

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031324\
 Data File : VN081390.D
 Acq On : 13 Mar 2024 12:50
 Operator : JC\MD
 Sample : VN0313WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBSD01

Quant Time: Mar 14 01:05:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	327113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	581539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	525035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236940	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	237695	50.256	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.520%	
35) Dibromofluoromethane	8.171	113	185107	51.954	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.900%	
50) Toluene-d8	10.571	98	667625	50.126	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.260%	
62) 4-Bromofluorobenzene	12.853	95	234591	49.834	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 99.660%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	82227	18.963	ug/l	99
3) Chloromethane	2.360	50	78541	16.768	ug/l	94
4) Vinyl Chloride	2.512	62	83315	17.051	ug/l	92
5) Bromomethane	2.959	94	53480	16.388	ug/l	92
6) Chloroethane	3.124	64	57449	17.118	ug/l	98
7) Trichlorofluoromethane	3.501	101	128574	17.787	ug/l	93
8) Diethyl Ether	3.965	74	45134	17.723	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.377	101	72749	17.673	ug/l	94
10) Methyl Iodide	4.595	142	71582	19.003	ug/l #	98
11) Tert butyl alcohol	5.512	59	78365	94.756	ug/l	100
12) 1,1-Dichloroethene	4.342	96	66696	17.496	ug/l	97
13) Acrolein	4.177	56	62500	63.821	ug/l	98
14) Allyl chloride	5.024	41	99315	17.555	ug/l	88
15) Acrylonitrile	5.718	53	196232	90.825	ug/l	95
16) Acetone	4.424	43	151612	90.474	ug/l	95
17) Carbon Disulfide	4.712	76	177718	16.334	ug/l #	95
18) Methyl Acetate	5.018	43	105112	21.908	ug/l #	90
19) Methyl tert-butyl Ether	5.795	73	235089	18.183	ug/l	99
20) Methylene Chloride	5.271	84	79787	18.769	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	74796	17.403	ug/l	98
22) Diisopropyl ether	6.671	45	247901	19.729	ug/l #	93
23) Vinyl Acetate	6.606	43	924059	90.522	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	143668	18.678	ug/l	96
25) 2-Butanone	7.483	43	256280	91.321	ug/l	98
26) 2,2-Dichloropropane	7.494	77	120471	17.721	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	86859	17.826	ug/l	89
28) Bromochloromethane	7.812	49	67744	20.583	ug/l #	72
29) Tetrahydrofuran	7.842	42	170800	89.253	ug/l #	86
30) Chloroform	7.965	83	152871	19.152	ug/l	93
31) Cyclohexane	8.253	56	130552	18.232	ug/l #	85
32) 1,1,1-Trichloroethane	8.165	97	136418	19.335	ug/l	90
36) 1,1-Dichloropropene	8.371	75	107222	18.654	ug/l	97
37) Ethyl Acetate	7.559	43	109632	19.511	ug/l	98
38) Carbon Tetrachloride	8.365	117	116649	20.164	ug/l	98
39) Methylcyclohexane	9.606	83	115945	17.527	ug/l	89
40) Benzene	8.606	78	324550	18.916	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	61072	19.247	ug/l	97
42) 1,2-Dichloroethane	8.671	62	123723	20.452	ug/l	97
43) Isopropyl Acetate	8.689	43	183260	18.634	ug/l #	97
44) Trichloroethene	9.353	130	83300	19.250	ug/l	90
45) 1,2-Dichloropropane	9.624	63	84344	19.569	ug/l	96
46) Dibromomethane	9.712	93	58964	19.409	ug/l	93
47) Bromodichloromethane	9.894	83	116832	19.810	ug/l	94
48) Methyl methacrylate	9.683	41	80976	18.627	ug/l	90
49) 1,4-Dioxane	9.694	88	35548	371.002	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	563744	98.720	ug/l	97
52) Toluene	10.630	92	197106	19.018	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	124858	19.567	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	132031	19.166	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	79241	19.280	ug/l	95
56) Ethyl methacrylate	10.877	69	115396	19.553	ug/l	94
57) 1,3-Dichloropropane	11.165	76	137361	19.149	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	320529	100.967	ug/l #	89
59) 2-Hexanone	11.194	43	416085	97.464	ug/l	97
60) Dibromochloromethane	11.359	129	82188	19.417	ug/l	99
61) 1,2-Dibromoethane	11.471	107	81963	19.220	ug/l	99
64) Tetrachloroethene	11.106	164	80184	19.505	ug/l	91
65) Chlorobenzene	11.894	112	213920	19.335	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	77647	19.179	ug/l	97
67) Ethyl Benzene	11.965	91	378933	19.013	ug/l	100
68) m/p-Xylenes	12.071	106	284397	37.918	ug/l	98
69) o-Xylene	12.400	106	135545	18.647	ug/l	99
70) Styrene	12.412	104	221801	19.255	ug/l	99
71) Bromoform	12.582	173	52885	18.816	ug/l #	95
73) Isopropylbenzene	12.694	105	361279	18.883	ug/l	99
74) N-amyl acetate	12.494	43	144962	18.057	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	108836	18.432	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	151975	27.156	ug/l	58
77) Bromobenzene	12.982	156	81348	17.932	ug/l	79
78) n-propylbenzene	13.035	91	423922	18.733	ug/l	98
79) 2-Chlorotoluene	13.129	91	261703	18.919	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	304249	19.237	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	40964	20.428	ug/l	95
82) 4-Chlorotoluene	13.224	91	245427	17.963	ug/l	93
83) tert-Butylbenzene	13.441	119	251192	18.526	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	306904	19.153	ug/l	98
85) sec-Butylbenzene	13.618	105	368417	18.781	ug/l	97
86) p-Isopropyltoluene	13.729	119	302281	19.215	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	156947	18.323	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	153899	17.976	ug/l	99
89) n-Butylbenzene	14.059	91	262672	18.208	ug/l	97
90) Hexachloroethane	14.335	117	51718	18.778	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	149827	18.231	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	22645	17.922	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	77036	17.536	ug/l	95
94) Hexachlorobutadiene	15.506	225	30669	16.896	ug/l	95
95) Naphthalene	15.641	128	282746	18.088	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	81404	18.273	ug/l	99

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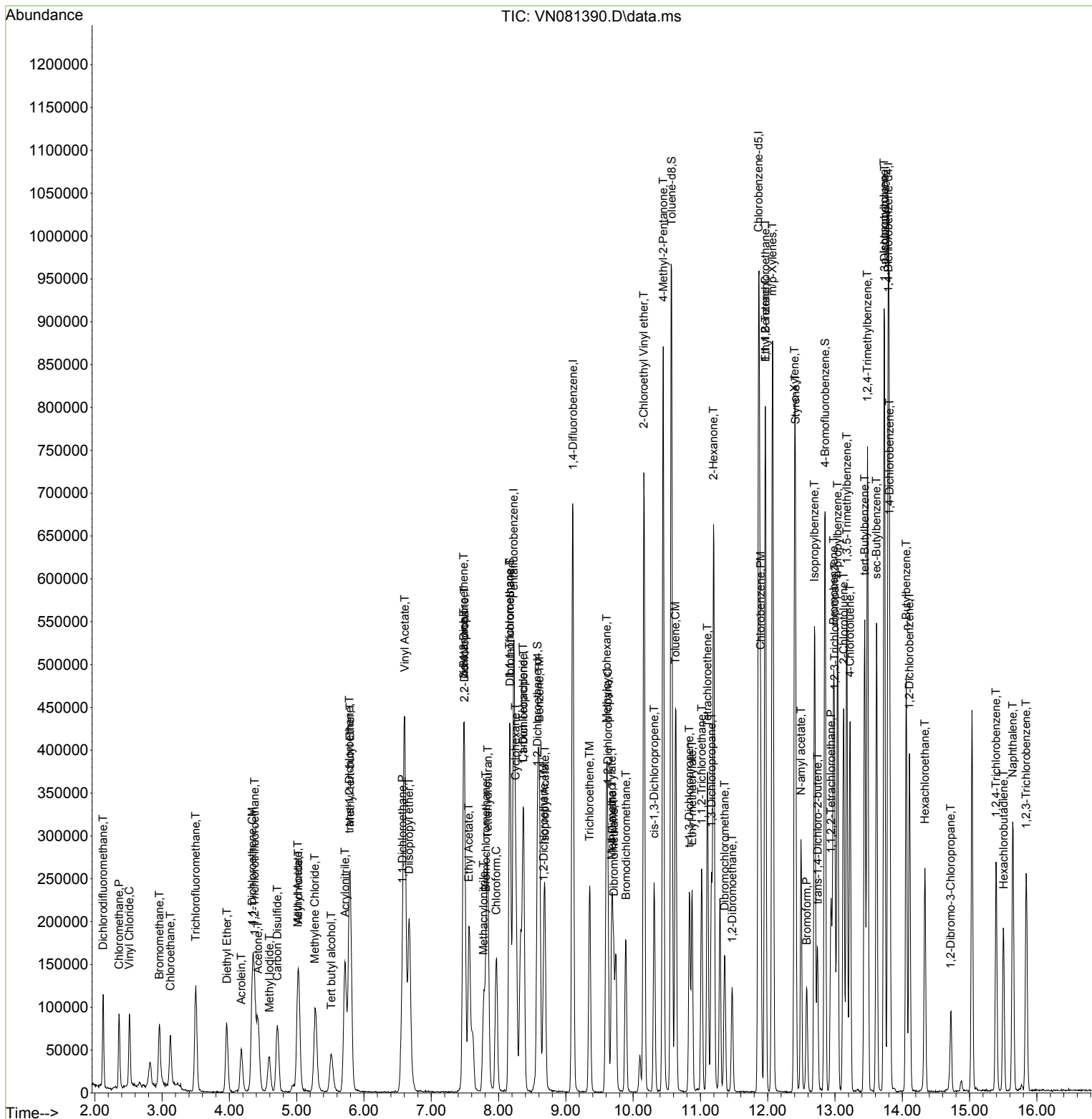
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

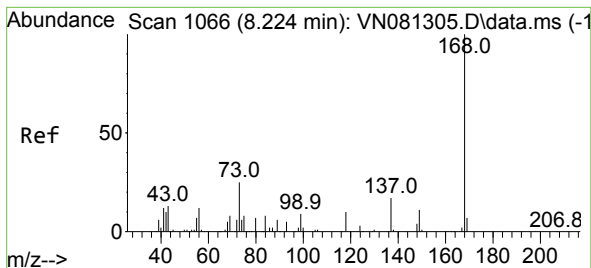
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081390.D

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MSVOA_N

ClientSampleId :

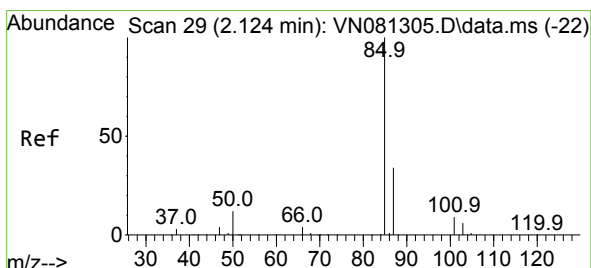
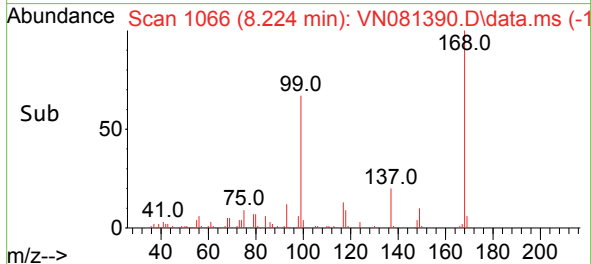
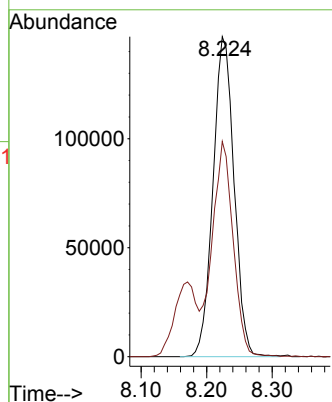
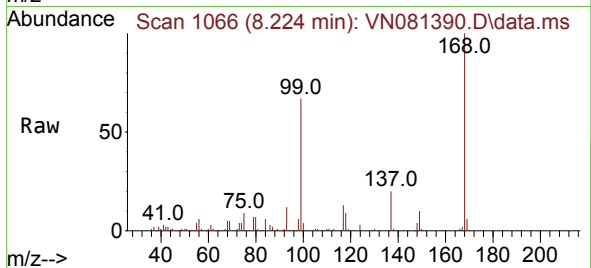
VN0313WBSD01

Tgt Ion:168 Resp: 327113

Ion Ratio Lower Upper

168 100

99 67.1 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 18.963 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081390.D

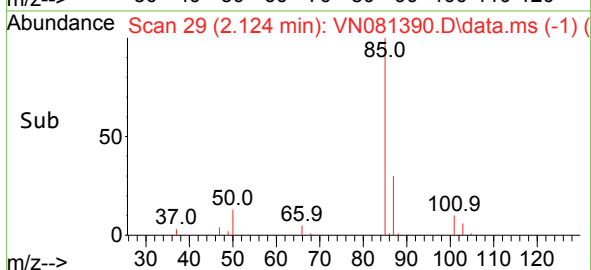
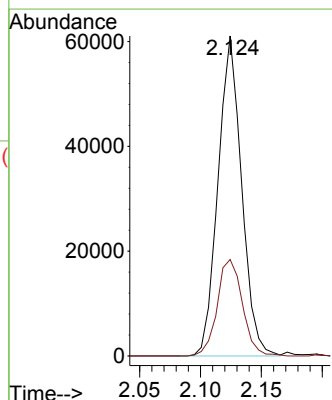
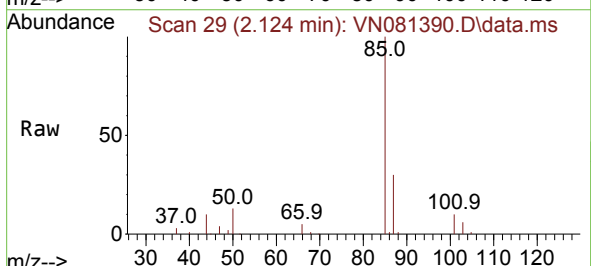
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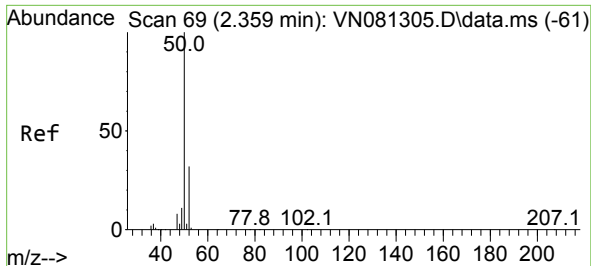
Tgt Ion: 85 Resp: 82227

Ion Ratio Lower Upper

85 100

87 30.1 15.3 45.9

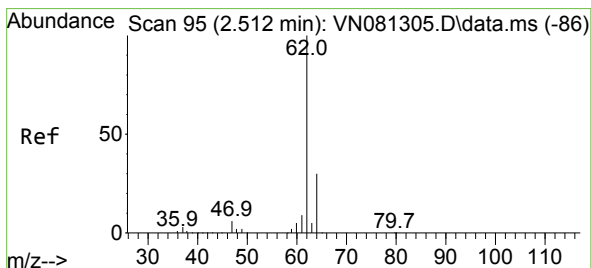
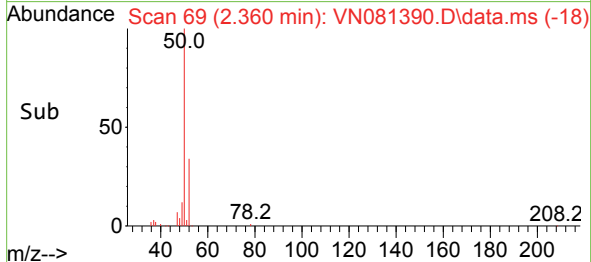
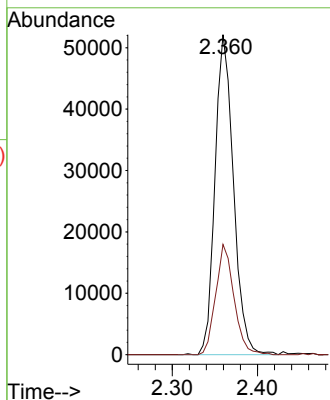
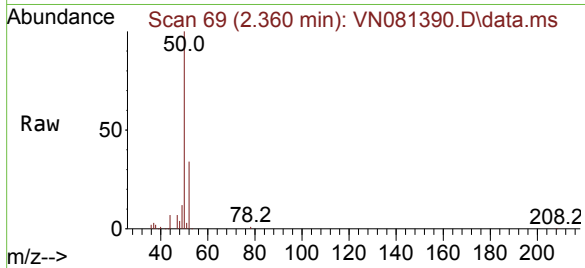




#3
Chloromethane
Concen: 16.768 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

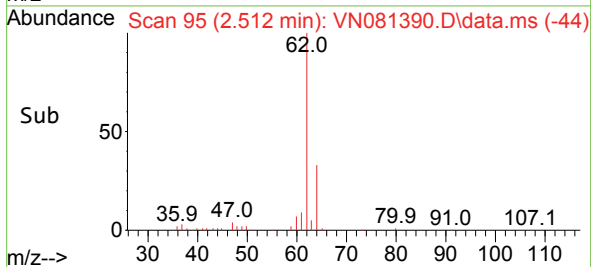
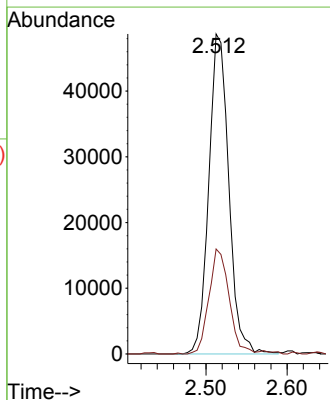
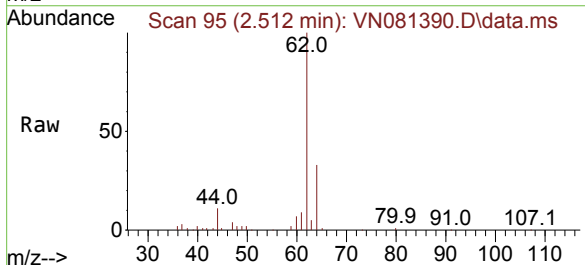
Instrument :
MSVOA_N
ClientSampleId :
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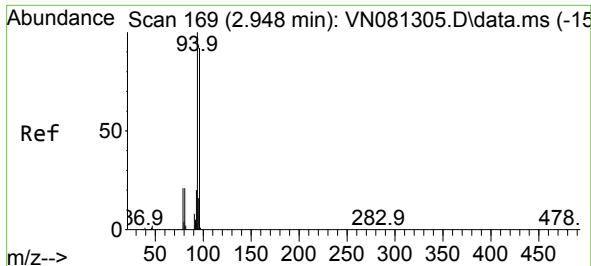
Tgt Ion: 50 Resp: 78541
Ion Ratio Lower Upper
50 100
52 34.4 25.0 37.4



#4
Vinyl Chloride
Concen: 17.051 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 62 Resp: 83315
Ion Ratio Lower Upper
62 100
64 32.5 22.7 34.1

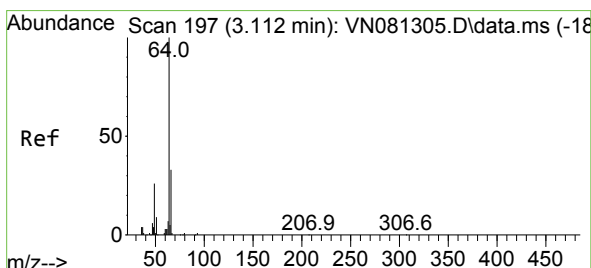
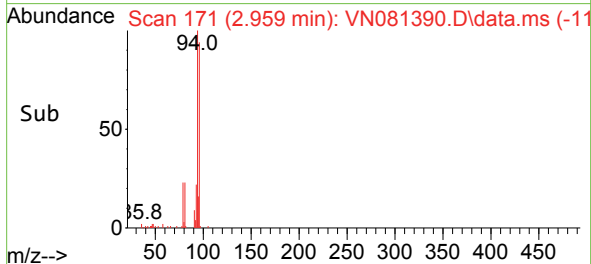
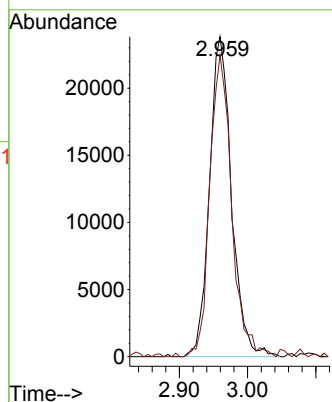
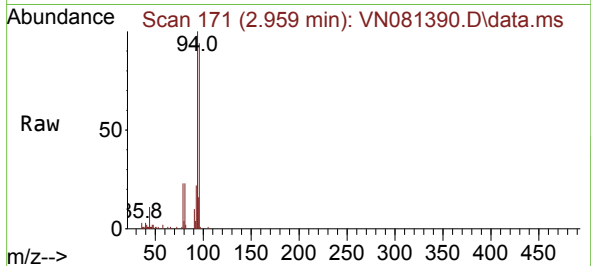




#5
Bromomethane
Concen: 16.388 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

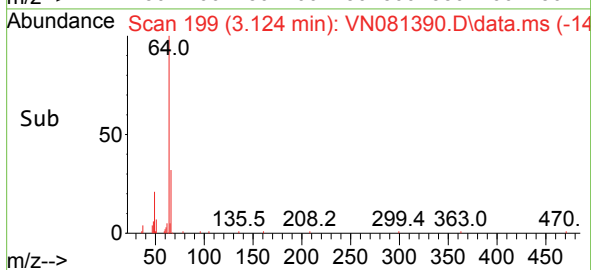
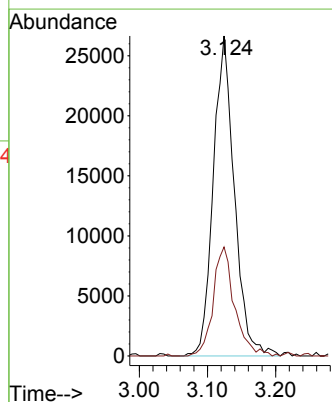
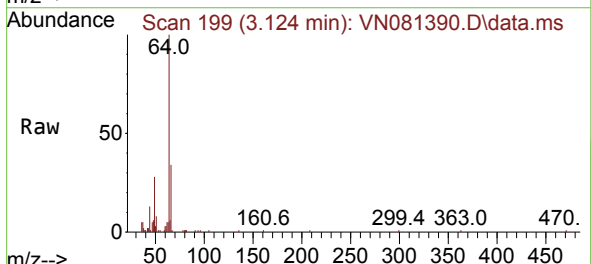
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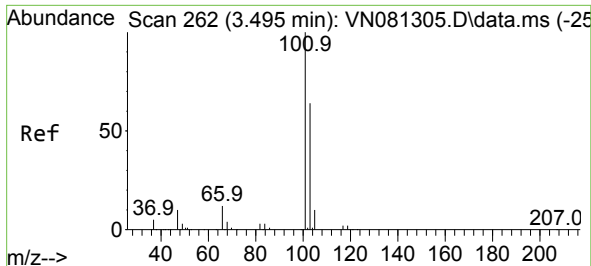
Tgt Ion: 94 Resp: 53480
Ion Ratio Lower Upper
94 100
96 94.2 69.2 103.8



#6
Chloroethane
Concen: 17.118 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 64 Resp: 57449
Ion Ratio Lower Upper
64 100
66 34.1 26.4 39.6

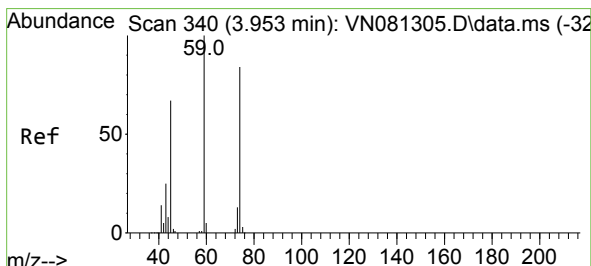
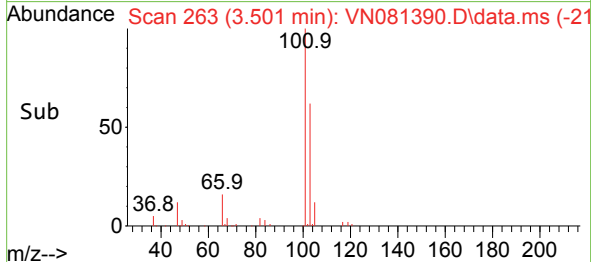
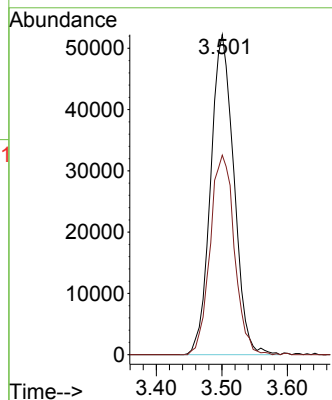
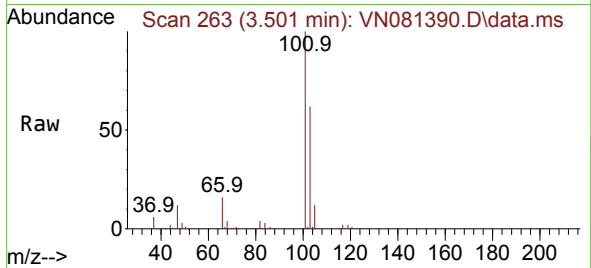




#7
Trichlorofluoromethane
Concen: 17.787 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

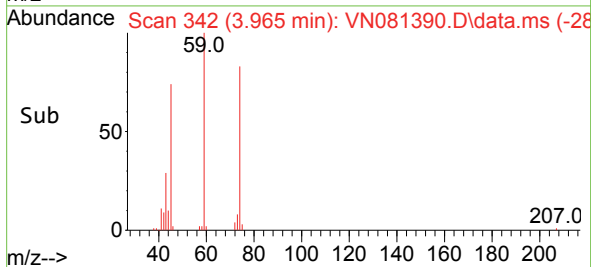
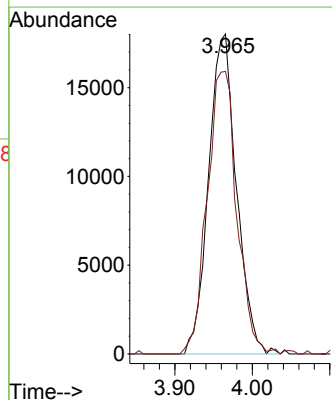
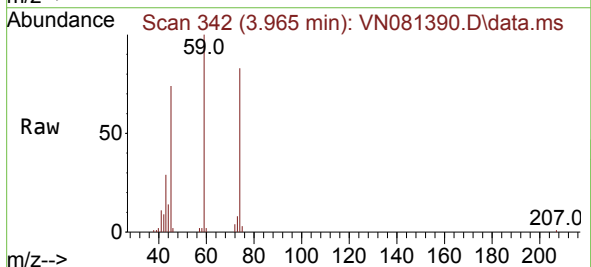
Instrument :
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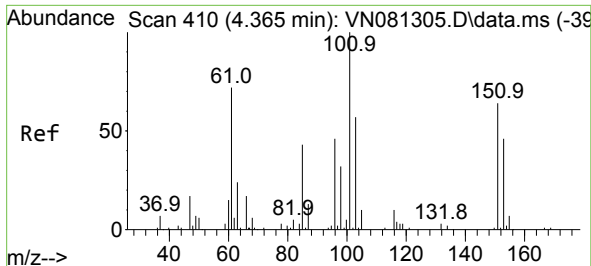
Tgt Ion:101 Resp: 128574
Ion Ratio Lower Upper
101 100
103 62.4 54.4 81.6



#8
Diethyl Ether
Concen: 17.723 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 74 Resp: 45134
Ion Ratio Lower Upper
74 100
45 93.8 53.3 159.9

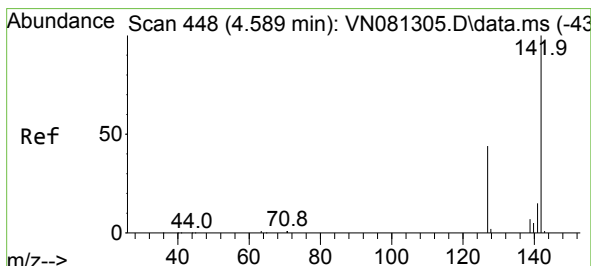
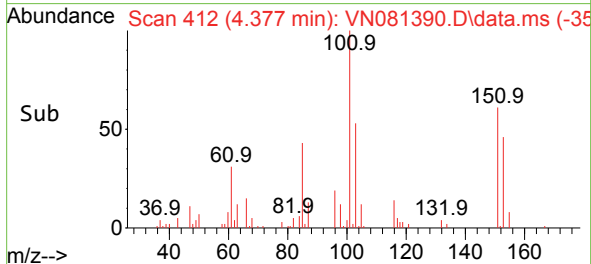
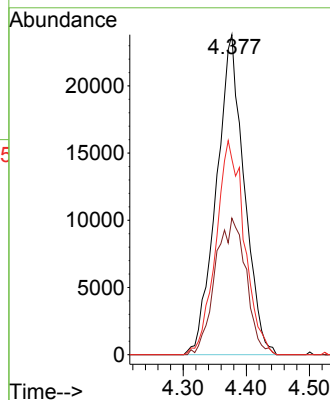
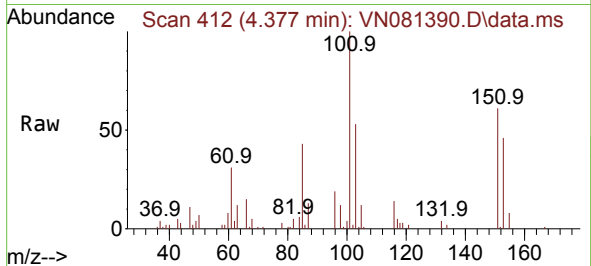




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.673 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

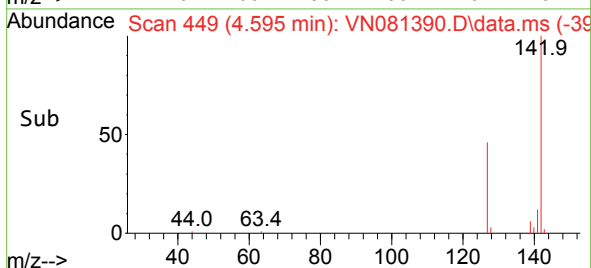
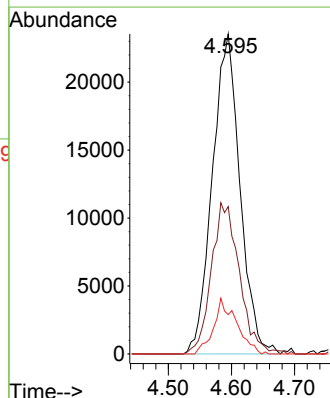
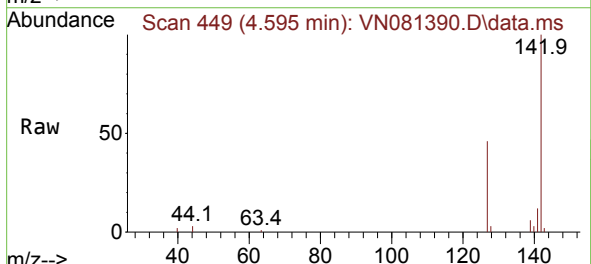
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

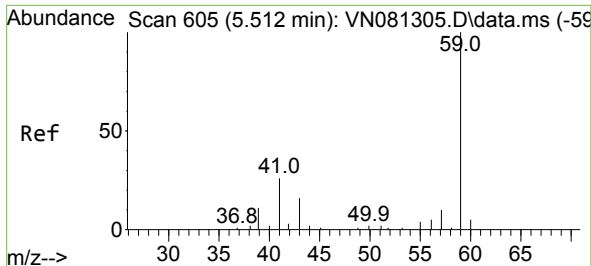
Tgt Ion:101 Resp: 72749
Ion Ratio Lower Upper
101 100
85 47.4 38.1 57.1
151 68.8 49.1 73.7



#10
Methyl Iodide
Concen: 19.003 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion:142 Resp: 71582
Ion Ratio Lower Upper
142 100
127 46.1 37.0 55.4
141 12.3 12.5 18.7#

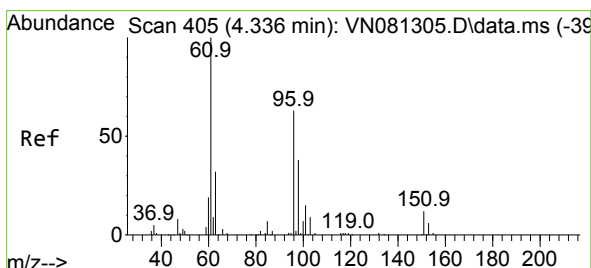
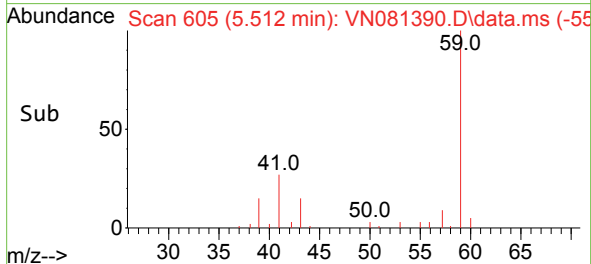
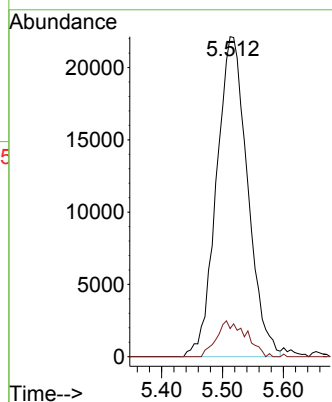
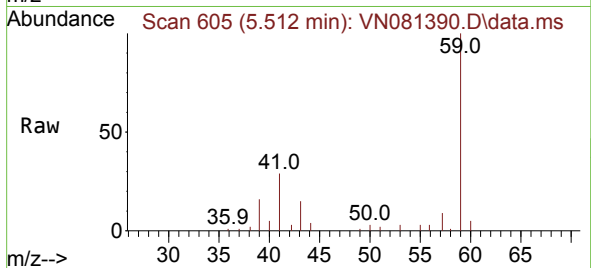




#11
Tert butyl alcohol
Concen: 94.756 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

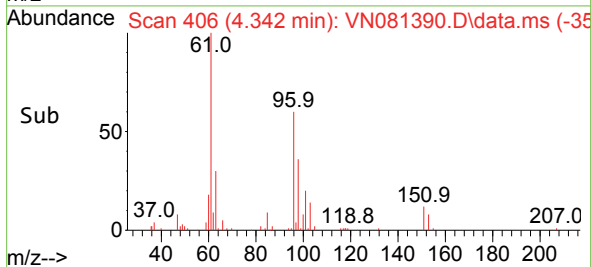
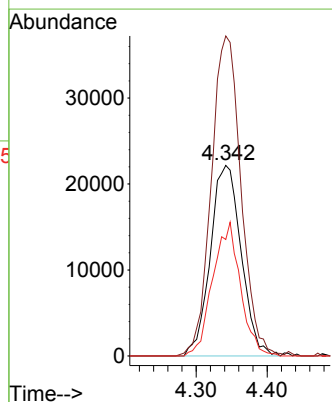
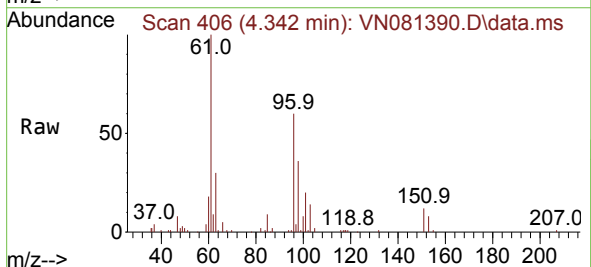
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

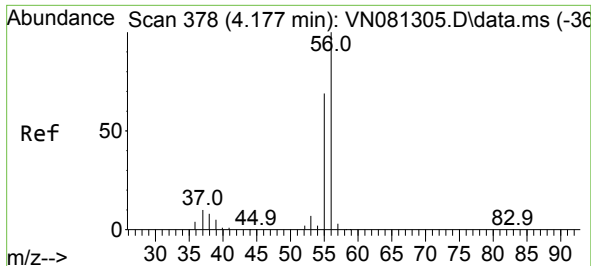
Tgt Ion: 59 Resp: 78365
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 17.496 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 96 Resp: 66696
Ion Ratio Lower Upper
96 100
61 167.1 138.2 207.4
98 61.1 49.2 73.8

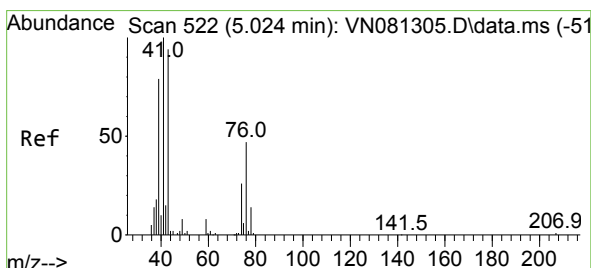
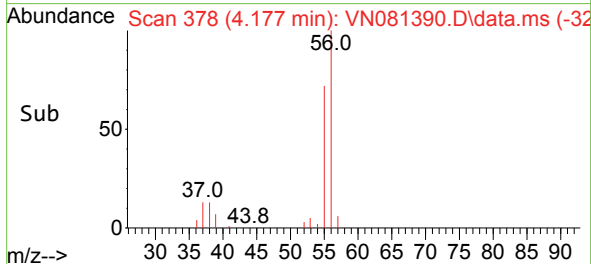
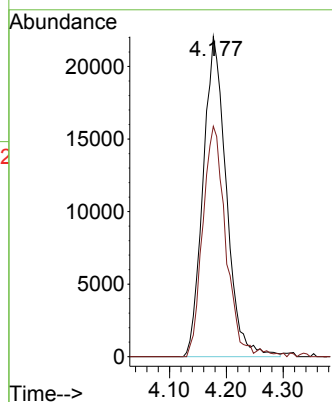
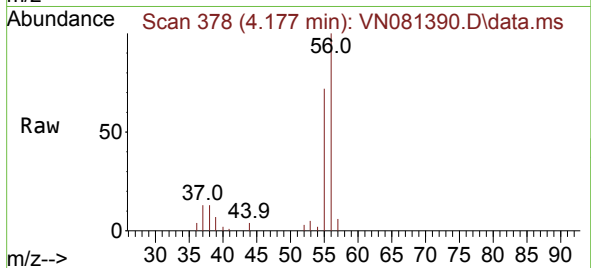




#13
Acrolein
Concen: 63.821 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

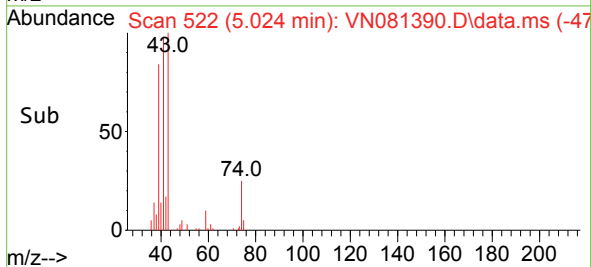
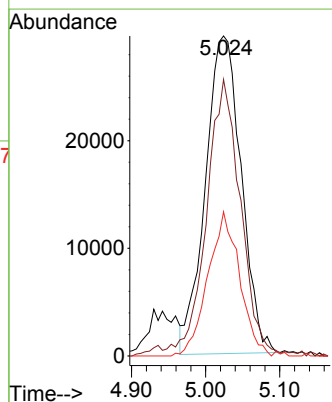
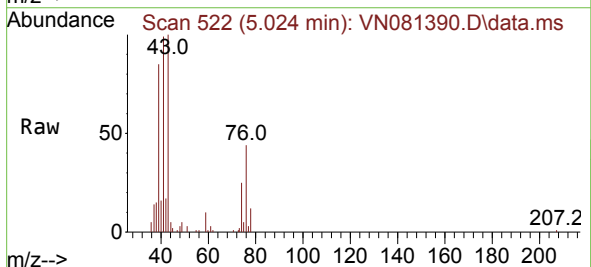
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

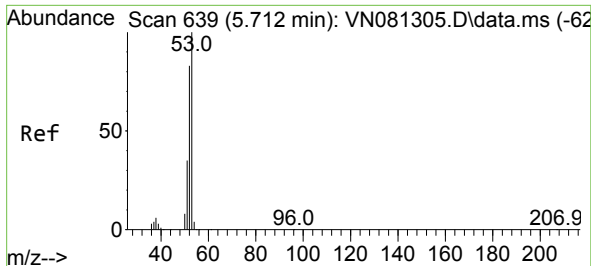
Tgt Ion: 56 Resp: 62500
Ion Ratio Lower Upper
56 100
55 70.9 55.3 82.9



#14
Allyl chloride
Concen: 17.555 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 41 Resp: 99315
Ion Ratio Lower Upper
41 100
39 82.8 57.7 86.5
76 40.0 26.8 40.2

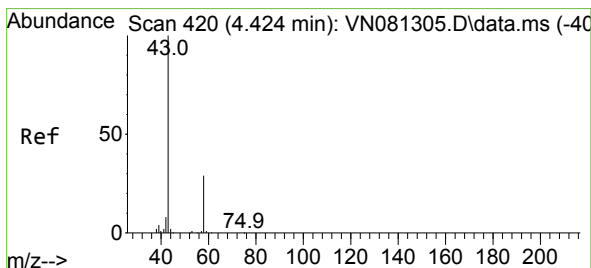
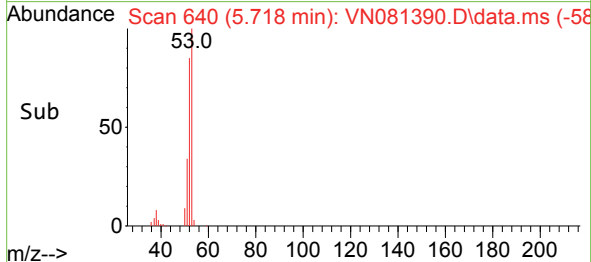
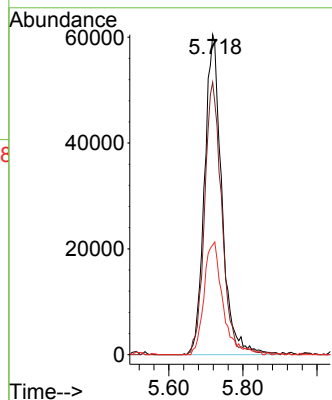
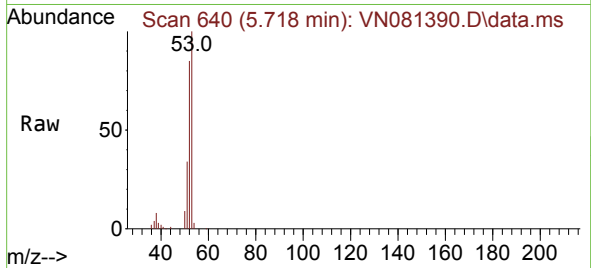




#15
Acrylonitrile
Concen: 90.825 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

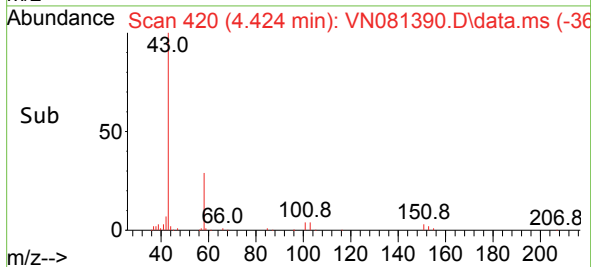
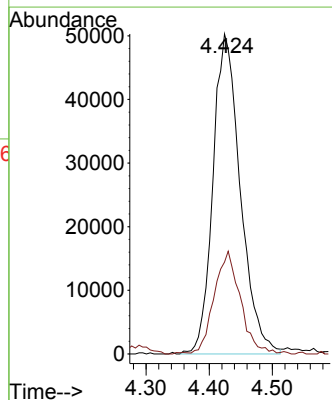
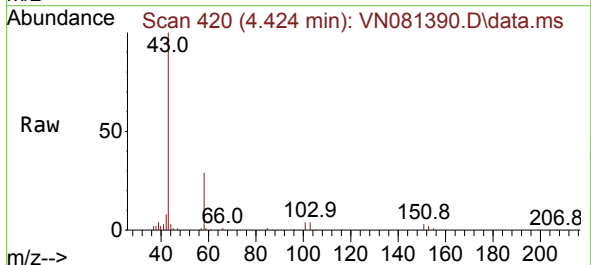
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

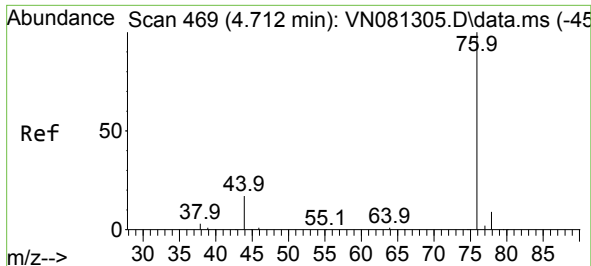
Tgt Ion: 53 Resp: 196232
Ion Ratio Lower Upper
53 100
52 84.9 64.8 97.2
51 37.0 26.9 40.3



#16
Acetone
Concen: 90.474 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 43 Resp: 151612
Ion Ratio Lower Upper
43 100
58 28.3 24.8 37.2

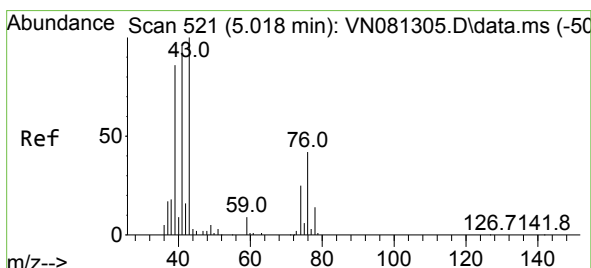
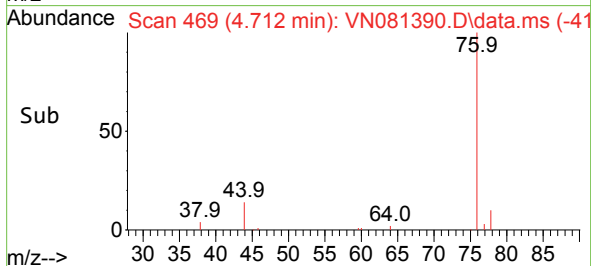
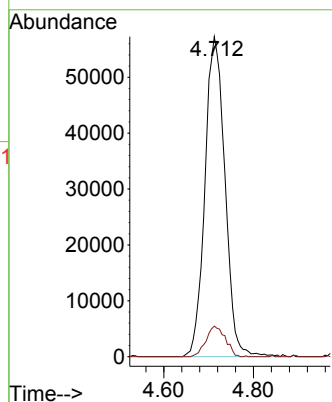
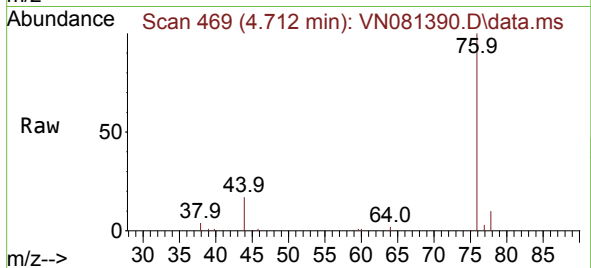




#17
Carbon Disulfide
Concen: 16.334 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

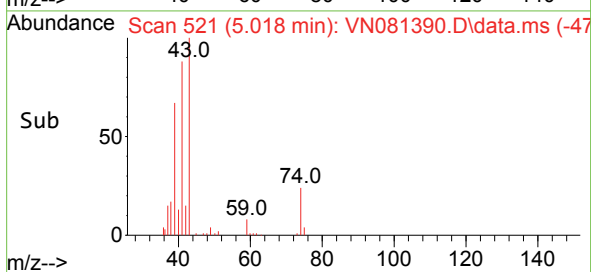
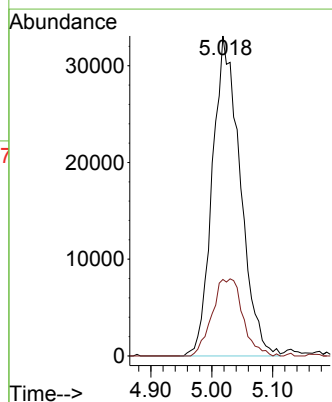
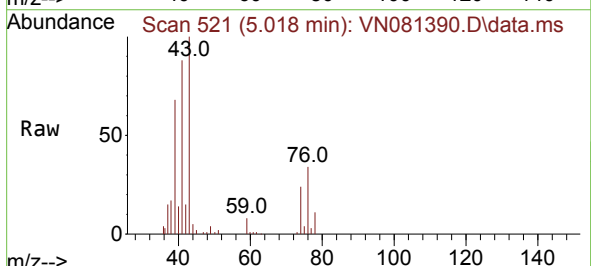
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

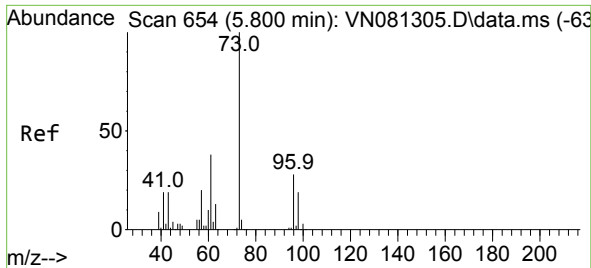
Tgt Ion: 76 Resp: 177718
Ion Ratio Lower Upper
76 100
78 9.5 6.3 9.5#



#18
Methyl Acetate
Concen: 21.908 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 43 Resp: 105112
Ion Ratio Lower Upper
43 100
74 26.5 17.3 25.9#

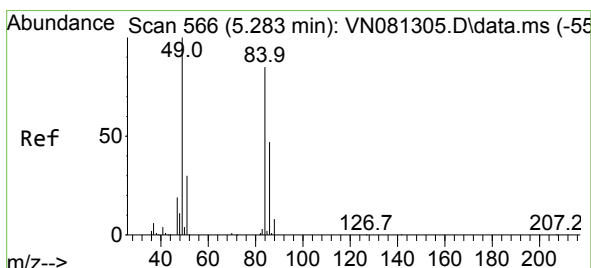
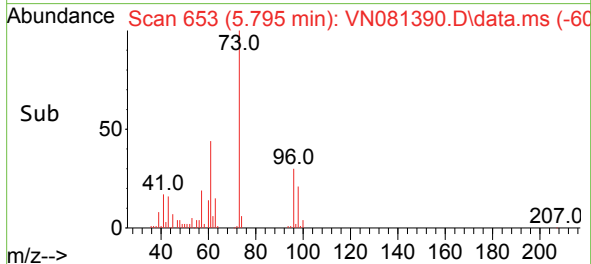
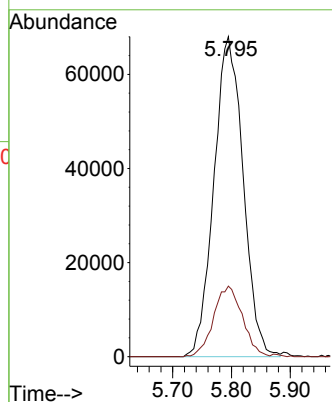
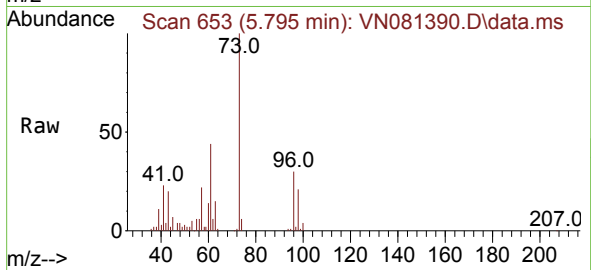




#19
Methyl tert-butyl Ether
Concen: 18.183 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

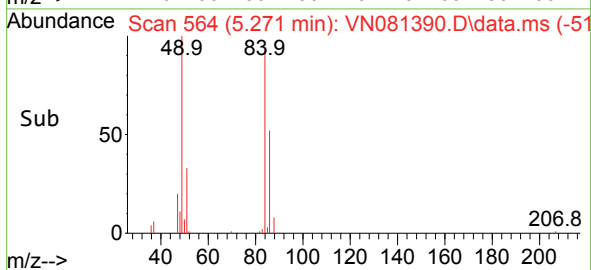
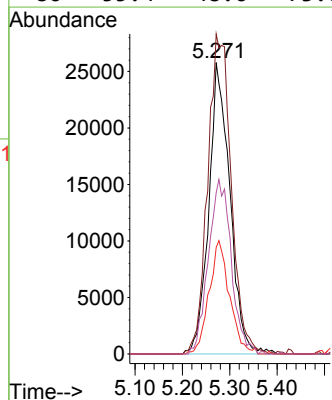
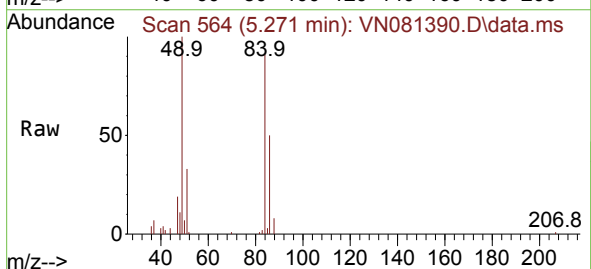
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

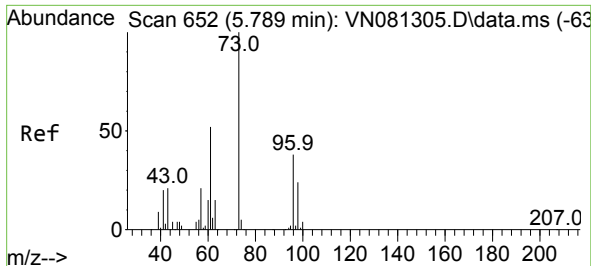
Tgt Ion: 73 Resp: 235089
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.4



#20
Methylene Chloride
Concen: 18.769 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 84 Resp: 79787
Ion Ratio Lower Upper
84 100
49 109.8 108.1 162.1
51 36.6 32.9 49.3
86 55.4 48.6 73.0

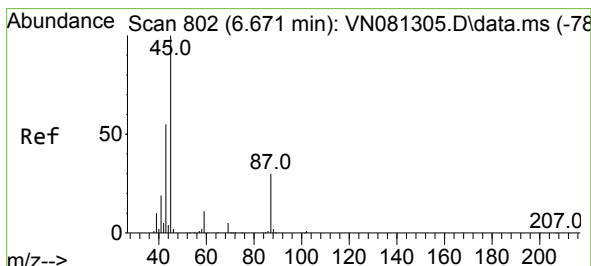
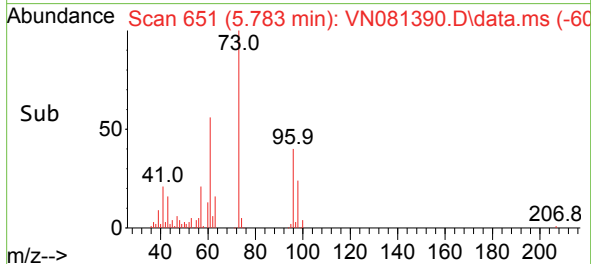
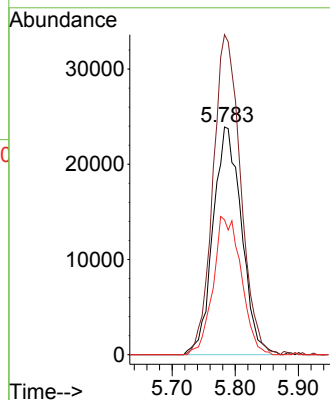
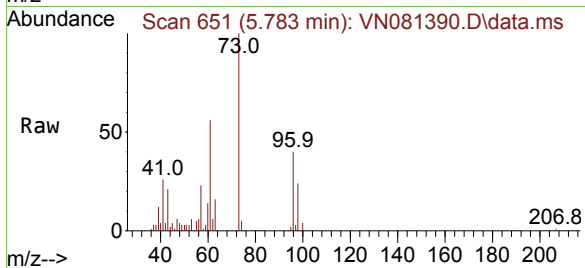




#21
trans-1,2-Dichloroethene
Concen: 17.403 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

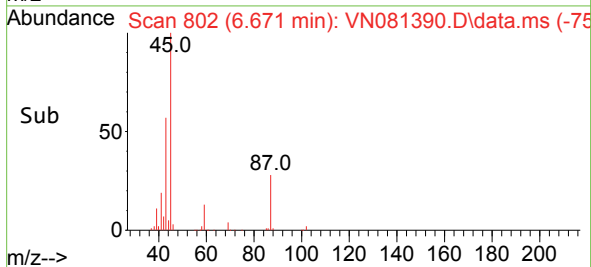
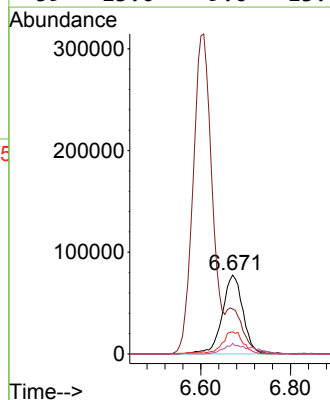
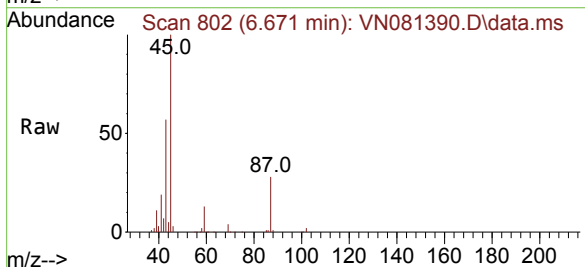
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

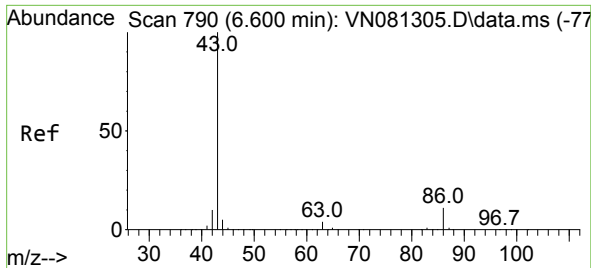
Tgt Ion: 96 Resp: 74796
Ion Ratio Lower Upper
96 100
61 140.6 112.8 169.2
98 59.3 51.0 76.4



#22
Diisopropyl ether
Concen: 19.729 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 45 Resp: 247901
Ion Ratio Lower Upper
45 100
43 55.8 41.8 62.8
87 28.1 18.1 27.1#
59 13.0 9.0 13.6

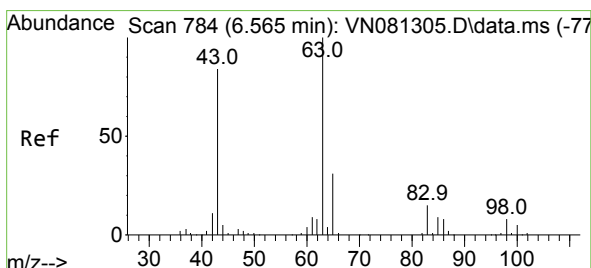
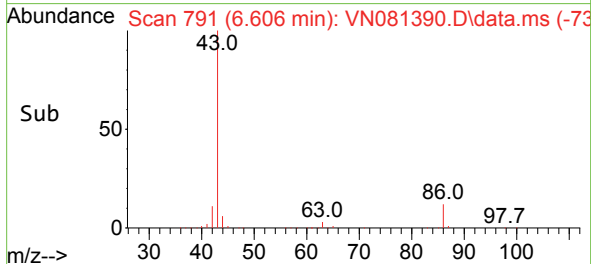
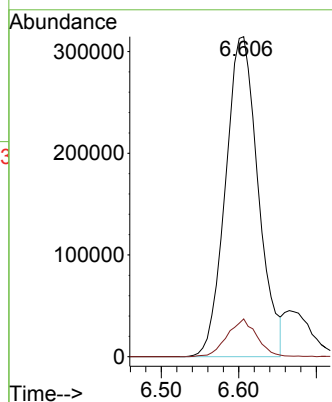
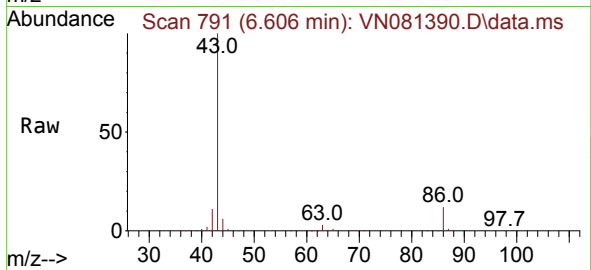




#23
 Vinyl Acetate
 Concen: 90.522 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081390.D
 Acq: 13 Mar 2024 12:50

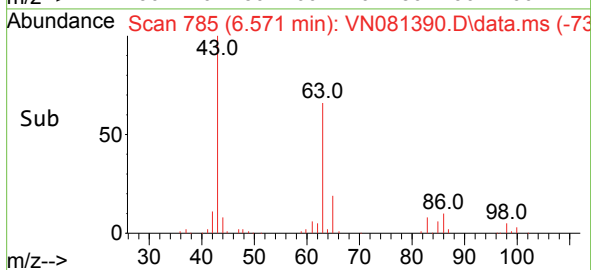
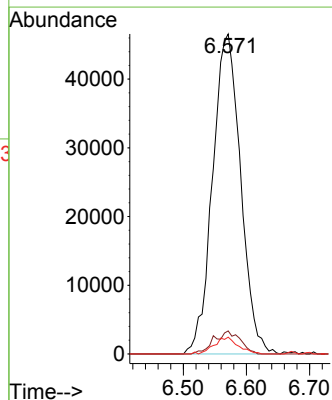
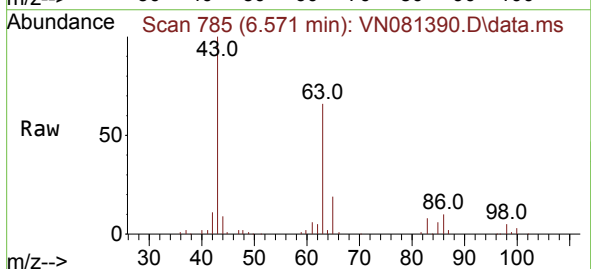
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBSD01

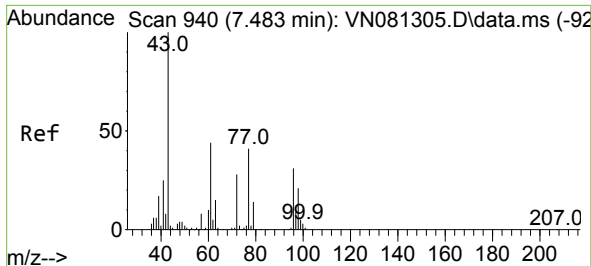
Tgt Ion: 43 Resp: 924059
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 18.678 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081390.D
 Acq: 13 Mar 2024 12:50

Tgt Ion: 63 Resp: 143668
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.9 8.6
 100 5.3 1.9 5.7

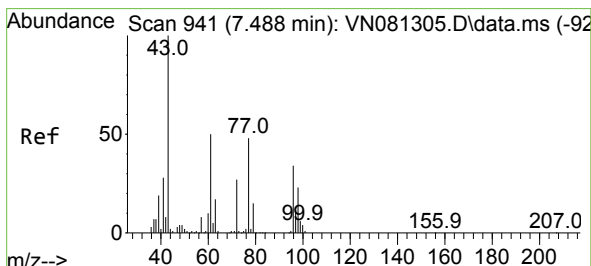
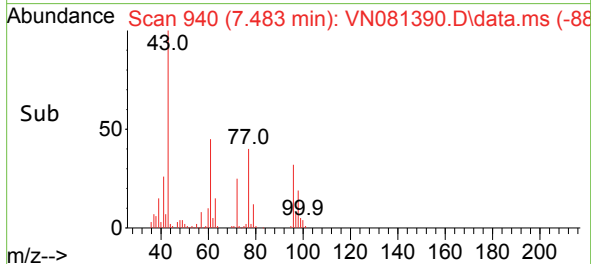
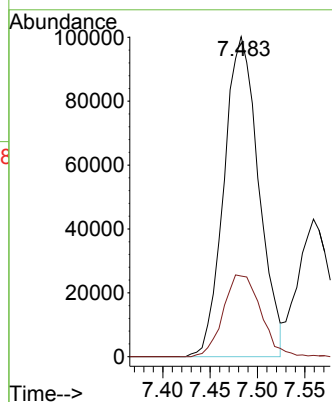
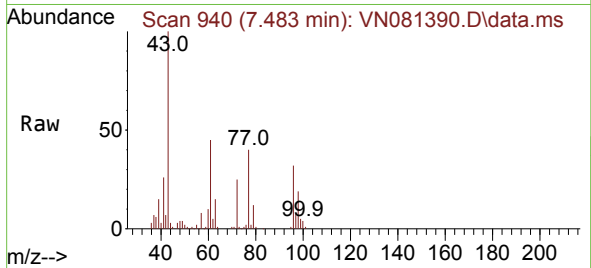




#25
2-Butanone
Concen: 91.321 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

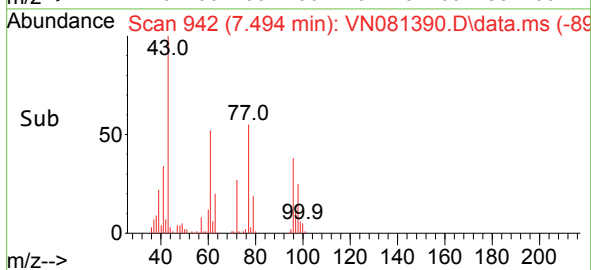
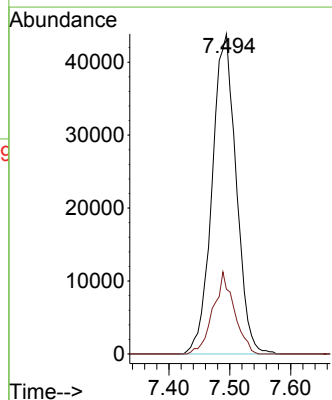
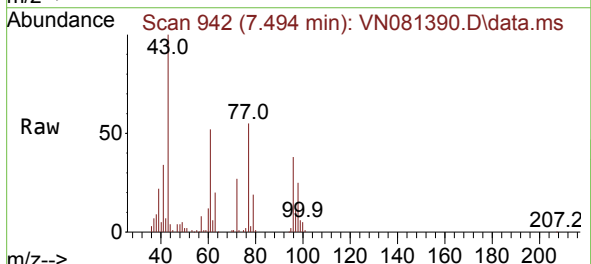
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

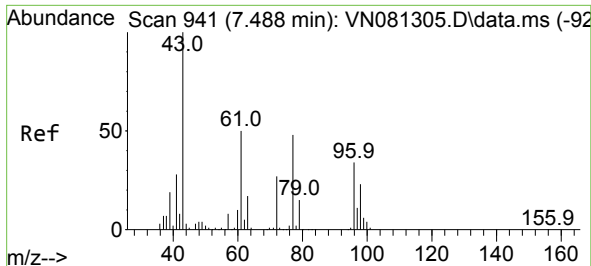
Tgt Ion: 43 Resp: 256280
Ion Ratio Lower Upper
43 100
72 25.2 19.5 29.3



#26
2,2-Dichloropropane
Concen: 17.721 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 77 Resp: 120471
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5

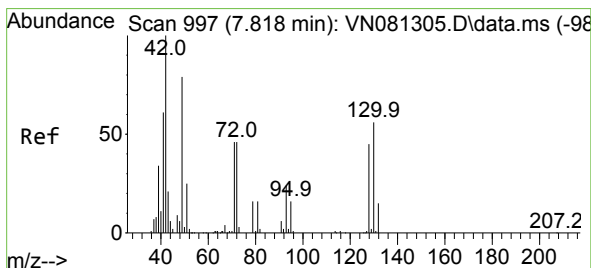
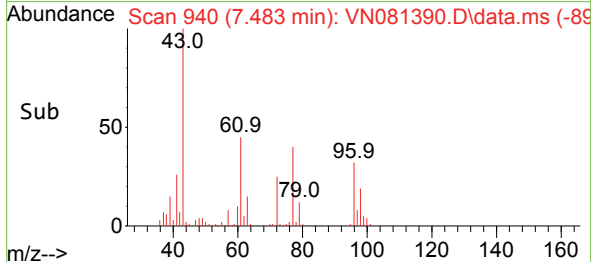
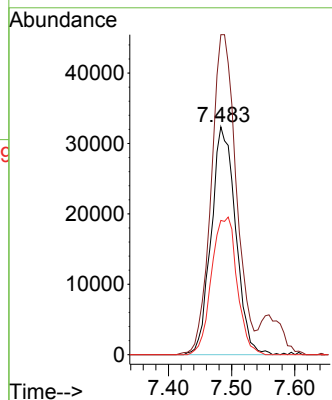
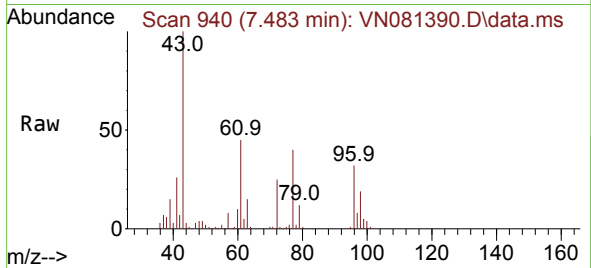




#27
 cis-1,2-Dichloroethene
 Concen: 17.826 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081390.D
 Acq: 13 Mar 2024 12:50

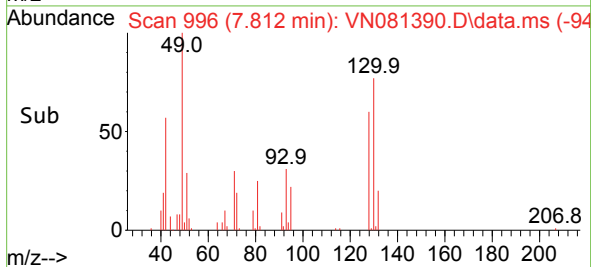
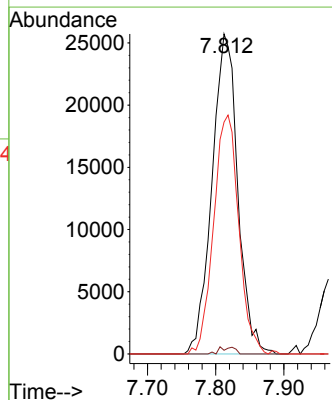
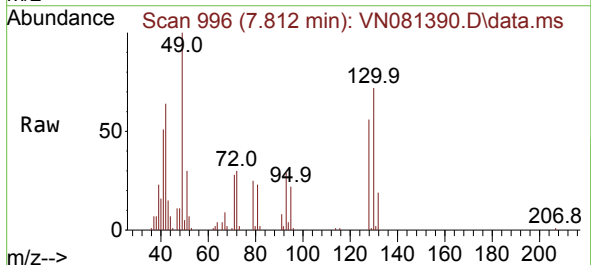
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBSD01

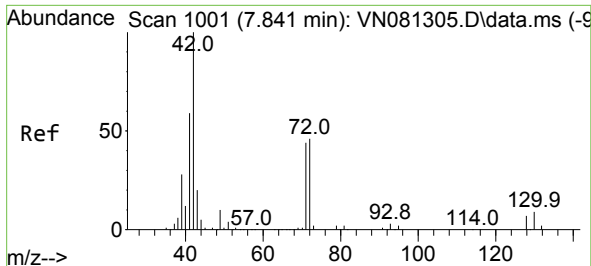
Tgt Ion: 96 Resp: 86859
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 325.4
 98 63.1 0.0 130.4



#28
 Bromochloromethane
 Concen: 20.583 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN081390.D
 Acq: 13 Mar 2024 12:50

Tgt Ion: 49 Resp: 67744
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 1.6
 130 72.7 42.3 63.5#





#29

Tetrahydrofuran

Concen: 89.253 ug/l

RT: 7.842 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

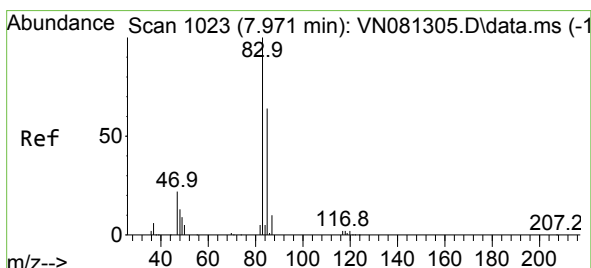
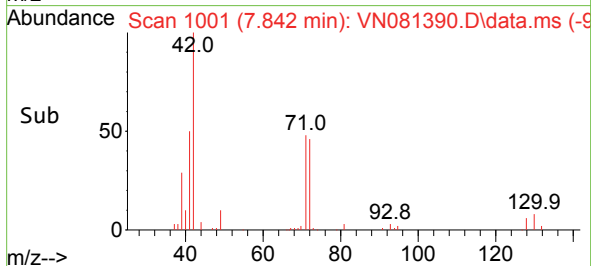
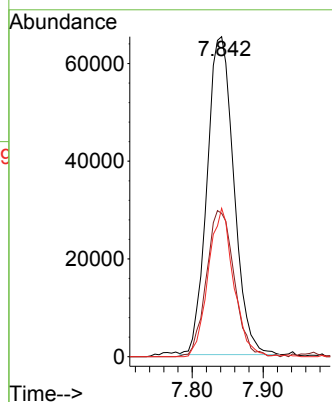
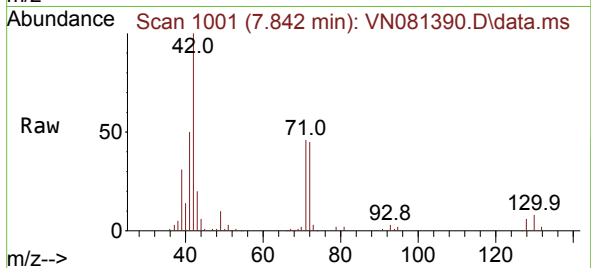
Tgt Ion: 42 Resp: 170800

Ion Ratio Lower Upper

42 100

72 47.4 31.1 46.7#

71 44.0 28.3 42.5#



#30

Chloroform

Concen: 19.152 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081390.D

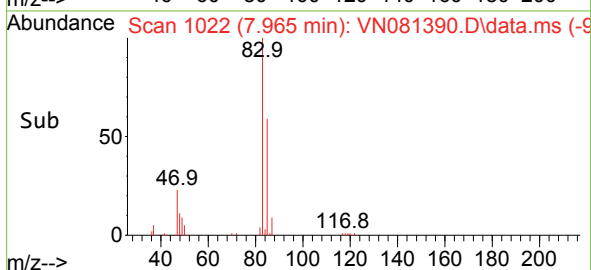
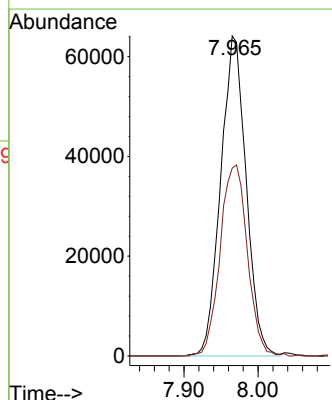
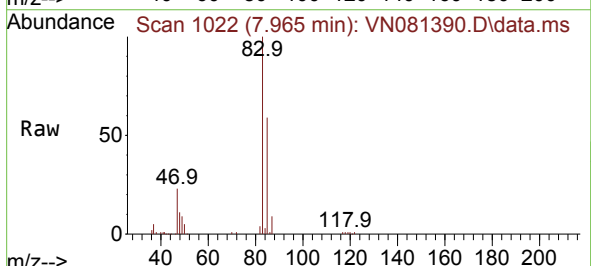
Acq: 13 Mar 2024 12:50

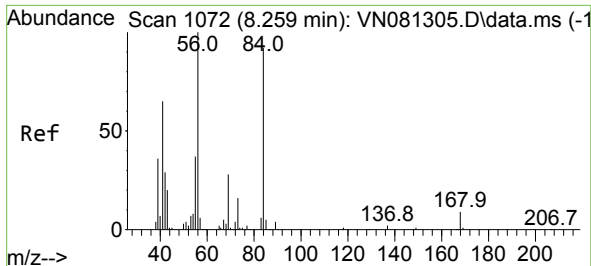
Tgt Ion: 83 Resp: 152871

Ion Ratio Lower Upper

83 100

85 58.7 51.0 76.6

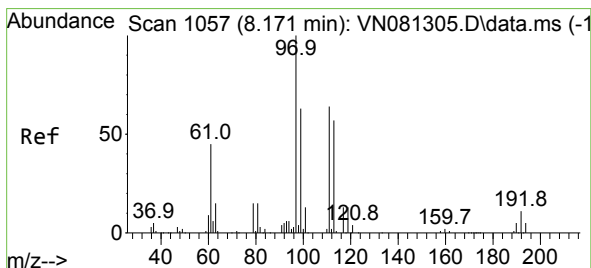
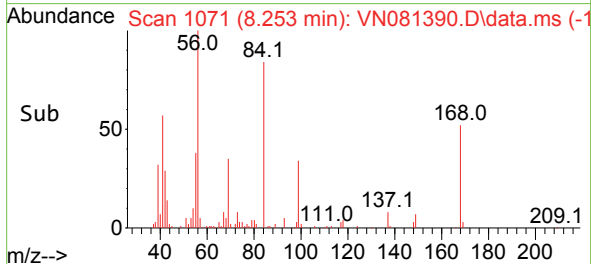
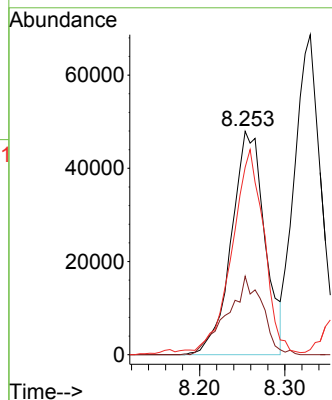
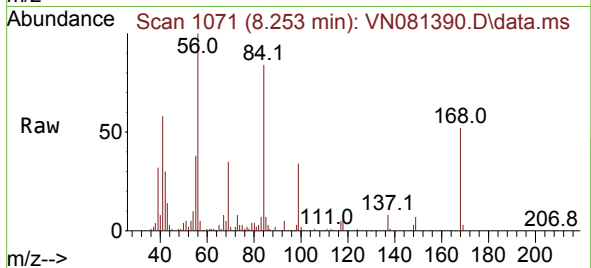




#31
Cyclohexane
Concen: 18.232 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

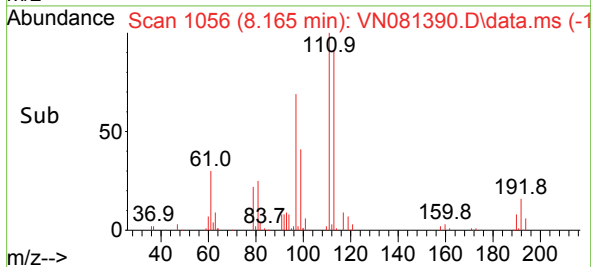
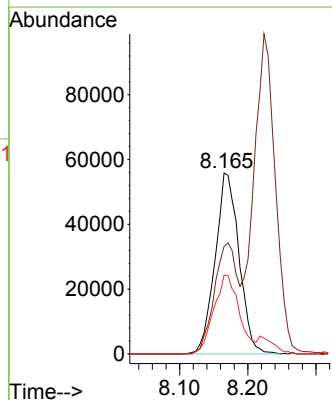
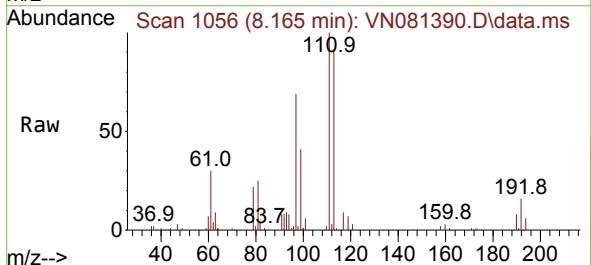
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

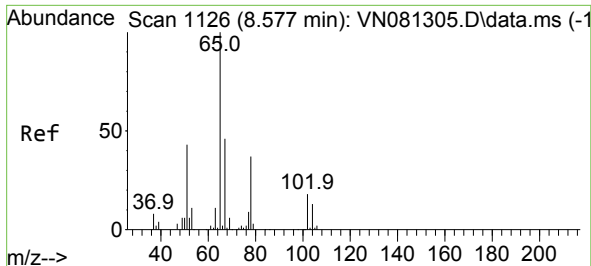
Tgt Ion: 56 Resp: 130552
Ion Ratio Lower Upper
56 100
69 35.1 20.1 30.1#
84 82.0 56.9 85.3



#32
1,1,1-Trichloroethane
Concen: 19.335 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 97 Resp: 136418
Ion Ratio Lower Upper
97 100
99 59.0 53.4 80.0
61 46.7 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 50.256 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

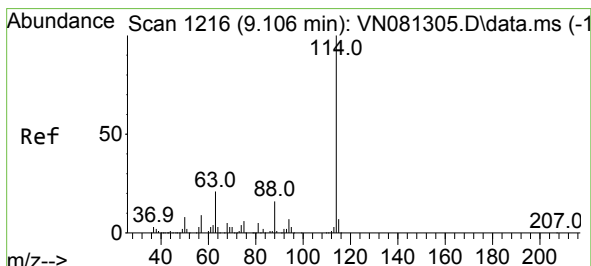
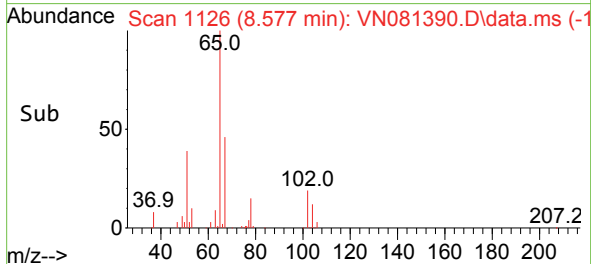
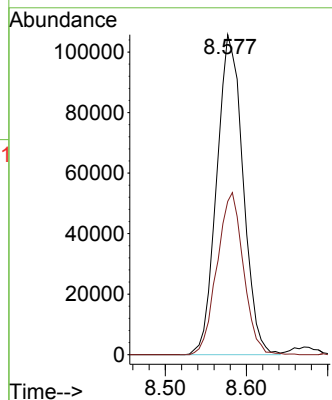
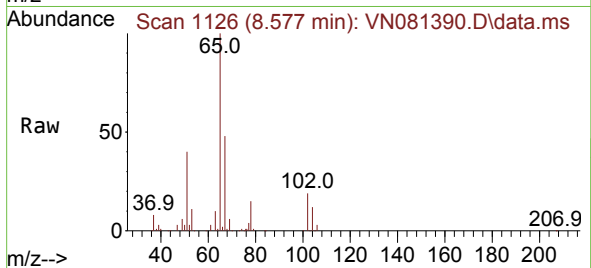
VN0313WBSD01

Tgt Ion: 65 Resp: 237695

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

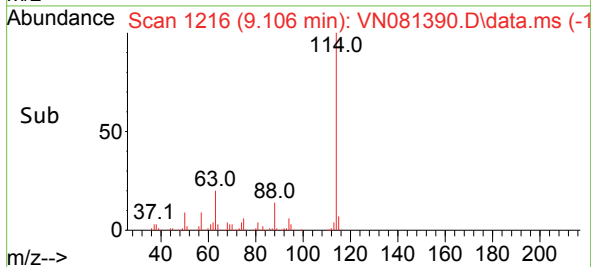
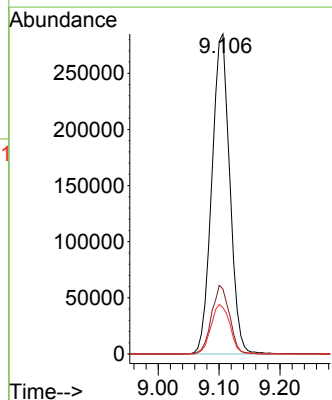
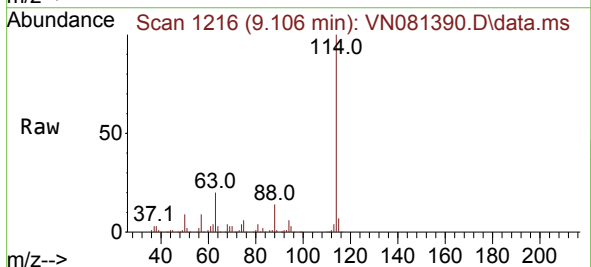
Tgt Ion: 114 Resp: 581539

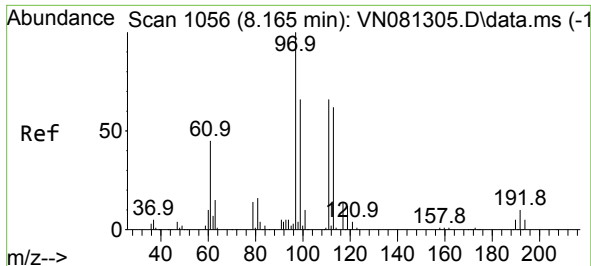
Ion Ratio Lower Upper

114 100

63 20.3 0.0 48.0

88 14.5 0.0 34.8

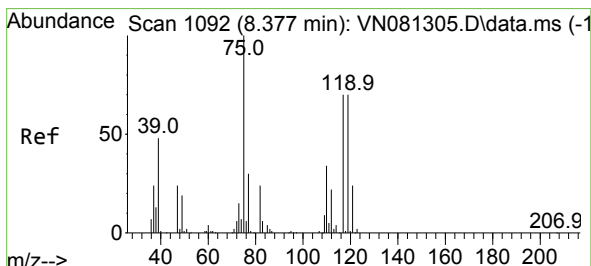
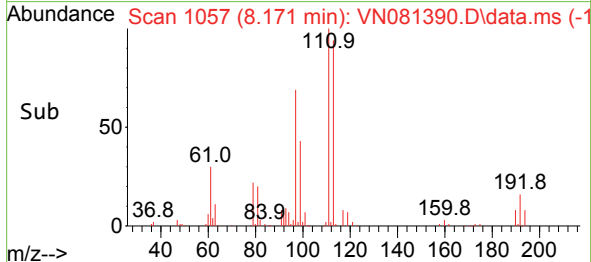
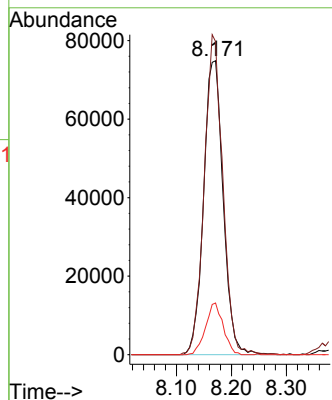
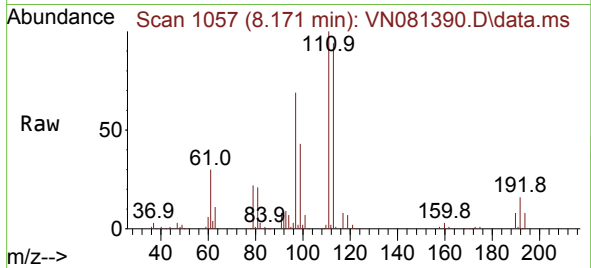




#35
Dibromofluoromethane
Concen: 51.954 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

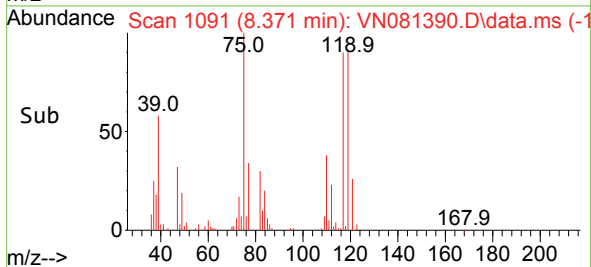
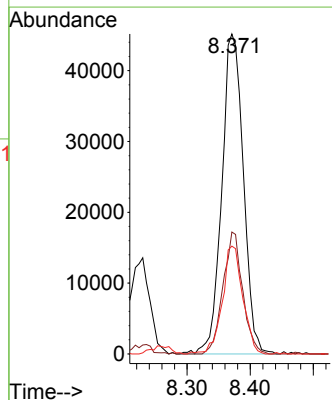
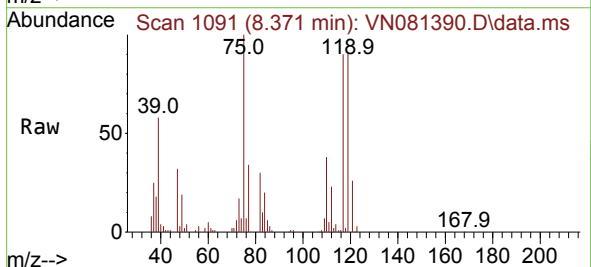
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

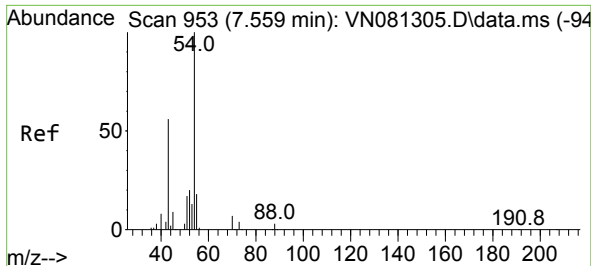
Tgt Ion:113 Resp: 185107
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 15.9 12.5 18.7



#36
1,1-Dichloropropene
Concen: 18.654 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 75 Resp: 107222
Ion Ratio Lower Upper
75 100
110 34.7 16.0 48.0
77 32.0 25.8 38.6

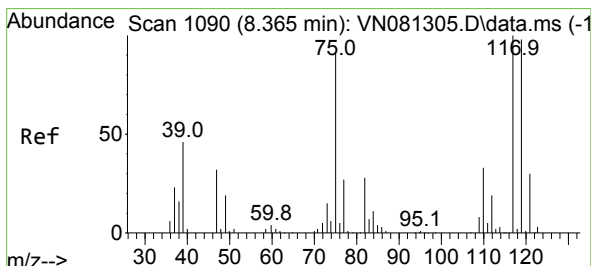
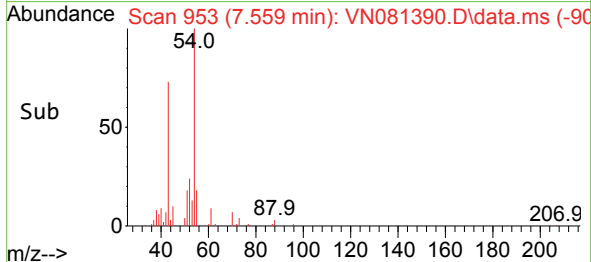
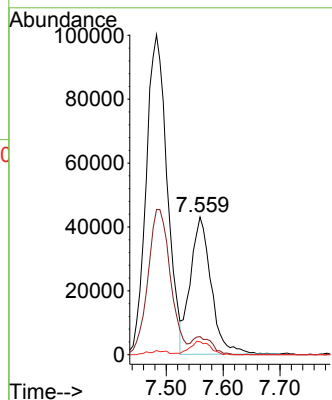
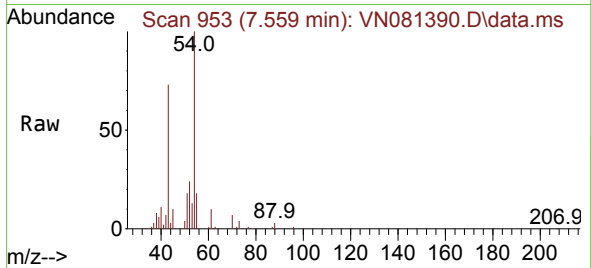




#37
Ethyl Acetate
Concen: 19.511 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

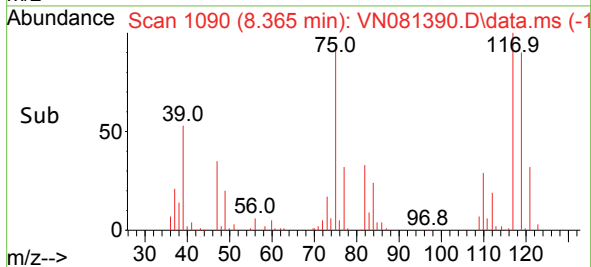
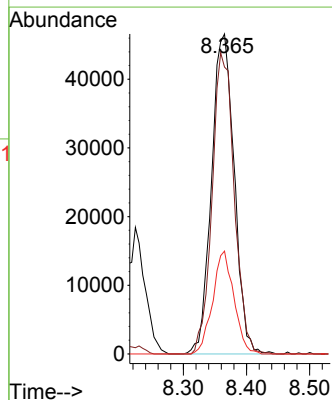
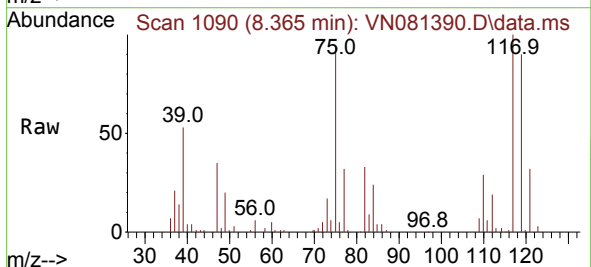
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

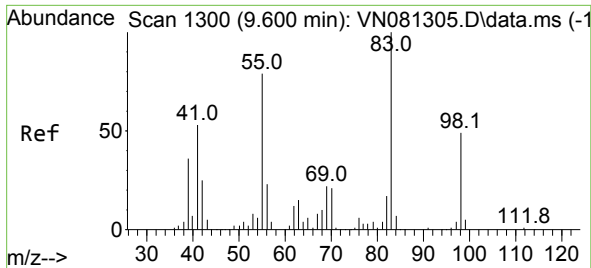
Tgt Ion: 43 Resp: 109632
Ion Ratio Lower Upper
43 100
61 11.8 10.6 15.8
70 9.6 8.0 12.0



#38
Carbon Tetrachloride
Concen: 20.164 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 117 Resp: 116649
Ion Ratio Lower Upper
117 100
119 89.7 73.4 110.2
121 32.1 24.4 36.6

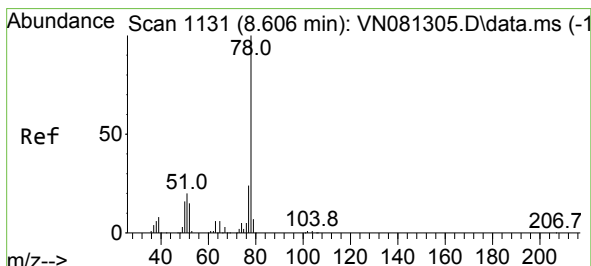
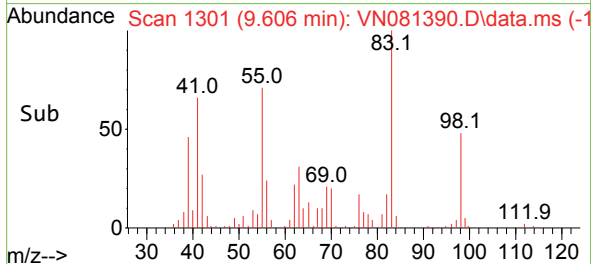
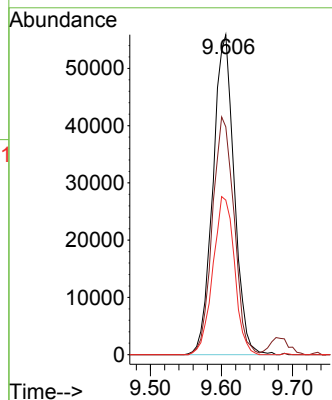
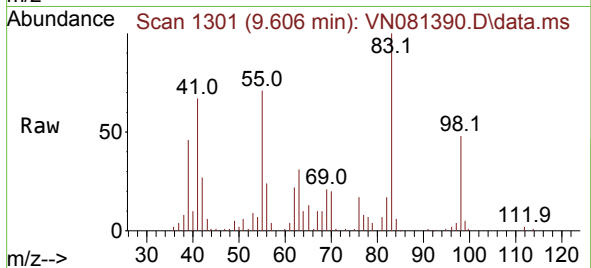




#39
Methylcyclohexane
Concen: 17.527 ug/l
RT: 9.606 min Scan# 11300
Delta R.T. 0.006 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

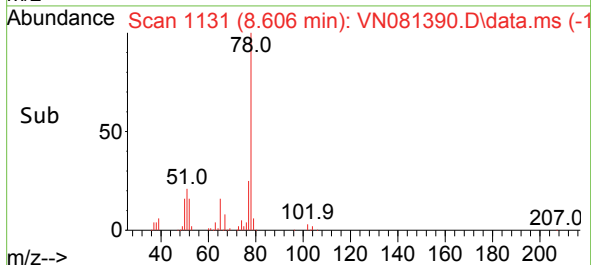
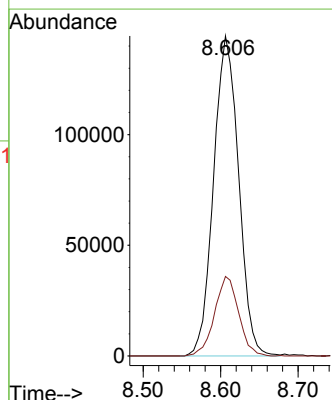
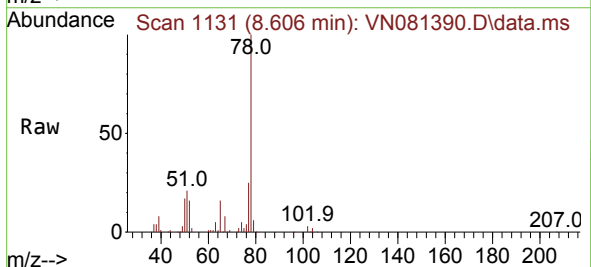
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

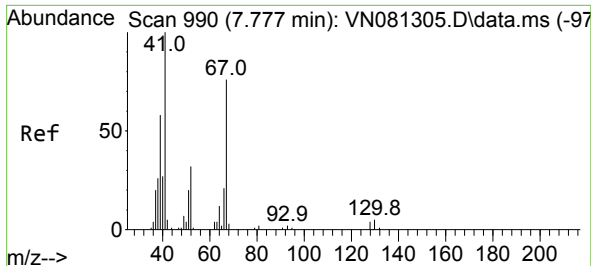
Tgt Ion: 83 Resp: 115945
Ion Ratio Lower Upper
83 100
55 71.2 65.7 98.5
98 48.3 33.8 50.6



#40
Benzene
Concen: 18.916 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 78 Resp: 324550
Ion Ratio Lower Upper
78 100
77 24.9 20.4 30.6

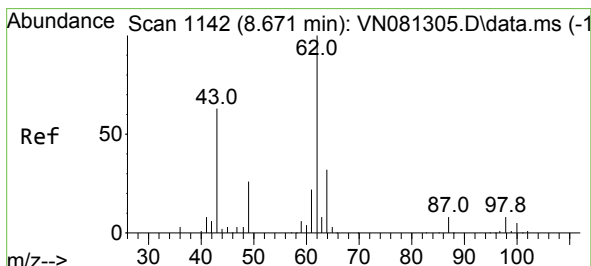
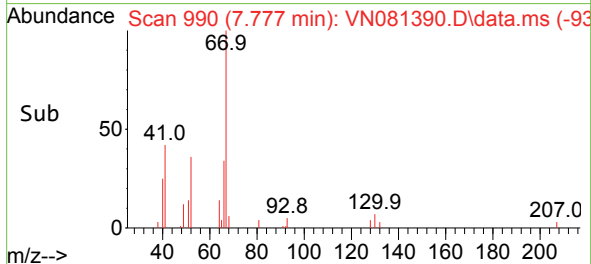
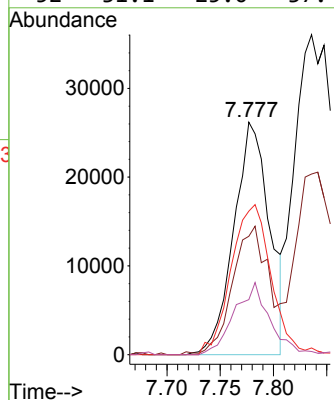
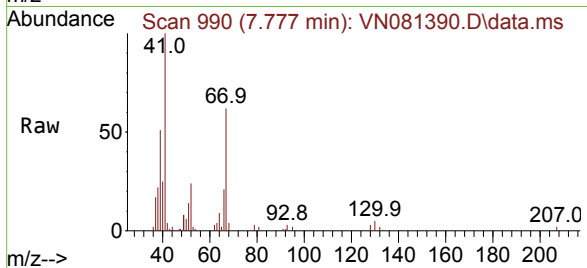




#41
Methacrylonitrile
Concen: 19.247 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

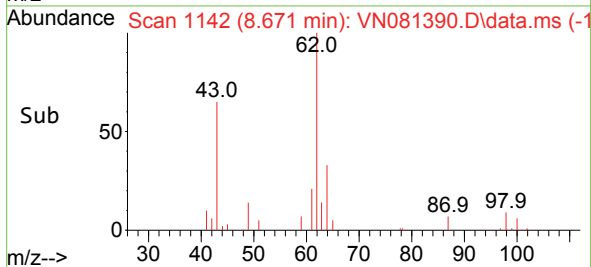
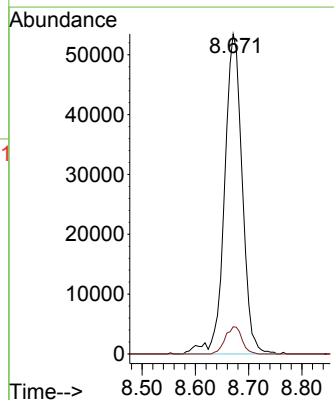
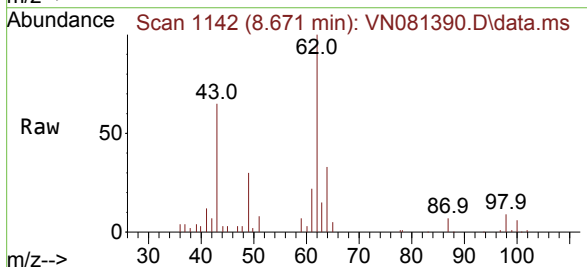
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

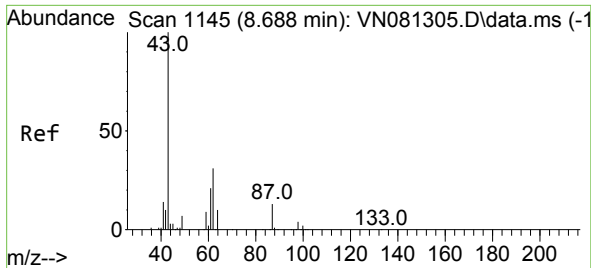
Tgt Ion:	41	Resp:	61072
Ion	Ratio	Lower	Upper
41	100		
39	56.7	48.4	72.6
67	72.5	56.8	85.2
52	31.1	25.0	37.4



#42
1,2-Dichloroethane
Concen: 20.452 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion:	62	Resp:	123723
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	18.0

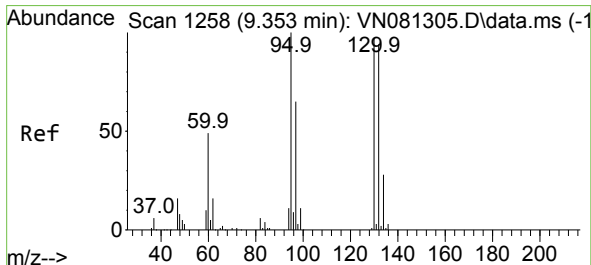
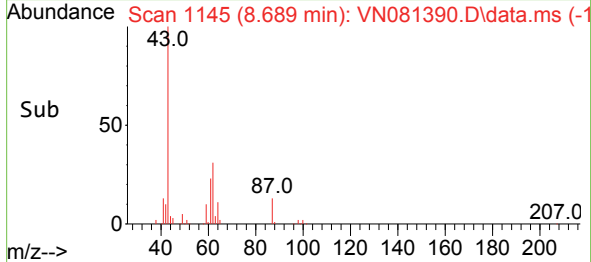
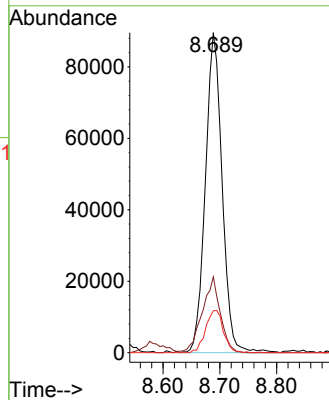
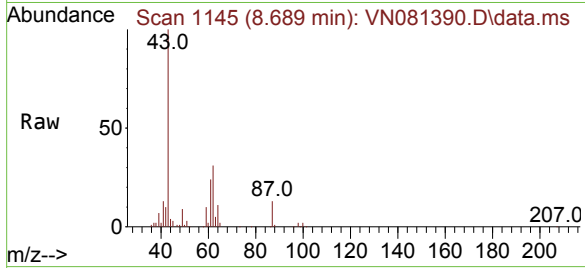




#43
Isopropyl Acetate
Concen: 18.634 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

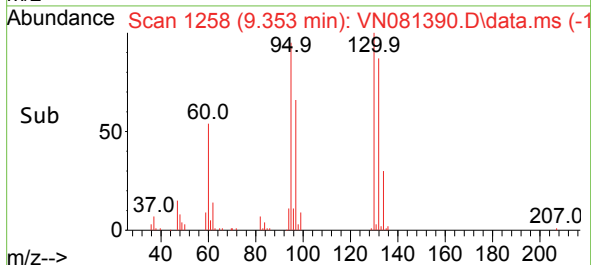
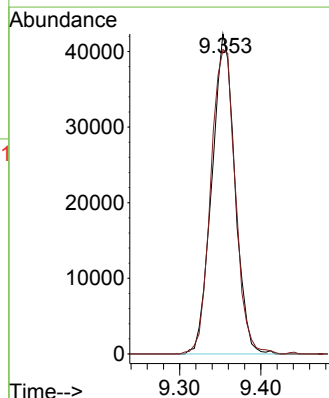
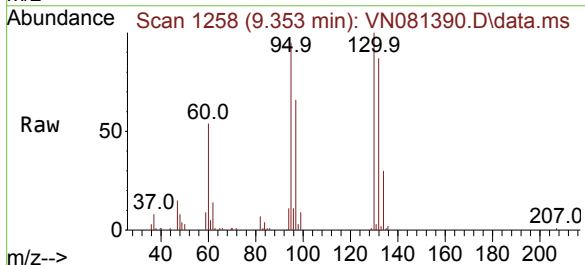
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

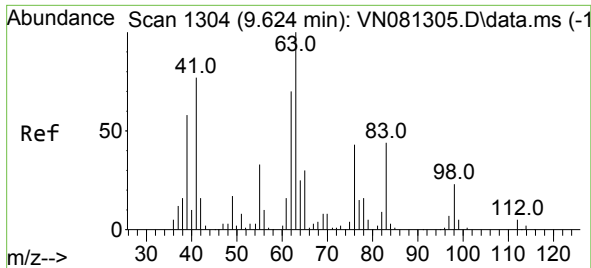
Tgt Ion: 43 Resp: 183260
Ion Ratio Lower Upper
43 100
61 25.4 19.9 29.9
87 14.0 9.0 13.6#



#44
Trichloroethene
Concen: 19.250 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion:130 Resp: 83300
Ion Ratio Lower Upper
130 100
95 95.2 0.0 210.4

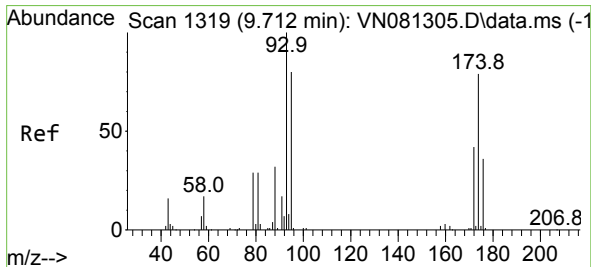
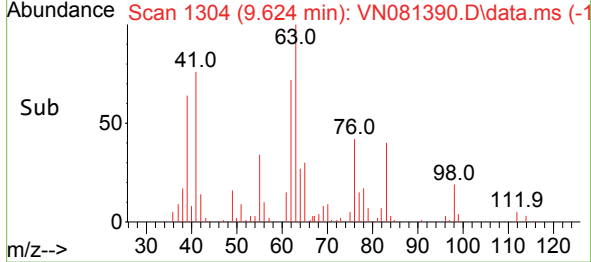
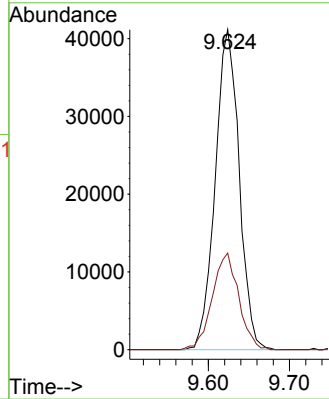
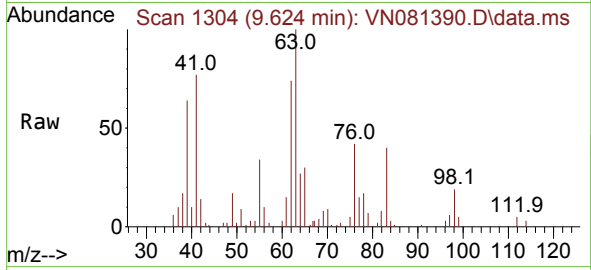




#45
1,2-Dichloropropane
Concen: 19.569 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

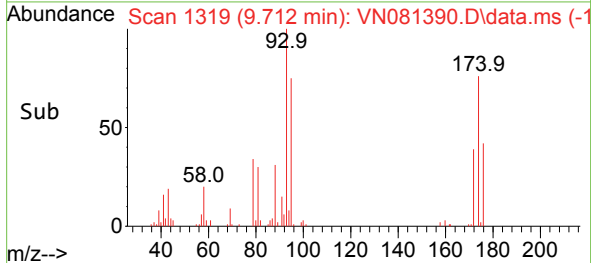
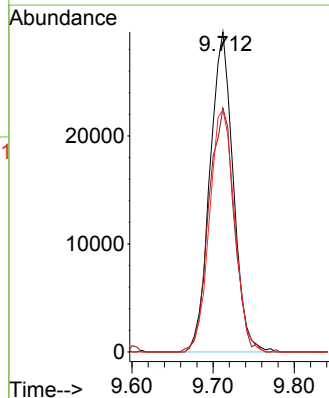
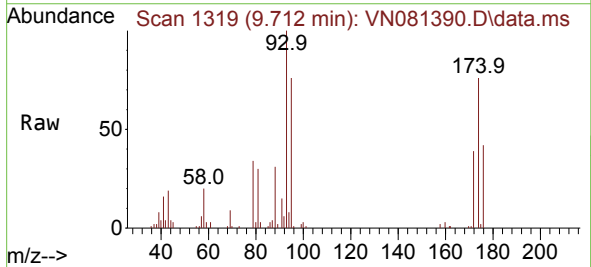
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

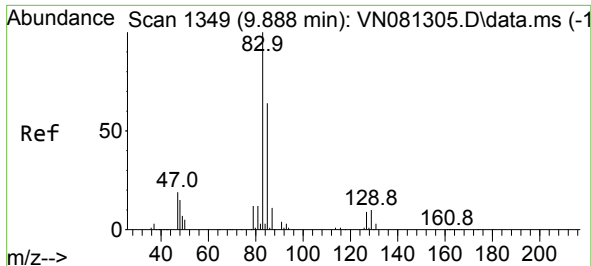
Tgt Ion: 63 Resp: 84344
Ion Ratio Lower Upper
63 100
65 30.2 26.1 39.1



#46
Dibromomethane
Concen: 19.409 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 93 Resp: 58964
Ion Ratio Lower Upper
93 100
95 83.1 68.1 102.1
174 81.4 57.2 85.8

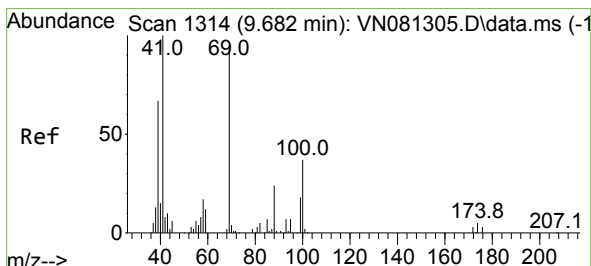
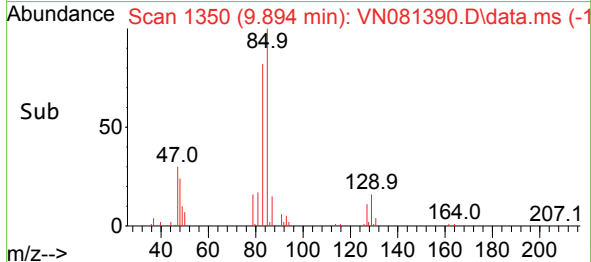
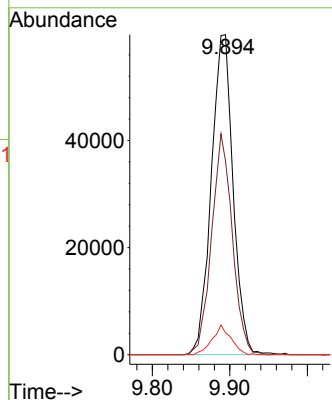
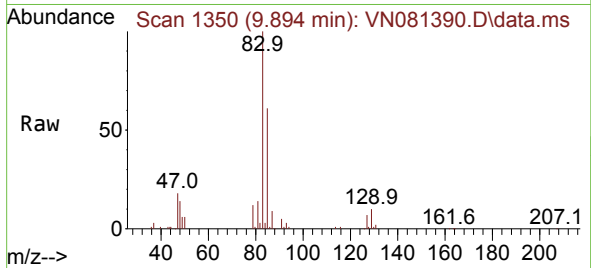




#47
Bromodichloromethane
Concen: 19.810 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

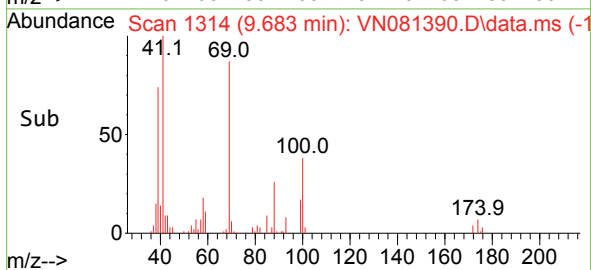
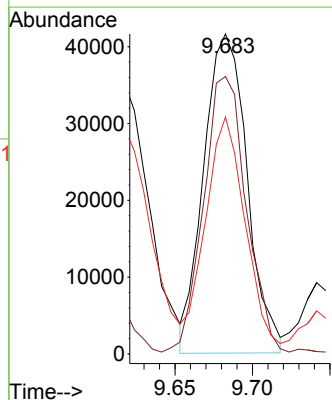
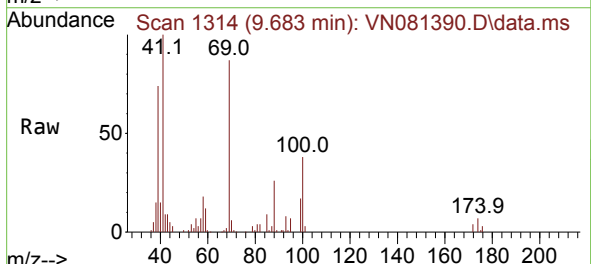
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

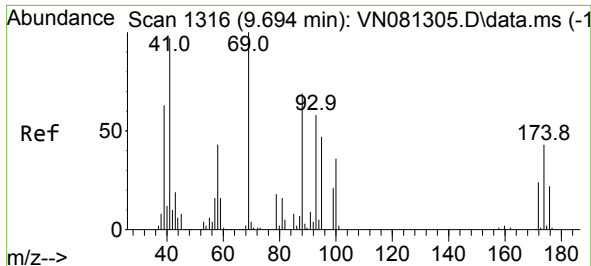
Tgt Ion: 83 Resp: 116832
Ion Ratio Lower Upper
83 100
85 60.5 52.3 78.5
127 6.8 4.6 7.0



#48
Methyl methacrylate
Concen: 18.627 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 41 Resp: 80976
Ion Ratio Lower Upper
41 100
69 85.1 62.2 93.2
39 68.6 47.6 71.4





#49

1,4-Dioxane

Concen: 371.002 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

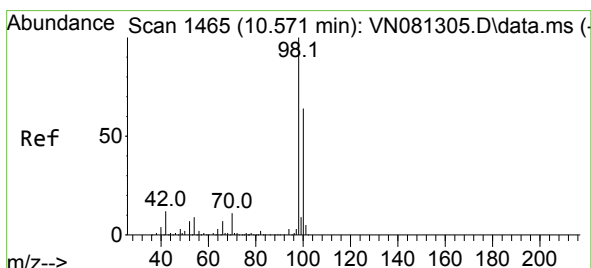
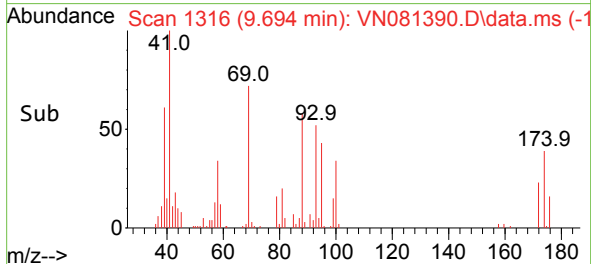
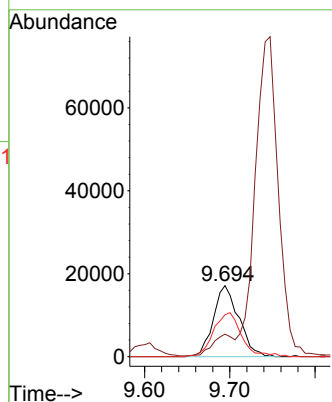
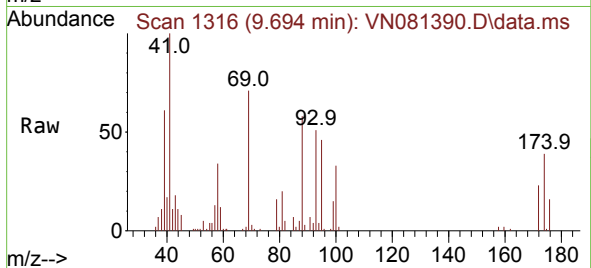
Tgt Ion: 88 Resp: 35548

Ion Ratio Lower Upper

88 100

43 27.6 30.1 45.1#

58 68.3 63.9 95.9



#50

Toluene-d8

Concen: 50.126 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081390.D

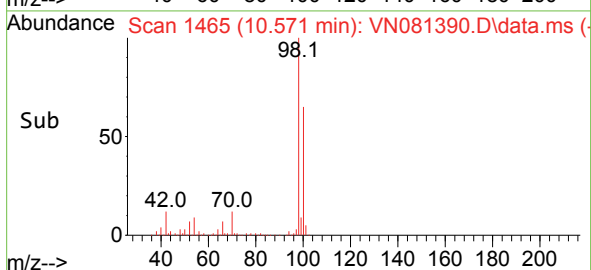
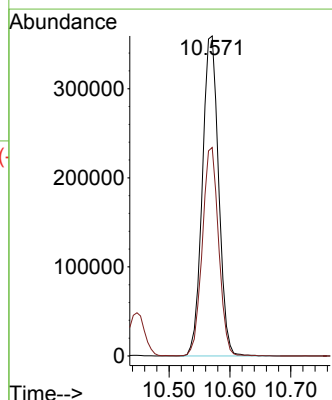
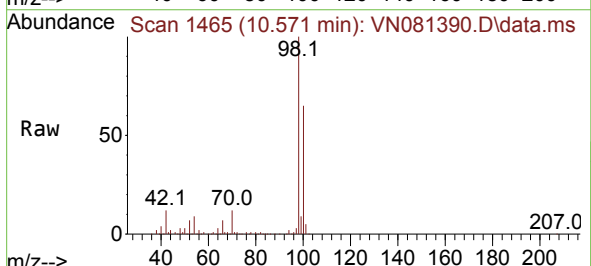
Acq: 13 Mar 2024 12:50

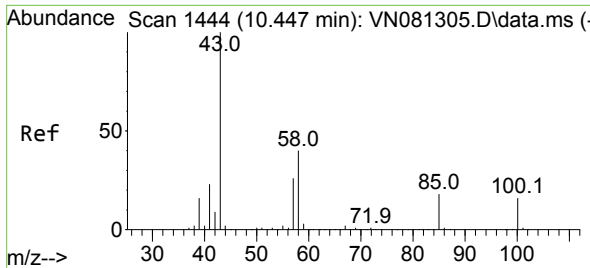
Tgt Ion: 98 Resp: 667625

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.0

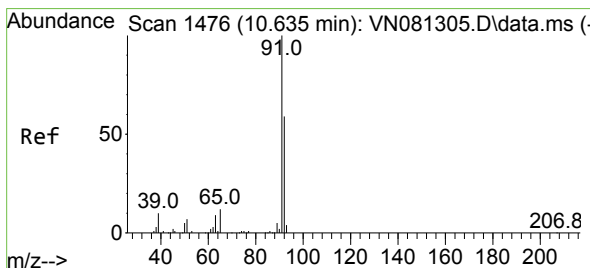
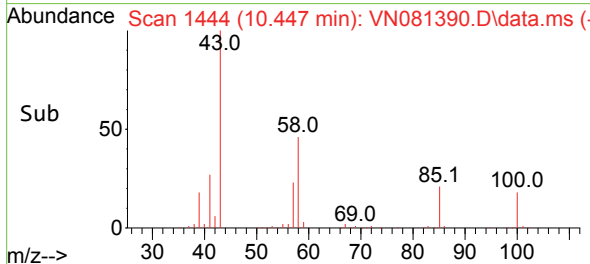
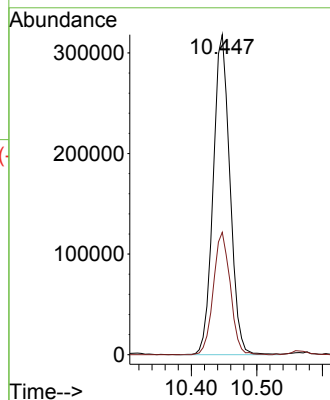
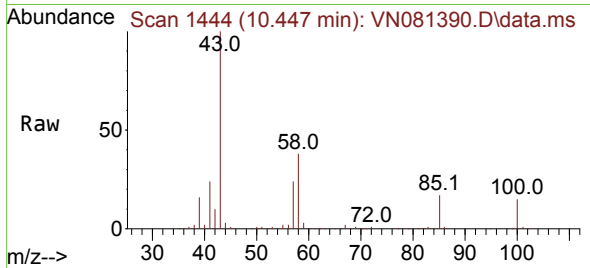




#51
4-Methyl-2-Pentanone
Concen: 98.720 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

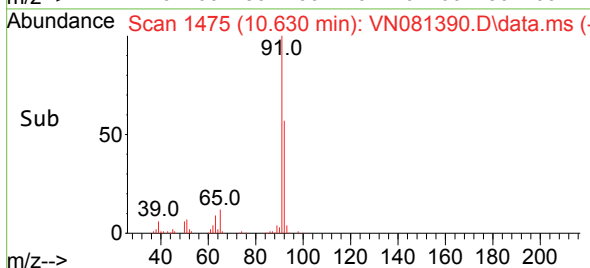
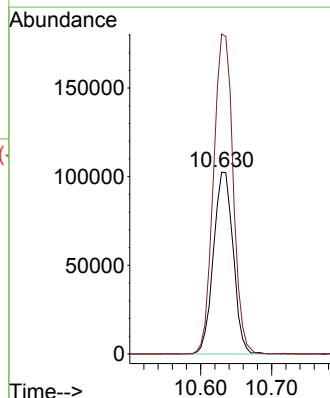
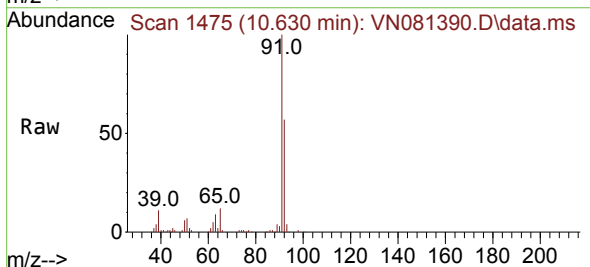
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

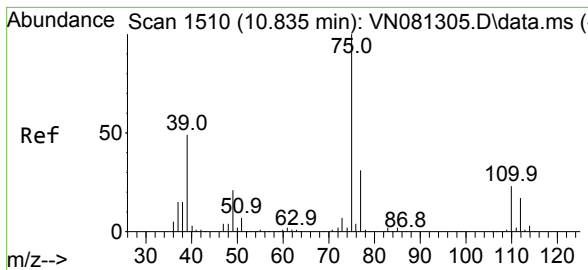
Tgt Ion: 43 Resp: 563744
Ion Ratio Lower Upper
43 100
58 38.6 29.4 44.0



#52
Toluene
Concen: 19.018 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 92 Resp: 197106
Ion Ratio Lower Upper
92 100
91 175.0 139.4 209.0

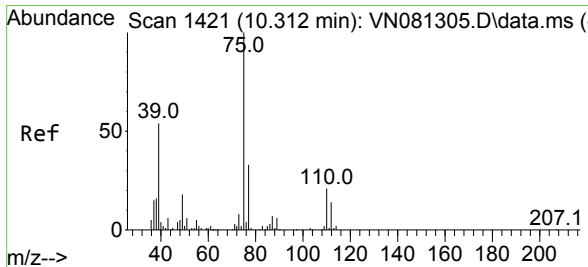
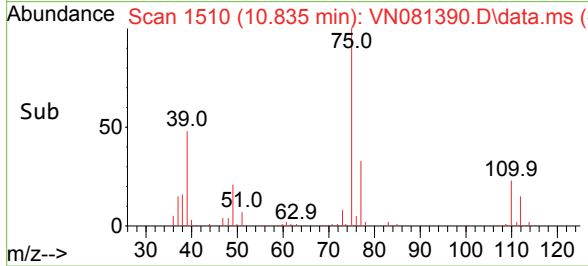
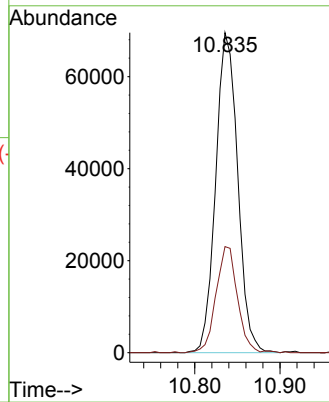
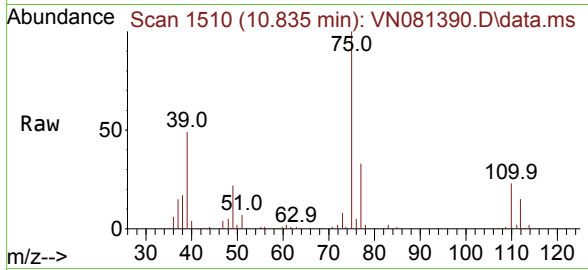




#53
t-1,3-Dichloropropene
Concen: 19.567 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

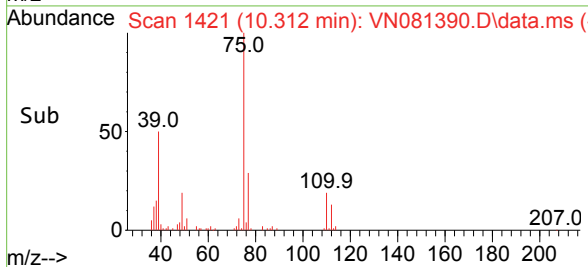
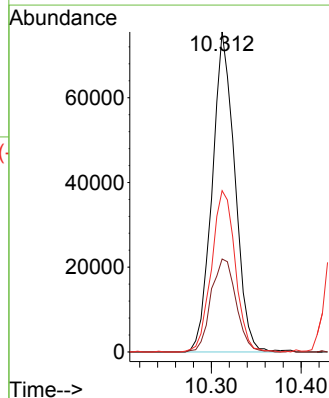
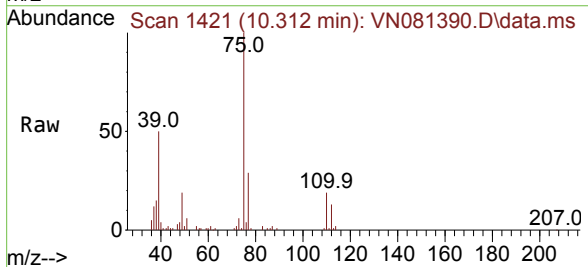
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

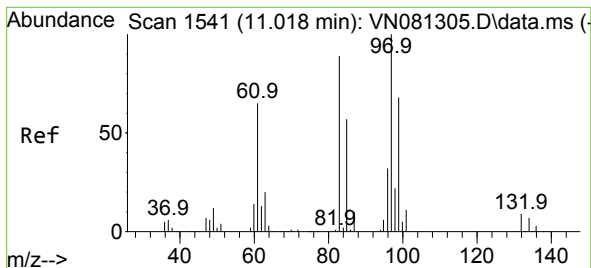
Tgt Ion: 75 Resp: 124858
Ion Ratio Lower Upper
75 100
77 33.2 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 19.166 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 75 Resp: 132031
Ion Ratio Lower Upper
75 100
77 29.1 23.3 34.9
39 50.4 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 19.280 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

Tgt Ion: 97 Resp: 79241

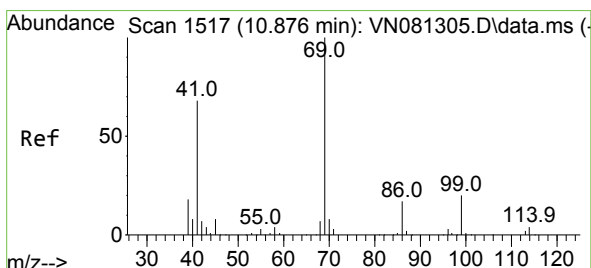
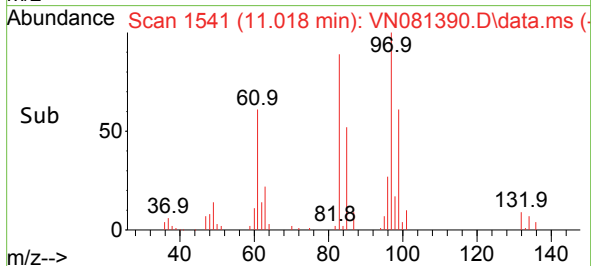
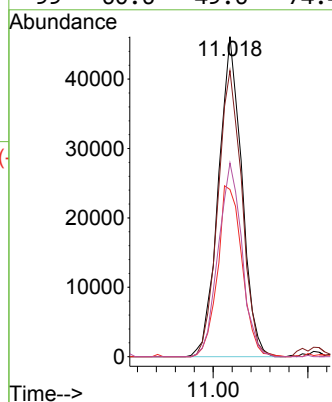
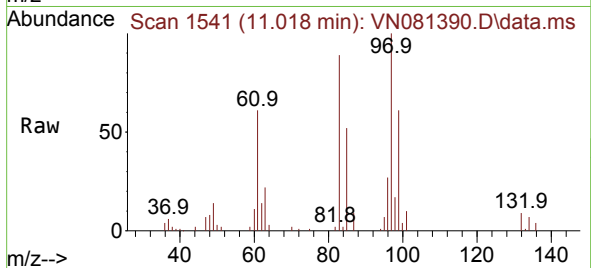
Ion Ratio Lower Upper

97 100

83 89.4 72.9 109.3

85 52.2 50.2 75.2

99 60.6 49.6 74.4



#56

Ethyl methacrylate

Concen: 19.553 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

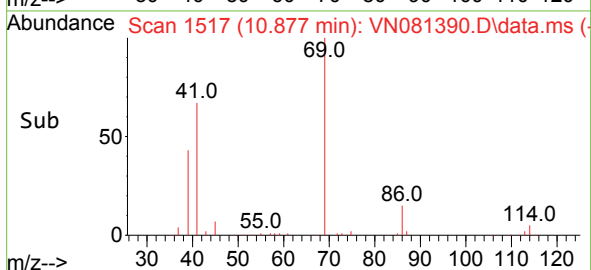
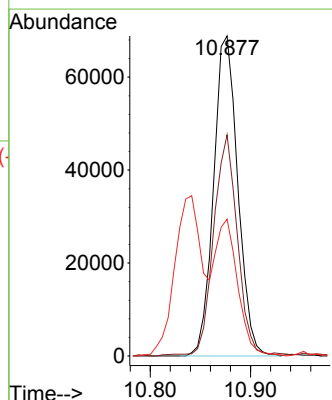
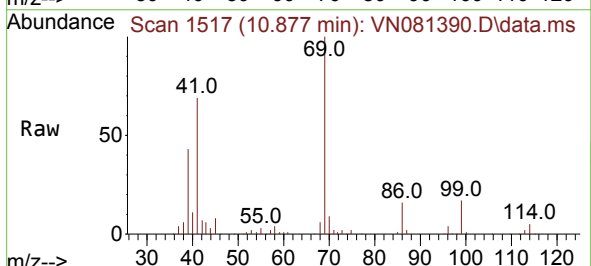
Tgt Ion: 69 Resp: 115396

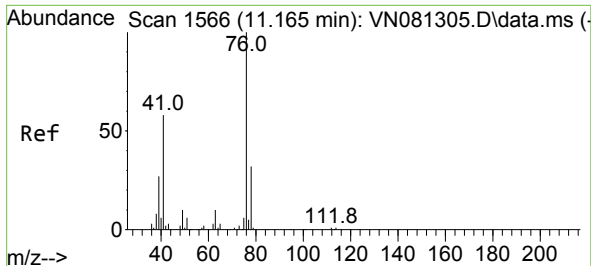
Ion Ratio Lower Upper

69 100

41 68.4 61.0 91.6

39 39.4 31.8 47.6





#57

1,3-Dichloropropane

Concen: 19.149 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

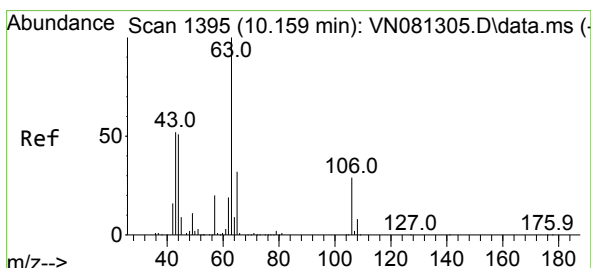
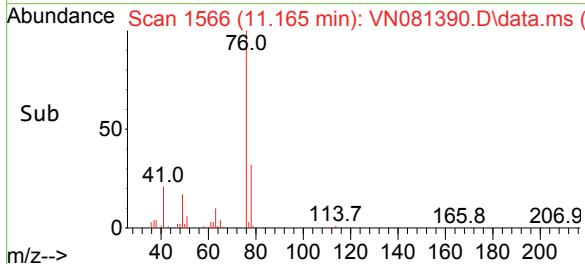
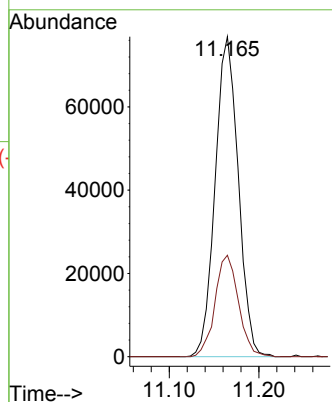
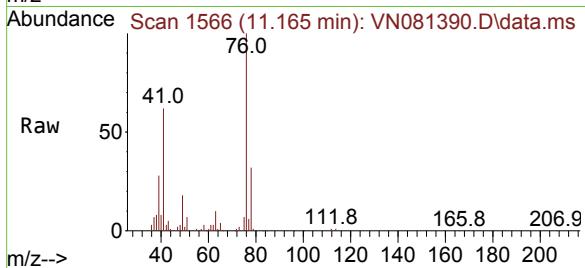
VN0313WBSD01

Tgt Ion: 76 Resp: 137361

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 100.967 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081390.D

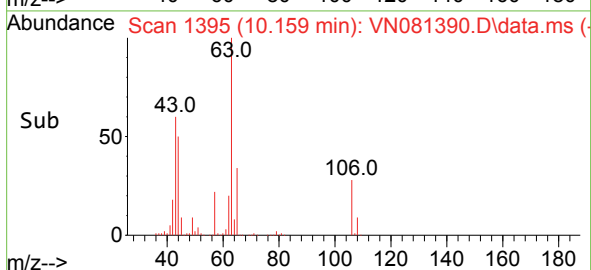
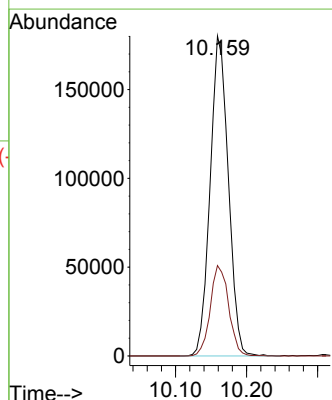
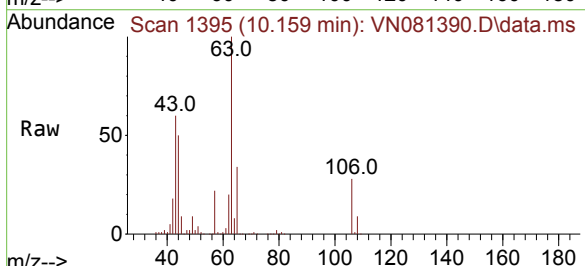
Acq: 13 Mar 2024 12:50

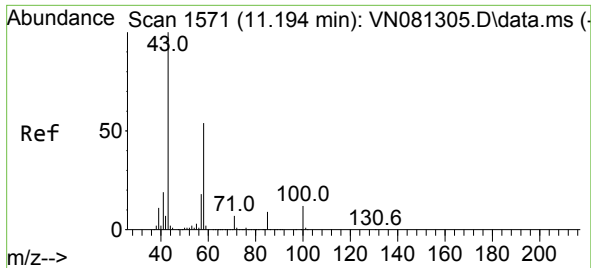
Tgt Ion: 63 Resp: 320529

Ion Ratio Lower Upper

63 100

106 28.5 18.6 28.0#

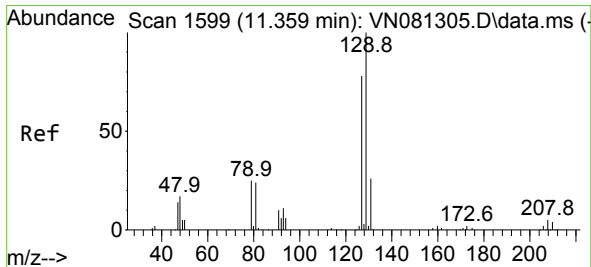
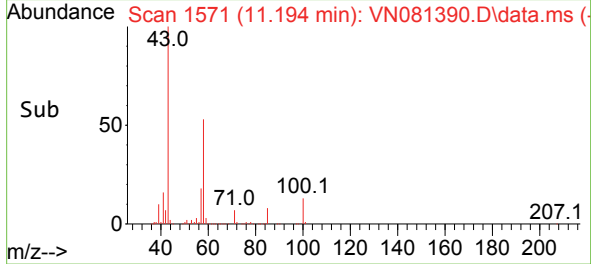
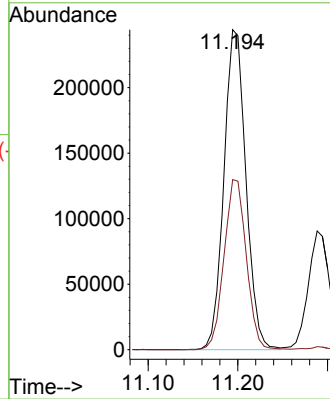
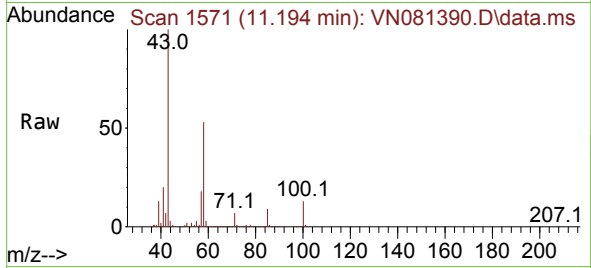




#59
2-Hexanone
Concen: 97.464 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

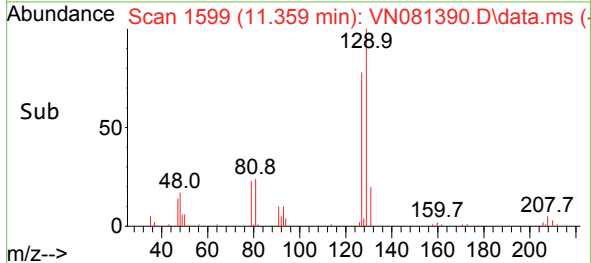
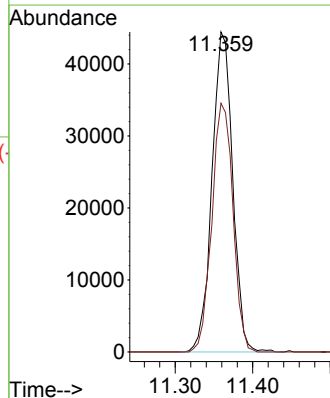
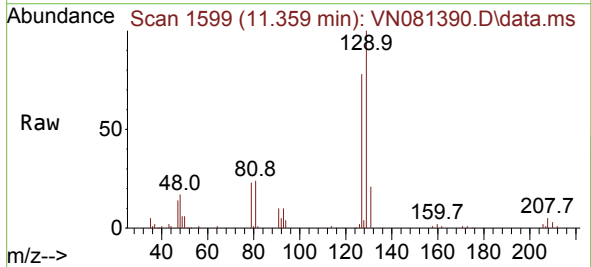
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

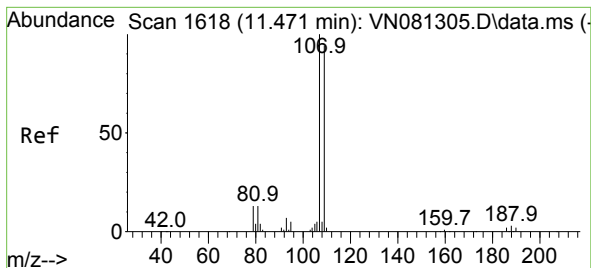
Tgt Ion: 43 Resp: 416085
Ion Ratio Lower Upper
43 100
58 53.8 25.9 77.8



#60
Dibromochloromethane
Concen: 19.417 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 129 Resp: 82188
Ion Ratio Lower Upper
129 100
127 79.4 39.4 118.2

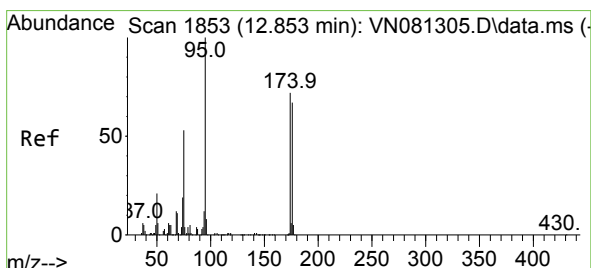
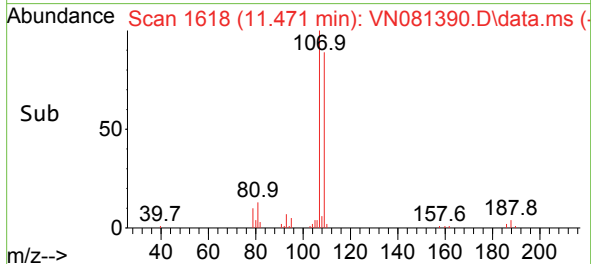
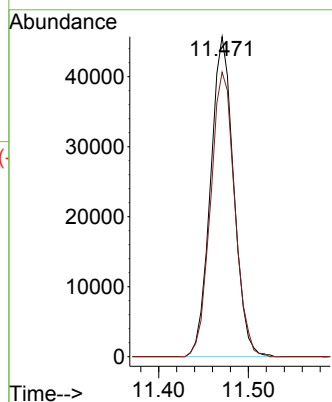
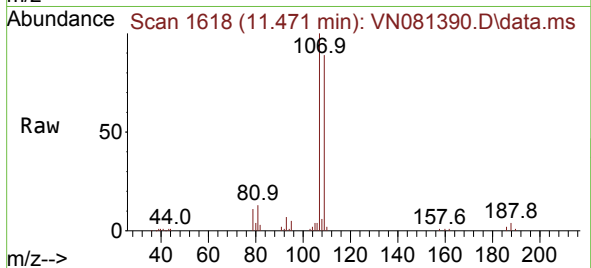




#61
1,2-Dibromoethane
Concen: 19.220 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

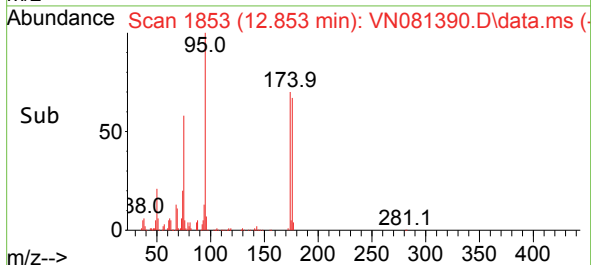
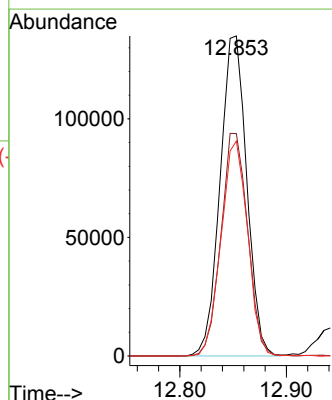
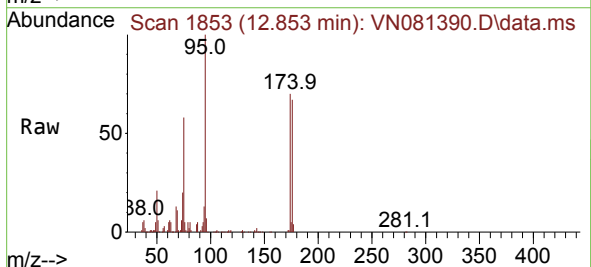
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

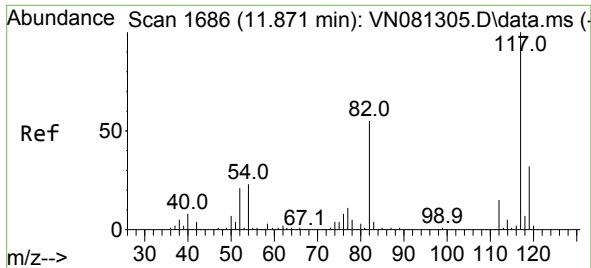
Tgt Ion:107 Resp: 81963
Ion Ratio Lower Upper
107 100
109 92.5 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 49.834 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 95 Resp: 234591
Ion Ratio Lower Upper
95 100
174 69.7 0.0 120.4
176 66.9 0.0 121.0

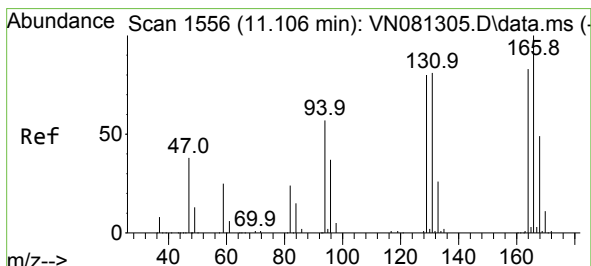
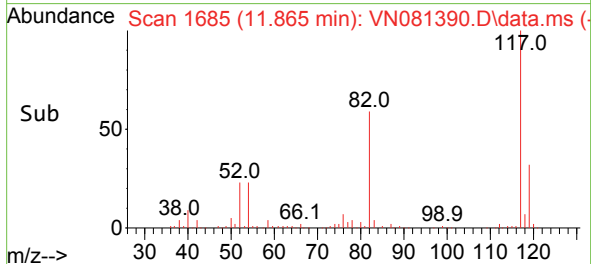
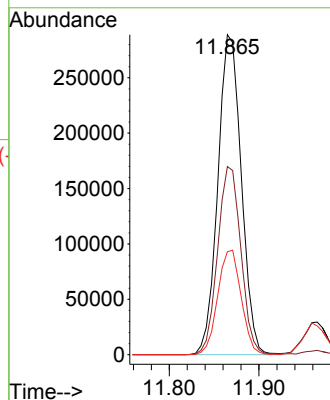
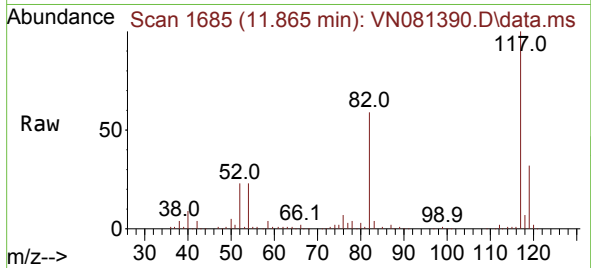




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

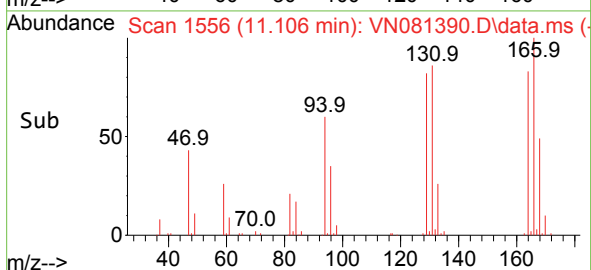
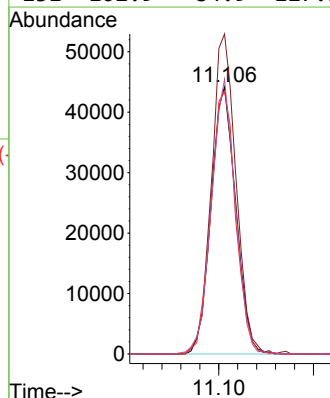
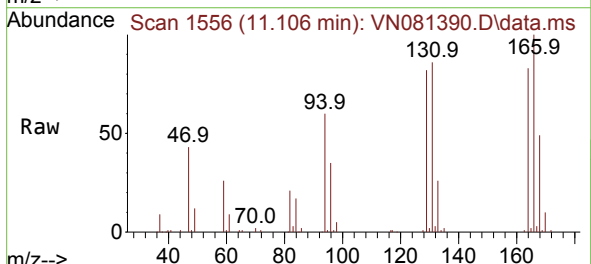
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

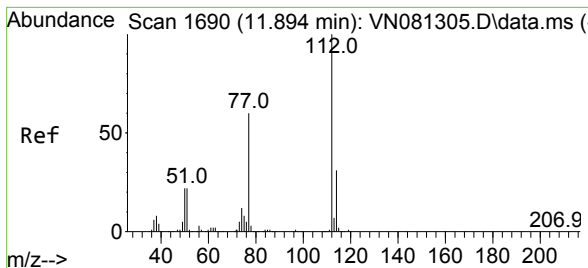
Tgt Ion:117 Resp: 525035
Ion Ratio Lower Upper
117 100
82 58.8 52.7 79.1
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 19.505 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion:164 Resp: 80184
Ion Ratio Lower Upper
164 100
166 119.8 105.8 158.6
129 98.2 89.6 134.4
131 102.9 84.9 127.3

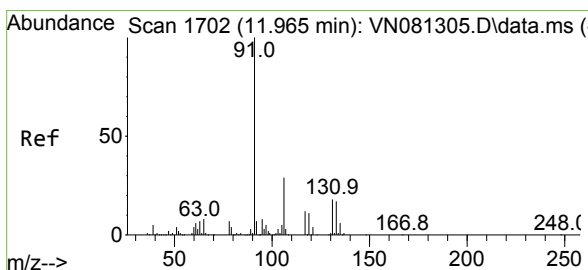
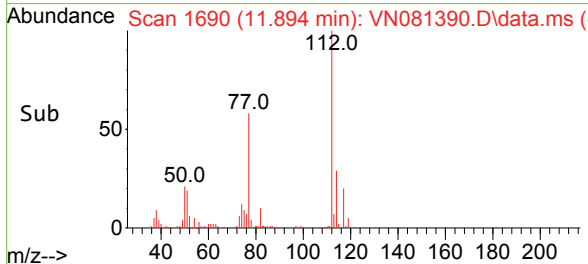
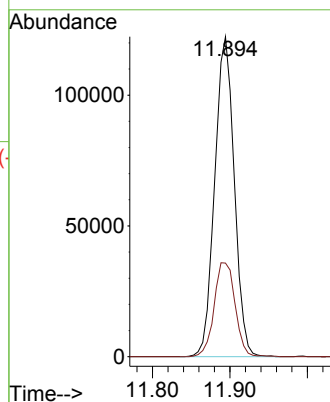
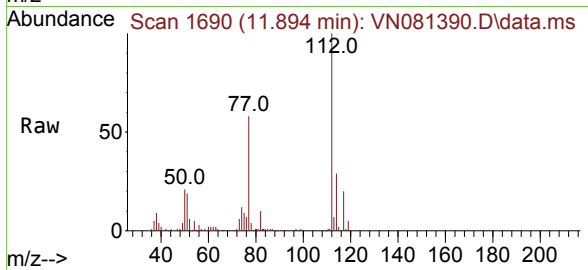




#65
Chlorobenzene
Concen: 19.335 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

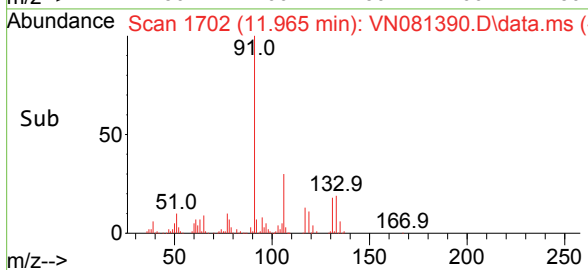
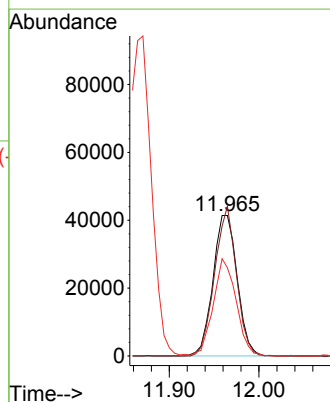
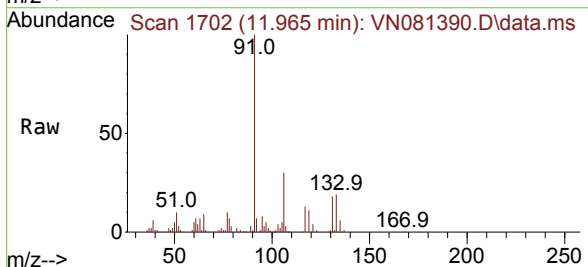
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

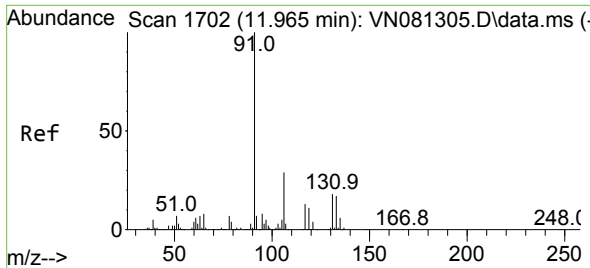
Tgt Ion:112 Resp: 213920
Ion Ratio Lower Upper
112 100
114 29.3 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.179 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion:131 Resp: 77647
Ion Ratio Lower Upper
131 100
133 95.4 46.8 140.3
119 65.2 34.6 103.9

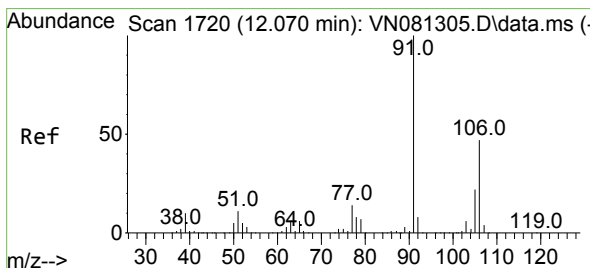
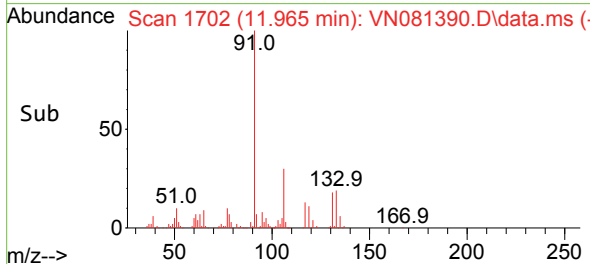
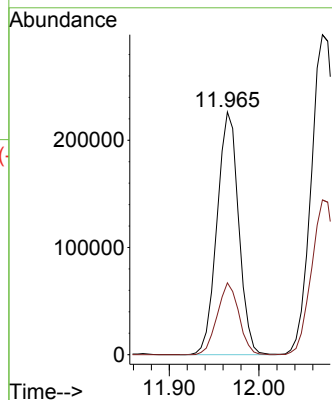
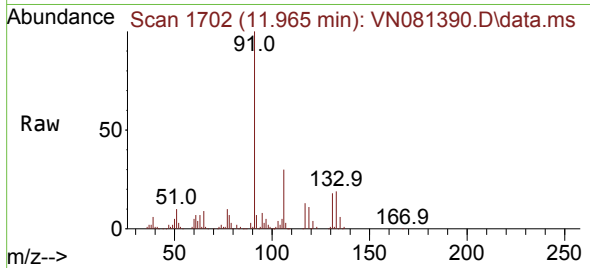




#67
Ethyl Benzene
Concen: 19.013 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

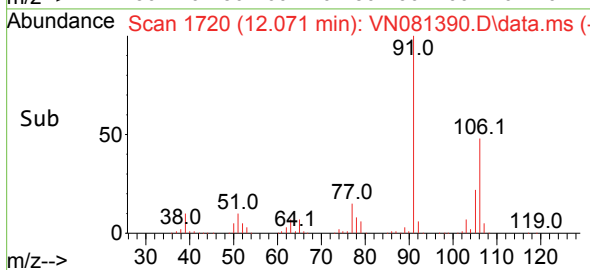
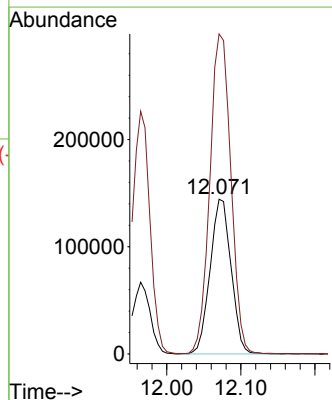
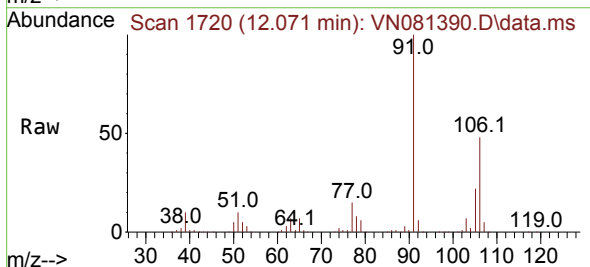
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

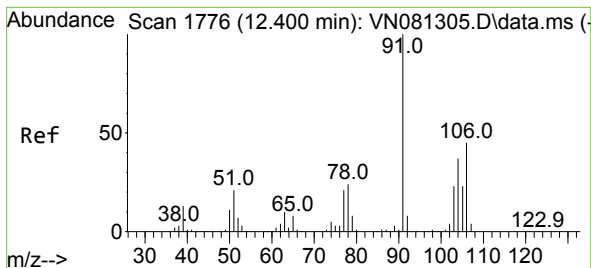
Tgt Ion: 91 Resp: 378933
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.6



#68
m/p-Xylenes
Concen: 37.918 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion:106 Resp: 284397
Ion Ratio Lower Upper
106 100
91 207.5 169.0 253.6





#69

o-Xylene

Concen: 18.647 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

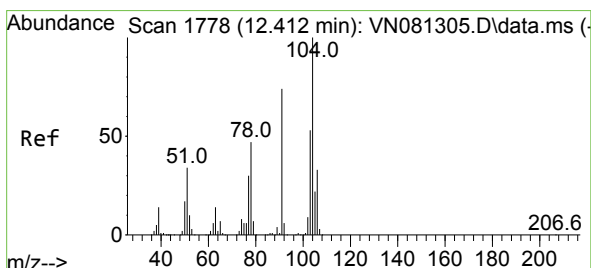
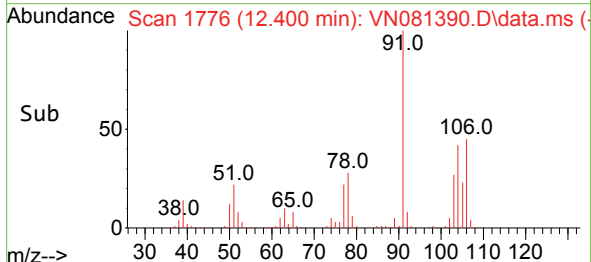
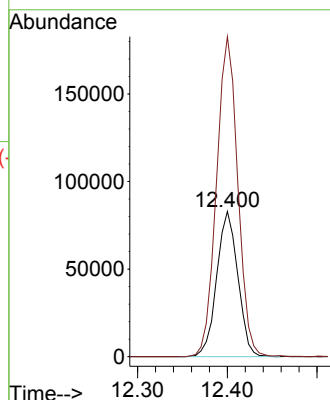
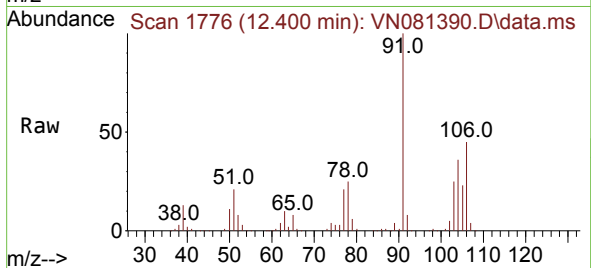
VN0313WBSD01

Tgt Ion:106 Resp: 135545

Ion Ratio Lower Upper

106 100

91 222.5 112.1 336.3



#70

Styrene

Concen: 19.255 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

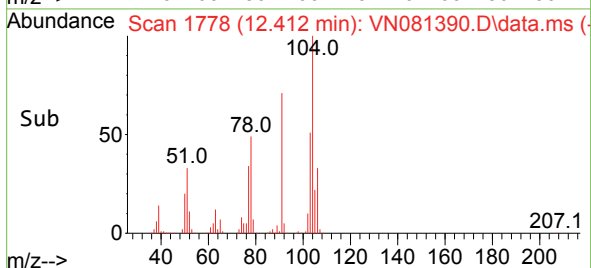
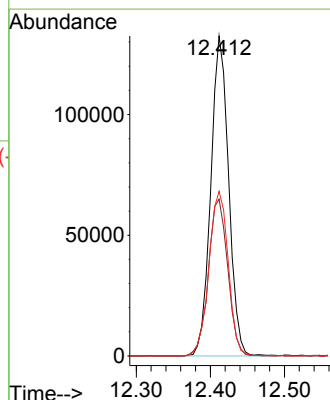
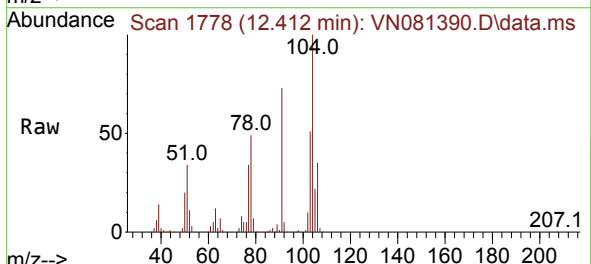
Tgt Ion:104 Resp: 221801

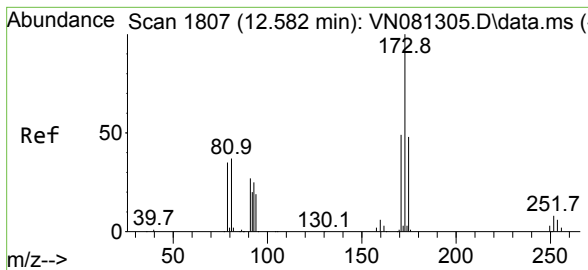
Ion Ratio Lower Upper

104 100

78 53.1 43.8 65.8

103 55.7 44.2 66.2





#71

Bromoform

Concen: 18.816 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

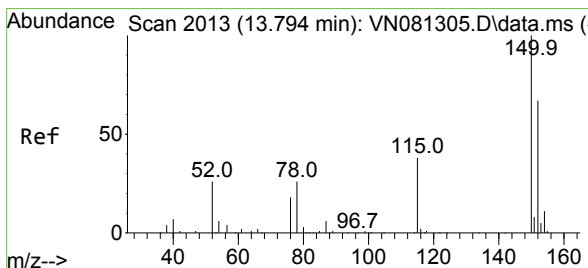
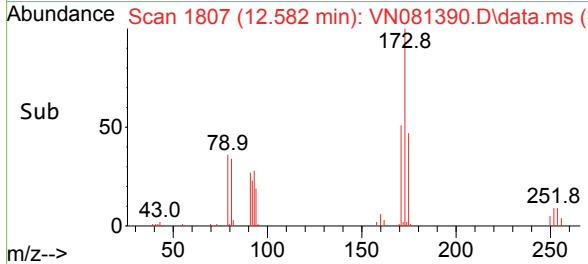
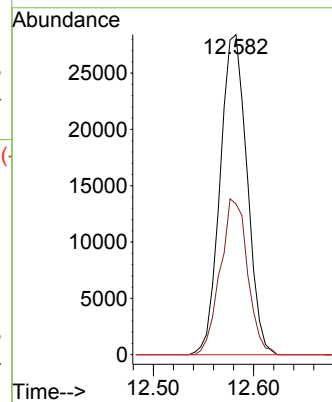
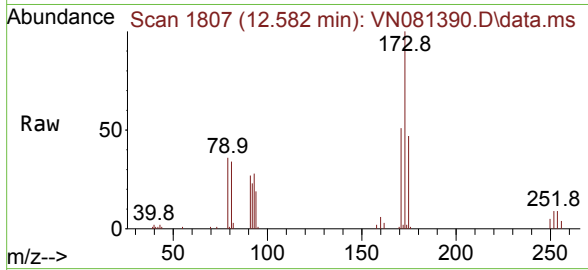
Tgt Ion:173 Resp: 52885

Ion Ratio Lower Upper

173 100

175 49.4 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: VN081390.D

Acq: 13 Mar 2024 12:50

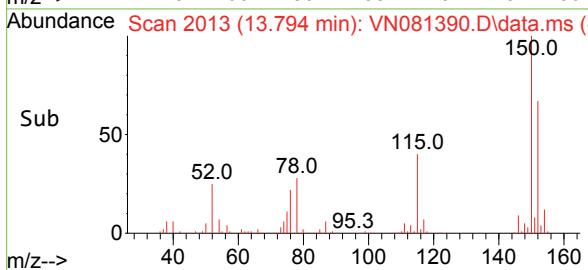
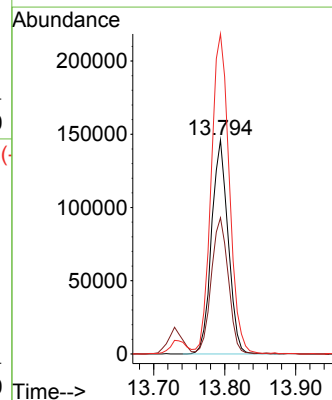
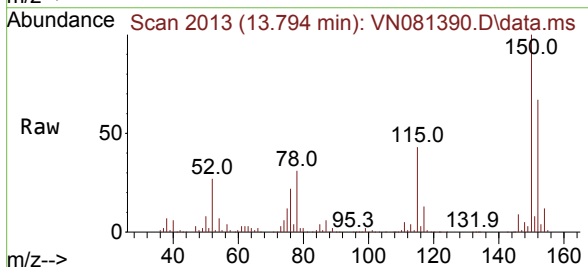
Tgt Ion:152 Resp: 236940

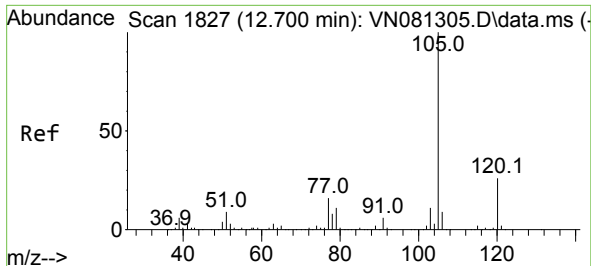
Ion Ratio Lower Upper

152 100

115 64.9 32.3 96.8

150 162.7 0.0 339.8

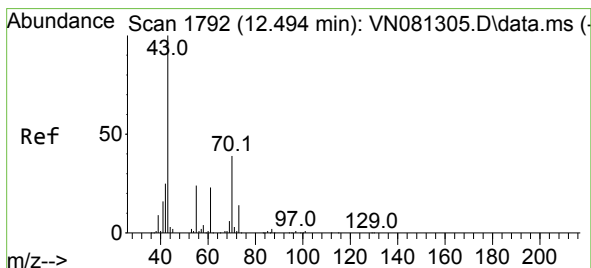
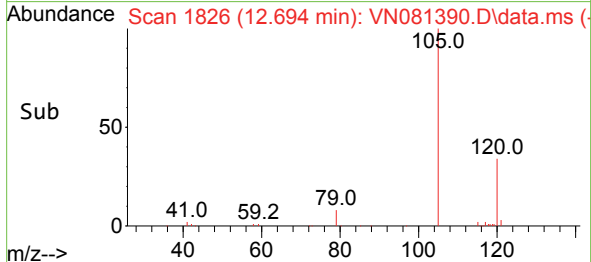
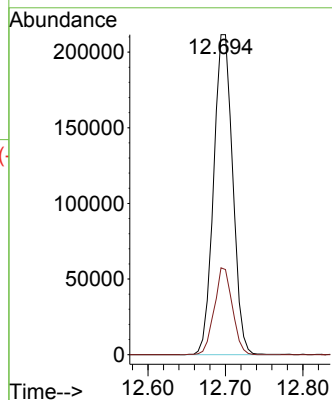
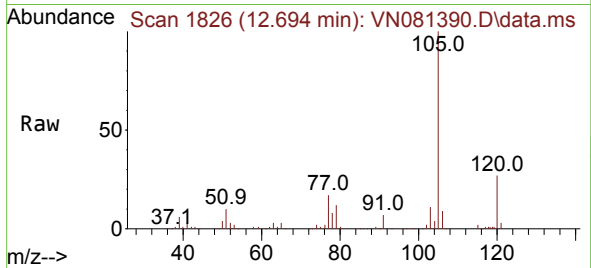




#73
Isopropylbenzene
Concen: 18.883 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

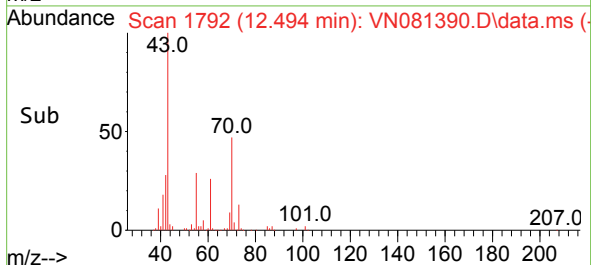
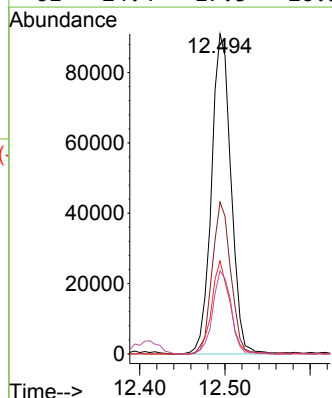
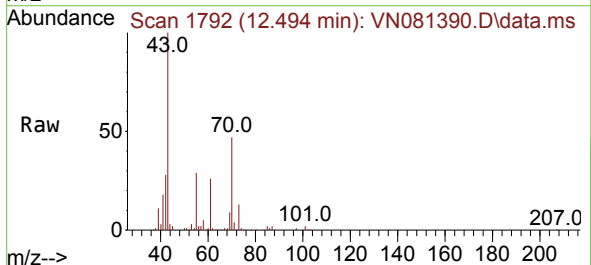
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

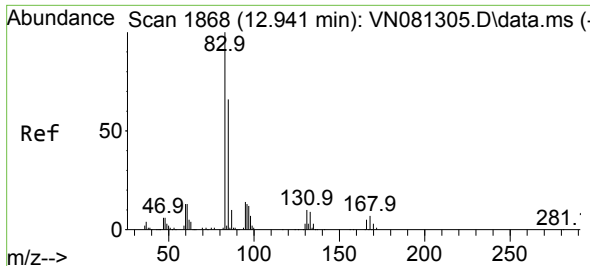
Tgt Ion:105 Resp: 361279
Ion Ratio Lower Upper
105 100
120 25.8 12.6 37.6



#74
N-ethyl acetate
Concen: 18.057 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 43 Resp: 144962
Ion Ratio Lower Upper
43 100
70 45.3 30.1 45.1#
55 27.0 17.0 25.4#
61 24.4 17.5 26.3

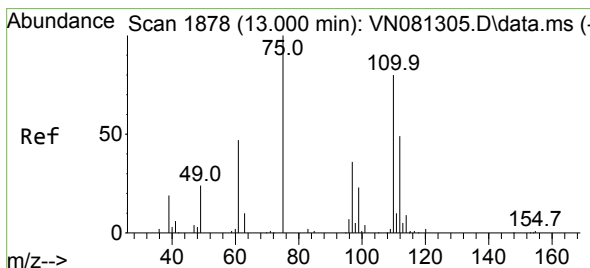
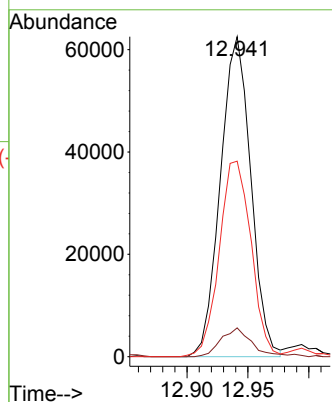
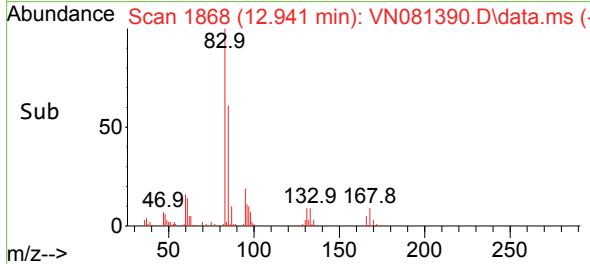
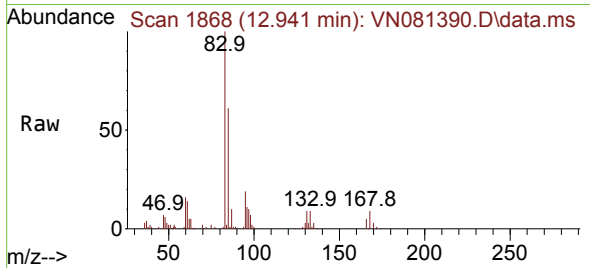




#75
1,1,2,2-Tetrachloroethane
Concen: 18.432 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

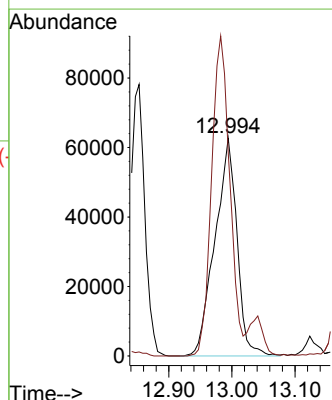
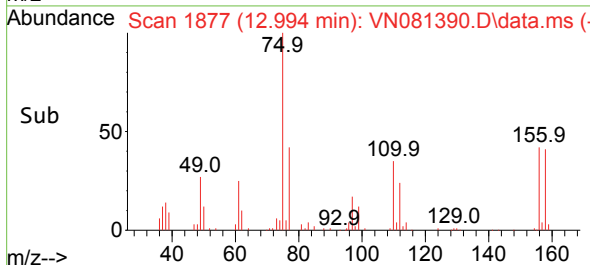
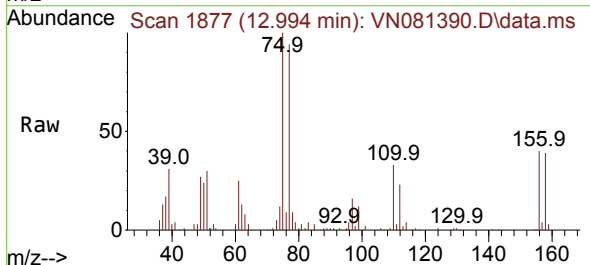
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

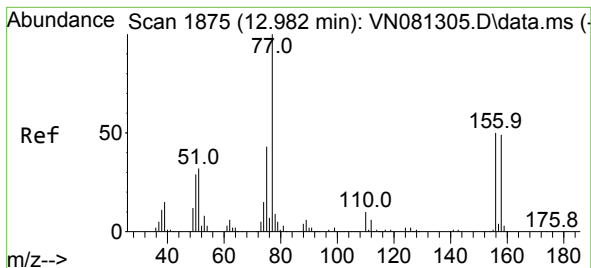
Tgt Ion: 83 Resp: 108836
Ion Ratio Lower Upper
83 100
131 9.3 4.1 12.3
85 63.8 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 27.156 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 75 Resp: 151975
Ion Ratio Lower Upper
75 100
77 121.3 91.0 272.8





#77

Bromobenzene

Concen: 17.932 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

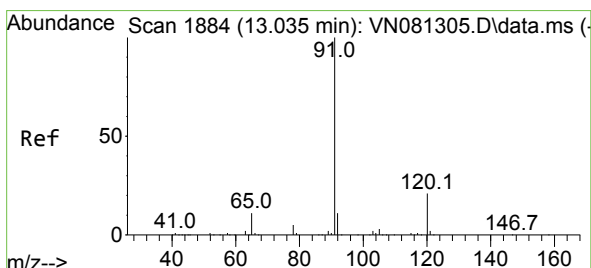
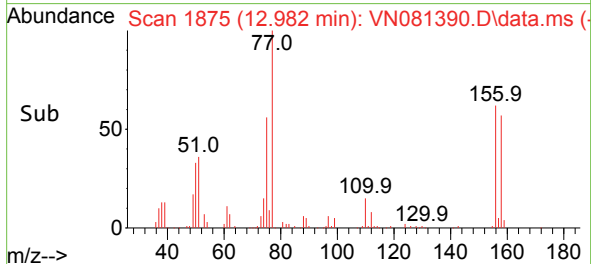
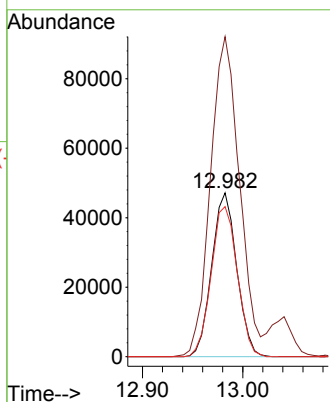
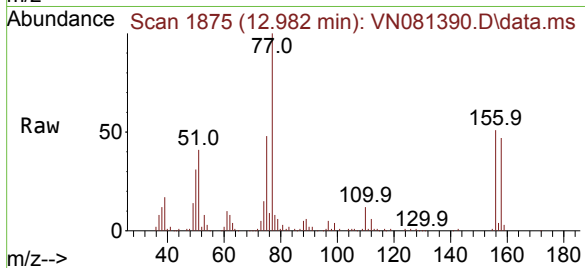
Tgt Ion:156 Resp: 81348

Ion Ratio Lower Upper

156 100

77 226.6 138.1 414.3

158 95.9 46.5 139.5



#78

n-propylbenzene

Concen: 18.733 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081390.D

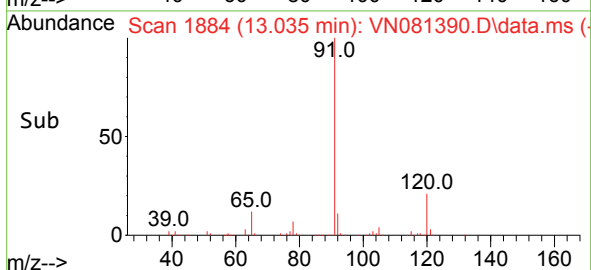
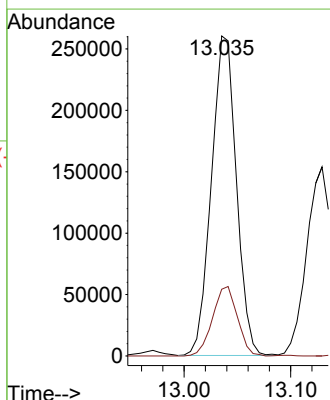
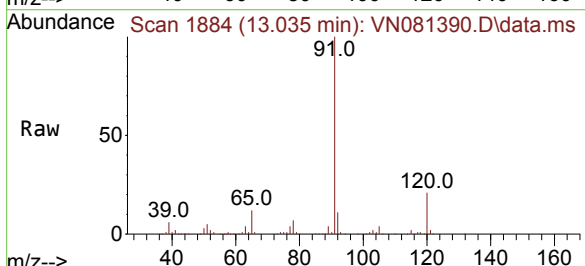
Acq: 13 Mar 2024 12:50

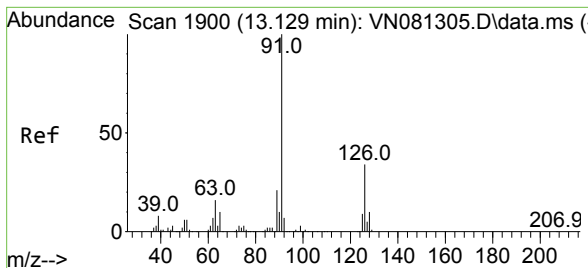
Tgt Ion: 91 Resp: 423922

Ion Ratio Lower Upper

91 100

120 21.6 10.3 30.9

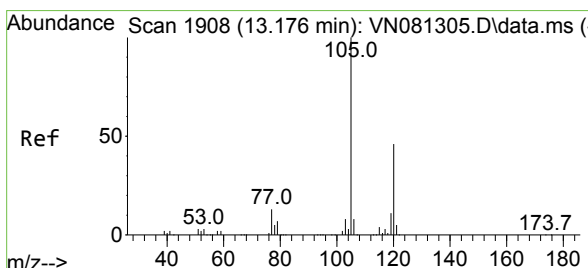
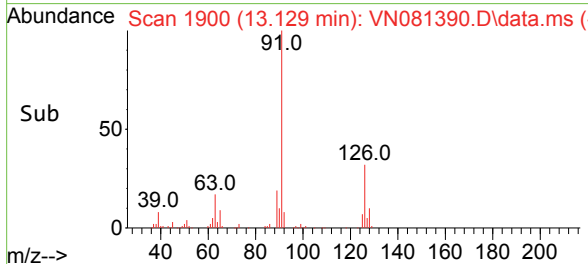
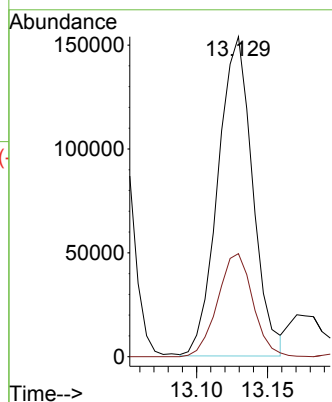
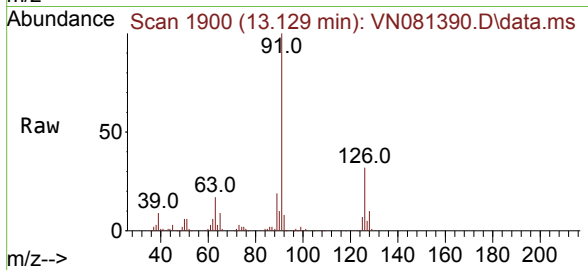




#79
2-Chlorotoluene
Concen: 18.919 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

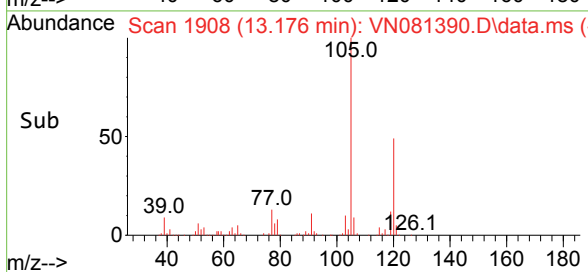
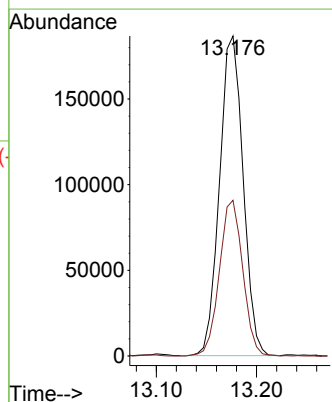
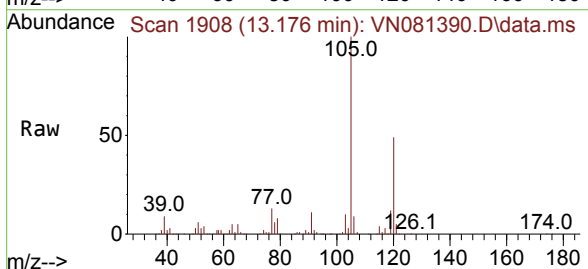
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

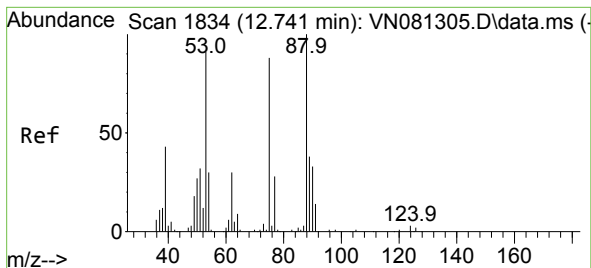
Tgt Ion: 91 Resp: 261703
Ion Ratio Lower Upper
91 100
126 32.7 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 19.237 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion:105 Resp: 304249
Ion Ratio Lower Upper
105 100
120 48.4 23.0 69.0

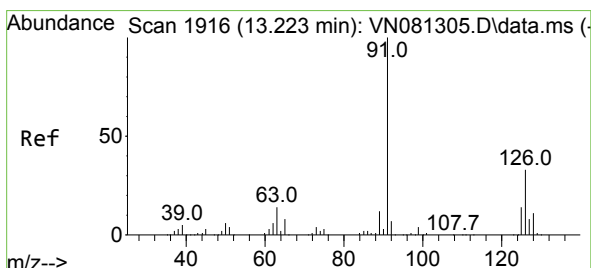
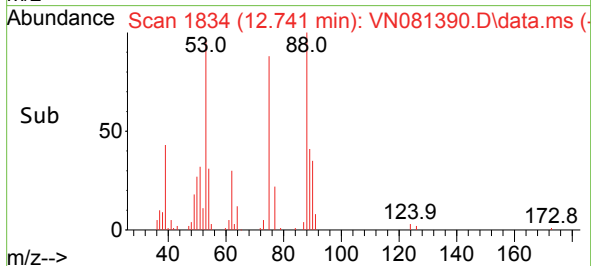
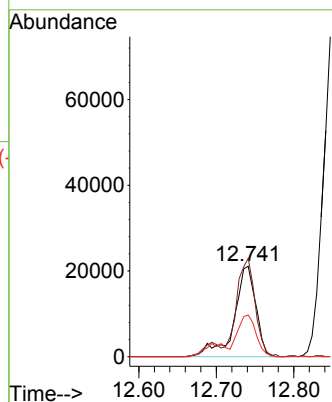
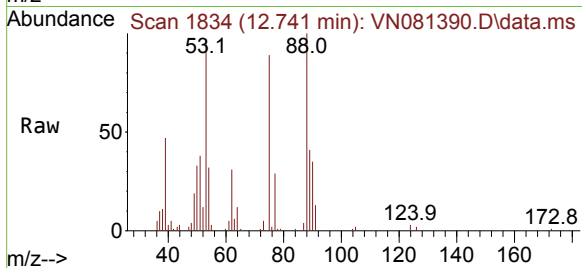




#81
trans-1,4-Dichloro-2-butene
Concen: 20.428 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

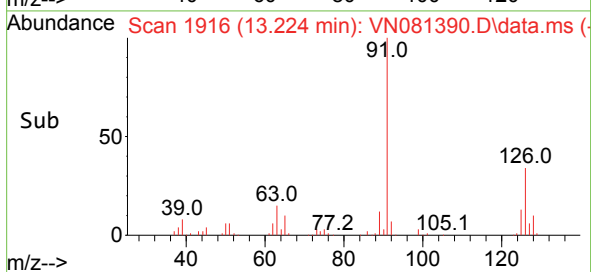
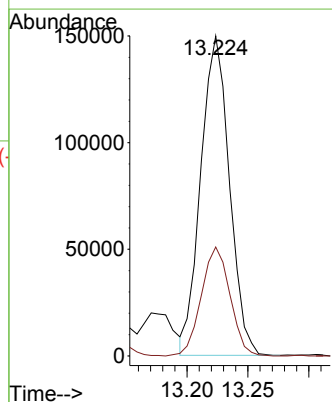
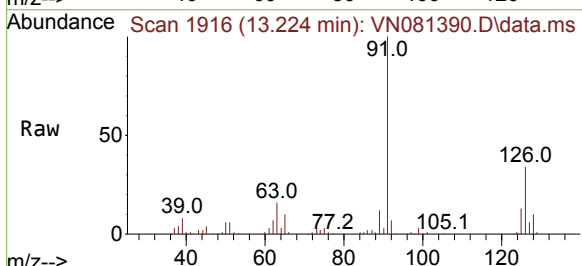
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

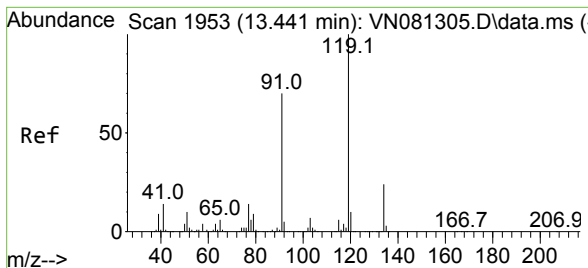
Tgt Ion: 75 Resp: 40964
Ion Ratio Lower Upper
75 100
53 93.8 71.4 107.2
89 39.1 33.4 50.0



#82
4-Chlorotoluene
Concen: 17.963 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion: 91 Resp: 245427
Ion Ratio Lower Upper
91 100
126 34.2 15.3 45.9





#83

tert-Butylbenzene

Concen: 18.526 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

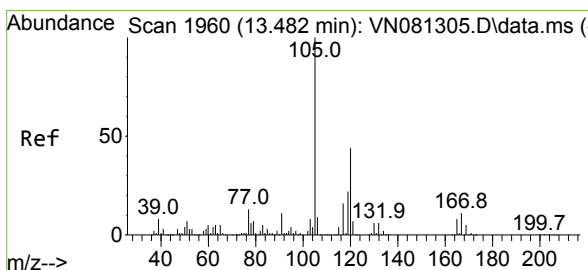
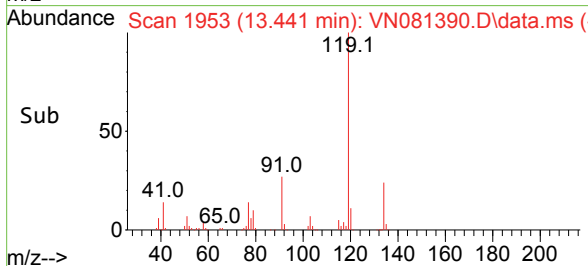
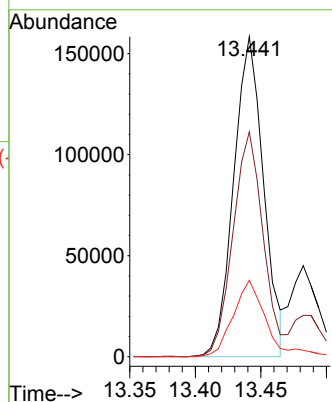
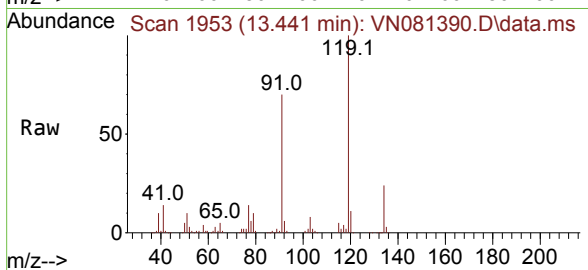
Tgt Ion:119 Resp: 251192

Ion Ratio Lower Upper

119 100

91 71.9 36.8 110.4

134 26.4 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 19.153 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081390.D

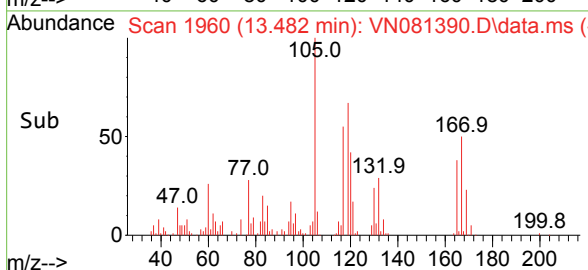
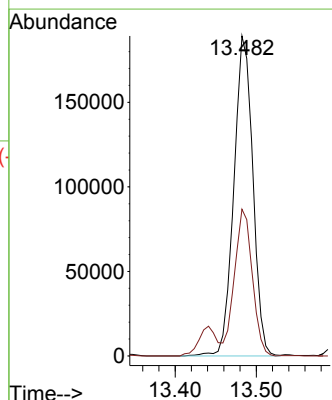
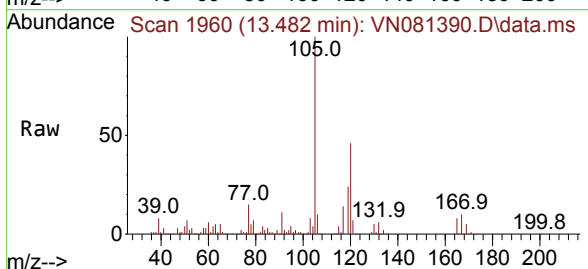
Acq: 13 Mar 2024 12:50

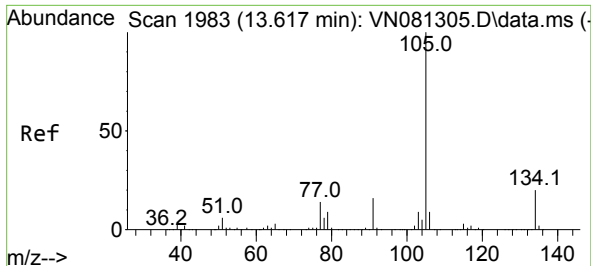
Tgt Ion:105 Resp: 306904

Ion Ratio Lower Upper

105 100

120 42.8 20.9 62.7

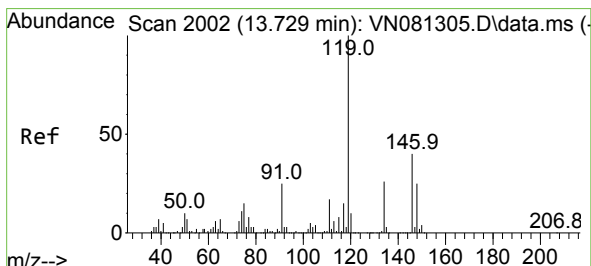
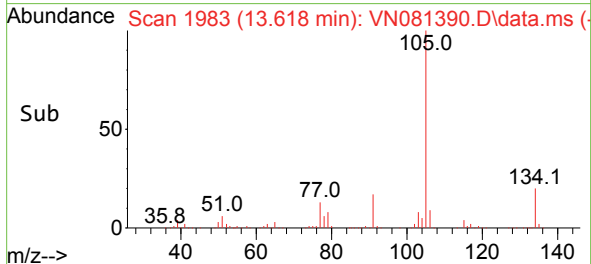
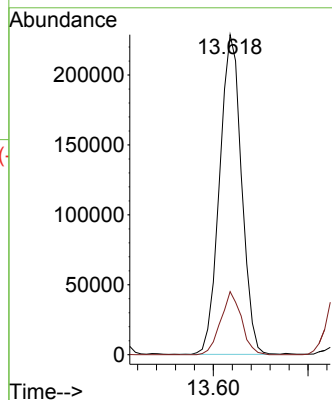
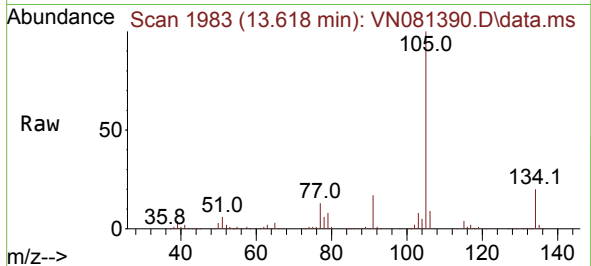




#85
 sec-Butylbenzene
 Concen: 18.781 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081390.D
 Acq: 13 Mar 2024 12:50

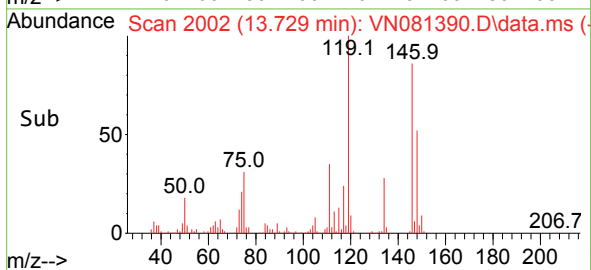
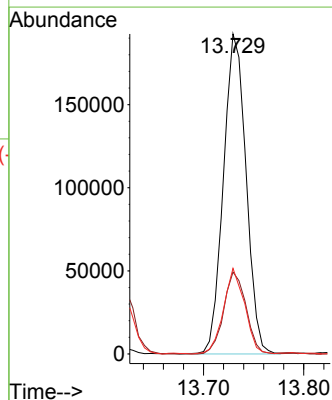
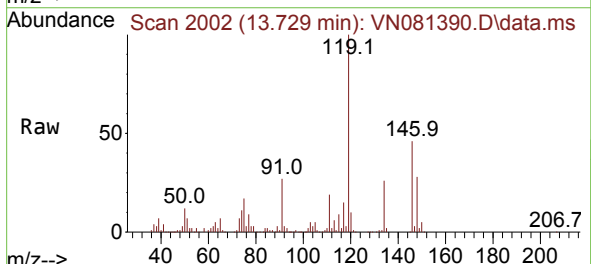
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBSD01

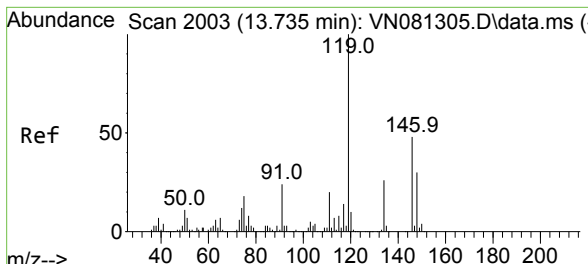
Tgt Ion:105 Resp: 368417
 Ion Ratio Lower Upper
 105 100
 134 18.7 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 19.215 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081390.D
 Acq: 13 Mar 2024 12:50

Tgt Ion:119 Resp: 302281
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.4 37.2
 91 25.0 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 18.323 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

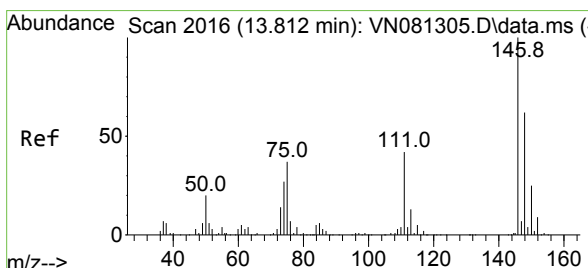
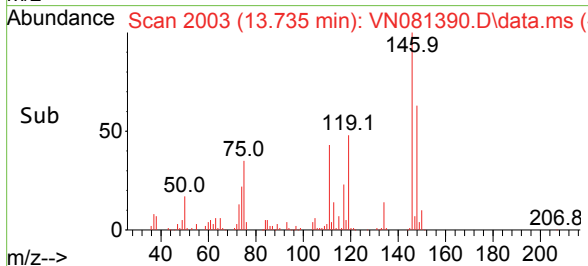
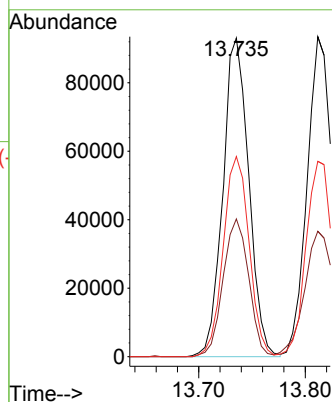
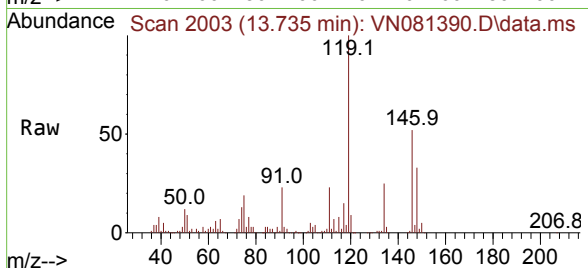
Tgt Ion:146 Resp: 156947

Ion Ratio Lower Upper

146 100

111 42.9 23.9 71.7

148 62.8 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 17.976 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

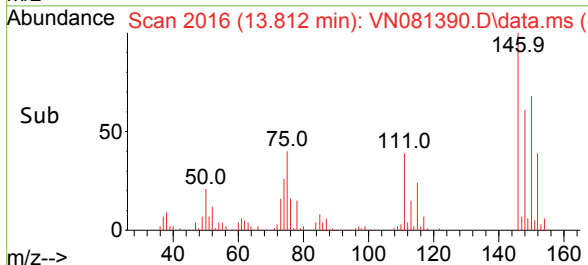
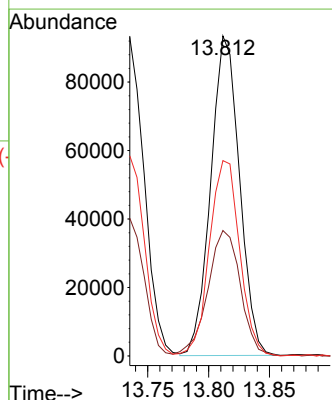
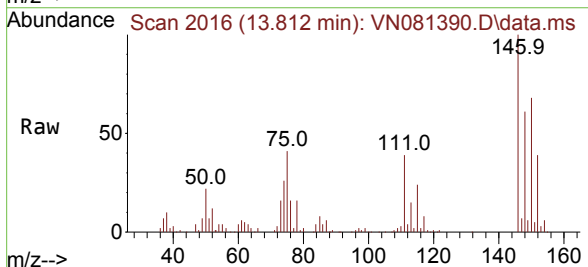
Tgt Ion:146 Resp: 153899

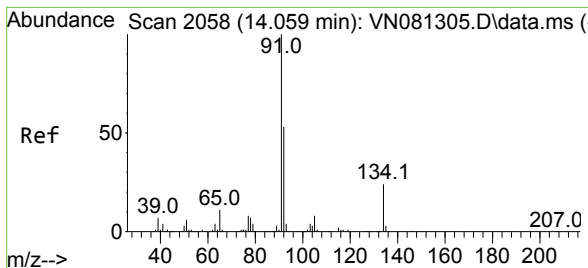
Ion Ratio Lower Upper

146 100

111 44.0 22.6 67.7

148 63.8 31.9 95.5





#89

n-Butylbenzene

Concen: 18.208 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

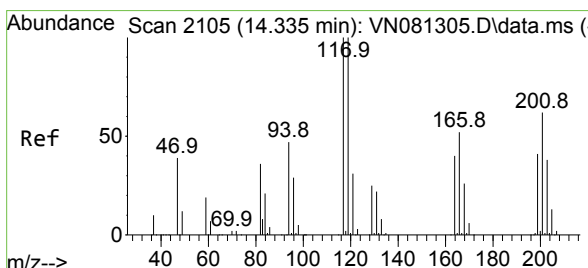
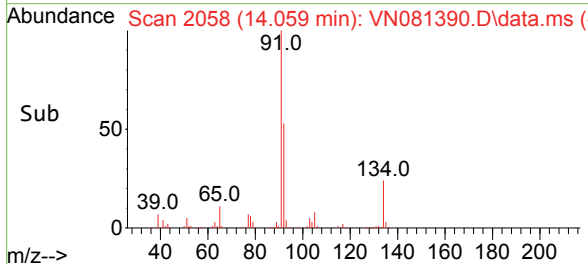
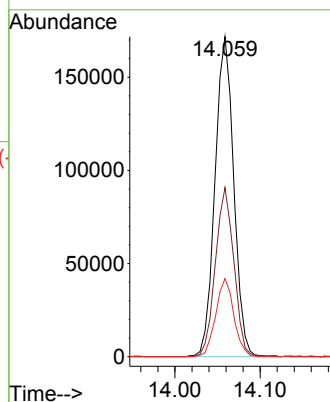
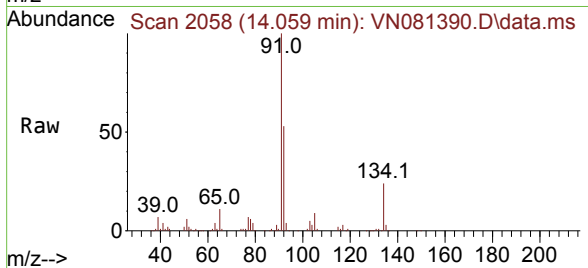
Tgt Ion: 91 Resp: 262672

Ion Ratio Lower Upper

91 100

92 52.1 26.7 80.1

134 23.6 10.8 32.4



#90

Hexachloroethane

Concen: 18.778 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081390.D

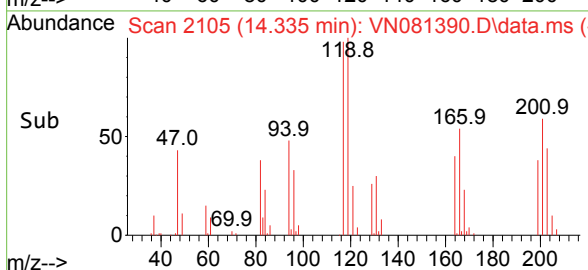
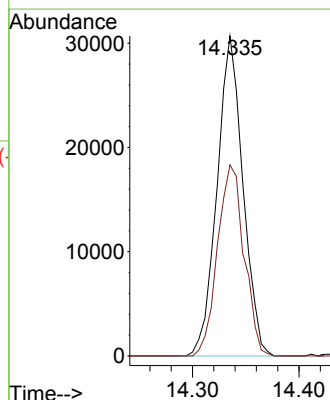
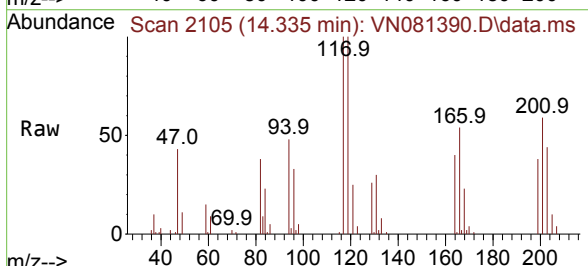
Acq: 13 Mar 2024 12:50

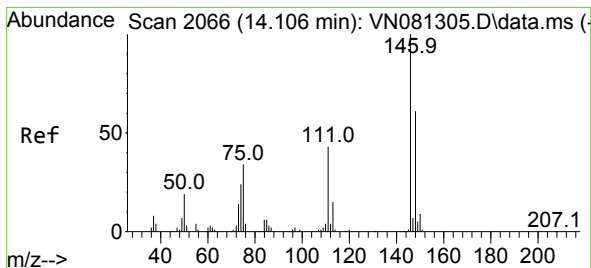
Tgt Ion: 117 Resp: 51718

Ion Ratio Lower Upper

117 100

201 61.2 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 18.231 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

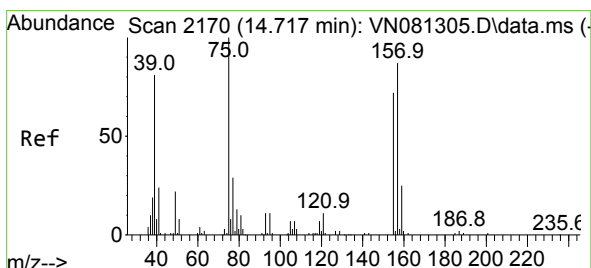
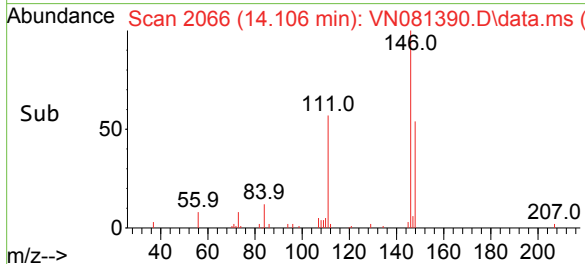
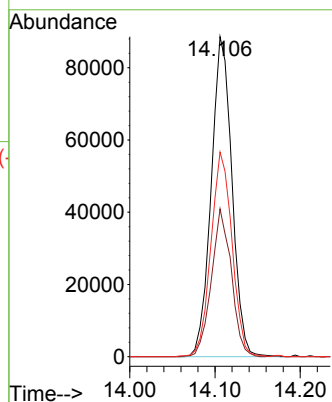
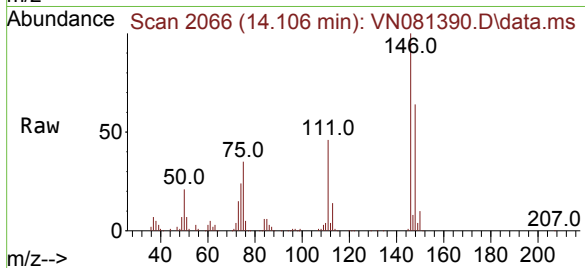
Tgt Ion:146 Resp: 149827

Ion Ratio Lower Upper

146 100

111 44.3 23.9 71.8

148 65.0 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.922 ug/l

RT: 14.718 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

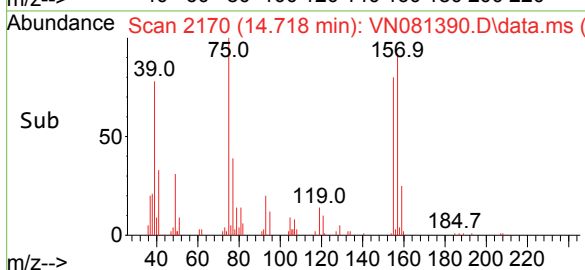
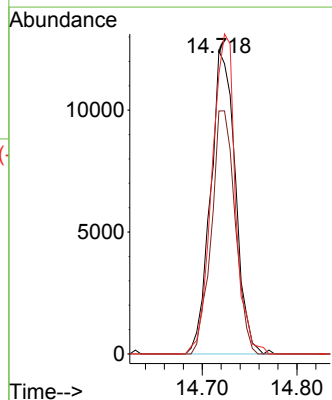
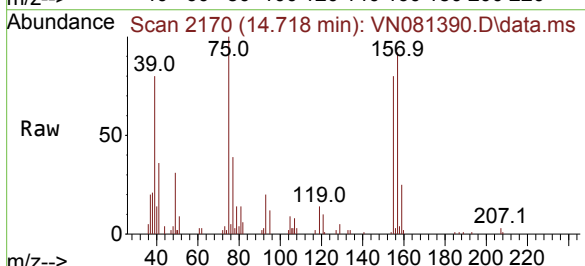
Tgt Ion: 75 Resp: 22645

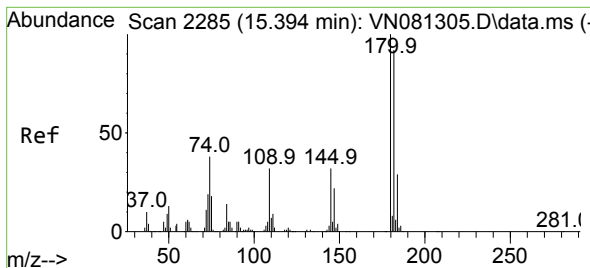
Ion Ratio Lower Upper

75 100

155 76.5 31.8 95.4

157 99.3 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 17.536 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

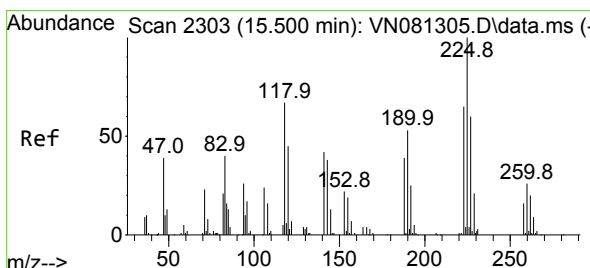
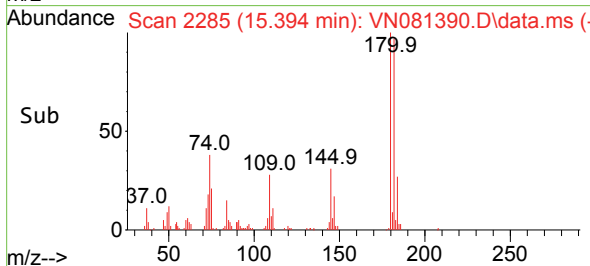
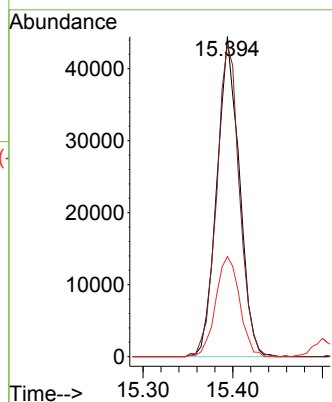
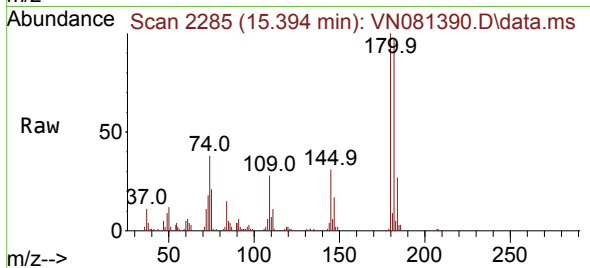
Tgt Ion:180 Resp: 77036

Ion Ratio Lower Upper

180 100

182 99.7 46.6 139.7

145 33.4 16.8 50.3



#94

Hexachlorobutadiene

Concen: 16.896 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN081390.D

Acq: 13 Mar 2024 12:50

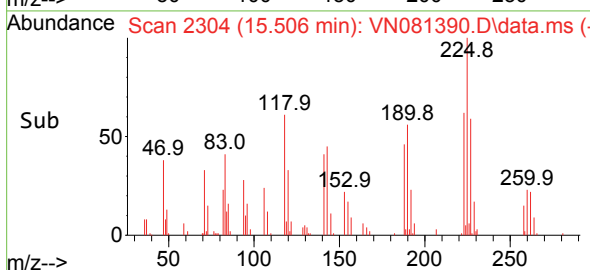
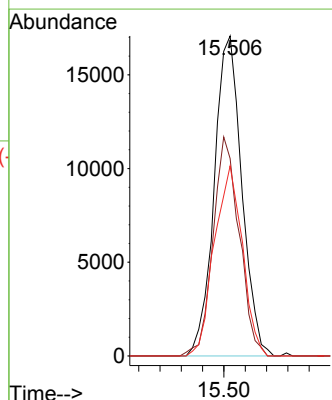
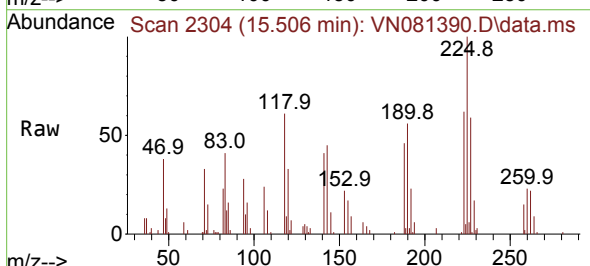
Tgt Ion:225 Resp: 30669

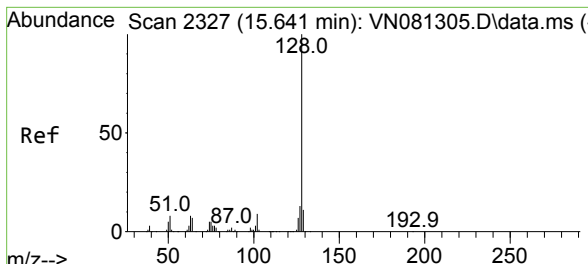
Ion Ratio Lower Upper

225 100

223 64.9 33.3 99.8

227 60.3 33.1 99.2

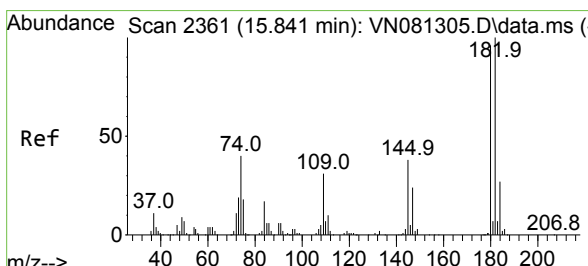
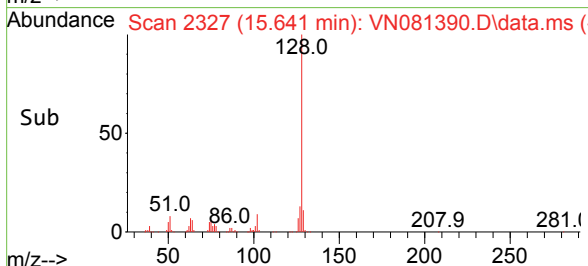
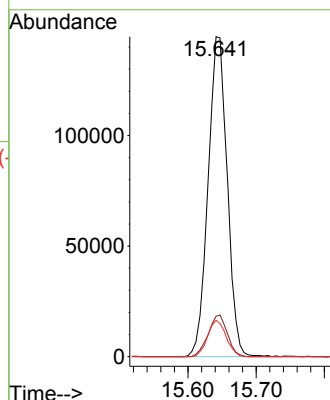
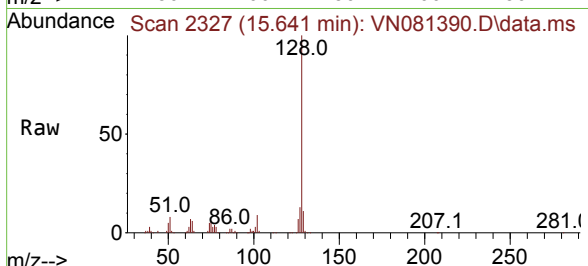




#95
Naphthalene
Concen: 18.088 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion:	128	Resp:	282746
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.0	15.0
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.273 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081390.D
Acq: 13 Mar 2024 12:50

Tgt Ion:	180	Resp:	81404
Ion Ratio	Lower	Upper	
180	100		
182	92.1	46.5	139.3
145	36.1	17.8	53.4

