318	ug/l	95
39) Methylcyclohexane	9.606	83	119630	19.596	ug/l	88
40) Benzene	8.606	78	314319	20.736	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	58806	21.862	ug/l	95
42) 1,2-Dichloroethane	8.677	62	115556	21.851	ug/l	99
43) Isopropyl Acetate	8.694	43	190829	23.086	ug/l	97
44) Trichloroethene	9.359	130	80689	19.986	ug/l	89
45) 1,2-Dichloropropane	9.624	63	79175	20.881	ug/l	99
46) Dibromomethane	9.712	93	56196	20.341	ug/l	92
47) Bromodichloromethane	9.894	83	111887	21.384	ug/l #	93
48) Methyl methacrylate	9.682	41	84059	21.855	ug/l	92
49) 1,4-Dioxane	9.700	88	38014	517.833	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	571968	120.287	ug/l	95
52) Toluene	10.635	92	200260	20.869	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	117914	20.279	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	129380	20.595	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	80039	21.686	ug/l	94
56) Ethyl methacrylate	10.877	69	121290	21.502	ug/l	90
57) 1,3-Dichloropropane	11.165	76	140184	21.966	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	260593	92.074	ug/l #	88
59) 2-Hexanone	11.200	43	430183	114.113	ug/l	96
60) Dibromochloromethane	11.365	129	82161	20.954	ug/l	98
61) 1,2-Dibromoethane	11.476	107	82044	21.139	ug/l	96
64) Tetrachloroethene	11.106	164	70519	21.509	ug/l	93
65) Chlorobenzene	11.894	112	207217	19.931	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	78685	21.071	ug/l	96
67) Ethyl Benzene	11.965	91	378832	20.363	ug/l	96
68) m/p-Xylenes	12.071	106	286744	40.210	ug/l	96
69) o-Xylene	12.400	106	139826	19.781	ug/l	98
70) Styrene	12.418	104	229194	20.461	ug/l	96
71) Bromoform	12.582	173	52390	22.113	ug/l #	96
73) Isopropylbenzene	12.700	105	378782	20.429	ug/l	99
74) N-amyl acetate	12.500	43	158160	20.183	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	113485	21.767	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	150954	31.351	ug/l	59
77) Bromobenzene	12.982	156	82455	19.944	ug/l	78
78) n-propylbenzene	13.041	91	437300	20.488	ug/l	96
79) 2-Chlorotoluene	13.129	91	257745	19.687	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	317003	21.087	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	40885	21.856	ug/l	89
82) 4-Chlorotoluene	13.223	91	257261	20.096	ug/l	94
83) tert-Butylbenzene	13.441	119	277447	21.344	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	307315	20.514	ug/l	95
85) sec-Butylbenzene	13.618	105	380034	21.030	ug/l	93
86) p-Isopropyltoluene	13.735	119	303637	20.229	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	152912	19.575	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	153006	19.934	ug/l	97
89) n-Butylbenzene	14.059	91	271018	20.725	ug/l	98
90) Hexachloroethane	14.335	117	52699	21.240	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	153217	20.337	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23214	21.416	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	83413	19.845	ug/l	99
94) Hexachlorobutadiene	15.506	225	32636	20.820	ug/l	89
95) Naphthalene	15.647	128	313864	20.377	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	84809	20.340	ug/l	98

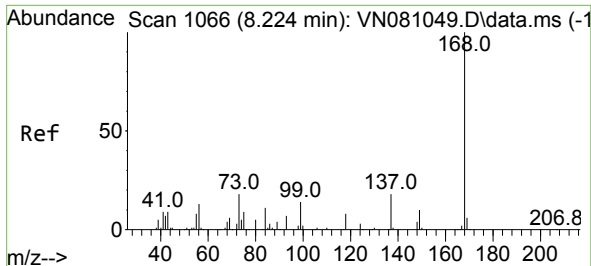
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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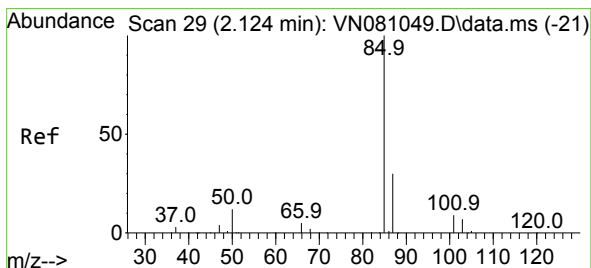
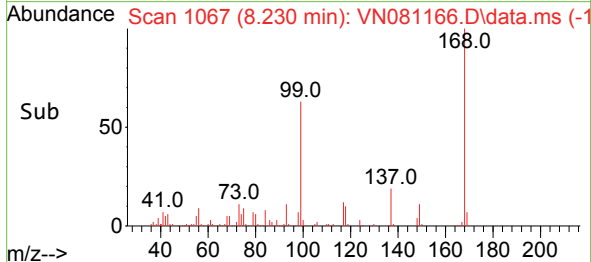
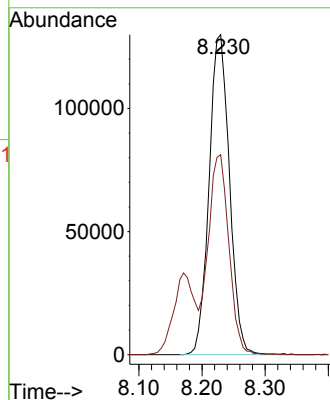
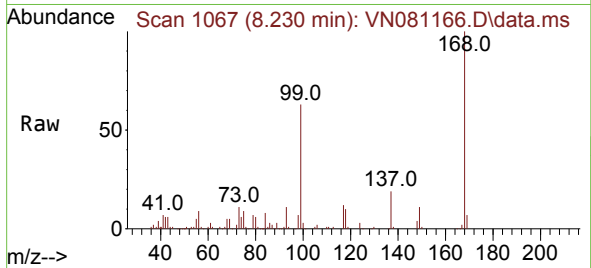
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

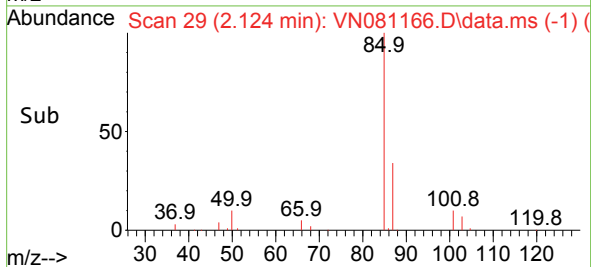
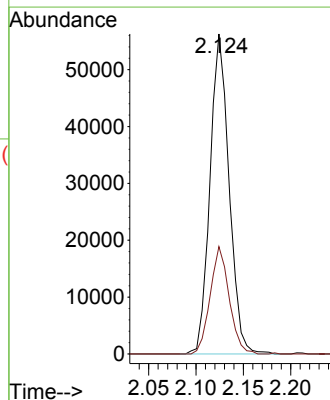
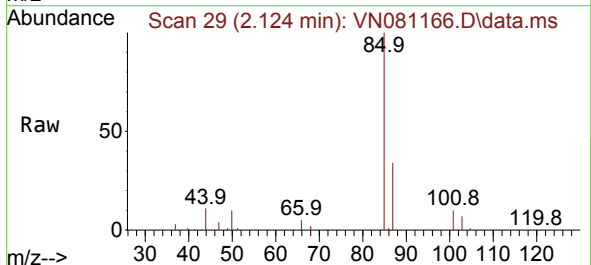
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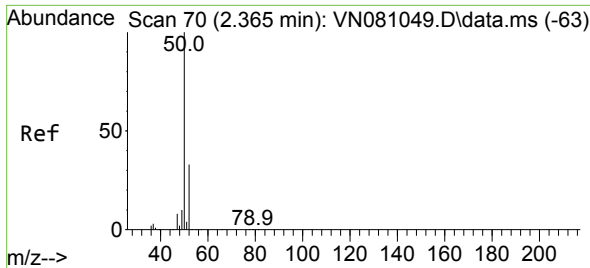
Tgt Ion:168 Resp: 291452
Ion Ratio Lower Upper
168 100
99 62.5 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 20.890 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 85 Resp: 78738
Ion Ratio Lower Upper
85 100
87 33.5 15.3 45.9

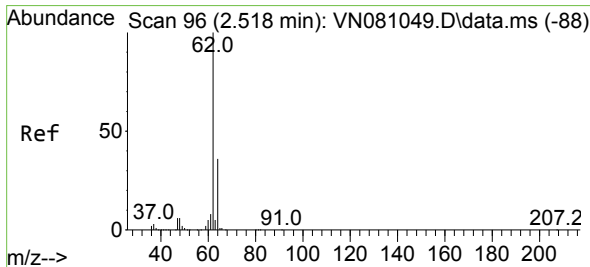
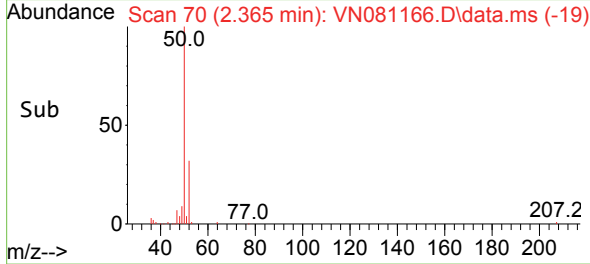
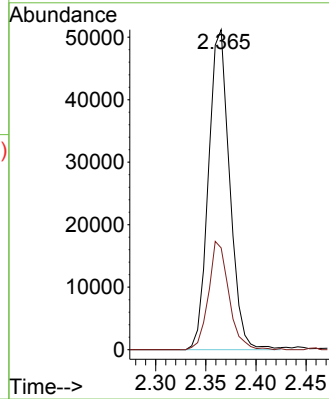
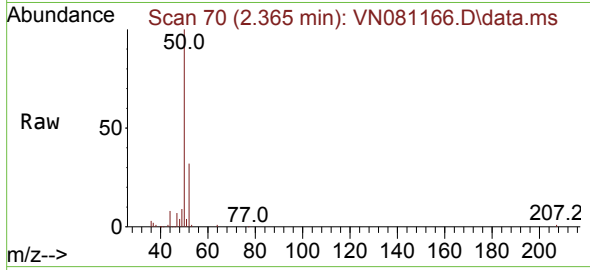




#3
Chloromethane
Concen: 17.546 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

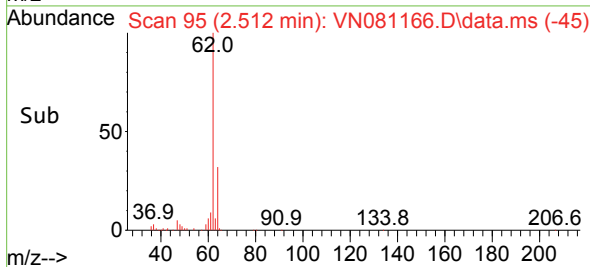
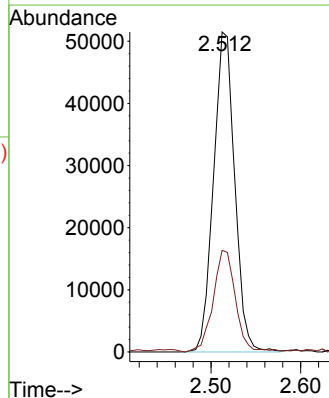
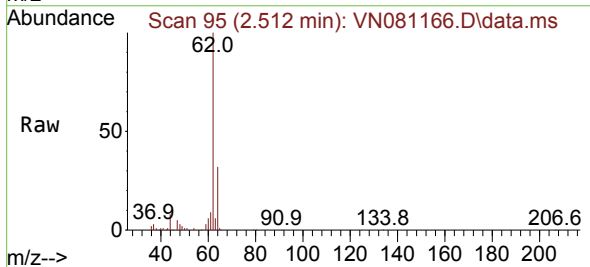
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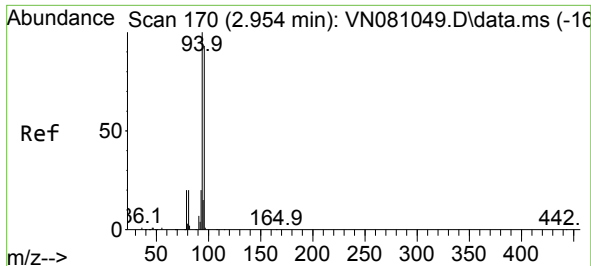
Tgt Ion: 50 Resp: 75307
Ion Ratio Lower Upper
50 100
52 31.8 25.0 37.4



#4
Vinyl Chloride
Concen: 20.159 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 62 Resp: 84398
Ion Ratio Lower Upper
62 100
64 31.4 22.7 34.1

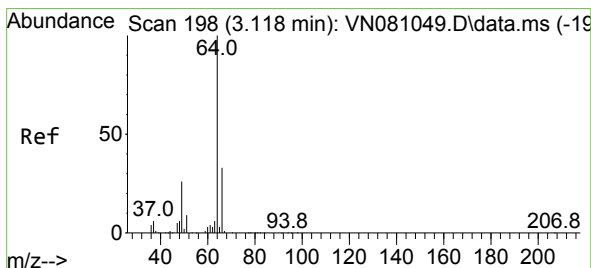
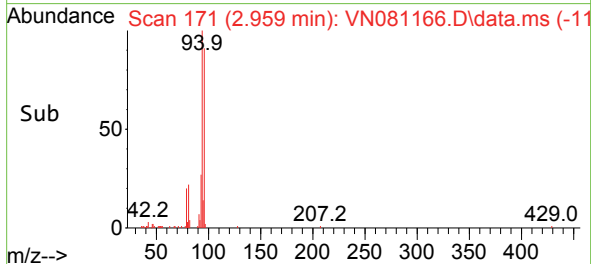
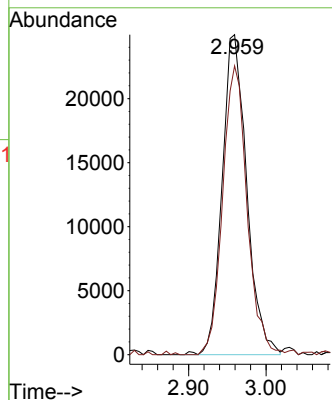
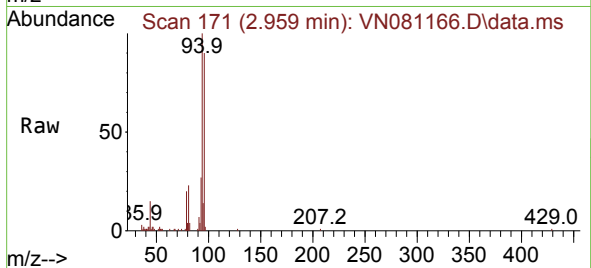




#5
Bromomethane
Concen: 18.542 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

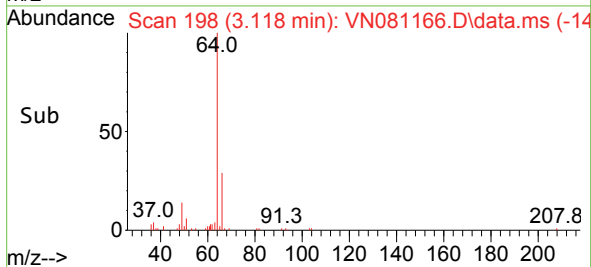
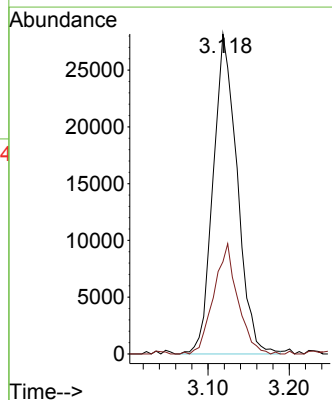
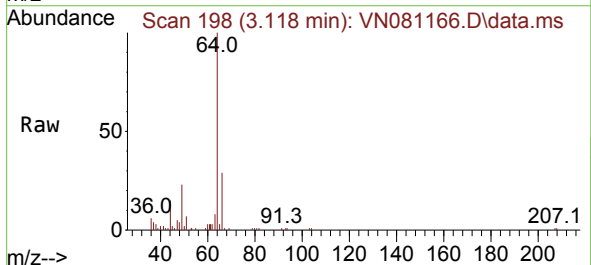
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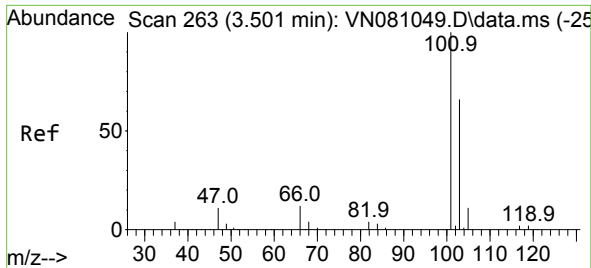
Tgt Ion: 94 Resp: 55136
Ion Ratio Lower Upper
94 100
96 90.3 69.2 103.8



#6
Chloroethane
Concen: 20.962 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 64 Resp: 58128
Ion Ratio Lower Upper
64 100
66 28.8 26.4 39.6

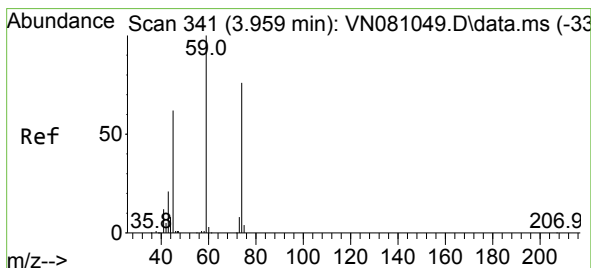
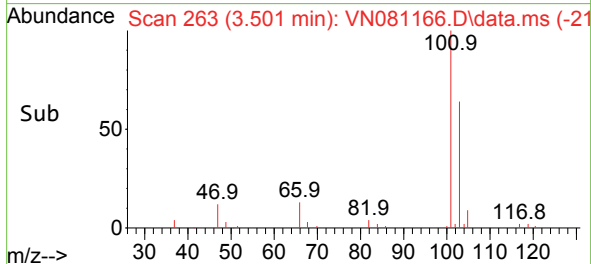
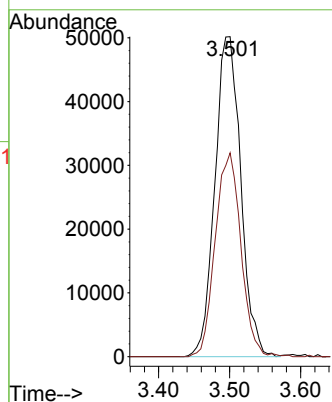
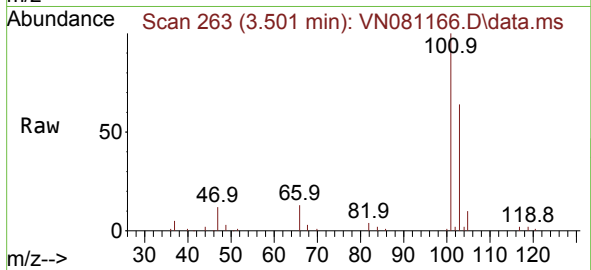




#7
Trichlorofluoromethane
Concen: 20.765 ug/l
RT: 3.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

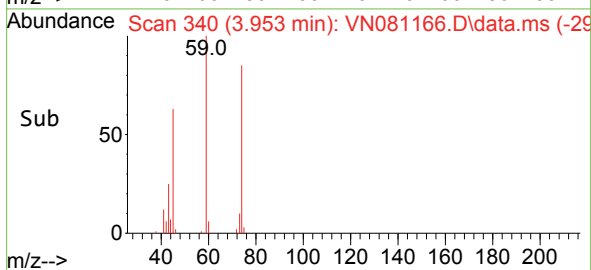
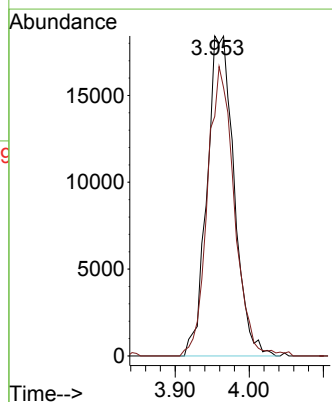
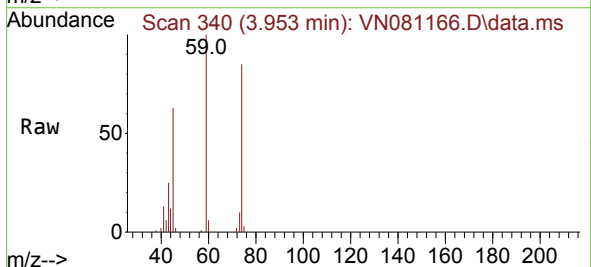
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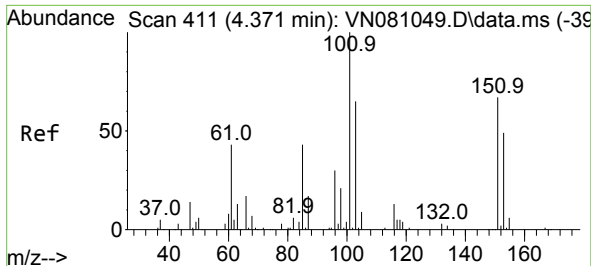
Tgt Ion:101 Resp: 127007
Ion Ratio Lower Upper
101 100
103 63.7 54.4 81.6



#8
Diethyl Ether
Concen: 20.958 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 74 Resp: 46865
Ion Ratio Lower Upper
74 100
45 89.5 53.3 159.9

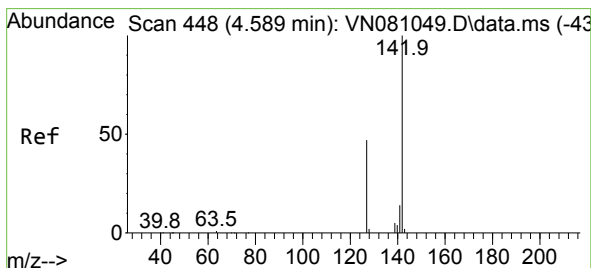
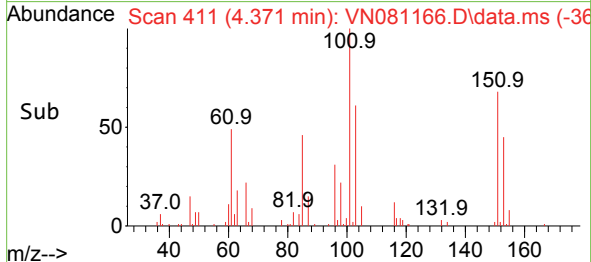
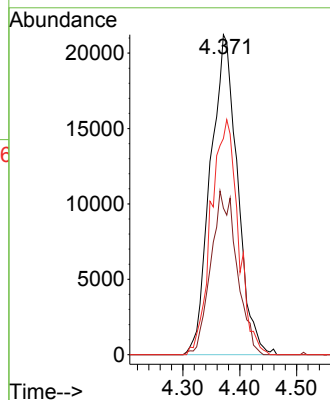
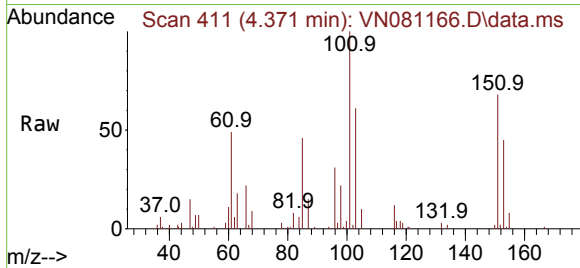




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.534 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081166.D
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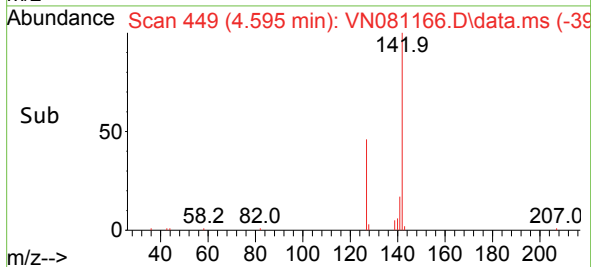
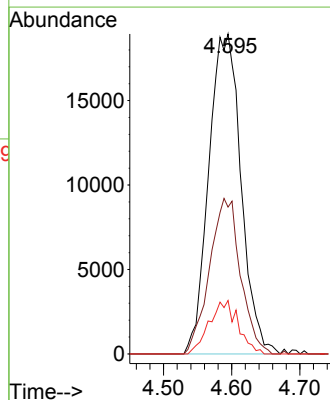
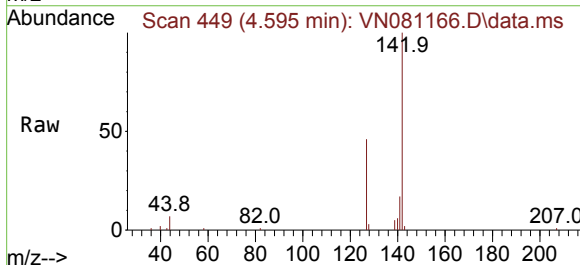
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

Tgt Ion:101 Resp: 70015
Ion Ratio Lower Upper
101 100
85 49.4 38.1 57.1
151 73.8 49.1 73.7#



#10
Methyl Iodide
Concen: 16.384 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion:142 Resp: 62355
Ion Ratio Lower Upper
142 100
127 45.9 37.0 55.4
141 16.7 12.5 18.7

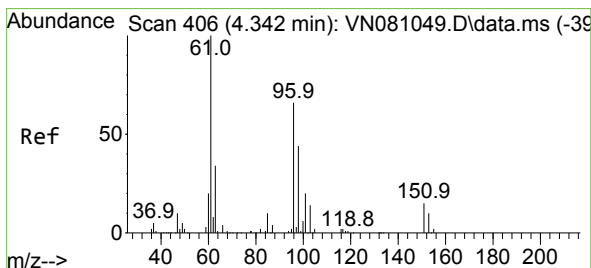
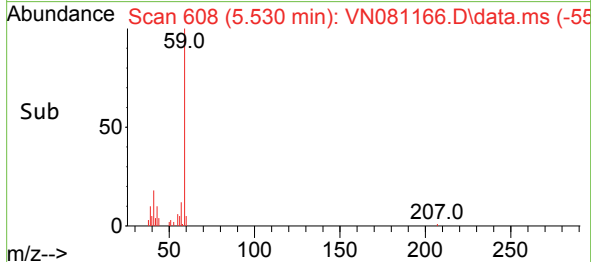
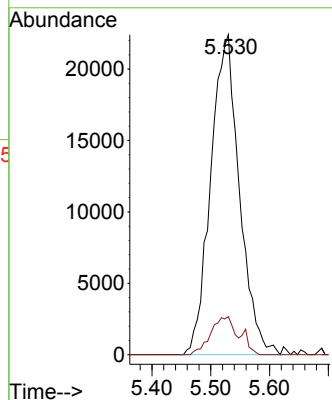
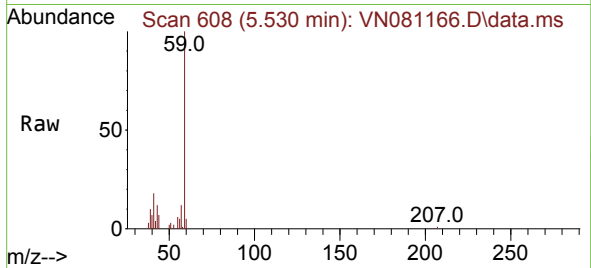




#11
Tert butyl alcohol
Concen: 115.963 ug/l
RT: 5.530 min Scan# 605
Delta R.T. 0.018 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

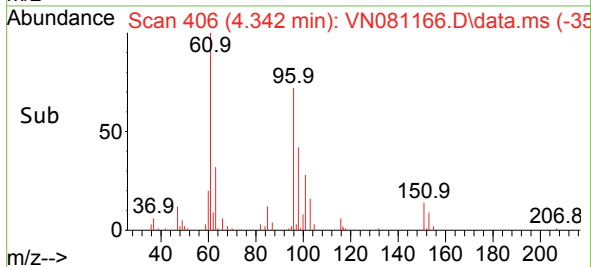
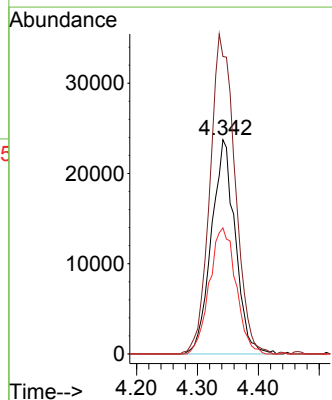
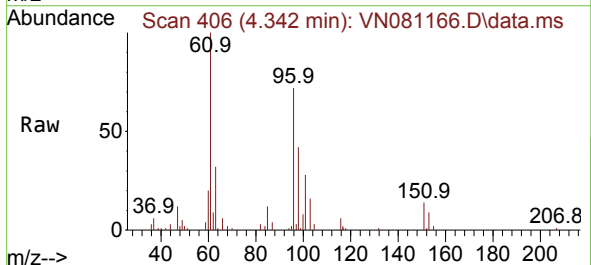
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

Tgt Ion: 59 Resp: 76185
Ion Ratio Lower Upper
59 100
57 9.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 19.593 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 96 Resp: 64579
Ion Ratio Lower Upper
96 100
61 138.8 138.2 207.4
98 58.8 49.2 73.8

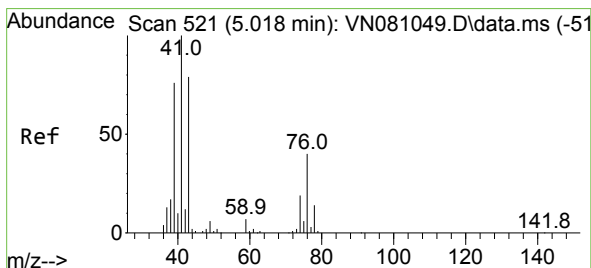
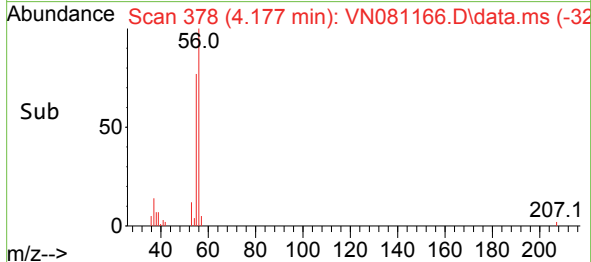
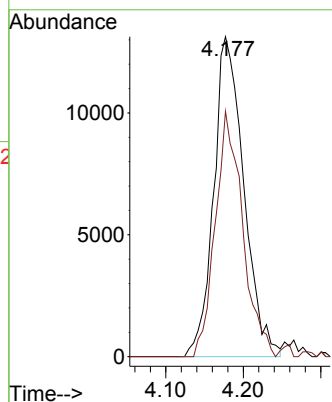
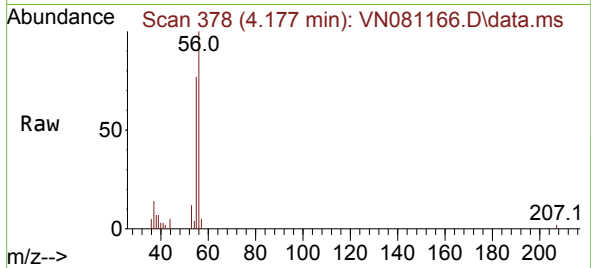




#13
Acrolein
Concen: 100.657 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

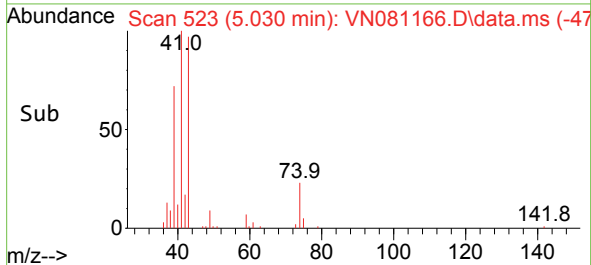
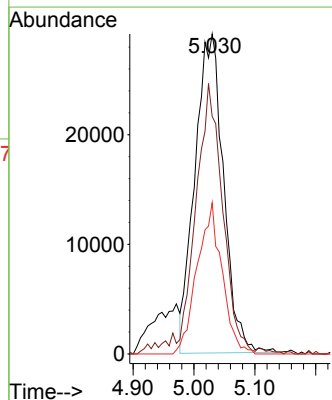
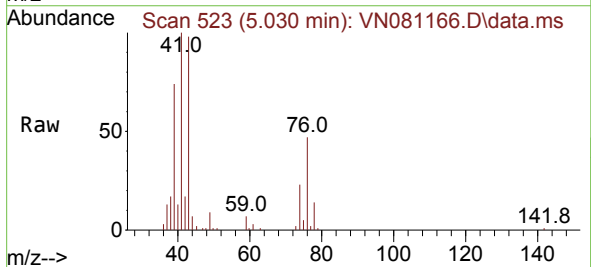
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

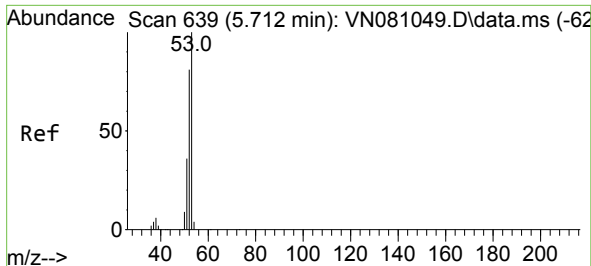
Tgt Ion: 56 Resp: 35444
Ion Ratio Lower Upper
56 100
55 69.6 55.3 82.9



#14
Allyl chloride
Concen: 19.420 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

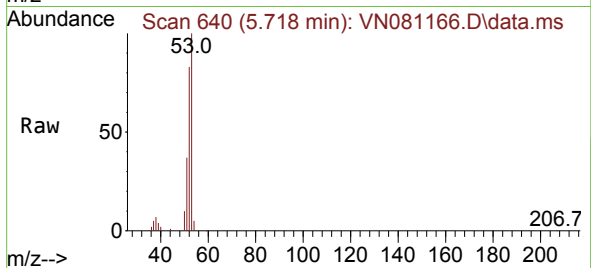
Tgt Ion: 41 Resp: 94974
Ion Ratio Lower Upper
41 100
39 80.5 57.7 86.5
76 41.2 26.8 40.2#



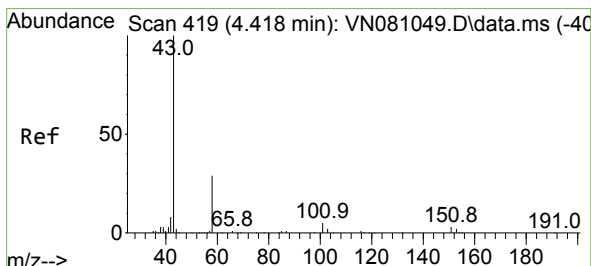
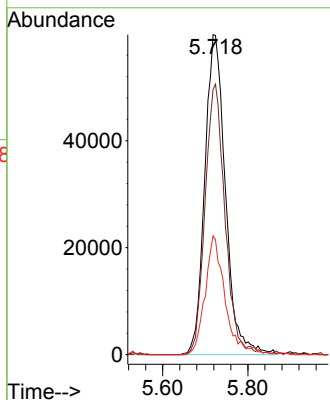
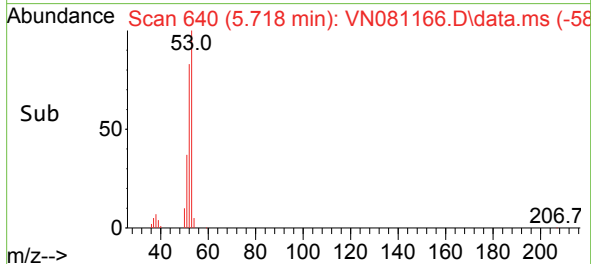


#15
Acrylonitrile
Concen: 117.666 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

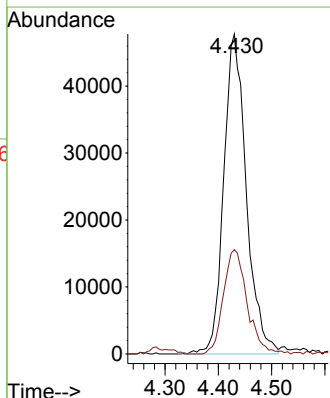
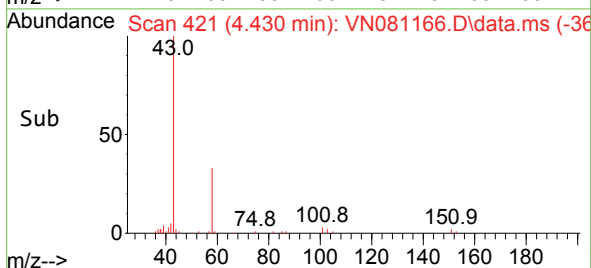
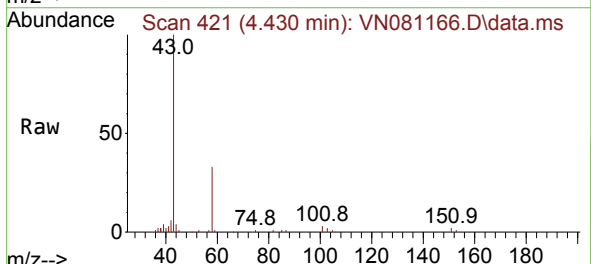


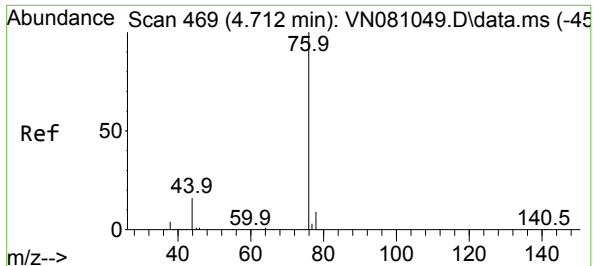
Tgt Ion: 53 Resp: 201893
Ion Ratio Lower Upper
53 100
52 81.7 64.8 97.2
51 34.8 26.9 40.3



#16
Acetone
Concen: 100.102 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 43 Resp: 140709
Ion Ratio Lower Upper
43 100
58 32.1 24.8 37.2

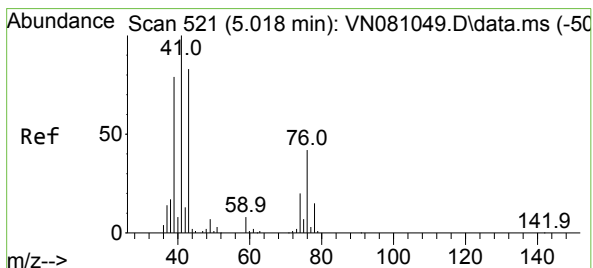
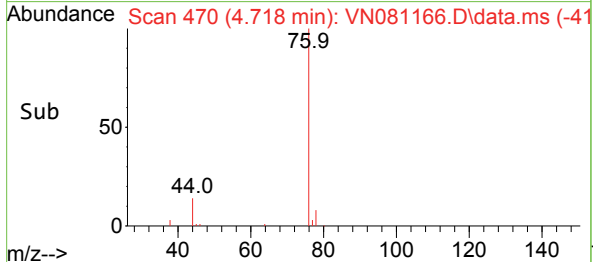
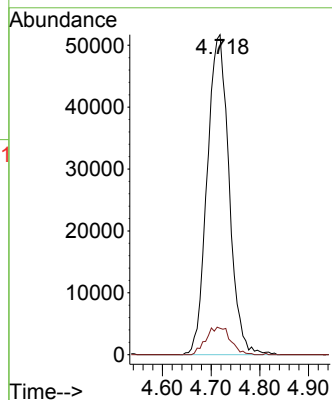
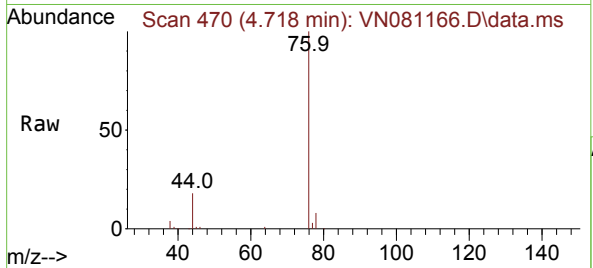




#17
Carbon Disulfide
Concen: 17.522 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

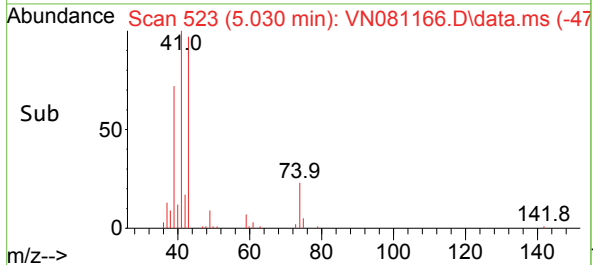
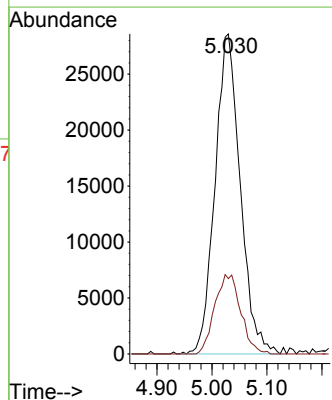
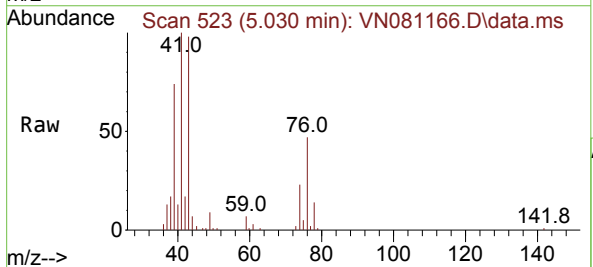
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

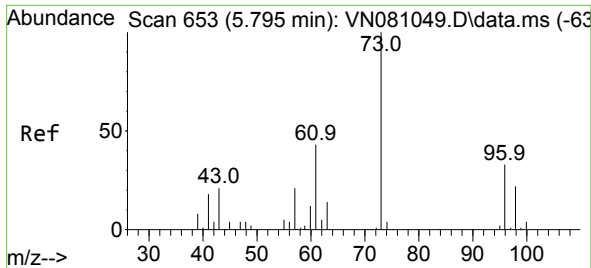
Tgt Ion: 76 Resp: 161083
Ion Ratio Lower Upper
76 100
78 8.3 6.3 9.5



#18
Methyl Acetate
Concen: 26.559 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 43 Resp: 91073
Ion Ratio Lower Upper
43 100
74 25.6 17.3 25.9

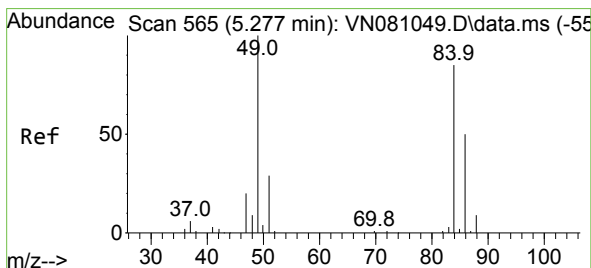
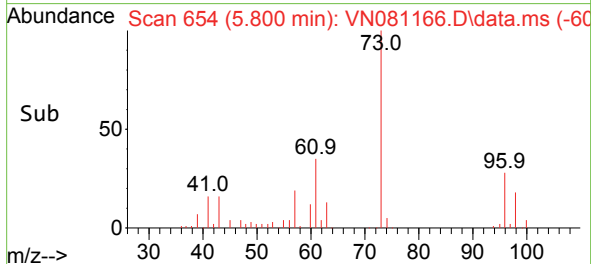
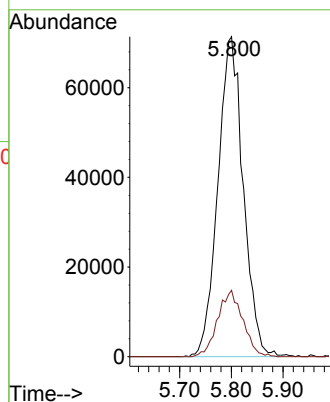
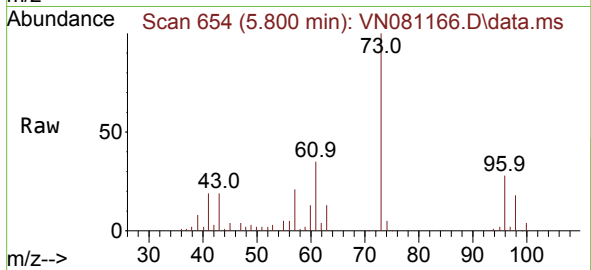




#19
Methyl tert-butyl Ether
Concen: 21.516 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

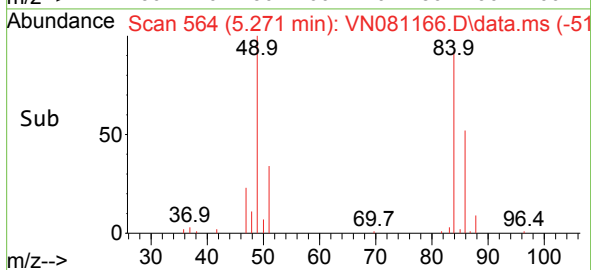
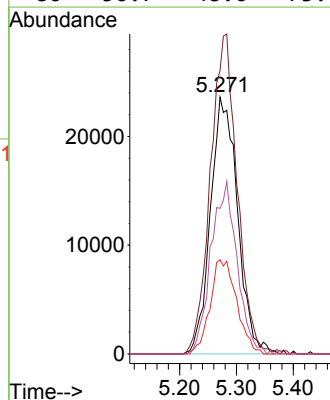
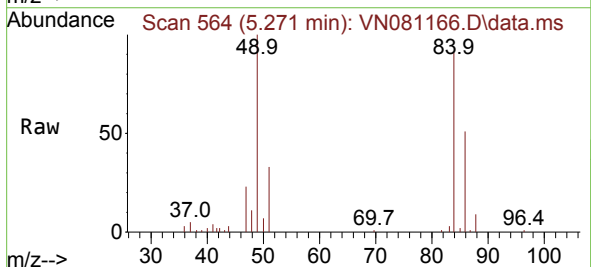
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

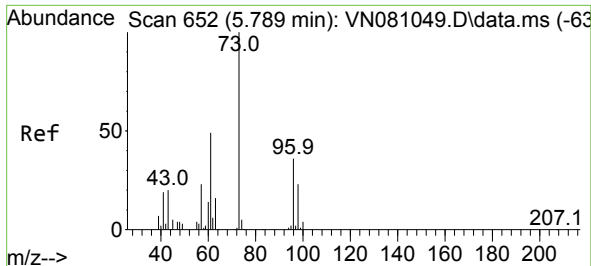
Tgt Ion: 73 Resp: 242889
Ion Ratio Lower Upper
73 100
57 20.8 18.2 27.4



#20
Methylene Chloride
Concen: 20.988 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 84 Resp: 78281
Ion Ratio Lower Upper
84 100
49 110.4 108.1 162.1
51 36.7 32.9 49.3
86 56.7 48.6 73.0

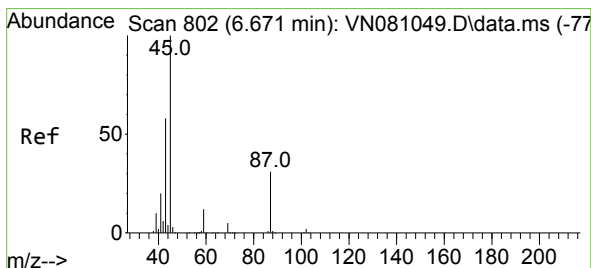
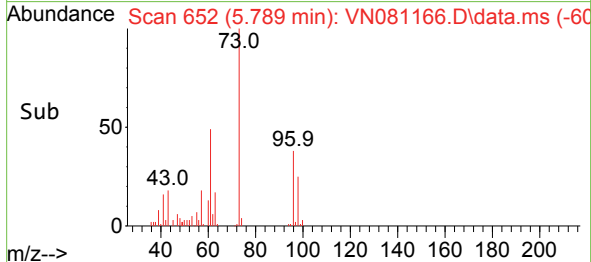
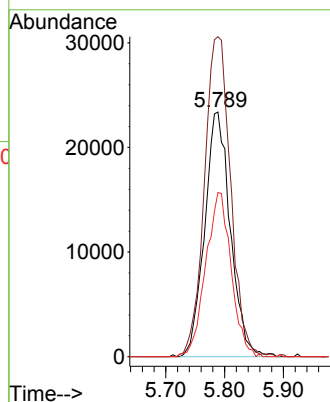
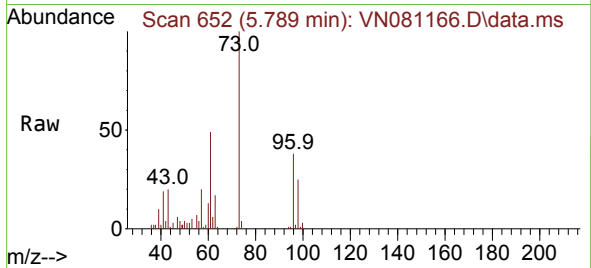




#21
trans-1,2-Dichloroethene
Concen: 19.275 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

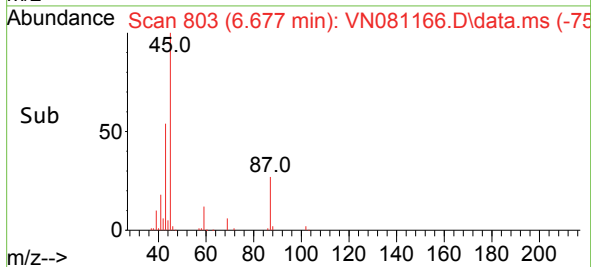
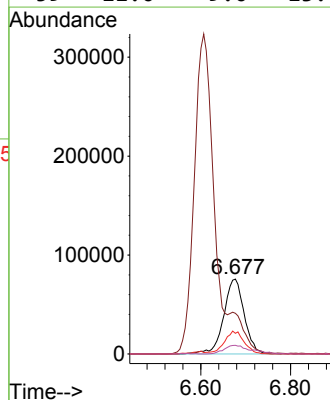
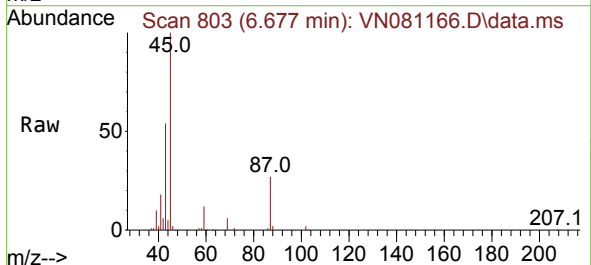
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

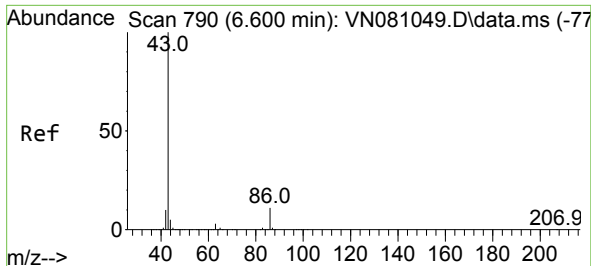
Tgt Ion: 96 Resp: 70879
Ion Ratio Lower Upper
96 100
61 129.9 112.8 169.2
98 66.3 51.0 76.4



#22
Diisopropyl ether
Concen: 21.698 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 45 Resp: 240712
Ion Ratio Lower Upper
45 100
43 53.1 41.8 62.8
87 27.5 18.1 27.1#
59 11.0 9.0 13.6

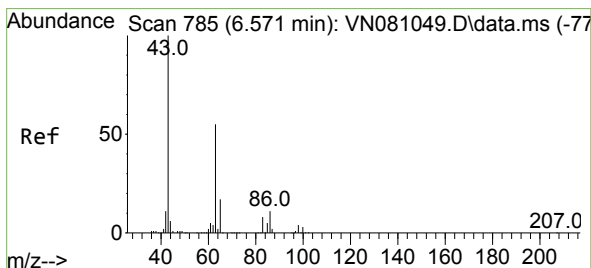
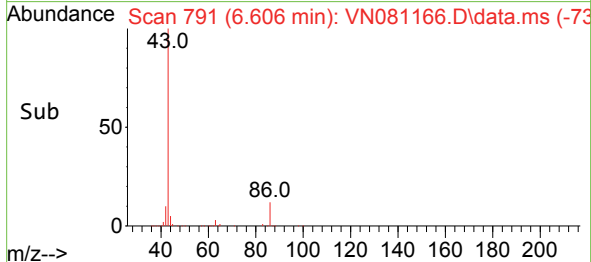
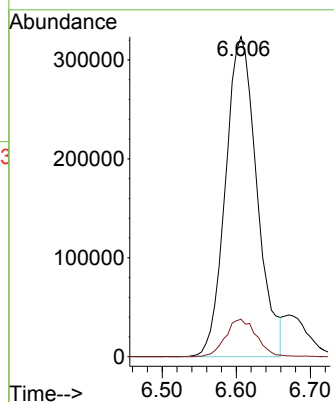
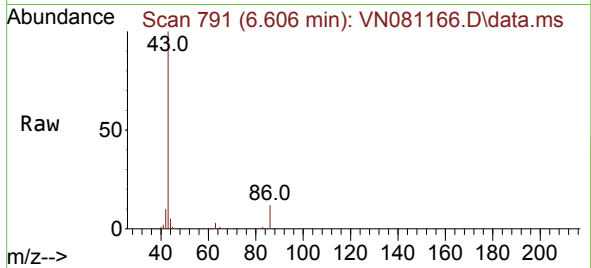




#23
 Vinyl Acetate
 Concen: 105.746 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081166.D
 Acq: 23 Feb 2024 18:08

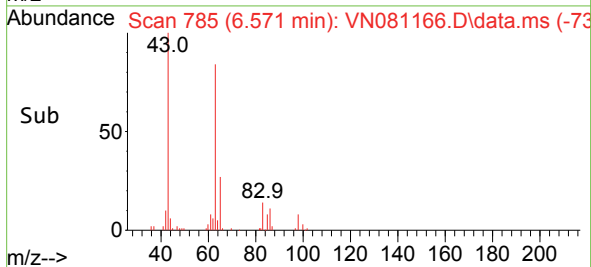
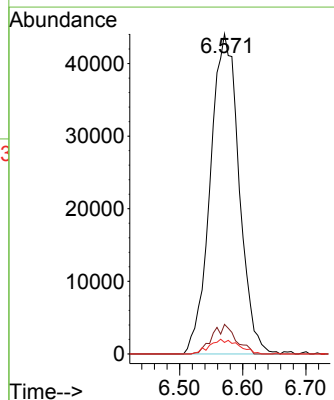
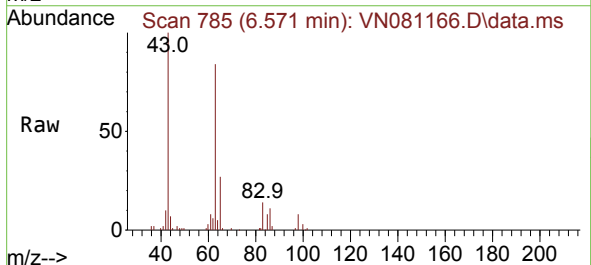
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD02

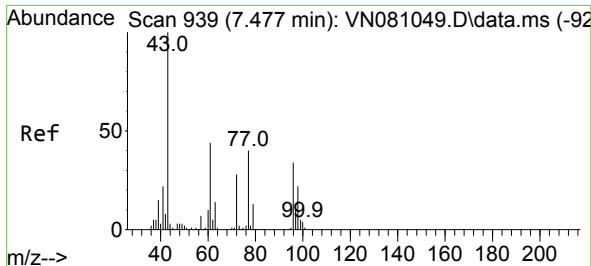
Tgt Ion: 43 Resp: 951785
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 21.726 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081166.D
 Acq: 23 Feb 2024 18:08

Tgt Ion: 63 Resp: 139361
 Ion Ratio Lower Upper
 63 100
 98 9.3 2.9 8.6#
 100 3.6 1.9 5.7

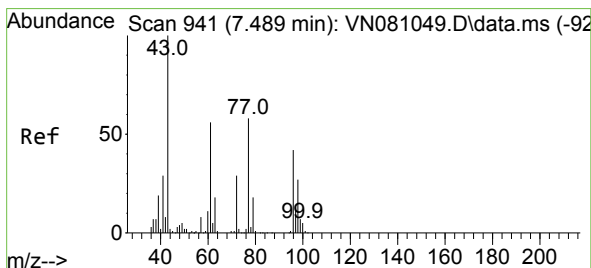
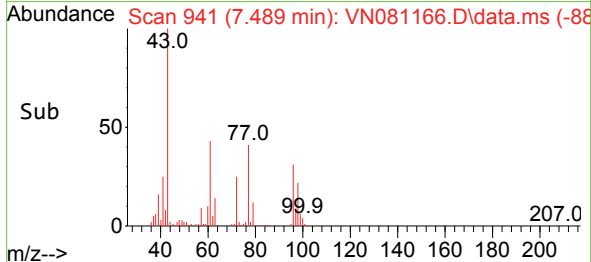
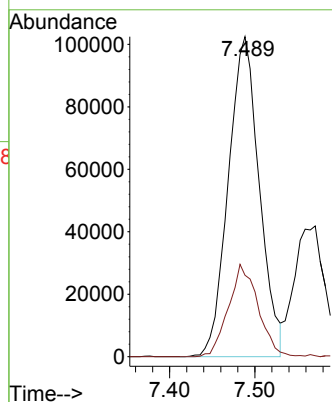
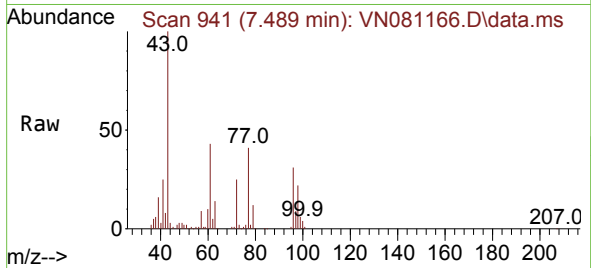




#25
2-Butanone
Concen: 114.191 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

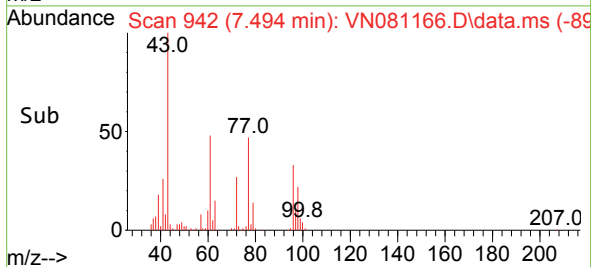
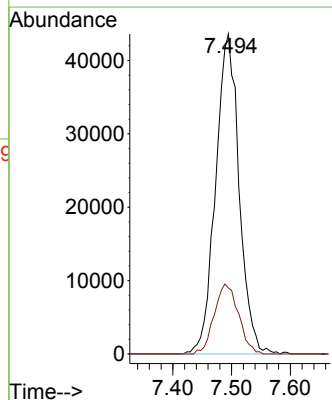
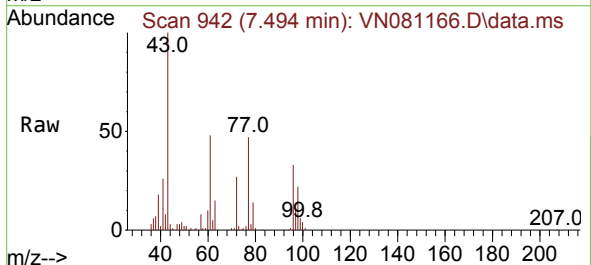
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

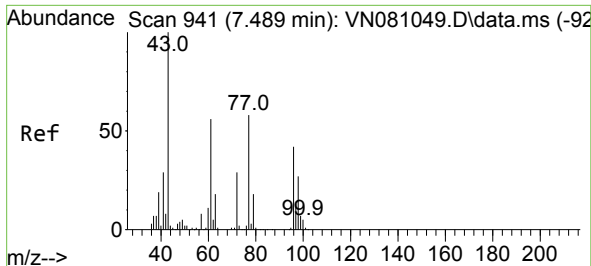
Tgt Ion: 43 Resp: 259313
Ion Ratio Lower Upper
43 100
72 25.4 19.5 29.3



#26
2,2-Dichloropropane
Concen: 20.140 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 77 Resp: 121044
Ion Ratio Lower Upper
77 100
97 22.6 11.5 34.5

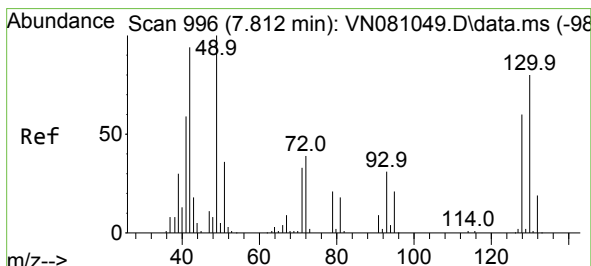
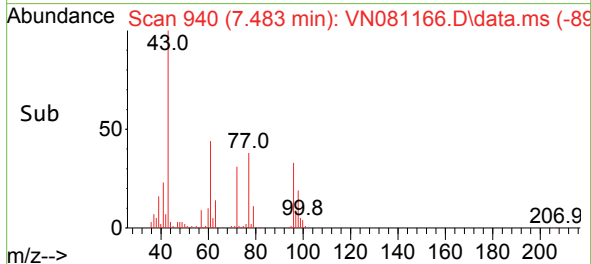
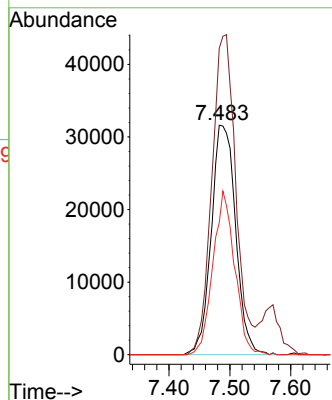
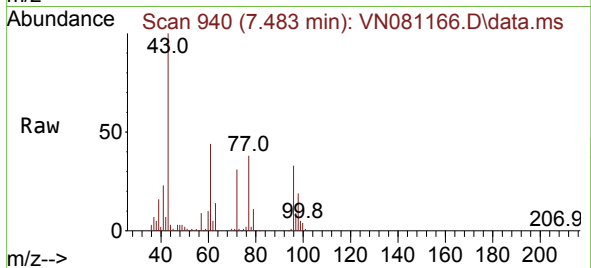




#27
cis-1,2-Dichloroethene
Concen: 20.564 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

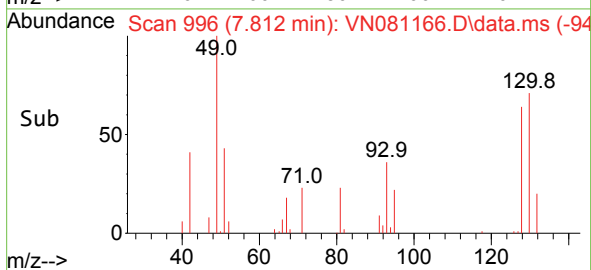
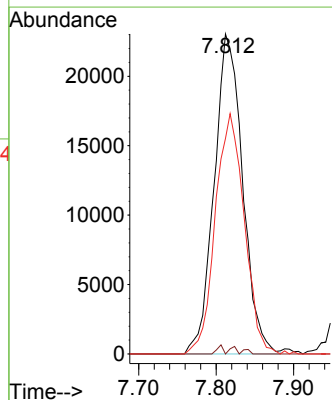
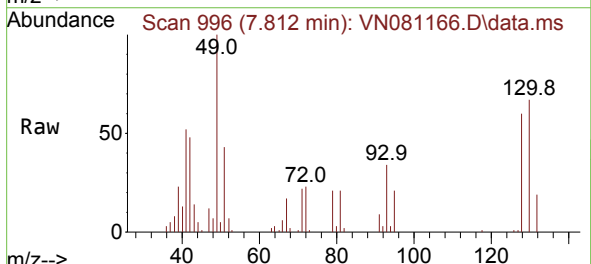
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

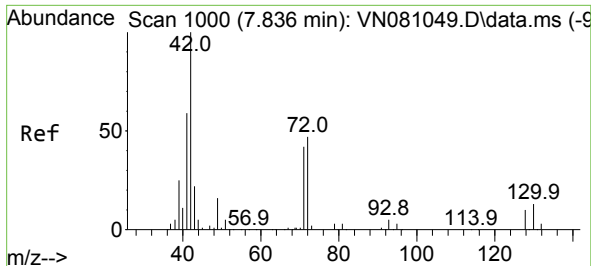
Tgt Ion: 96 Resp: 87857
Ion Ratio Lower Upper
96 100
61 137.5 0.0 325.4
98 63.7 0.0 130.4



#28
Bromochloromethane
Concen: 22.134 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 49 Resp: 58859
Ion Ratio Lower Upper
49 100
129 0.5 0.0 1.6
130 76.5 42.3 63.5#





#29

Tetrahydrofuran

Concen: 118.144 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

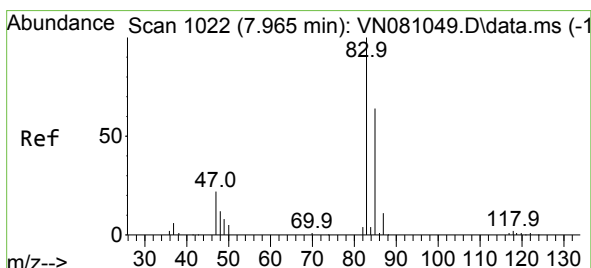
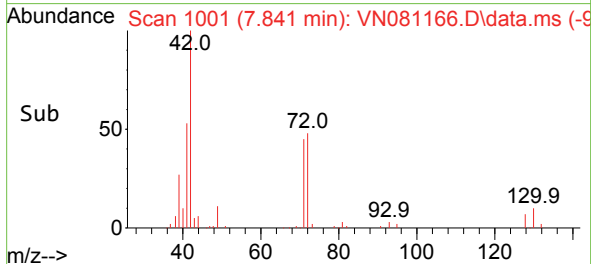
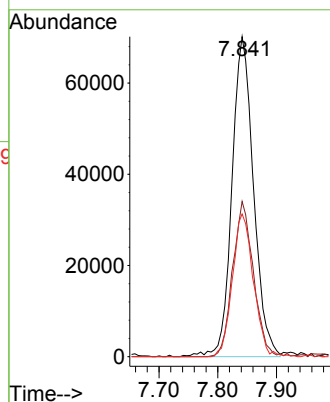
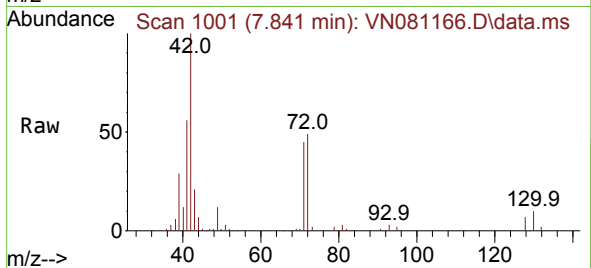
Tgt Ion: 42 Resp: 179097

Ion Ratio Lower Upper

42 100

72 46.8 31.1 46.7#

71 43.5 28.3 42.5#



#30

Chloroform

Concen: 21.299 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN081166.D

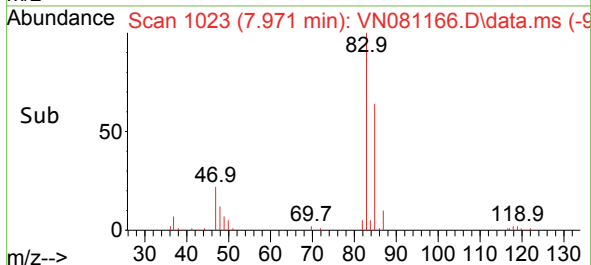
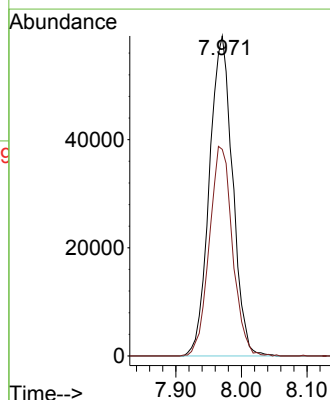
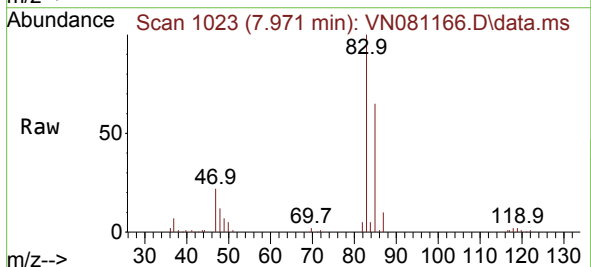
Acq: 23 Feb 2024 18:08

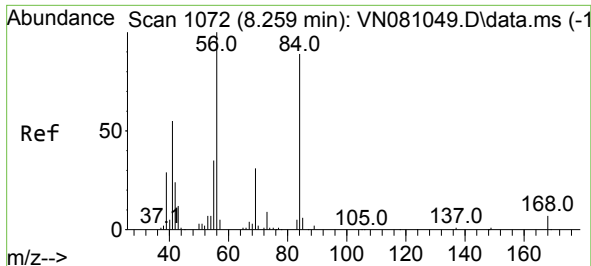
Tgt Ion: 83 Resp: 145240

Ion Ratio Lower Upper

83 100

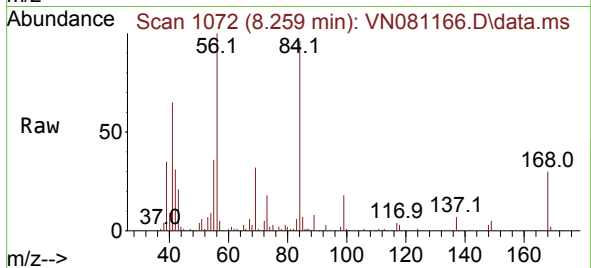
85 64.5 51.0 76.6



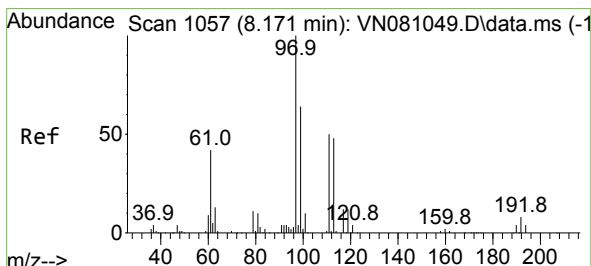
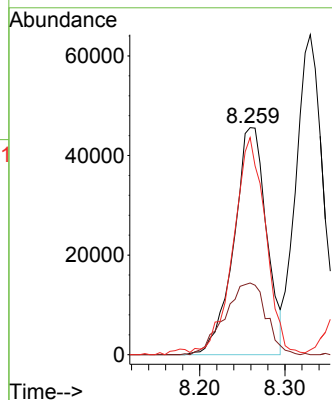
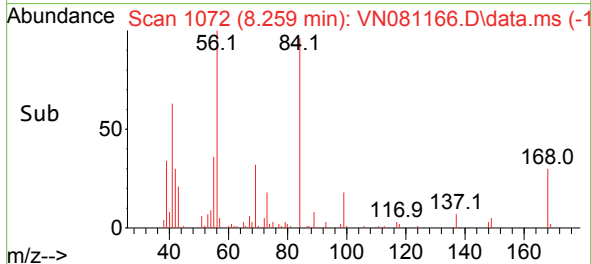


#31
Cyclohexane
Concen: 19.747 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

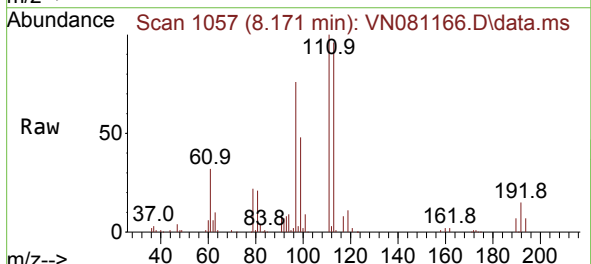
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



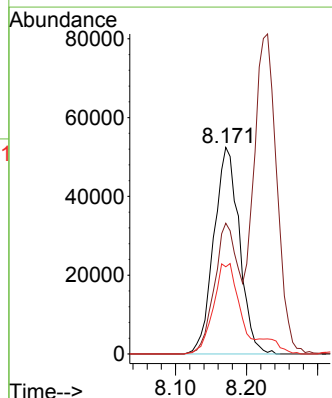
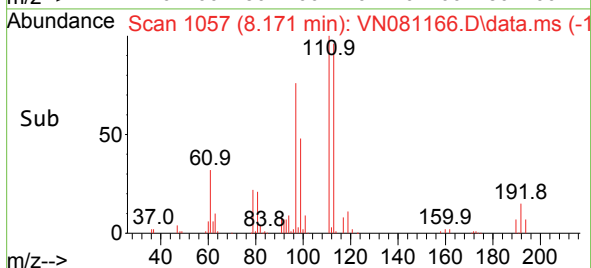
Tgt Ion: 56 Resp: 121809
Ion Ratio Lower Upper
56 100
69 31.6 20.1 30.1#
84 93.1 56.9 85.3#

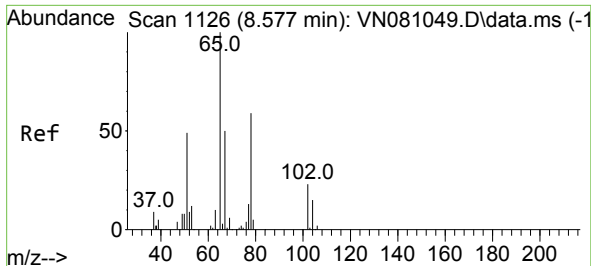


#32
1,1,1-Trichloroethane
Concen: 21.078 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08



Tgt Ion: 97 Resp: 130902
Ion Ratio Lower Upper
97 100
99 58.8 53.4 80.0
61 44.6 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 51.904 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

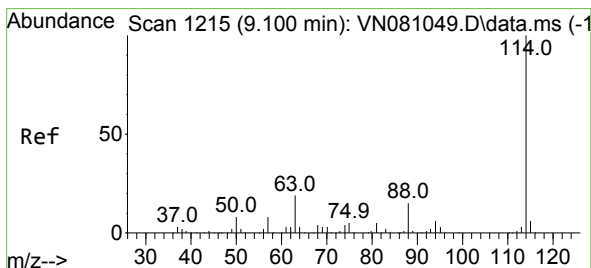
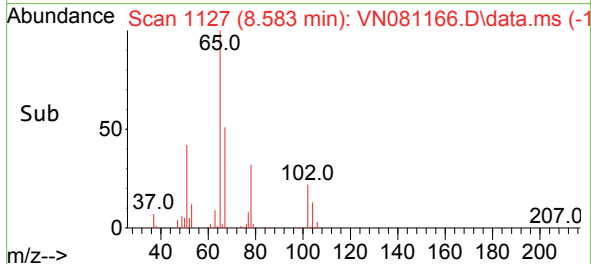
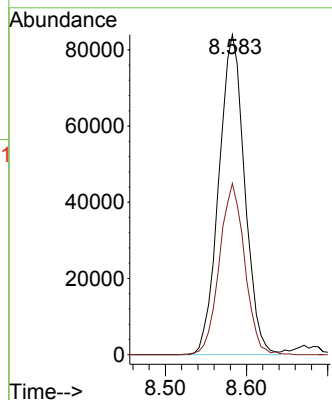
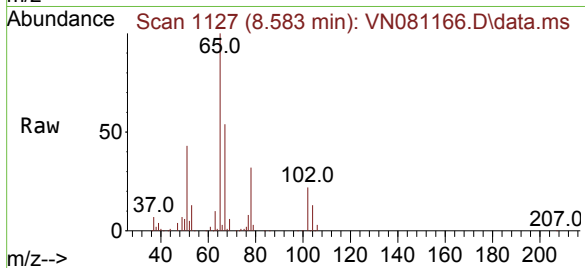
VN0223WBSD02

Tgt Ion: 65 Resp: 185421

Ion Ratio Lower Upper

65 100

67 52.4 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: VN081166.D

Acq: 23 Feb 2024 18:08

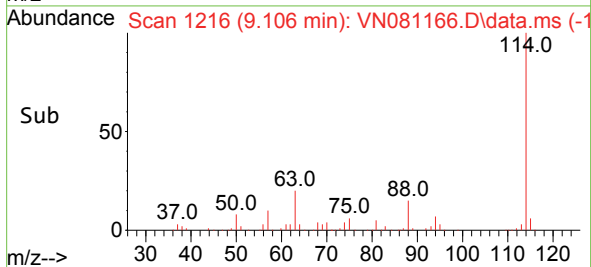
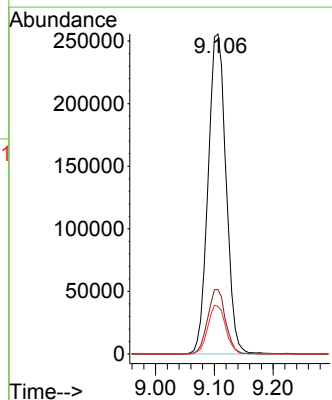
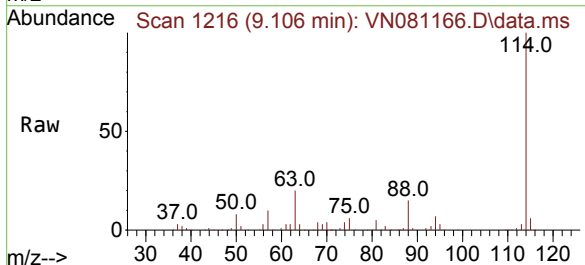
Tgt Ion: 114 Resp: 540567

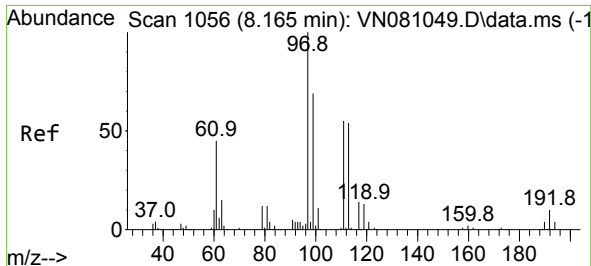
Ion Ratio Lower Upper

114 100

63 20.1 0.0 48.0

88 14.9 0.0 34.8

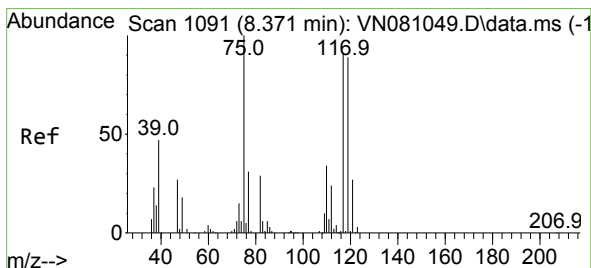
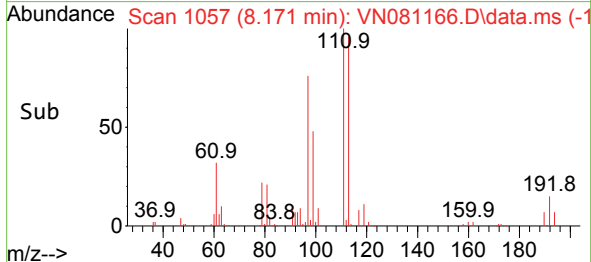
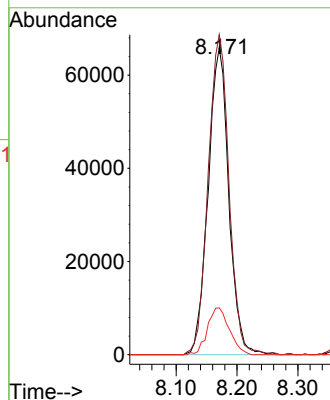
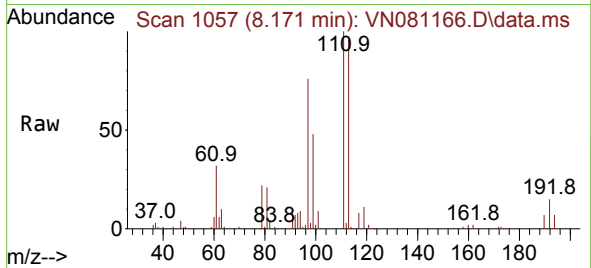




#35
Dibromofluoromethane
Concen: 50.843 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

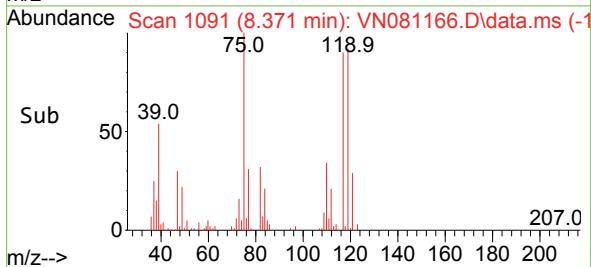
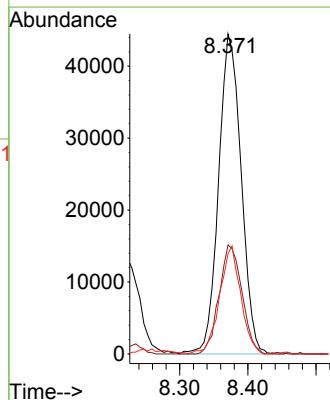
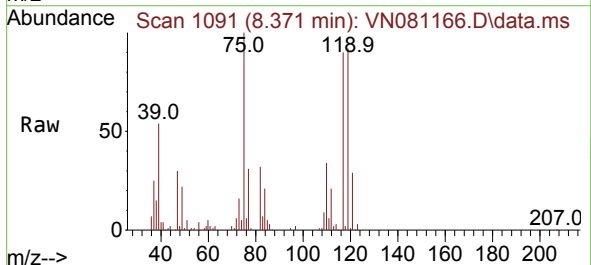
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

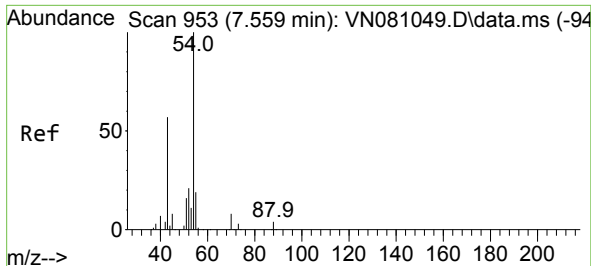
Tgt Ion:113 Resp: 155414
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.4
192 16.1 12.5 18.7



#36
1,1-Dichloropropene
Concen: 19.565 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 75 Resp: 102460
Ion Ratio Lower Upper
75 100
110 34.5 16.0 48.0
77 31.8 25.8 38.6

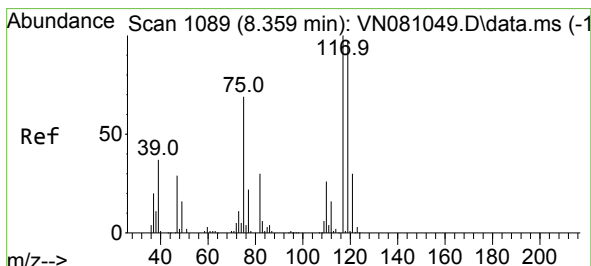
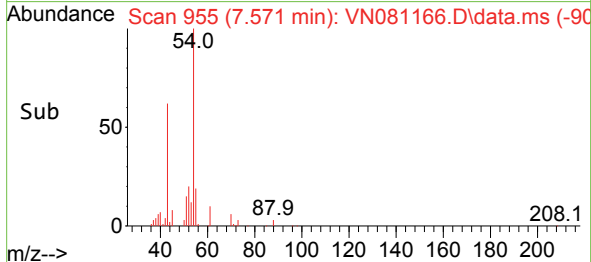
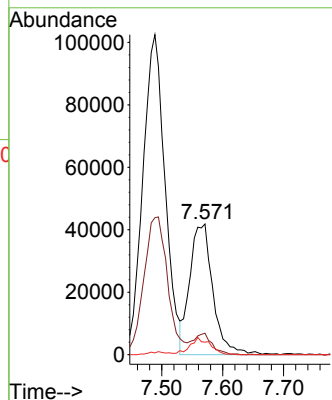
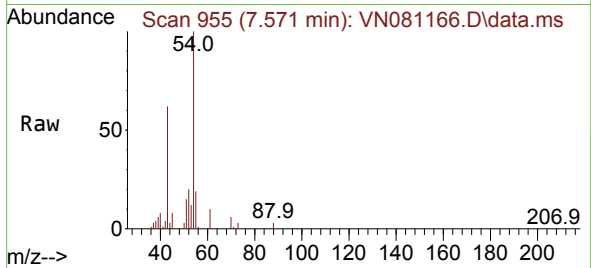




#37
Ethyl Acetate
Concen: 23.462 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

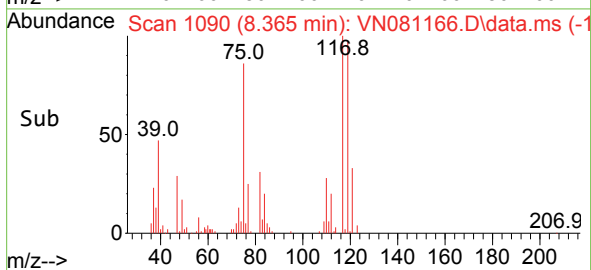
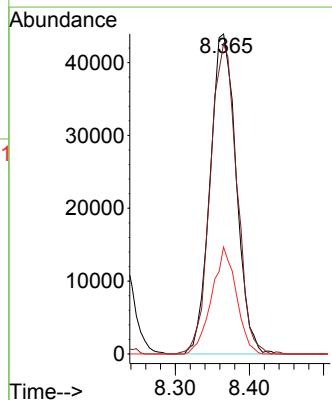
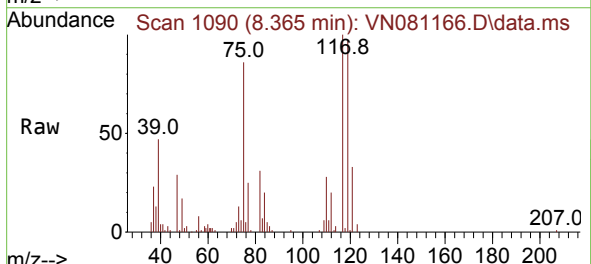
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

Tgt Ion: 43 Resp: 110887
Ion Ratio Lower Upper
43 100
61 13.3 10.6 15.8
70 11.3 8.0 12.0



#38
Carbon Tetrachloride
Concen: 20.318 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 117 Resp: 107652
Ion Ratio Lower Upper
117 100
119 96.4 73.4 110.2
121 33.4 24.4 36.6

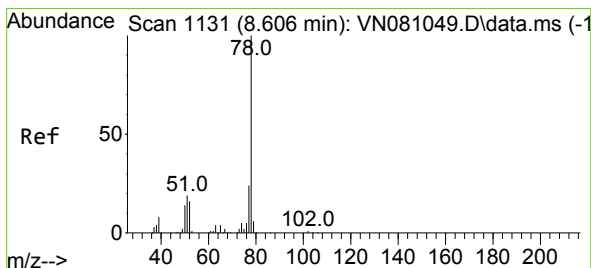
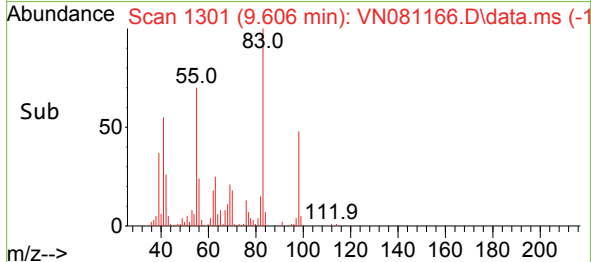
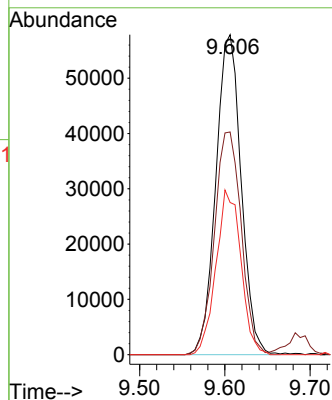
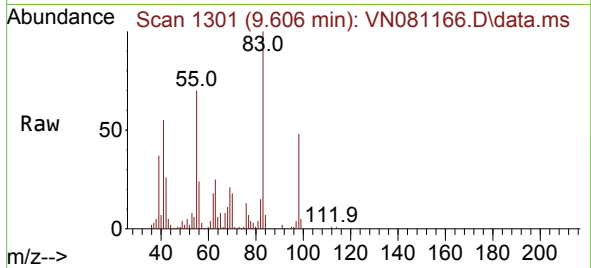




#39
Methylcyclohexane
Concen: 19.596 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

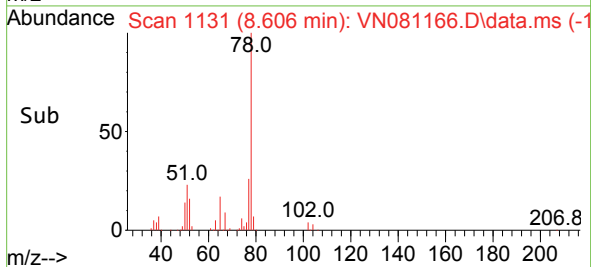
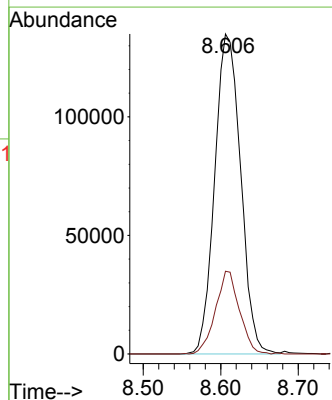
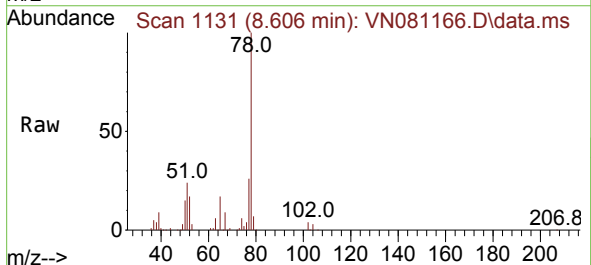
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

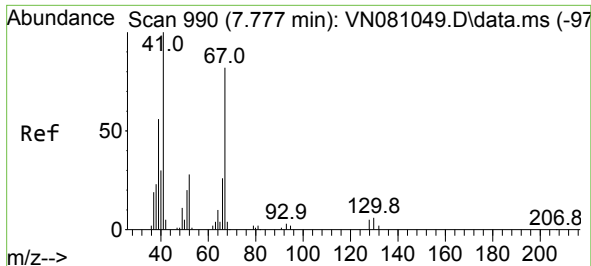
Tgt Ion: 83 Resp: 119630
Ion Ratio Lower Upper
83 100
55 69.6 65.7 98.5
98 47.6 33.8 50.6



#40
Benzene
Concen: 20.736 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 78 Resp: 314319
Ion Ratio Lower Upper
78 100
77 25.8 20.4 30.6

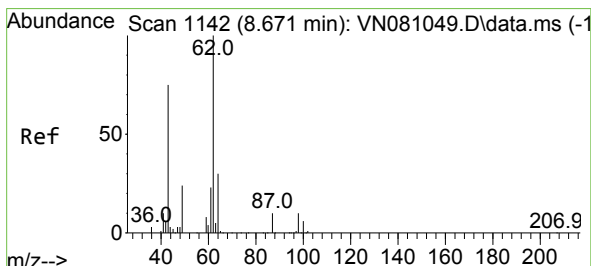
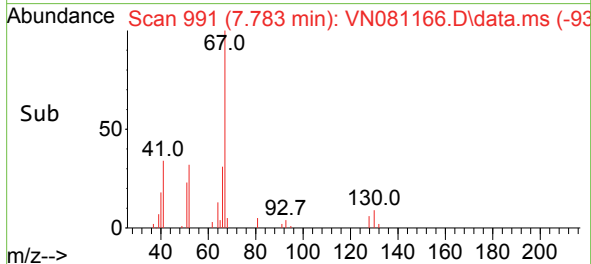
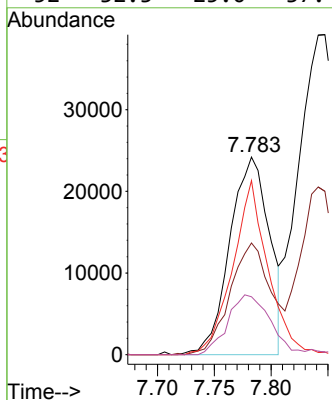
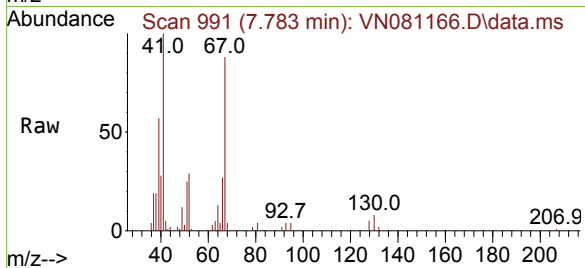




#41
Methacrylonitrile
Concen: 21.862 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

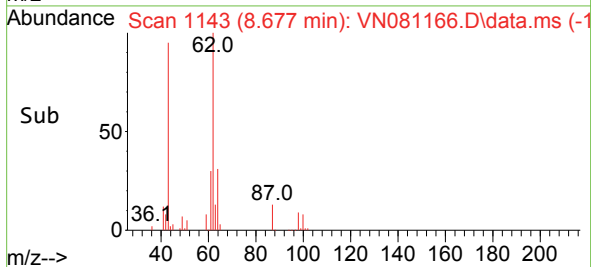
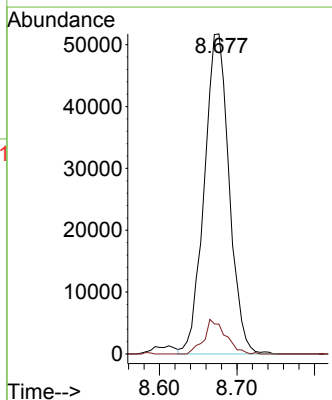
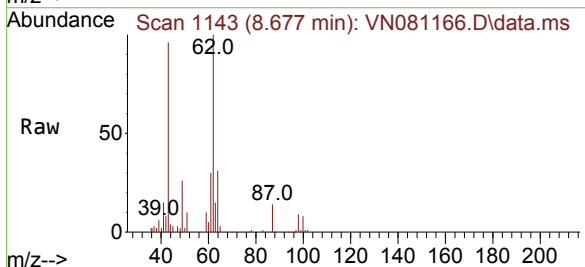
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

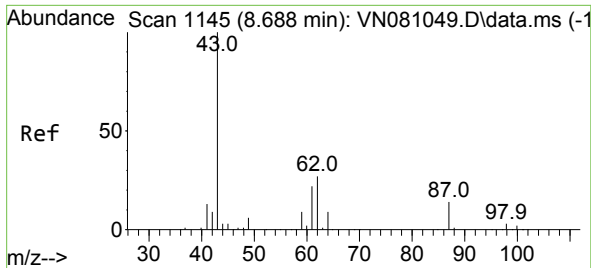
Tgt Ion:	41	Resp:	58806
Ion Ratio	Lower	Upper	
41	100		
39	59.2	48.4	72.6
67	78.6	56.8	85.2
52	32.3	25.0	37.4



#42
1,2-Dichloroethane
Concen: 21.851 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion:	62	Resp:	115556
Ion Ratio	Lower	Upper	
62	100		
98	9.4	0.0	18.0

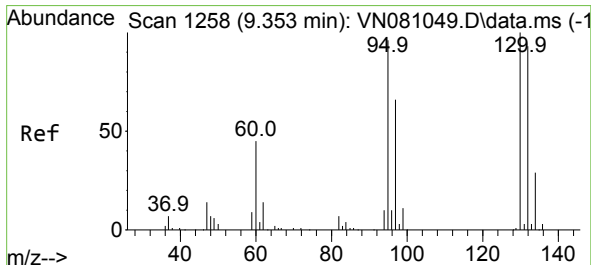
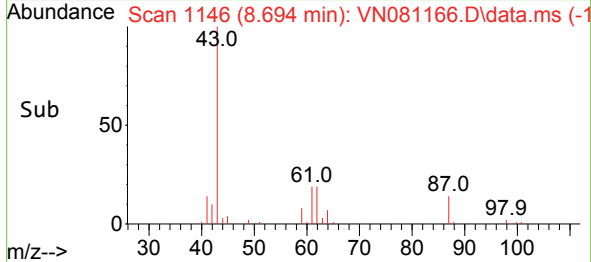
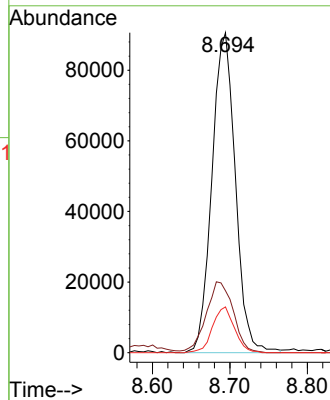
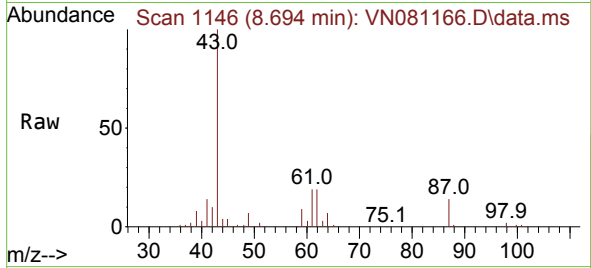




#43
Isopropyl Acetate
Concen: 23.086 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

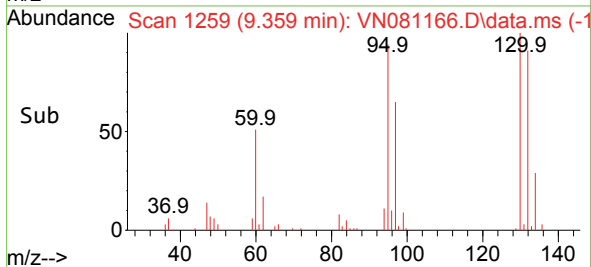
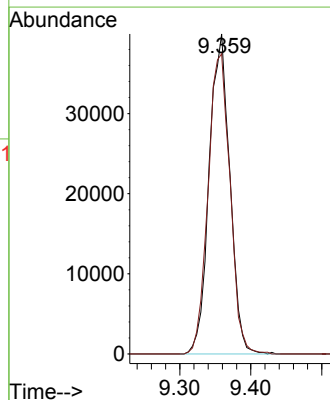
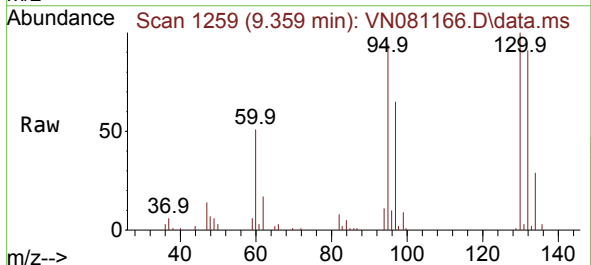
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

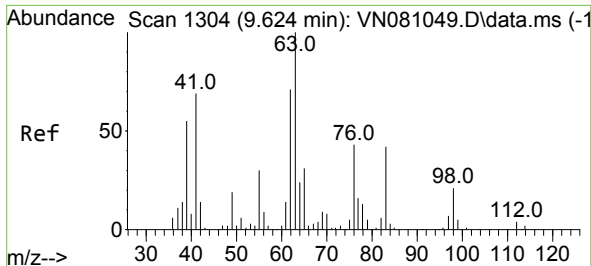
Tgt Ion: 43 Resp: 190829
Ion Ratio Lower Upper
43 100
61 25.6 19.9 29.9
87 13.4 9.0 13.6



#44
Trichloroethene
Concen: 19.986 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion:130 Resp: 80689
Ion Ratio Lower Upper
130 100
95 93.8 0.0 210.4

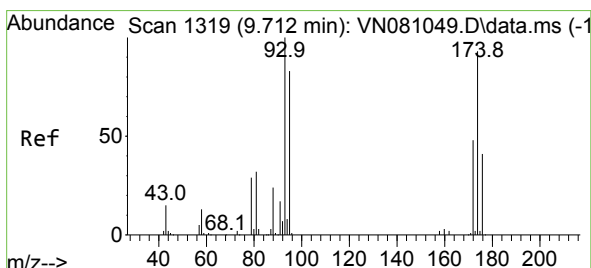
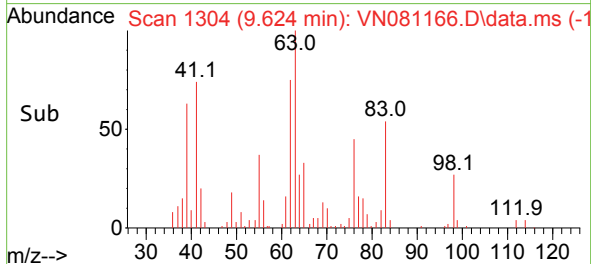
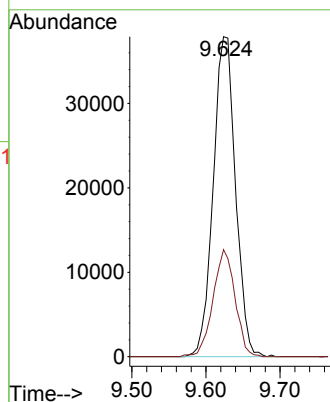
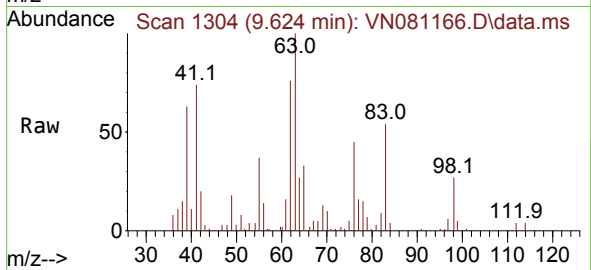




#45
1,2-Dichloropropane
Concen: 20.881 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

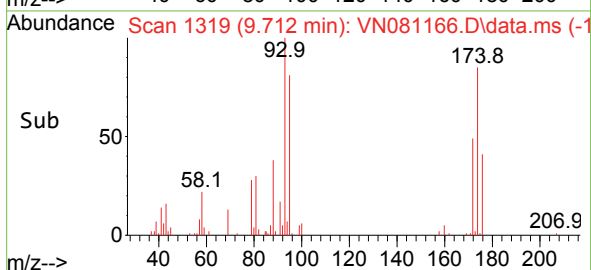
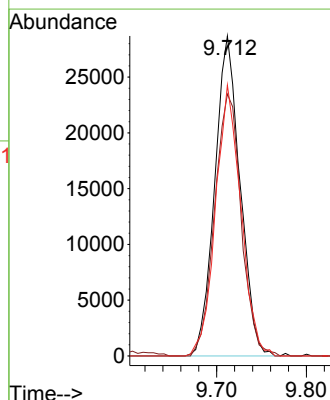
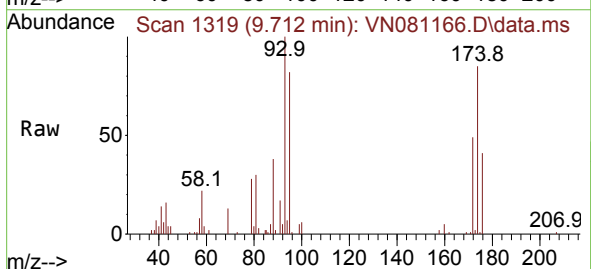
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

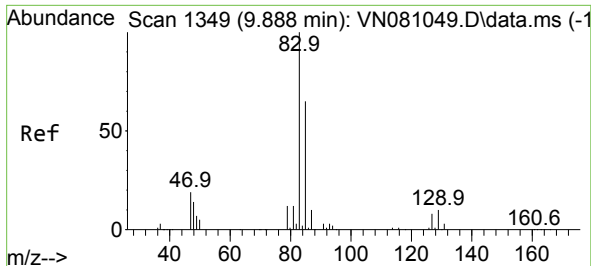
Tgt Ion: 63 Resp: 79175
Ion Ratio Lower Upper
63 100
65 33.4 26.1 39.1



#46
Dibromomethane
Concen: 20.341 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 93 Resp: 56196
Ion Ratio Lower Upper
93 100
95 85.9 68.1 102.1
174 84.7 57.2 85.8

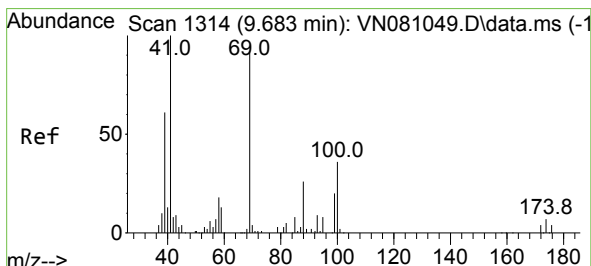
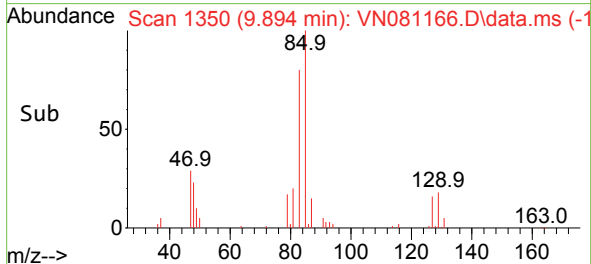
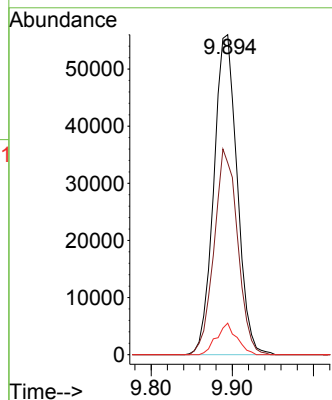
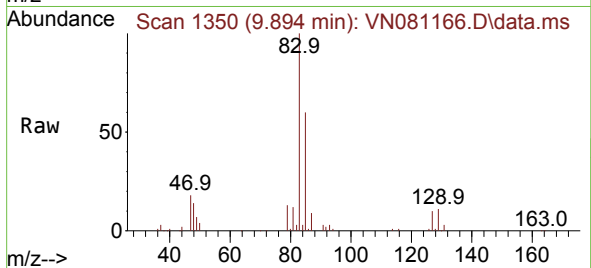




#47
Bromodichloromethane
Concen: 21.384 ug/l
RT: 9.894 min Scan# 111887
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

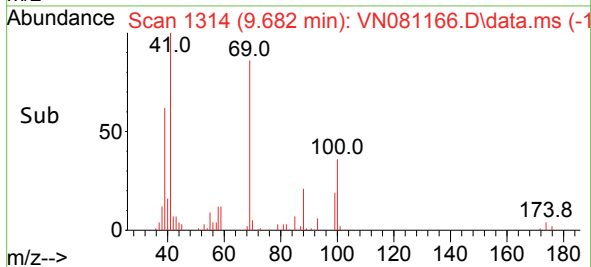
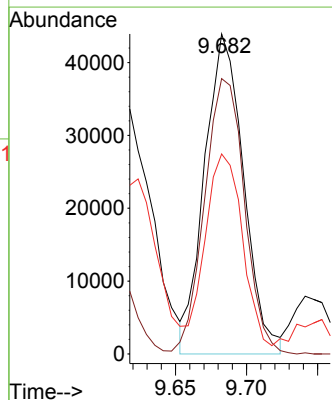
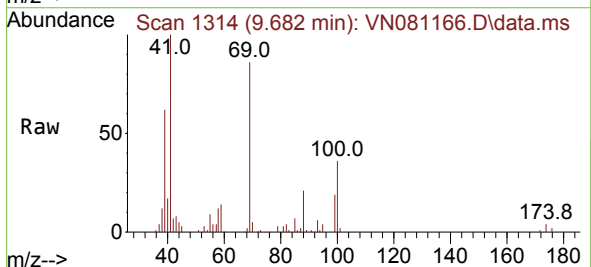
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

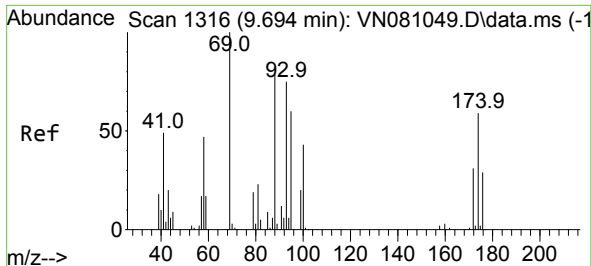
Tgt Ion: 83 Resp: 111887
Ion Ratio Lower Upper
83 100
85 59.9 52.3 78.5
127 9.8 4.6 7.0#



#48
Methyl methacrylate
Concen: 21.855 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 41 Resp: 84059
Ion Ratio Lower Upper
41 100
69 87.9 62.2 93.2
39 61.7 47.6 71.4





#49

1,4-Dioxane

Concen: 517.833 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

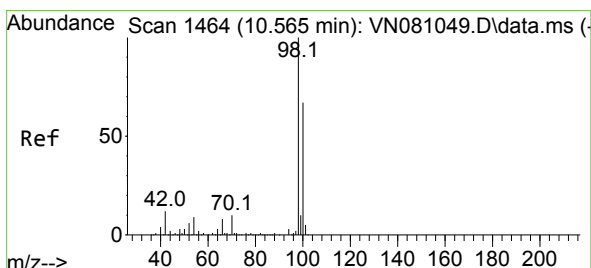
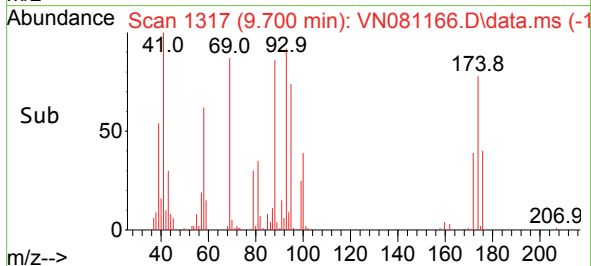
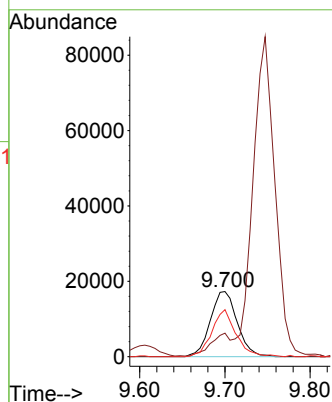
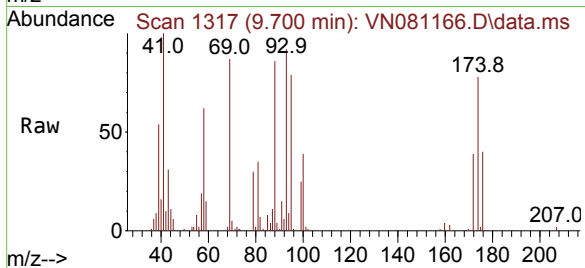
Tgt Ion: 88 Resp: 38014

Ion Ratio Lower Upper

88 100

43 26.1 30.1 45.1#

58 64.9 63.9 95.9



#50

Toluene-d8

Concen: 47.979 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081166.D

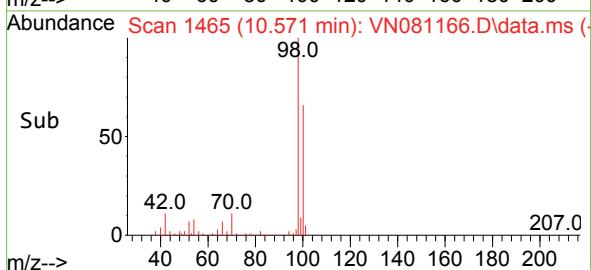
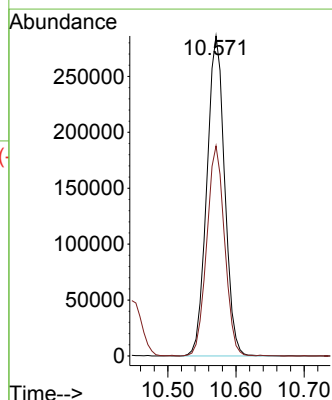
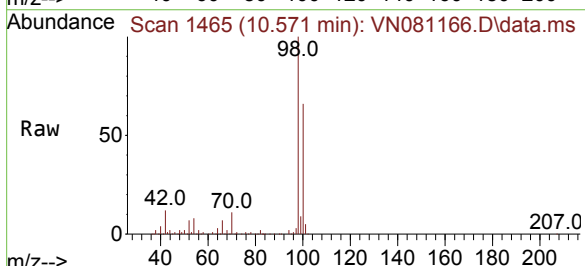
Acq: 23 Feb 2024 18:08

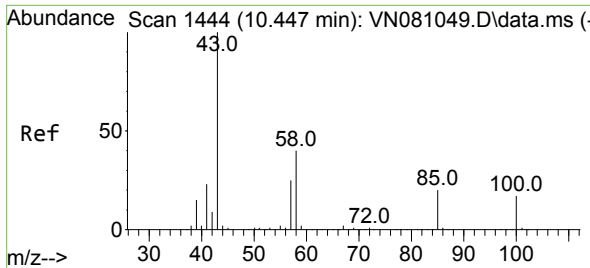
Tgt Ion: 98 Resp: 520894

Ion Ratio Lower Upper

98 100

100 65.6 51.4 77.0

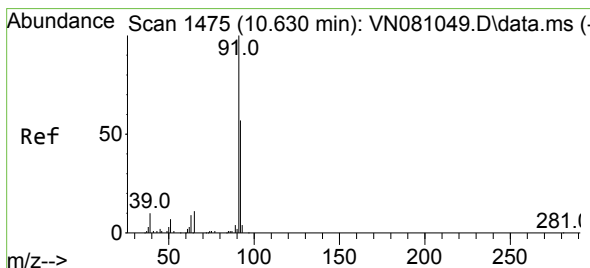
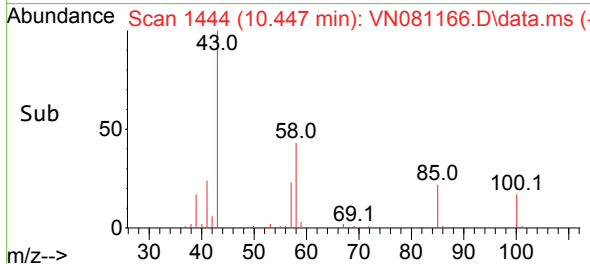
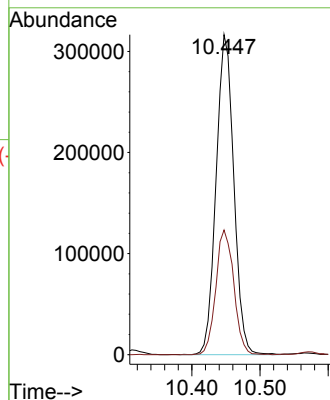
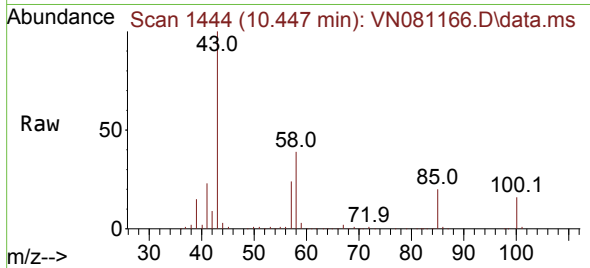




#51
4-Methyl-2-Pentanone
Concen: 120.287 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

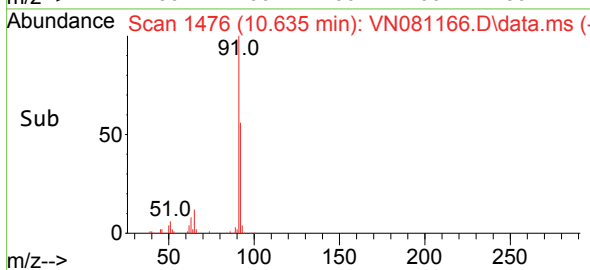
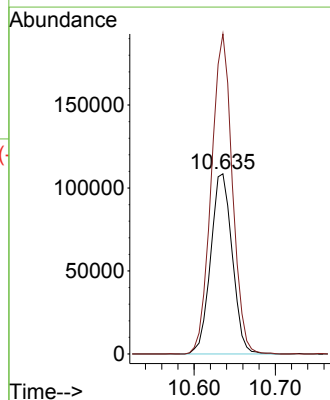
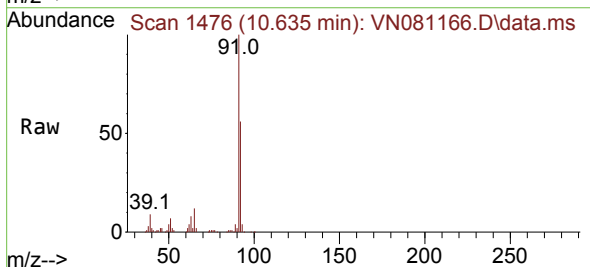
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

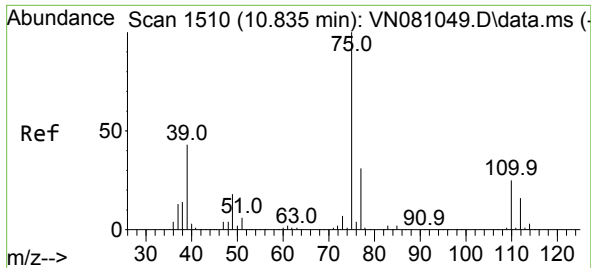
Tgt Ion: 43 Resp: 571968
Ion Ratio Lower Upper
43 100
58 39.6 29.4 44.0



#52
Toluene
Concen: 20.869 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 92 Resp: 200260
Ion Ratio Lower Upper
92 100
91 173.2 139.4 209.0

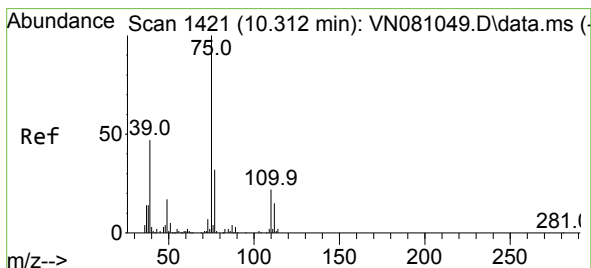
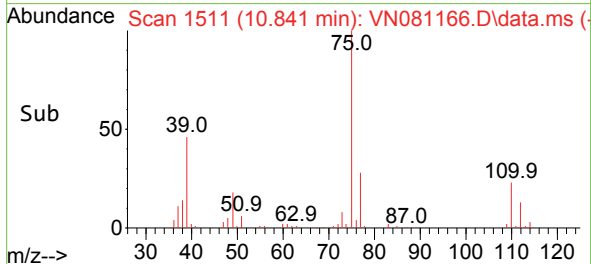
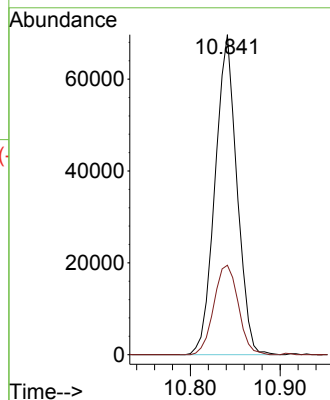
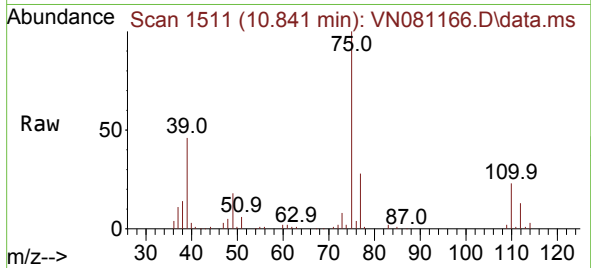




#53
 t-1,3-Dichloropropene
 Concen: 20.279 ug/l
 RT: 10.841 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN081166.D
 Acq: 23 Feb 2024 18:08

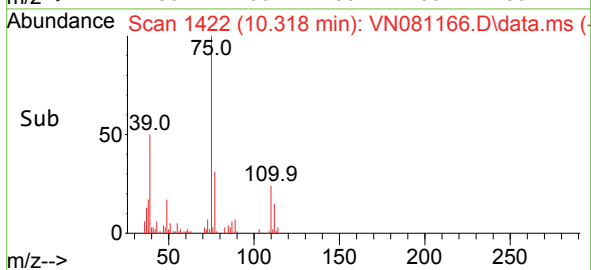
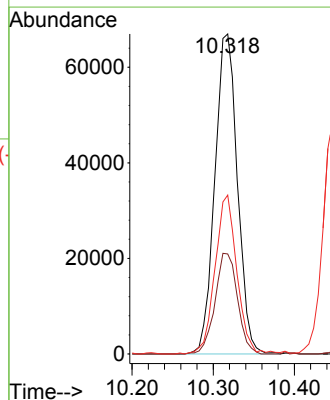
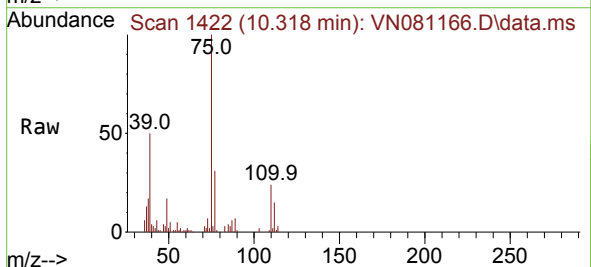
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD02

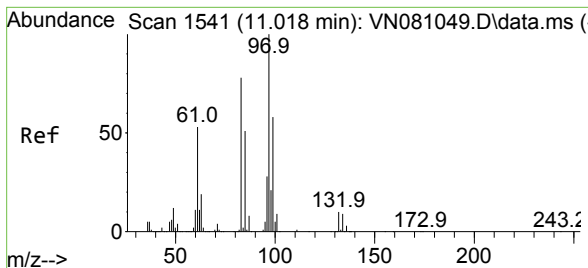
Tgt Ion: 75 Resp: 117914
 Ion Ratio Lower Upper
 75 100
 77 27.9 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.595 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081166.D
 Acq: 23 Feb 2024 18:08

Tgt Ion: 75 Resp: 129380
 Ion Ratio Lower Upper
 75 100
 77 31.3 23.3 34.9
 39 49.3 44.6 66.8

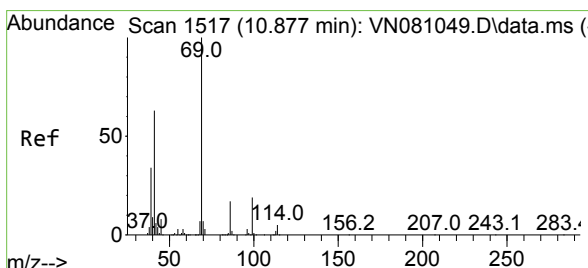
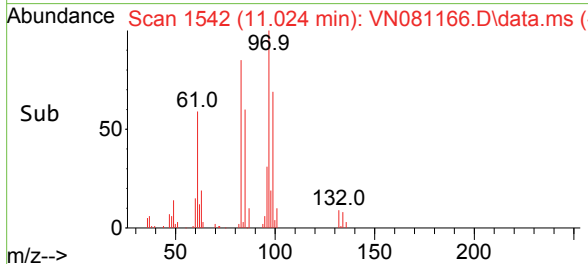
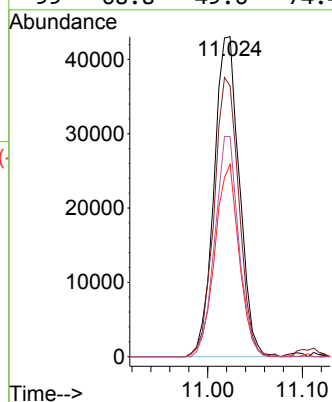
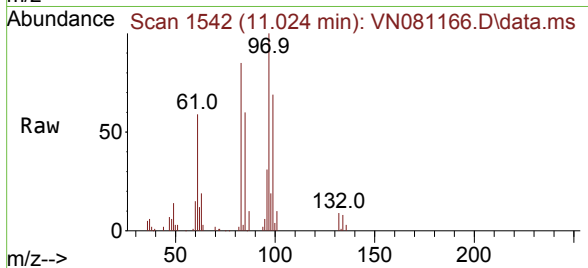




#55
 1,1,2-Trichloroethane
 Concen: 21.686 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: VN081166.D
 Acq: 23 Feb 2024 18:08

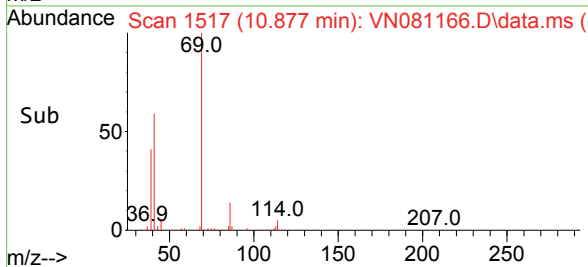
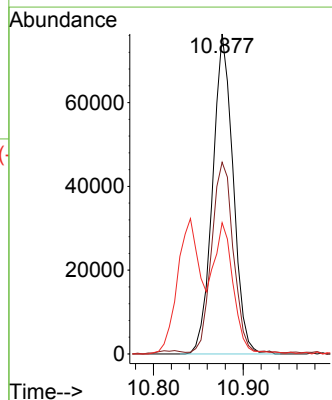
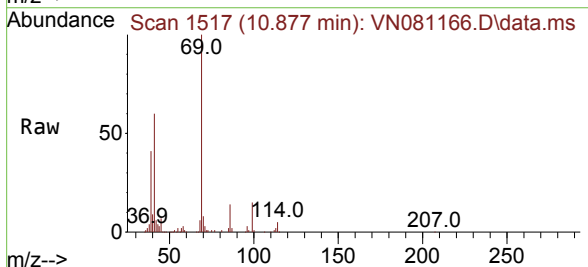
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD02

Tgt Ion:	97	Resp:	80039
Ion	Ratio	Lower	Upper
97	100		
83	84.6	72.9	109.3
85	60.2	50.2	75.2
99	68.8	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 21.502 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VN081166.D
 Acq: 23 Feb 2024 18:08

Tgt Ion:	69	Resp:	121290
Ion	Ratio	Lower	Upper
69	100		
41	63.4	61.0	91.6
39	39.5	31.8	47.6





#57

1,3-Dichloropropane

Concen: 21.966 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

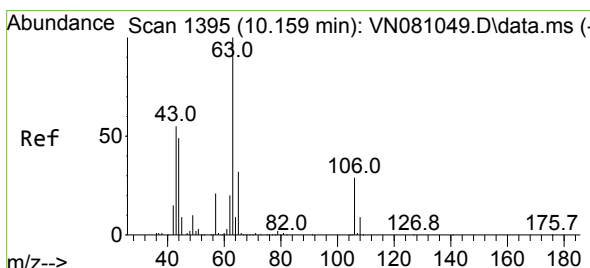
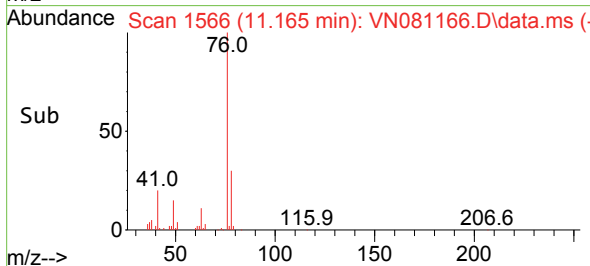
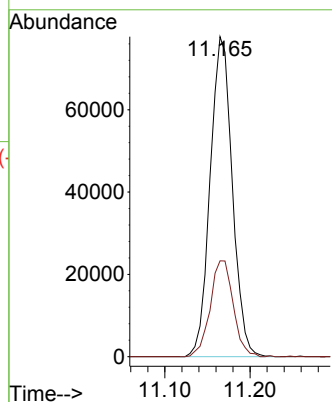
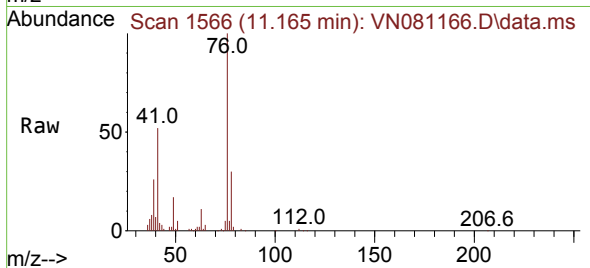
VN0223WBSD02

Tgt Ion: 76 Resp: 140184

Ion Ratio Lower Upper

76 100

78 31.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 92.074 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081166.D

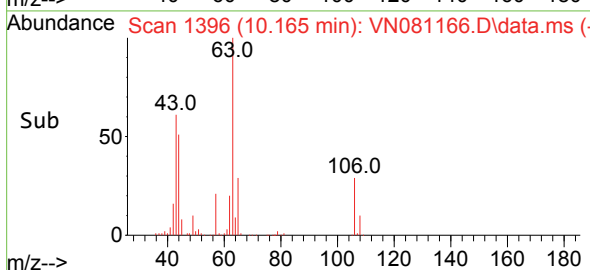
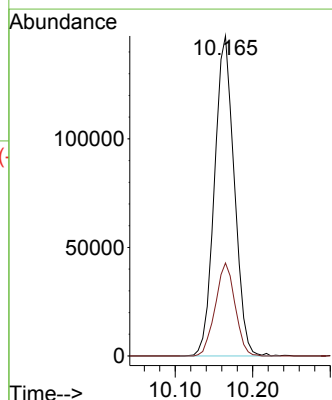
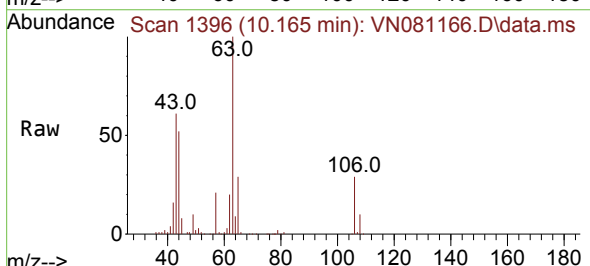
Acq: 23 Feb 2024 18:08

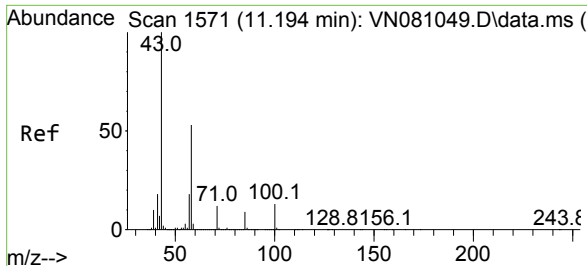
Tgt Ion: 63 Resp: 260593

Ion Ratio Lower Upper

63 100

106 29.1 18.6 28.0#

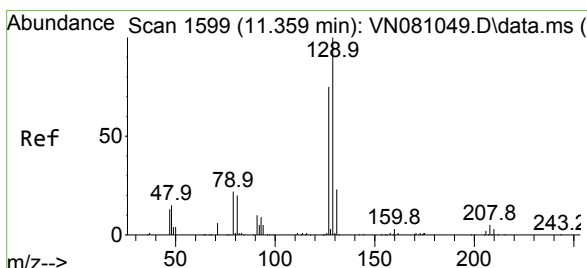
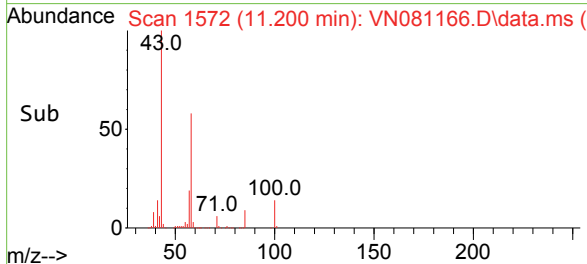
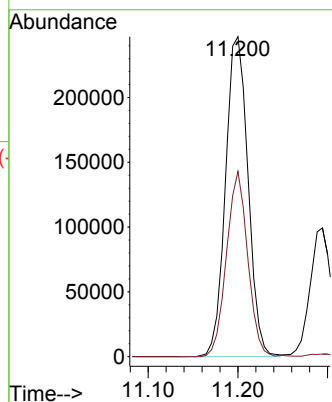
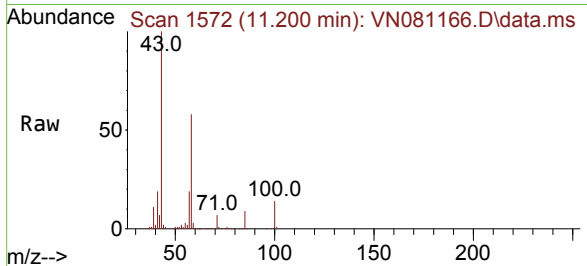




#59
2-Hexanone
Concen: 114.113 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

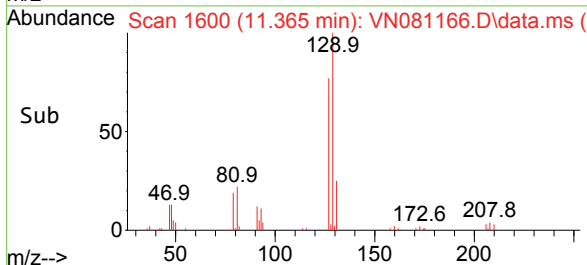
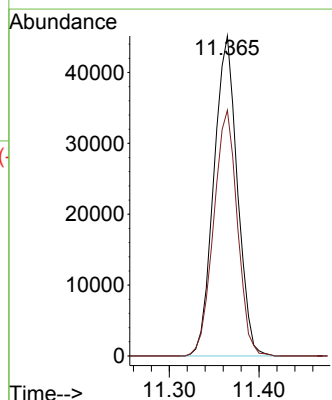
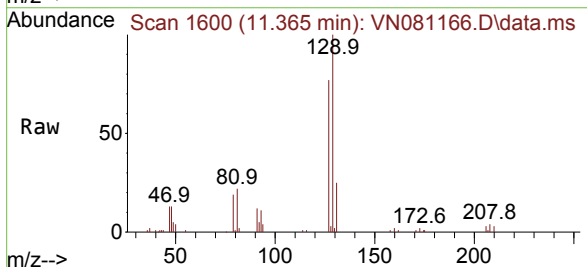
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

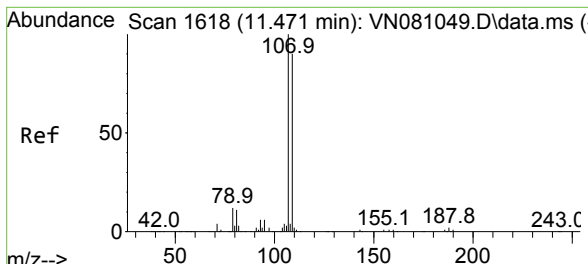
Tgt Ion: 43 Resp: 430183
Ion Ratio Lower Upper
43 100
58 54.7 25.9 77.8



#60
Dibromochloromethane
Concen: 20.954 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion:129 Resp: 82161
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.2

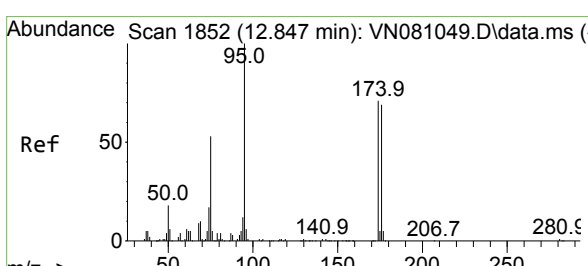
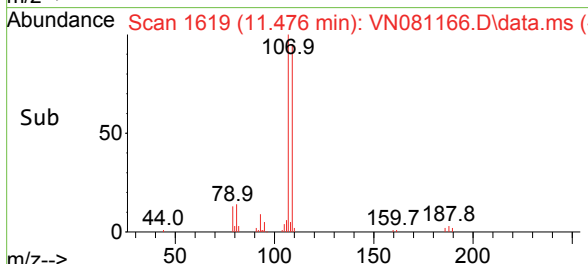
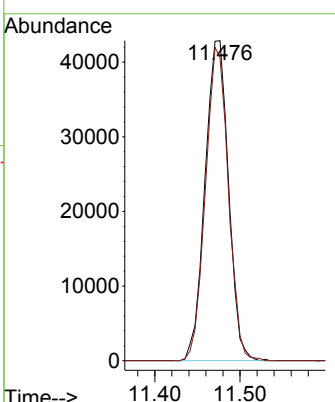
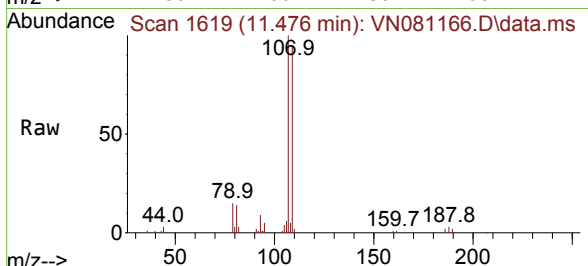




#61
 1,2-Dibromoethane
 Concen: 21.139 ug/l
 RT: 11.476 min Scan# 1619
 Delta R.T. 0.006 min
 Lab File: VN081166.D
 Acq: 23 Feb 2024 18:08

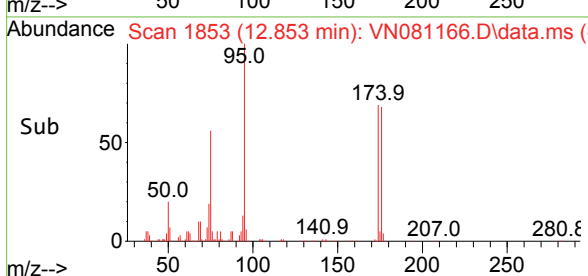
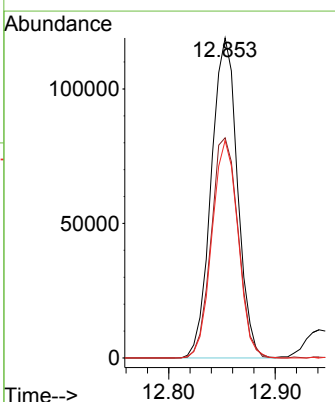
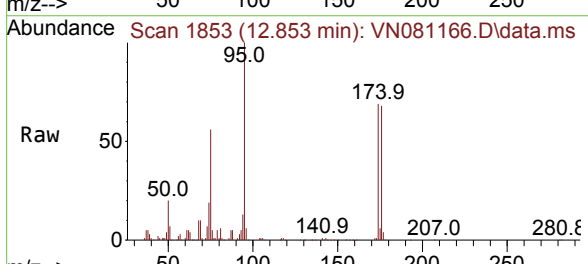
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD02

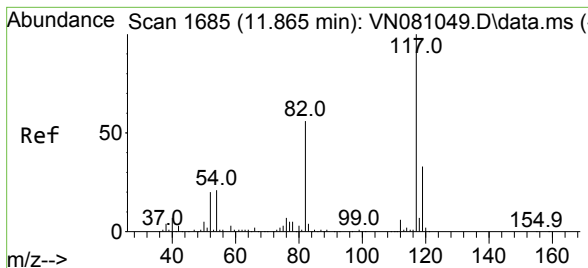
Tgt Ion:	107	Resp:	82044
Ion Ratio	Lower	Upper	
107	100		
109	95.3	73.4	110.2



#62
 4-Bromofluorobenzene
 Concen: 49.838 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: VN081166.D
 Acq: 23 Feb 2024 18:08

Tgt Ion:	95	Resp:	203312
Ion Ratio	Lower	Upper	
95	100		
174	70.9	0.0	120.4
176	67.5	0.0	121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

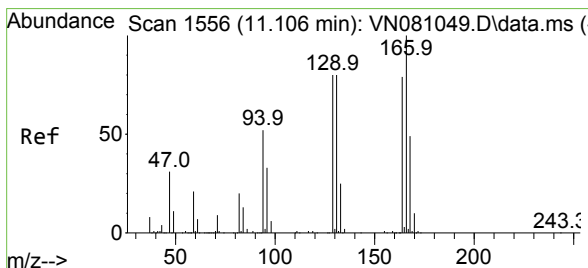
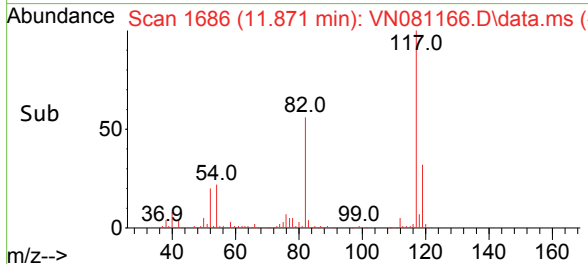
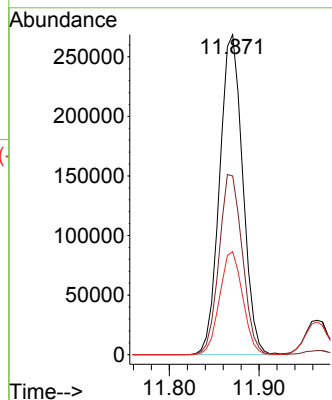
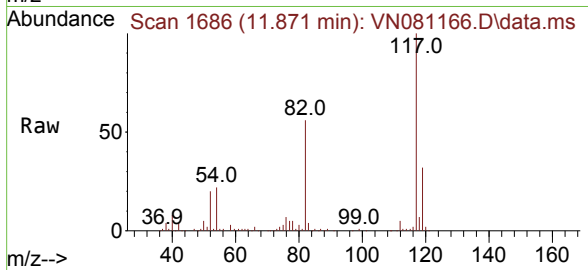
Tgt Ion:117 Resp: 480383

Ion Ratio Lower Upper

117 100

82 55.8 52.7 79.1

119 32.2 25.3 37.9



#64

Tetrachloroethene

Concen: 21.509 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Tgt Ion:164 Resp: 70519

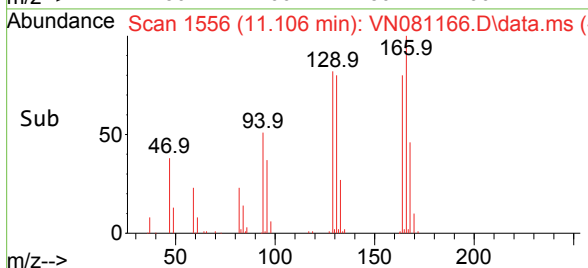
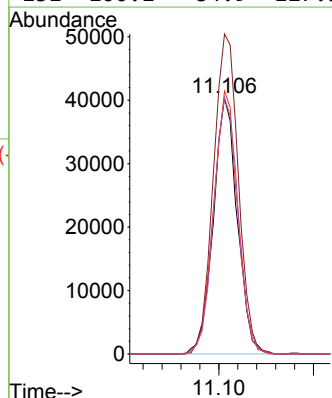
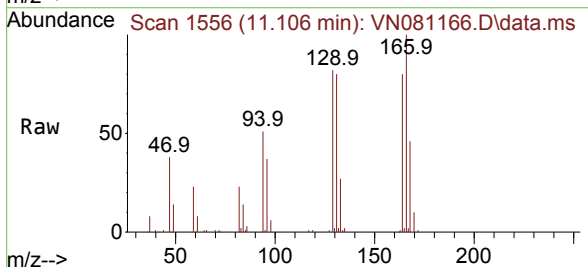
Ion Ratio Lower Upper

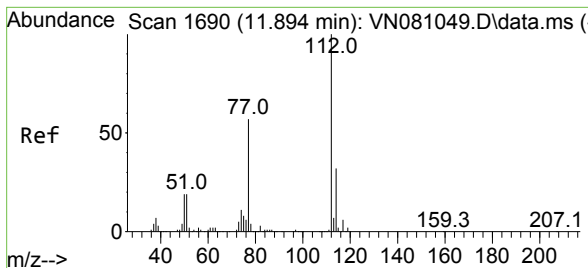
164 100

166 125.0 105.8 158.6

129 102.7 89.6 134.4

131 100.1 84.9 127.3

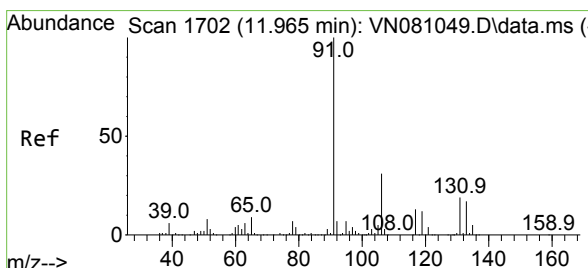
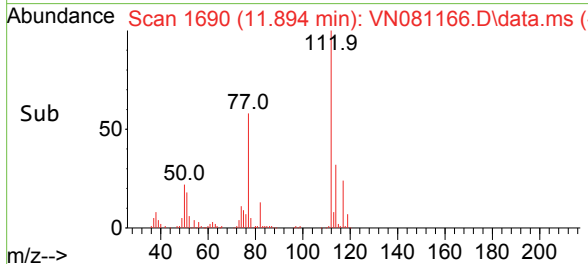
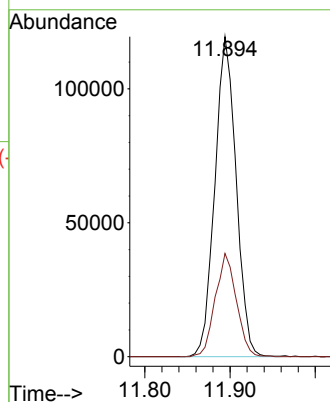
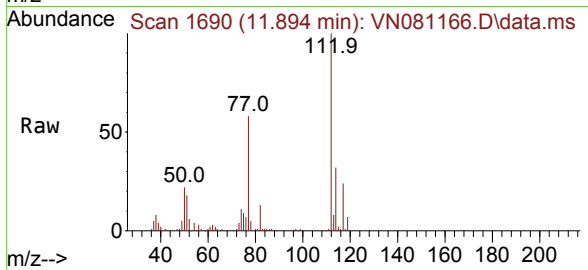




#65
Chlorobenzene
Concen: 19.931 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

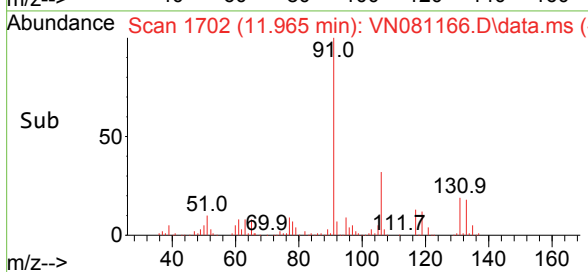
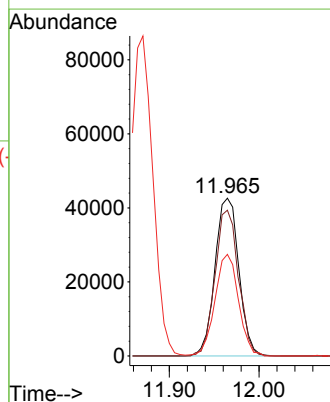
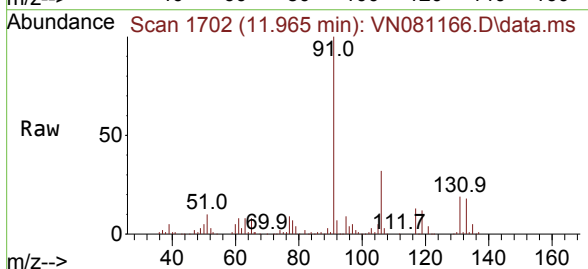
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

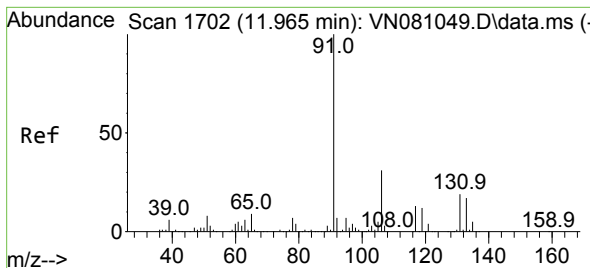
Tgt Ion:112 Resp: 207217
Ion Ratio Lower Upper
112 100
114 32.3 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.071 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion:131 Resp: 78685
Ion Ratio Lower Upper
131 100
133 91.1 46.8 140.3
119 63.7 34.6 103.9





#67

Ethyl Benzene

Concen: 20.363 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

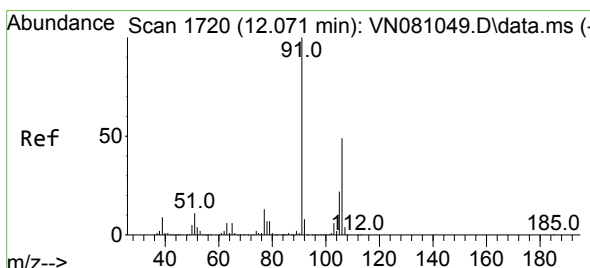
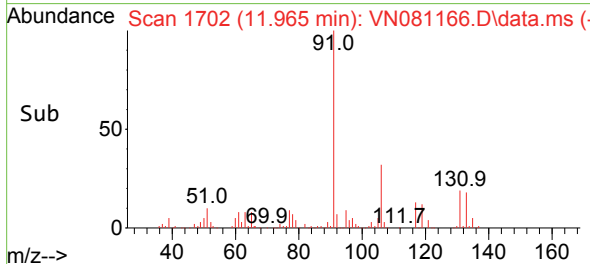
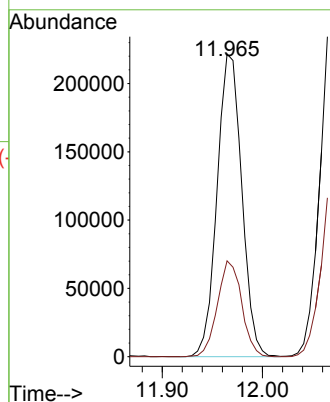
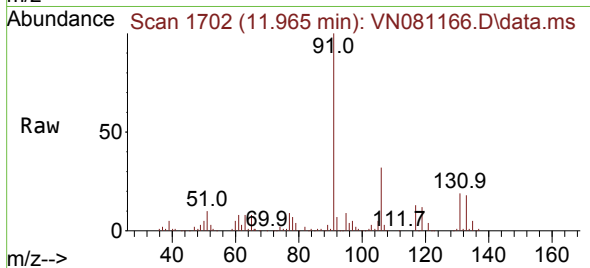
VN0223WBSD02

Tgt Ion: 91 Resp: 378832

Ion Ratio Lower Upper

91 100

106 31.7 23.8 35.6



#68

m/p-Xylenes

Concen: 40.210 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN081166.D

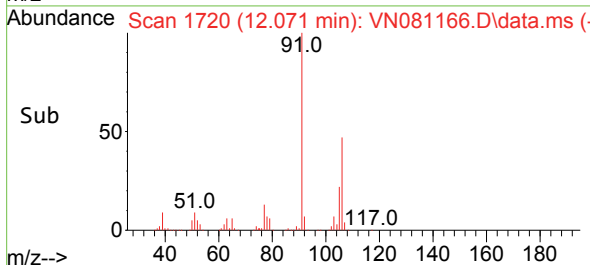
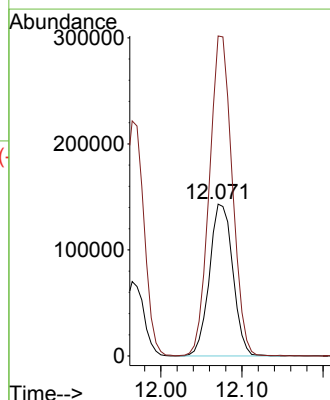
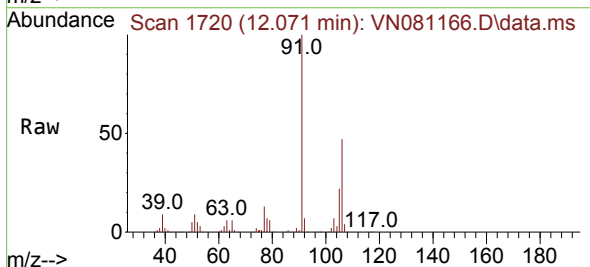
Acq: 23 Feb 2024 18:08

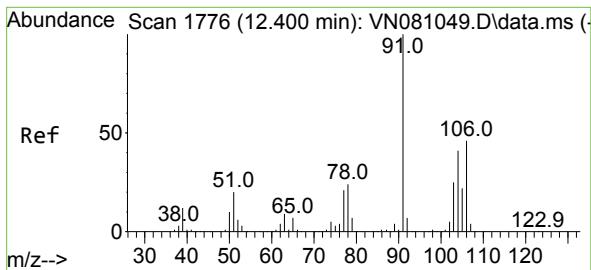
Tgt Ion:106 Resp: 286744

Ion Ratio Lower Upper

106 100

91 205.7 169.0 253.6

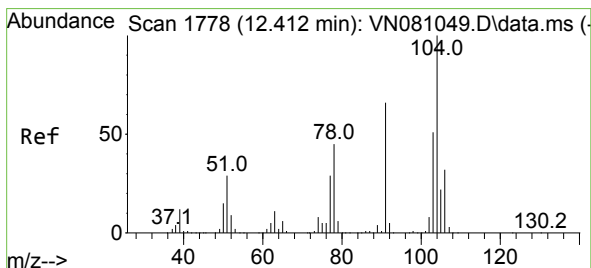
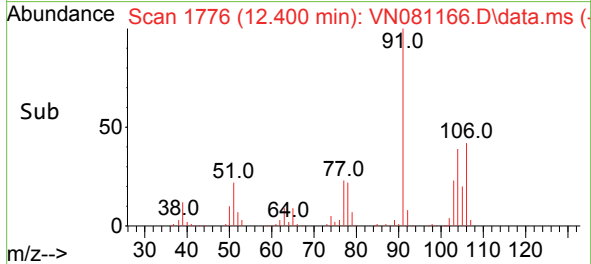
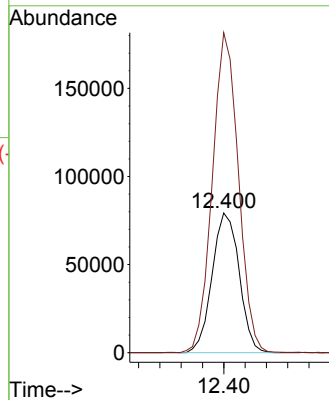
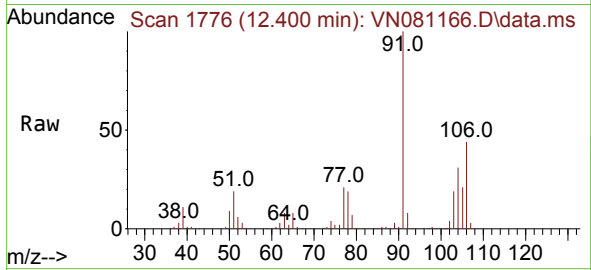




#69
o-Xylene
Concen: 19.781 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

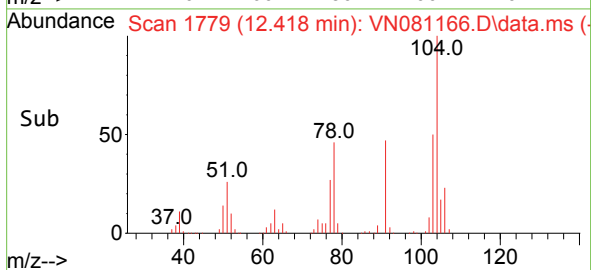
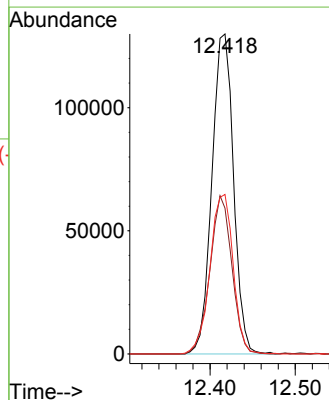
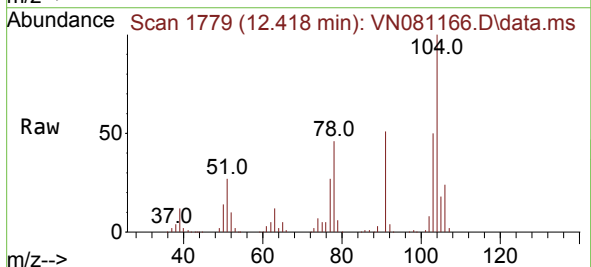
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

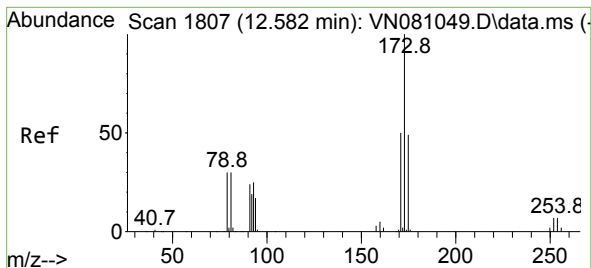
Tgt Ion:106 Resp: 139826
Ion Ratio Lower Upper
106 100
91 220.6 112.1 336.3



#70
Styrene
Concen: 20.461 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion:104 Resp: 229194
Ion Ratio Lower Upper
104 100
78 50.3 43.8 65.8
103 53.5 44.2 66.2





#71

Bromoform

Concen: 22.113 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

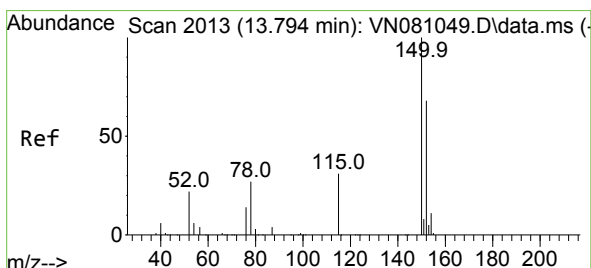
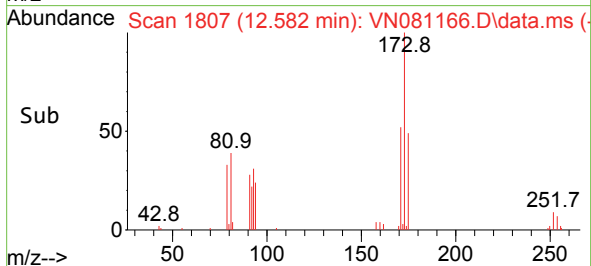
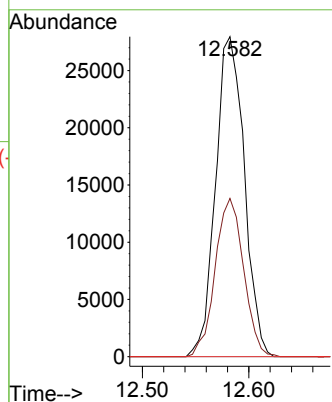
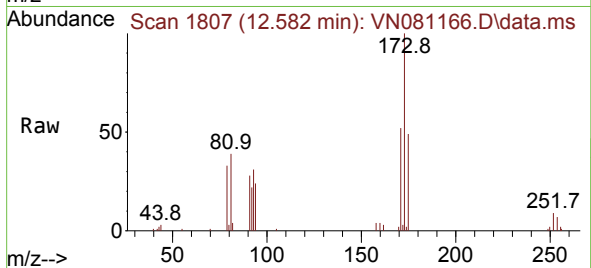
Tgt Ion:173 Resp: 52390

Ion Ratio Lower Upper

173 100

175 49.0 23.1 69.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

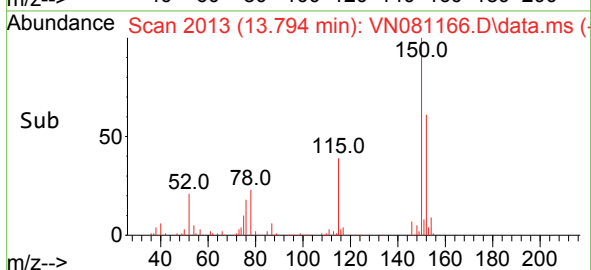
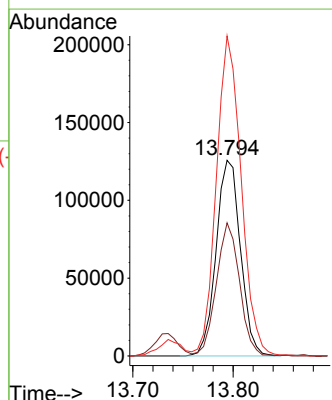
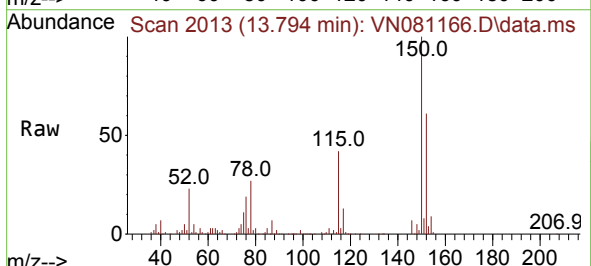
Tgt Ion:152 Resp: 211919

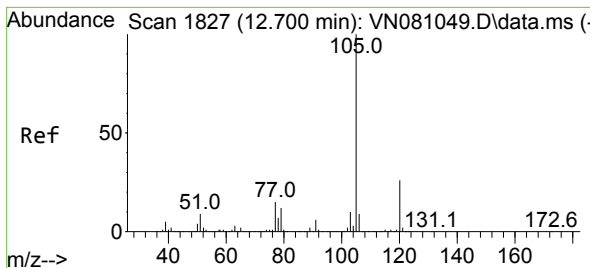
Ion Ratio Lower Upper

152 100

115 64.4 32.3 96.8

150 166.9 0.0 339.8





#73

Isopropylbenzene

Concen: 20.429 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

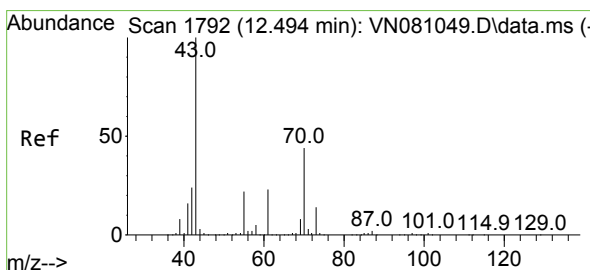
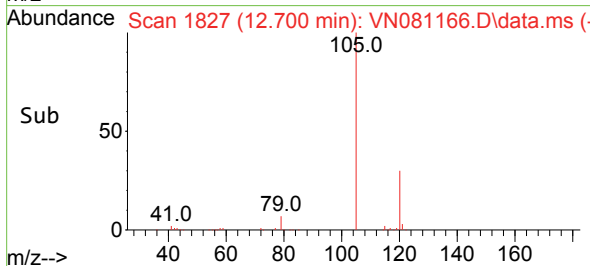
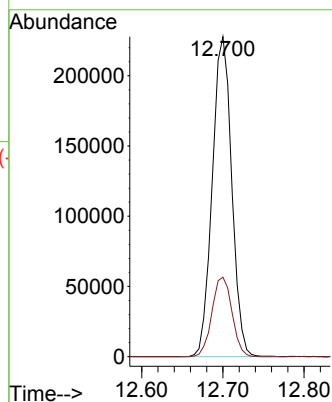
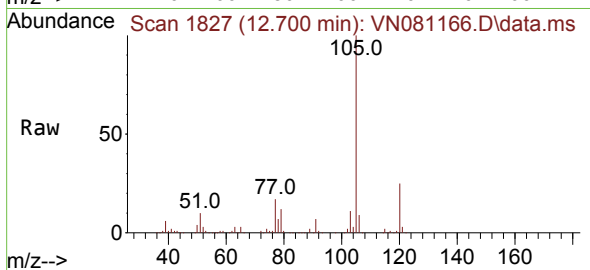
VN0223WBSD02

Tgt Ion:105 Resp: 378782

Ion Ratio Lower Upper

105 100

120 25.6 12.6 37.6



#74

N-ethyl acetate

Concen: 20.183 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Tgt Ion: 43 Resp: 158160

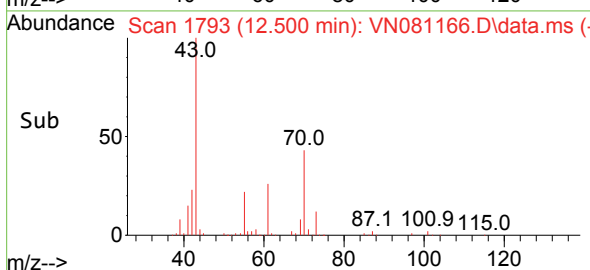
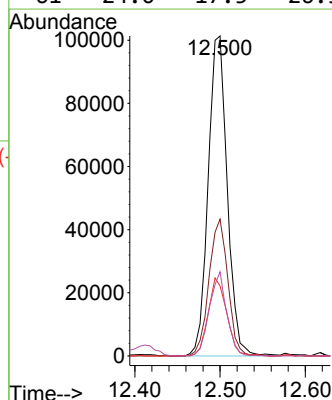
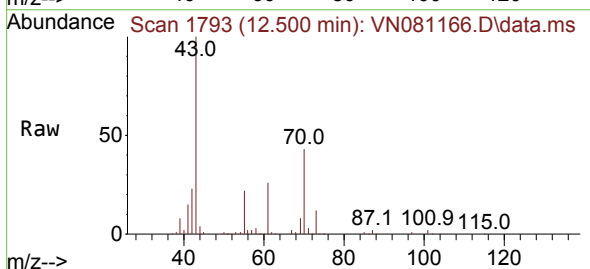
Ion Ratio Lower Upper

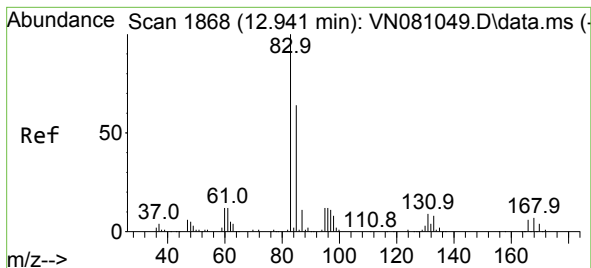
43 100

70 42.5 30.1 45.1

55 23.8 17.0 25.4

61 24.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.767 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

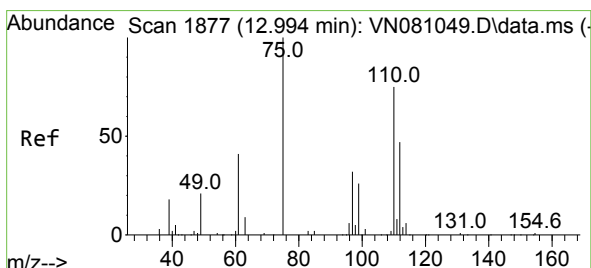
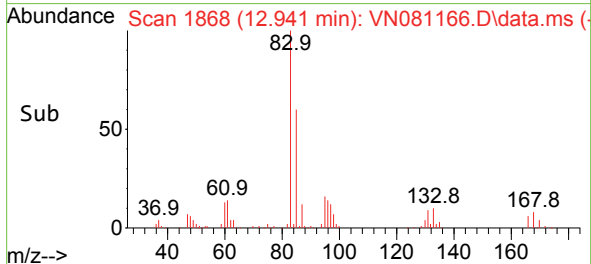
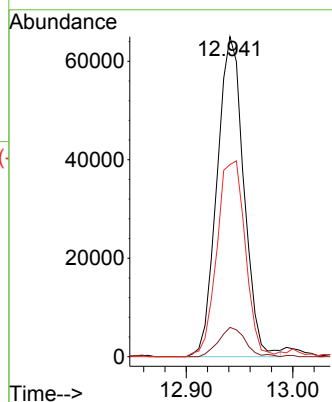
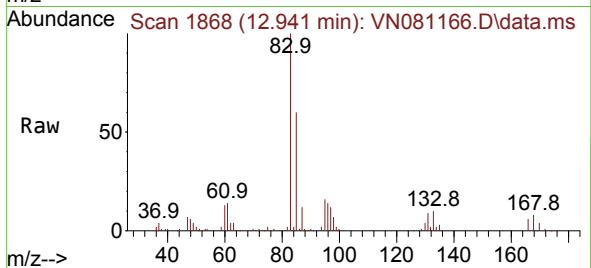
Tgt Ion: 83 Resp: 113485

Ion Ratio Lower Upper

83 100

131 9.1 4.1 12.3

85 64.8 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 31.351 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN081166.D

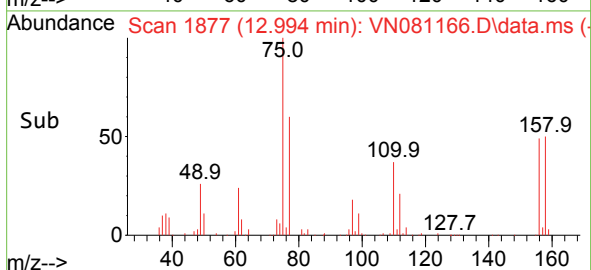
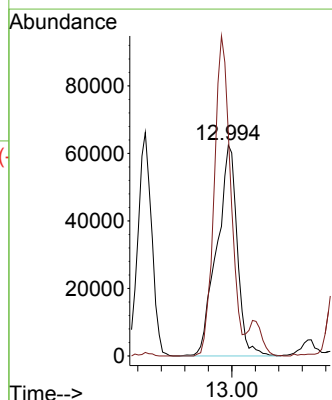
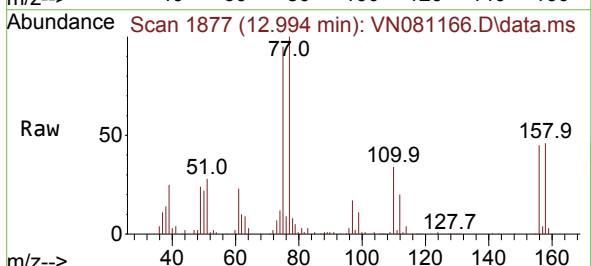
Acq: 23 Feb 2024 18:08

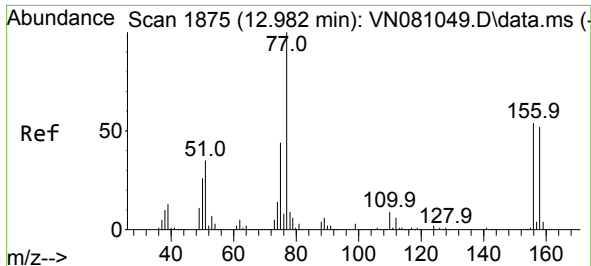
Tgt Ion: 75 Resp: 150954

Ion Ratio Lower Upper

75 100

77 122.9 91.0 272.8

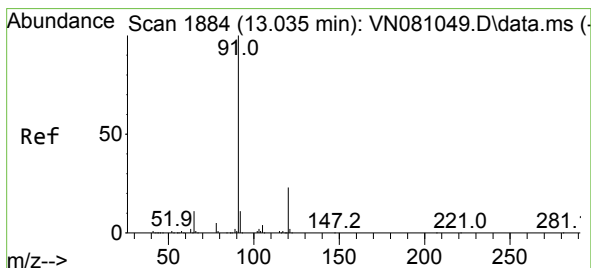
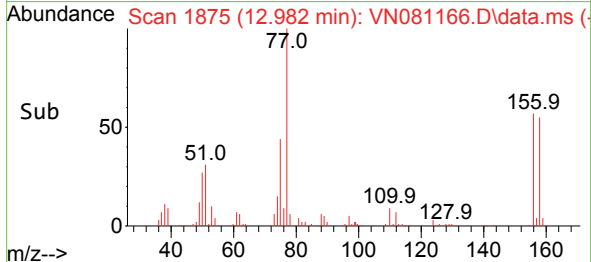
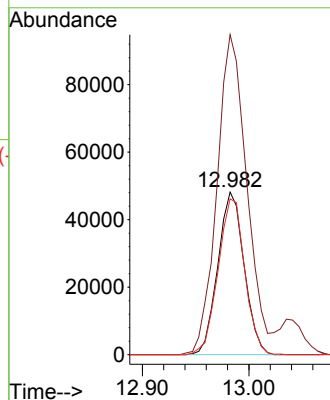
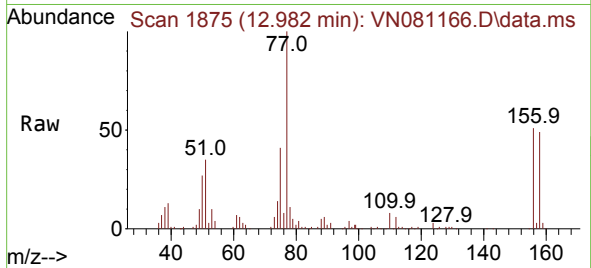




#77
Bromobenzene
Concen: 19.944 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

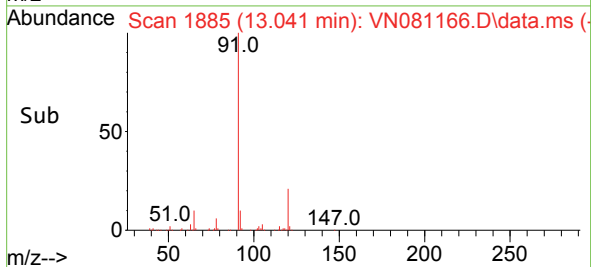
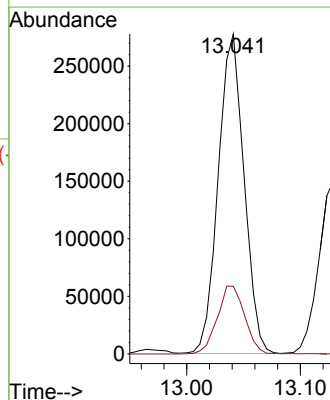
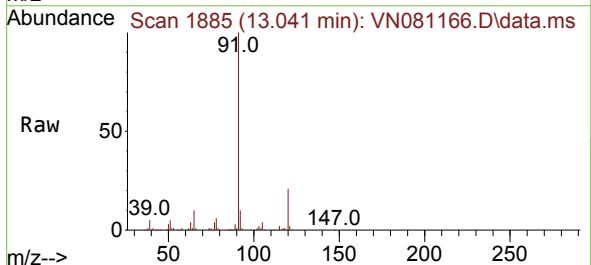
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

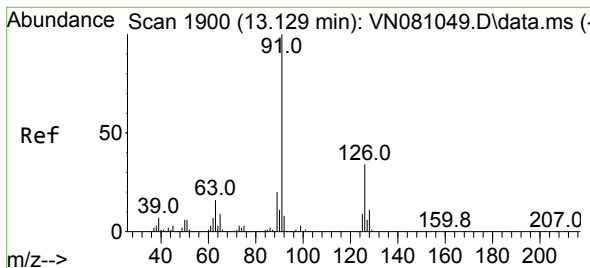
Tgt Ion:156 Resp: 82455
Ion Ratio Lower Upper
156 100
77 225.0 138.1 414.3
158 97.3 46.5 139.5



#78
n-propylbenzene
Concen: 20.488 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 91 Resp: 437300
Ion Ratio Lower Upper
91 100
120 22.6 10.3 30.9





#79

2-Chlorotoluene

Concen: 19.687 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

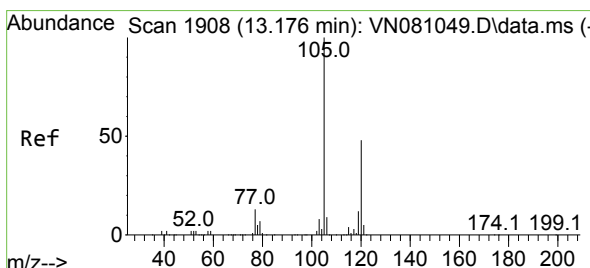
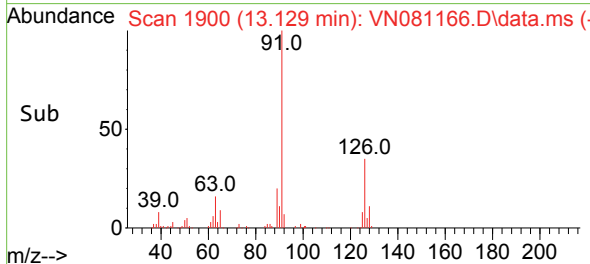
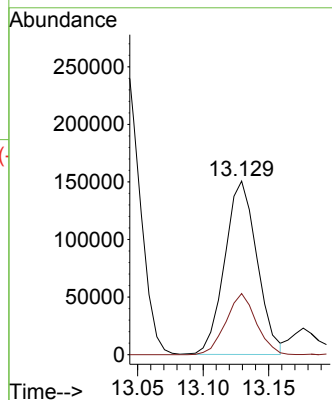
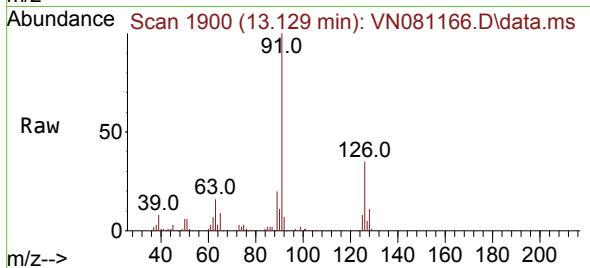
VN0223WBSD02

Tgt Ion: 91 Resp: 257745

Ion Ratio Lower Upper

91 100

126 33.2 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 21.087 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081166.D

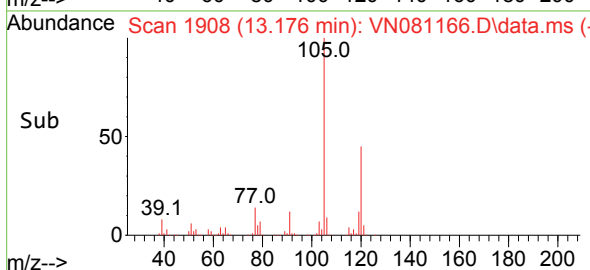
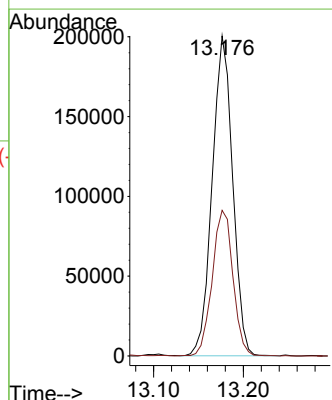
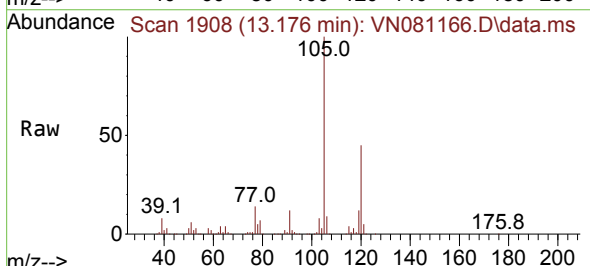
Acq: 23 Feb 2024 18:08

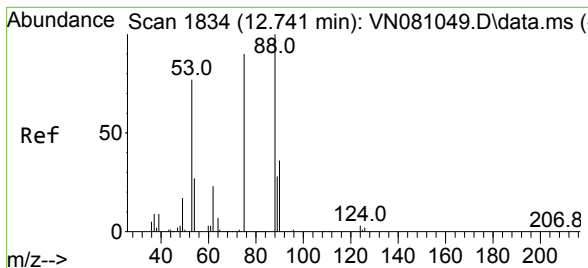
Tgt Ion: 105 Resp: 317003

Ion Ratio Lower Upper

105 100

120 46.3 23.0 69.0

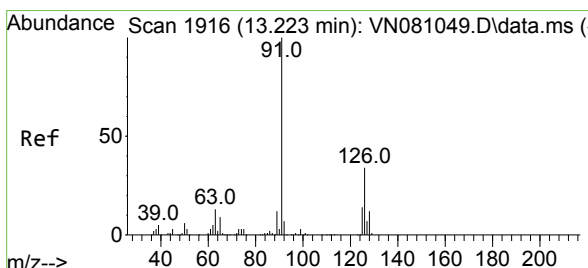
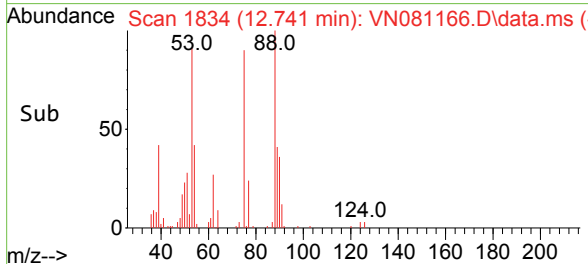
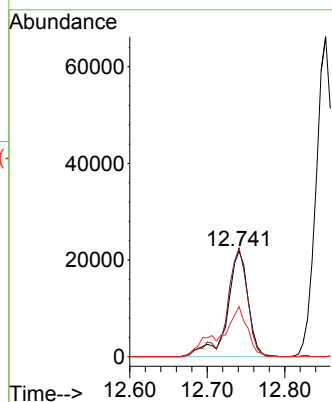
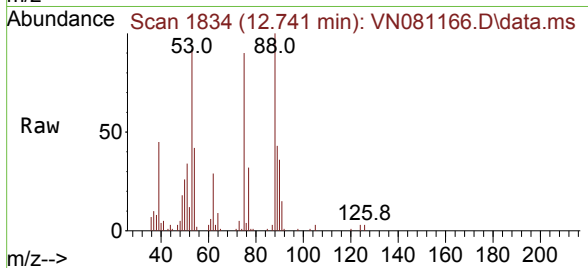




#81
trans-1,4-Dichloro-2-butene
Concen: 21.856 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

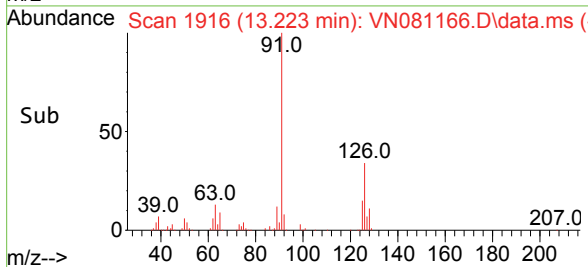
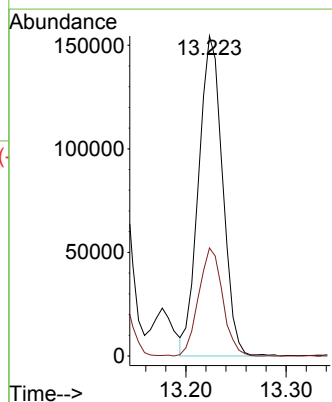
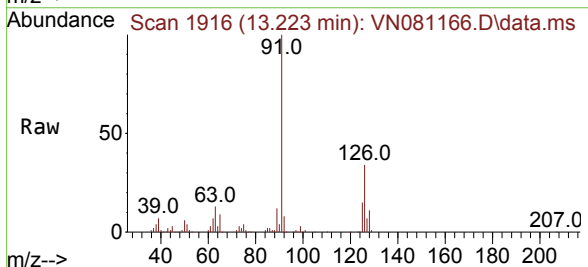
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

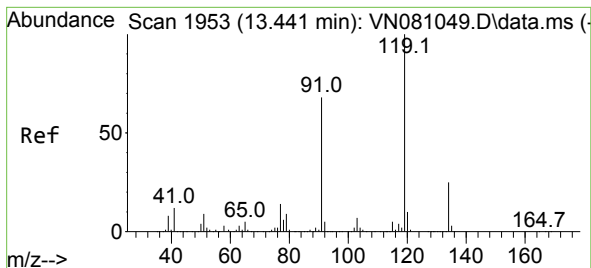
Tgt Ion: 75 Resp: 40885
Ion Ratio Lower Upper
75 100
53 102.0 71.4 107.2
89 44.8 33.4 50.0



#82
4-Chlorotoluene
Concen: 20.096 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 91 Resp: 257261
Ion Ratio Lower Upper
91 100
126 33.7 15.3 45.9





#83

tert-Butylbenzene

Concen: 21.344 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

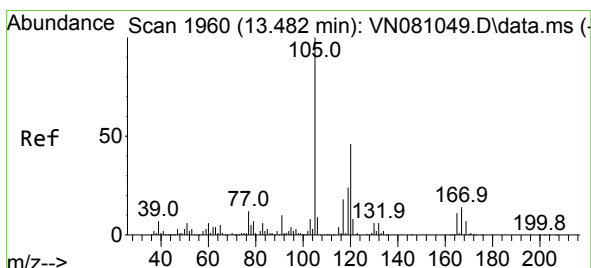
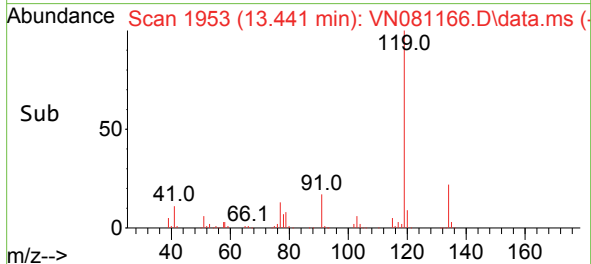
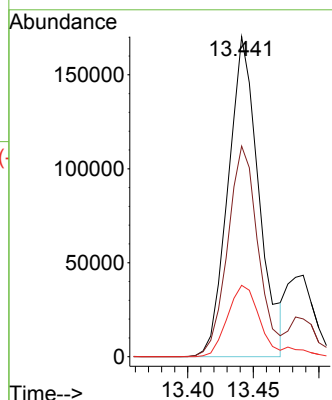
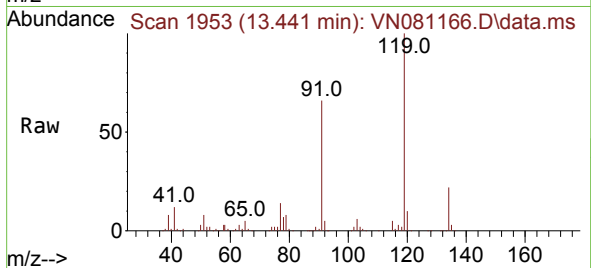
Tgt Ion:119 Resp: 277447

Ion Ratio Lower Upper

119 100

91 65.5 36.8 110.4

134 25.0 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 20.514 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN081166.D

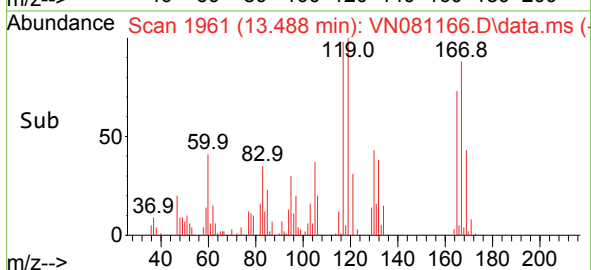
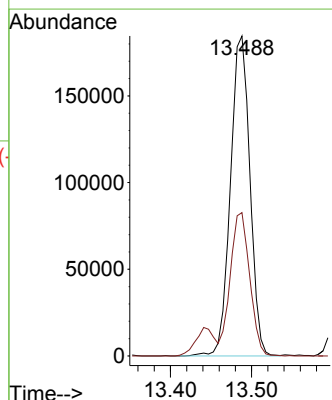
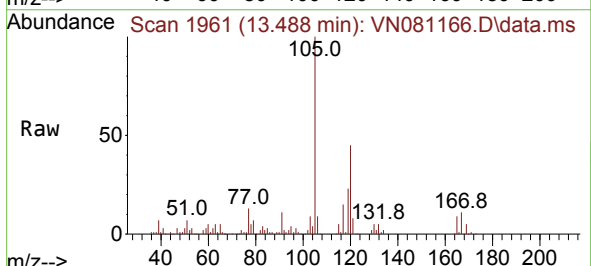
Acq: 23 Feb 2024 18:08

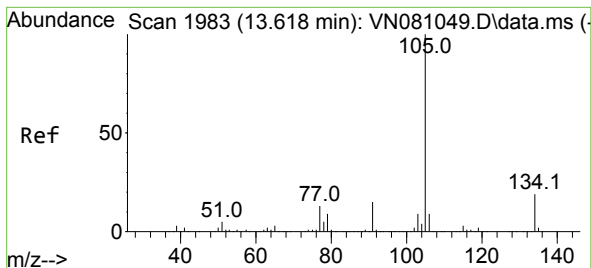
Tgt Ion:105 Resp: 307315

Ion Ratio Lower Upper

105 100

120 44.9 20.9 62.7





#85

sec-Butylbenzene

Concen: 21.030 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

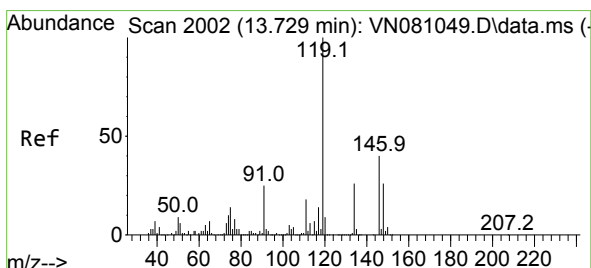
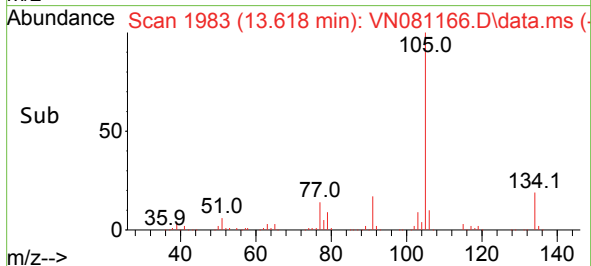
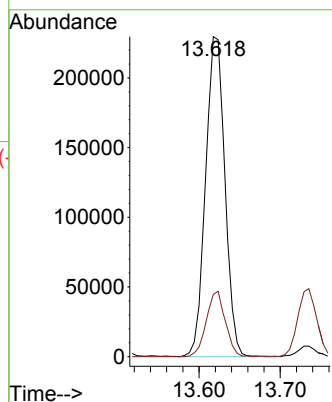
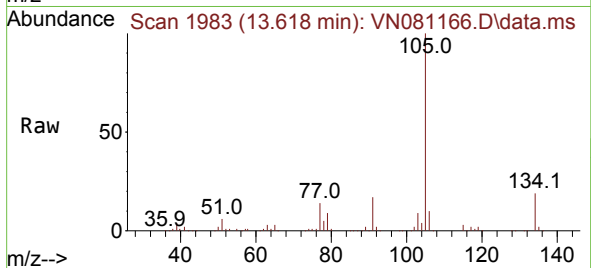
VN0223WBSD02

Tgt Ion:105 Resp: 380034

Ion Ratio Lower Upper

105 100

134 20.0 8.6 25.8



#86

p-Isopropyltoluene

Concen: 20.229 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

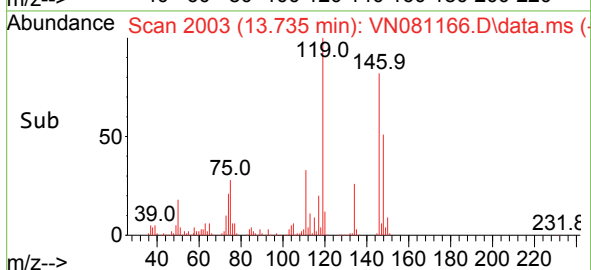
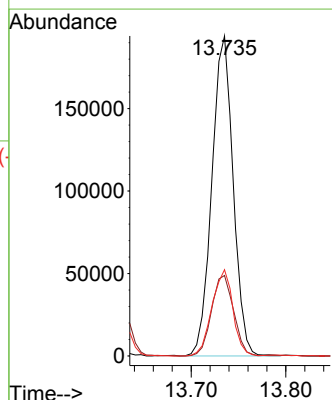
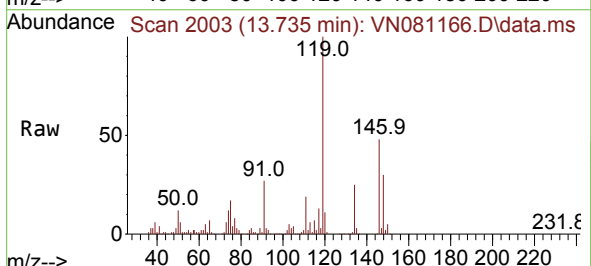
Tgt Ion:119 Resp: 303637

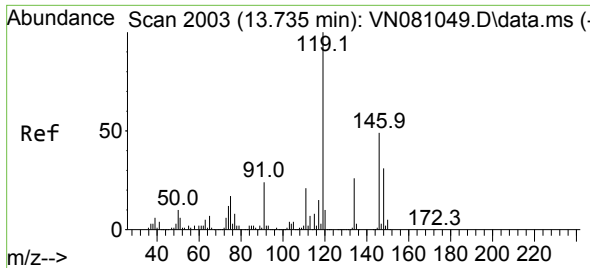
Ion Ratio Lower Upper

119 100

134 26.2 12.4 37.2

91 26.5 13.5 40.4

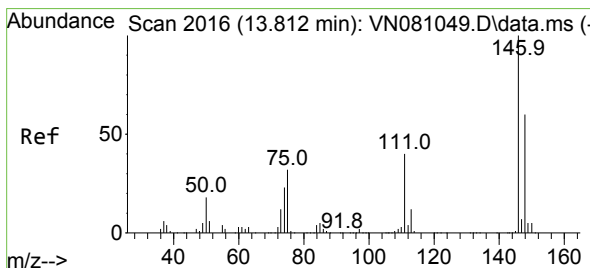
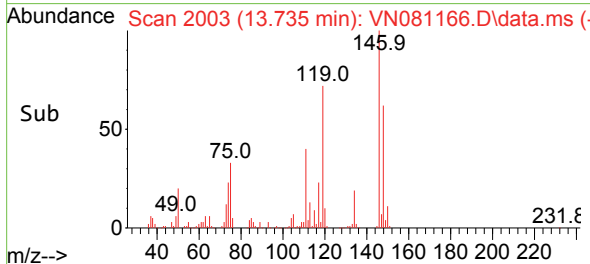
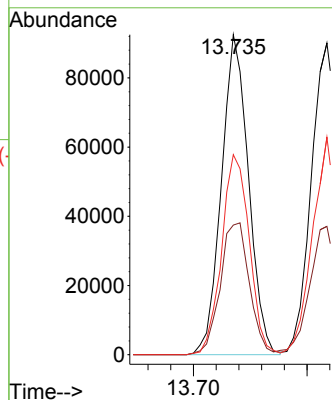
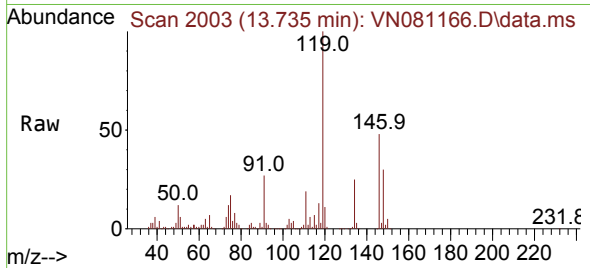




#87
1,3-Dichlorobenzene
Concen: 19.575 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

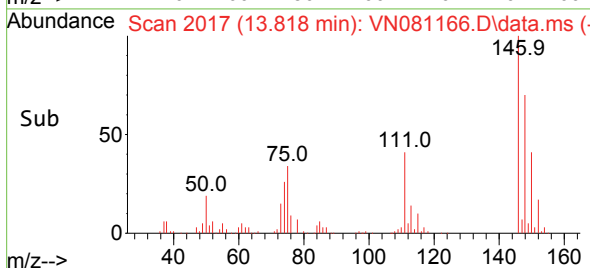
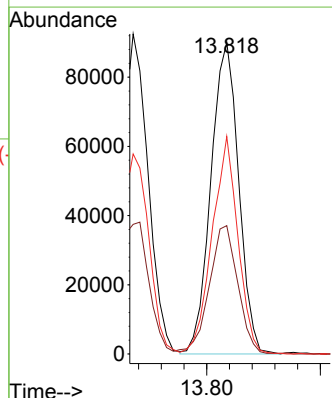
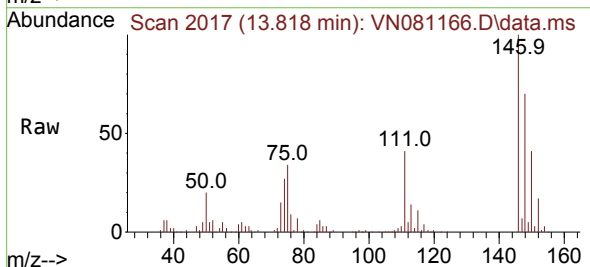
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

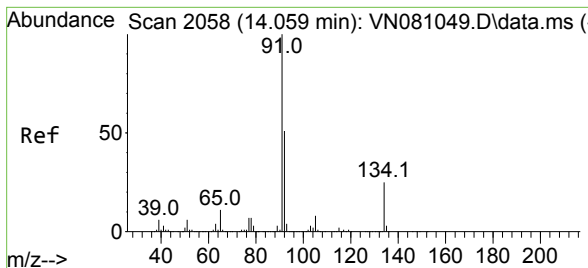
Tgt Ion:146 Resp: 152912
Ion Ratio Lower Upper
146 100
111 44.4 23.9 71.7
148 63.8 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 19.934 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion:146 Resp: 153006
Ion Ratio Lower Upper
146 100
111 42.0 22.6 67.7
148 65.0 31.9 95.5





#89

n-Butylbenzene

Concen: 20.725 ug/l

RT: 14.059 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

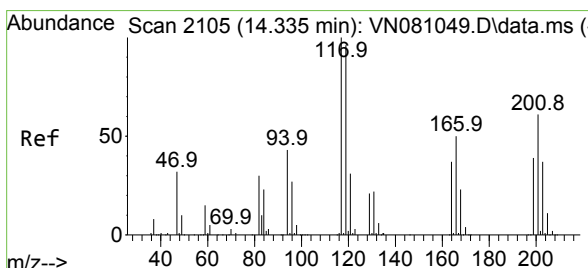
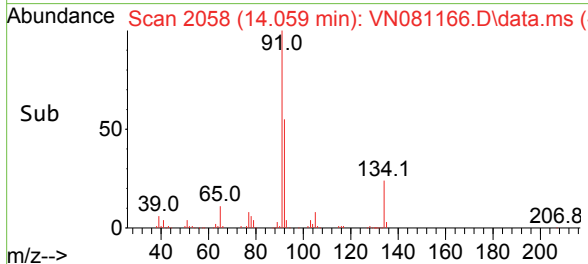
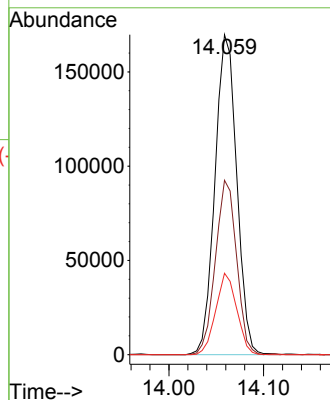
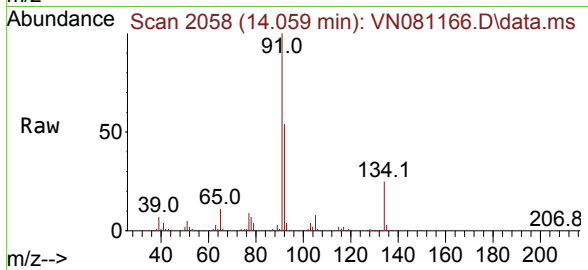
Tgt Ion: 91 Resp: 271018

Ion Ratio Lower Upper

91 100

92 52.9 26.7 80.1

134 24.6 10.8 32.4



#90

Hexachloroethane

Concen: 21.240 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081166.D

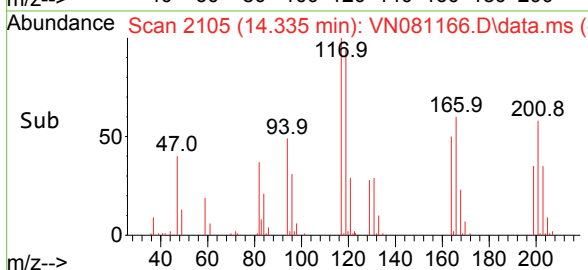
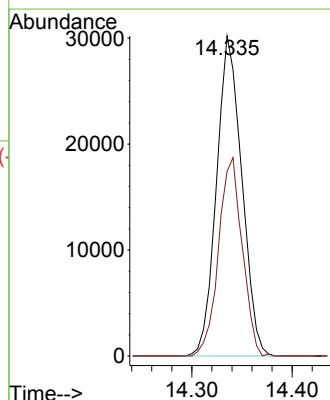
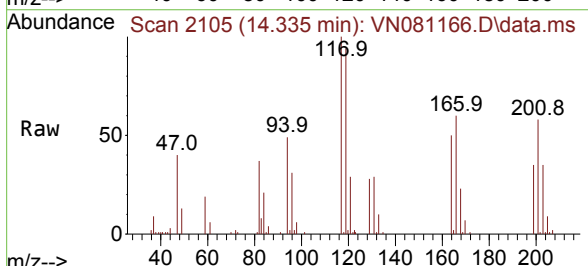
Acq: 23 Feb 2024 18:08

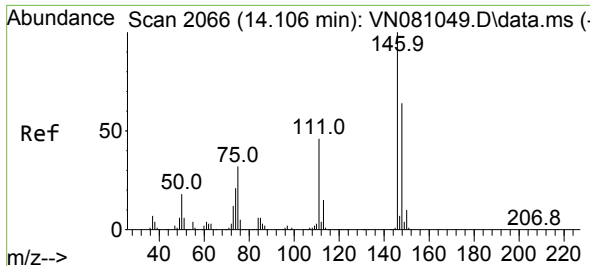
Tgt Ion: 117 Resp: 52699

Ion Ratio Lower Upper

117 100

201 58.1 30.0 90.0

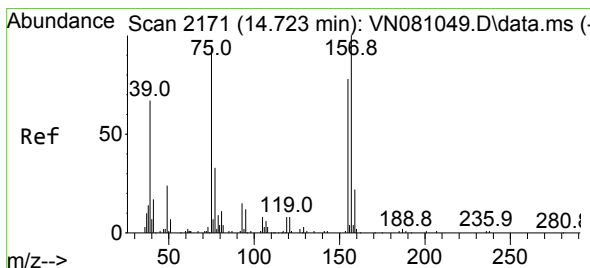
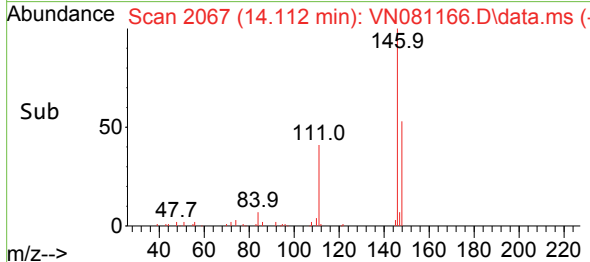
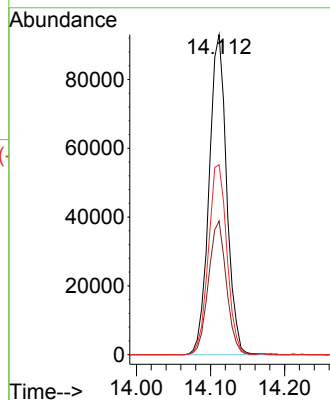
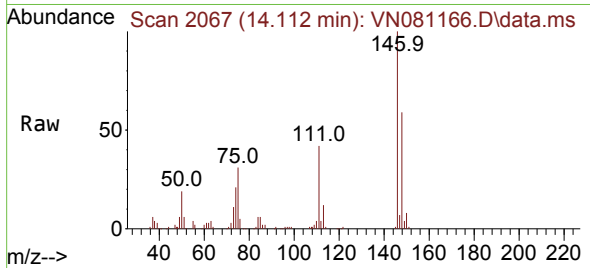




#91
1,2-Dichlorobenzene
Concen: 20.337 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

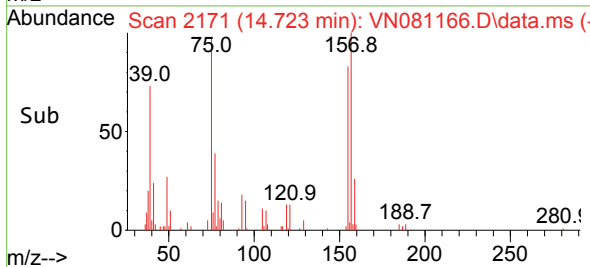
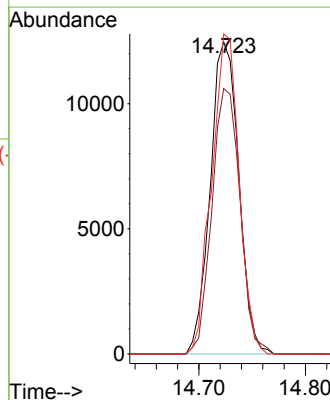
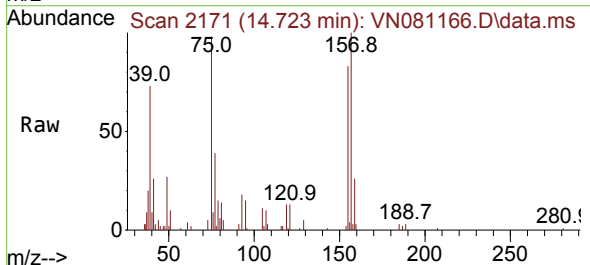
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

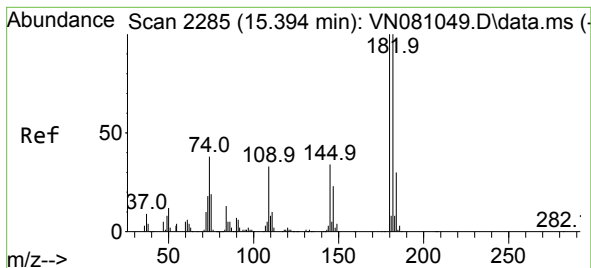
Tgt Ion:146 Resp: 153217
Ion Ratio Lower Upper
146 100
111 42.7 23.9 71.8
148 62.5 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.416 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 75 Resp: 23214
Ion Ratio Lower Upper
75 100
155 83.9 31.8 95.4
157 98.2 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 19.845 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

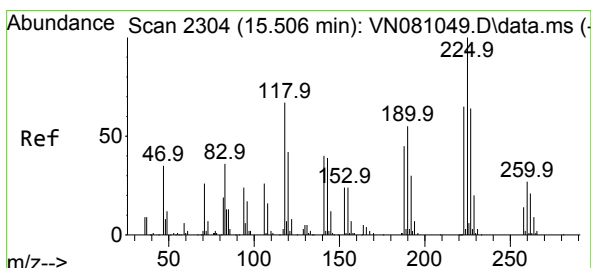
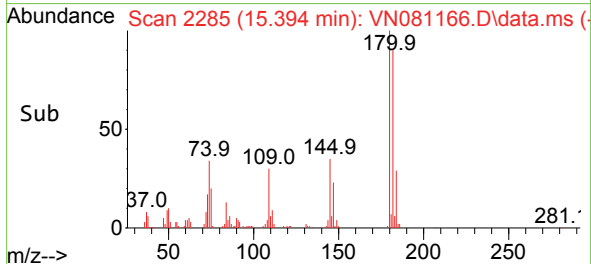
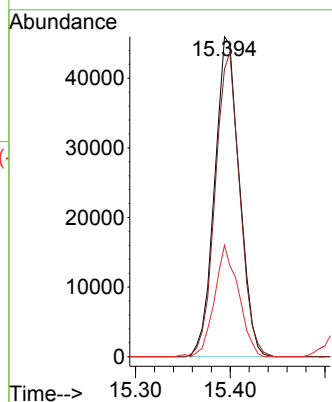
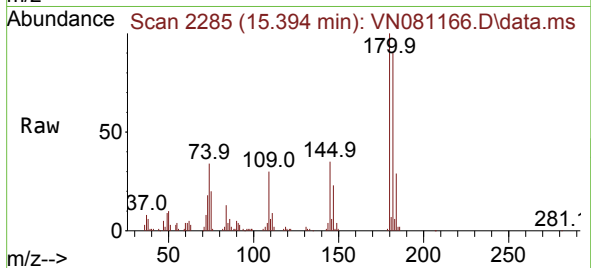
Tgt Ion:180 Resp: 83413

Ion Ratio Lower Upper

180 100

182 94.4 46.6 139.7

145 33.9 16.8 50.3



#94

Hexachlorobutadiene

Concen: 20.820 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

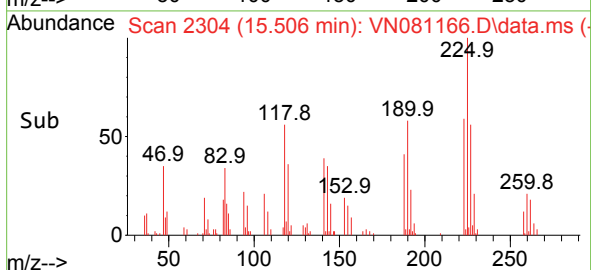
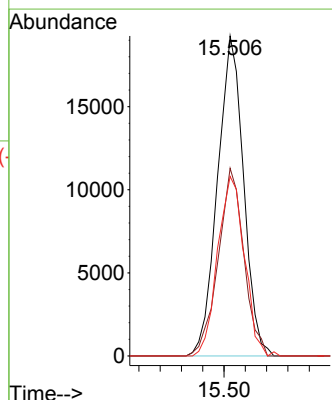
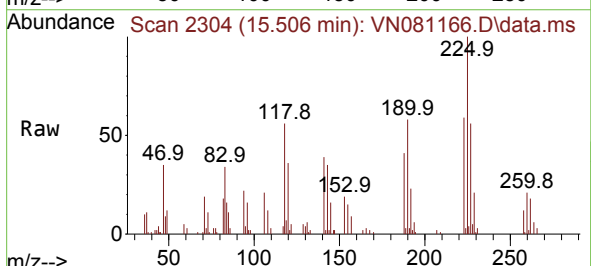
Tgt Ion:225 Resp: 32636

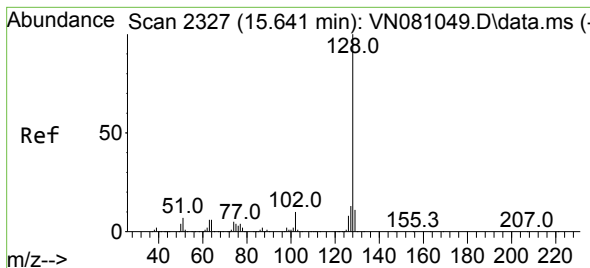
Ion Ratio Lower Upper

225 100

223 57.8 33.3 99.8

227 57.5 33.1 99.2





#95

Naphthalene

Concen: 20.377 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

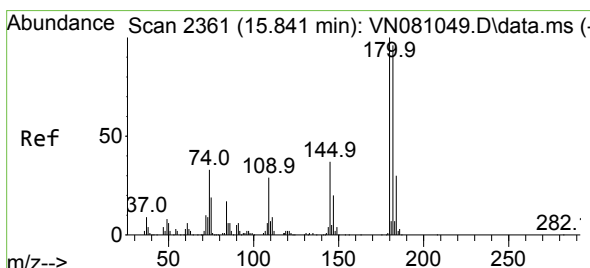
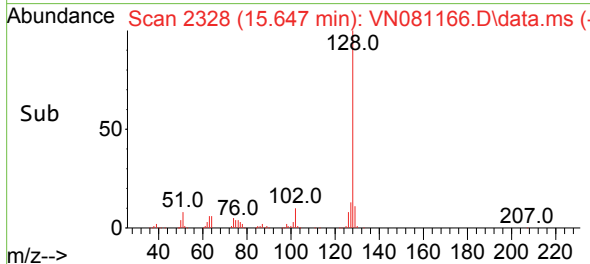
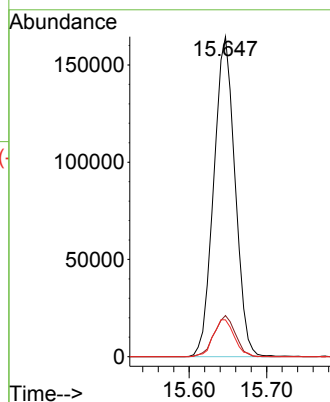
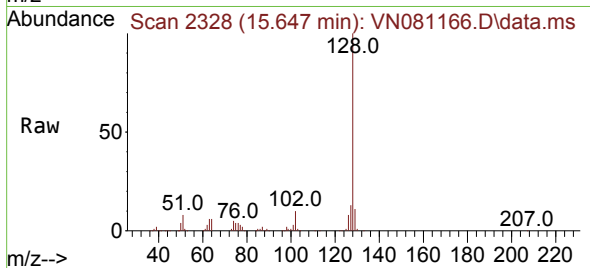
Tgt Ion:128 Resp: 313864

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 11.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.340 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Tgt Ion:180 Resp: 84809

Ion Ratio Lower Upper

180 100

182 91.3 46.5 139.3

145 34.3 17.8 53.4

