

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080834.D
 Acq On : 31 Jan 2024 12:35
 Operator : JC\MD
 Sample : VN0131WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

Quant Time: Jan 31 23:14:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	110119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	220965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	190064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72079	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	99868	52.423	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.840%	
35) Dibromofluoromethane	8.165	113	71875	53.167	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.340%	
50) Toluene-d8	10.565	98	280135	52.944	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.880%	
62) 4-Bromofluorobenzene	12.853	95	94838	51.436	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.880%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	31804	19.445	ug/l	90
3) Chloromethane	2.359	50	52570	21.382	ug/l	96
4) Vinyl Chloride	2.512	62	38132	20.400	ug/l	91
5) Bromomethane	2.959	94	16375	21.902	ug/l	99
6) Chloroethane	3.124	64	23799	23.882	ug/l #	88
7) Trichlorofluoromethane	3.501	101	49762	20.570	ug/l	98
8) Diethyl Ether	3.953	74	23443	21.007	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	30295	21.476	ug/l	98
10) Methyl Iodide	4.595	142	23269	19.540	ug/l	92
11) Tert butyl alcohol	5.518	59	31862	102.602	ug/l #	82
12) 1,1-Dichloroethene	4.348	96	28138	18.204	ug/l	93
13) Acrolein	4.177	56	42999	109.801	ug/l	97
14) Allyl chloride	5.024	41	64143	20.994	ug/l	95
15) Acrylonitrile	5.718	53	97389	104.276	ug/l	98
16) Acetone	4.430	43	72591	105.067	ug/l	89
17) Carbon Disulfide	4.712	76	89790	18.659	ug/l	97
18) Methyl Acetate	5.024	43	52638	21.861	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	108860	19.988	ug/l	96
20) Methylene Chloride	5.283	84	36033	19.868	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	32724	19.487	ug/l	98
22) Diisopropyl ether	6.671	45	144307	21.407	ug/l	97
23) Vinyl Acetate	6.606	43	534308	109.544	ug/l	100
24) 1,1-Dichloroethane	6.571	63	72084	21.085	ug/l	97
25) 2-Butanone	7.483	43	132402	100.892	ug/l	94
26) 2,2-Dichloropropane	7.488	77	56971	20.617	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	38966	20.045	ug/l	96
28) Bromochloromethane	7.806	49	34328	18.965	ug/l	92
29) Tetrahydrofuran	7.847	42	91951	103.550	ug/l	97
30) Chloroform	7.971	83	63652	20.041	ug/l	93
31) Cyclohexane	8.265	56	63951	19.577	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	53133	20.629	ug/l	99
36) 1,1-Dichloropropene	8.371	75	50587	20.133	ug/l	97
37) Ethyl Acetate	7.559	43	59276	22.916	ug/l	97
38) Carbon Tetrachloride	8.359	117	39455	19.489	ug/l	96
39) Methylcyclohexane	9.600	83	50055	20.042	ug/l	97
40) Benzene	8.612	78	154044	20.859	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	32544	21.347	ug/l	93
42) 1,2-Dichloroethane	8.677	62	54696	22.734	ug/l	97
43) Isopropyl Acetate	8.688	43	97486	20.701	ug/l	98
44) Trichloroethene	9.353	130	31321	19.255	ug/l	91
45) 1,2-Dichloropropane	9.624	63	42487	21.259	ug/l	98
46) Dibromomethane	9.712	93	23910	20.182	ug/l	99
47) Bromodichloromethane	9.888	83	47722	19.840	ug/l #	95
48) Methyl methacrylate	9.677	41	44656	19.560	ug/l	97
49) 1,4-Dioxane	9.700	88	12045	437.991	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	277950	105.579	ug/l	100
52) Toluene	10.635	92	89397	21.113	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	57463	20.507	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	62206	20.415	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	33904	20.835	ug/l	92
56) Ethyl methacrylate	10.871	69	56291	22.502	ug/l	98
57) 1,3-Dichloropropane	11.165	76	62439	20.388	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	141454	96.998	ug/l	100
59) 2-Hexanone	11.194	43	212422	103.877	ug/l	98
60) Dibromochloromethane	11.359	129	30945	20.444	ug/l	96
61) 1,2-Dibromoethane	11.476	107	31321	20.537	ug/l	93
64) Tetrachloroethene	11.106	164	24719	19.787	ug/l	96
65) Chlorobenzene	11.894	112	86624	20.883	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	27352	20.277	ug/l	96
67) Ethyl Benzene	11.965	91	160841	20.862	ug/l	93
68) m/p-Xylenes	12.071	106	117302	42.842	ug/l	99
69) o-Xylene	12.400	106	58690	21.572	ug/l	98
70) Styrene	12.412	104	93397	21.375	ug/l	99
71) Bromoform	12.582	173	18062	19.803	ug/l #	94
73) Isopropylbenzene	12.694	105	136721	20.713	ug/l	98
74) N-amyl acetate	12.494	43	84707	20.670	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	46132	19.869	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	65508	30.134	ug/l	57
77) Bromobenzene	12.982	156	27346	19.381	ug/l	92
78) n-propylbenzene	13.035	91	166375	21.099	ug/l	99
79) 2-Chlorotoluene	13.129	91	103750	20.701	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	110841	21.085	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	18821	22.304	ug/l	90
82) 4-Chlorotoluene	13.223	91	100104	20.171	ug/l	97
83) tert-Butylbenzene	13.441	119	90150	21.475	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	114219	21.445	ug/l	100
85) sec-Butylbenzene	13.618	105	126973	20.516	ug/l	98
86) p-Isopropyltoluene	13.729	119	100548	20.906	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	52090	20.640	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	49836	19.696	ug/l	97
89) n-Butylbenzene	14.059	91	96409	20.484	ug/l	97
90) Hexachloroethane	14.335	117	16353	19.432	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	50352	21.798	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	7705	17.754	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	22643	19.045	ug/l	93
94) Hexachlorobutadiene	15.506	225	10480	20.177	ug/l	90
95) Naphthalene	15.641	128	87164	19.160	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	22763	19.479	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

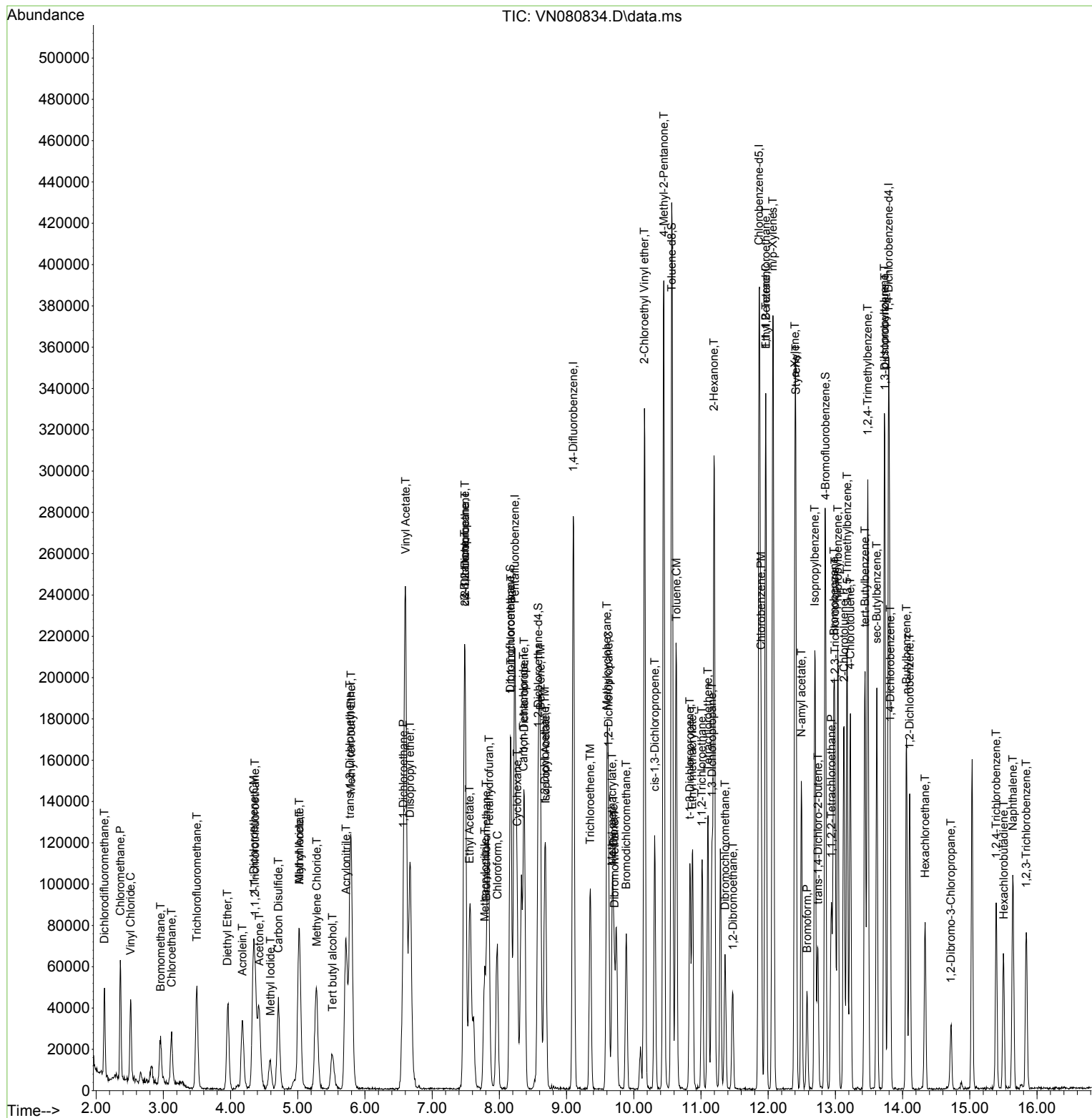
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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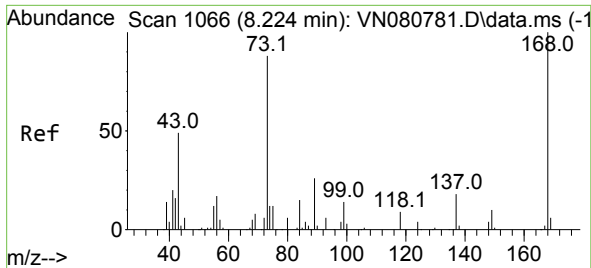
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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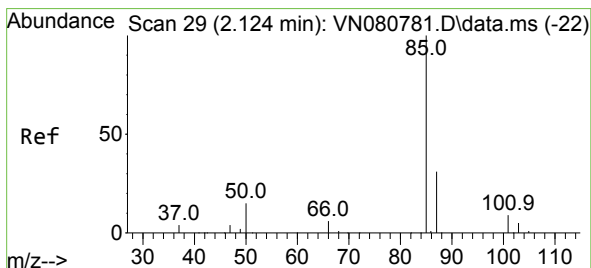
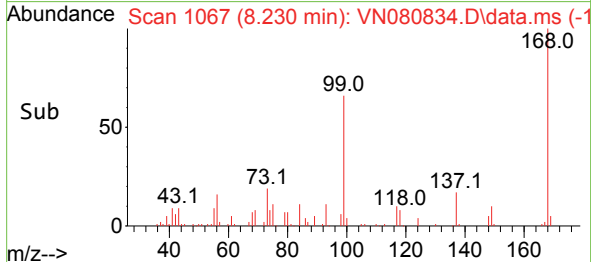
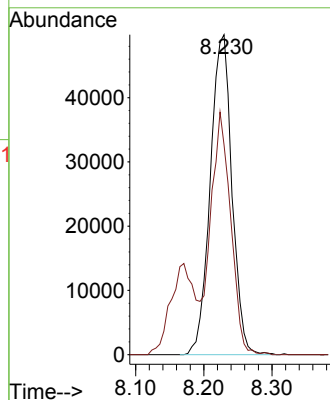
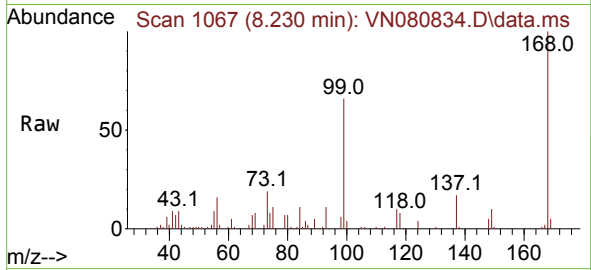




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
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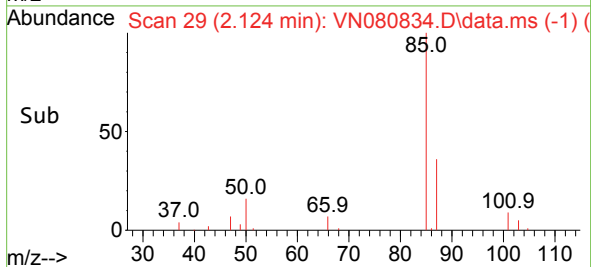
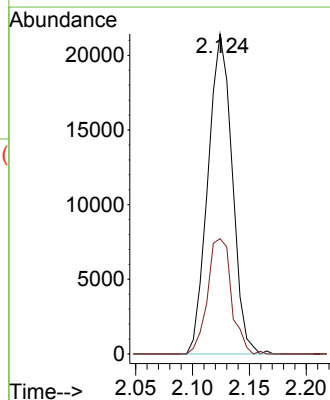
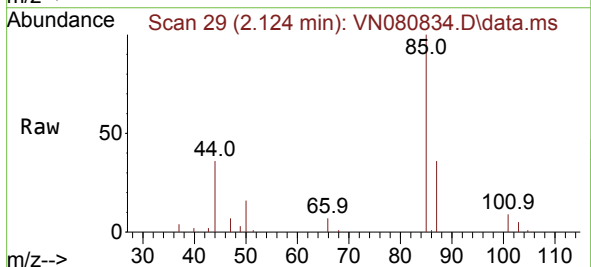
Instrument :
MSVOA_N
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VN0131WBS01

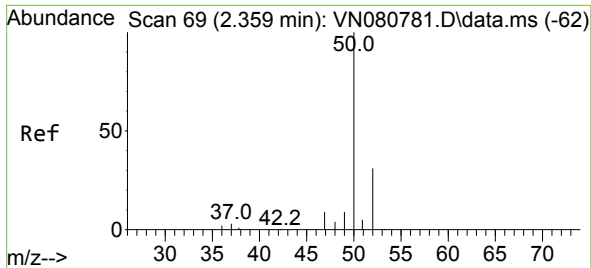
Tgt Ion:168 Resp: 110119
Ion Ratio Lower Upper
168 100
99 65.5 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 19.445 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion: 85 Resp: 31804
Ion Ratio Lower Upper
85 100
87 36.0 15.3 45.9

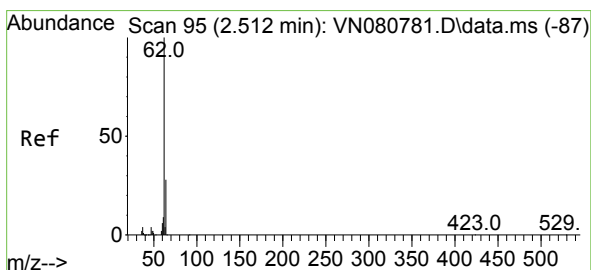
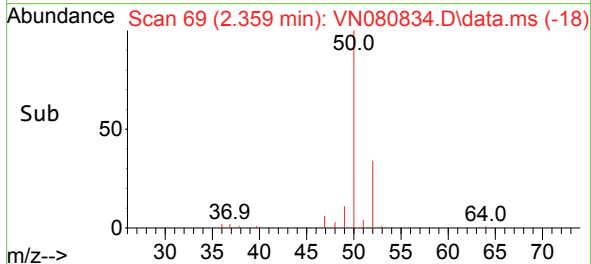
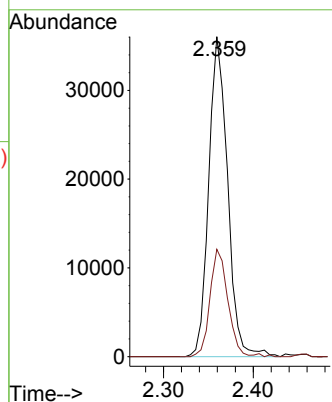
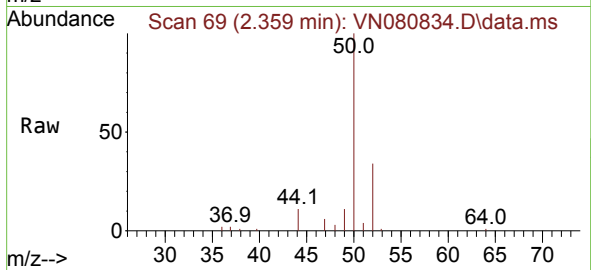




#3
Chloromethane
Concen: 21.382 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

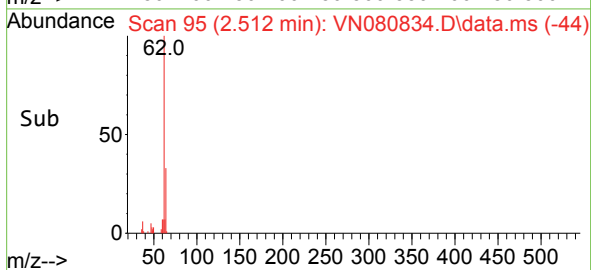
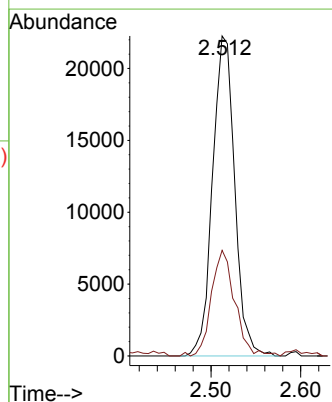
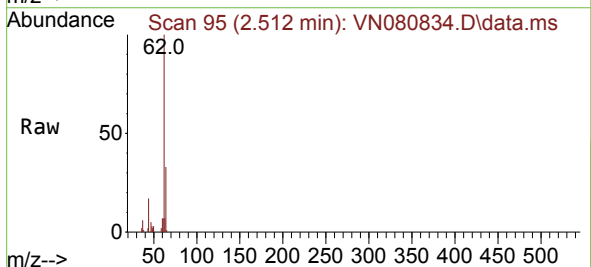
Instrument :
MSVOA_N
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VN0131WBS01

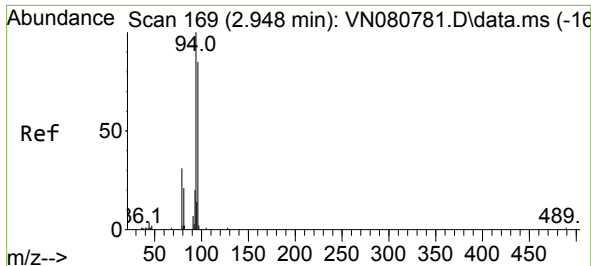
Tgt Ion: 50 Resp: 52570
Ion Ratio Lower Upper
50 100
52 33.6 25.0 37.4



#4
Vinyl Chloride
Concen: 20.400 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion: 62 Resp: 38132
Ion Ratio Lower Upper
62 100
64 33.0 22.7 34.1

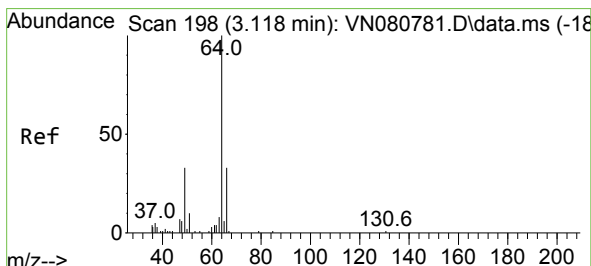
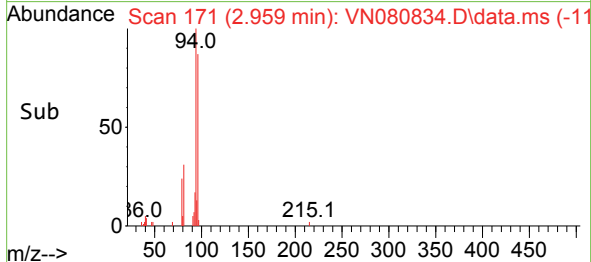
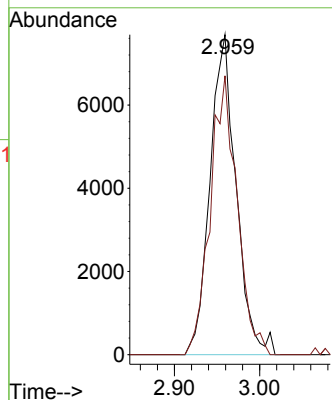
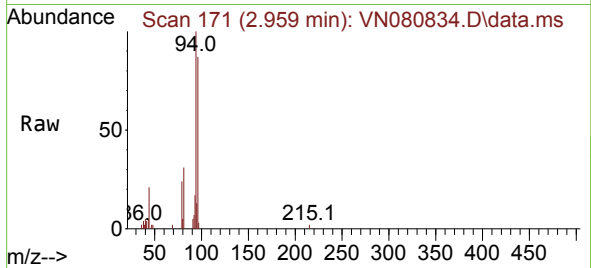




#5
Bromomethane
Concen: 21.902 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080834.D
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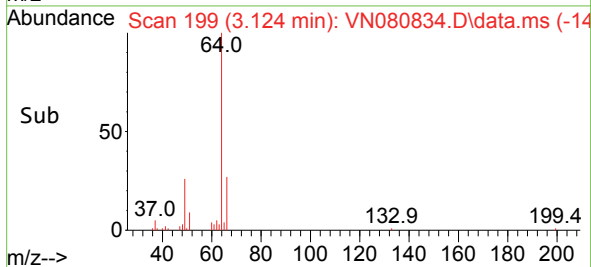
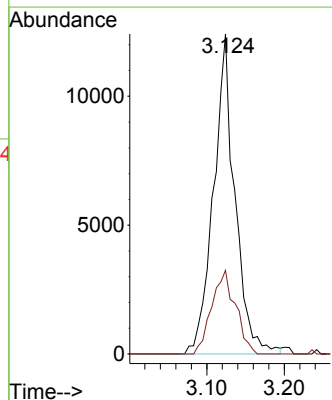
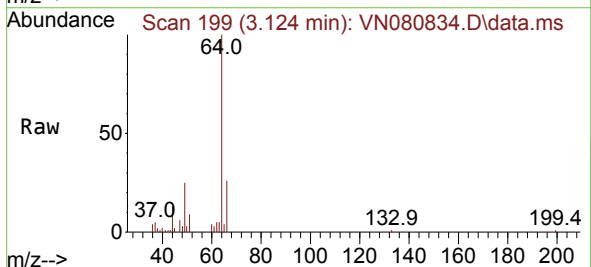
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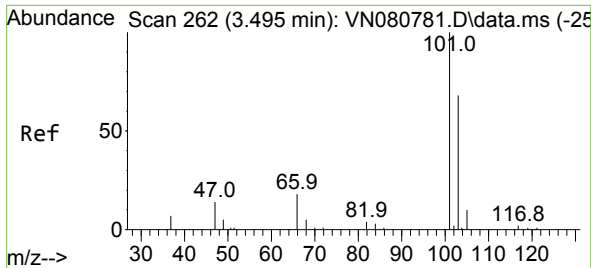
Tgt Ion: 94 Resp: 16375
Ion Ratio Lower Upper
94 100
96 87.1 69.2 103.8



#6
Chloroethane
Concen: 23.882 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080834.D
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Tgt Ion: 64 Resp: 23799
Ion Ratio Lower Upper
64 100
66 26.2 26.4 39.6#

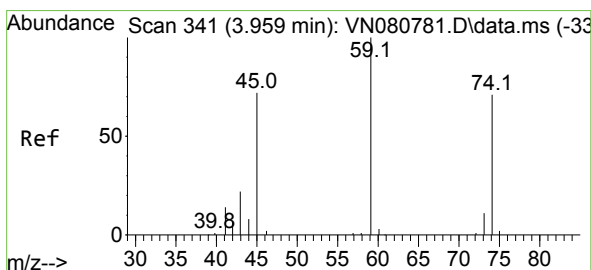
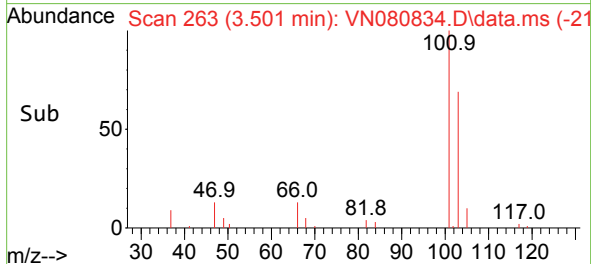
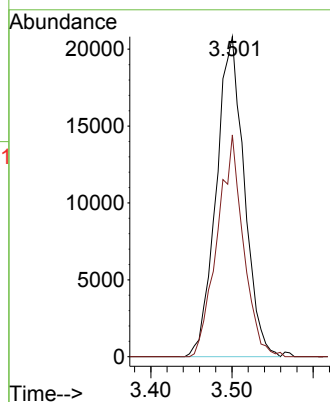
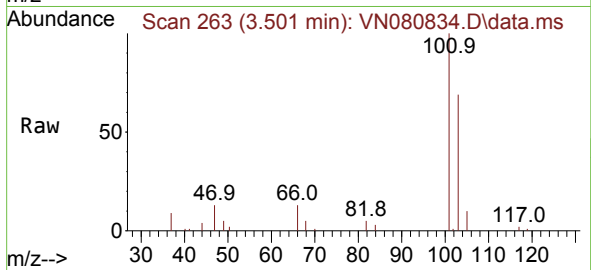




#7
Trichlorofluoromethane
Concen: 20.570 ug/l
RT: 3.501 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN080834.D
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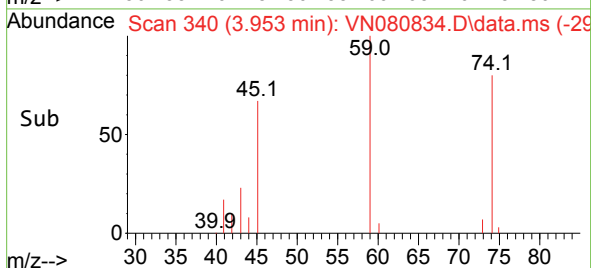
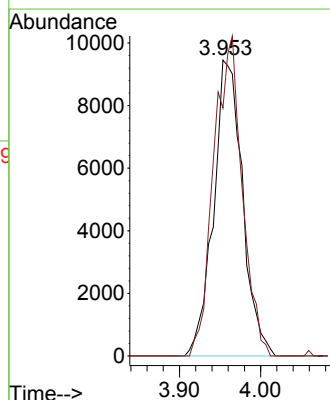
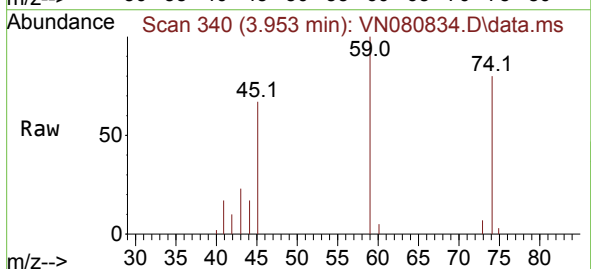
Instrument :
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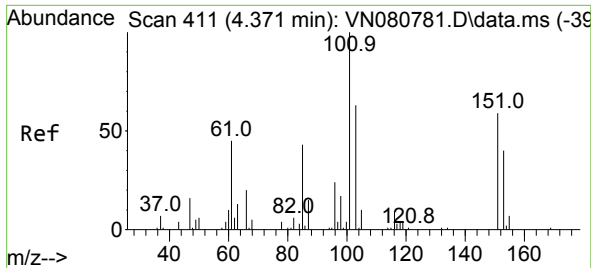
Tgt Ion:101 Resp: 49762
Ion Ratio Lower Upper
101 100
103 69.3 54.4 81.6



#8
Diethyl Ether
Concen: 21.007 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 23443
Ion Ratio Lower Upper
74 100
45 106.1 53.3 159.9

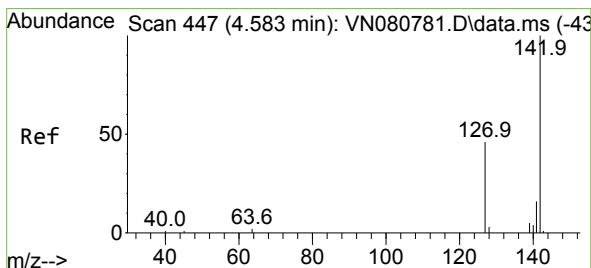
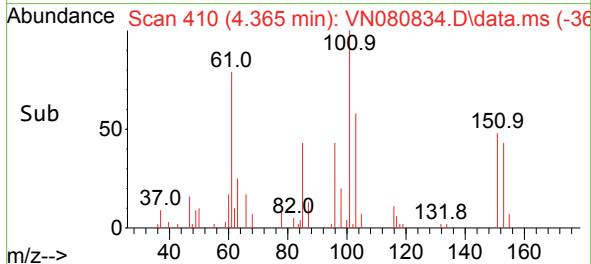
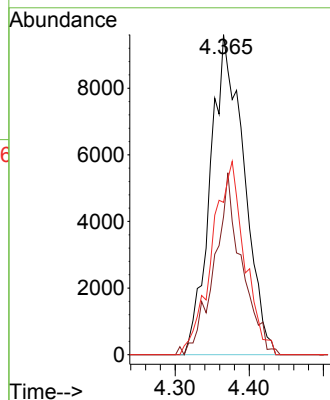
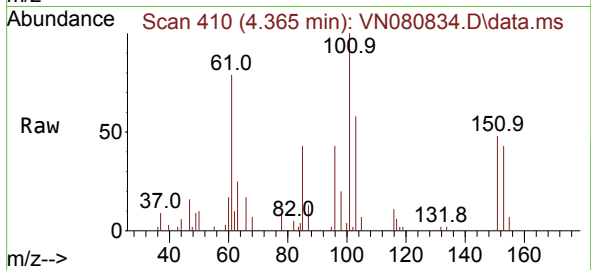




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.476 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

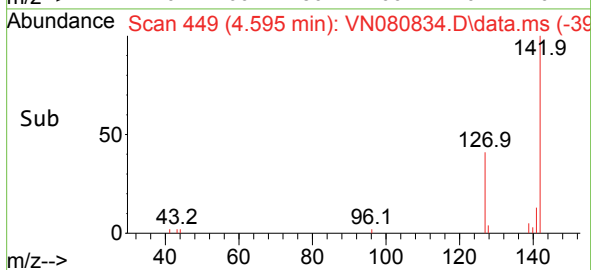
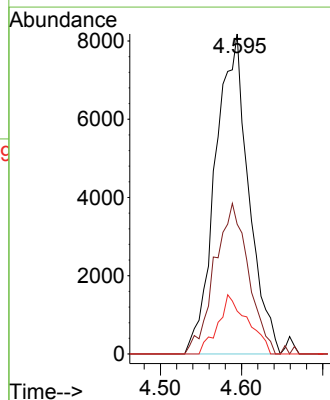
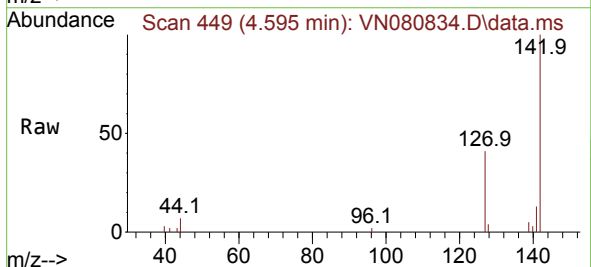
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

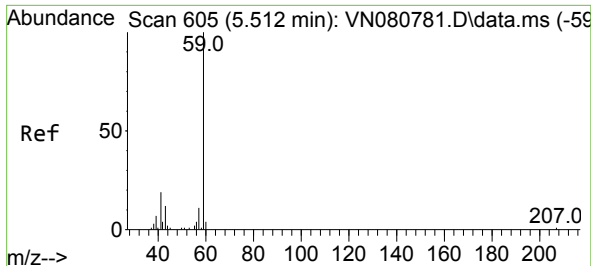
Tgt Ion:101 Resp: 30295
Ion Ratio Lower Upper
101 100
85 46.7 38.1 57.1
151 58.8 49.1 73.7



#10
Methyl Iodide
Concen: 19.540 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion:142 Resp: 23269
Ion Ratio Lower Upper
142 100
127 40.6 37.0 55.4
141 13.4 12.5 18.7

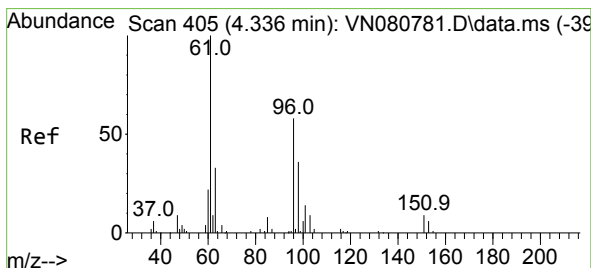
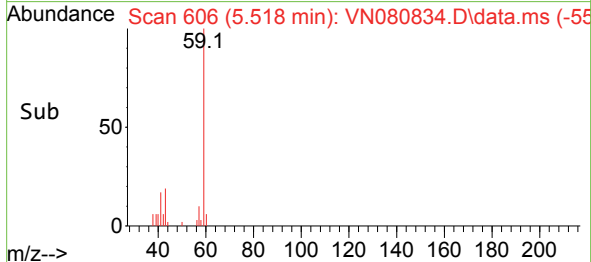
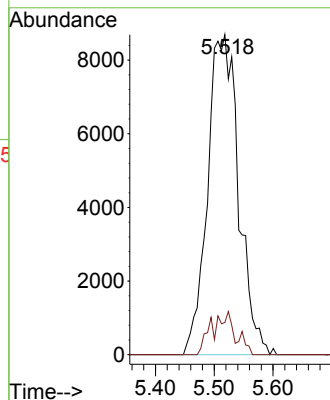
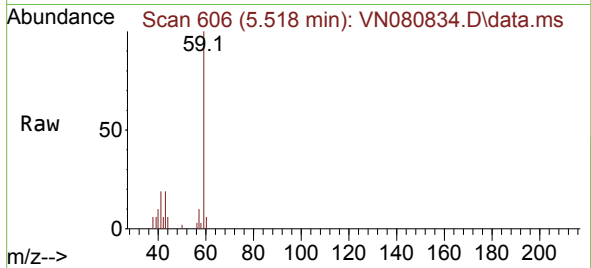




#11
Tert butyl alcohol
Concen: 102.602 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

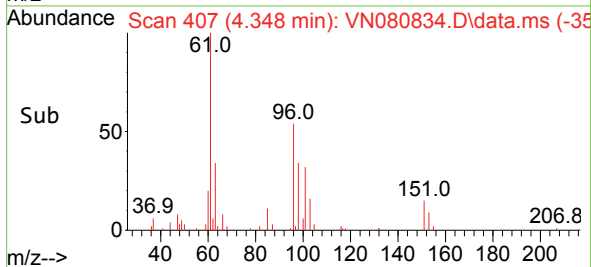
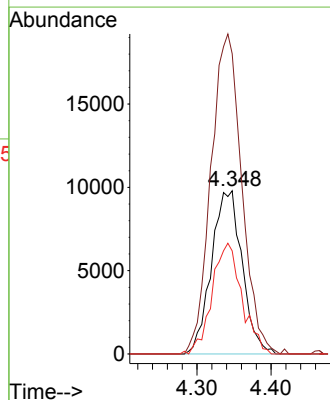
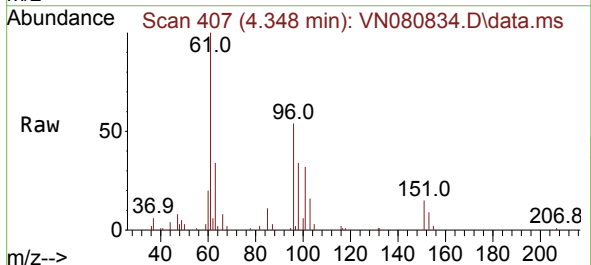
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

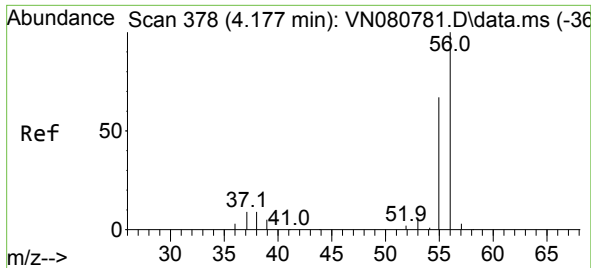
Tgt Ion: 59 Resp: 31862
Ion Ratio Lower Upper
59 100
57 4.0 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 18.204 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion: 96 Resp: 28138
Ion Ratio Lower Upper
96 100
61 184.0 138.2 207.4
98 63.2 49.2 73.8

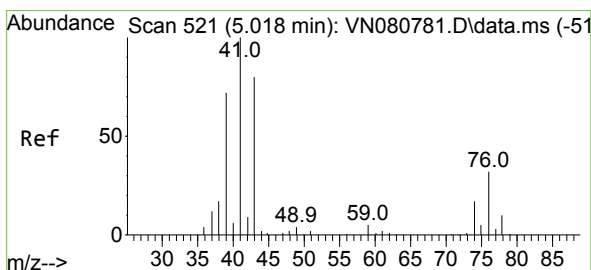
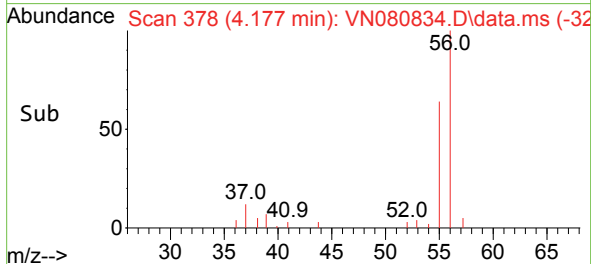
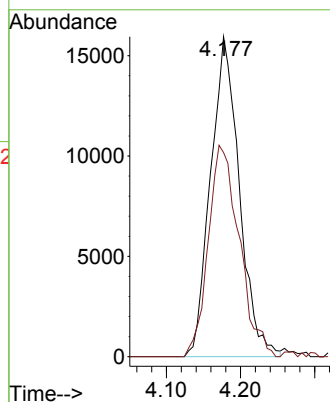
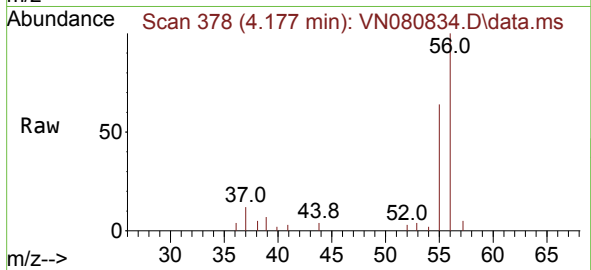




#13
Acrolein
Concen: 109.801 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

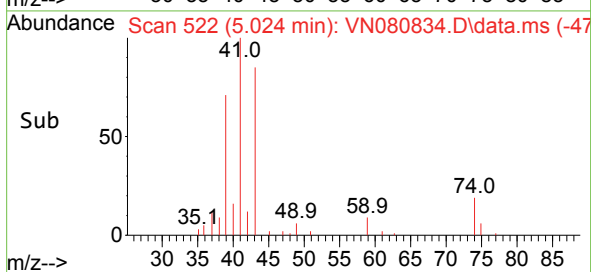
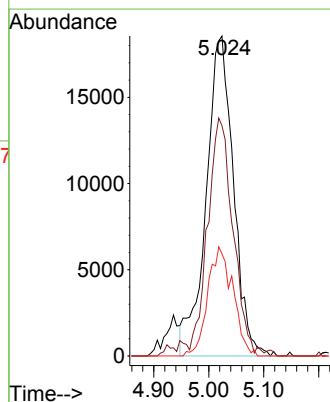
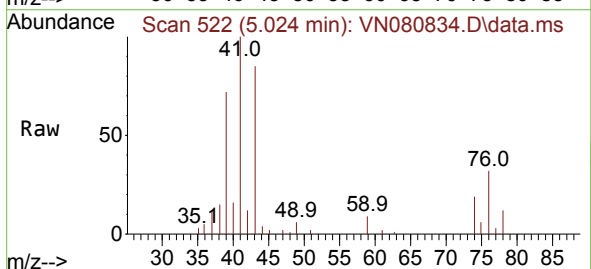
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

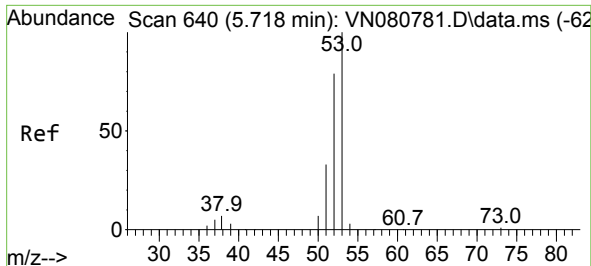
Tgt Ion: 56 Resp: 42999
Ion Ratio Lower Upper
56 100
55 71.2 55.3 82.9



#14
Allyl chloride
Concen: 20.994 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion: 41 Resp: 64143
Ion Ratio Lower Upper
41 100
39 67.5 57.7 86.5
76 31.5 26.8 40.2

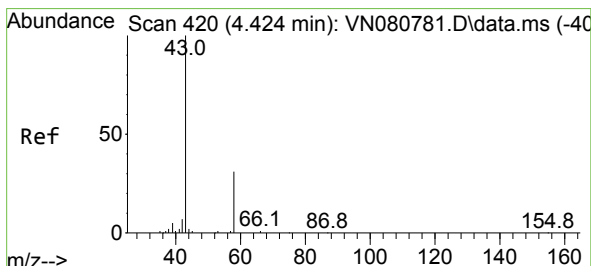
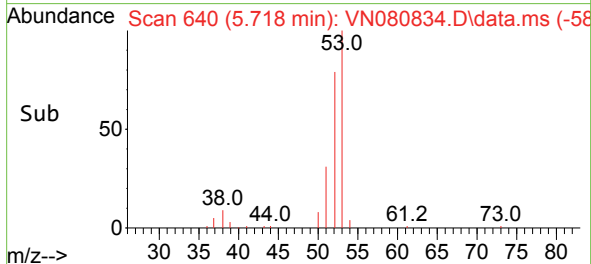
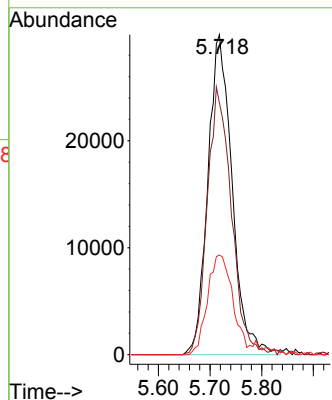
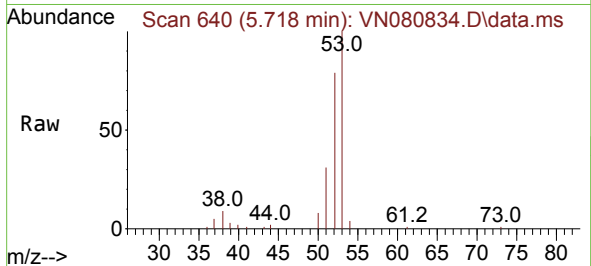




#15
Acrylonitrile
Concen: 104.276 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

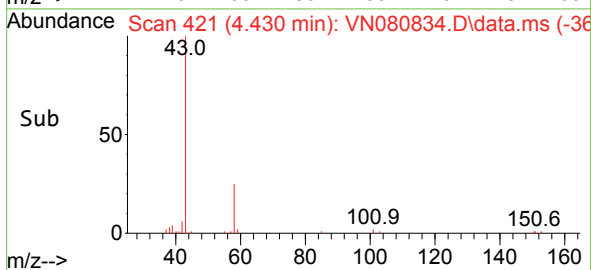
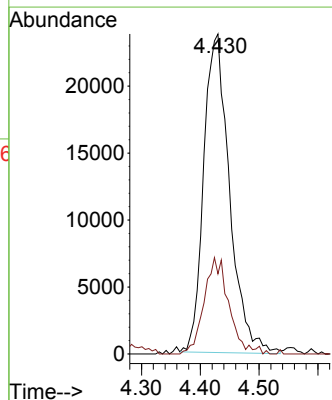
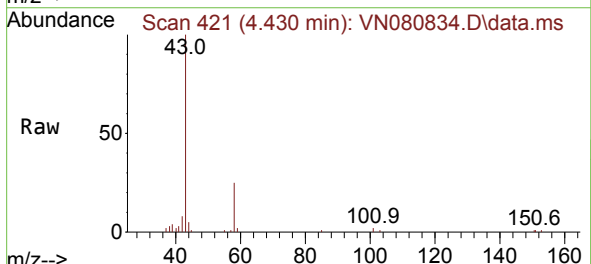
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

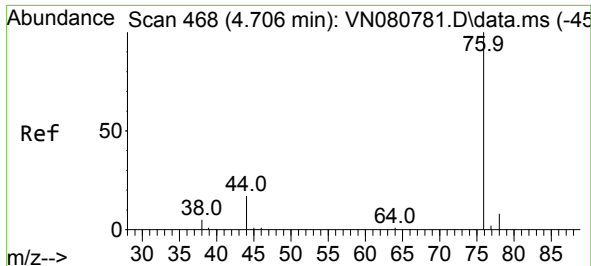
Tgt Ion:	53	Resp:	97389
Ion	Ratio	Lower	Upper
53	100		
52	82.8	64.8	97.2
51	32.9	26.9	40.3



#16
Acetone
Concen: 105.067 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion:	43	Resp:	72591
Ion	Ratio	Lower	Upper
43	100		
58	25.2	24.8	37.2

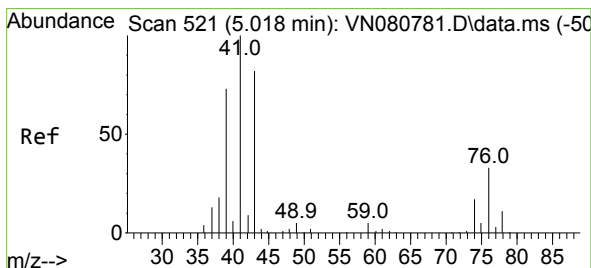
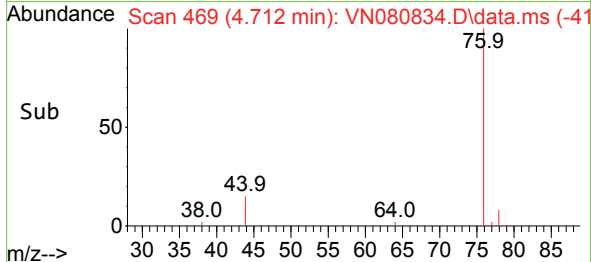
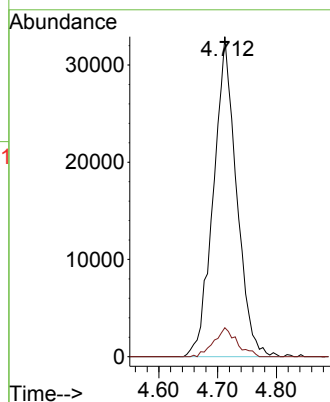
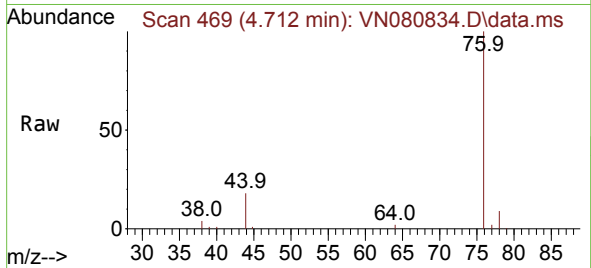




#17
Carbon Disulfide
Concen: 18.659 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

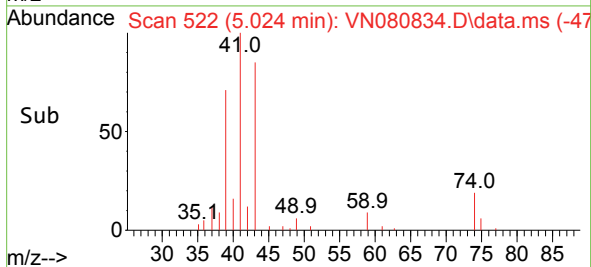
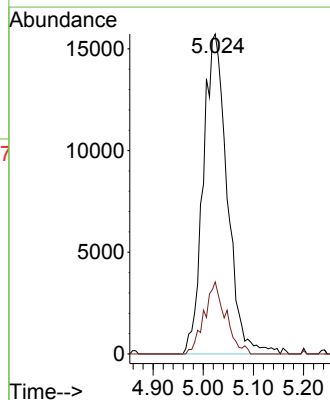
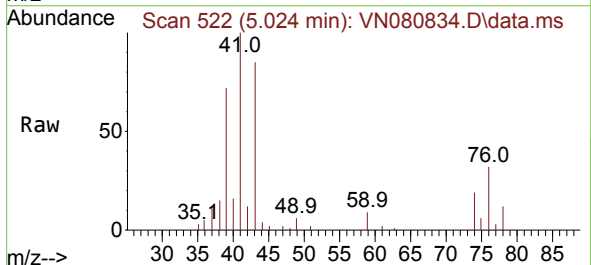
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

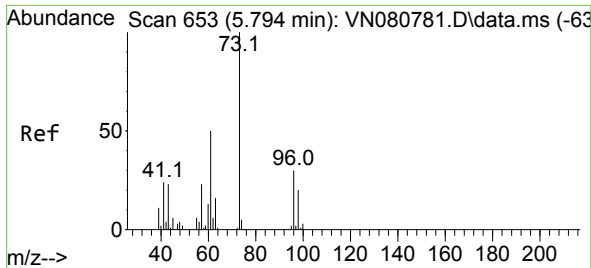
Tgt Ion: 76 Resp: 89790
Ion Ratio Lower Upper
76 100
78 9.0 6.3 9.5



#18
Methyl Acetate
Concen: 21.861 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion: 43 Resp: 52638
Ion Ratio Lower Upper
43 100
74 20.1 17.3 25.9

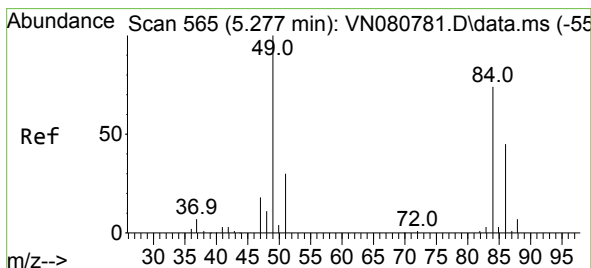
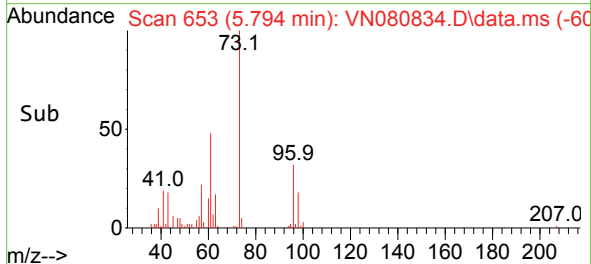
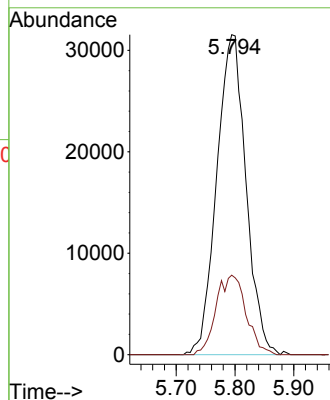
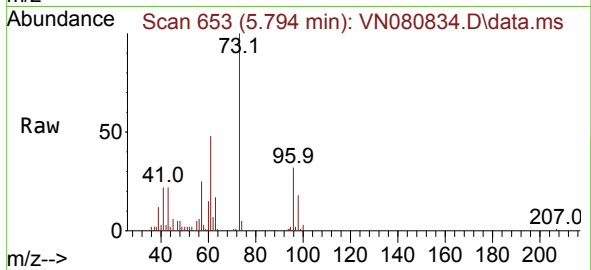




#19
Methyl tert-butyl Ether
Concen: 19.988 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

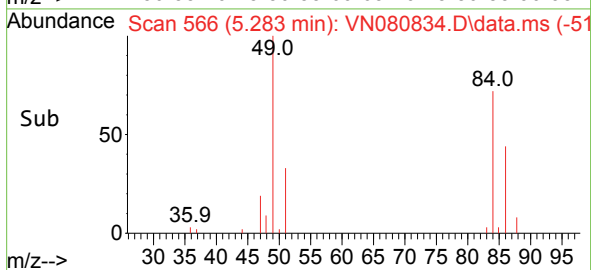
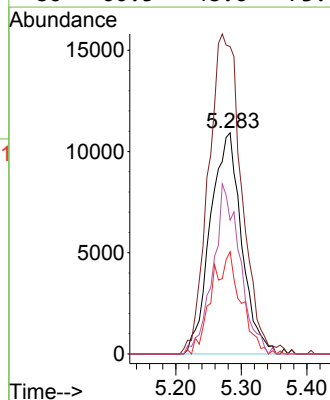
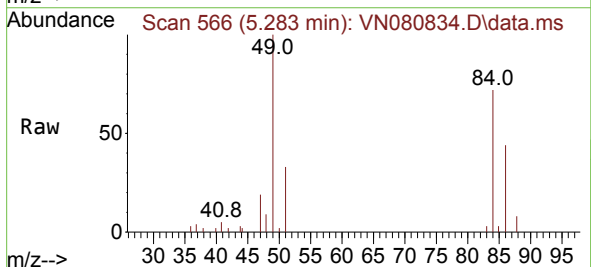
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

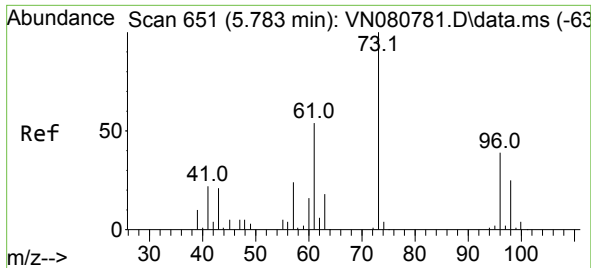
Tgt Ion: 73 Resp: 108860
Ion Ratio Lower Upper
73 100
57 24.9 18.2 27.4



#20
Methylene Chloride
Concen: 19.868 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion: 84 Resp: 36033
Ion Ratio Lower Upper
84 100
49 139.0 108.1 162.1
51 46.2 32.9 49.3
86 60.5 48.6 73.0

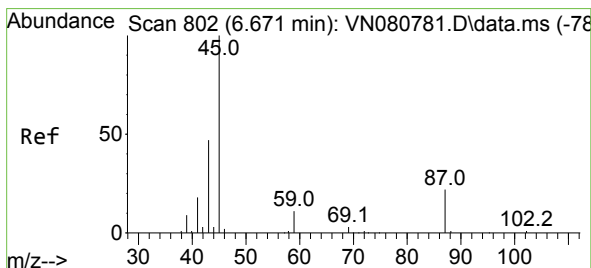
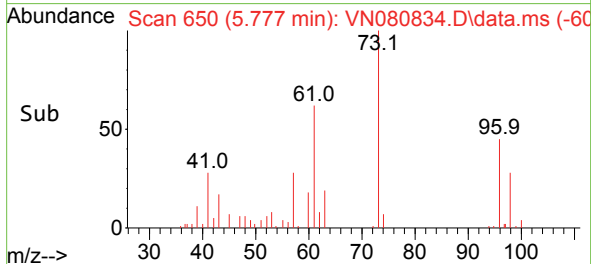
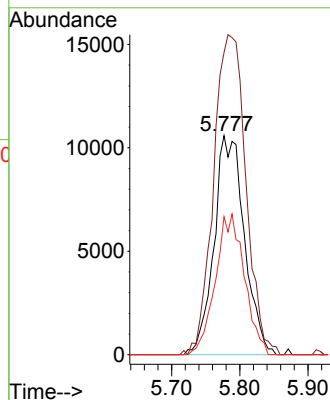
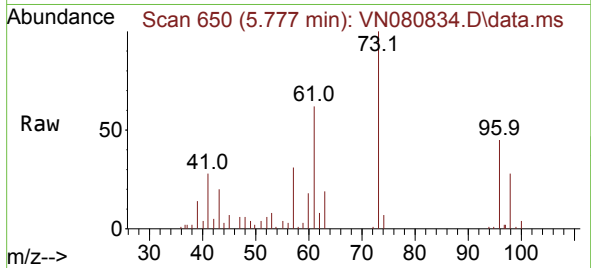




#21
trans-1,2-Dichloroethene
Concen: 19.487 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

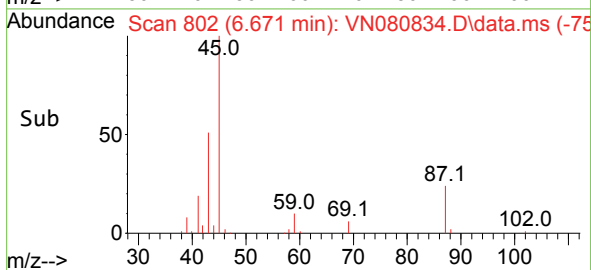
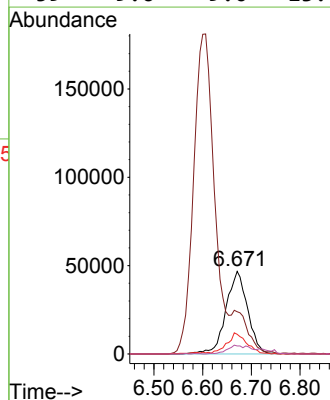
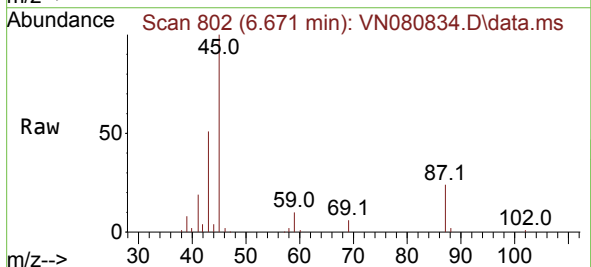
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

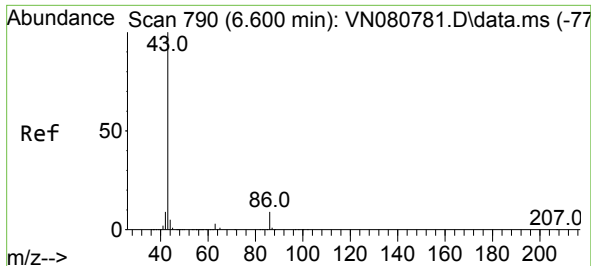
Tgt Ion: 96 Resp: 32724
Ion Ratio Lower Upper
96 100
61 138.0 112.8 169.2
98 63.0 51.0 76.4



#22
Diisopropyl ether
Concen: 21.407 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion: 45 Resp: 144307
Ion Ratio Lower Upper
45 100
43 50.4 41.8 62.8
87 23.8 18.1 27.1
59 9.6 9.0 13.6

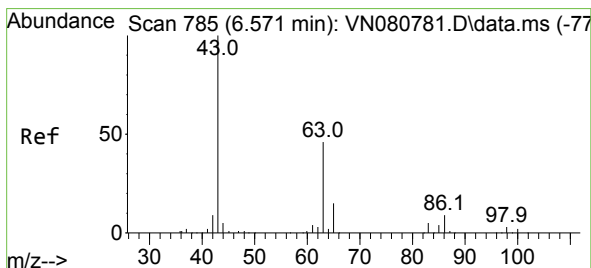
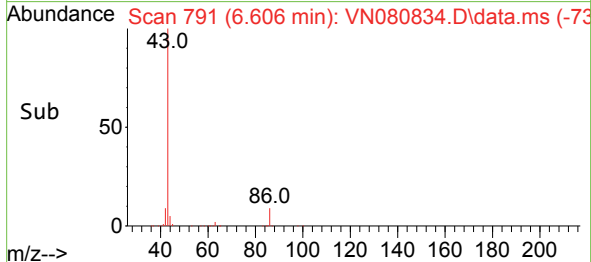
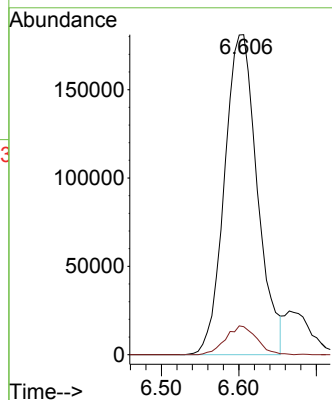
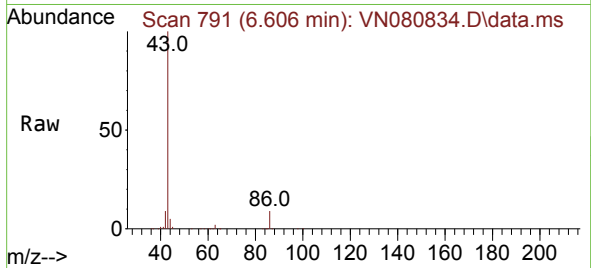




#23
 Vinyl Acetate
 Concen: 109.544 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080834.D
 Acq: 31 Jan 2024 12:35

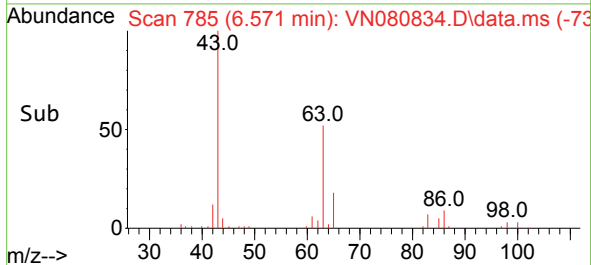
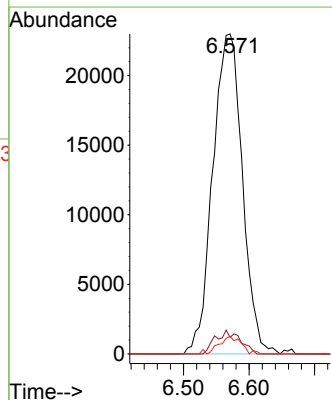
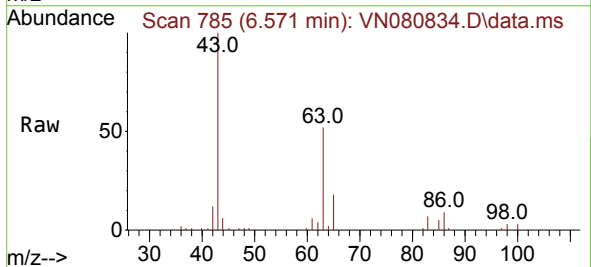
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

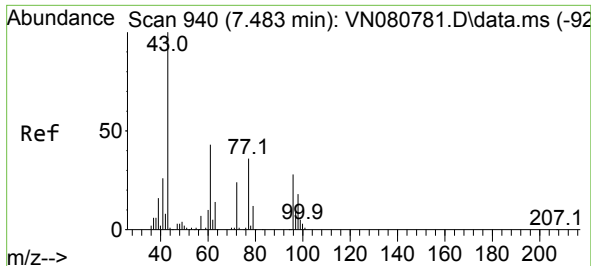
Tgt Ion: 43 Resp: 534308
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 21.085 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080834.D
 Acq: 31 Jan 2024 12:35

Tgt Ion: 63 Resp: 72084
 Ion Ratio Lower Upper
 63 100
 98 5.2 2.9 8.6
 100 5.5 1.9 5.7

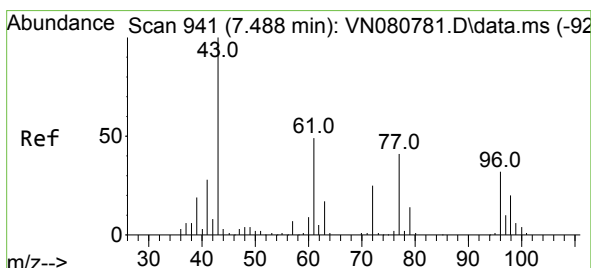
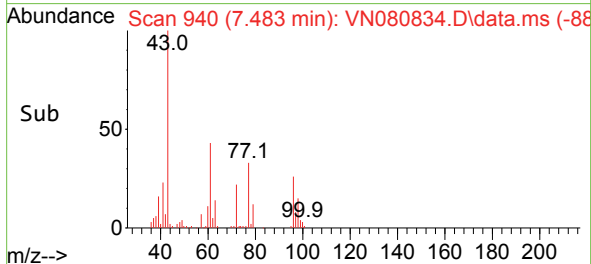
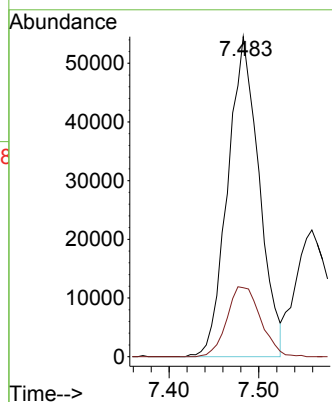
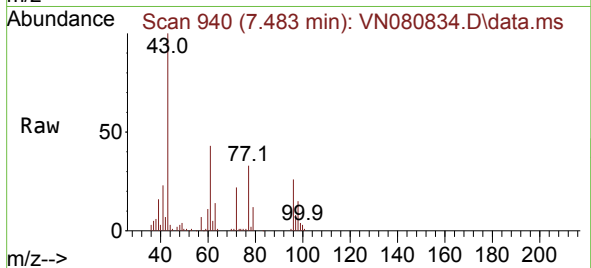




#25
2-Butanone
Concen: 100.892 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

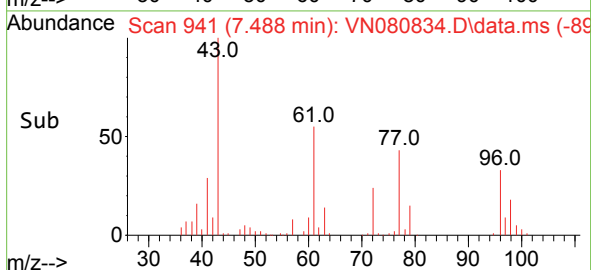
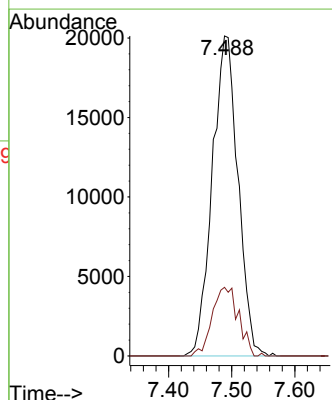
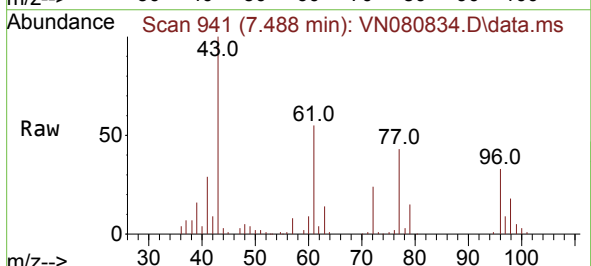
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

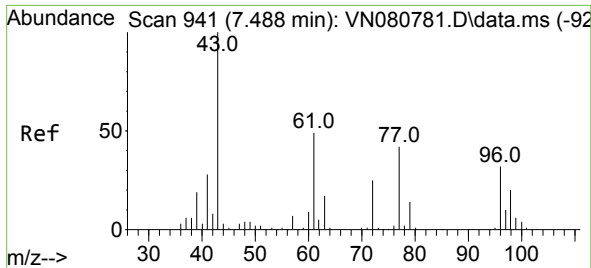
Tgt Ion: 43 Resp: 132402
Ion Ratio Lower Upper
43 100
72 21.5 19.5 29.3



#26
2,2-Dichloropropane
Concen: 20.617 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion: 77 Resp: 56971
Ion Ratio Lower Upper
77 100
97 21.9 11.5 34.5

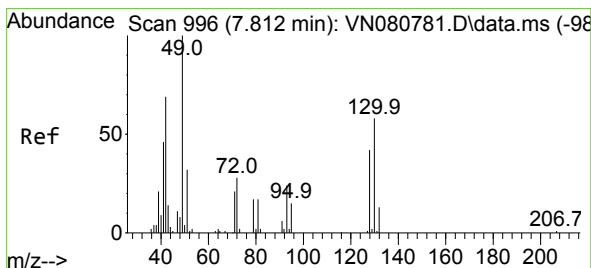
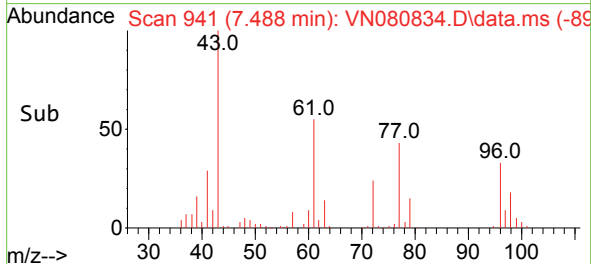
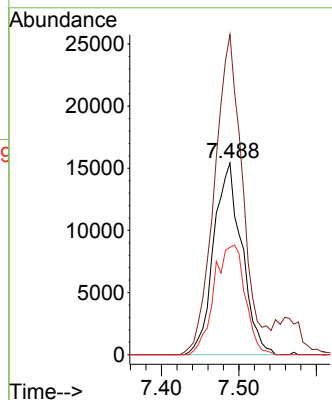
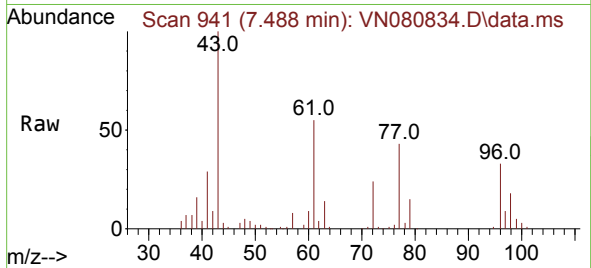




#27
 cis-1,2-Dichloroethene
 Concen: 20.045 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080834.D
 Acq: 31 Jan 2024 12:35

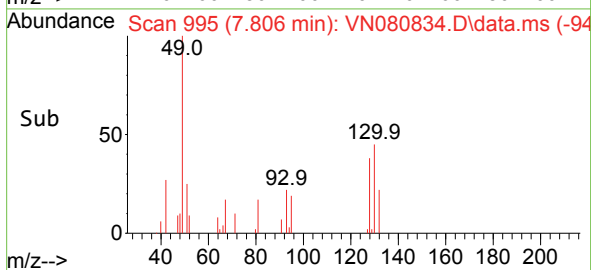
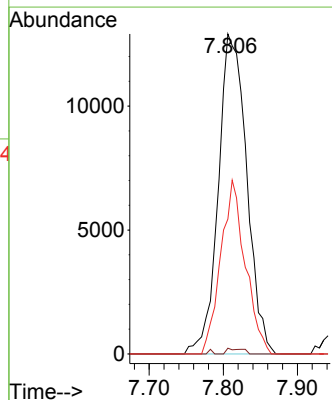
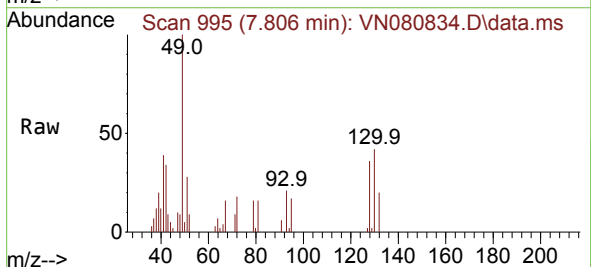
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

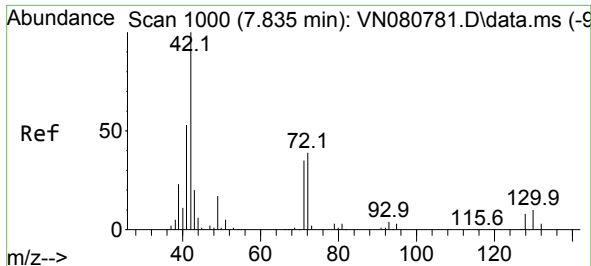
Tgt Ion: 96	Resp: 38966
Ion Ratio	Lower Upper
96 100	
61 168.3	0.0 325.4
98 63.0	0.0 130.4



#28
 Bromochloromethane
 Concen: 18.965 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN080834.D
 Acq: 31 Jan 2024 12:35

Tgt Ion: 49	Resp: 34328
Ion Ratio	Lower Upper
49 100	
129 1.0	0.0 1.6
130 47.0	42.3 63.5





#29

Tetrahydrofuran

Concen: 103.550 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

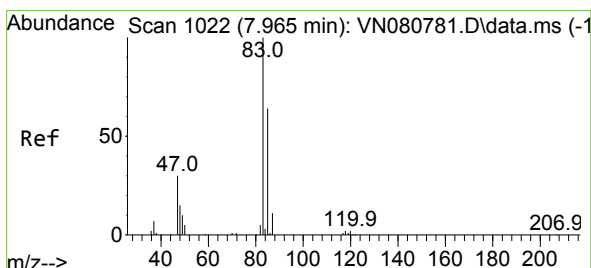
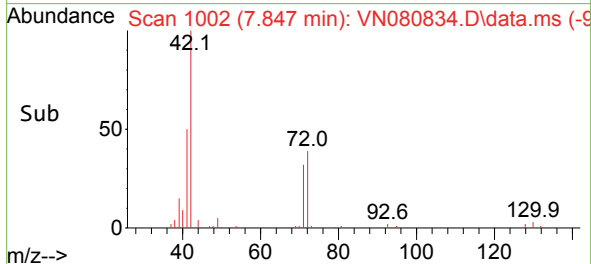
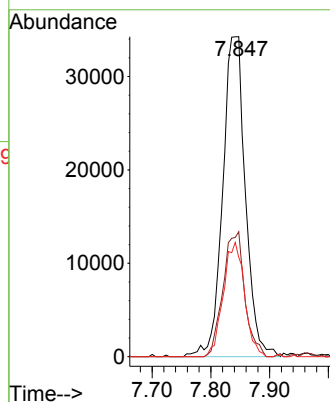
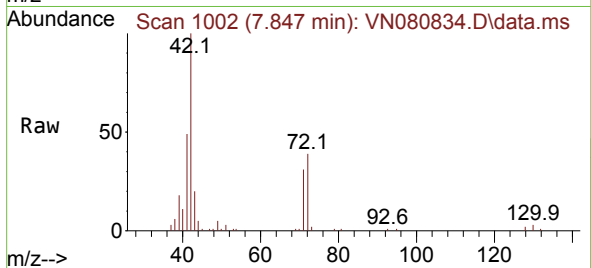
Tgt Ion: 42 Resp: 91951

Ion Ratio Lower Upper

42 100

72 37.2 31.1 46.7

71 33.4 28.3 42.5



#30

Chloroform

Concen: 20.041 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN080834.D

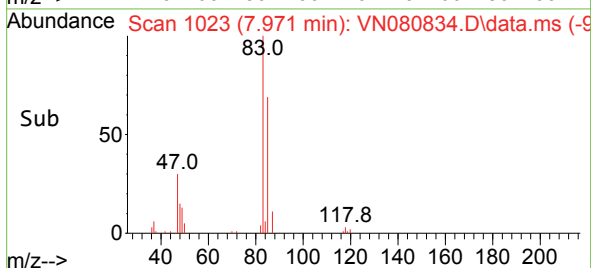
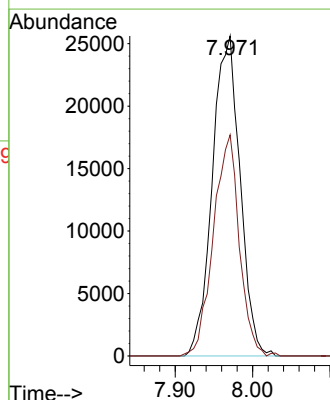
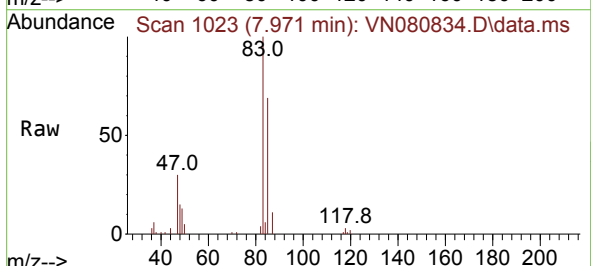
Acq: 31 Jan 2024 12:35

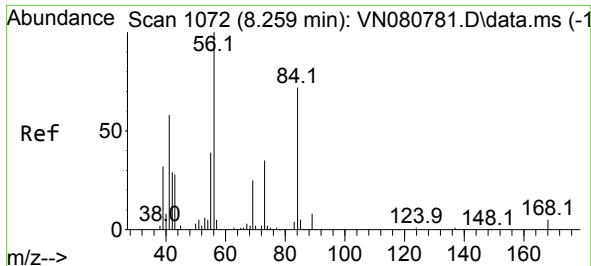
Tgt Ion: 83 Resp: 63652

Ion Ratio Lower Upper

83 100

85 69.1 51.0 76.6

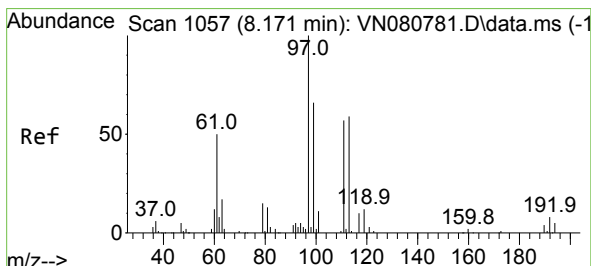
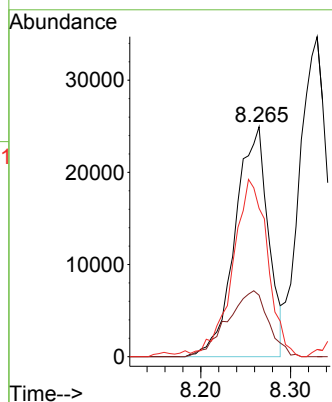
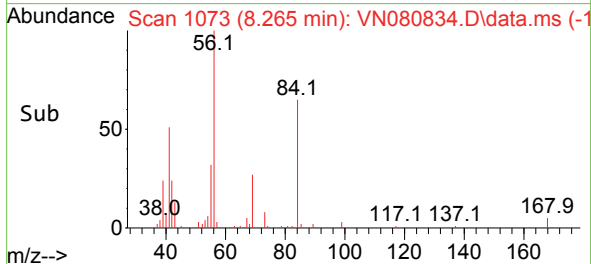
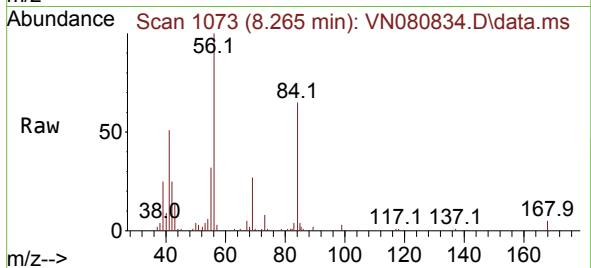




#31
Cyclohexane
Concen: 19.577 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

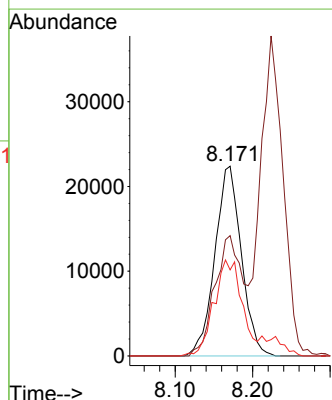
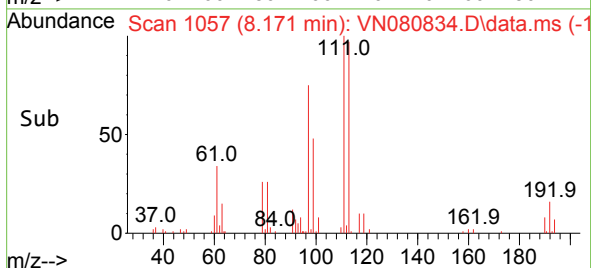
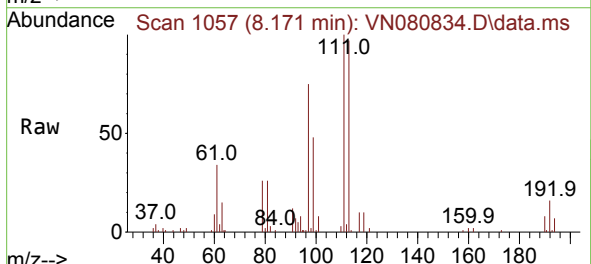
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

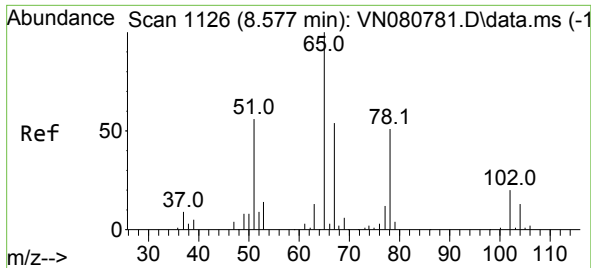
Tgt Ion: 56 Resp: 63951
Ion Ratio Lower Upper
56 100
69 26.7 20.1 30.1
84 63.0 56.9 85.3



#32
1,1,1-Trichloroethane
Concen: 20.629 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion: 97 Resp: 53133
Ion Ratio Lower Upper
97 100
99 67.1 53.4 80.0
61 53.7 43.8 65.8

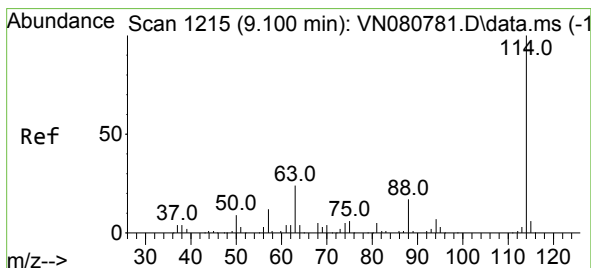
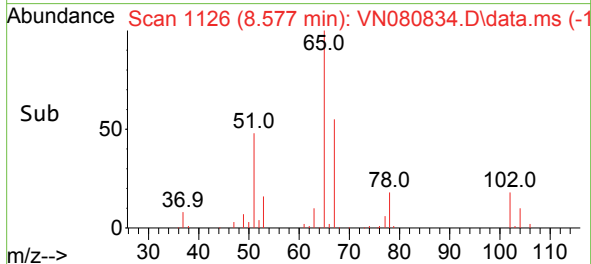
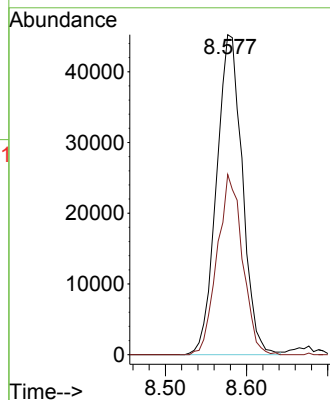
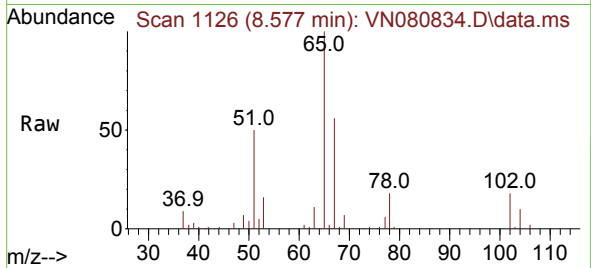




#33
 1,2-Dichloroethane-d4
 Concen: 52.423 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN080834.D
 Acq: 31 Jan 2024 12:35

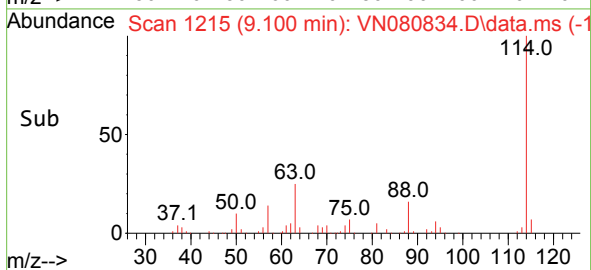
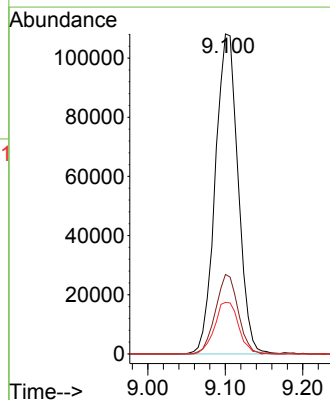
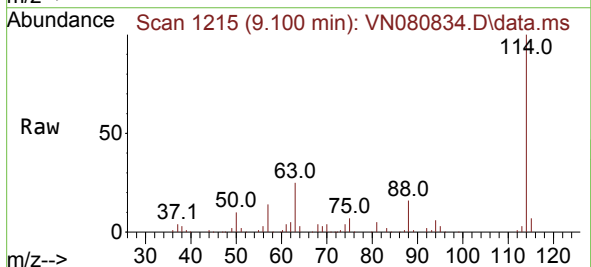
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

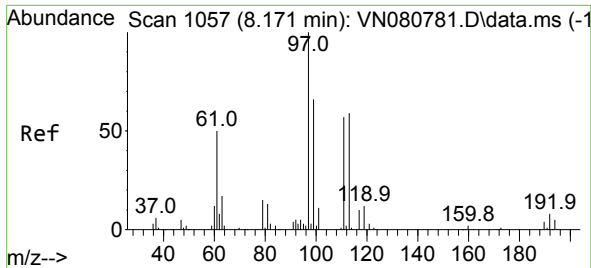
Tgt Ion: 65 Resp: 99868
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN080834.D
 Acq: 31 Jan 2024 12:35

Tgt Ion: 114 Resp: 220965
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 48.0
 88 16.1 0.0 34.8

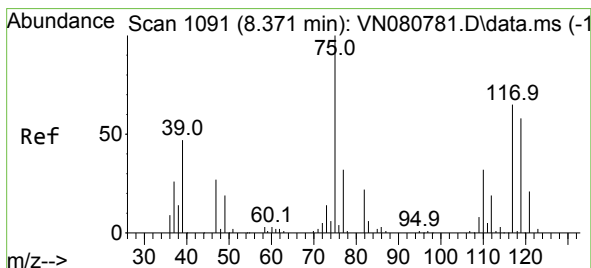
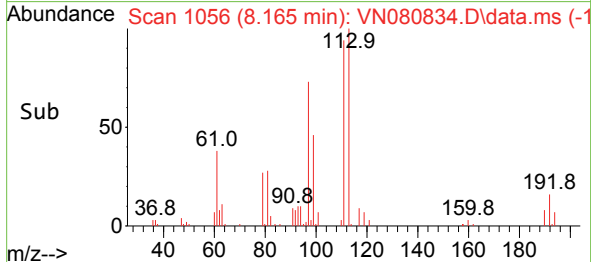
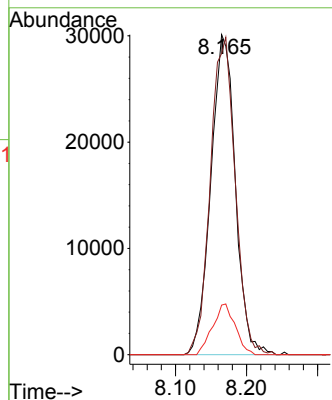
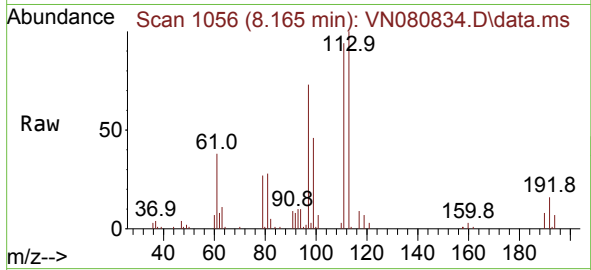




#35
Dibromofluoromethane
Concen: 53.167 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

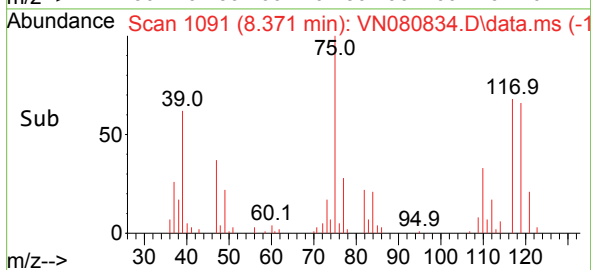
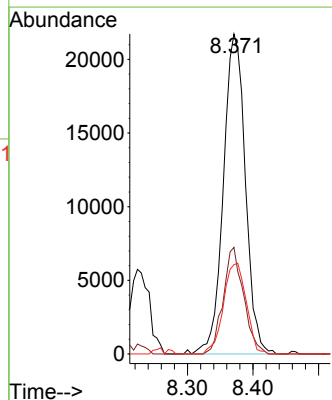
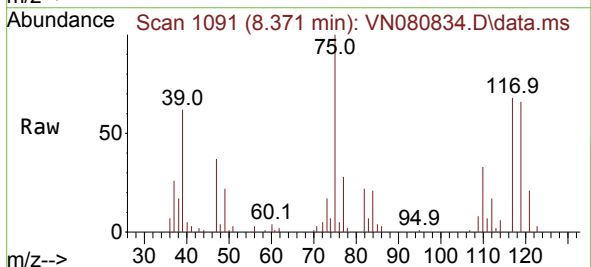
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

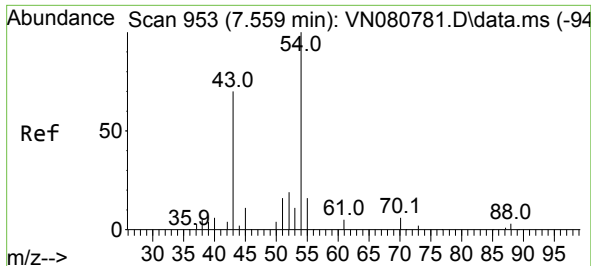
Tgt Ion:113 Resp: 71875
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 14.6 12.5 18.7



#36
1,1-Dichloropropene
Concen: 20.133 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion: 75 Resp: 50587
Ion Ratio Lower Upper
75 100
110 31.0 16.0 48.0
77 29.4 25.8 38.6

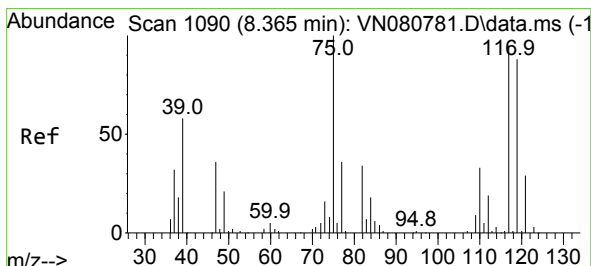
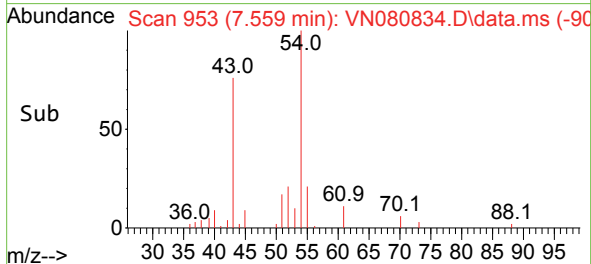
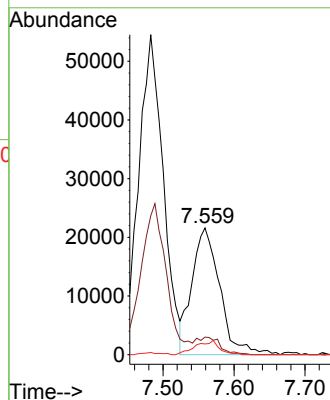
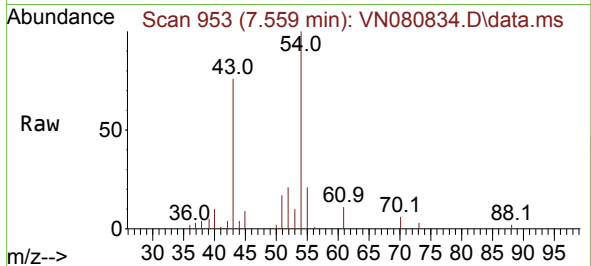




#37
Ethyl Acetate
Concen: 22.916 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

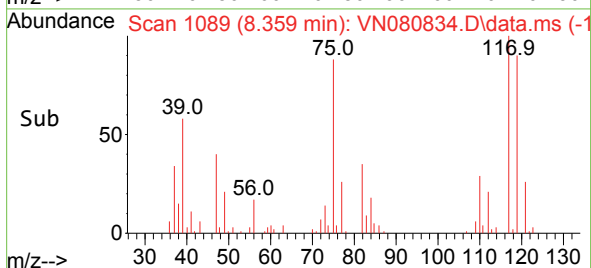
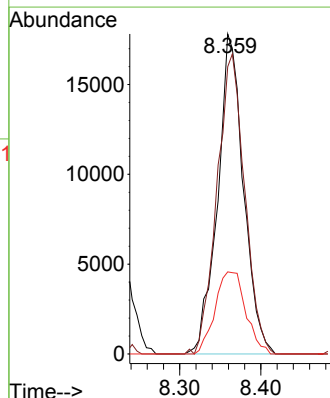
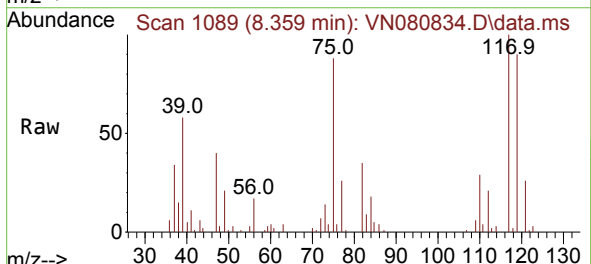
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

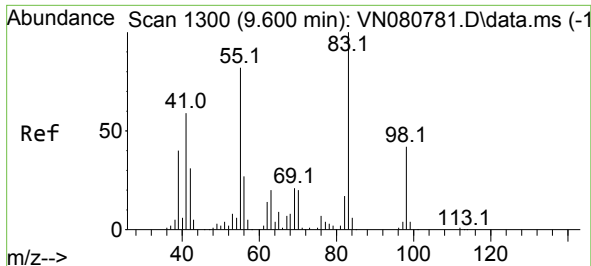
Tgt Ion:	43	Resp:	59276
Ion	Ratio	Lower	Upper
43	100		
61	11.6	10.6	15.8
70	9.3	8.0	12.0



#38
Carbon Tetrachloride
Concen: 19.489 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion:	117	Resp:	39455
Ion	Ratio	Lower	Upper
117	100		
119	89.7	73.4	110.2
121	25.6	24.4	36.6





#39

Methylcyclohexane

Concen: 20.042 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

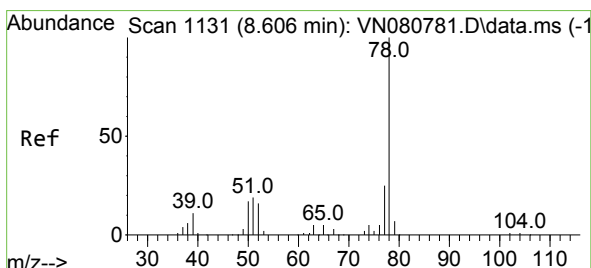
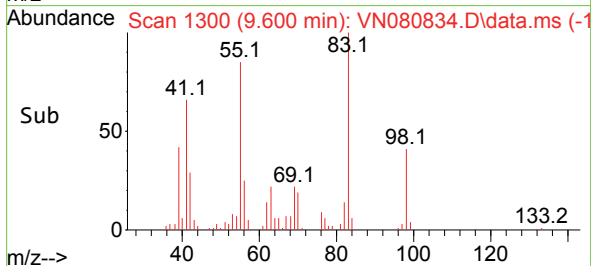
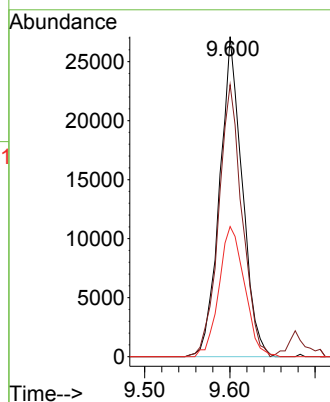
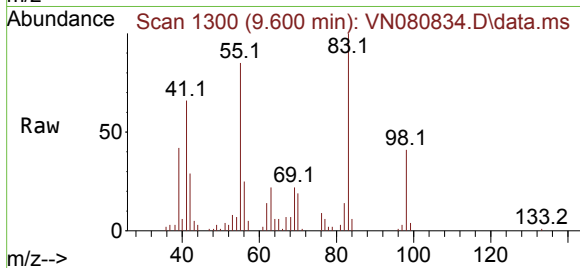
Tgt Ion: 83 Resp: 50055

Ion Ratio Lower Upper

83 100

55 85.0 65.7 98.5

98 40.6 33.8 50.6



#40

Benzene

Concen: 20.859 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN080834.D

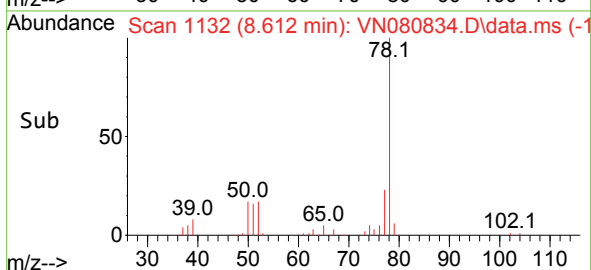
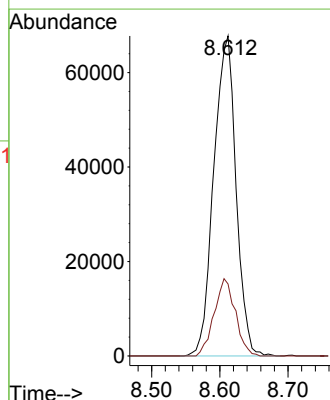
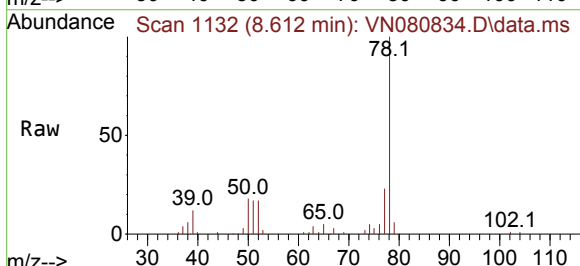
Acq: 31 Jan 2024 12:35

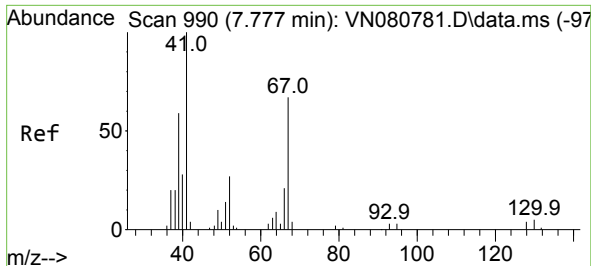
Tgt Ion: 78 Resp: 154044

Ion Ratio Lower Upper

78 100

77 22.5 20.4 30.6

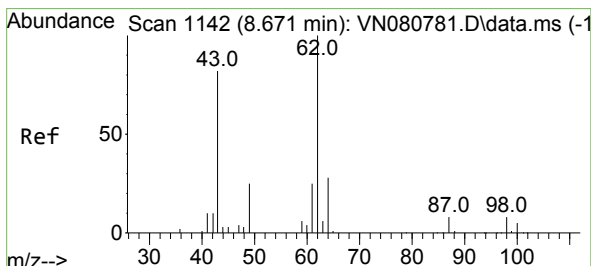
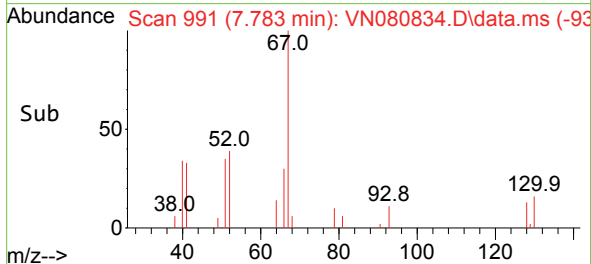
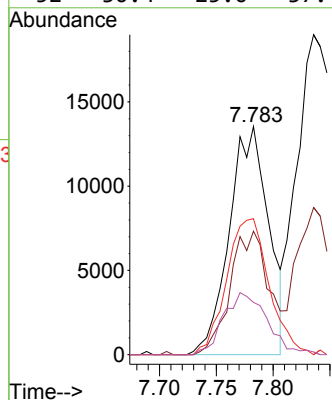
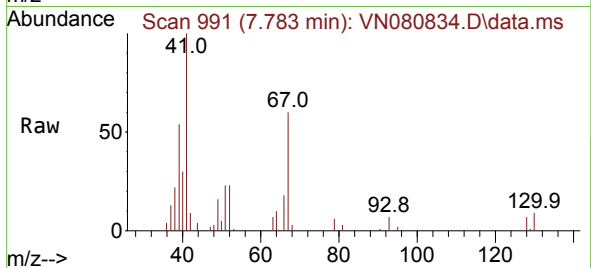




#41
Methacrylonitrile
Concen: 21.347 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

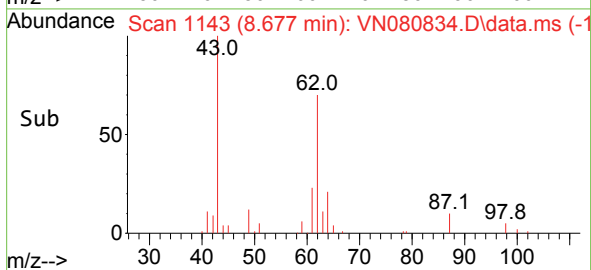
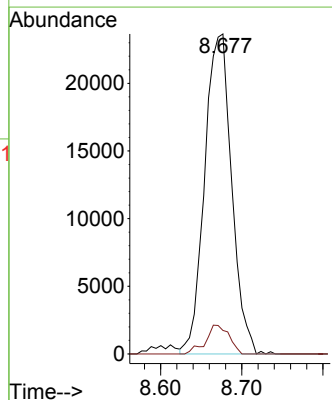
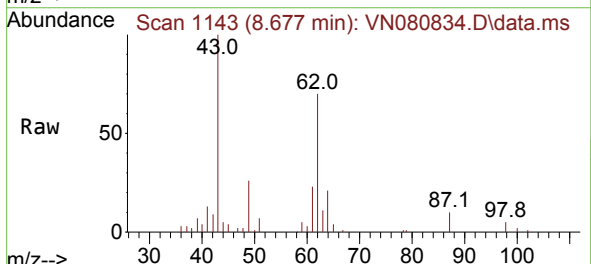
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

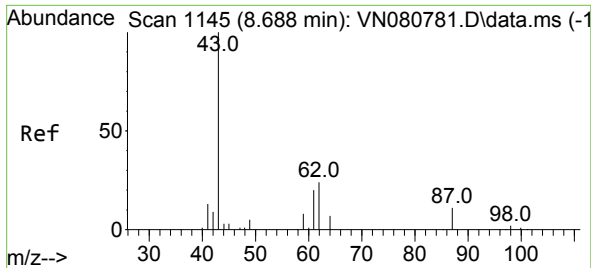
Tgt Ion:	41	Resp:	32544
Ion	Ratio	Lower	Upper
41	100		
39	52.9	48.4	72.6
67	64.8	56.8	85.2
52	30.4	25.0	37.4



#42
1,2-Dichloroethane
Concen: 22.734 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion:	62	Resp:	54696
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	18.0

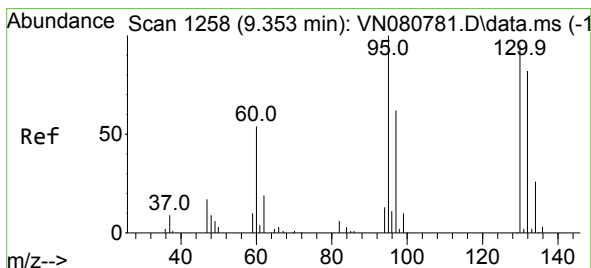
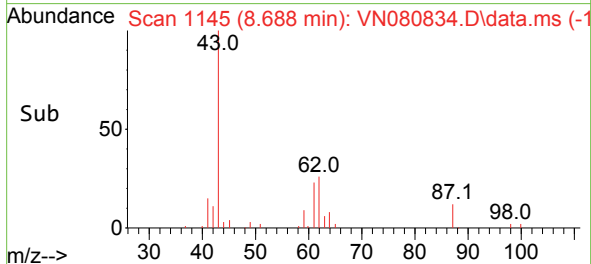
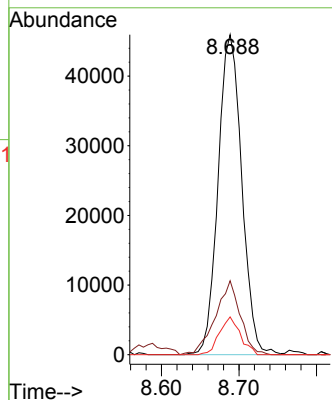
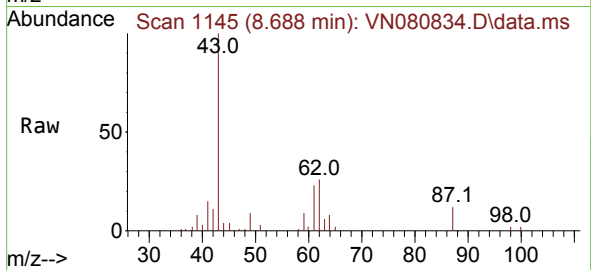




#43
Isopropyl Acetate
Concen: 20.701 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

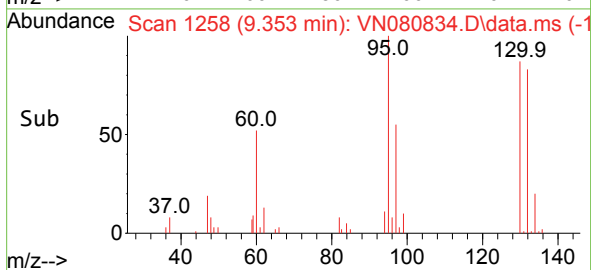
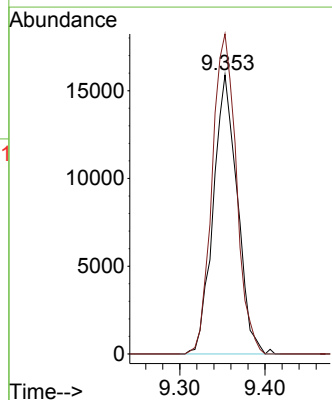
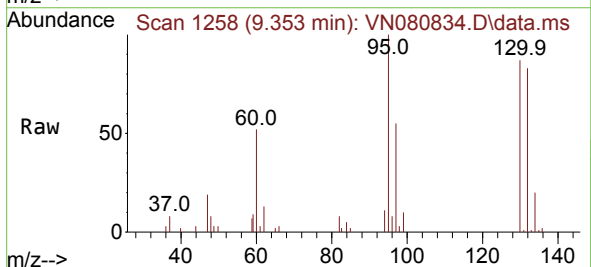
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

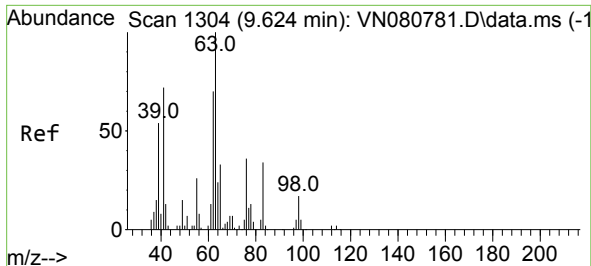
Tgt Ion: 43 Resp: 97486
Ion Ratio Lower Upper
43 100
61 24.2 19.9 29.9
87 10.4 9.0 13.6



#44
Trichloroethene
Concen: 19.255 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion:130 Resp: 31321
Ion Ratio Lower Upper
130 100
95 114.7 0.0 210.4





#45

1,2-Dichloropropane

Concen: 21.259 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

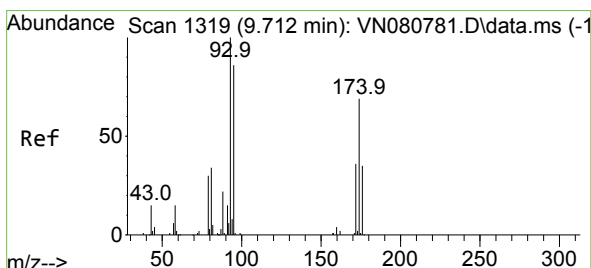
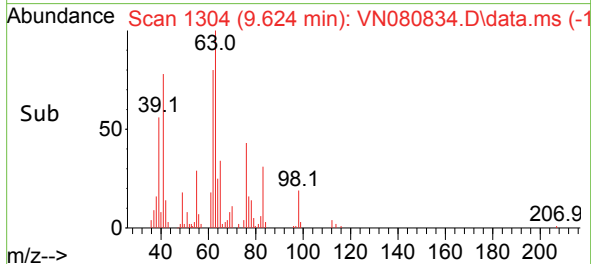
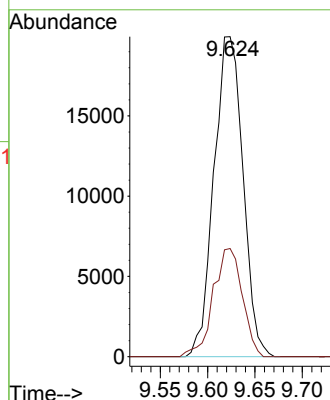
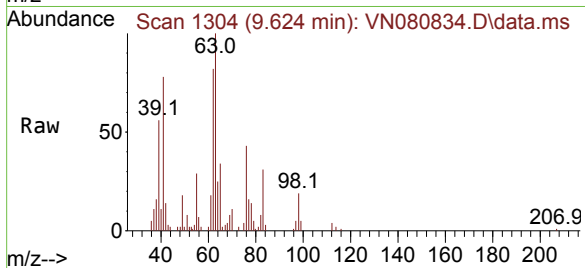
VN0131WBS01

Tgt Ion: 63 Resp: 42487

Ion Ratio Lower Upper

63 100

65 33.8 26.1 39.1



#46

Dibromomethane

Concen: 20.182 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

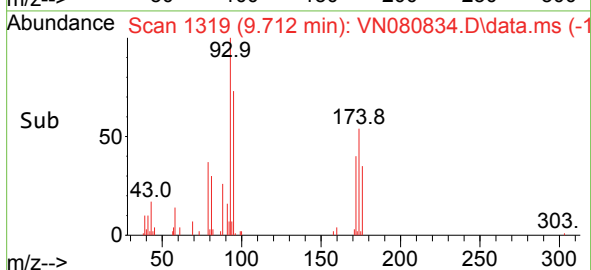
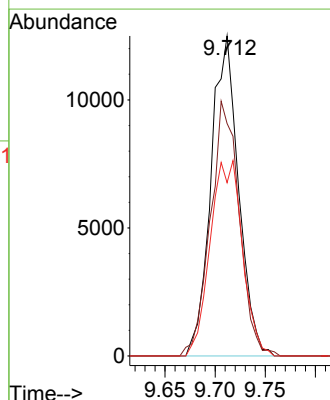
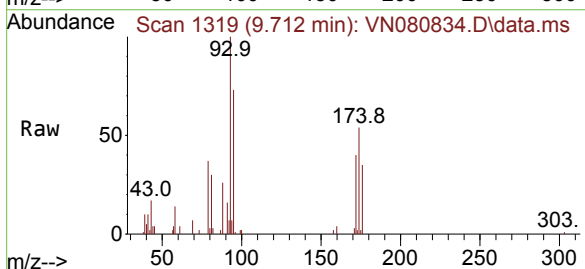
Tgt Ion: 93 Resp: 23910

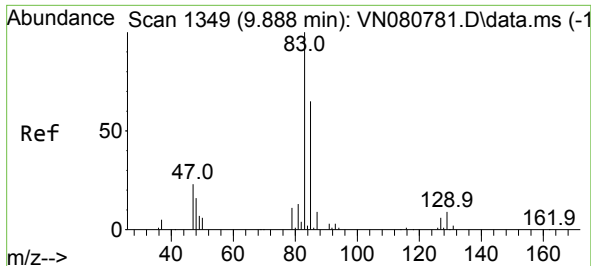
Ion Ratio Lower Upper

93 100

95 83.0 68.1 102.1

174 71.1 57.2 85.8





#47

Bromodichloromethane

Concen: 19.840 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

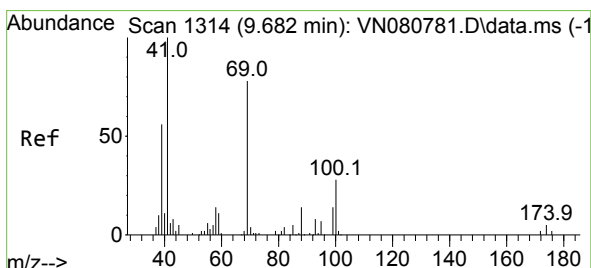
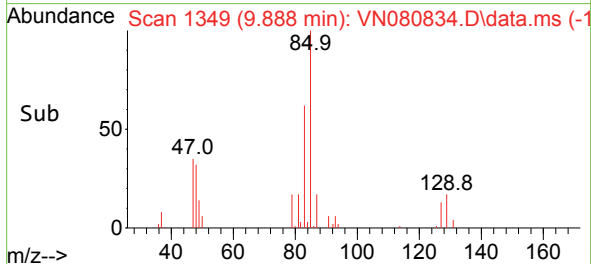
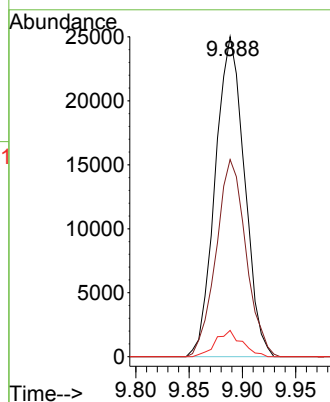
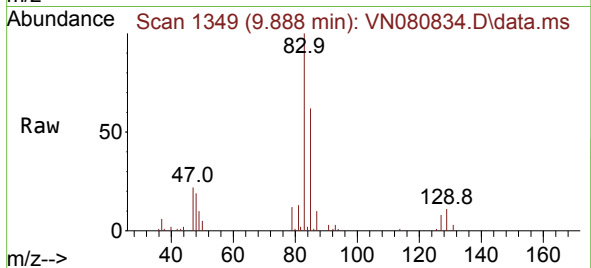
Tgt Ion: 83 Resp: 47722

Ion Ratio Lower Upper

83 100

85 61.6 52.3 78.5

127 8.2 4.6 7.0#



#48

Methyl methacrylate

Concen: 19.560 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

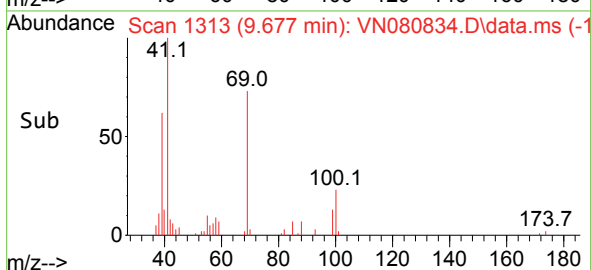
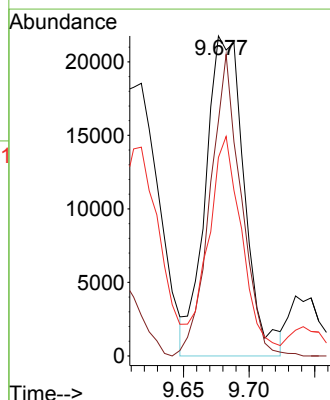
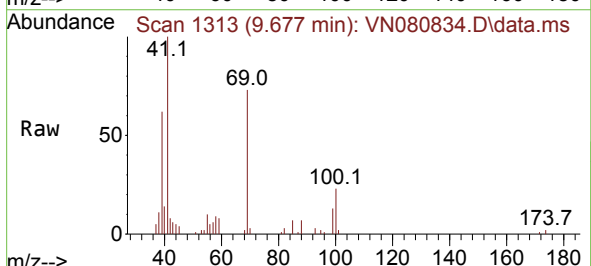
Tgt Ion: 41 Resp: 44656

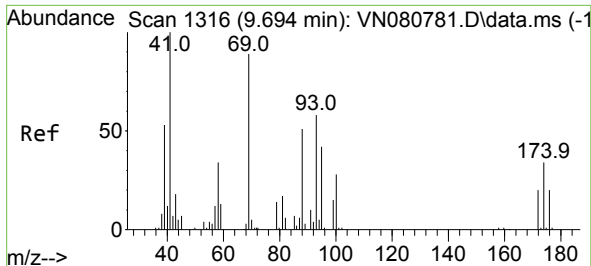
Ion Ratio Lower Upper

41 100

69 75.6 62.2 93.2

39 61.7 47.6 71.4





#49

1,4-Dioxane

Concen: 437.991 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

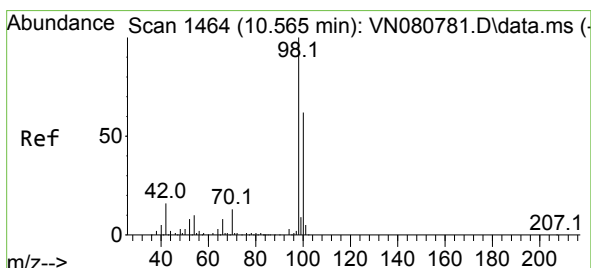
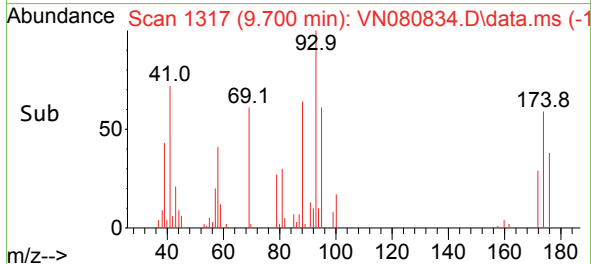
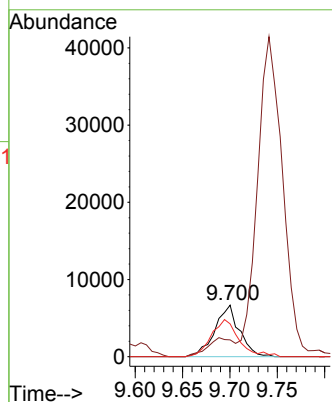
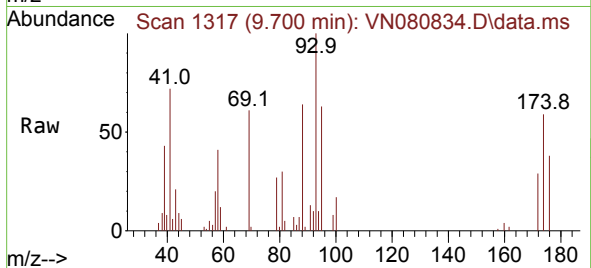
Tgt Ion: 88 Resp: 12045

Ion Ratio Lower Upper

88 100

43 39.0 30.1 45.1

58 81.1 63.9 95.9



#50

Toluene-d8

Concen: 52.944 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080834.D

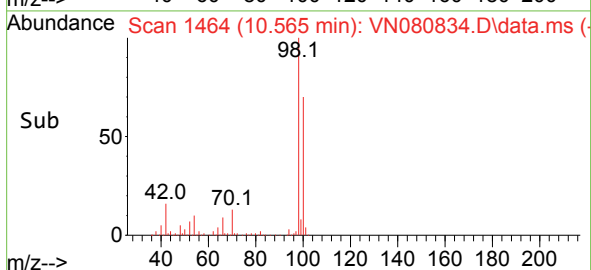
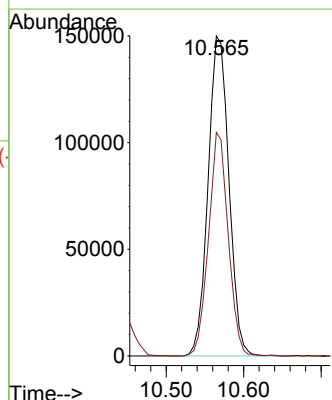
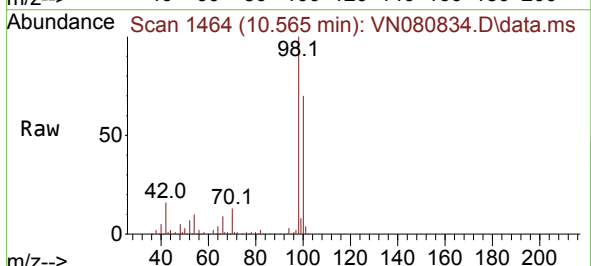
Acq: 31 Jan 2024 12:35

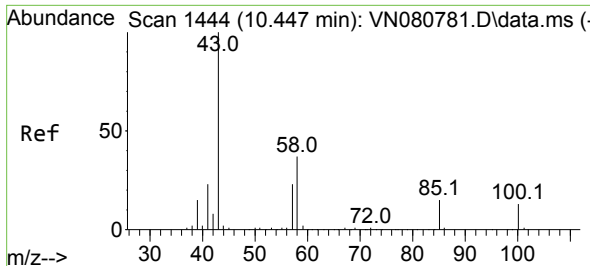
Tgt Ion: 98 Resp: 280135

Ion Ratio Lower Upper

98 100

100 66.1 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 105.579 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

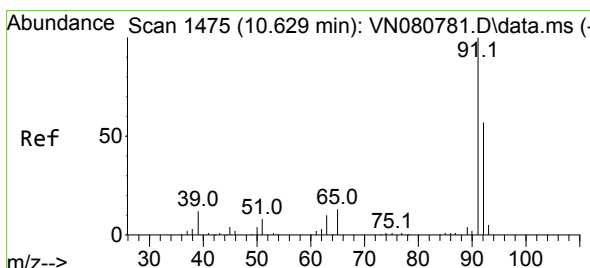
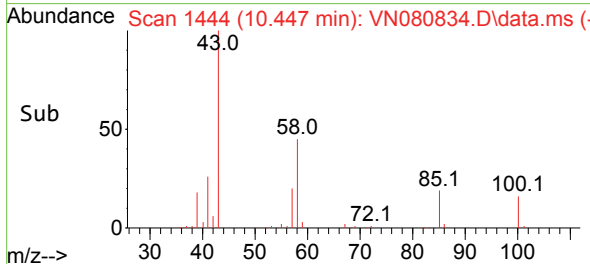
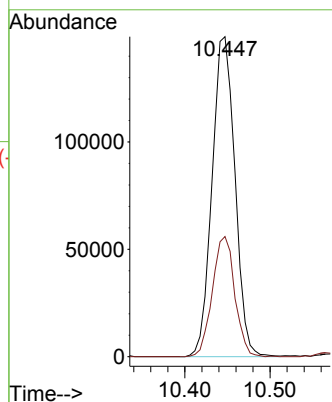
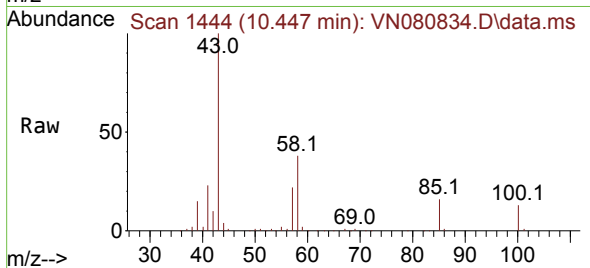
VN0131WBS01

Tgt Ion: 43 Resp: 277950

Ion Ratio Lower Upper

43 100

58 36.8 29.4 44.0



#52

Toluene

Concen: 21.113 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN080834.D

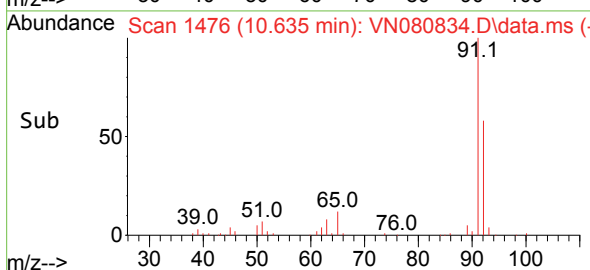
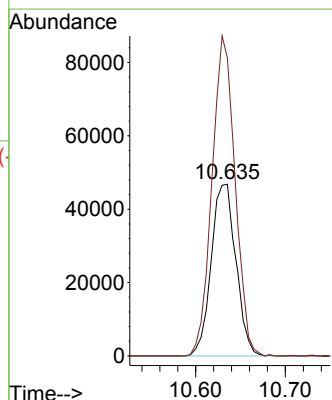
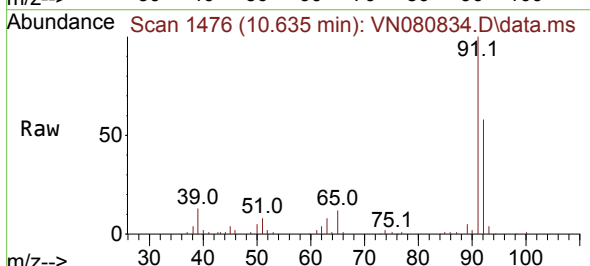
Acq: 31 Jan 2024 12:35

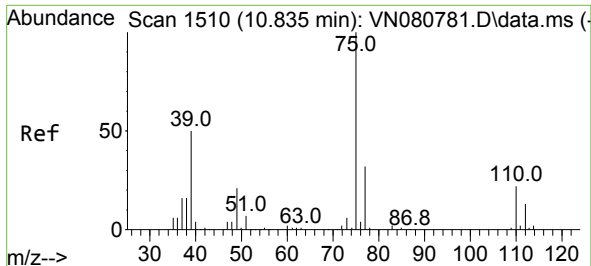
Tgt Ion: 92 Resp: 89397

Ion Ratio Lower Upper

92 100

91 174.5 139.4 209.0

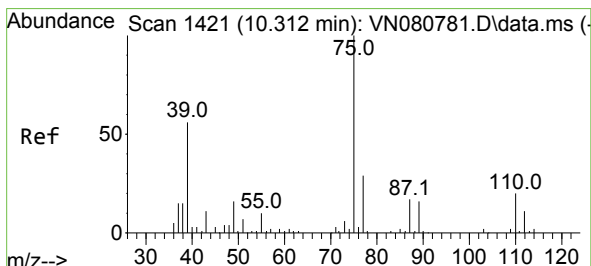
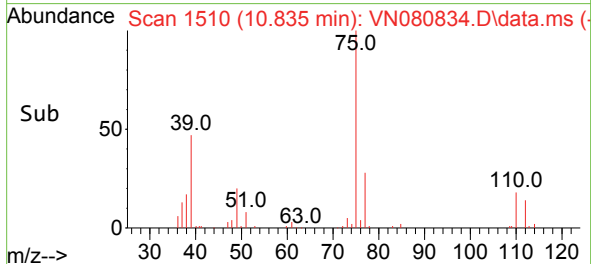
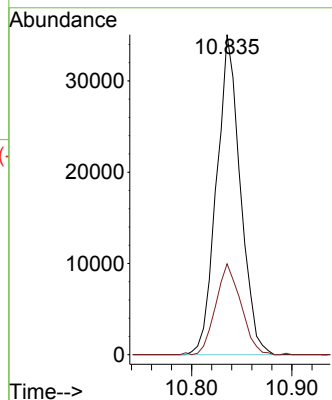
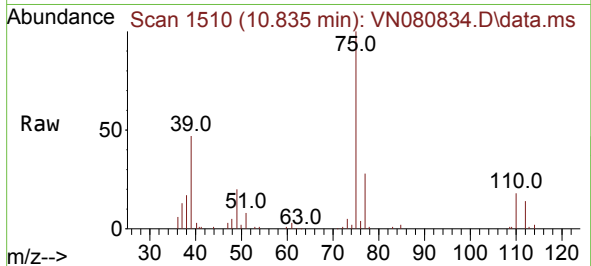




#53
 t-1,3-Dichloropropene
 Concen: 20.507 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080834.D
 Acq: 31 Jan 2024 12:35

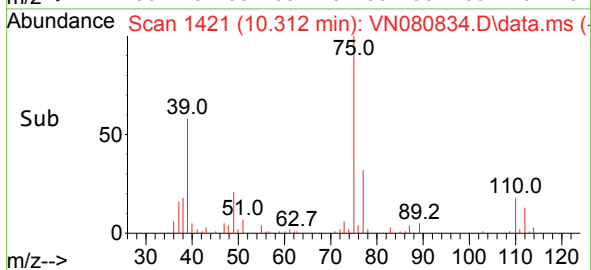
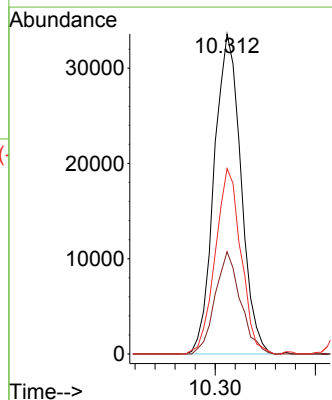
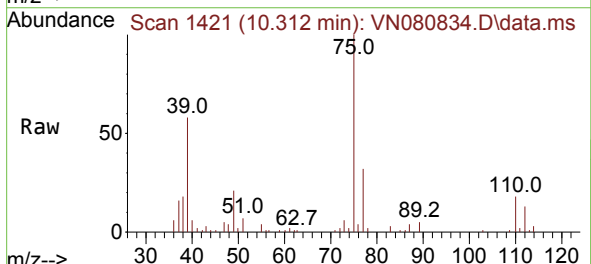
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

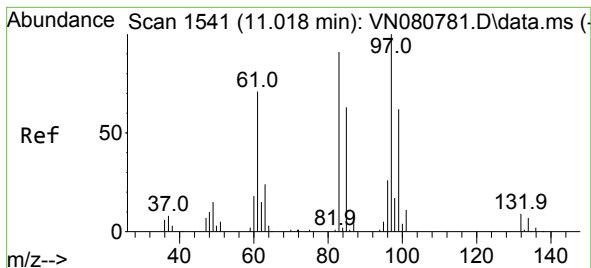
Tgt Ion: 75 Resp: 57463
 Ion Ratio Lower Upper
 75 100
 77 28.4 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.415 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080834.D
 Acq: 31 Jan 2024 12:35

Tgt Ion: 75 Resp: 62206
 Ion Ratio Lower Upper
 75 100
 77 31.9 23.3 34.9
 39 58.0 44.6 66.8

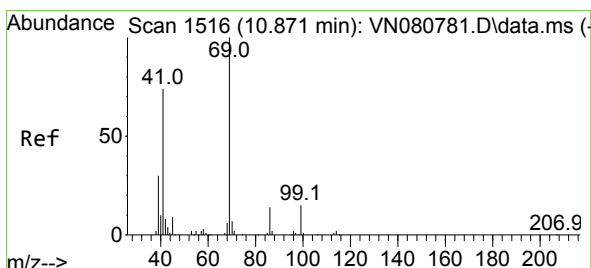
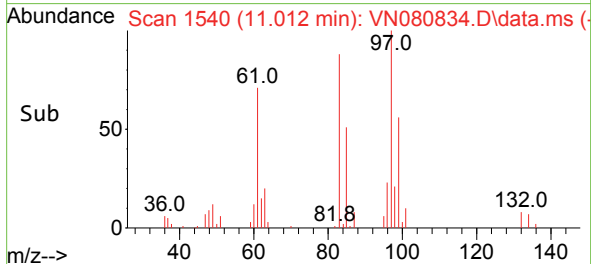
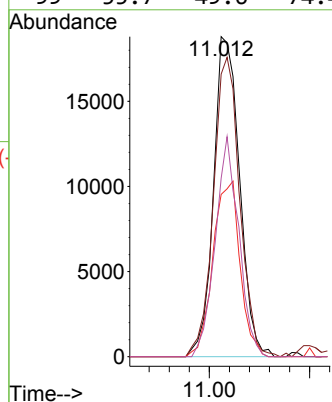
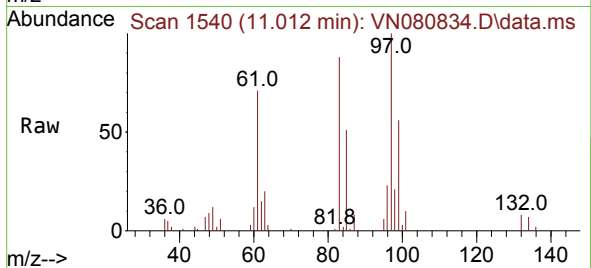




#55
1,1,2-Trichloroethane
Concen: 20.835 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

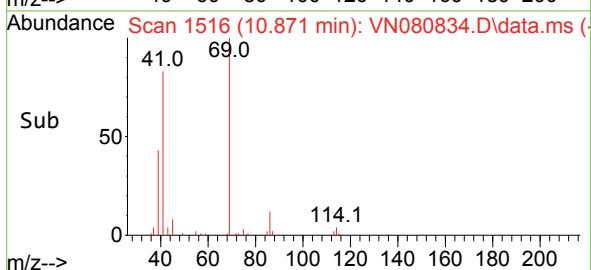
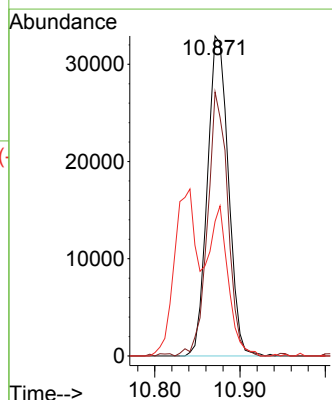
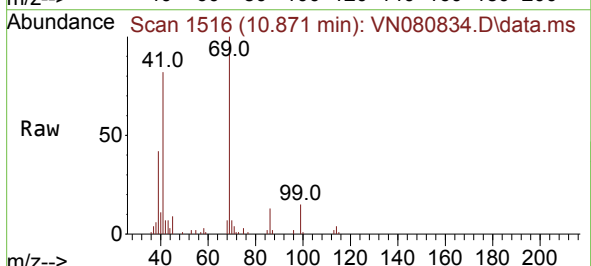
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

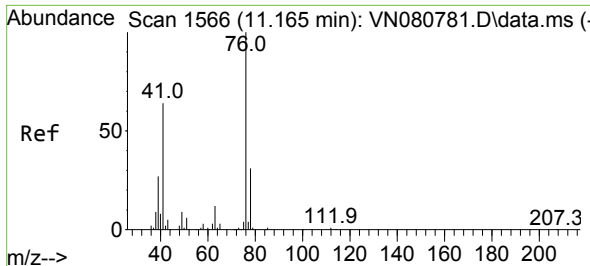
Tgt Ion:	97	Resp:	33904
Ion	Ratio	Lower	Upper
97	100		
83	88.3	72.9	109.3
85	50.7	50.2	75.2
99	55.7	49.6	74.4



#56
Ethyl methacrylate
Concen: 22.502 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion:	69	Resp:	56291
Ion	Ratio	Lower	Upper
69	100		
41	79.5	61.0	91.6
39	39.7	31.8	47.6

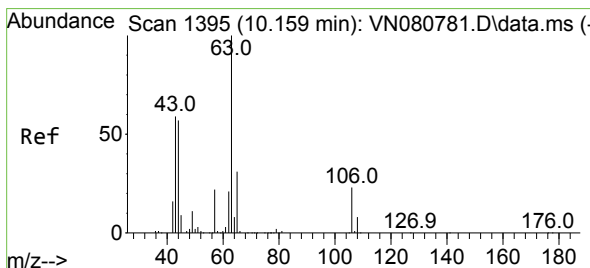
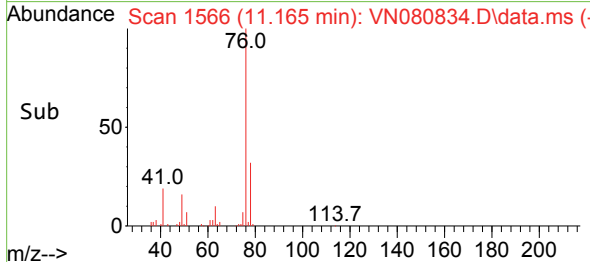
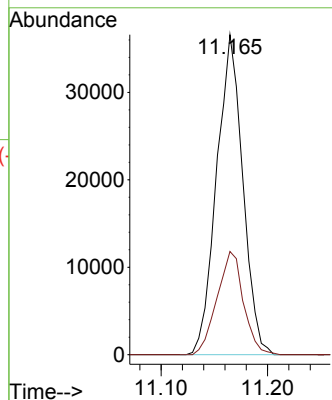
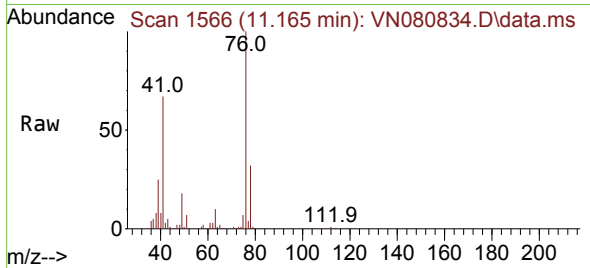




#57
1,3-Dichloropropane
Concen: 20.388 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

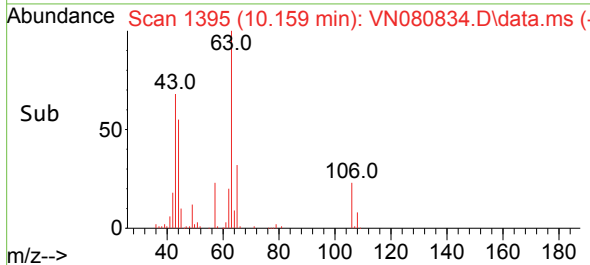
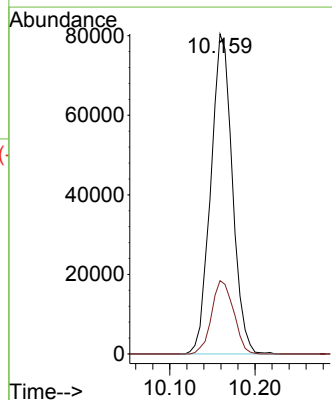
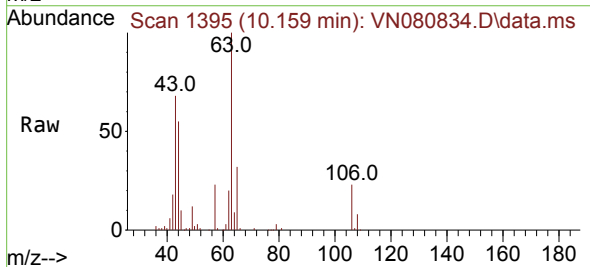
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

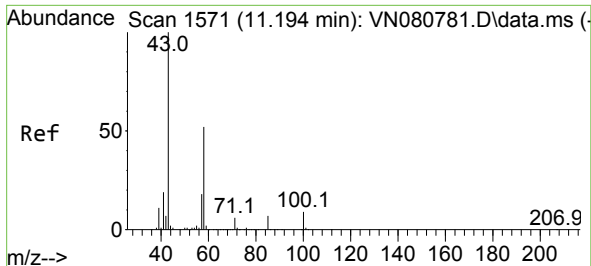
Tgt Ion: 76 Resp: 62439
Ion Ratio Lower Upper
76 100
78 32.5 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 96.998 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion: 63 Resp: 141454
Ion Ratio Lower Upper
63 100
106 23.4 18.6 28.0

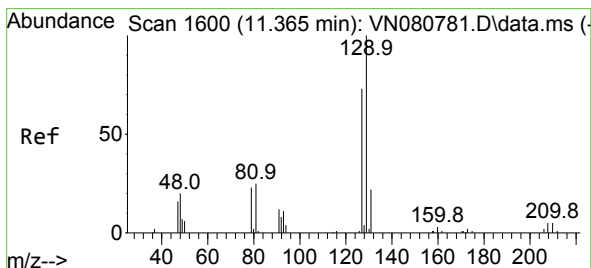
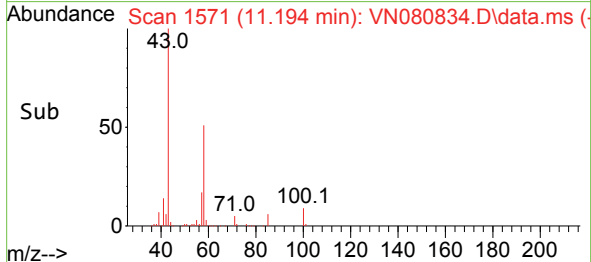
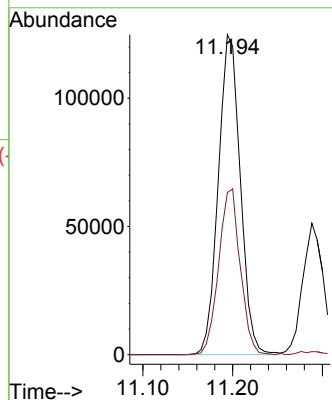
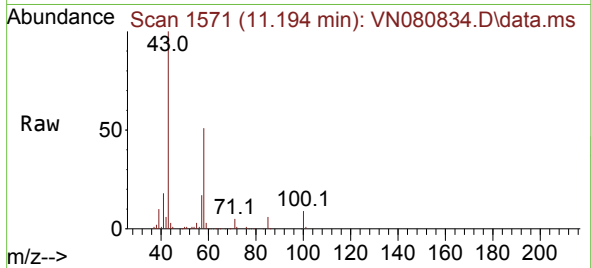




#59
2-Hexanone
Concen: 103.877 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

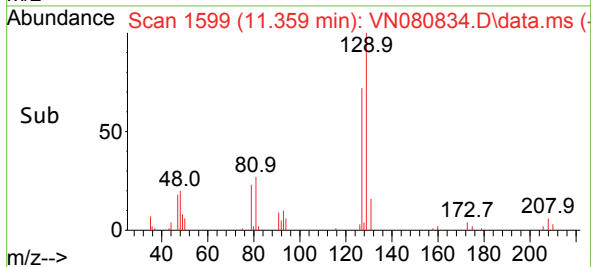
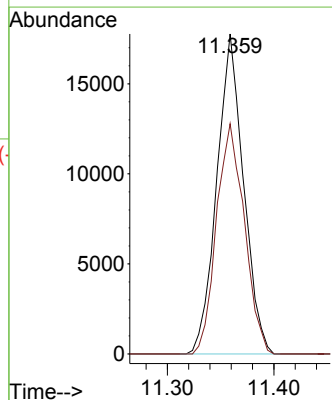
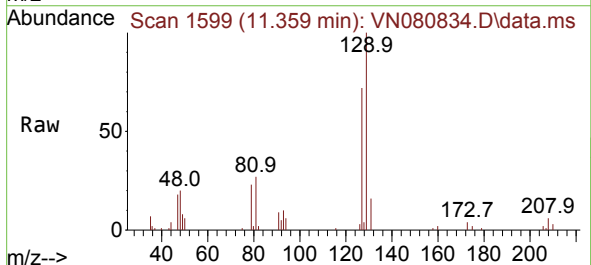
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

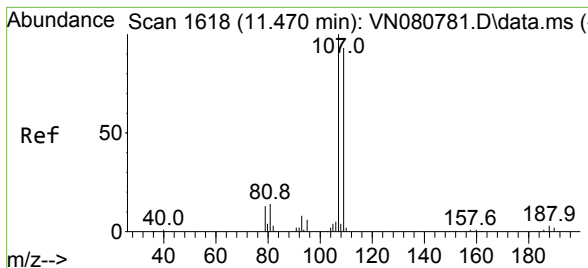
Tgt Ion: 43 Resp: 212422
Ion Ratio Lower Upper
43 100
58 50.8 25.9 77.8



#60
Dibromochloromethane
Concen: 20.444 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion:129 Resp: 30945
Ion Ratio Lower Upper
129 100
127 75.1 39.4 118.2

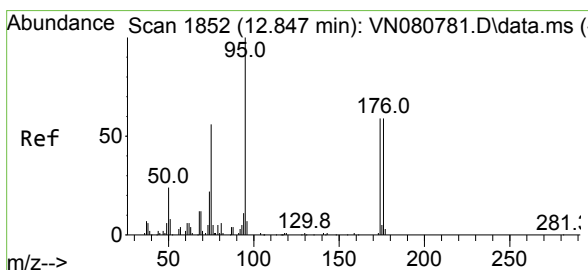
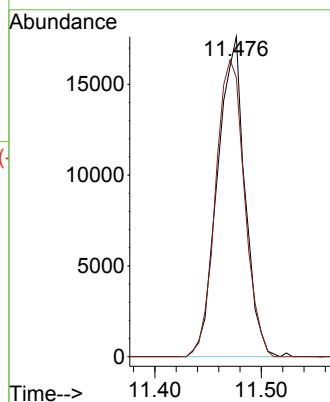
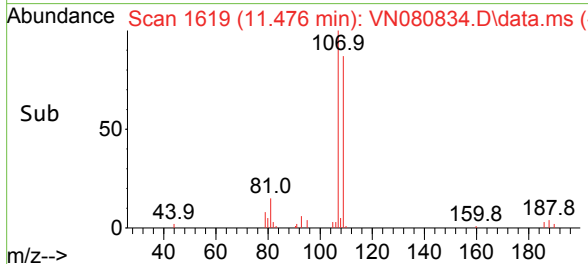
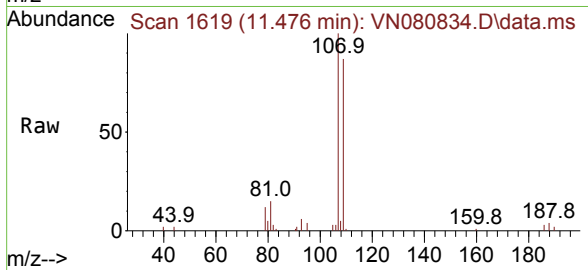




#61
1,2-Dibromoethane
Concen: 20.537 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

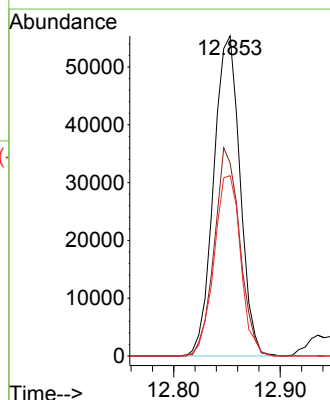
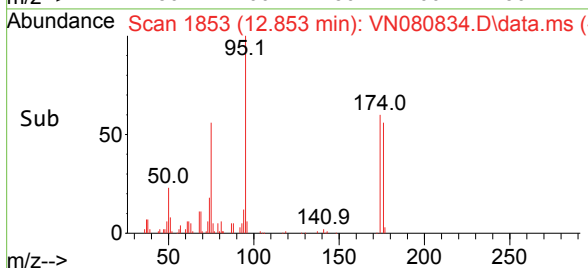
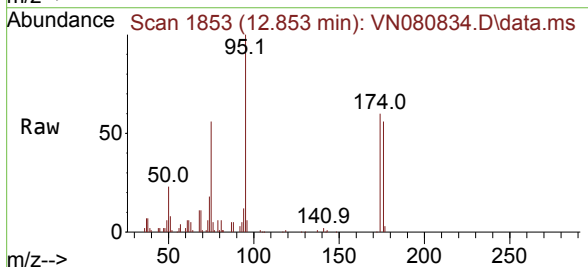
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

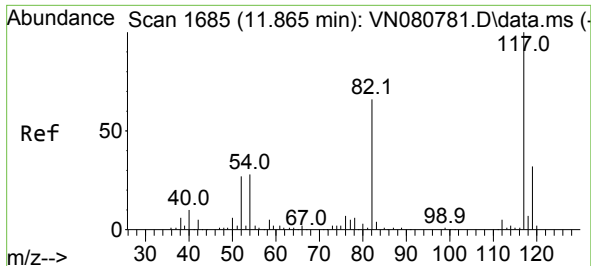
Tgt Ion:107 Resp: 31321
Ion Ratio Lower Upper
107 100
109 98.6 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 51.436 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion: 95 Resp: 94838
Ion Ratio Lower Upper
95 100
174 63.1 0.0 120.4
176 56.9 0.0 121.0

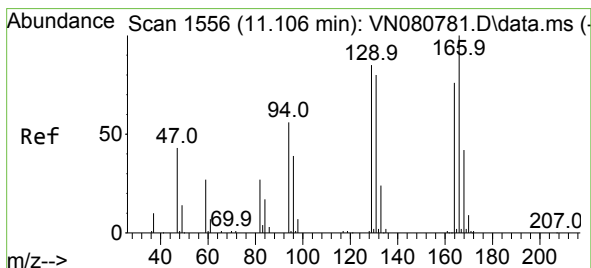
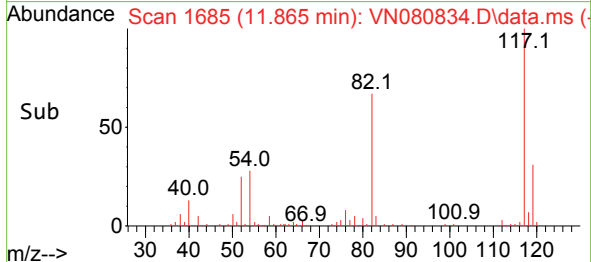
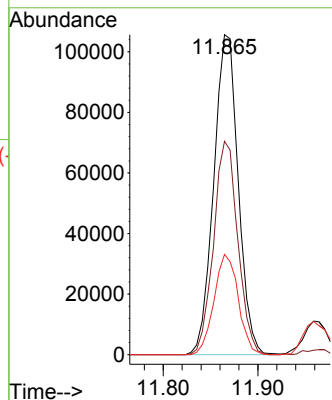
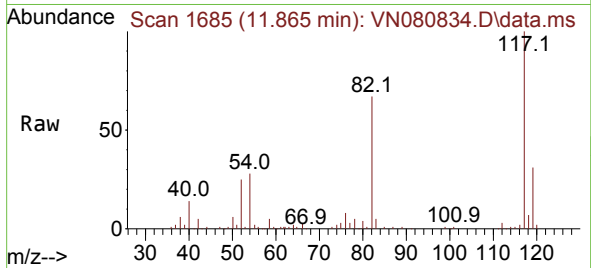




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

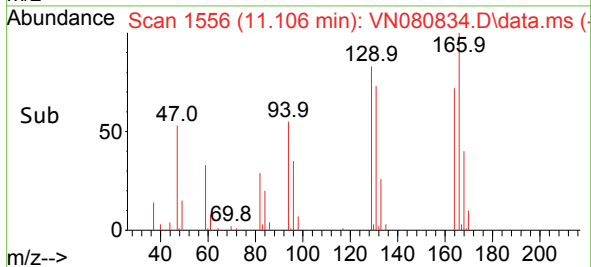
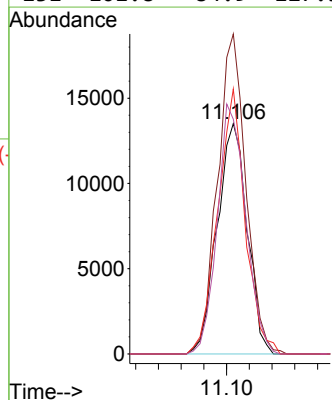
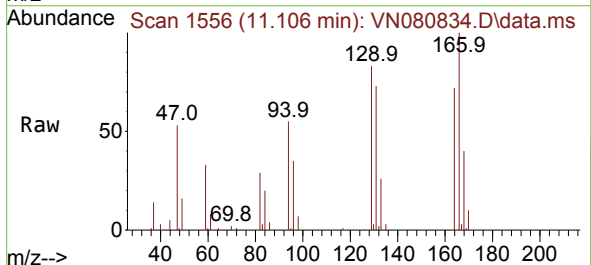
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

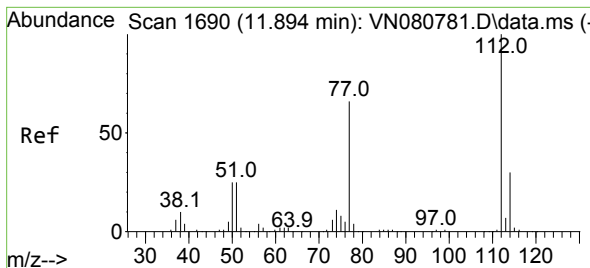
Tgt Ion:117 Resp: 190064
Ion Ratio Lower Upper
117 100
82 66.7 52.7 79.1
119 31.4 25.3 37.9



#64
Tetrachloroethene
Concen: 19.787 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion:164 Resp: 24719
Ion Ratio Lower Upper
164 100
166 138.9 105.8 158.6
129 115.0 89.6 134.4
131 101.8 84.9 127.3

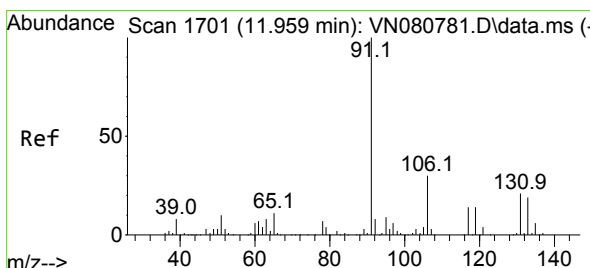
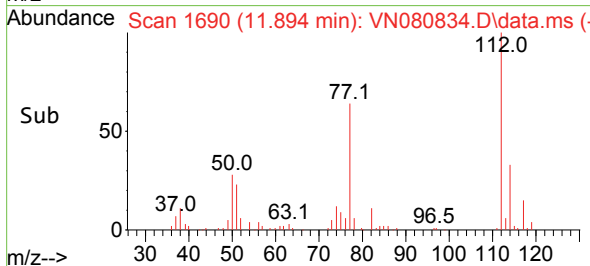
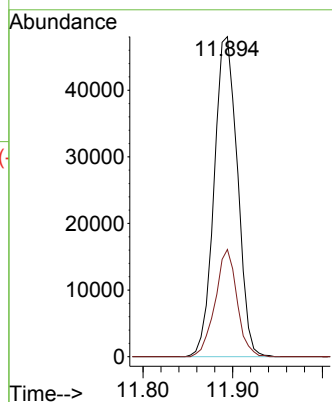
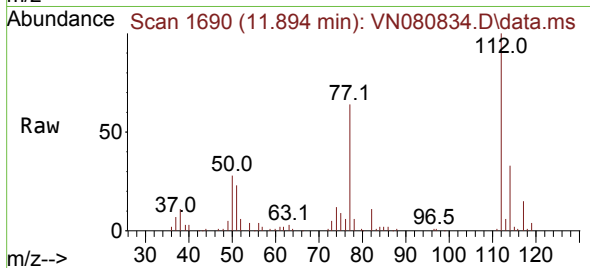




#65
Chlorobenzene
Concen: 20.883 ug/l
RT: 11.894 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

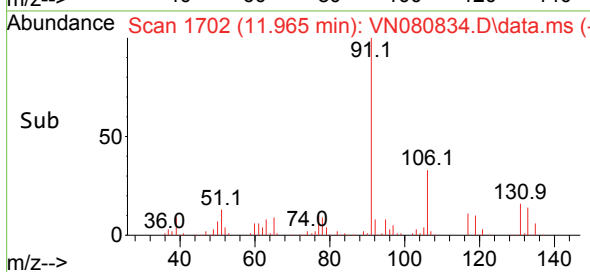
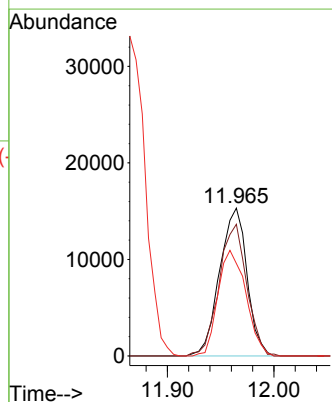
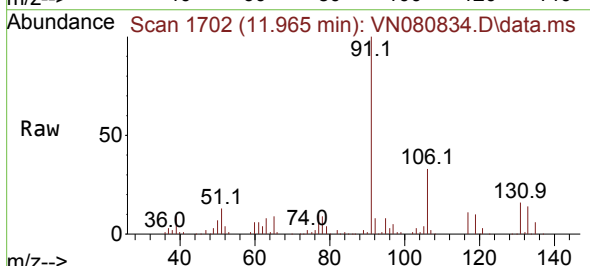
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

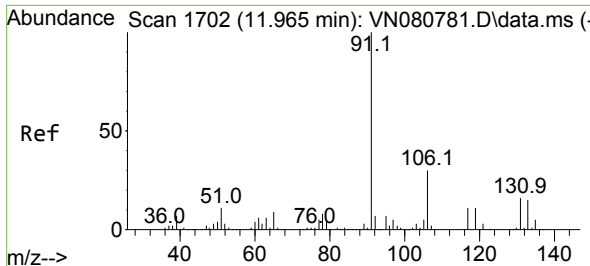
Tgt Ion:112 Resp: 86624
Ion Ratio Lower Upper
112 100
114 33.5 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.277 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion:131 Resp: 27352
Ion Ratio Lower Upper
131 100
133 90.2 46.8 140.3
119 72.9 34.6 103.9

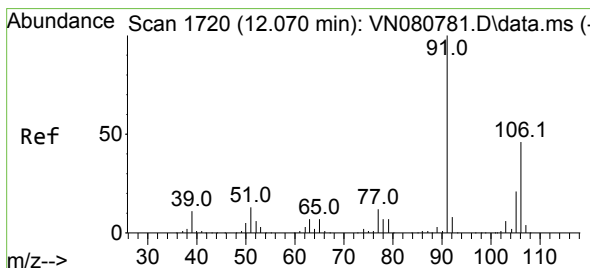
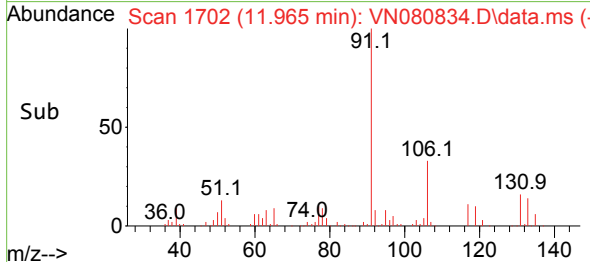
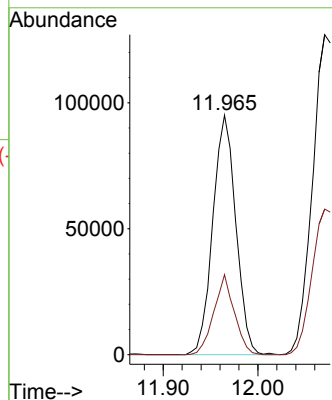
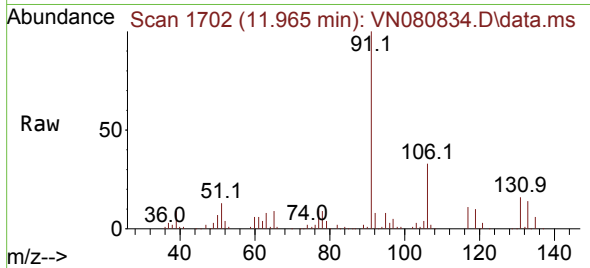




#67
Ethyl Benzene
Concen: 20.862 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

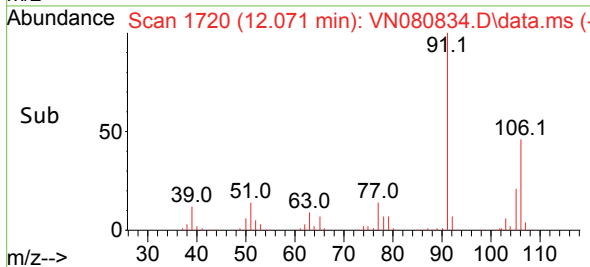
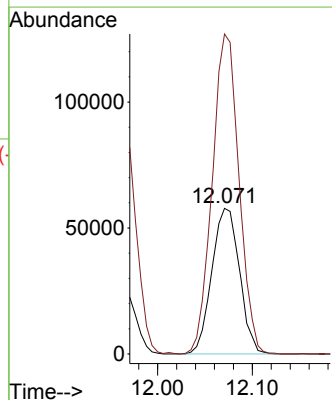
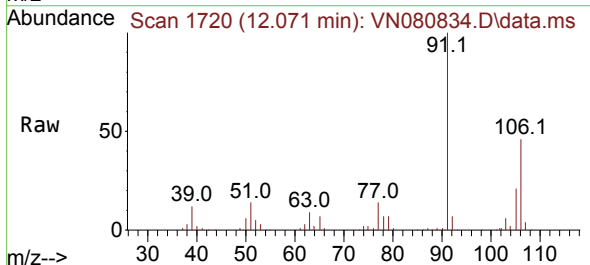
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

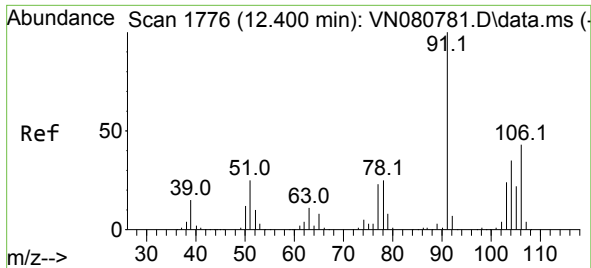
Tgt Ion: 91 Resp: 160841
Ion Ratio Lower Upper
91 100
106 33.4 23.8 35.6



#68
m/p-Xylenes
Concen: 42.842 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion: 106 Resp: 117302
Ion Ratio Lower Upper
106 100
91 212.7 169.0 253.6

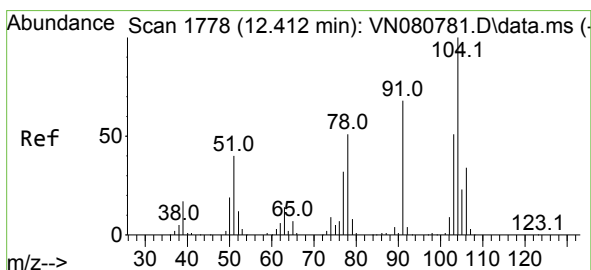
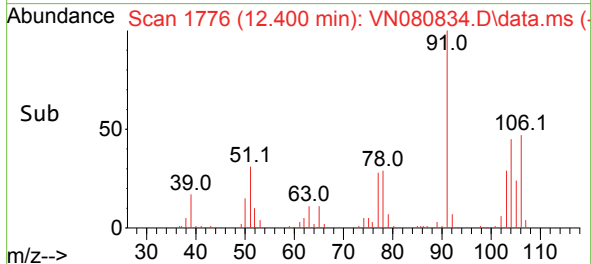
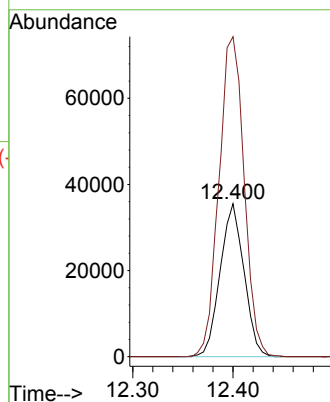
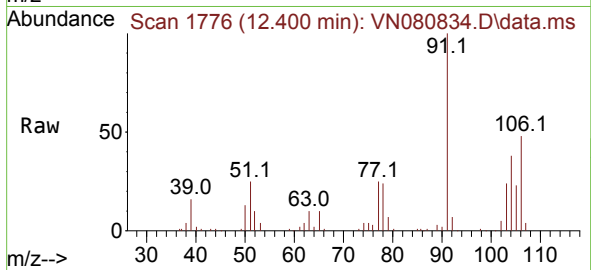




#69
o-Xylene
Concen: 21.572 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

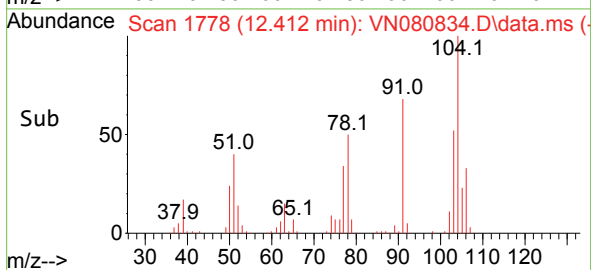
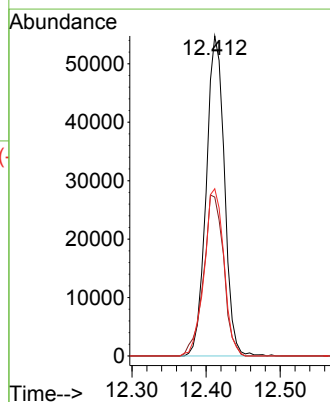
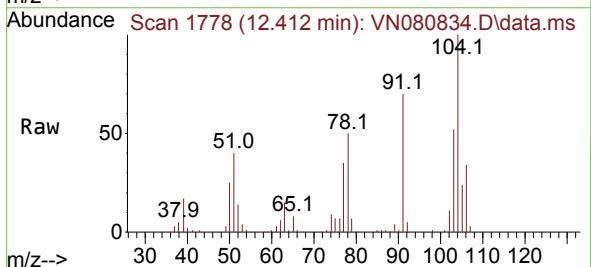
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

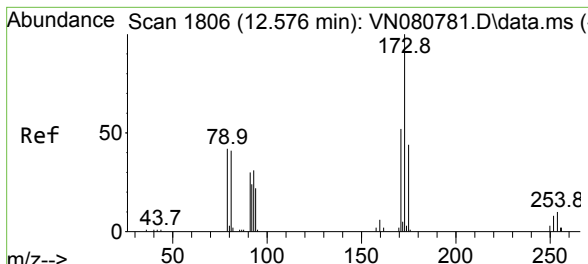
Tgt Ion:106 Resp: 58690
Ion Ratio Lower Upper
106 100
91 220.8 112.1 336.3



#70
Styrene
Concen: 21.375 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion:104 Resp: 93397
Ion Ratio Lower Upper
104 100
78 55.4 43.8 65.8
103 56.4 44.2 66.2

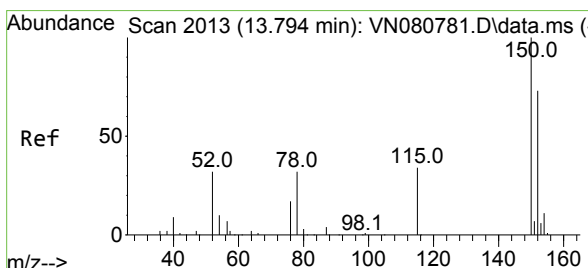
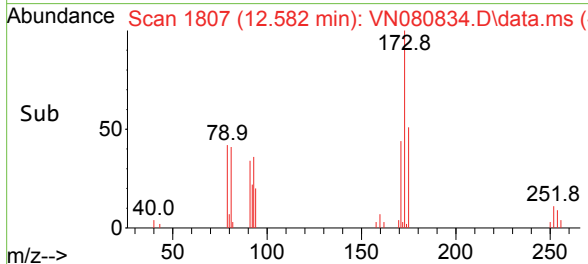
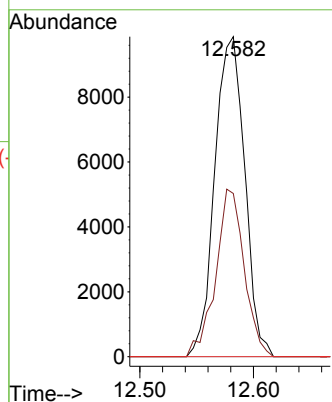
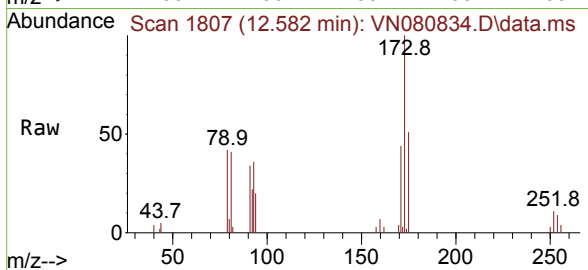




#71
Bromoform
Concen: 19.803 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

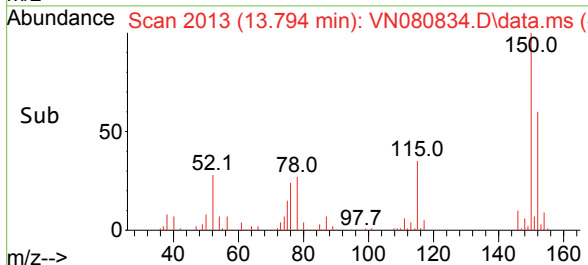
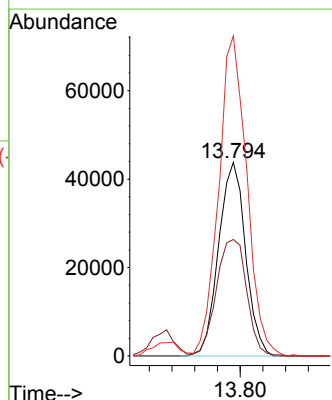
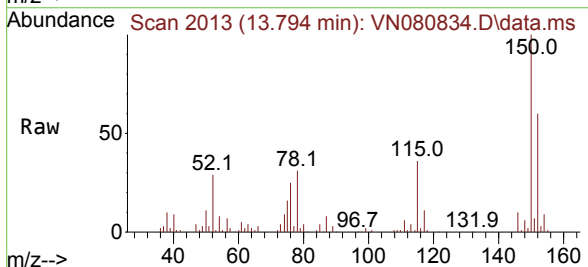
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

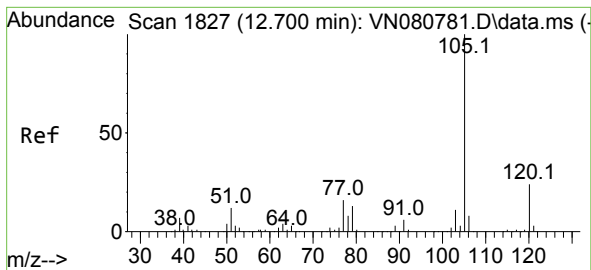
Tgt Ion:173 Resp: 18062
Ion Ratio Lower Upper
173 100
175 49.8 23.1 69.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion:152 Resp: 72079
Ion Ratio Lower Upper
152 100
115 67.7 32.3 96.8
150 172.5 0.0 339.8





#73

Isopropylbenzene

Concen: 20.713 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

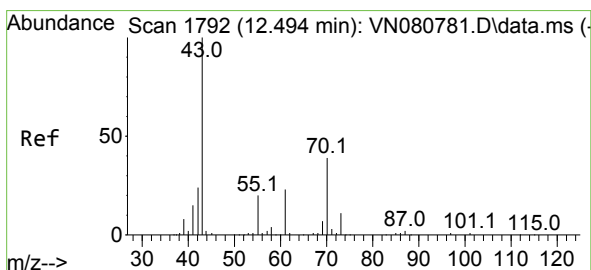
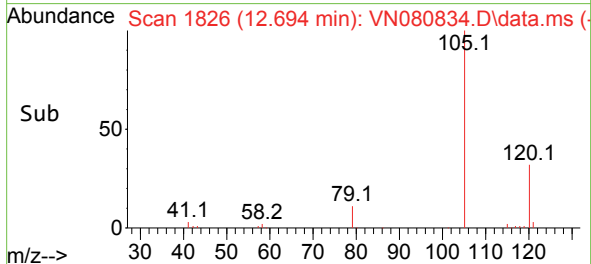
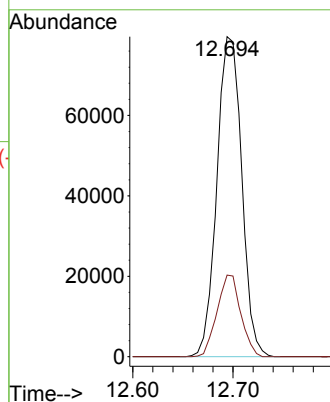
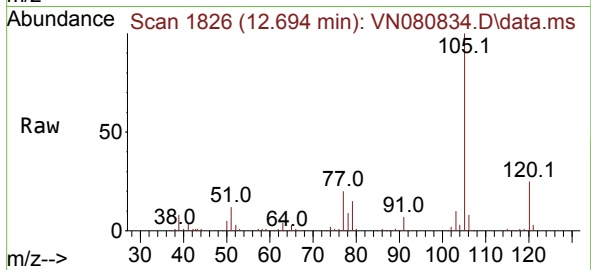
VN0131WBS01

Tgt Ion:105 Resp: 136721

Ion Ratio Lower Upper

105 100

120 24.3 12.6 37.6



#74

N-ethyl acetate

Concen: 20.670 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

Tgt Ion: 43 Resp: 84707

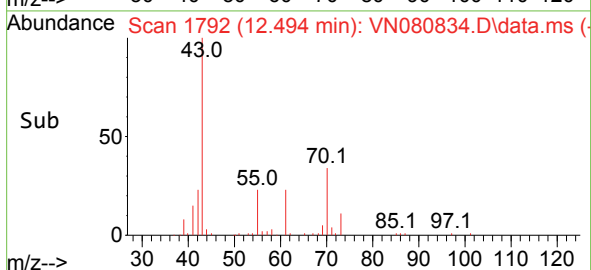
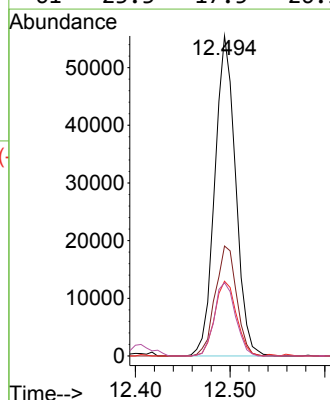
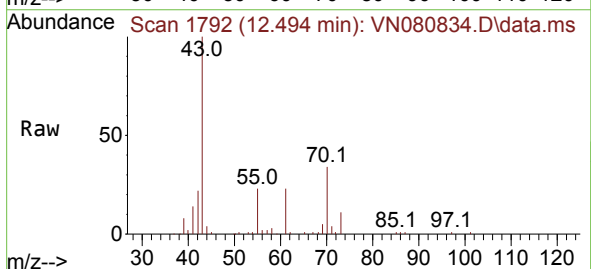
Ion Ratio Lower Upper

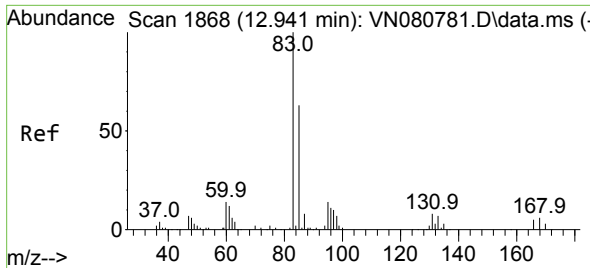
43 100

70 35.3 30.1 45.1

55 24.4 17.0 25.4

61 23.3 17.5 26.3

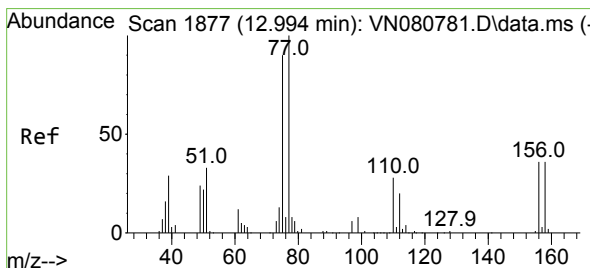
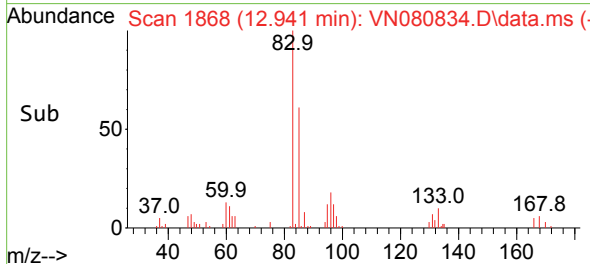
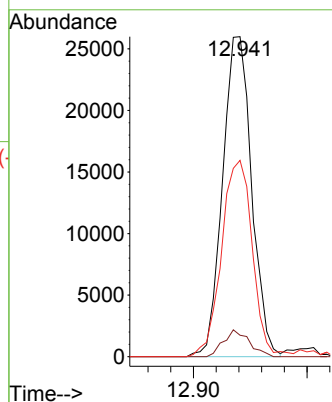
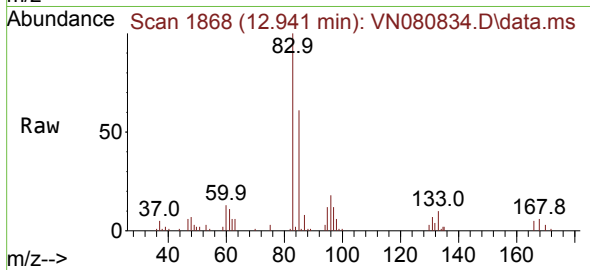




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.869 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN080834.D
 Acq: 31 Jan 2024 12:35

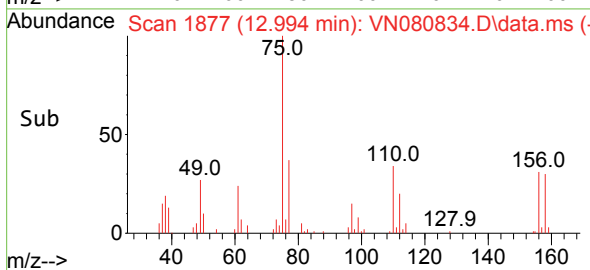
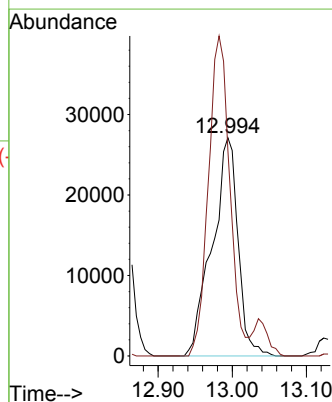
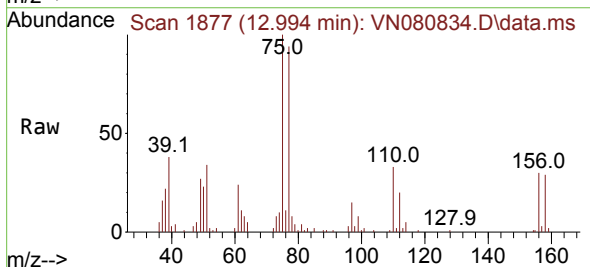
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

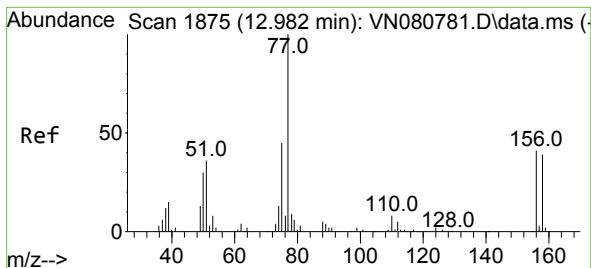
Tgt Ion: 83 Resp: 46132
 Ion Ratio Lower Upper
 83 100
 131 7.5 4.1 12.3
 85 65.1 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 30.134 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN080834.D
 Acq: 31 Jan 2024 12:35

Tgt Ion: 75 Resp: 65508
 Ion Ratio Lower Upper
 75 100
 77 120.9 91.0 272.8





#77

Bromobenzene

Concen: 19.381 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

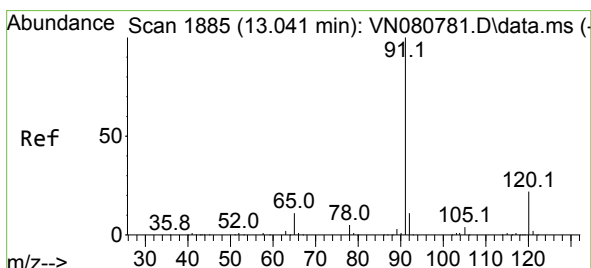
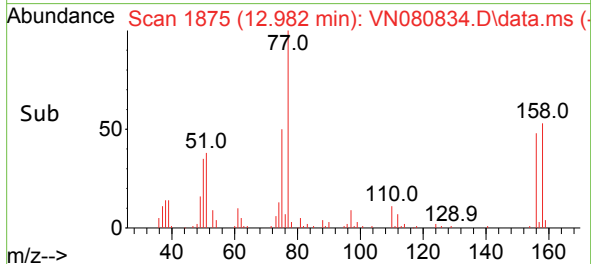
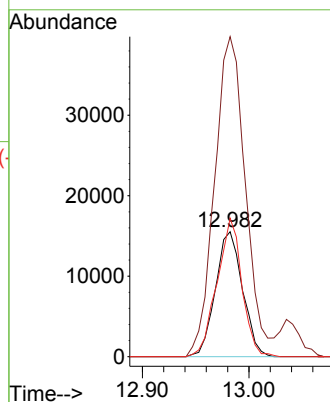
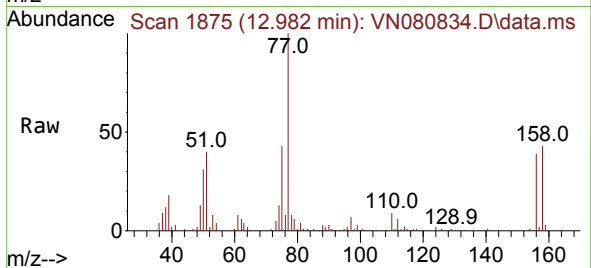
Tgt Ion:156 Resp: 27346

Ion Ratio Lower Upper

156 100

77 289.5 138.1 414.3

158 102.1 46.5 139.5



#78

n-propylbenzene

Concen: 21.099 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN080834.D

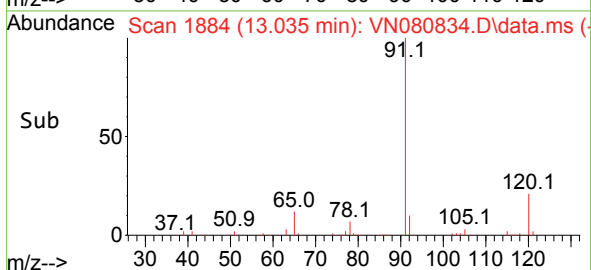
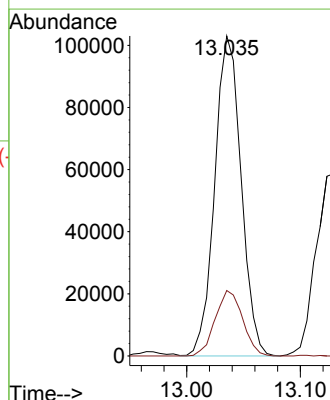
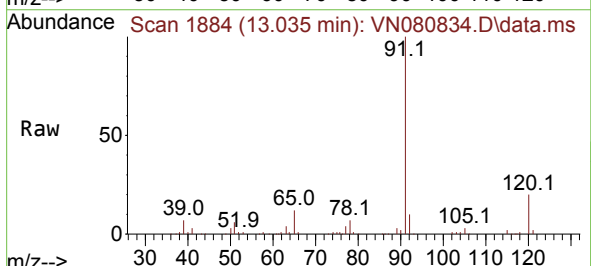
Acq: 31 Jan 2024 12:35

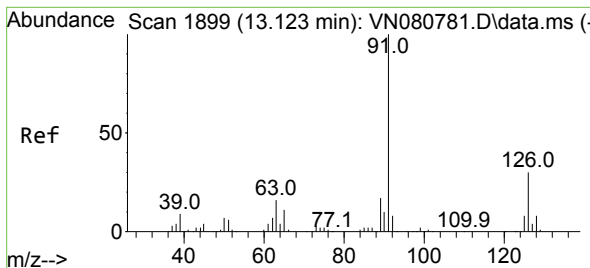
Tgt Ion: 91 Resp: 166375

Ion Ratio Lower Upper

91 100

120 21.2 10.3 30.9





#79

2-Chlorotoluene

Concen: 20.701 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

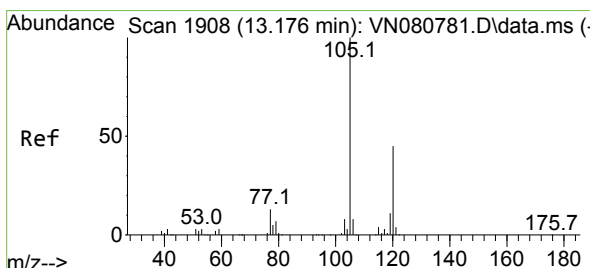
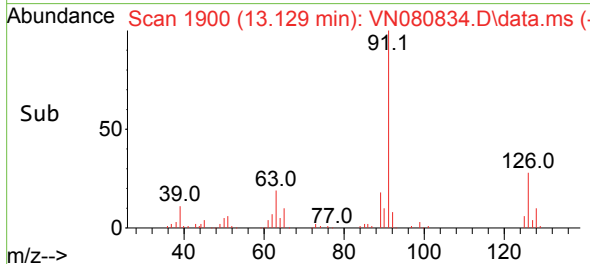
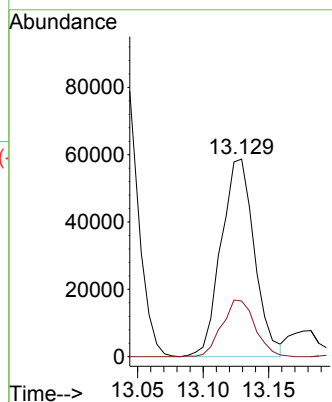
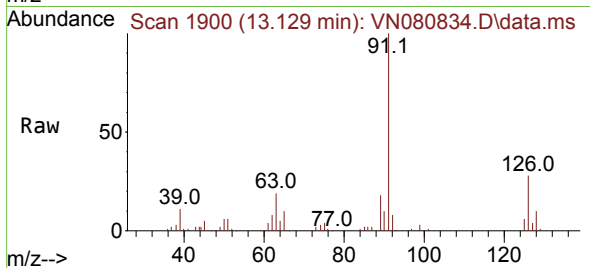
VN0131WBS01

Tgt Ion: 91 Resp: 103750

Ion Ratio Lower Upper

91 100

126 28.5 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 21.085 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080834.D

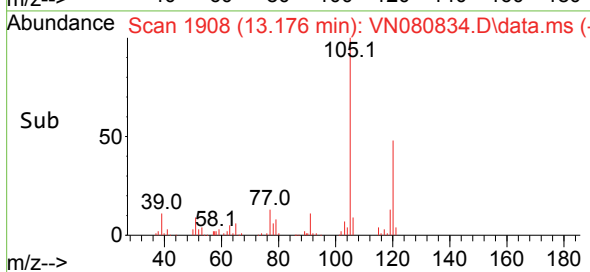
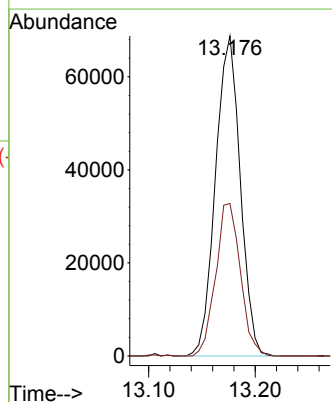
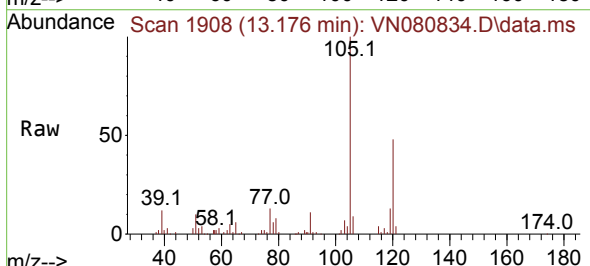
Acq: 31 Jan 2024 12:35

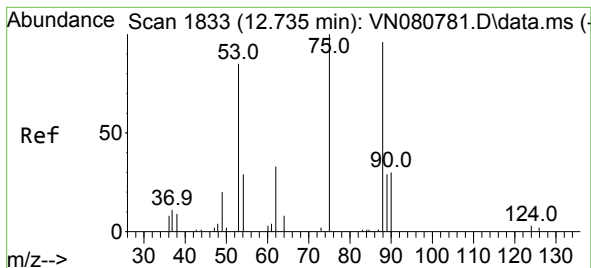
Tgt Ion:105 Resp: 110841

Ion Ratio Lower Upper

105 100

120 47.6 23.0 69.0

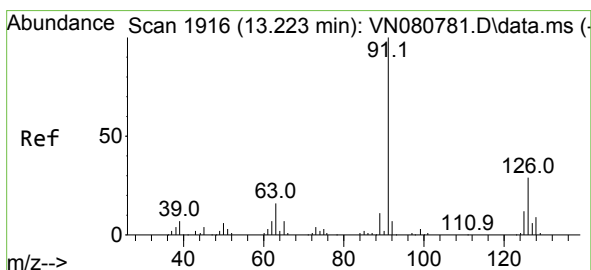
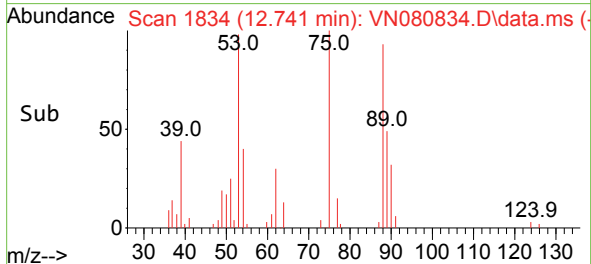
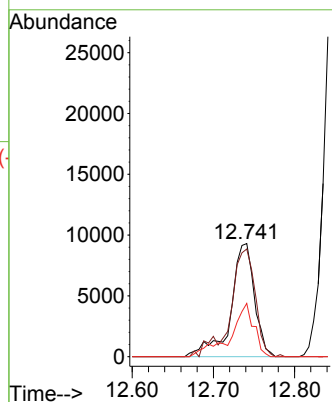
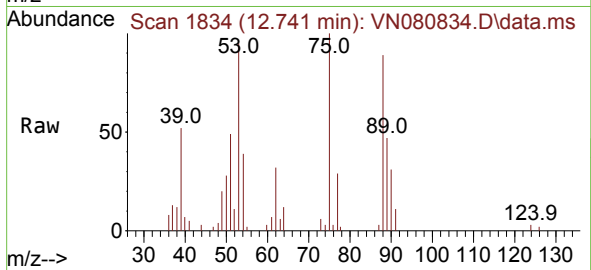




#81
trans-1,4-Dichloro-2-butene
Concen: 22.304 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

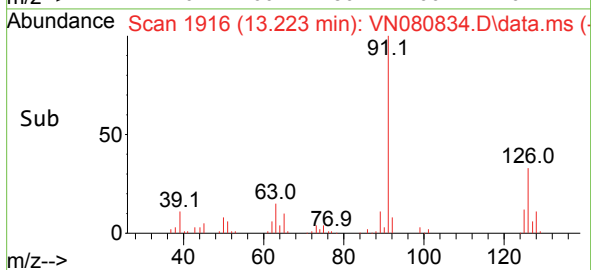
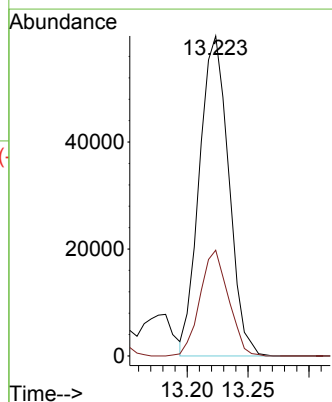
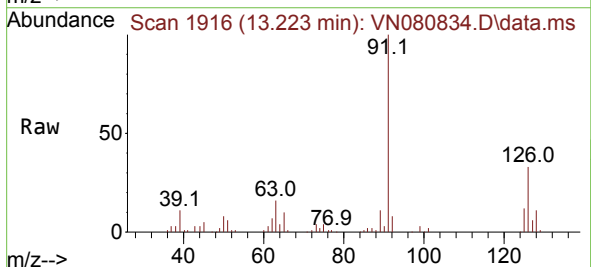
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

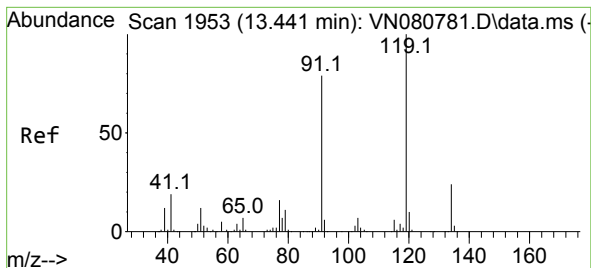
Tgt Ion: 75 Resp: 18821
Ion Ratio Lower Upper
75 100
53 99.6 71.4 107.2
89 46.8 33.4 50.0



#82
4-Chlorotoluene
Concen: 20.171 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080834.D
Acq: 31 Jan 2024 12:35

Tgt Ion: 91 Resp: 100104
Ion Ratio Lower Upper
91 100
126 32.1 15.3 45.9





#83

tert-Butylbenzene

Concen: 21.475 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

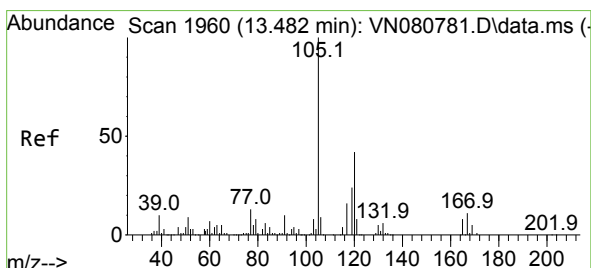
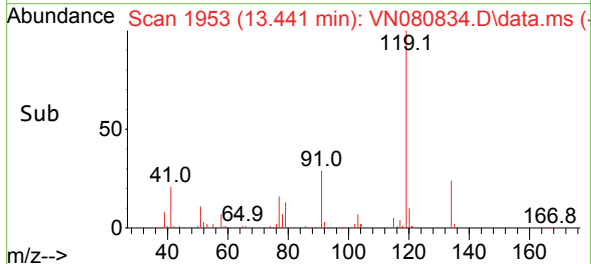
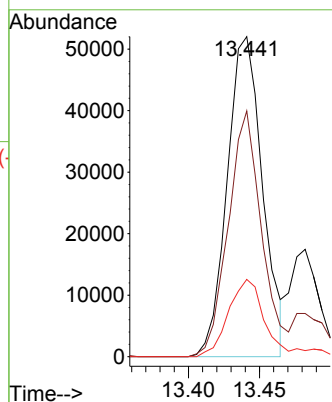
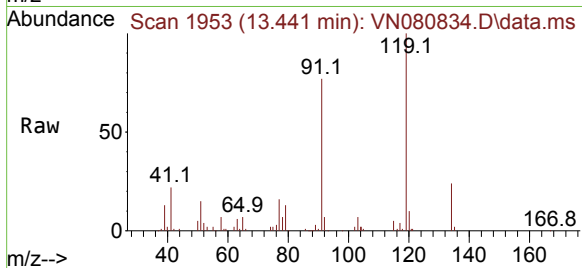
Tgt Ion:119 Resp: 90150

Ion Ratio Lower Upper

119 100

91 72.8 36.8 110.4

134 25.9 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 21.445 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080834.D

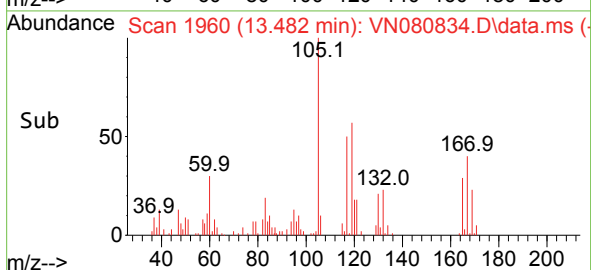
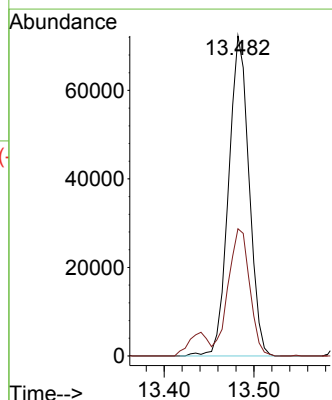
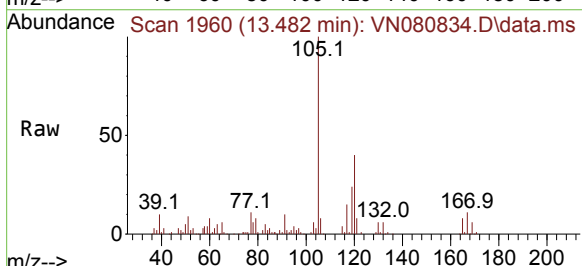
Acq: 31 Jan 2024 12:35

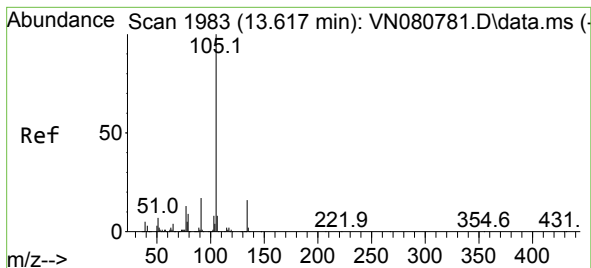
Tgt Ion:105 Resp: 114219

Ion Ratio Lower Upper

105 100

120 41.8 20.9 62.7





#85

sec-Butylbenzene

Concen: 20.516 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

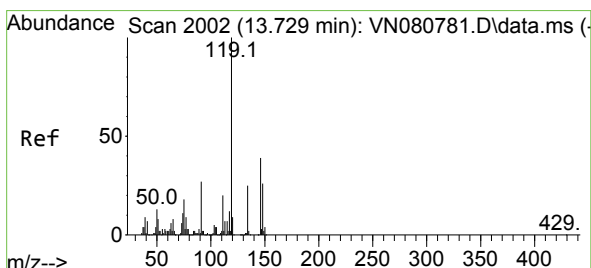
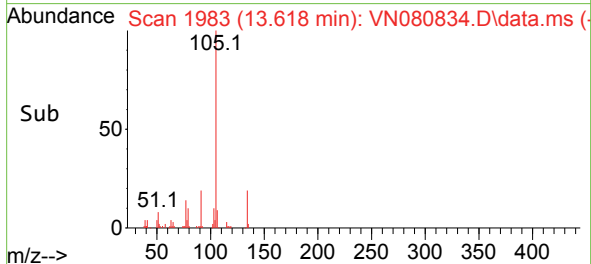
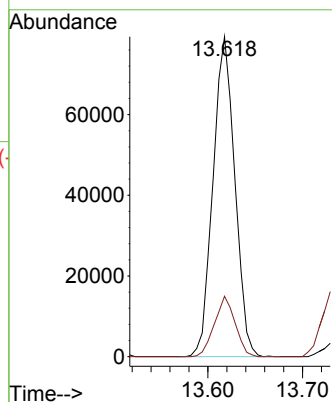
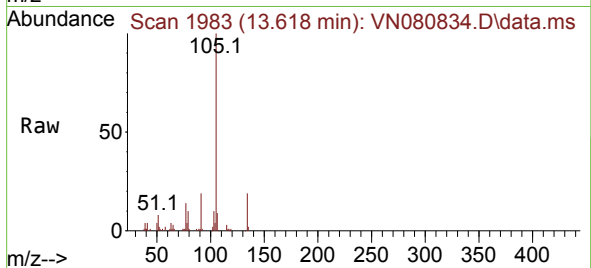
VN0131WBS01

Tgt Ion:105 Resp: 126973

Ion Ratio Lower Upper

105 100

134 17.9 8.6 25.8



#86

p-Isopropyltoluene

Concen: 20.906 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

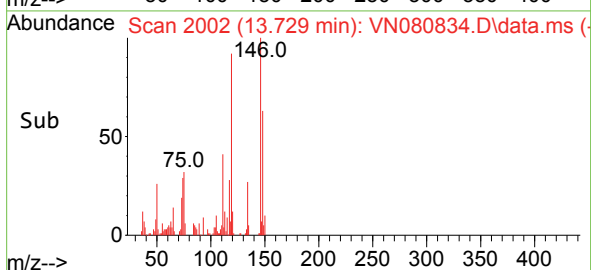
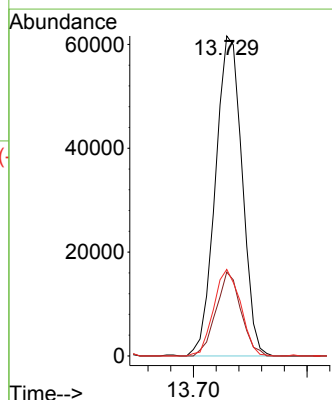
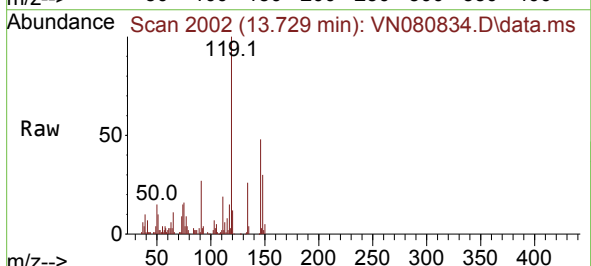
Tgt Ion:119 Resp: 100548

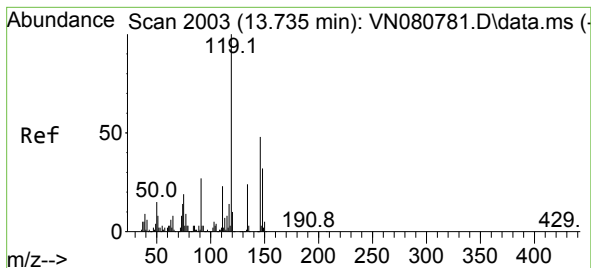
Ion Ratio Lower Upper

119 100

134 24.6 12.4 37.2

91 27.3 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 20.640 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

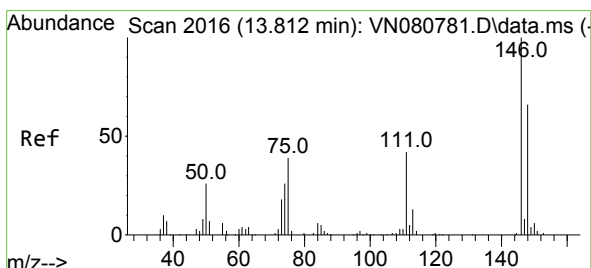
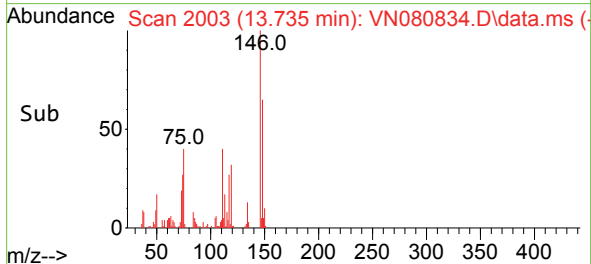
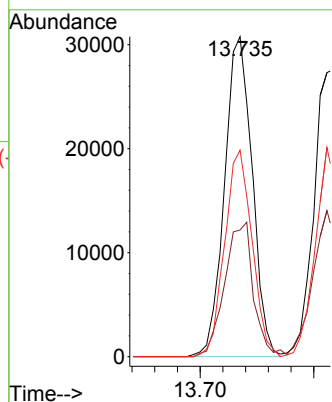
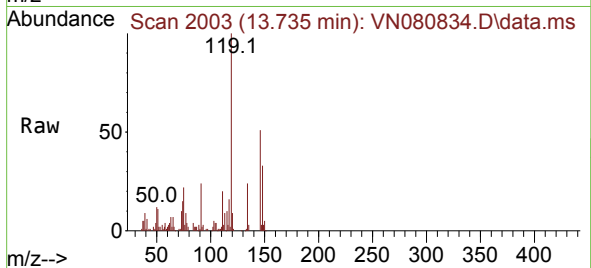
Tgt Ion:146 Resp: 52090

Ion Ratio Lower Upper

146 100

111 43.5 23.9 71.7

148 63.8 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 19.696 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

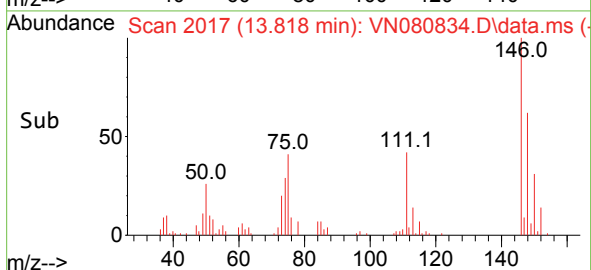
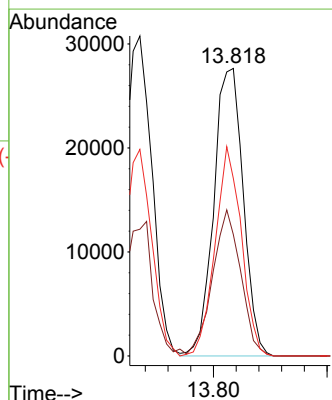
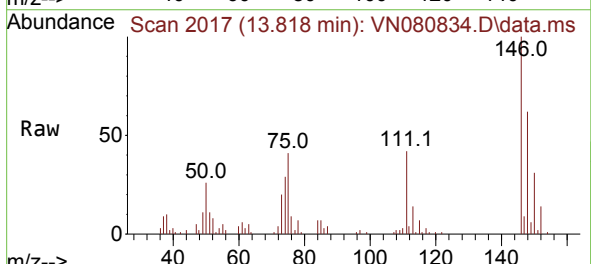
Tgt Ion:146 Resp: 49836

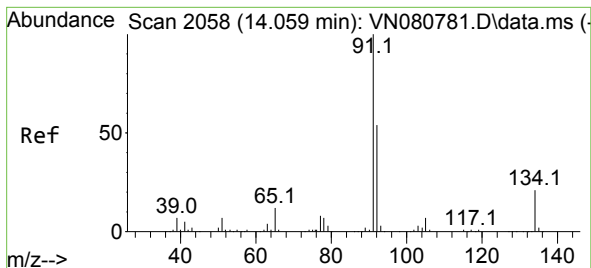
Ion Ratio Lower Upper

146 100

111 48.6 22.6 67.7

148 65.0 31.9 95.5





#89

n-Butylbenzene

Concen: 20.484 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

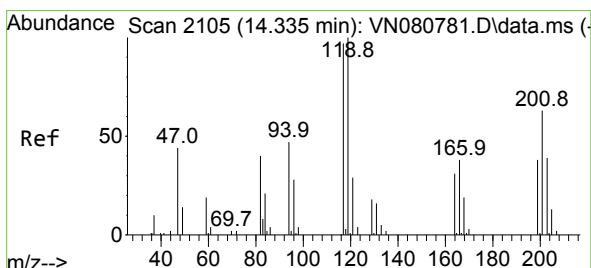
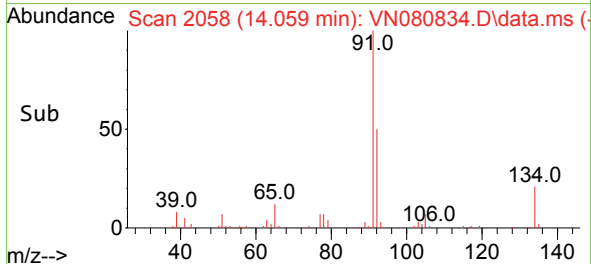
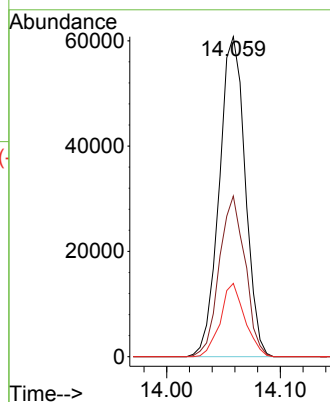
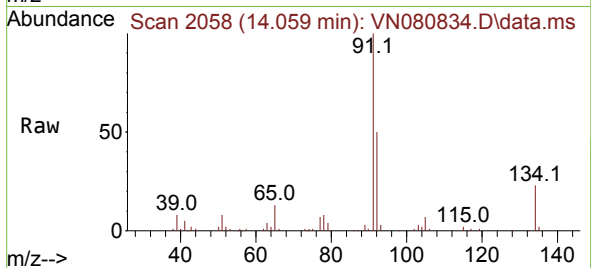
Tgt Ion: 91 Resp: 96409

Ion Ratio Lower Upper

91 100

92 50.0 26.7 80.1

134 21.6 10.8 32.4



#90

Hexachloroethane

Concen: 19.432 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080834.D

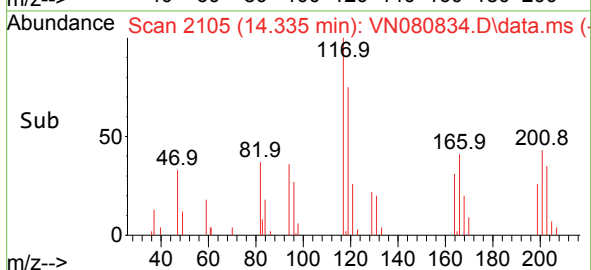
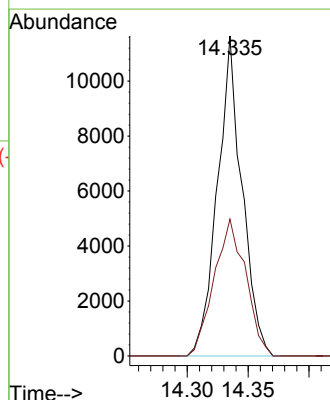
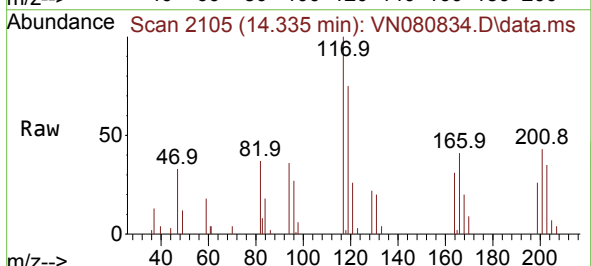
Acq: 31 Jan 2024 12:35

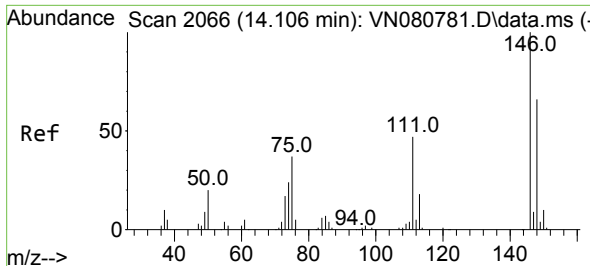
Tgt Ion: 117 Resp: 16353

Ion Ratio Lower Upper

117 100

201 54.9 30.0 90.0

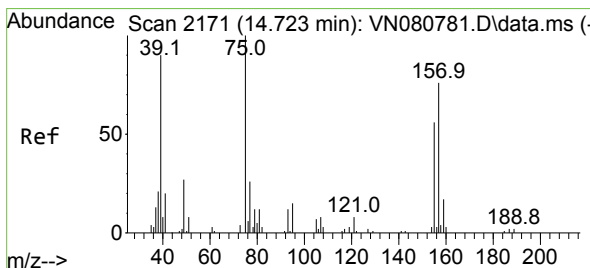
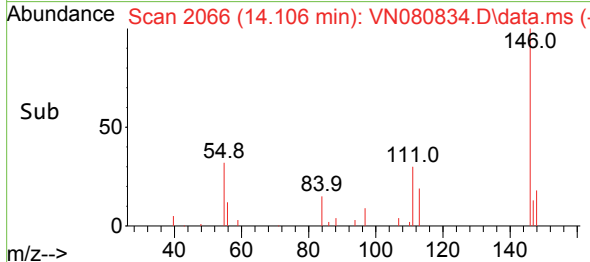
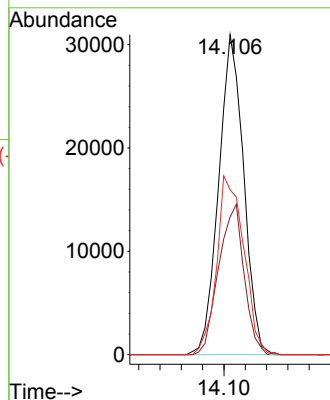
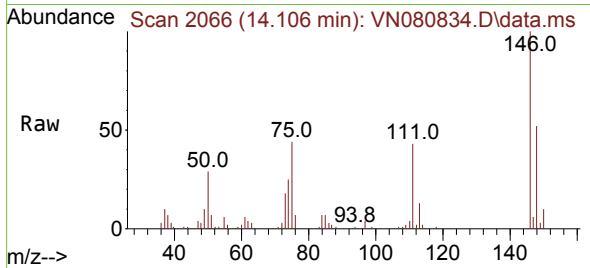




#91
 1,2-Dichlorobenzene
 Concen: 21.798 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN080834.D
 Acq: 31 Jan 2024 12:35

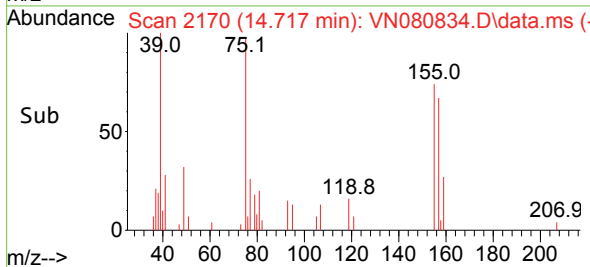
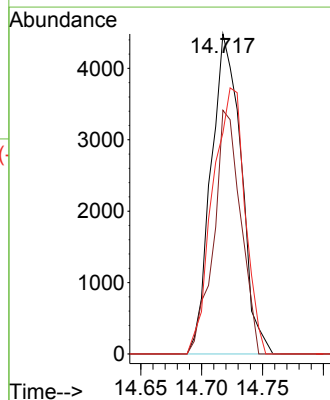
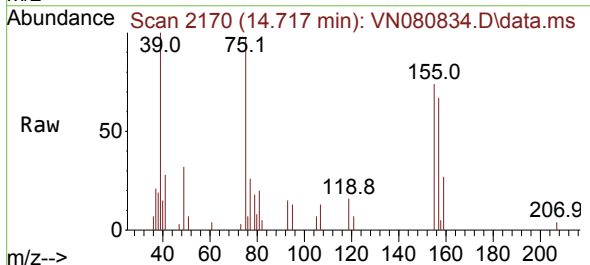
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

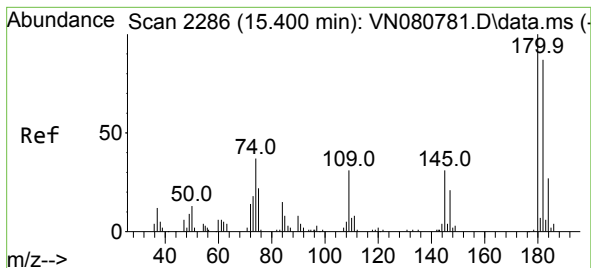
Tgt Ion:146 Resp: 50352
 Ion Ratio Lower Upper
 146 100
 111 47.9 23.9 71.8
 148 60.6 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.754 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN080834.D
 Acq: 31 Jan 2024 12:35

Tgt Ion: 75 Resp: 7705
 Ion Ratio Lower Upper
 75 100
 155 68.3 31.8 95.4
 157 89.2 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 19.045 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN080834.D

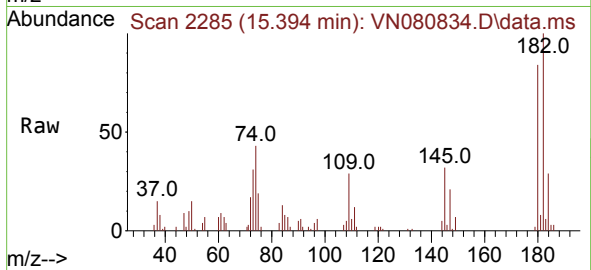
Acq: 31 Jan 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01



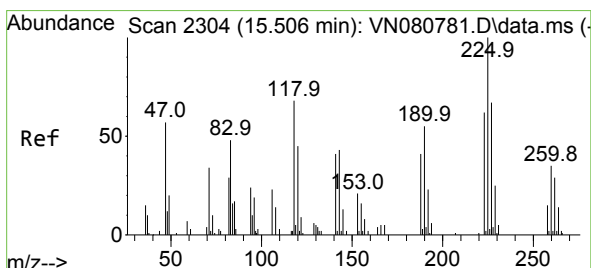
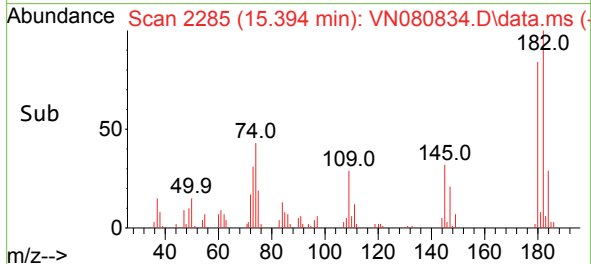
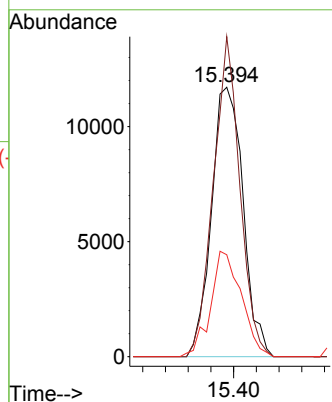
Tgt Ion:180 Resp: 22643

Ion Ratio Lower Upper

180 100

182 99.4 46.6 139.7

145 38.0 16.8 50.3



#94

Hexachlorobutadiene

Concen: 20.177 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

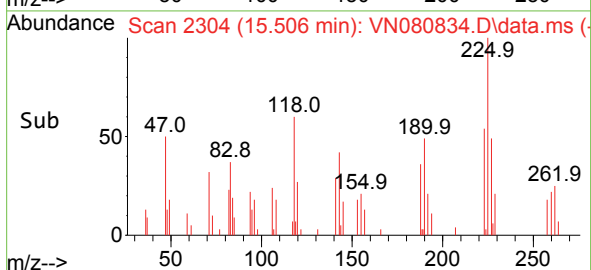
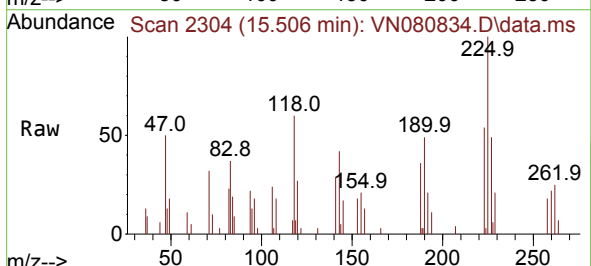
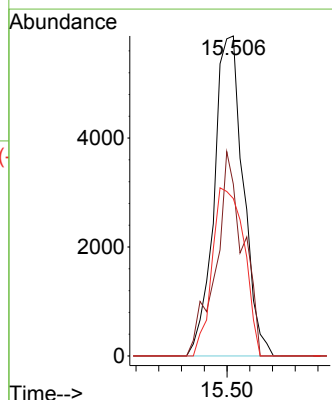
Tgt Ion:225 Resp: 10480

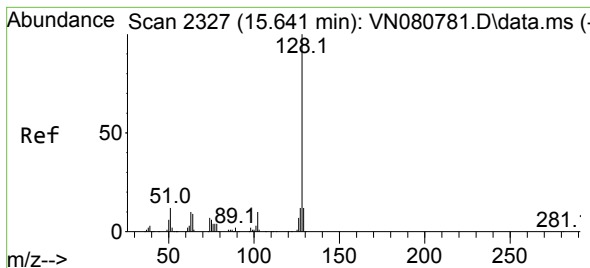
Ion Ratio Lower Upper

225 100

223 59.7 33.3 99.8

227 57.3 33.1 99.2





#95

Naphthalene

Concen: 19.160 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

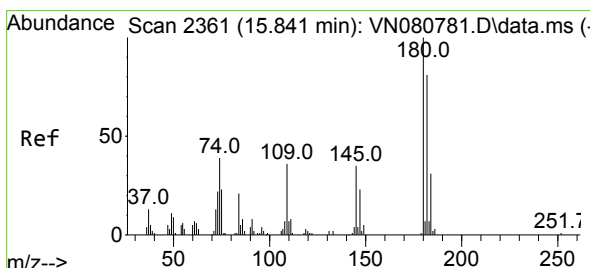
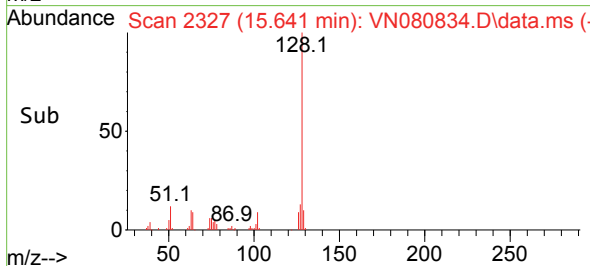
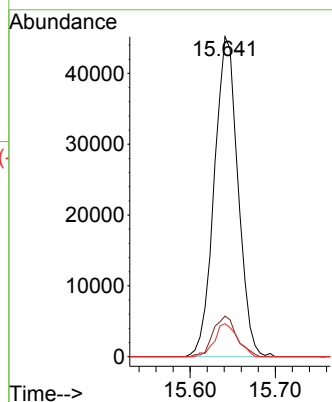
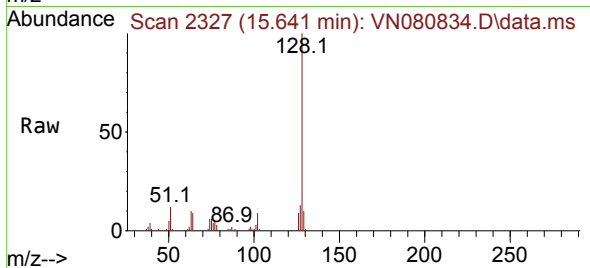
Tgt Ion:128 Resp: 87164

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 10.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.479 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080834.D

Acq: 31 Jan 2024 12:35

Tgt Ion:180 Resp: 22763

Ion Ratio Lower Upper

180 100

182 93.3 46.5 139.3

145 36.8 17.8 53.4

