

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040324\
 Data File : VN081663.D
 Acq On : 03 Apr 2024 17:57
 Operator : JC\MD
 Sample : VN0403MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403MBS01

Quant Time: Apr 04 06:33:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	361590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	632303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	569567	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	261426	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	254033	55.090	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.180%	
35) Dibromofluoromethane	8.165	113	233095	58.413	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.820%	
50) Toluene-d8	10.565	98	803264	55.685	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.380%	
62) 4-Bromofluorobenzene	12.847	95	291552	57.360	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 114.720%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	78496	16.122	ug/l	96
3) Chloromethane	2.360	50	73696	15.203	ug/l	97
4) Vinyl Chloride	2.518	62	81823	15.040	ug/l	# 87
5) Bromomethane	2.959	94	61311	15.935	ug/l	88
6) Chloroethane	3.124	64	58356	15.623	ug/l	91
7) Trichlorofluoromethane	3.501	101	157367	19.409	ug/l	94
8) Diethyl Ether	3.959	74	56532	21.068	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.365	101	91079	19.770	ug/l	# 89
10) Methyl Iodide	4.595	142	88480	19.286	ug/l	96
11) Tert butyl alcohol	5.512	59	76650	95.384	ug/l	99
12) 1,1-Dichloroethene	4.342	96	80671	18.904	ug/l	88
13) Acrolein	4.177	56	57944	80.357	ug/l	99
14) Allyl chloride	5.024	41	104043	19.457	ug/l	# 90
15) Acrylonitrile	5.712	53	210226	97.788	ug/l	98
16) Acetone	4.424	43	144221	96.777	ug/l	96
17) Carbon Disulfide	4.712	76	169377	13.831	ug/l	# 94
18) Methyl Acetate	5.024	43	110638	24.081	ug/l	# 85
19) Methyl tert-butyl Ether	5.789	73	293393	21.969	ug/l	91
20) Methylene Chloride	5.283	84	95486	19.561	ug/l	85
21) trans-1,2-Dichloroethene	5.789	96	87670	18.426	ug/l	85
22) Diisopropyl ether	6.671	45	262148	21.099	ug/l	# 88
23) Vinyl Acetate	6.600	43	936824	94.728	ug/l	# 84
24) 1,1-Dichloroethane	6.571	63	166793	20.043	ug/l	# 94
25) 2-Butanone	7.483	43	252650	98.843	ug/l	# 85
26) 2,2-Dichloropropane	7.494	77	158589	21.972	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	111824	20.772	ug/l	83
28) Bromochloromethane	7.818	49	69542	20.517	ug/l	# 43
29) Tetrahydrofuran	7.842	42	163999	95.241	ug/l	# 75
30) Chloroform	7.965	83	184373	20.696	ug/l	98
31) Cyclohexane	8.259	56	125461	16.720	ug/l	# 65
32) 1,1,1-Trichloroethane	8.165	97	166685	20.623	ug/l	# 87
36) 1,1-Dichloropropene	8.371	75	124382	18.522	ug/l	94
37) Ethyl Acetate	7.559	43	99677	17.334	ug/l	# 94
38) Carbon Tetrachloride	8.365	117	144199	19.601	ug/l	93
39) Methylcyclohexane	9.600	83	137324	18.311	ug/l	# 89
40) Benzene	8.606	78	381088	19.410	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	58077	19.097	ug/l #	86
42) 1,2-Dichloroethane	8.665	62	135506	19.612	ug/l	95
43) Isopropyl Acetate	8.689	43	186127	19.527	ug/l #	90
44) Trichloroethene	9.353	130	108204	19.595	ug/l	98
45) 1,2-Dichloropropane	9.624	63	97839	20.562	ug/l	89
46) Dibromomethane	9.706	93	72687	20.116	ug/l #	88
47) Bromodichloromethane	9.888	83	144958	20.518	ug/l #	96
48) Methyl methacrylate	9.683	41	87049	19.799	ug/l #	88
49) 1,4-Dioxane	9.694	88	39950	378.114	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	563123	96.817	ug/l	90
52) Toluene	10.630	92	253862	20.344	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	152484	19.988	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	164287	20.086	ug/l #	85
55) 1,1,2-Trichloroethane	11.018	97	104700	20.848	ug/l	92
56) Ethyl methacrylate	10.877	69	142570	20.623	ug/l #	77
57) 1,3-Dichloropropane	11.165	76	168486	20.466	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	334887	105.978	ug/l #	83
59) 2-Hexanone	11.194	43	422727	98.302	ug/l	91
60) Dibromochloromethane	11.359	129	116826	21.153	ug/l	99
61) 1,2-Dibromoethane	11.471	107	105931	20.690	ug/l	95
64) Tetrachloroethene	11.106	164	111344	20.451	ug/l	90
65) Chlorobenzene	11.894	112	274568	20.392	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	109301	21.903	ug/l	97
67) Ethyl Benzene	11.965	91	471545	20.161	ug/l	95
68) m/p-Xylenes	12.071	106	373690	42.619	ug/l	92
69) o-Xylene	12.400	106	183645	21.335	ug/l	91
70) Styrene	12.412	104	300192	21.623	ug/l	94
71) Bromoform	12.576	173	77888	20.770	ug/l #	96
73) Isopropylbenzene	12.694	105	482189	21.638	ug/l	97
74) N-amyl acetate	12.494	43	155111	19.234	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	132202	20.178	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	178782	28.589	ug/l	60
77) Bromobenzene	12.976	156	112962	20.521	ug/l	68
78) n-propylbenzene	13.035	91	537723	20.433	ug/l	91
79) 2-Chlorotoluene	13.124	91	327825	20.813	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	402430	21.864	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	51328	22.181	ug/l	92
82) 4-Chlorotoluene	13.224	91	317147	20.423	ug/l	90
83) tert-Butylbenzene	13.441	119	353924	22.299	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	401008	21.677	ug/l	94
85) sec-Butylbenzene	13.618	105	487103	21.468	ug/l	92
86) p-Isopropyltoluene	13.729	119	400772	21.608	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	208563	20.621	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	207868	19.849	ug/l	95
89) n-Butylbenzene	14.059	91	336945	20.487	ug/l	97
90) Hexachloroethane	14.335	117	71023	20.220	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	207617	21.328	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27172	19.487	ug/l	64
93) 1,2,4-Trichlorobenzene	15.394	180	114755	20.388	ug/l	97
94) Hexachlorobutadiene	15.506	225	46326	18.758	ug/l	97
95) Naphthalene	15.641	128	398977	21.875	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	115182	20.344	ug/l	98

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ALS Vial : 9 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
VN0403MBSD01

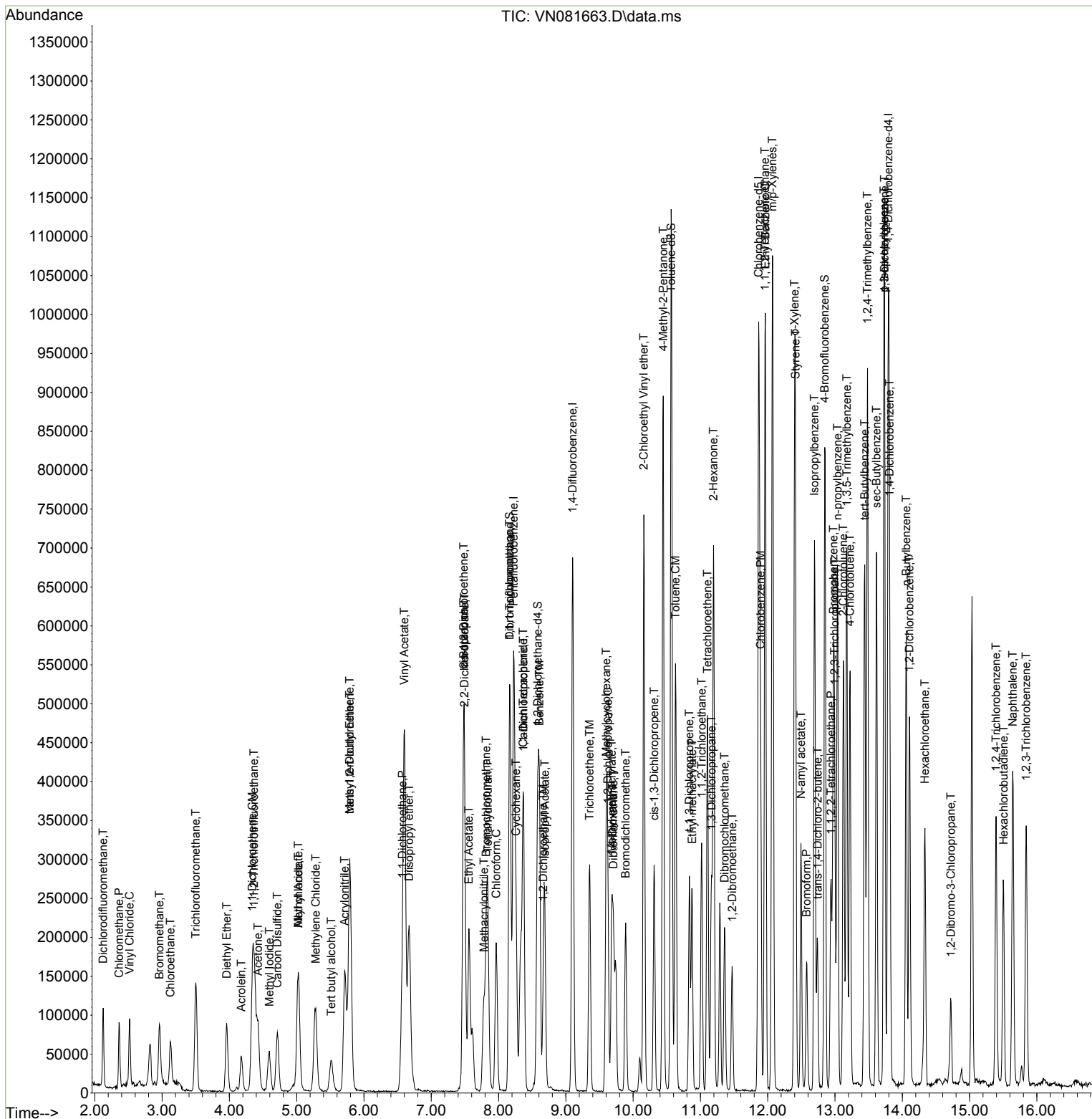
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
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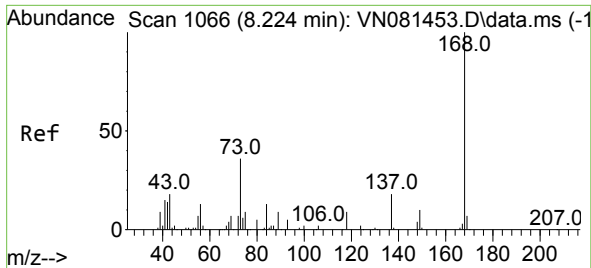
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
ClientSampleId :
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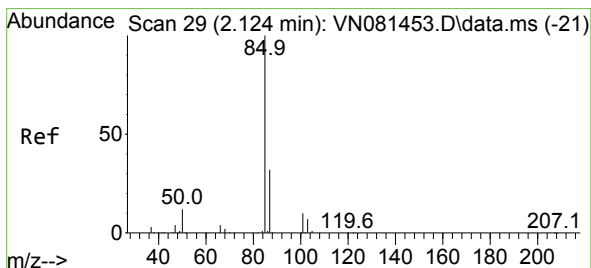
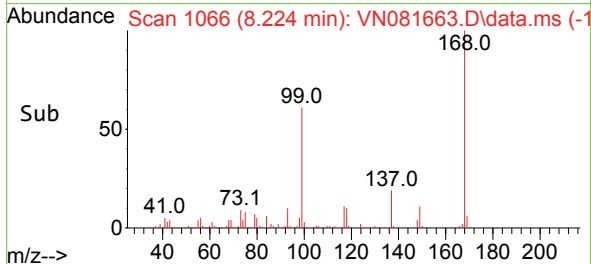
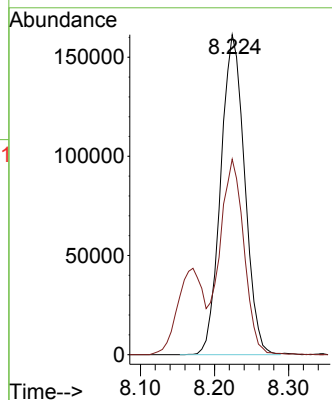
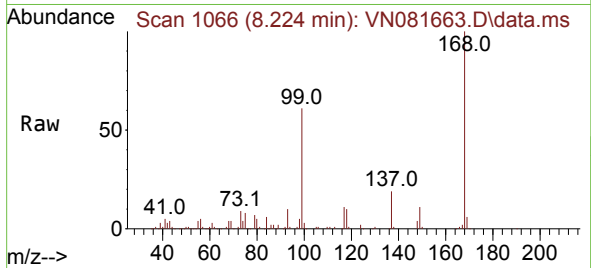




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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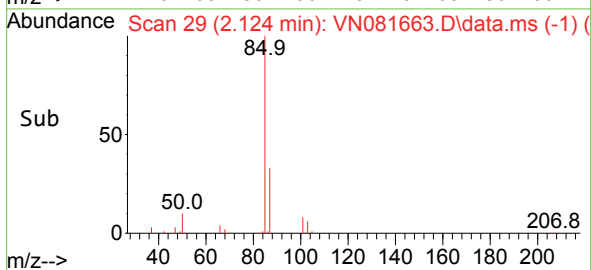
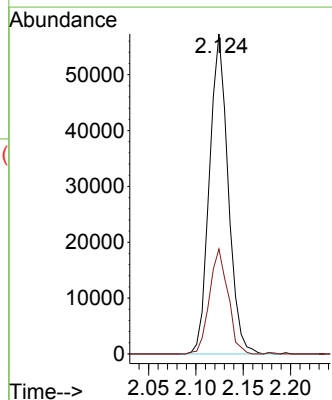
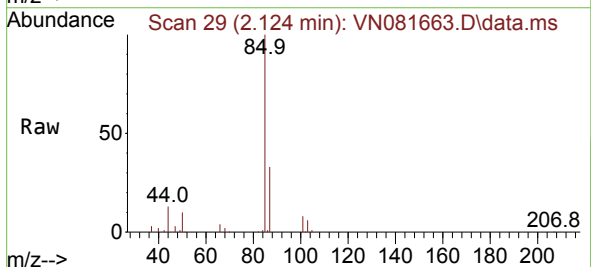
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ClientSampleId :
VN0403MBS01

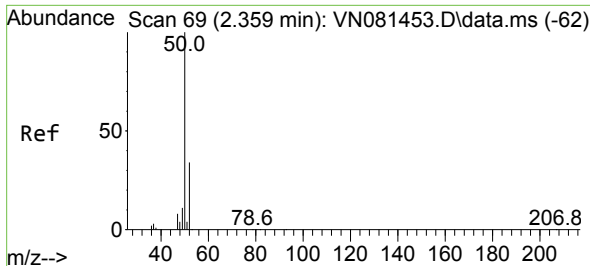
Tgt Ion:168 Resp: 361590
Ion Ratio Lower Upper
168 100
99 60.7 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 16.122 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 85 Resp: 78496
Ion Ratio Lower Upper
85 100
87 32.8 15.3 45.9

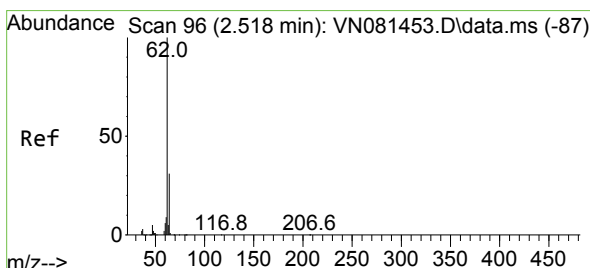
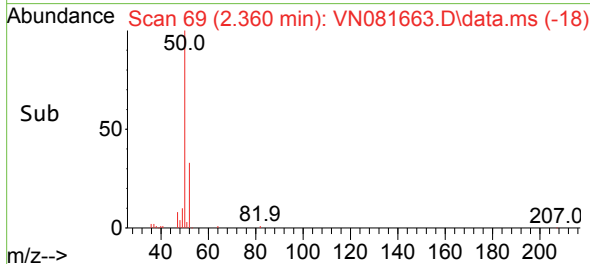
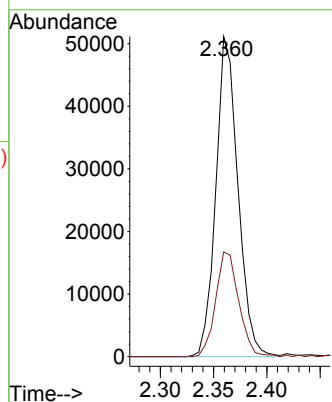
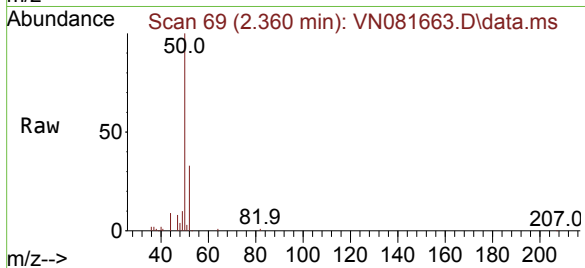




#3
Chloromethane
Concen: 15.203 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

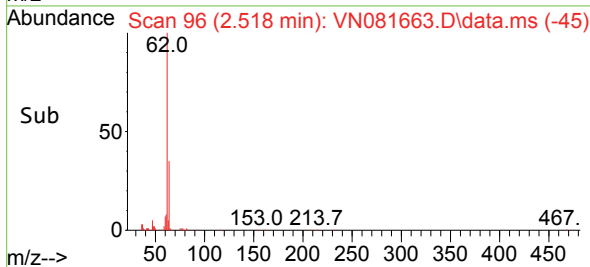
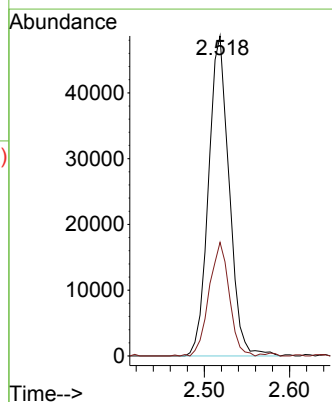
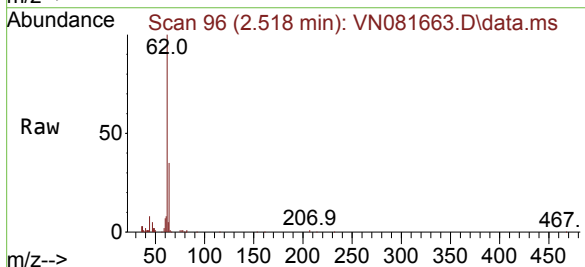
Instrument :
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ClientSampleId :
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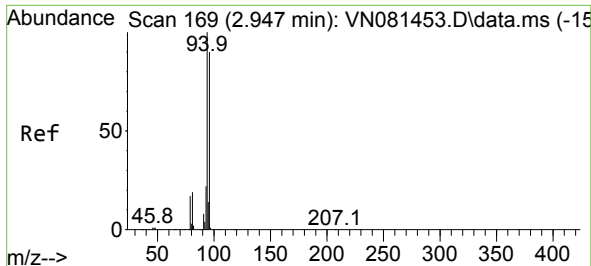
Tgt Ion: 50 Resp: 73696
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4



#4
Vinyl Chloride
Concen: 15.040 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 62 Resp: 81823
Ion Ratio Lower Upper
62 100
64 35.5 22.7 34.1#

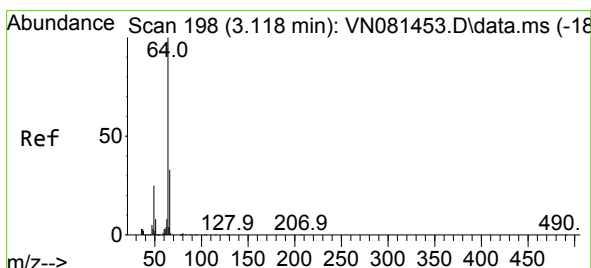
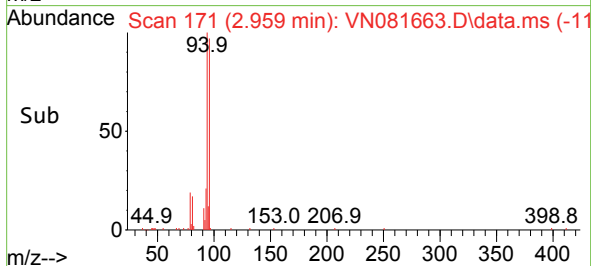
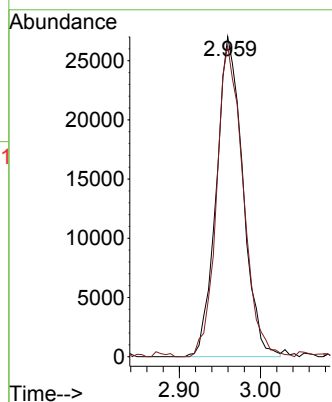
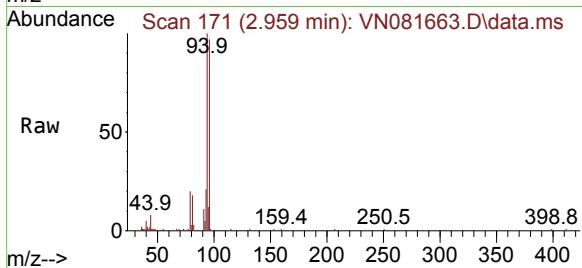




#5
Bromomethane
Concen: 15.935 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

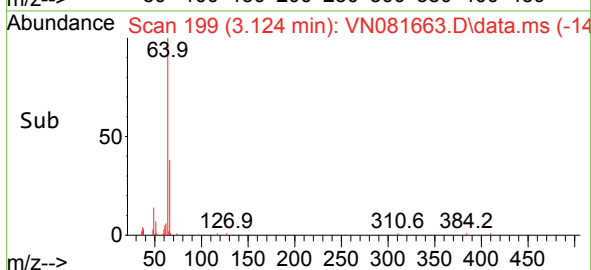
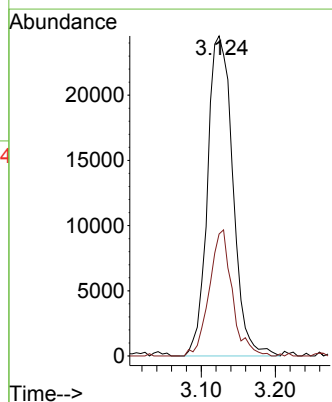
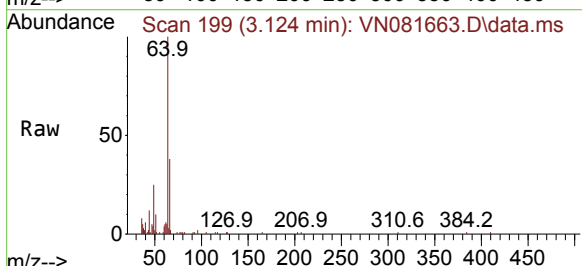
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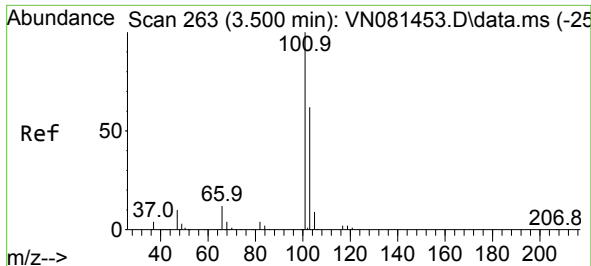
Tgt Ion: 94 Resp: 61311
Ion Ratio Lower Upper
94 100
96 97.1 69.2 103.8



#6
Chloroethane
Concen: 15.623 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 64 Resp: 58356
Ion Ratio Lower Upper
64 100
66 38.1 26.4 39.6

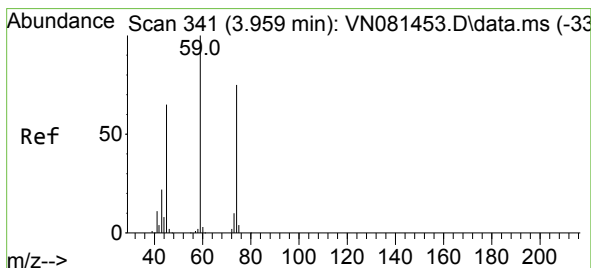
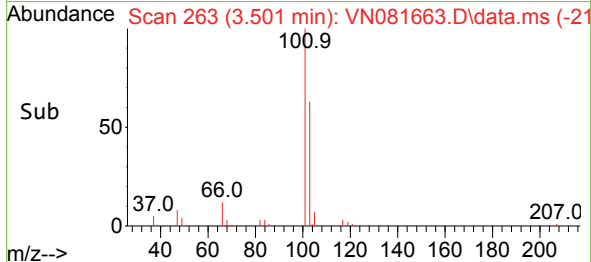
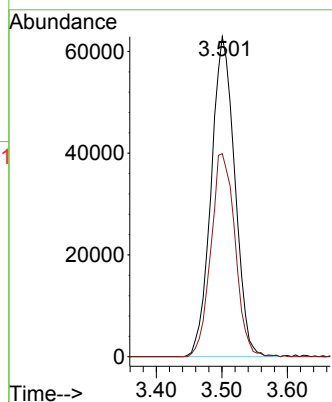
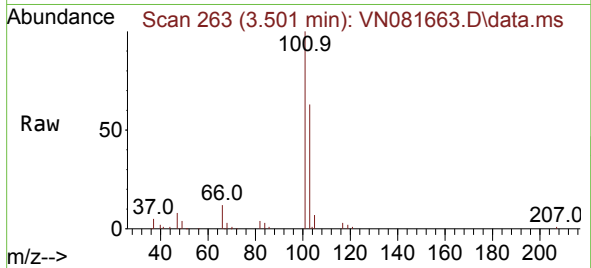




#7
 Trichlorofluoromethane
 Concen: 19.409 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081663.D
 Acq: 03 Apr 2024 17:57

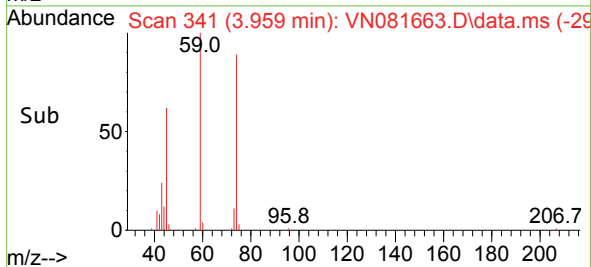
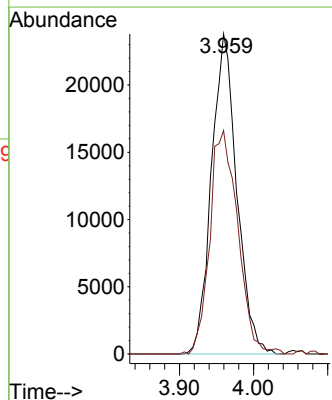
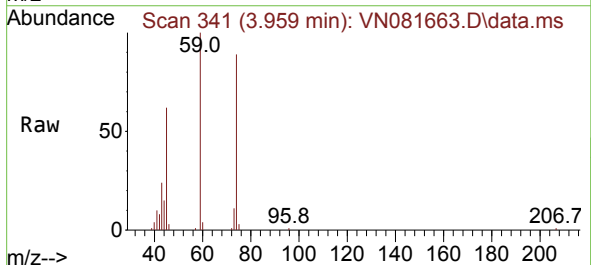
Instrument :
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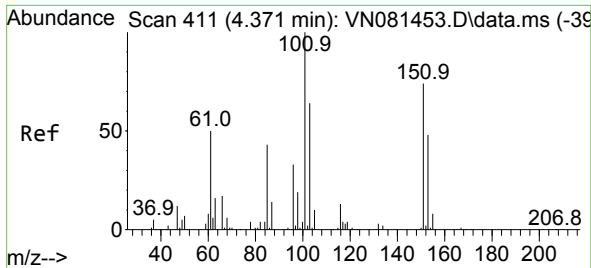
Tgt Ion:101 Resp: 157367
 Ion Ratio Lower Upper
 101 100
 103 63.4 54.4 81.6



#8
 Diethyl Ether
 Concen: 21.068 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN081663.D
 Acq: 03 Apr 2024 17:57

Tgt Ion: 74 Resp: 56532
 Ion Ratio Lower Upper
 74 100
 45 77.0 53.3 159.9

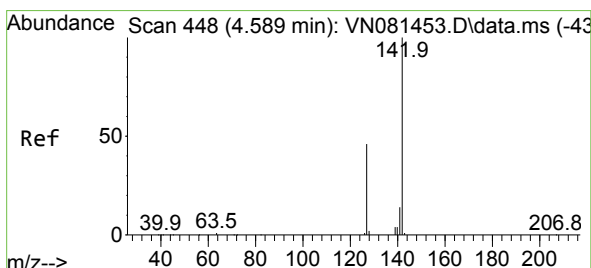
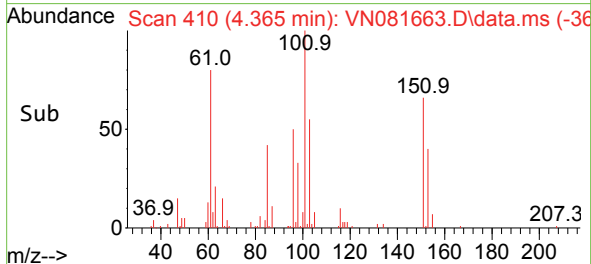
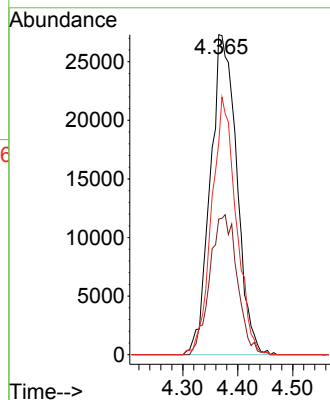
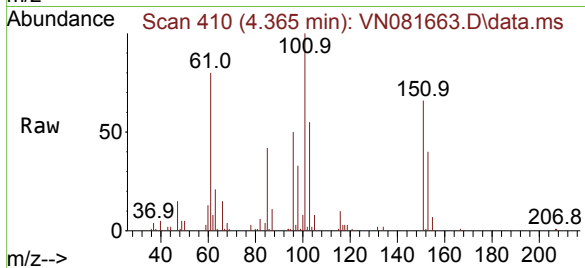




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.770 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

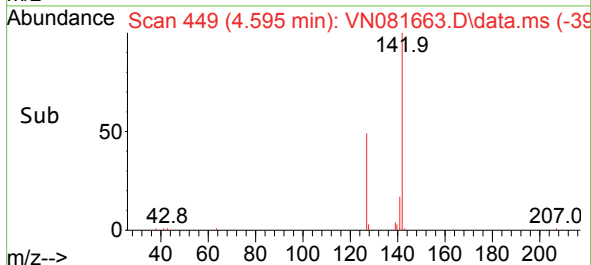
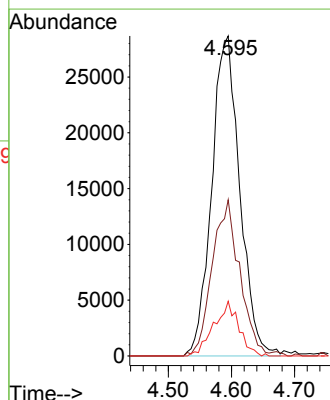
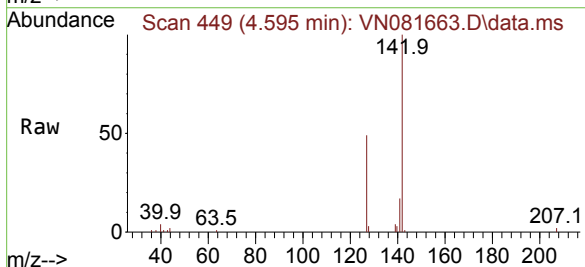
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBSD01

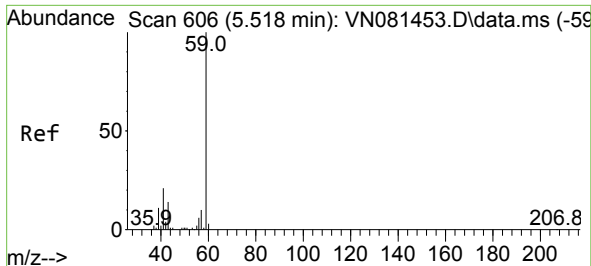
Tgt Ion:101 Resp: 91079
Ion Ratio Lower Upper
101 100
85 45.3 38.1 57.1
151 74.7 49.1 73.7#



#10
Methyl Iodide
Concen: 19.286 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion:142 Resp: 88480
Ion Ratio Lower Upper
142 100
127 48.8 37.0 55.4
141 17.1 12.5 18.7

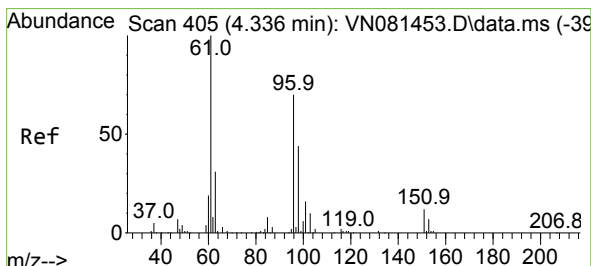
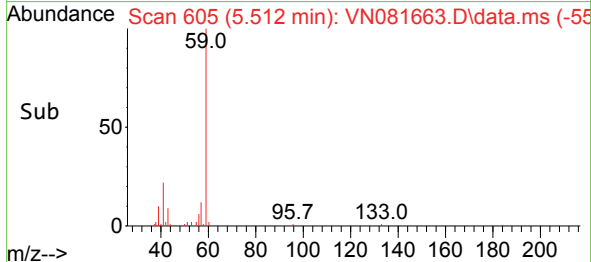
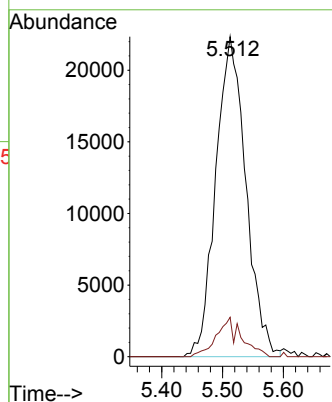
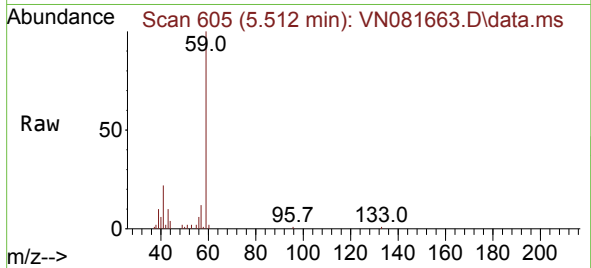




#11
Tert butyl alcohol
Concen: 95.384 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

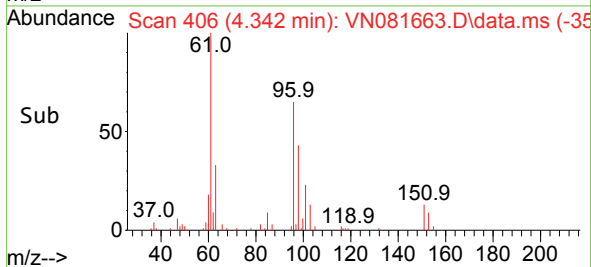
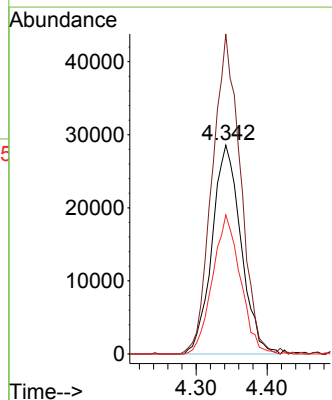
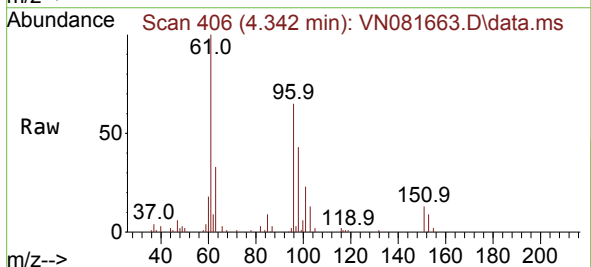
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

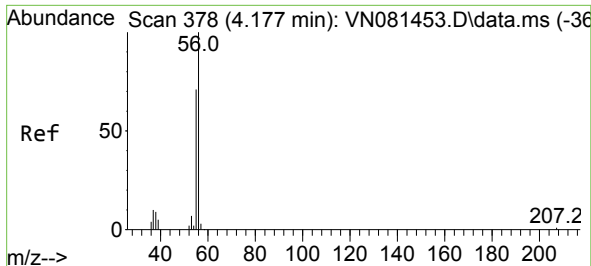
Tgt Ion: 59 Resp: 76650
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.904 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 96 Resp: 80671
Ion Ratio Lower Upper
96 100
61 153.2 138.2 207.4
98 66.6 49.2 73.8





#13

Acrolein

Concen: 80.357 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081663.D

Acq: 03 Apr 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

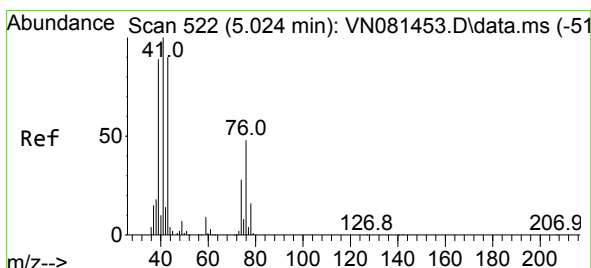
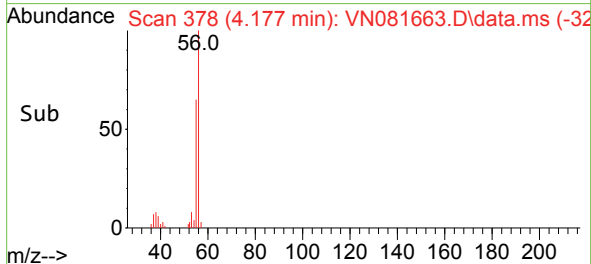
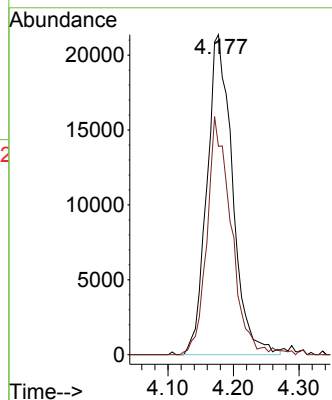
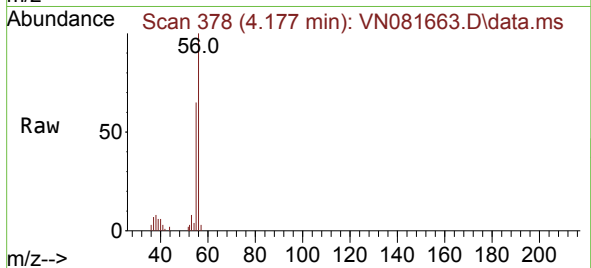
VN0403MBS01

Tgt Ion: 56 Resp: 57944

Ion Ratio Lower Upper

56 100

55 69.6 55.3 82.9



#14

Allyl chloride

Concen: 19.457 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN081663.D

Acq: 03 Apr 2024 17:57

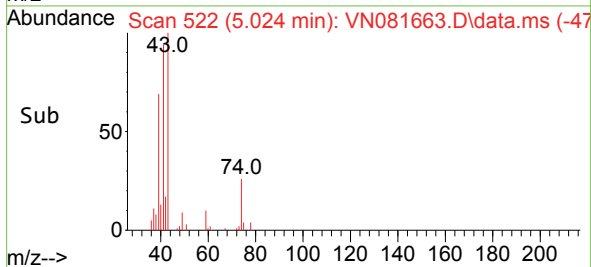
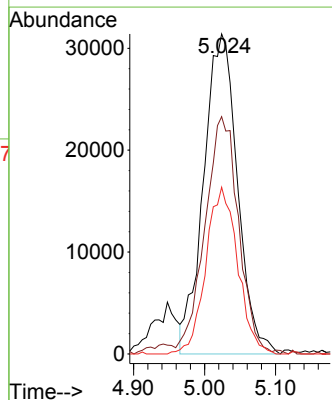
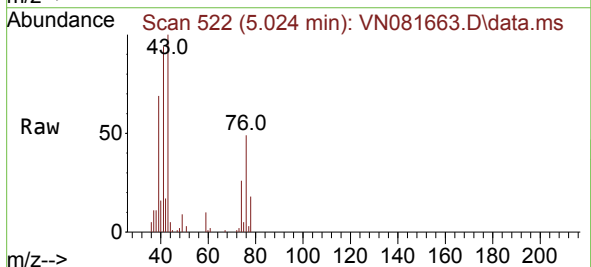
Tgt Ion: 41 Resp: 104043

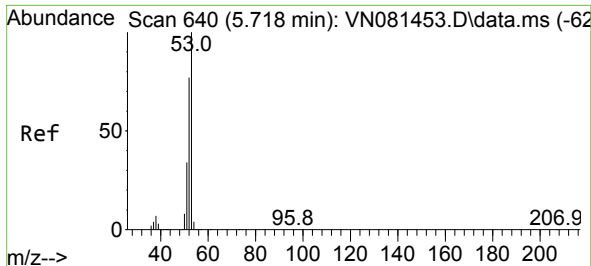
Ion Ratio Lower Upper

41 100

39 73.9 57.7 86.5

76 48.9 26.8 40.2#

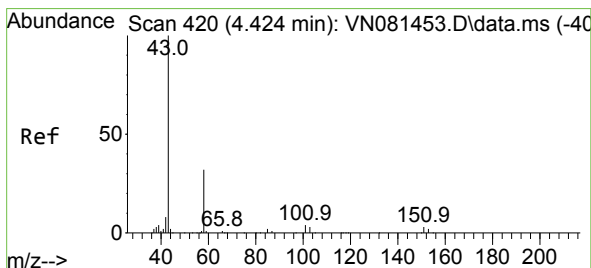
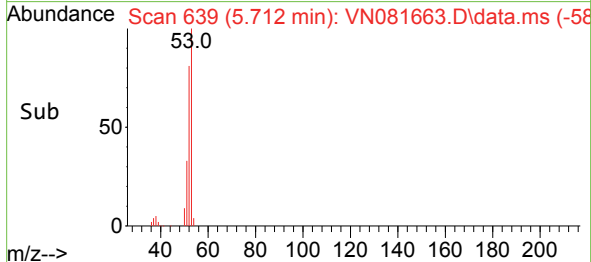
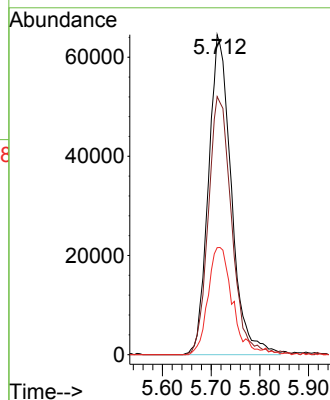
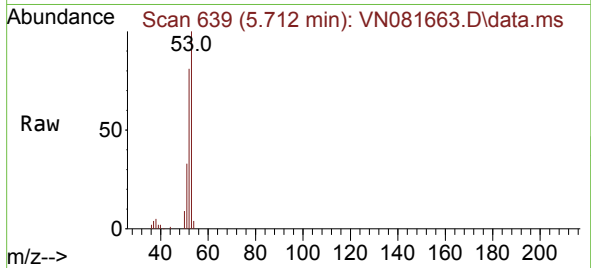




#15
Acrylonitrile
Concen: 97.788 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

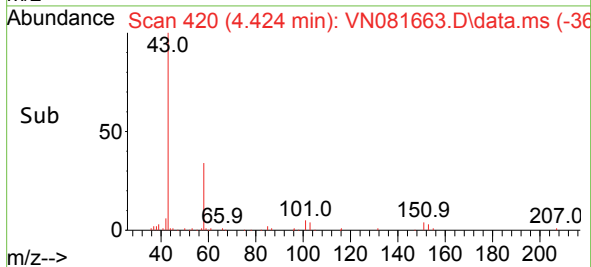
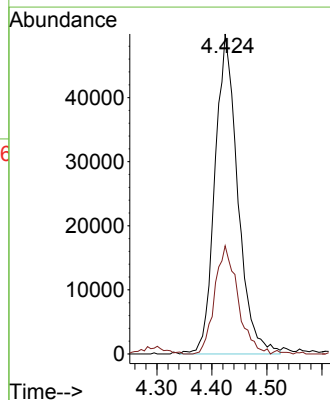
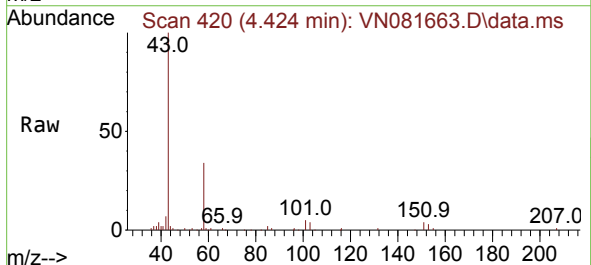
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBSD01

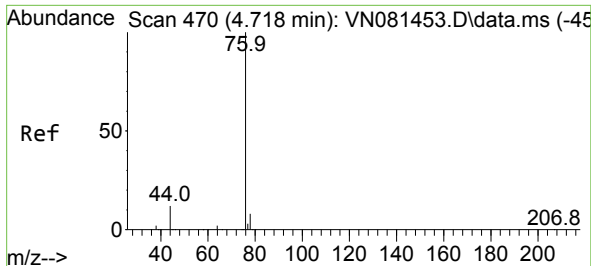
Tgt Ion: 53 Resp: 210226
Ion Ratio Lower Upper
53 100
52 81.9 64.8 97.2
51 35.5 26.9 40.3



#16
Acetone
Concen: 96.777 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 43 Resp: 144221
Ion Ratio Lower Upper
43 100
58 33.3 24.8 37.2

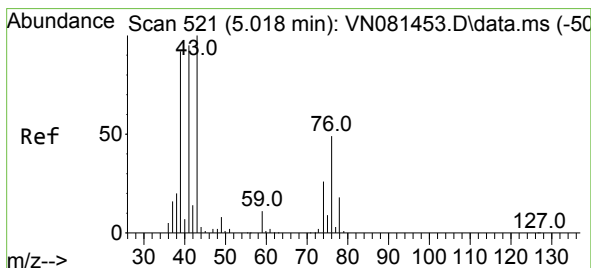
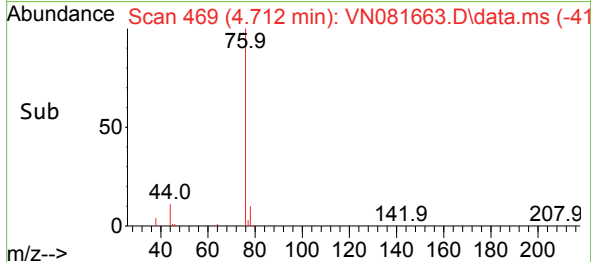
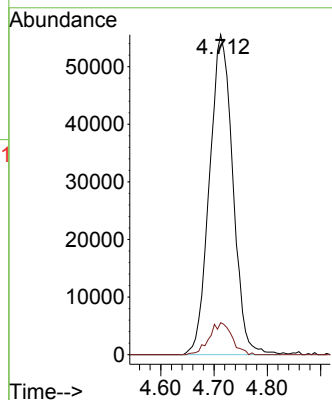
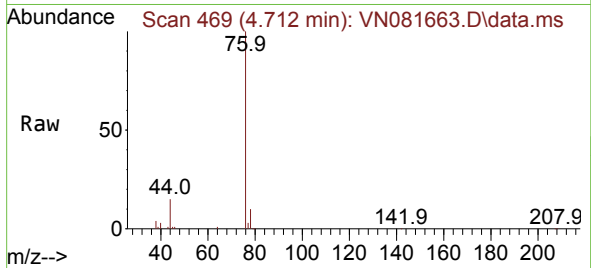




#17
Carbon Disulfide
Concen: 13.831 ug/l
RT: 4.712 min Scan# 470
Delta R.T. -0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

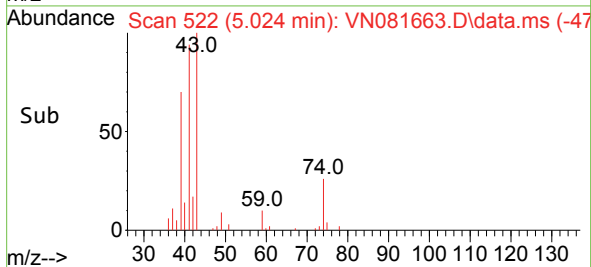
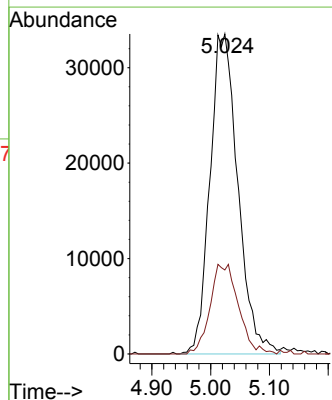
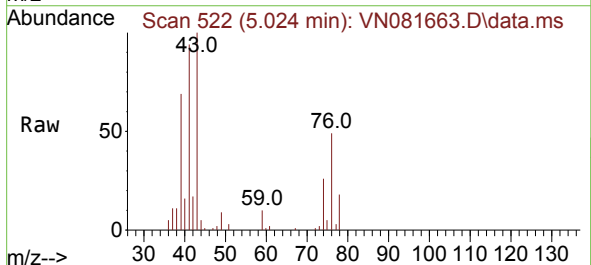
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

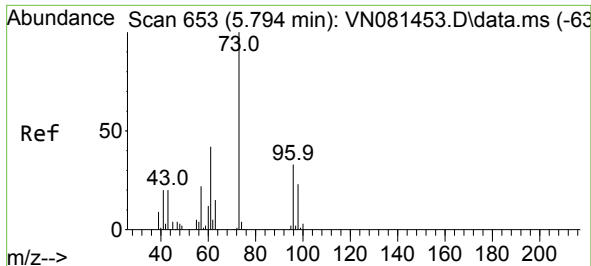
Tgt Ion: 76 Resp: 169377
Ion Ratio Lower Upper
76 100
78 10.0 6.3 9.5#



#18
Methyl Acetate
Concen: 24.081 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 43 Resp: 110638
Ion Ratio Lower Upper
43 100
74 28.5 17.3 25.9#

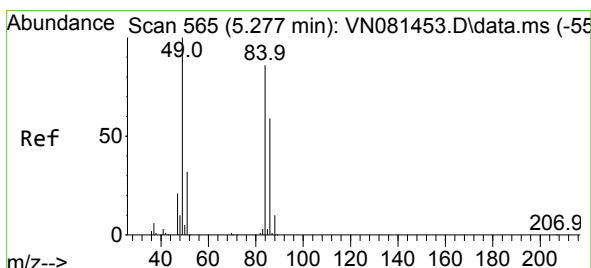
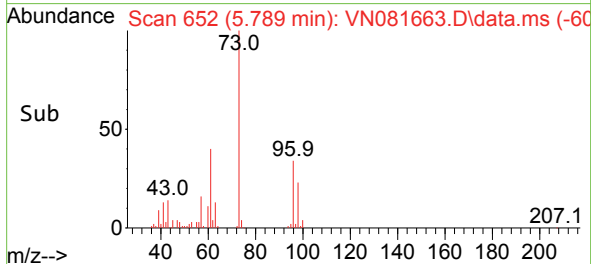
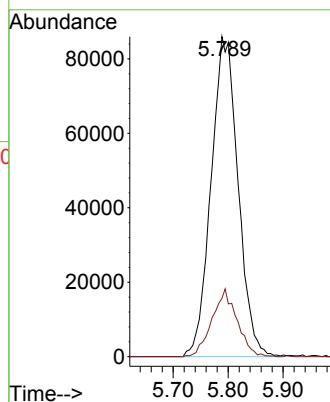
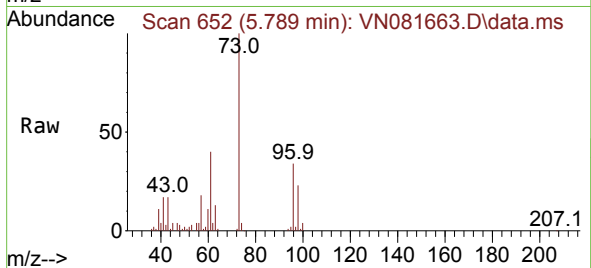




#19
Methyl tert-butyl Ether
Concen: 21.969 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

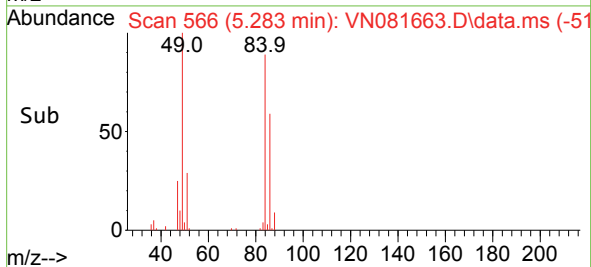
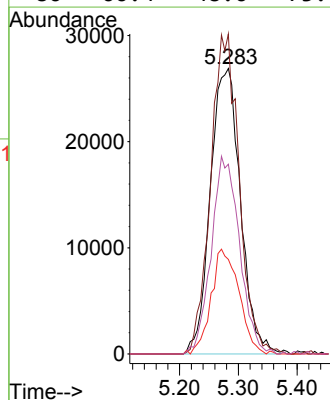
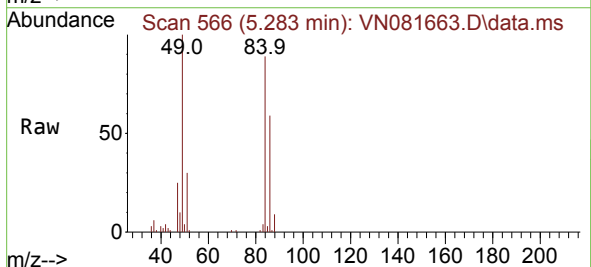
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

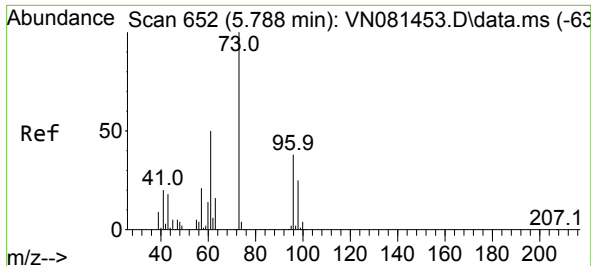
Tgt Ion: 73 Resp: 293393
Ion Ratio Lower Upper
73 100
57 18.3 18.2 27.4



#20
Methylene Chloride
Concen: 19.561 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 84 Resp: 95486
Ion Ratio Lower Upper
84 100
49 112.1 108.1 162.1
51 33.1 32.9 49.3
86 66.4 48.6 73.0

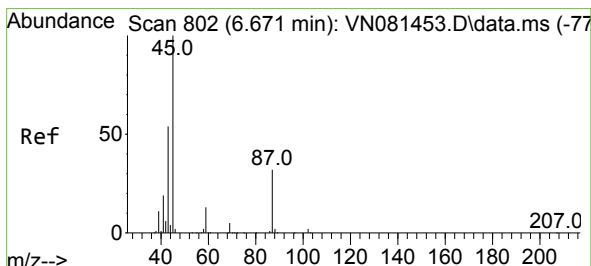
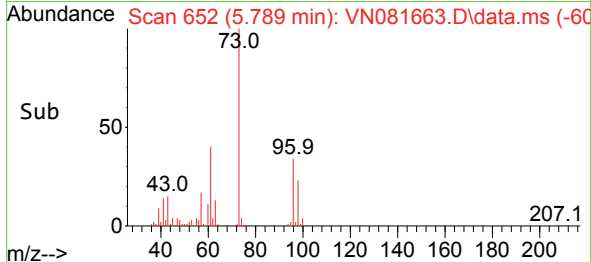
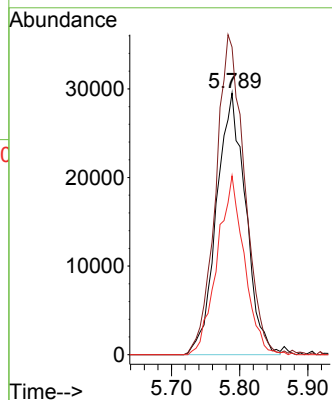
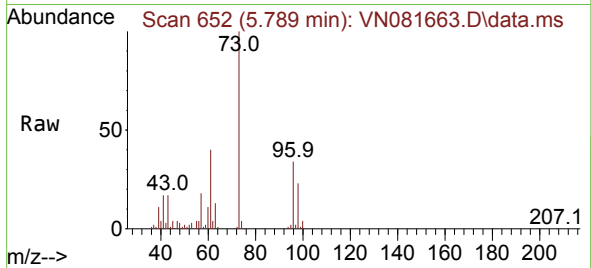




#21
trans-1,2-Dichloroethene
Concen: 18.426 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

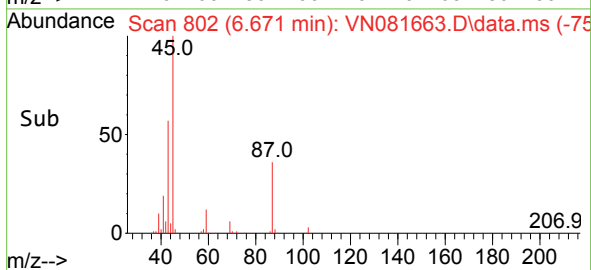
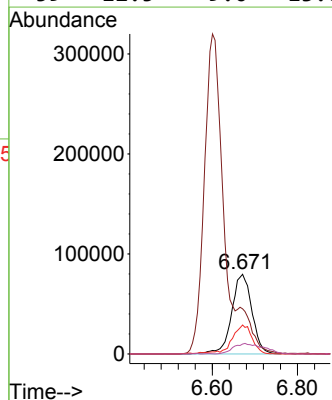
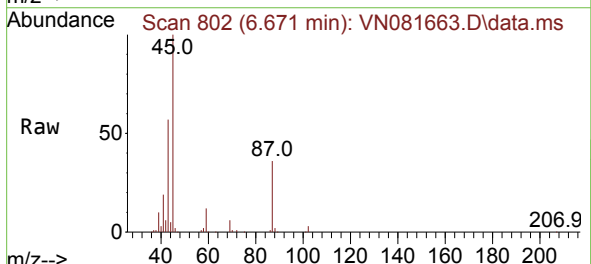
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBSD01

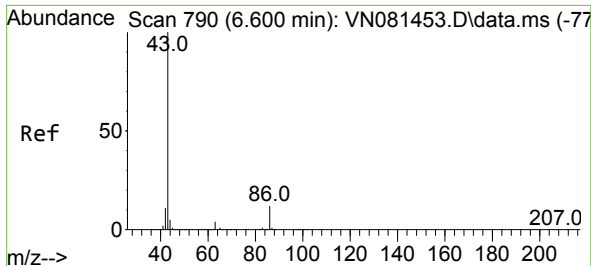
Tgt Ion: 96 Resp: 87670
Ion Ratio Lower Upper
96 100
61 117.6 112.8 169.2
98 68.4 51.0 76.4



#22
Diisopropyl ether
Concen: 21.099 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 45 Resp: 262148
Ion Ratio Lower Upper
45 100
43 56.6 41.8 62.8
87 36.4 18.1 27.1#
59 12.5 9.0 13.6

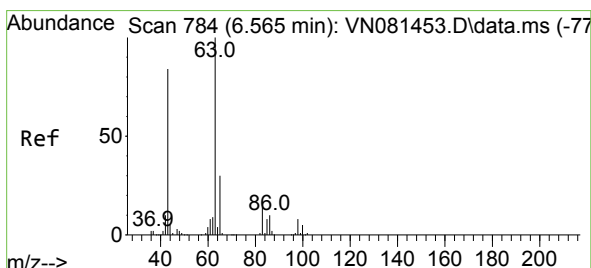
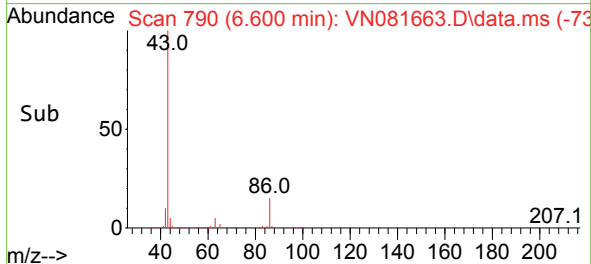
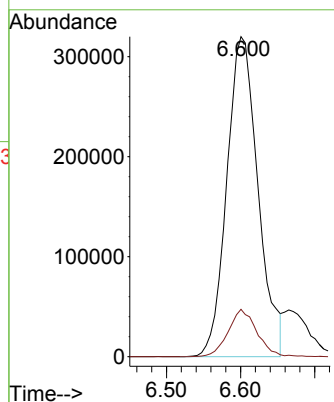
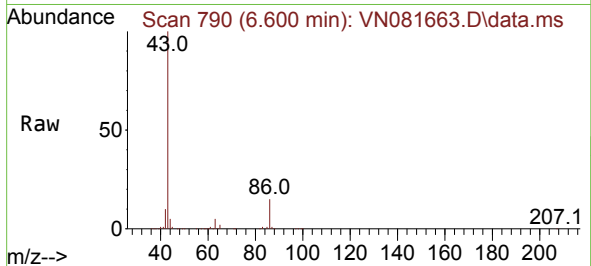




#23
 Vinyl Acetate
 Concen: 94.728 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081663.D
 Acq: 03 Apr 2024 17:57

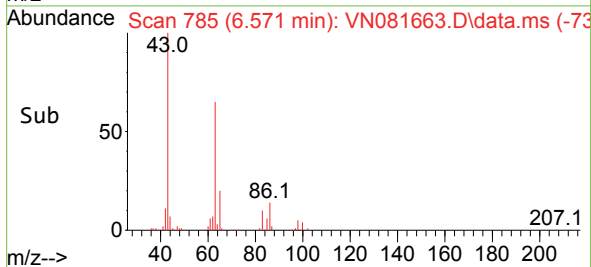
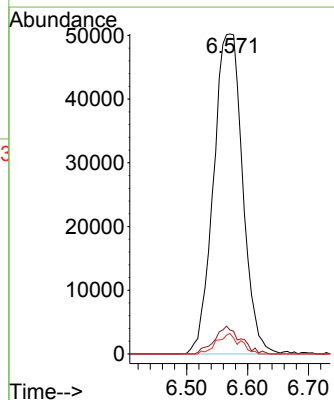
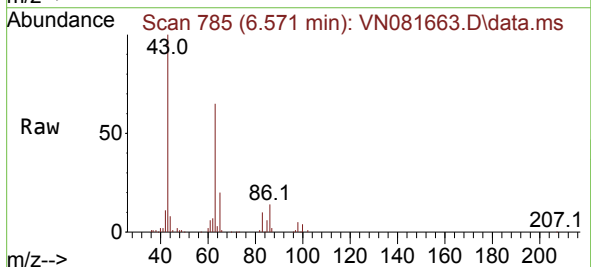
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403MBS01

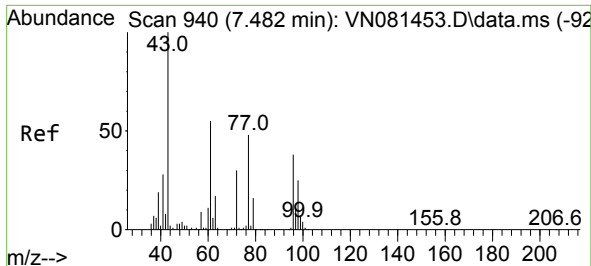
Tgt Ion: 43 Resp: 936824
 Ion Ratio Lower Upper
 43 100
 86 14.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.043 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081663.D
 Acq: 03 Apr 2024 17:57

Tgt Ion: 63 Resp: 166793
 Ion Ratio Lower Upper
 63 100
 98 7.5 2.9 8.6
 100 6.4 1.9 5.7#

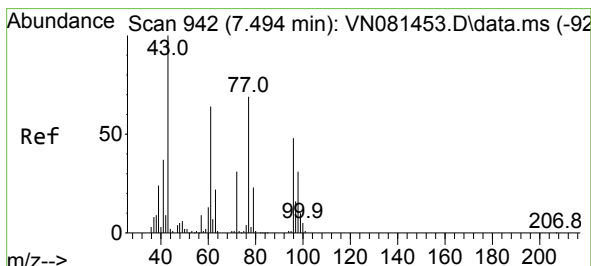
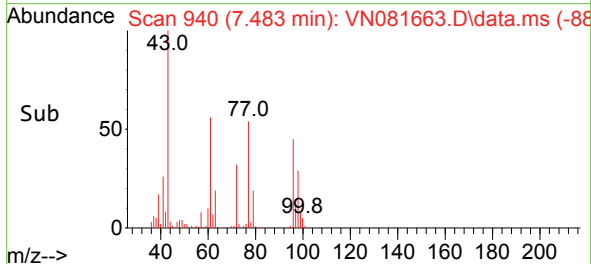
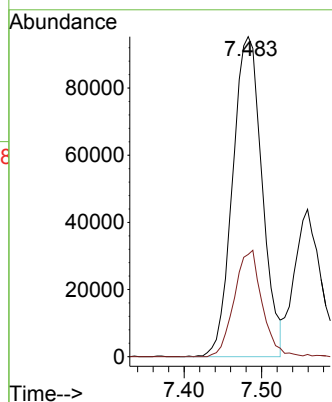
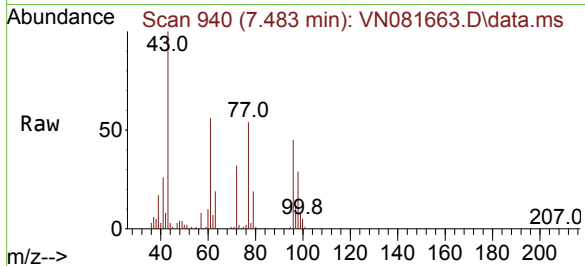




#25
2-Butanone
Concen: 98.843 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

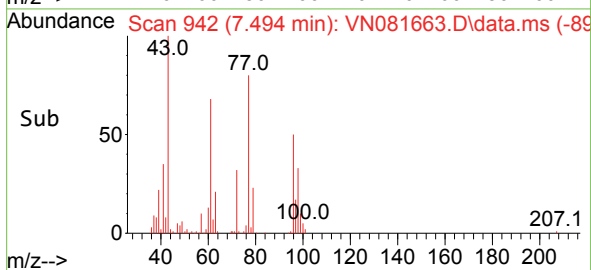
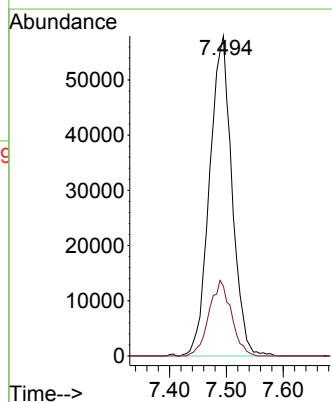
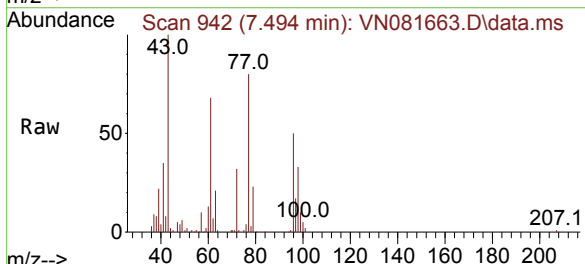
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

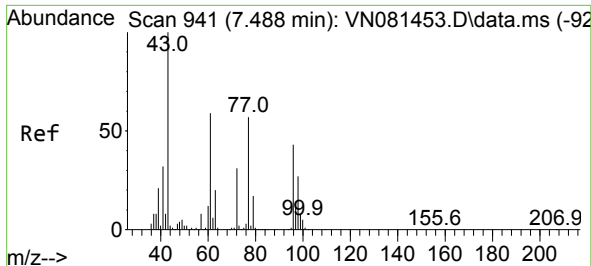
Tgt Ion: 43 Resp: 252650
Ion Ratio Lower Upper
43 100
72 32.0 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 21.972 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 77 Resp: 158589
Ion Ratio Lower Upper
77 100
97 23.6 11.5 34.5

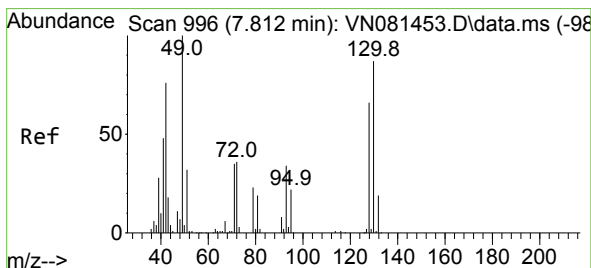
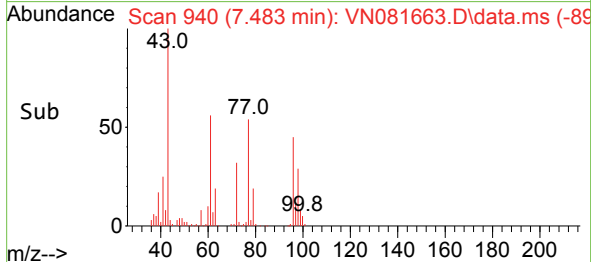
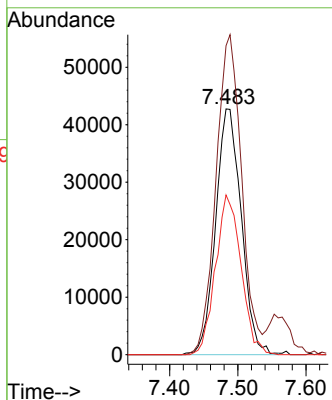
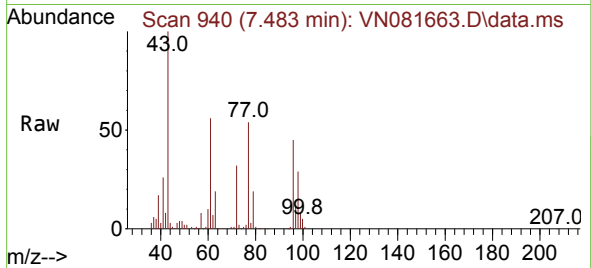




#27
 cis-1,2-Dichloroethene
 Concen: 20.772 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081663.D
 Acq: 03 Apr 2024 17:57

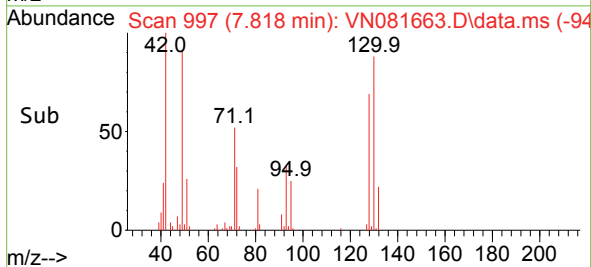
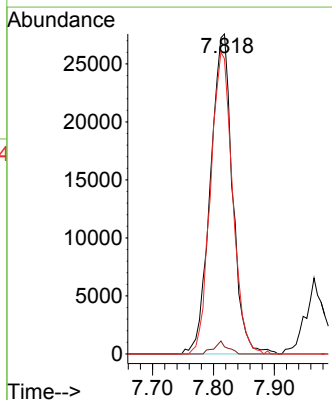
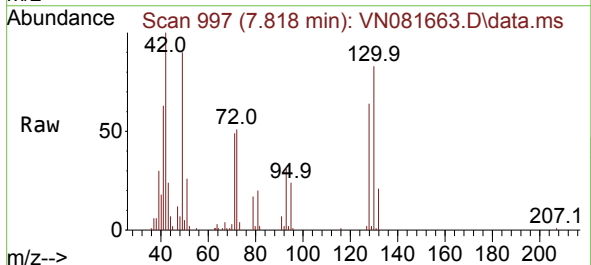
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403MBSD01

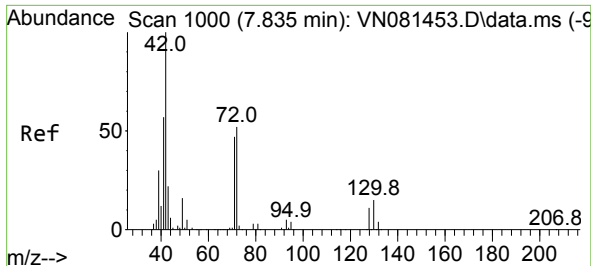
Tgt Ion: 96 Resp: 111824
 Ion Ratio Lower Upper
 96 100
 61 130.4 0.0 325.4
 98 64.9 0.0 130.4



#28
 Bromochloromethane
 Concen: 20.517 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081663.D
 Acq: 03 Apr 2024 17:57

Tgt Ion: 49 Resp: 69542
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 1.6#
 130 93.8 42.3 63.5#





#29

Tetrahydrofuran

Concen: 95.241 ug/l

RT: 7.842 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081663.D

Acq: 03 Apr 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN0403MBS01

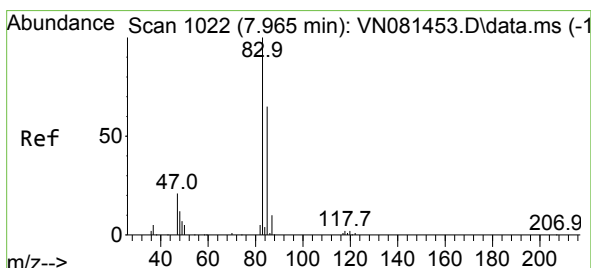
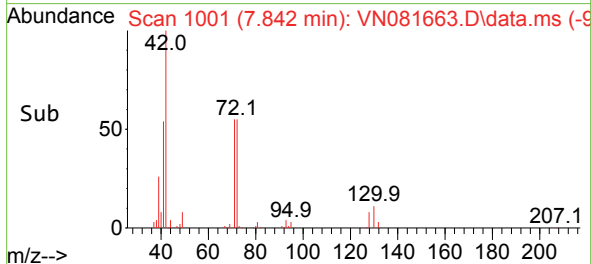
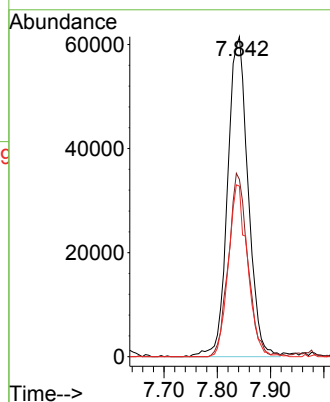
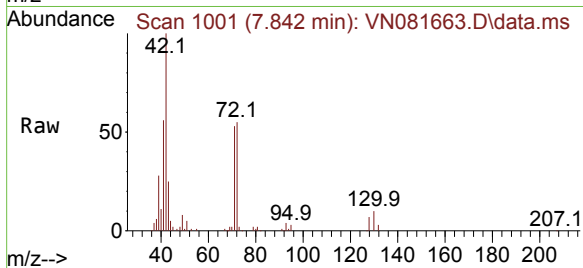
Tgt Ion: 42 Resp: 163999

Ion Ratio Lower Upper

42 100

72 54.0 31.1 46.7#

71 50.5 28.3 42.5#



#30

Chloroform

Concen: 20.696 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN081663.D

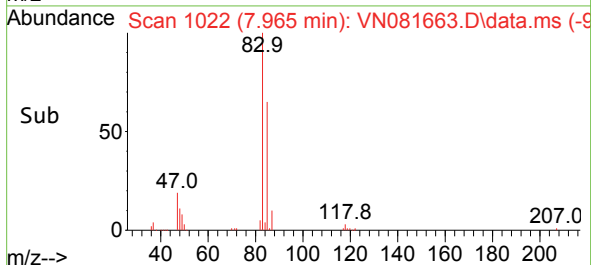
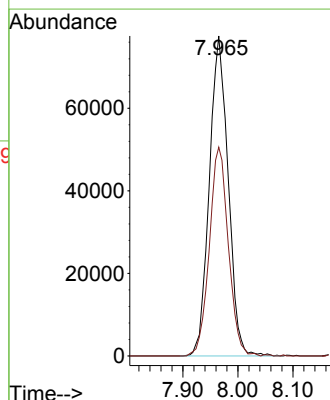
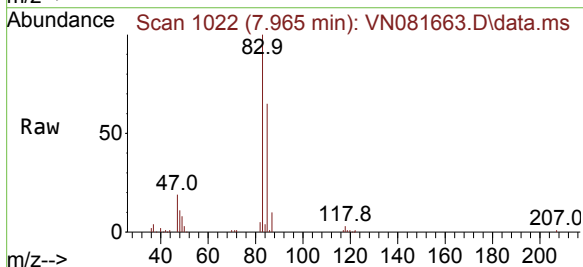
Acq: 03 Apr 2024 17:57

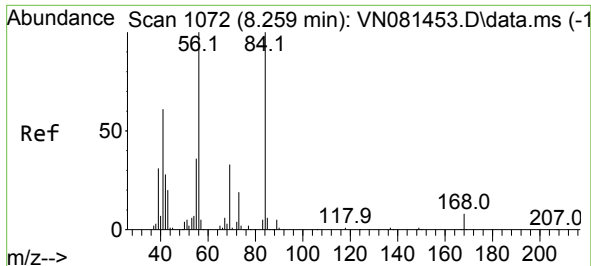
Tgt Ion: 83 Resp: 184373

Ion Ratio Lower Upper

83 100

85 65.2 51.0 76.6

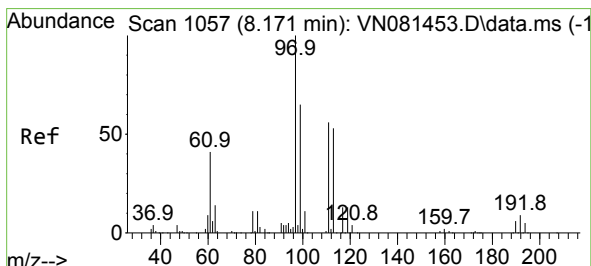
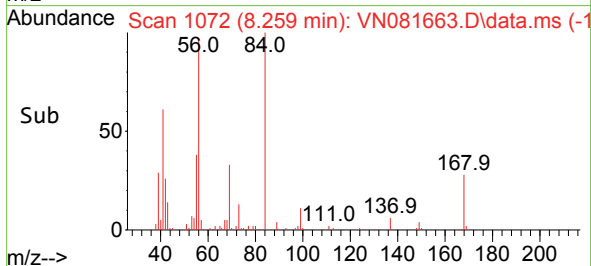
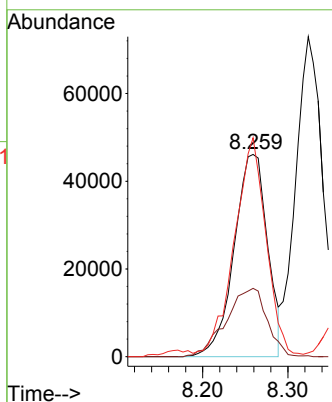
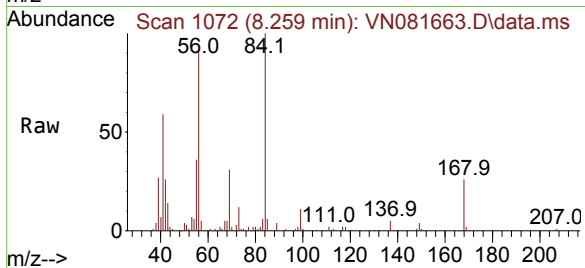




#31
Cyclohexane
Concen: 16.720 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

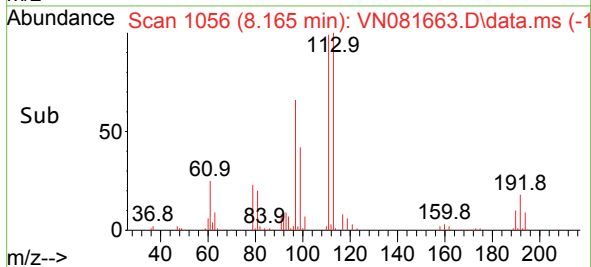
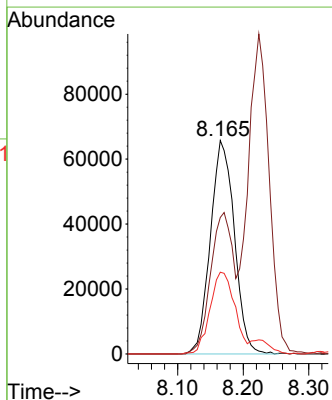
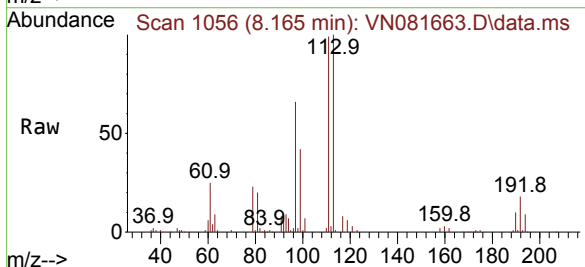
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

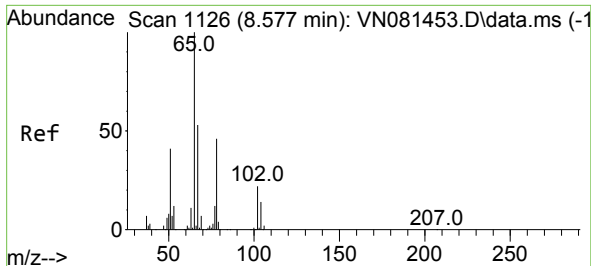
Tgt Ion: 56 Resp: 125461
Ion Ratio Lower Upper
56 100
69 33.8 20.1 30.1#
84 105.0 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 20.623 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 97 Resp: 166685
Ion Ratio Lower Upper
97 100
99 61.8 53.4 80.0
61 39.6 43.8 65.8#





#33

1,2-Dichloroethane-d4

Concen: 55.090 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081663.D

Acq: 03 Apr 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

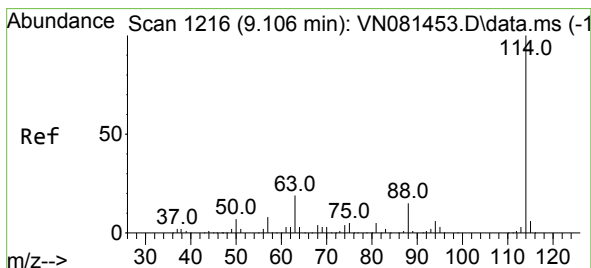
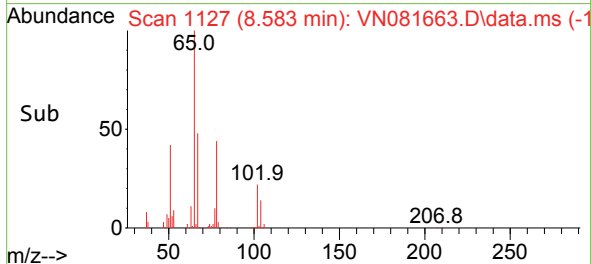
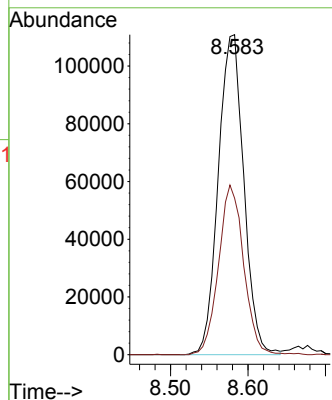
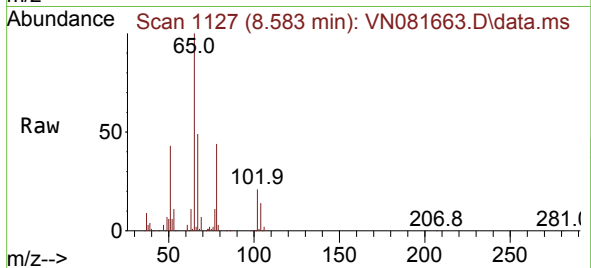
VN0403MBS01

Tgt Ion: 65 Resp: 254033

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081663.D

Acq: 03 Apr 2024 17:57

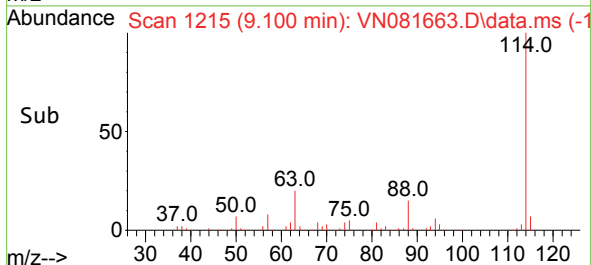
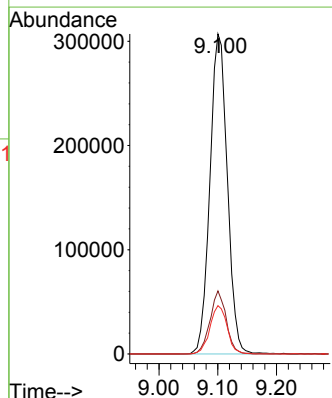
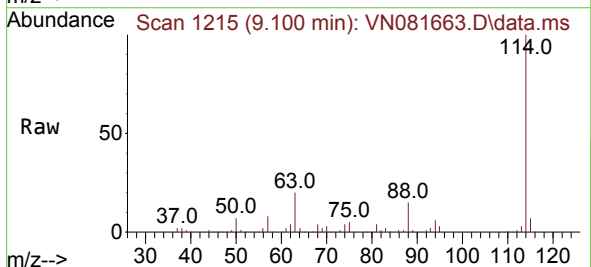
Tgt Ion: 114 Resp: 632303

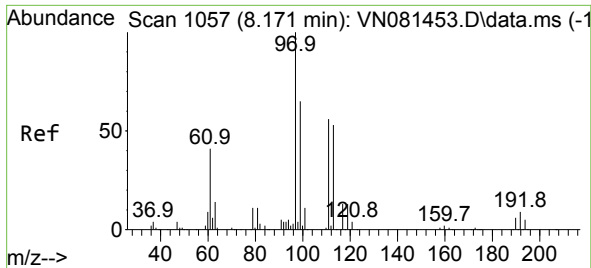
Ion Ratio Lower Upper

114 100

63 19.7 0.0 48.0

88 15.1 0.0 34.8

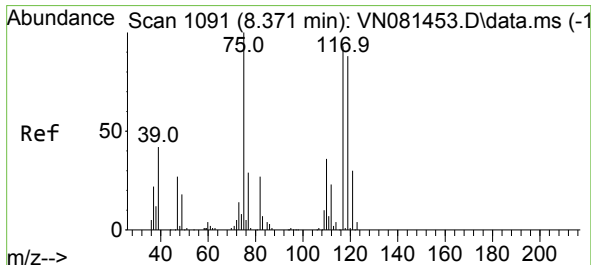
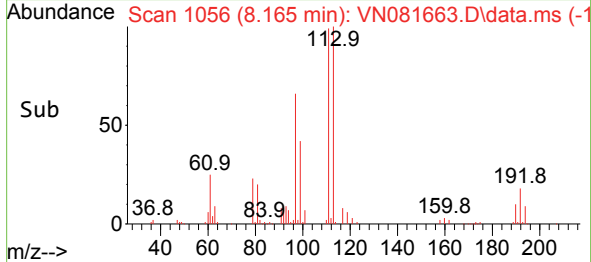
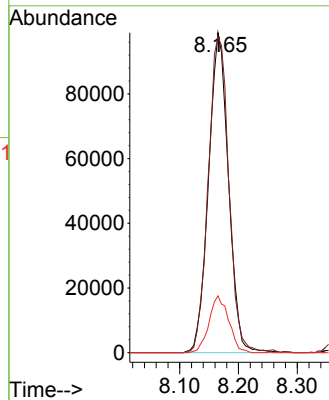
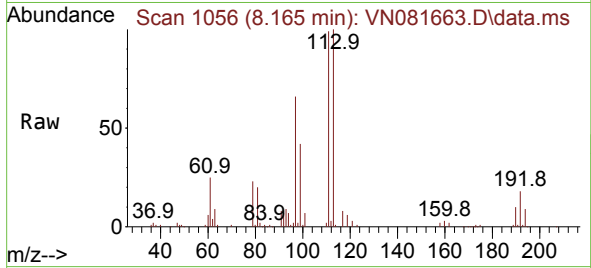




#35
 Dibromofluoromethane
 Concen: 58.413 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VN081663.D
 Acq: 03 Apr 2024 17:57

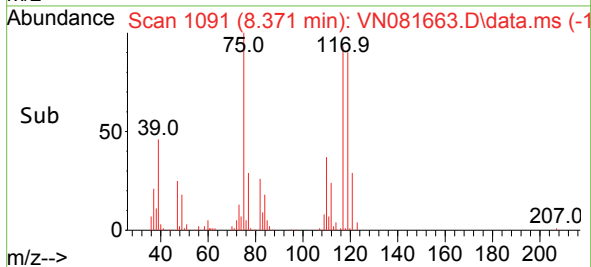
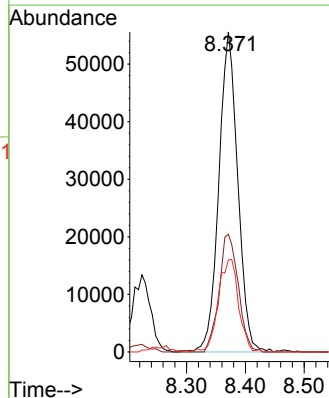
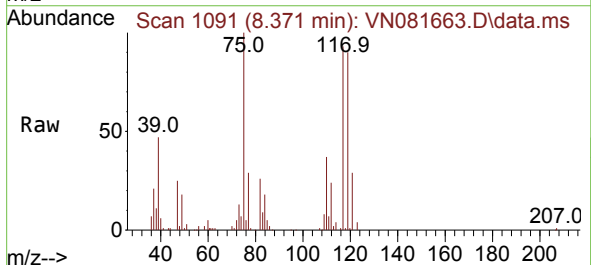
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403MBS01

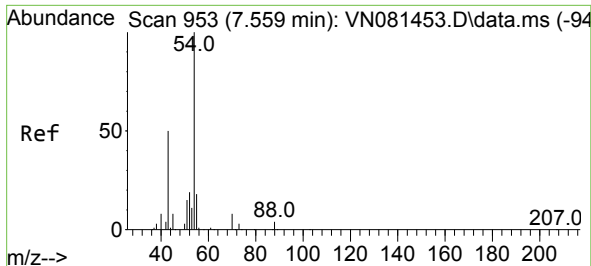
Tgt Ion:113 Resp: 233095
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.4
 192 17.5 12.5 18.7



#36
 1,1-Dichloropropene
 Concen: 18.522 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN081663.D
 Acq: 03 Apr 2024 17:57

Tgt Ion: 75 Resp: 124382
 Ion Ratio Lower Upper
 75 100
 110 37.1 16.0 48.0
 77 31.1 25.8 38.6

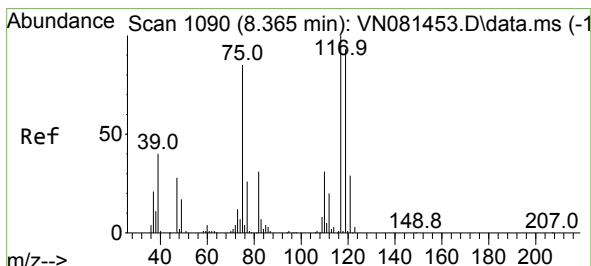
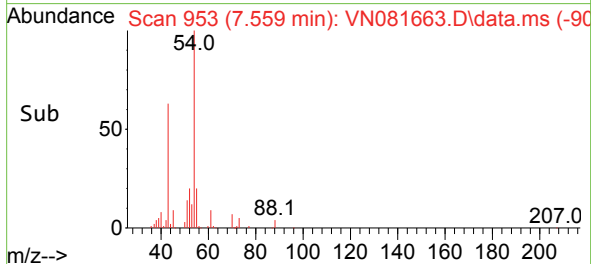
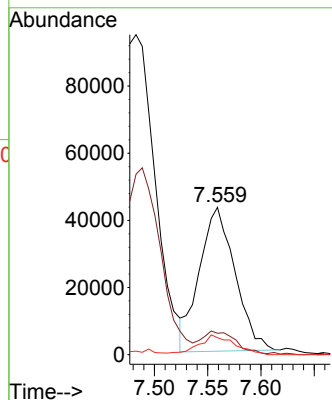
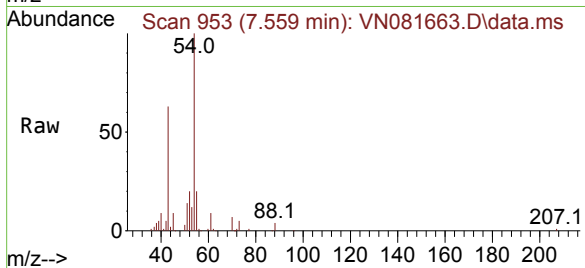




#37
Ethyl Acetate
Concen: 17.334 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

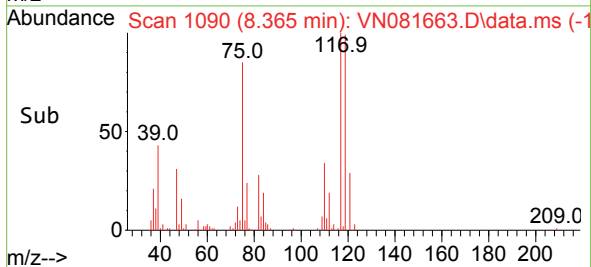
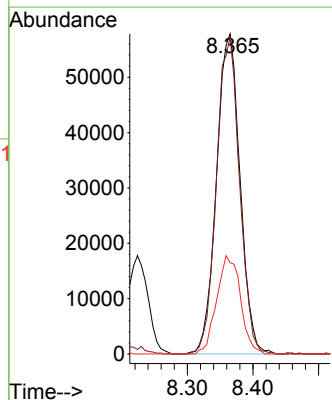
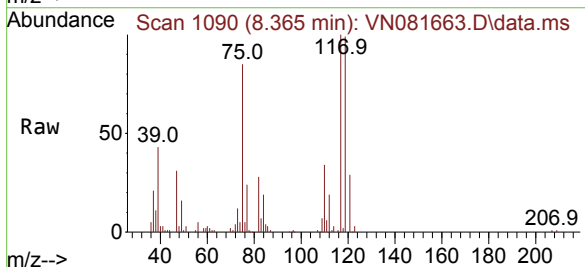
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

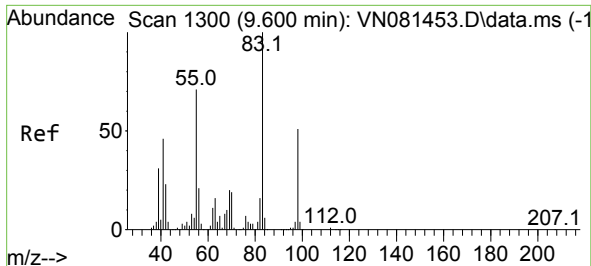
Tgt Ion: 43 Resp: 99677
Ion Ratio Lower Upper
43 100
61 14.7 10.6 15.8
70 13.7 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 19.601 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 117 Resp: 144199
Ion Ratio Lower Upper
117 100
119 99.0 73.4 110.2
121 28.6 24.4 36.6





#39

Methylcyclohexane

Concen: 18.311 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081663.D

Acq: 03 Apr 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN0403MBS01

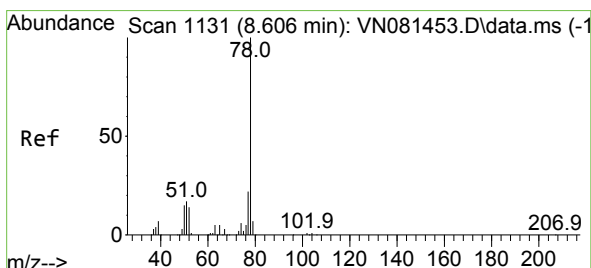
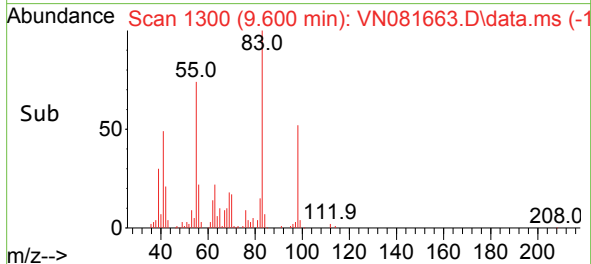
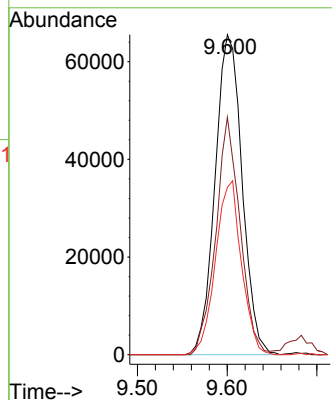
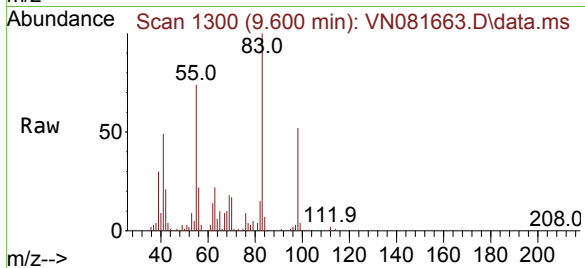
Tgt Ion: 83 Resp: 137324

Ion Ratio Lower Upper

83 100

55 74.2 65.7 98.5

98 52.3 33.8 50.6#



#40

Benzene

Concen: 19.410 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081663.D

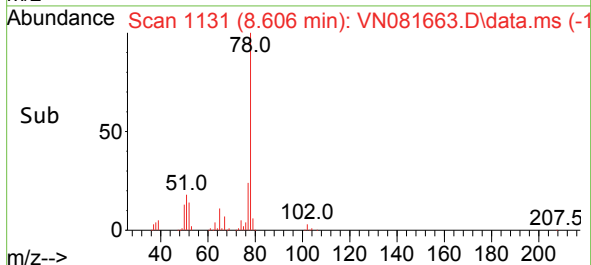
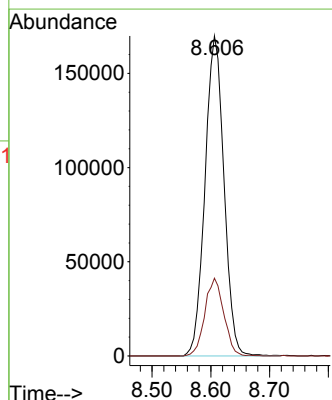
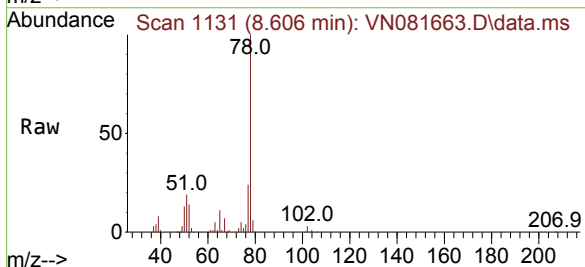
Acq: 03 Apr 2024 17:57

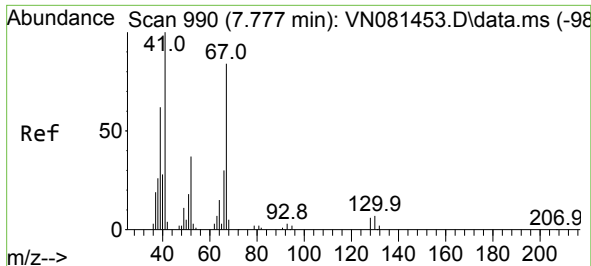
Tgt Ion: 78 Resp: 381088

Ion Ratio Lower Upper

78 100

77 24.3 20.4 30.6

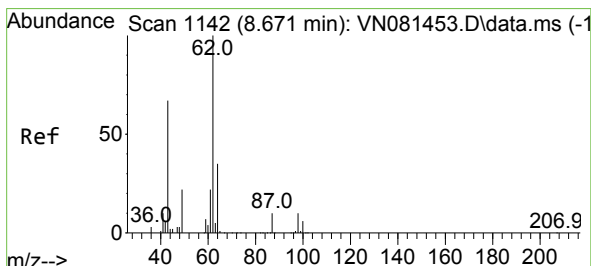
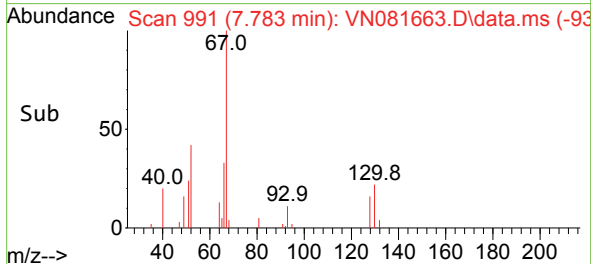
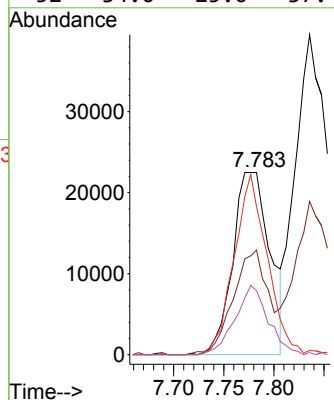
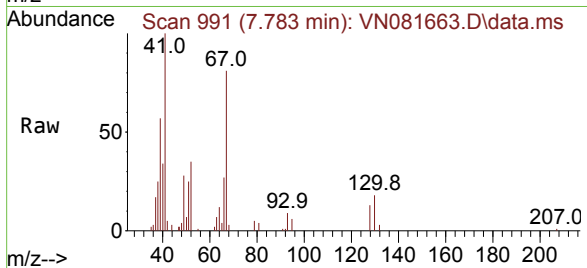




#41
Methacrylonitrile
Concen: 19.097 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

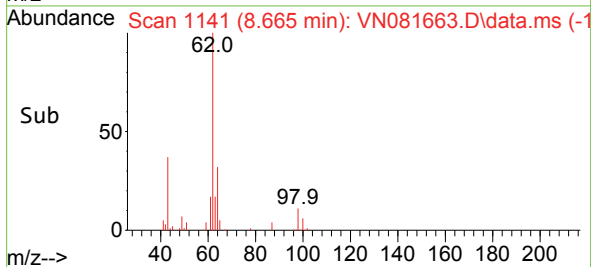
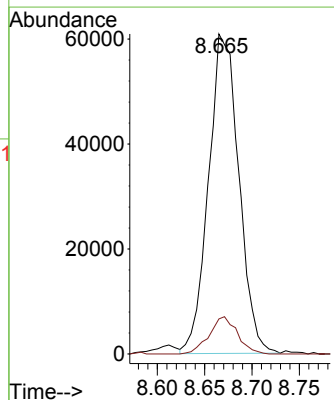
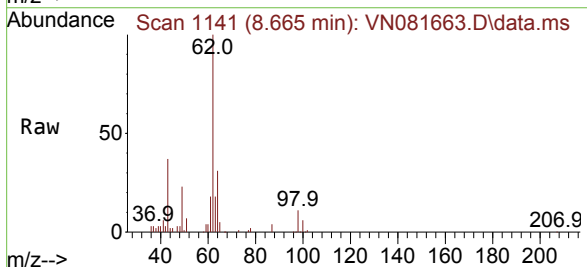
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

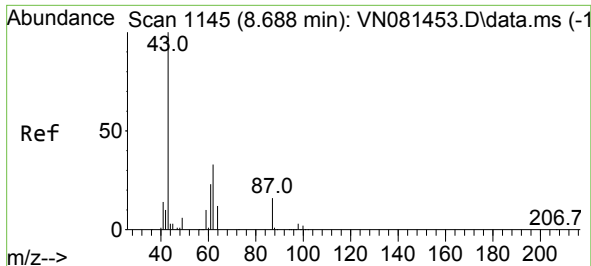
Tgt Ion:	41	Resp:	58077
Ion	Ratio	Lower	Upper
41	100		
39	52.4	48.4	72.6
67	88.7	56.8	85.2#
52	34.0	25.0	37.4



#42
1,2-Dichloroethane
Concen: 19.612 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion:	62	Resp:	135506
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	18.0

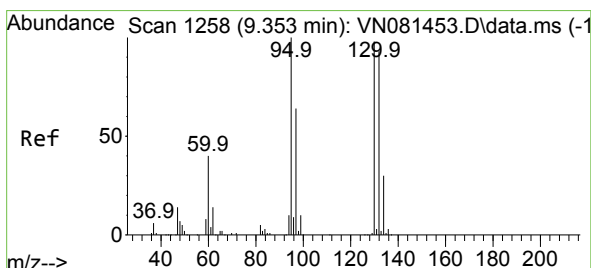
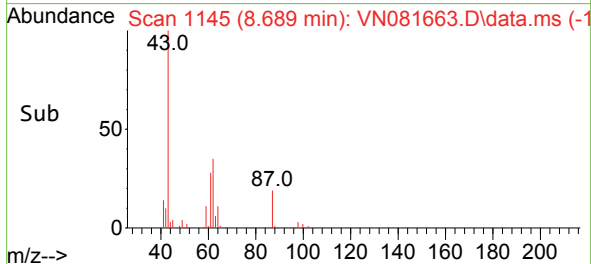
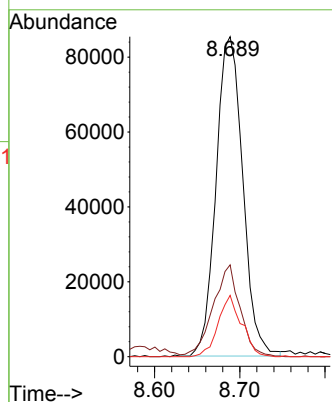
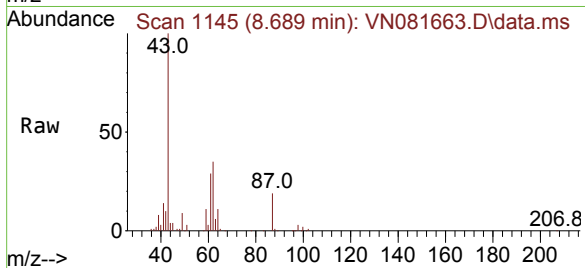




#43
Isopropyl Acetate
Concen: 19.527 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

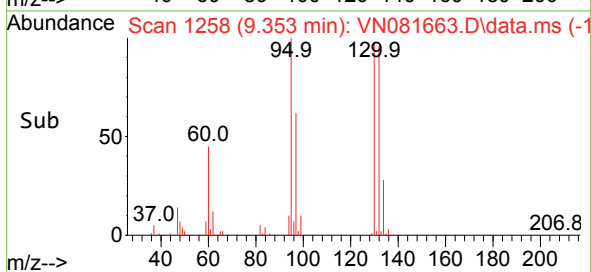
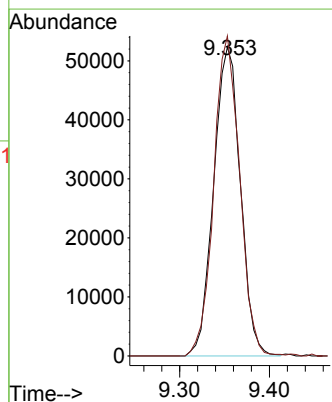
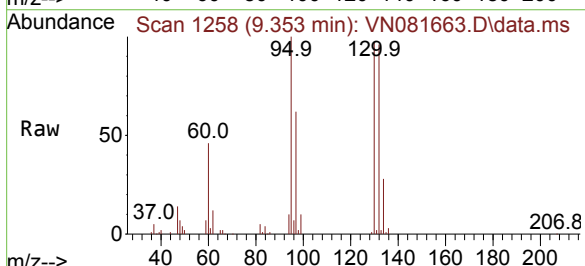
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBSD01

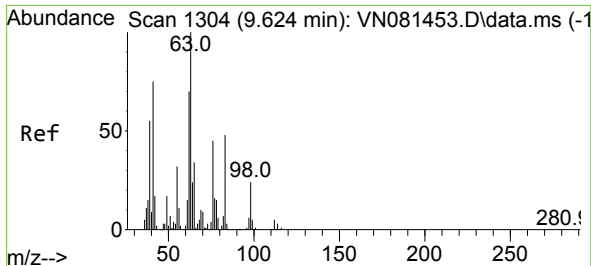
Tgt Ion: 43 Resp: 186127
Ion Ratio Lower Upper
43 100
61 29.2 19.9 29.9
87 16.9 9.0 13.6#



#44
Trichloroethene
Concen: 19.595 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion:130 Resp: 108204
Ion Ratio Lower Upper
130 100
95 103.6 0.0 210.4





#45

1,2-Dichloropropane

Concen: 20.562 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081663.D

Acq: 03 Apr 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

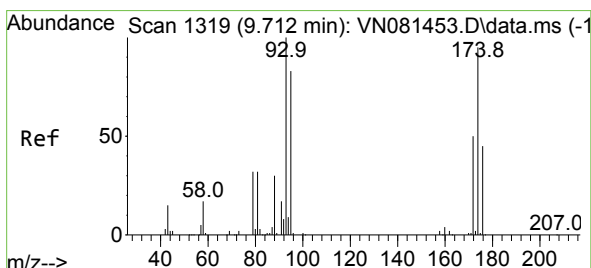
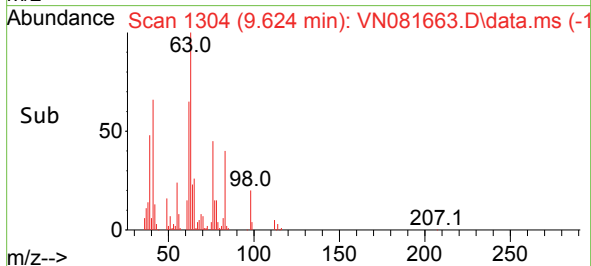
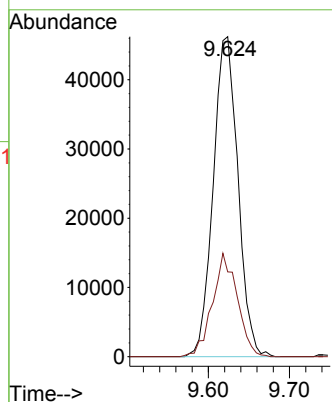
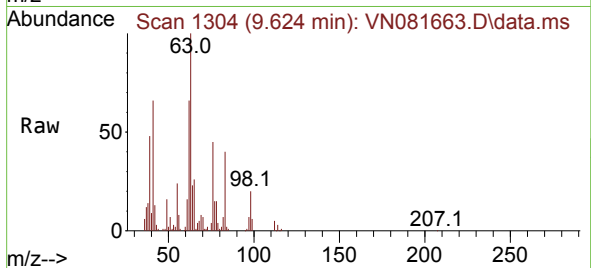
VN0403MBS01

Tgt Ion: 63 Resp: 97839

Ion Ratio Lower Upper

63 100

65 26.5 26.1 39.1



#46

Dibromomethane

Concen: 20.116 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081663.D

Acq: 03 Apr 2024 17:57

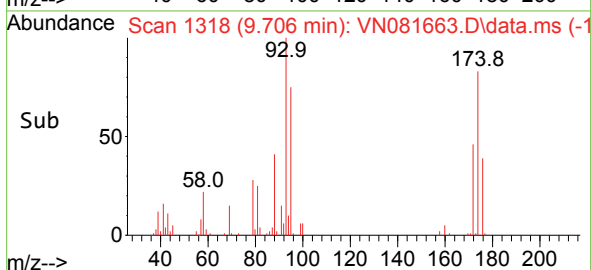
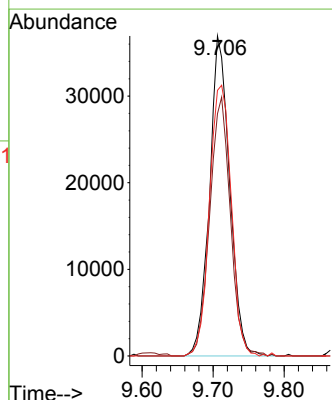
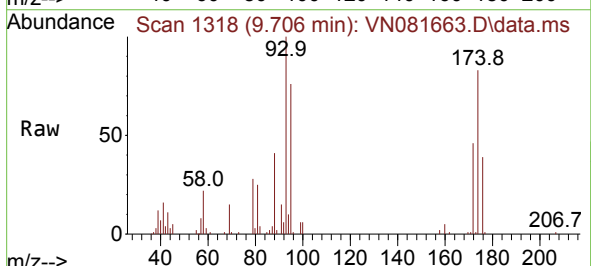
Tgt Ion: 93 Resp: 72687

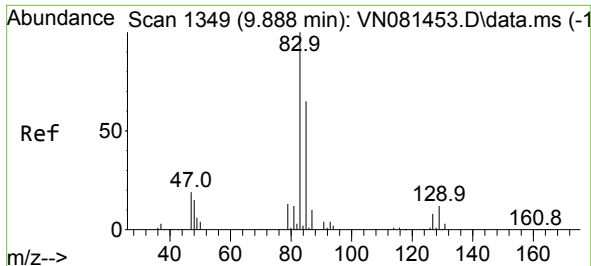
Ion Ratio Lower Upper

93 100

95 83.1 68.1 102.1

174 91.6 57.2 85.8#

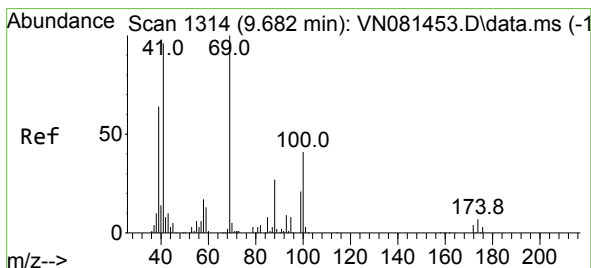
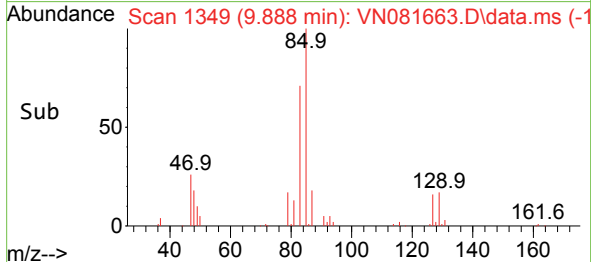
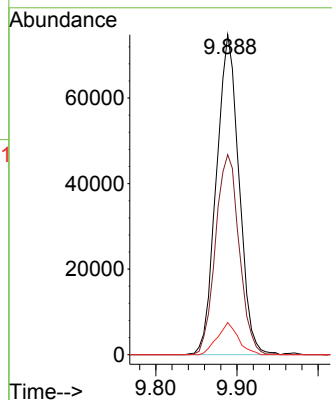
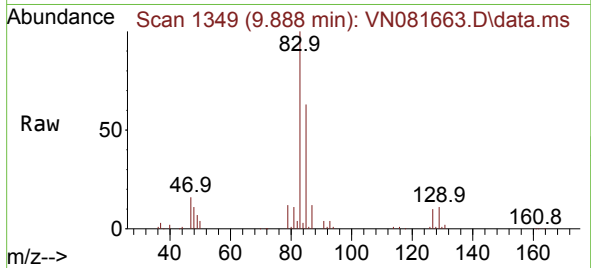




#47
Bromodichloromethane
Concen: 20.518 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

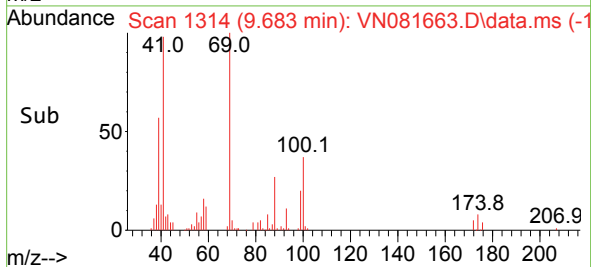
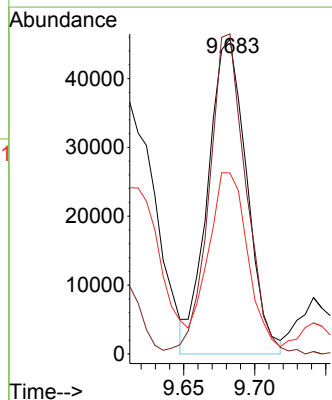
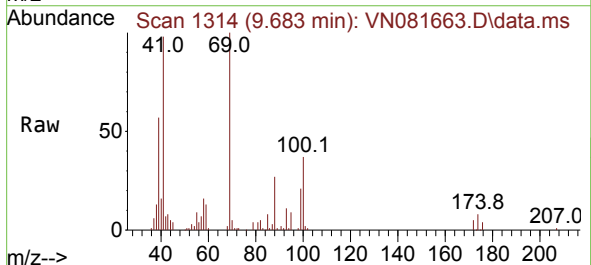
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBSD01

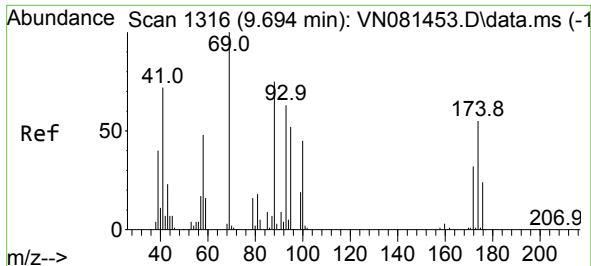
Tgt Ion: 83 Resp: 144958
Ion Ratio Lower Upper
83 100
85 62.5 52.3 78.5
127 10.0 4.6 7.0#



#48
Methyl methacrylate
Concen: 19.799 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 41 Resp: 87049
Ion Ratio Lower Upper
41 100
69 96.1 62.2 93.2#
39 58.9 47.6 71.4





#49

1,4-Dioxane

Concen: 378.114 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081663.D

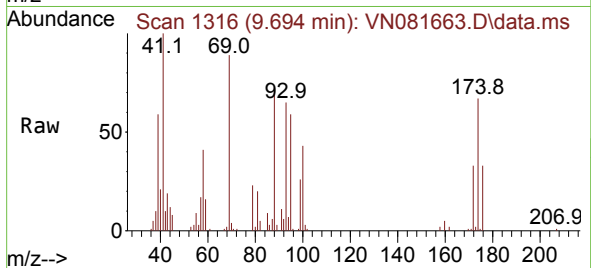
Acq: 03 Apr 2024 17:57

Instrument :

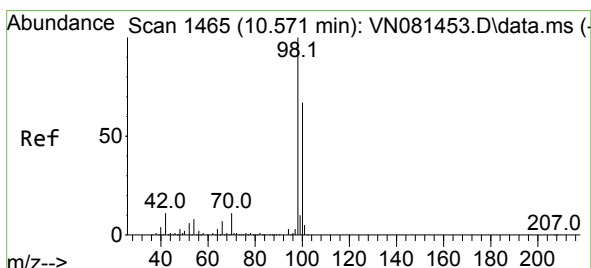
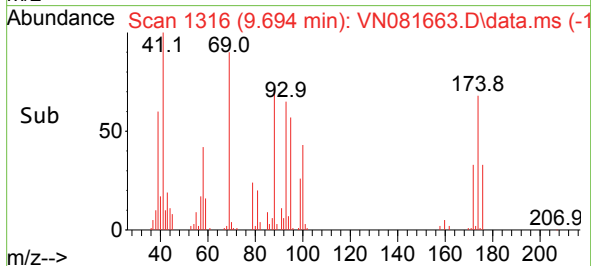
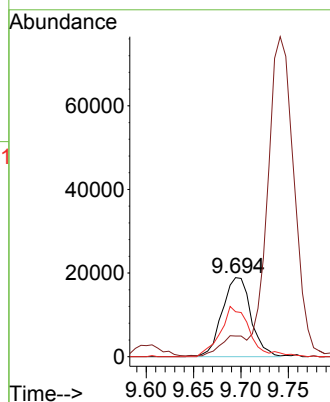
MSVOA_N

ClientSampleId :

VN0403MBS01



Tgt Ion:	88	Resp:	39950
Ion Ratio	Lower	Upper	
88	100		
43	22.8	30.1	45.1#
58	65.1	63.9	95.9



#50

Toluene-d8

Concen: 55.685 ug/l

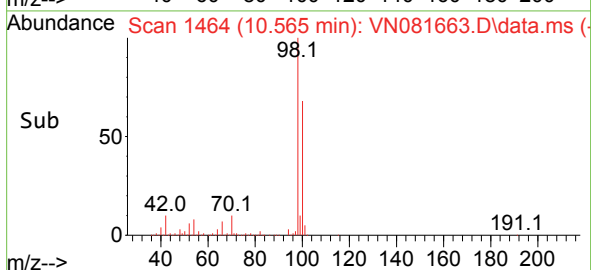
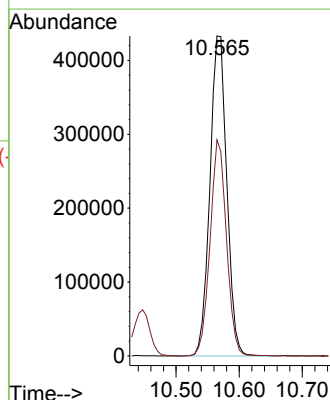
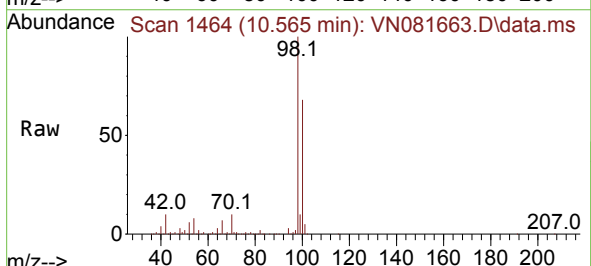
RT: 10.565 min Scan# 1464

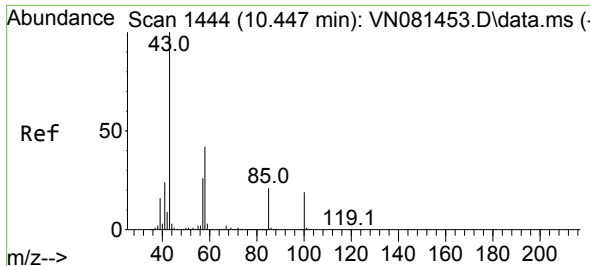
Delta R.T. -0.006 min

Lab File: VN081663.D

Acq: 03 Apr 2024 17:57

Tgt Ion:	98	Resp:	803264
Ion Ratio	Lower	Upper	
98	100		
100	65.6	51.4	77.0

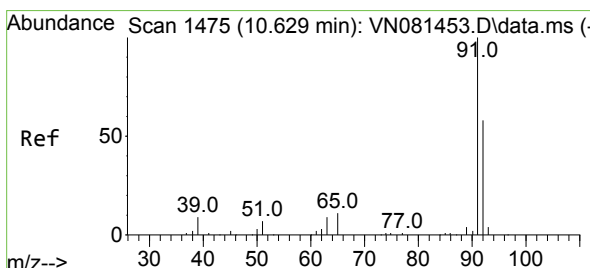
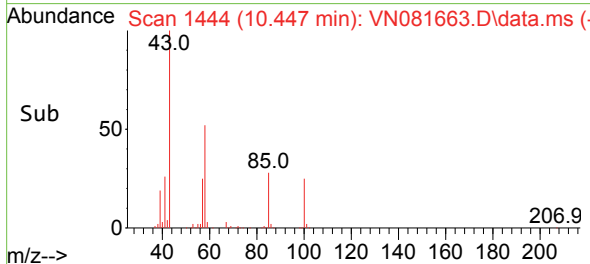
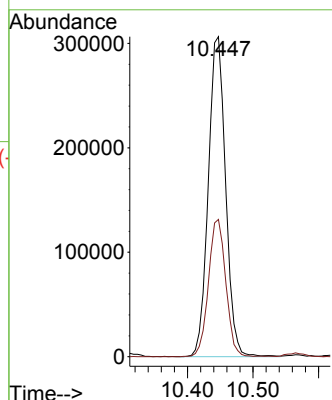
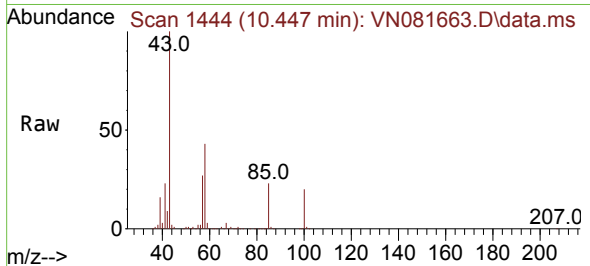




#51
4-Methyl-2-Pentanone
Concen: 96.817 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

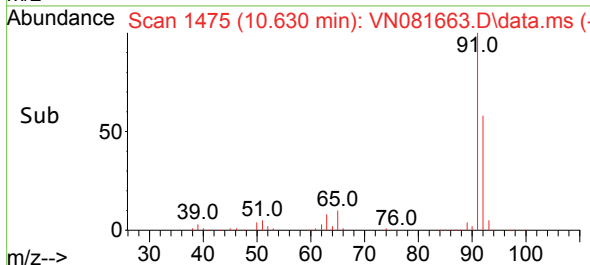
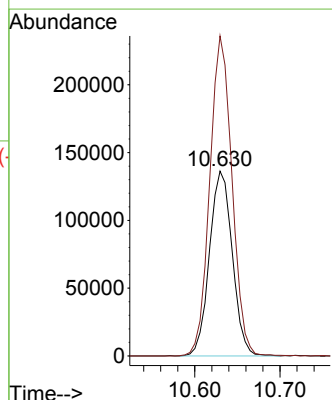
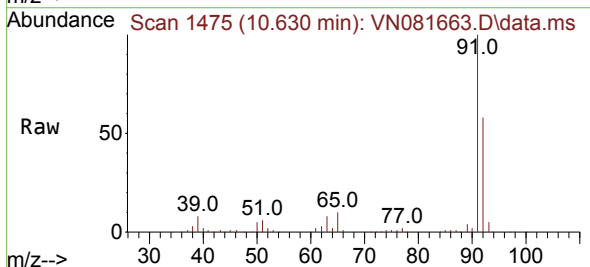
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

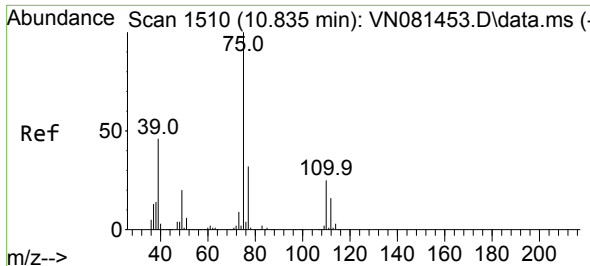
Tgt Ion: 43 Resp: 563123
Ion Ratio Lower Upper
43 100
58 42.9 29.4 44.0



#52
Toluene
Concen: 20.344 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 92 Resp: 253862
Ion Ratio Lower Upper
92 100
91 168.6 139.4 209.0

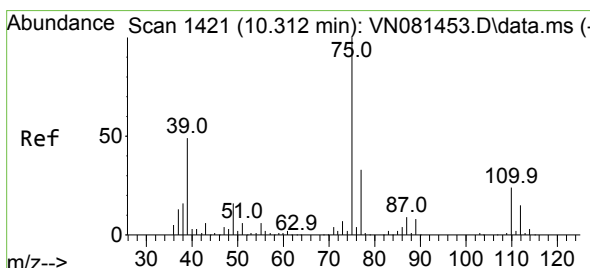
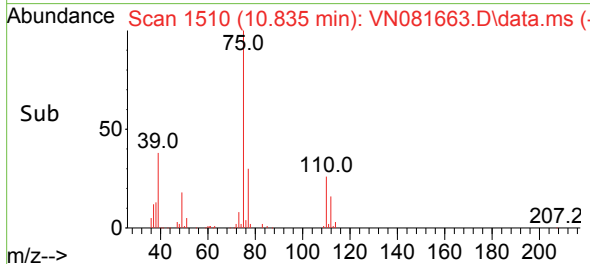
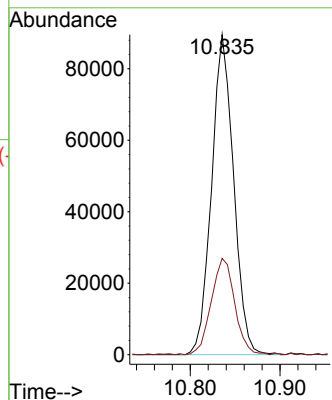
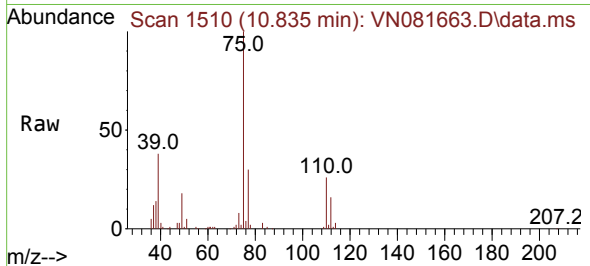




#53
 t-1,3-Dichloropropene
 Concen: 19.988 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081663.D
 Acq: 03 Apr 2024 17:57

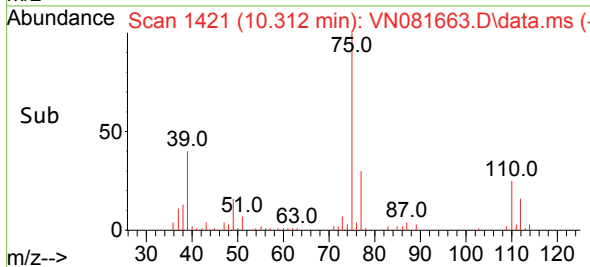
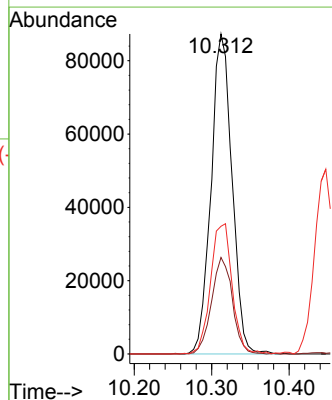
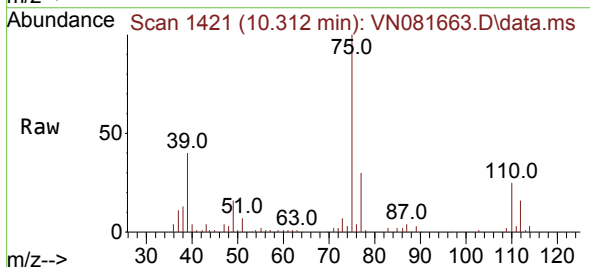
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403MBS01

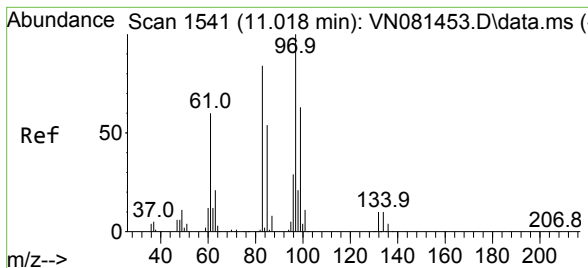
Tgt Ion: 75 Resp: 152484
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.086 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081663.D
 Acq: 03 Apr 2024 17:57

Tgt Ion: 75 Resp: 164287
 Ion Ratio Lower Upper
 75 100
 77 30.2 23.3 34.9
 39 39.9 44.6 66.8#

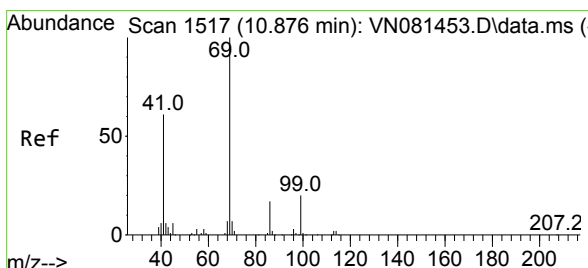
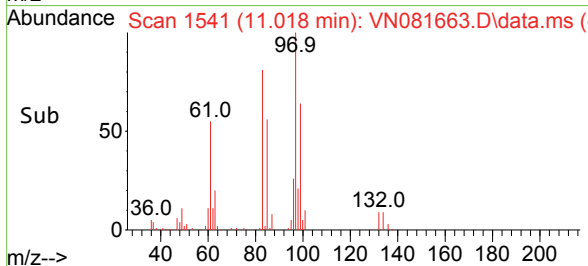
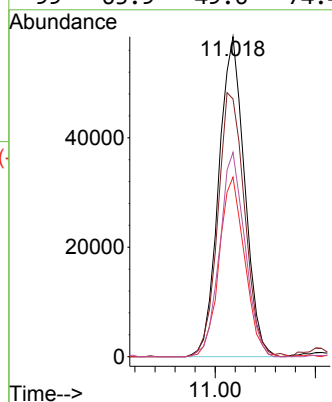
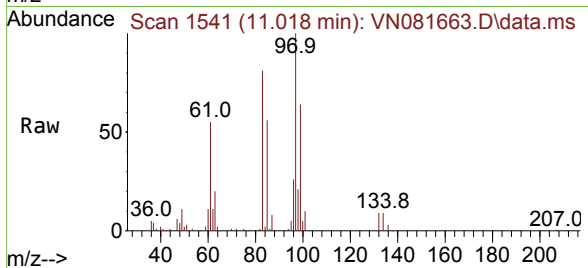




#55
1,1,2-Trichloroethane
Concen: 20.848 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

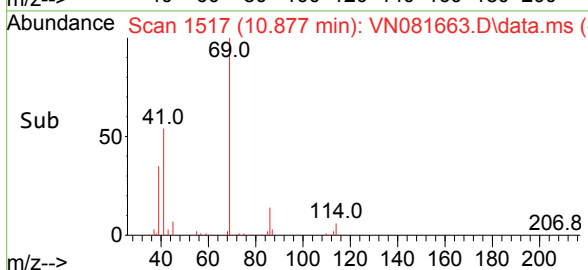
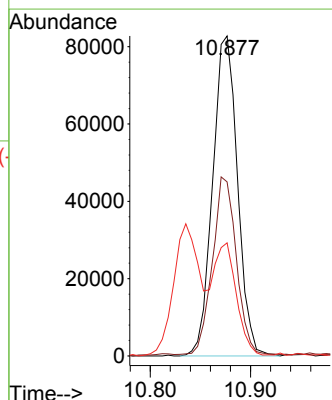
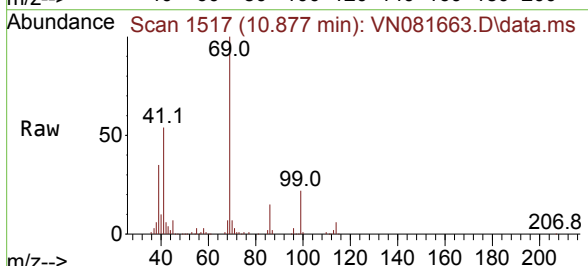
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

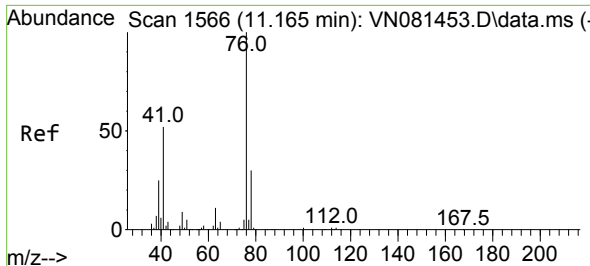
Tgt Ion:	97	Resp:	104700
Ion	Ratio	Lower	Upper
97	100		
83	80.6	72.9	109.3
85	56.1	50.2	75.2
99	63.9	49.6	74.4



#56
Ethyl methacrylate
Concen: 20.623 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion:	69	Resp:	142570
Ion	Ratio	Lower	Upper
69	100		
41	53.2	61.0	91.6#
39	30.3	31.8	47.6#

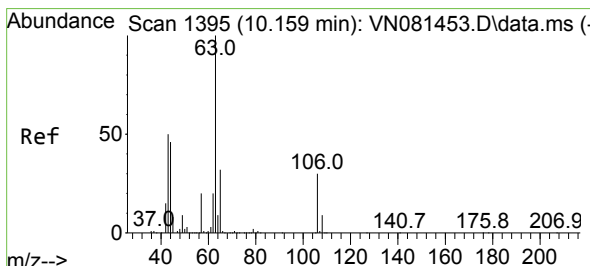
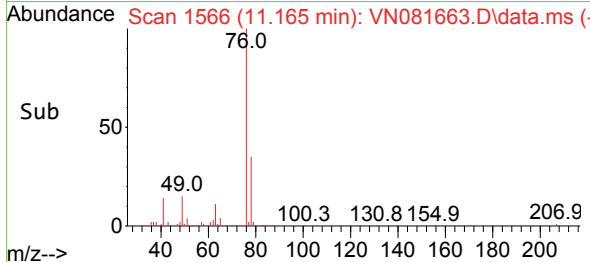
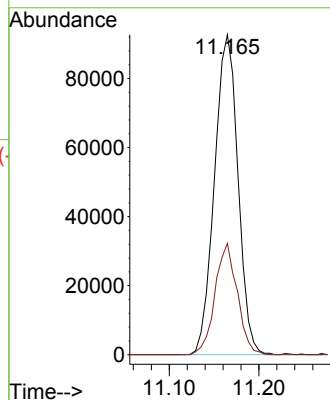
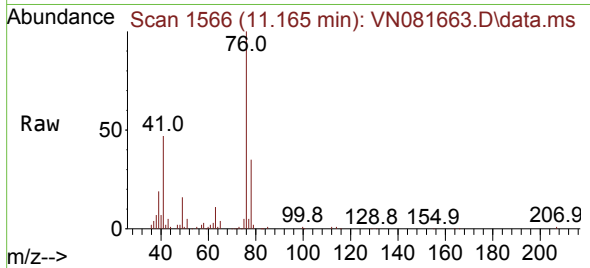




#57
1,3-Dichloropropane
Concen: 20.466 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

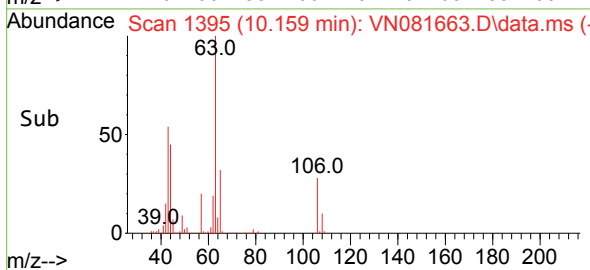
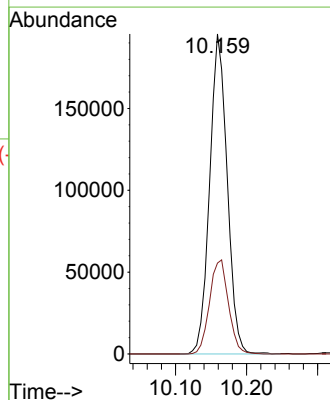
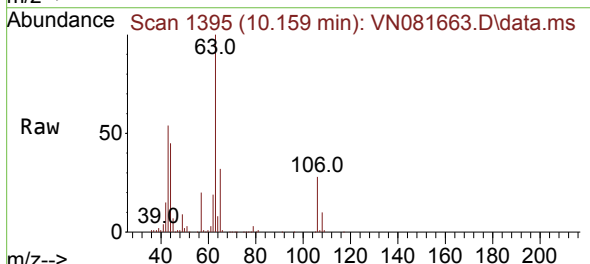
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

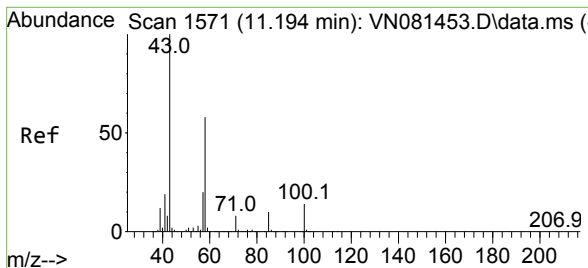
Tgt Ion: 76 Resp: 168486
Ion Ratio Lower Upper
76 100
78 33.0 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 105.978 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 63 Resp: 334887
Ion Ratio Lower Upper
63 100
106 31.7 18.6 28.0#

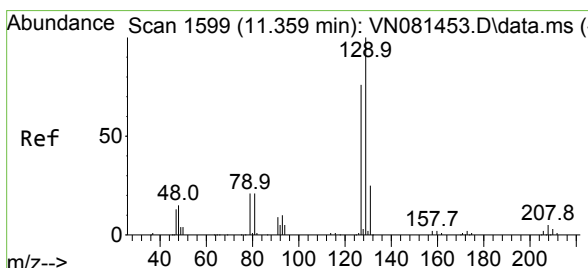
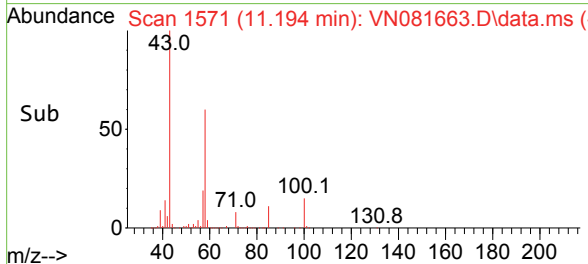
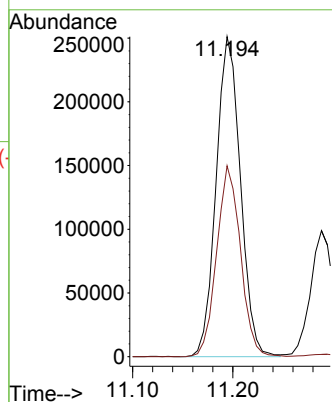
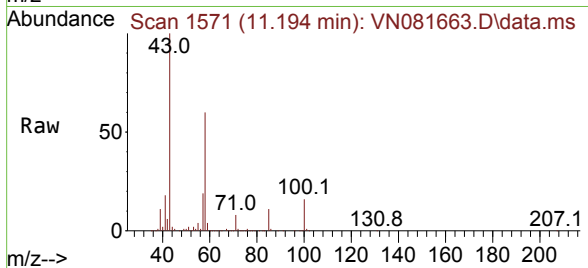




#59
2-Hexanone
Concen: 98.302 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

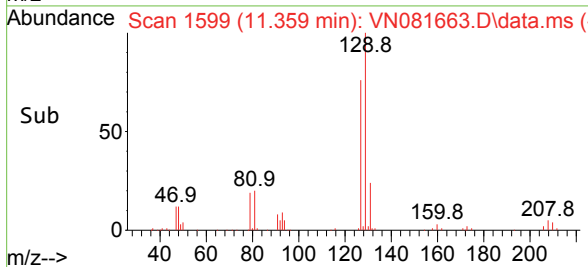
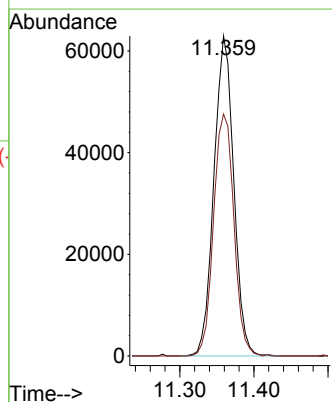
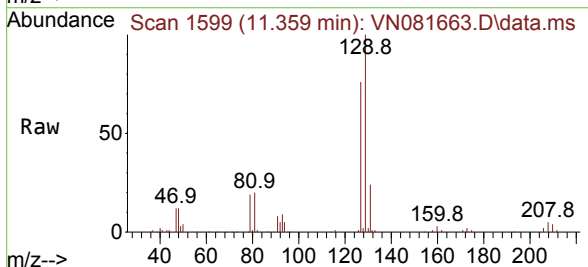
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

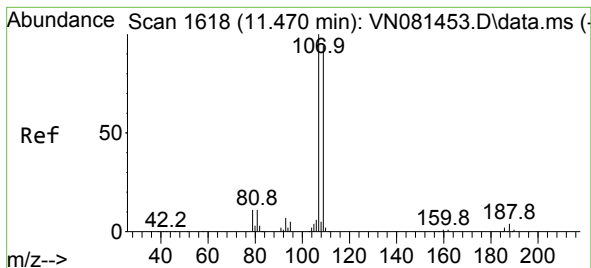
Tgt Ion: 43 Resp: 422727
Ion Ratio Lower Upper
43 100
58 58.4 25.9 77.8



#60
Dibromochloromethane
Concen: 21.153 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 129 Resp: 116826
Ion Ratio Lower Upper
129 100
127 77.7 39.4 118.2

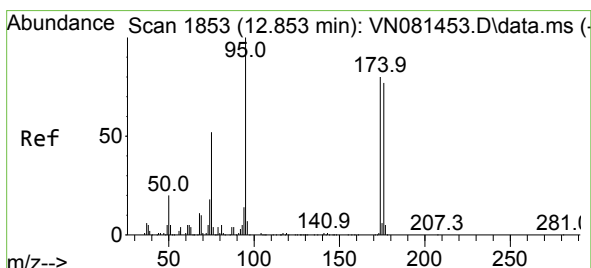
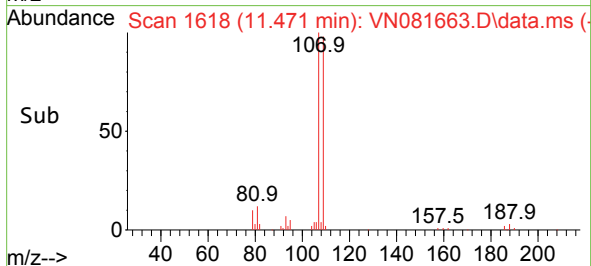
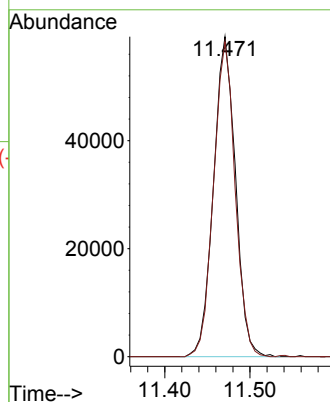
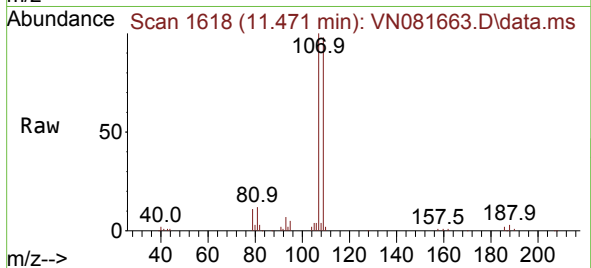




#61
1,2-Dibromoethane
Concen: 20.690 ug/l
RT: 11.471 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

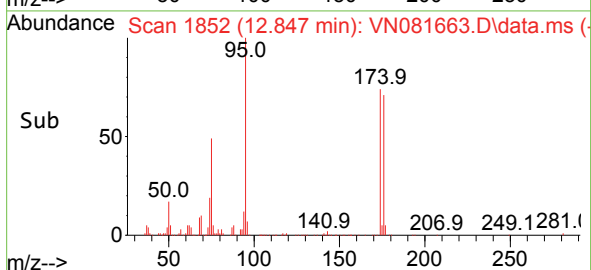
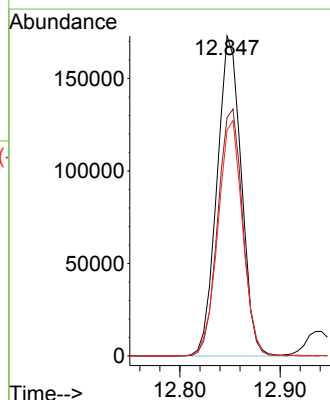
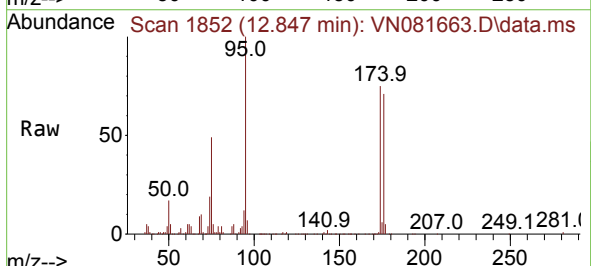
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

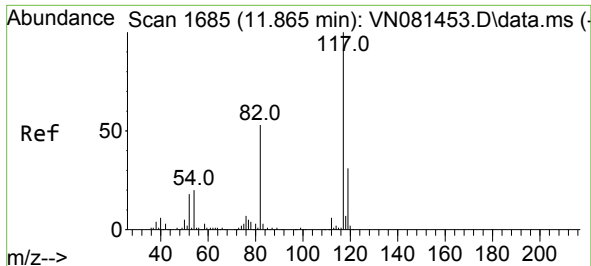
Tgt Ion:107 Resp: 105931
Ion Ratio Lower Upper
107 100
109 96.9 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 57.360 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 95 Resp: 291552
Ion Ratio Lower Upper
95 100
174 78.7 0.0 120.4
176 74.7 0.0 121.0

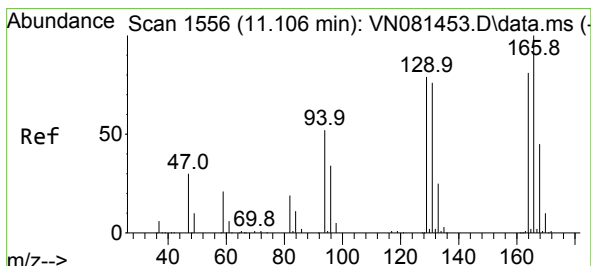
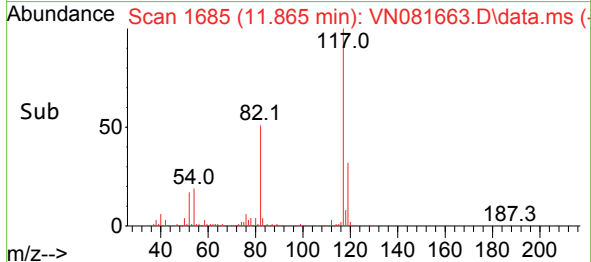
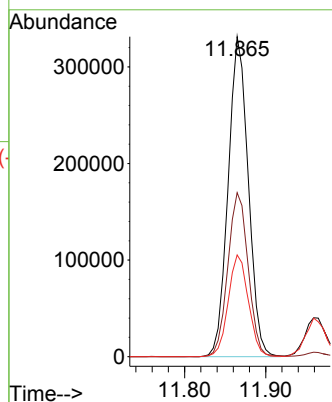
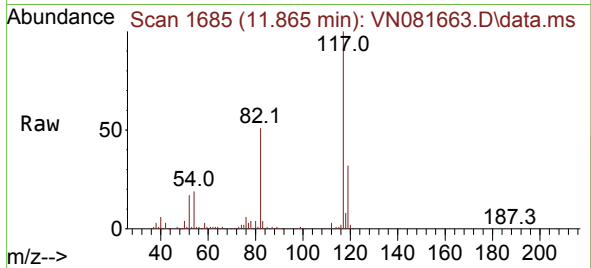




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

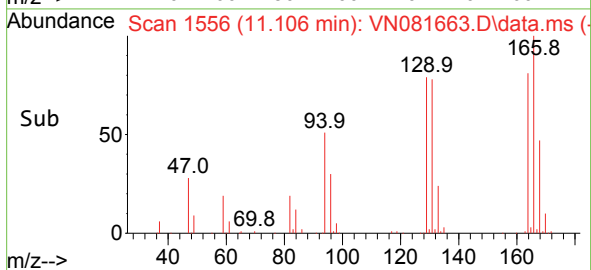
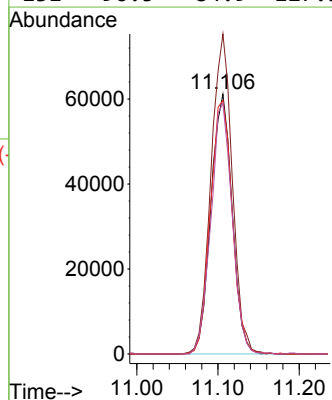
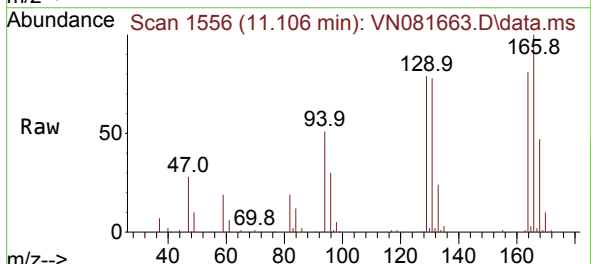
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

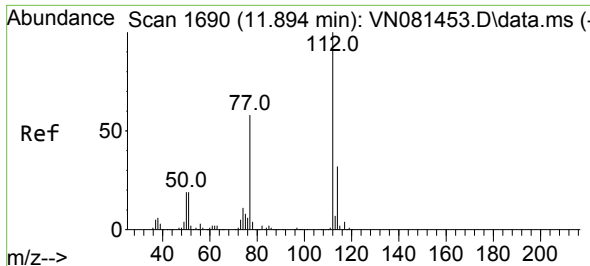
Tgt Ion:117 Resp: 569567
Ion Ratio Lower Upper
117 100
82 51.3 52.7 79.1#
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 20.451 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion:164 Resp: 111344
Ion Ratio Lower Upper
164 100
166 123.2 105.8 158.6
129 97.6 89.6 134.4
131 96.5 84.9 127.3

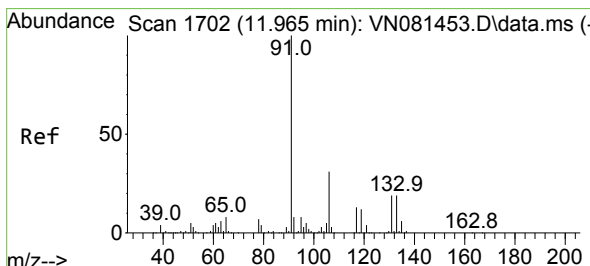
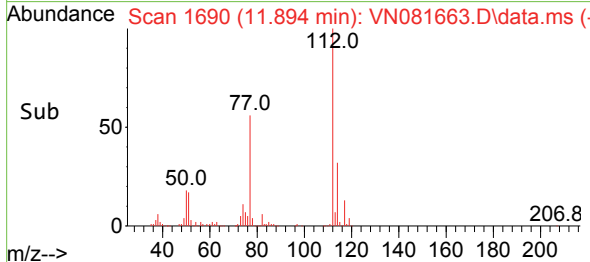
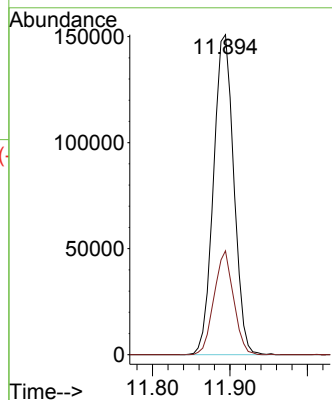
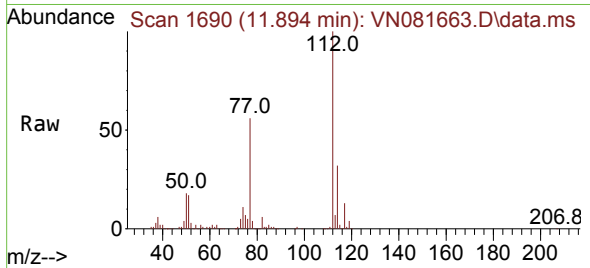




#65
Chlorobenzene
Concen: 20.392 ug/l
RT: 11.894 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

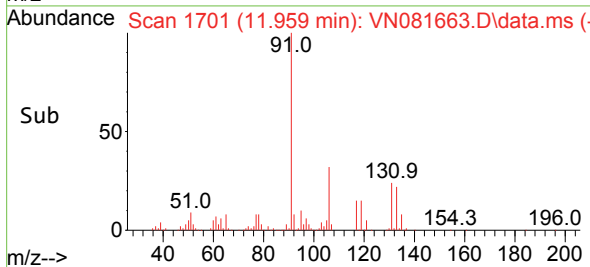
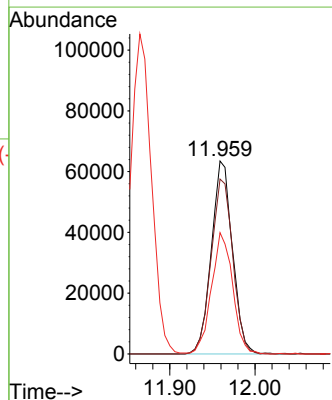
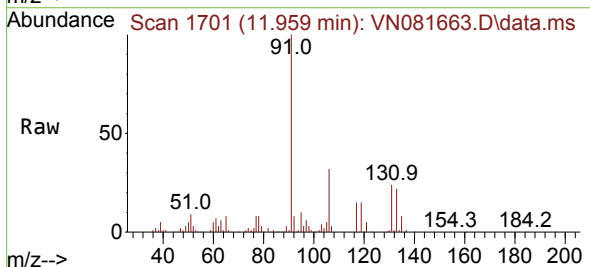
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

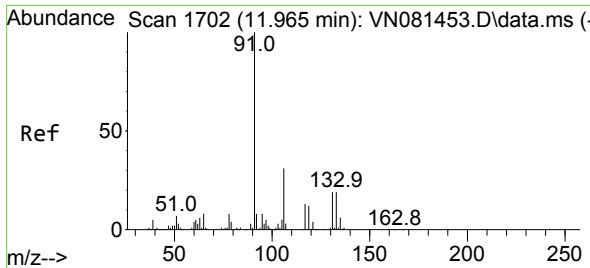
Tgt Ion:112 Resp: 274568
Ion Ratio Lower Upper
112 100
114 32.4 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.903 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion:131 Resp: 109301
Ion Ratio Lower Upper
131 100
133 93.3 46.8 140.3
119 63.0 34.6 103.9

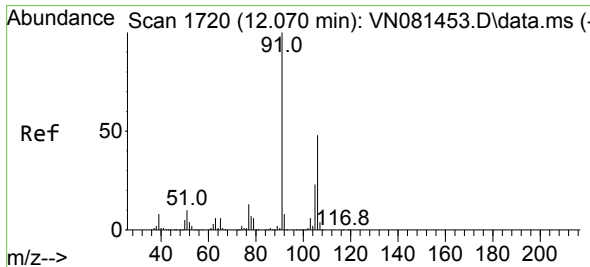
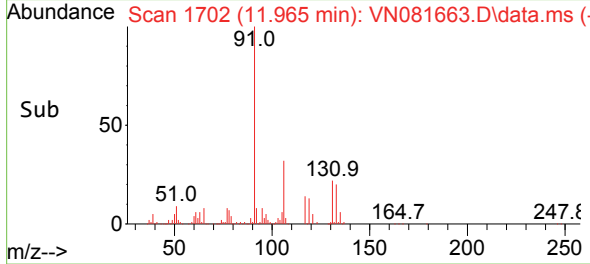
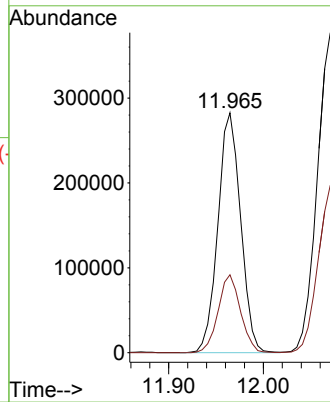
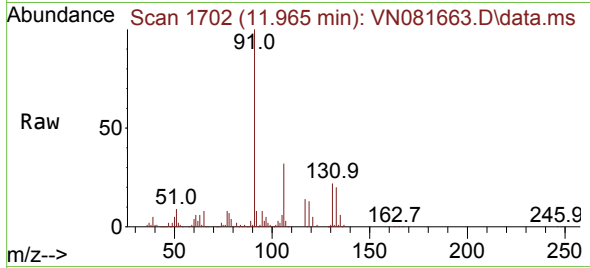




#67
Ethyl Benzene
Concen: 20.161 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

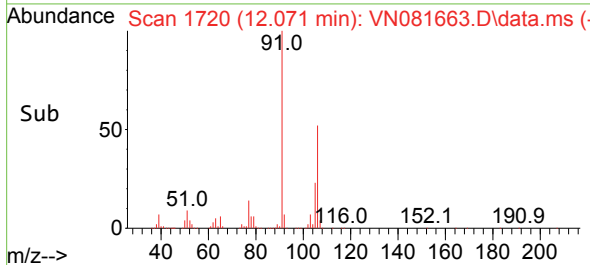
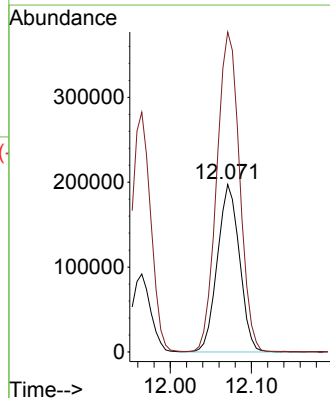
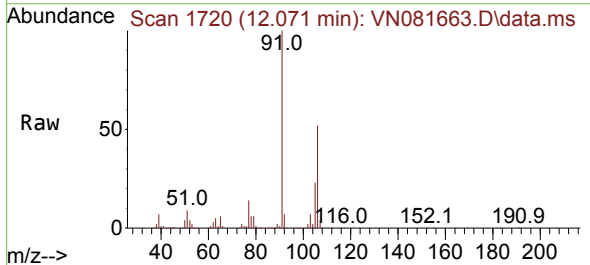
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

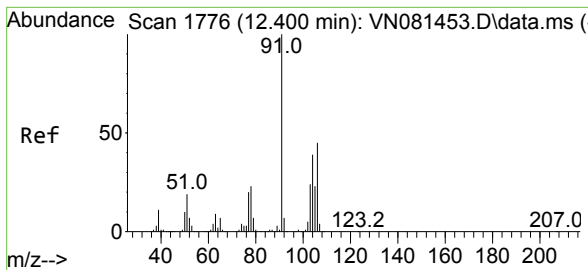
Tgt Ion: 91 Resp: 471545
Ion Ratio Lower Upper
91 100
106 32.5 23.8 35.6



#68
m/p-Xylenes
Concen: 42.619 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 106 Resp: 373690
Ion Ratio Lower Upper
106 100
91 198.0 169.0 253.6

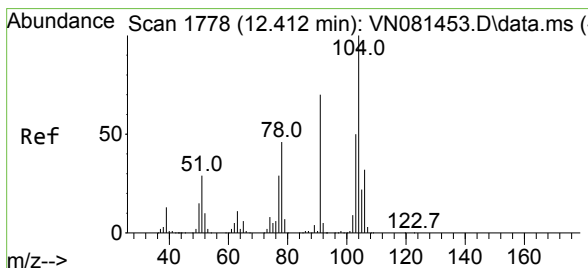
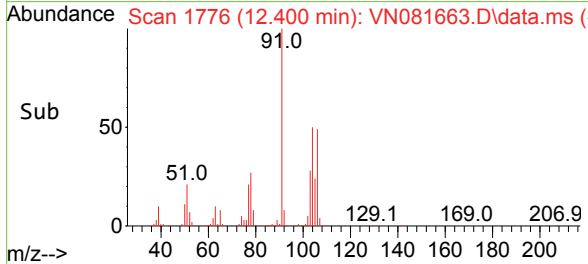
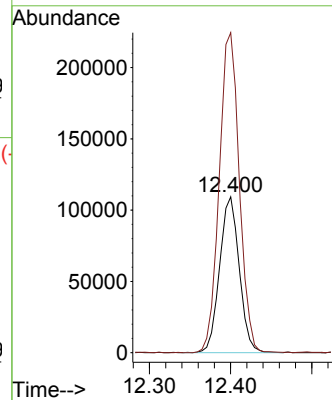
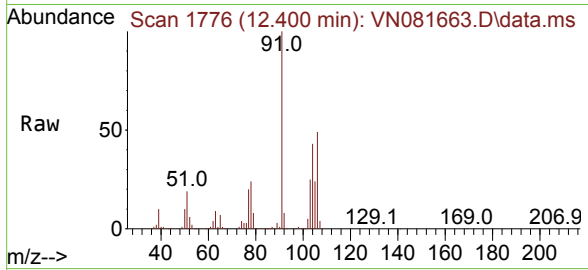




#69
o-Xylene
Concen: 21.335 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

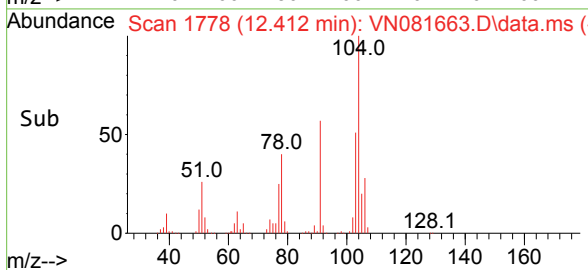
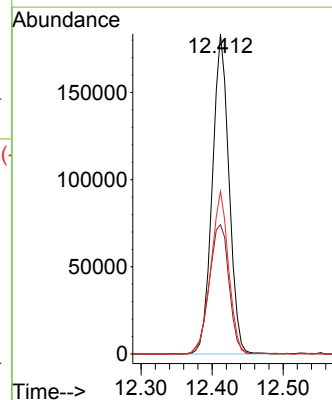
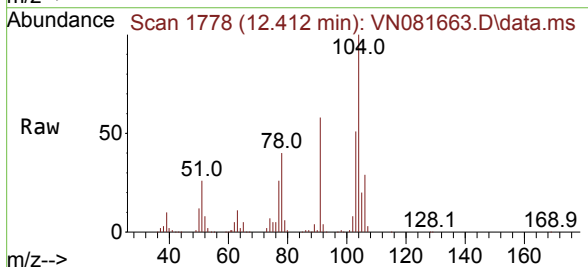
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

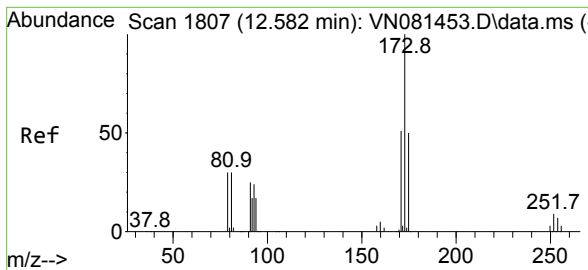
Tgt Ion:106 Resp: 183645
Ion Ratio Lower Upper
106 100
91 210.2 112.1 336.3



#70
Styrene
Concen: 21.623 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion:104 Resp: 300192
Ion Ratio Lower Upper
104 100
78 47.8 43.8 65.8
103 53.9 44.2 66.2

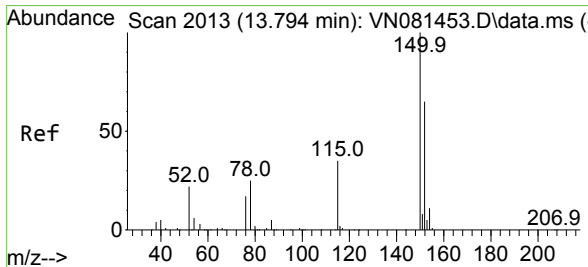
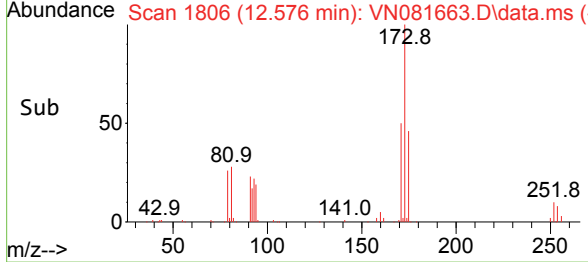
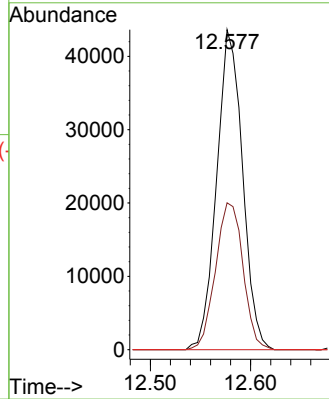
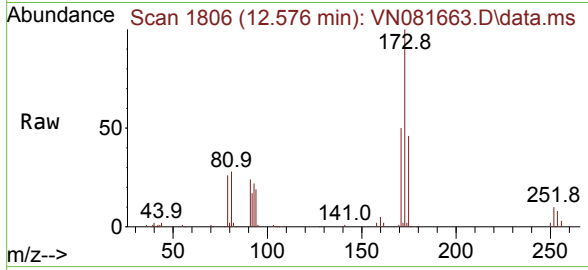




#71
Bromoform
Concen: 20.770 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

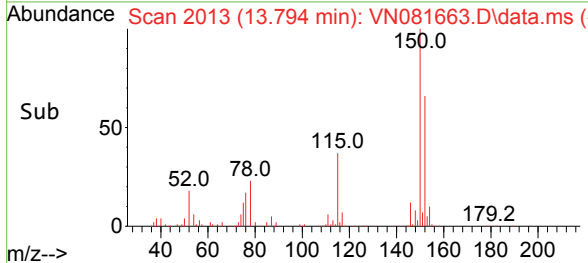
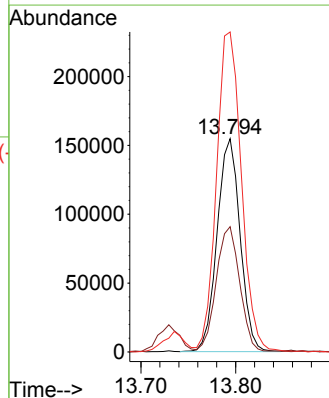
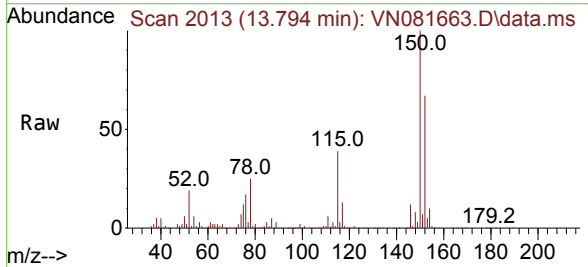
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

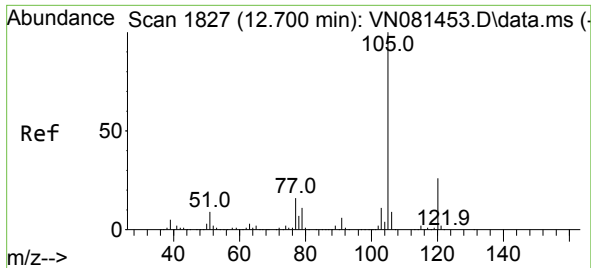
Tgt Ion:173 Resp: 77888
Ion Ratio Lower Upper
173 100
175 48.9 23.1 69.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion:152 Resp: 261426
Ion Ratio Lower Upper
152 100
115 59.9 32.3 96.8
150 162.4 0.0 339.8

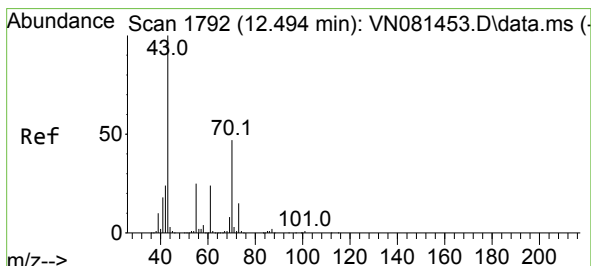
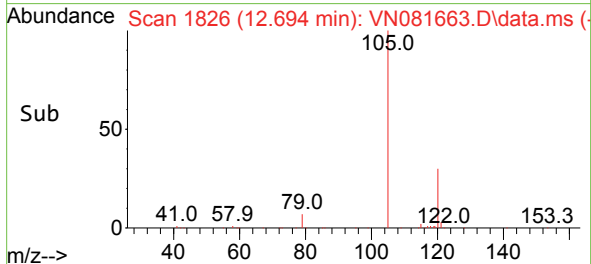
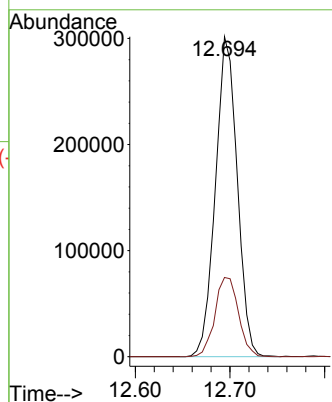
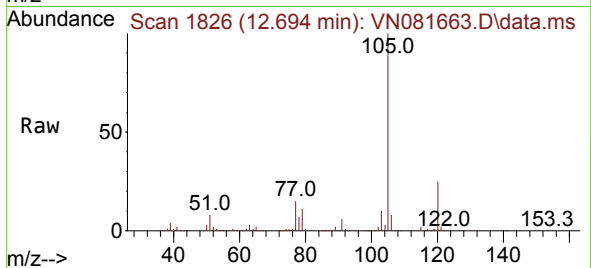




#73
Isopropylbenzene
Concen: 21.638 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

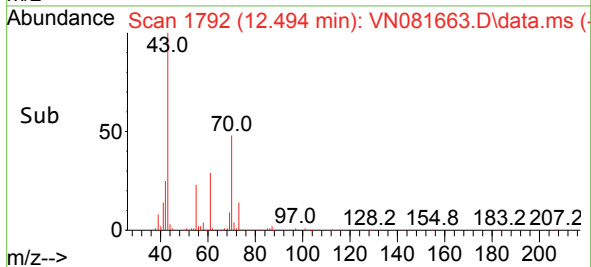
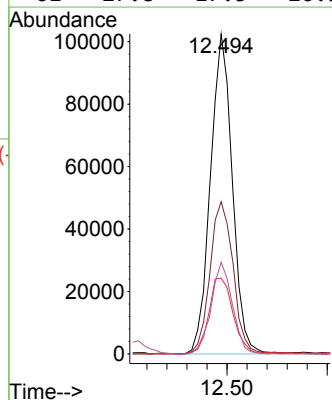
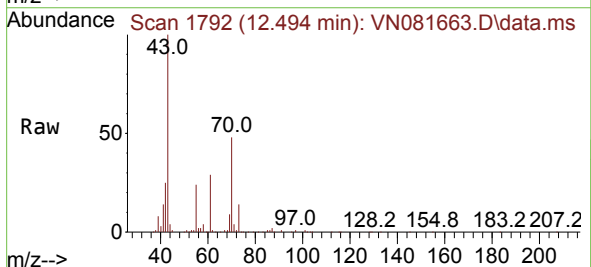
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

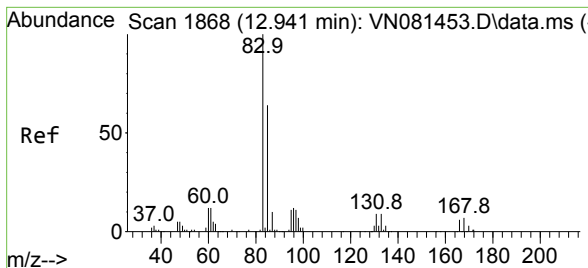
Tgt Ion:105 Resp: 482189
Ion Ratio Lower Upper
105 100
120 26.7 12.6 37.6



#74
N-ethyl acetate
Concen: 19.234 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 43 Resp: 155111
Ion Ratio Lower Upper
43 100
70 50.2 30.1 45.1#
55 26.2 17.0 25.4#
61 27.8 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.178 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081663.D

Acq: 03 Apr 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN0403MBS01

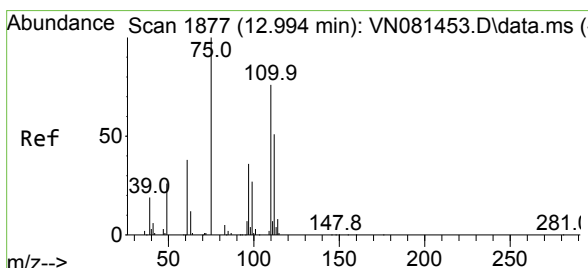
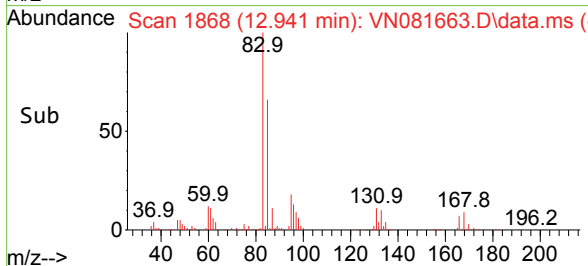
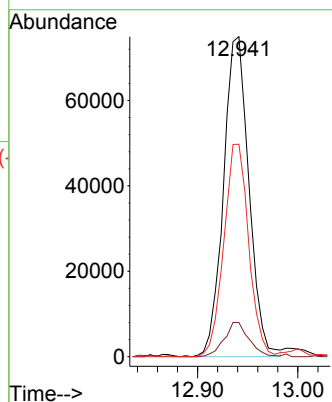
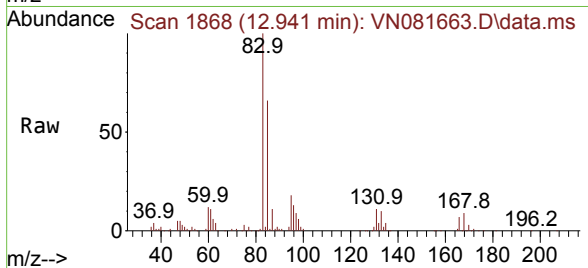
Tgt Ion: 83 Resp: 132202

Ion Ratio Lower Upper

83 100

131 10.4 4.1 12.3

85 64.7 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 28.589 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN081663.D

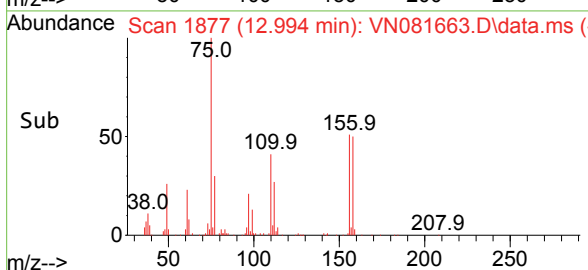
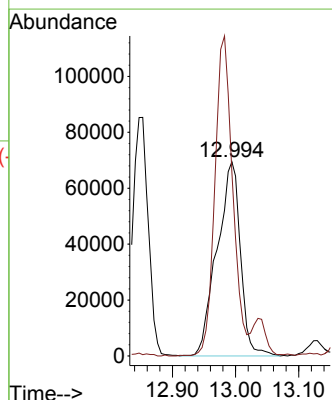
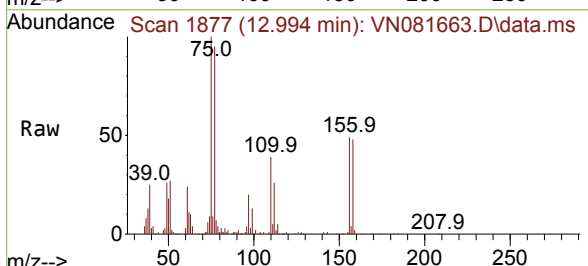
Acq: 03 Apr 2024 17:57

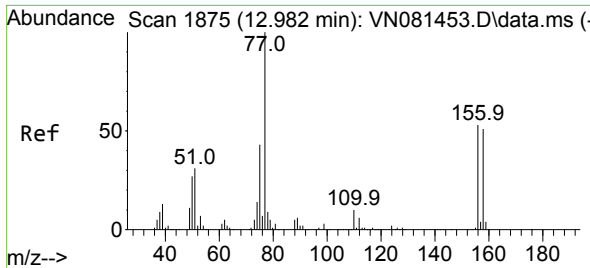
Tgt Ion: 75 Resp: 178782

Ion Ratio Lower Upper

75 100

77 125.2 91.0 272.8

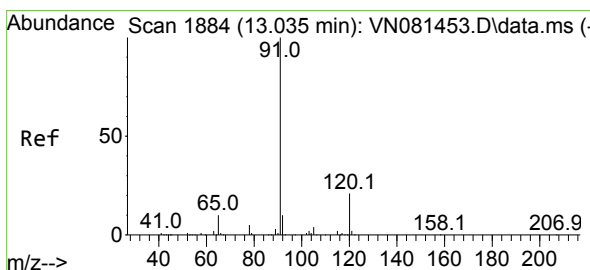
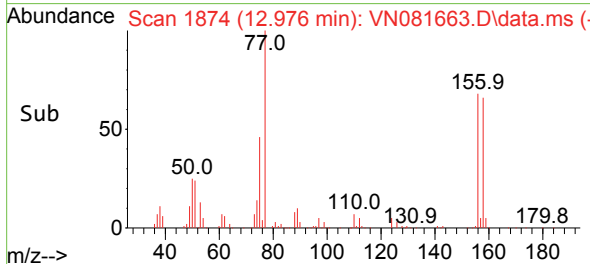
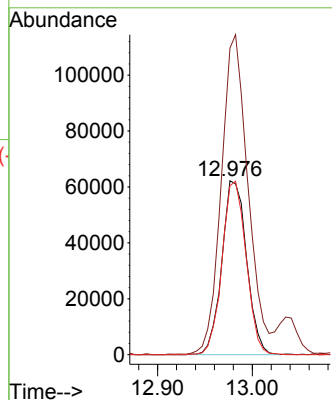
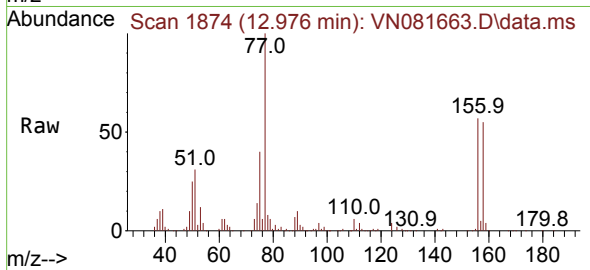




#77
Bromobenzene
Concen: 20.521 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

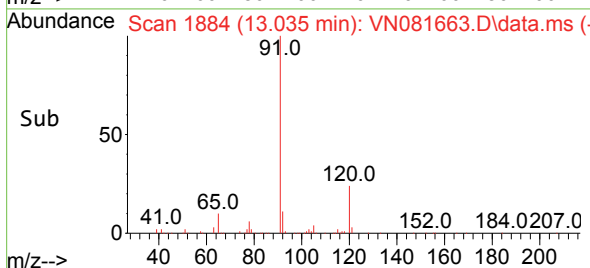
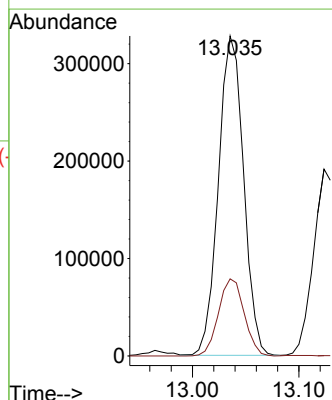
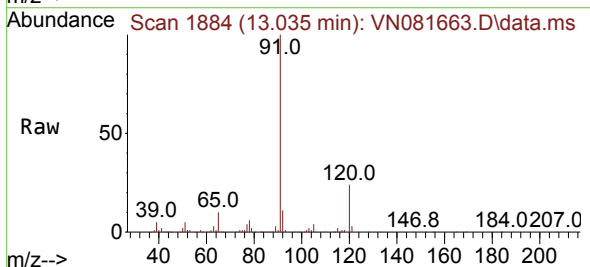
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

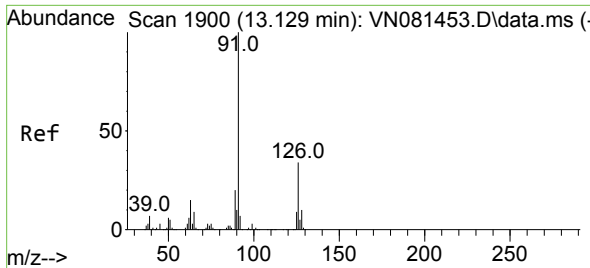
Tgt Ion:156 Resp: 112962
Ion Ratio Lower Upper
156 100
77 198.1 138.1 414.3
158 97.0 46.5 139.5



#78
n-propylbenzene
Concen: 20.433 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 91 Resp: 537723
Ion Ratio Lower Upper
91 100
120 24.6 10.3 30.9

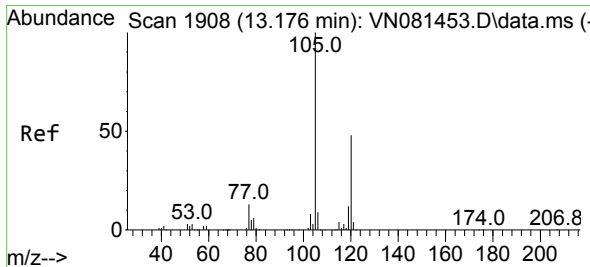
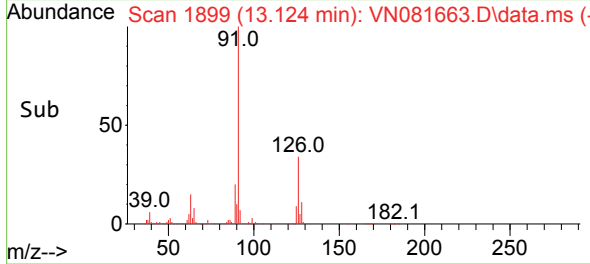
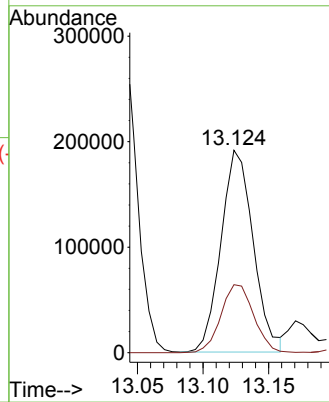
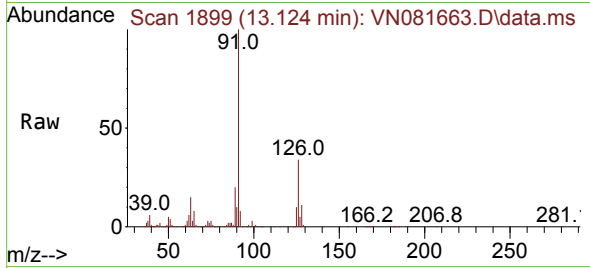




#79
2-Chlorotoluene
Concen: 20.813 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

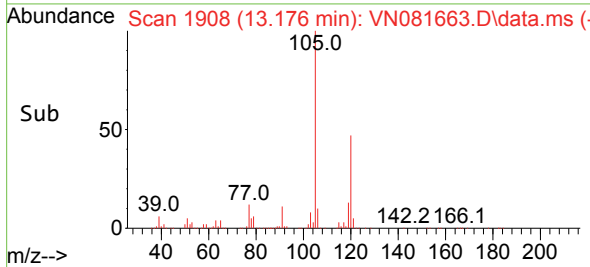
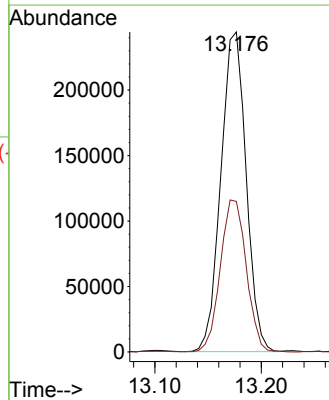
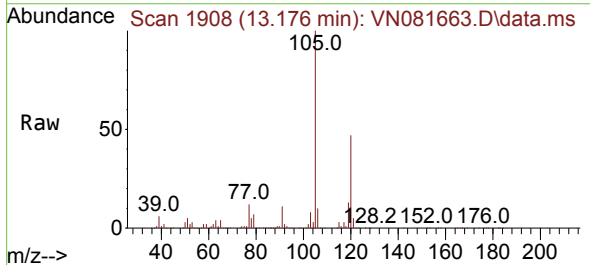
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

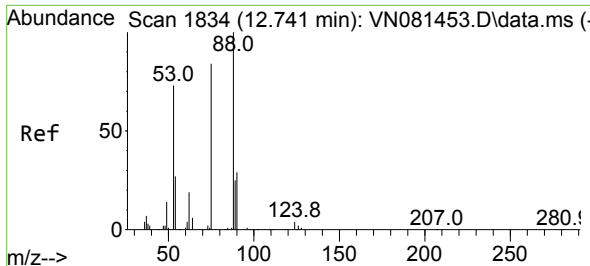
Tgt Ion: 91 Resp: 327825
Ion Ratio Lower Upper
91 100
126 34.4 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 21.864 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion: 105 Resp: 402430
Ion Ratio Lower Upper
105 100
120 49.0 23.0 69.0

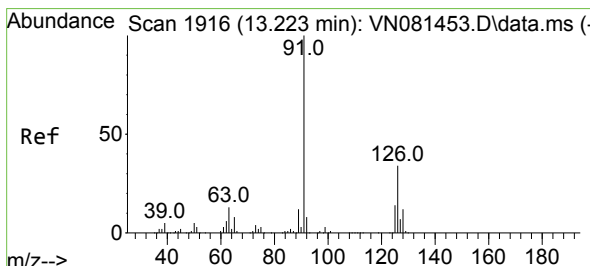
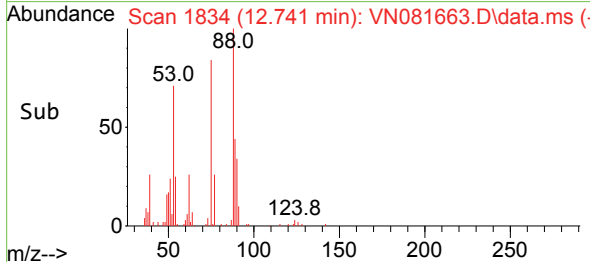
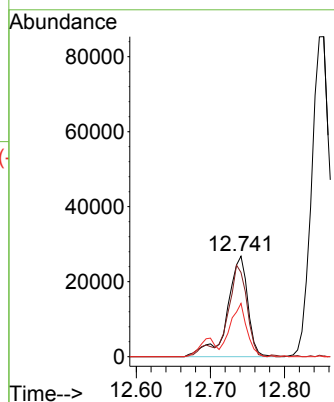
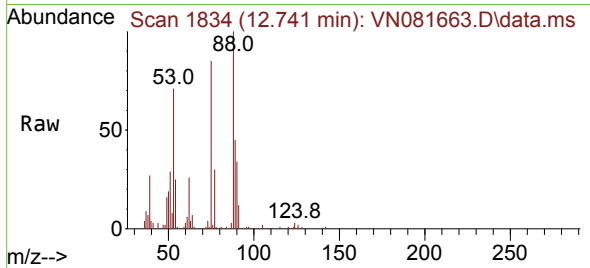




#81
 trans-1,4-Dichloro-2-butene
 Concen: 22.181 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN081663.D
 Acq: 03 Apr 2024 17:57

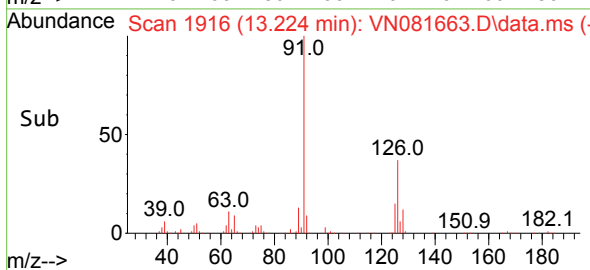
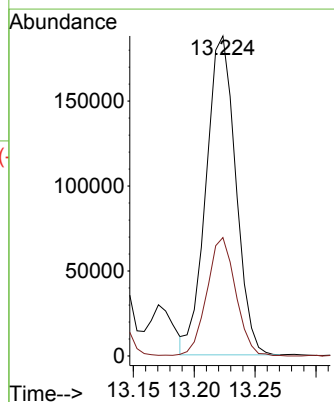
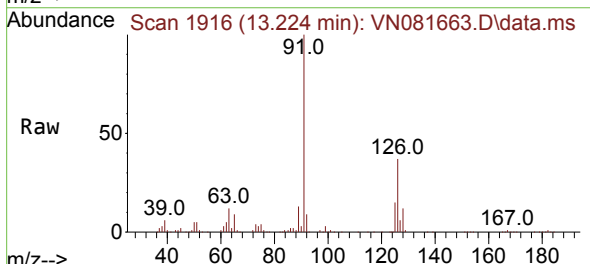
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403MBS01

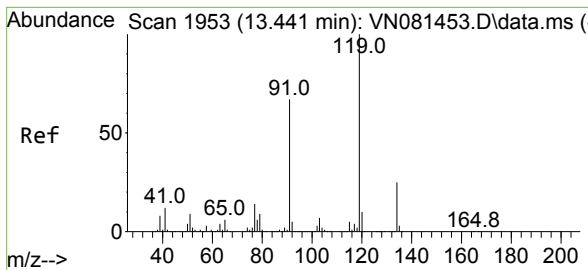
Tgt Ion: 75 Resp: 51328
 Ion Ratio Lower Upper
 75 100
 53 79.3 71.4 107.2
 89 43.4 33.4 50.0



#82
 4-Chlorotoluene
 Concen: 20.423 ug/l
 RT: 13.224 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN081663.D
 Acq: 03 Apr 2024 17:57

Tgt Ion: 91 Resp: 317147
 Ion Ratio Lower Upper
 91 100
 126 36.2 15.3 45.9

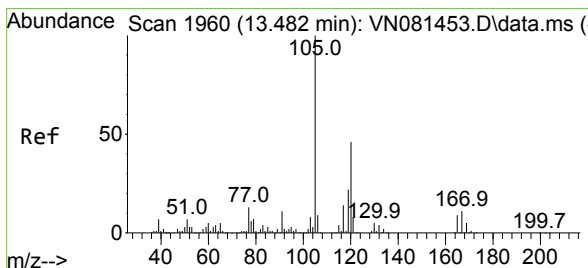
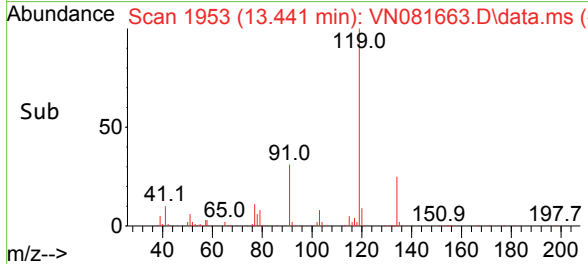
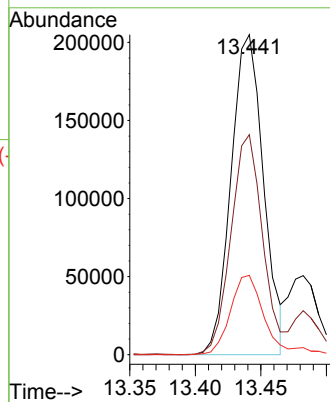
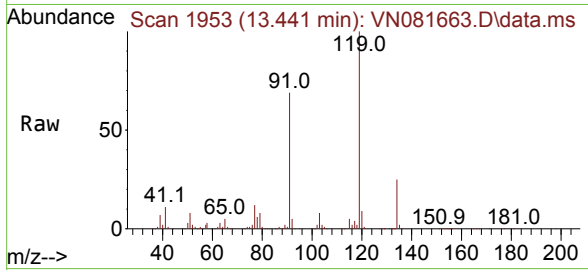




#83
tert-Butylbenzene
Concen: 22.299 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

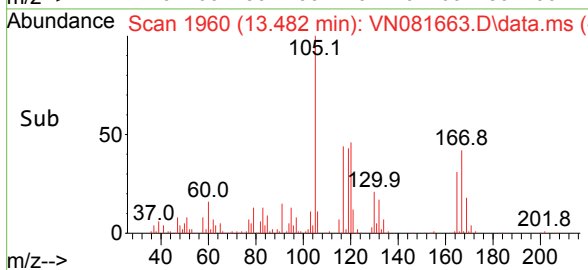
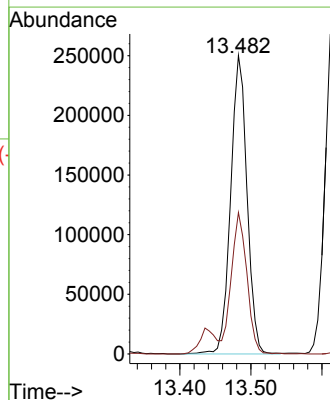
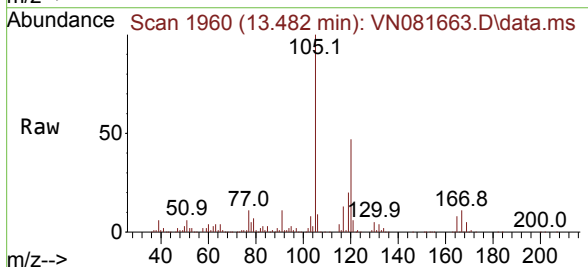
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

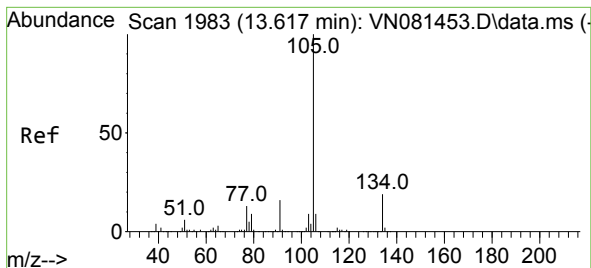
Tgt Ion:119 Resp: 353924
Ion Ratio Lower Upper
119 100
91 67.9 36.8 110.4
134 26.2 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 21.677 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion:105 Resp: 401008
Ion Ratio Lower Upper
105 100
120 45.7 20.9 62.7





#85

sec-Butylbenzene

Concen: 21.468 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081663.D

Acq: 03 Apr 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

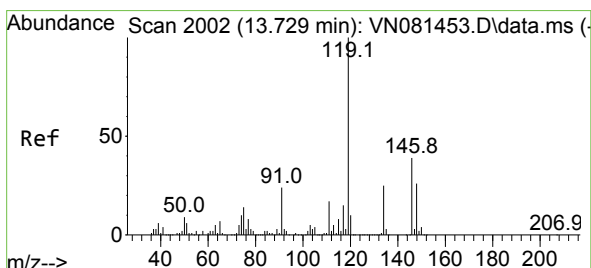
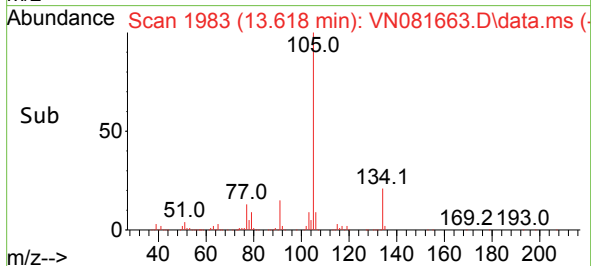
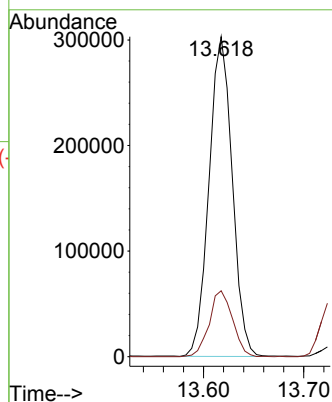
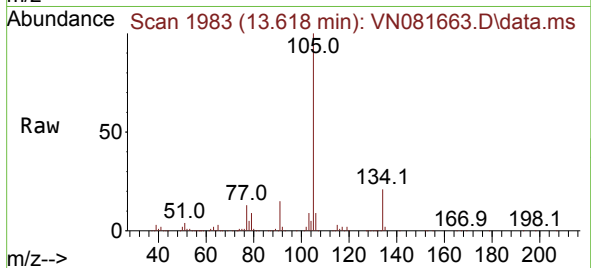
VN0403MBS01

Tgt Ion:105 Resp: 487103

Ion Ratio Lower Upper

105 100

134 20.8 8.6 25.8



#86

p-Isopropyltoluene

Concen: 21.608 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081663.D

Acq: 03 Apr 2024 17:57

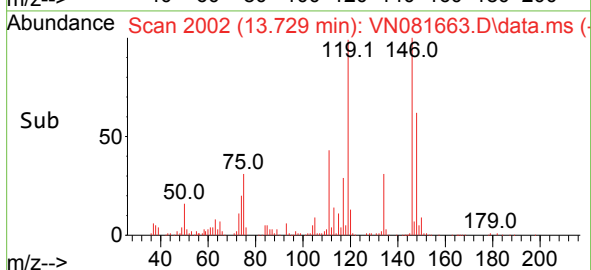
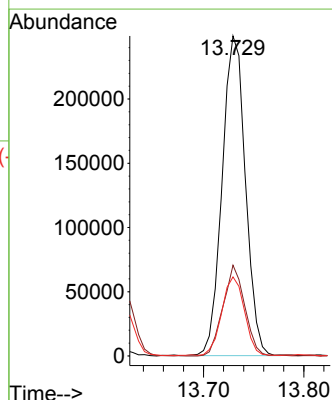
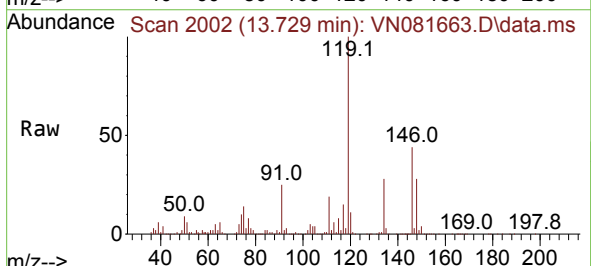
Tgt Ion:119 Resp: 400772

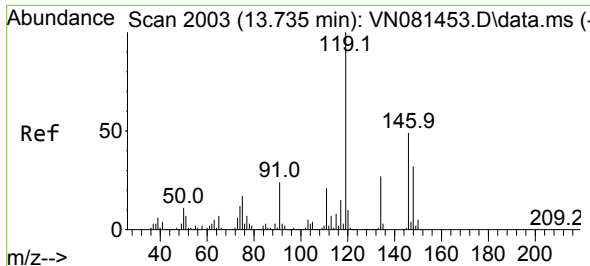
Ion Ratio Lower Upper

119 100

134 26.6 12.4 37.2

91 24.0 13.5 40.4

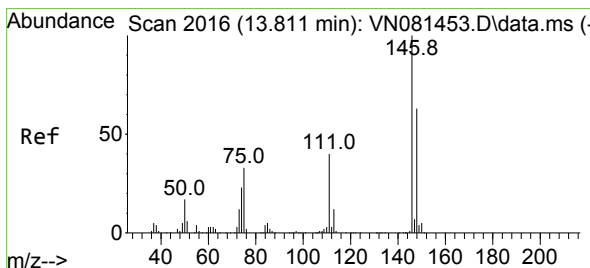
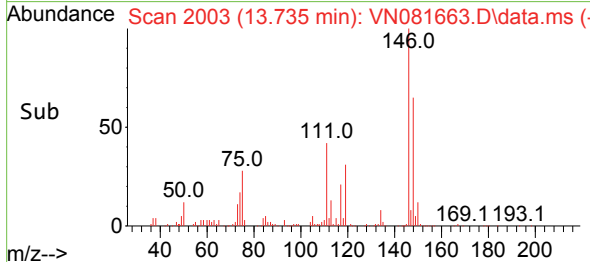
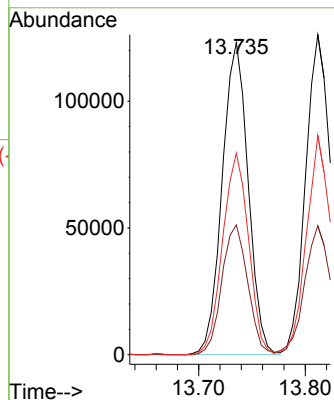
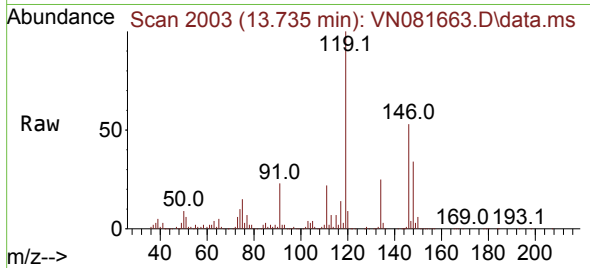




#87
 1,3-Dichlorobenzene
 Concen: 20.621 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081663.D
 Acq: 03 Apr 2024 17:57

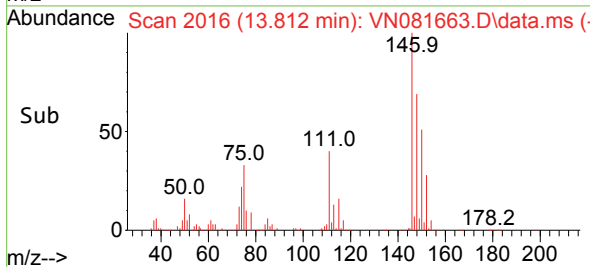
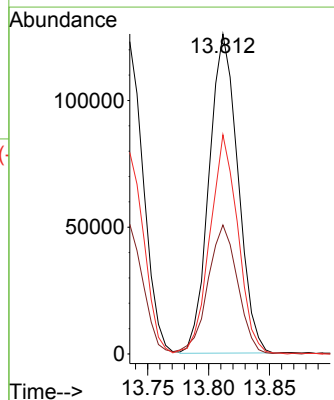
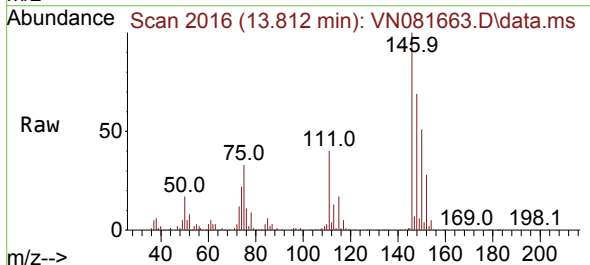
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403MBS01

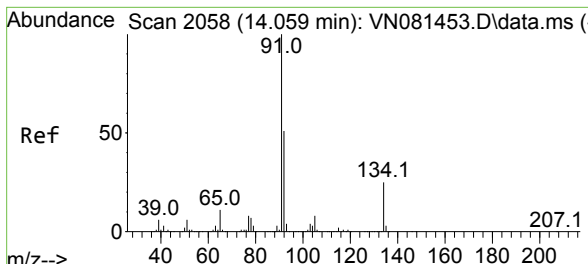
Tgt Ion:146 Resp: 208563
 Ion Ratio Lower Upper
 146 100
 111 41.4 23.9 71.7
 148 64.4 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 19.849 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081663.D
 Acq: 03 Apr 2024 17:57

Tgt Ion:146 Resp: 207868
 Ion Ratio Lower Upper
 146 100
 111 41.4 22.6 67.7
 148 66.6 31.9 95.5

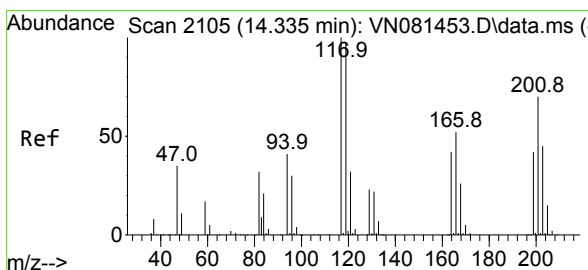
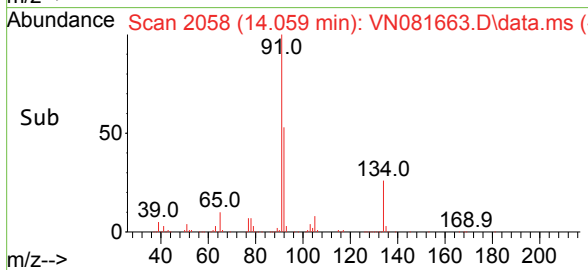
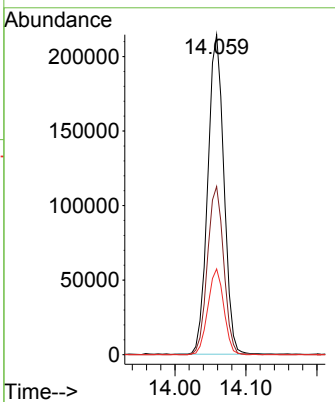
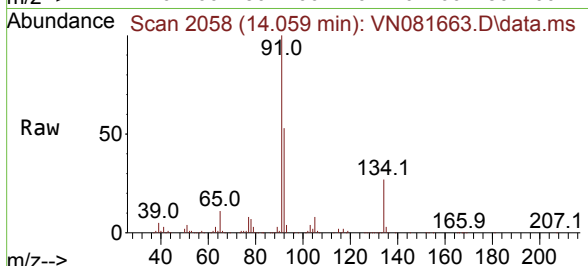




#89
 n-Butylbenzene
 Concen: 20.487 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VN081663.D
 Acq: 03 Apr 2024 17:57

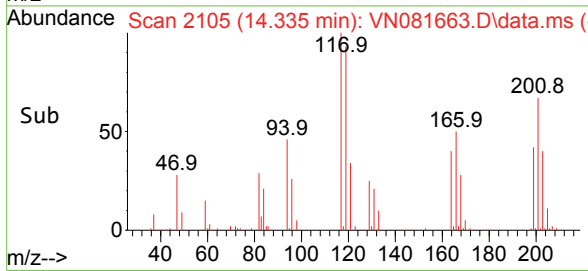
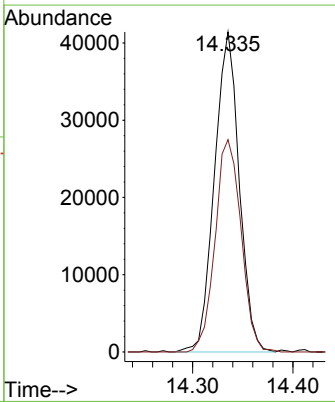
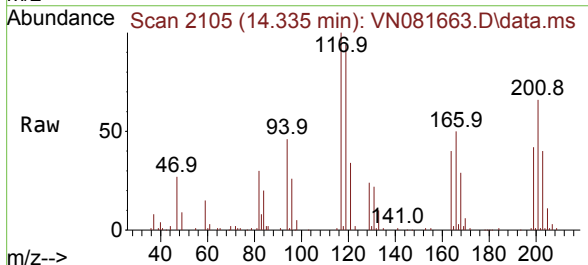
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403MBSD01

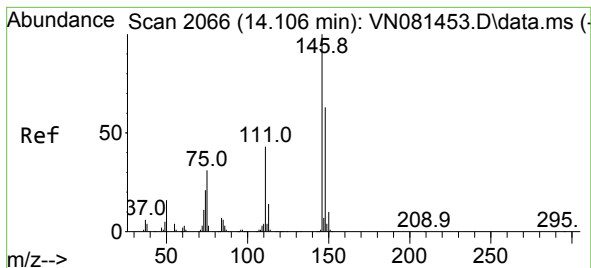
Tgt Ion:	91	Resp:	336945
Ion Ratio	Lower	Upper	
91	100		
92	53.1	26.7	80.1
134	26.5	10.8	32.4



#90
 Hexachloroethane
 Concen: 20.220 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN081663.D
 Acq: 03 Apr 2024 17:57

Tgt Ion:	117	Resp:	71023
Ion Ratio	Lower	Upper	
117	100		
201	69.6	30.0	90.0





#91

1,2-Dichlorobenzene

Concen: 21.328 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081663.D

Acq: 03 Apr 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN0403MBS01

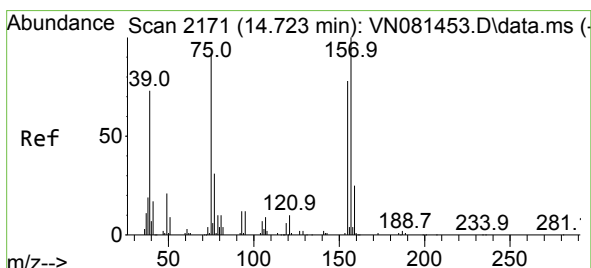
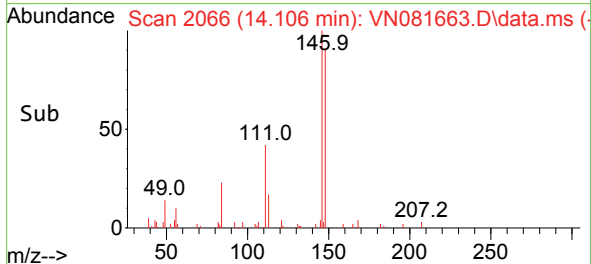
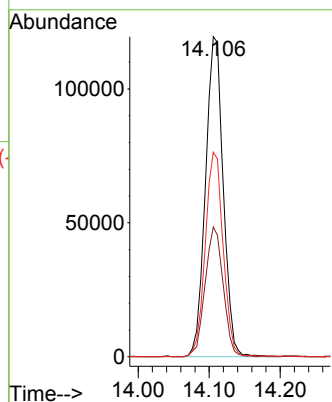
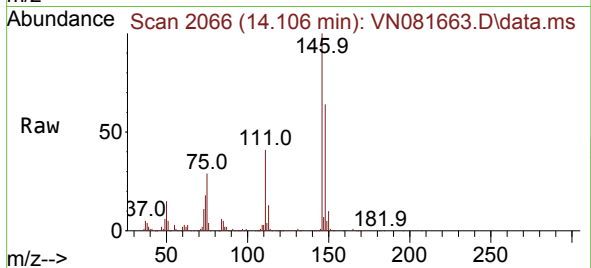
Tgt Ion:146 Resp: 207617

Ion Ratio Lower Upper

146 100

111 41.3 23.9 71.8

148 64.2 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.487 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN081663.D

Acq: 03 Apr 2024 17:57

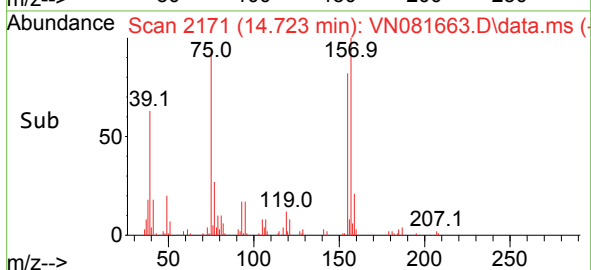
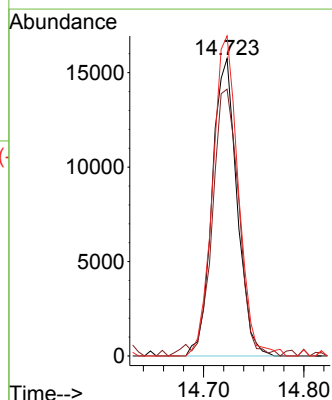
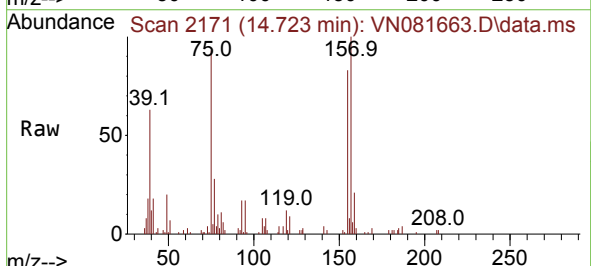
Tgt Ion: 75 Resp: 27172

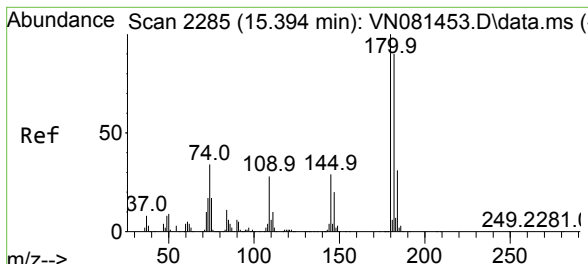
Ion Ratio Lower Upper

75 100

155 95.3 31.8 95.4

157 111.0 41.1 123.4

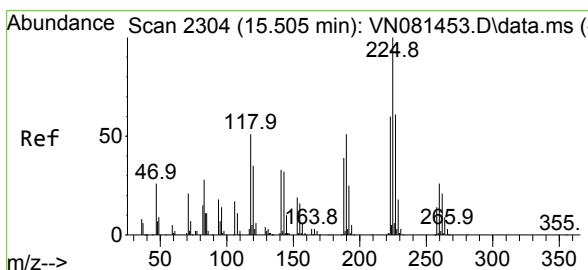
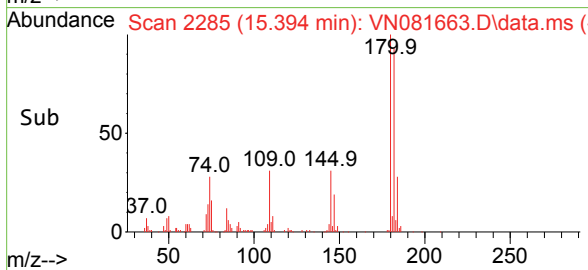
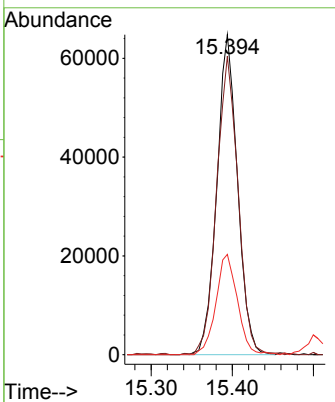
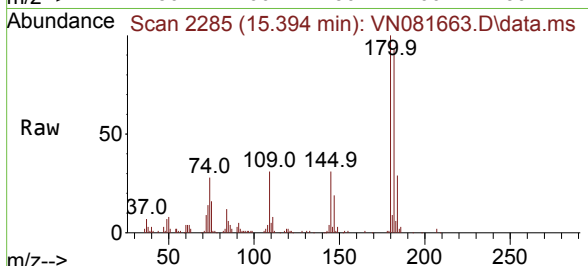




#93
 1,2,4-Trichlorobenzene
 Concen: 20.388 ug/l
 RT: 15.394 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VN081663.D
 Acq: 03 Apr 2024 17:57

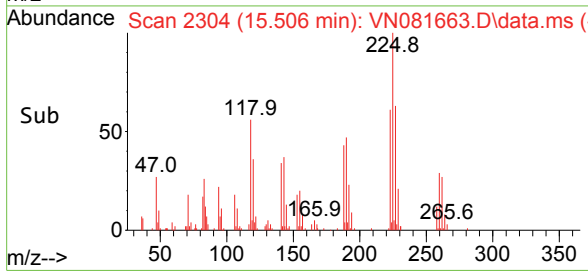
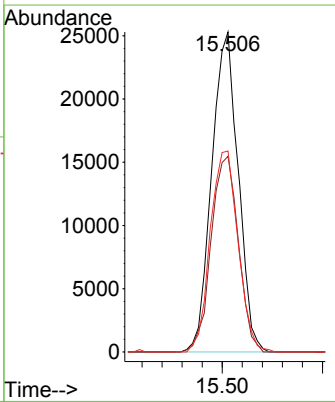
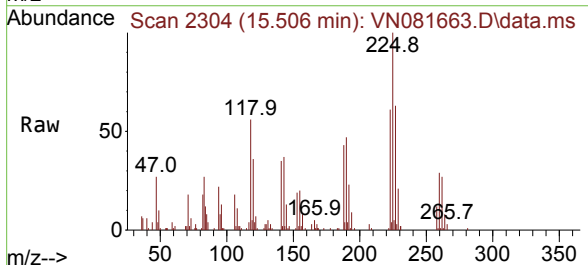
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403MBS01

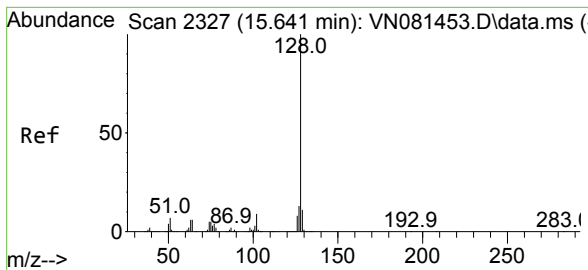
Tgt Ion:	180	Resp:	114755
Ion Ratio	Lower	Upper	
180	100		
182	96.8	46.6	139.7
145	32.6	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 18.758 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN081663.D
 Acq: 03 Apr 2024 17:57

Tgt Ion:	225	Resp:	46326
Ion Ratio	Lower	Upper	
225	100		
223	62.8	33.3	99.8
227	65.7	33.1	99.2

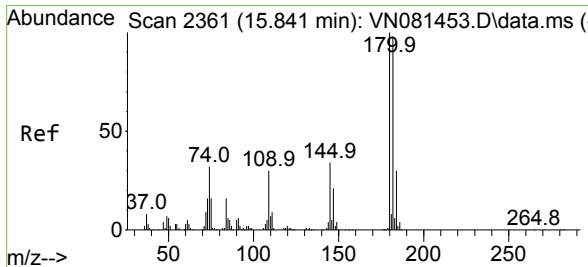
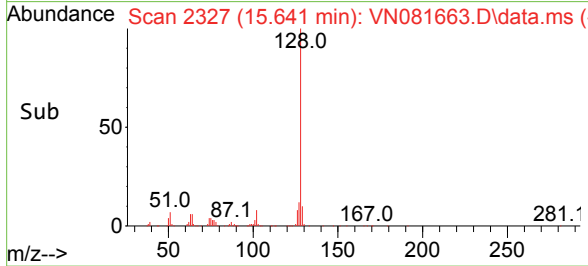
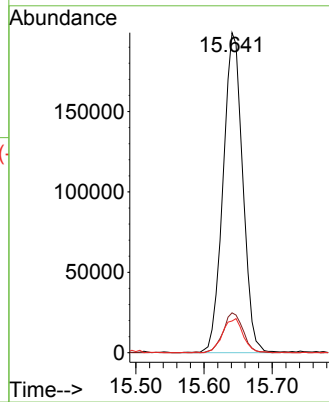
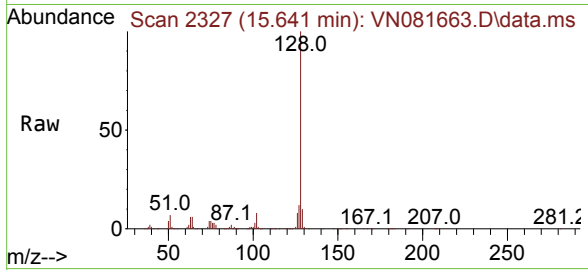




#95
Naphthalene
Concen: 21.875 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

Tgt Ion:128 Resp: 398977
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.344 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081663.D
Acq: 03 Apr 2024 17:57

Tgt Ion:180 Resp: 115182
Ion Ratio Lower Upper
180 100
182 96.0 46.5 139.3
145 35.9 17.8 53.4

