

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
 Data File : VN081670.D
 Acq On : 08 Apr 2024 12:19
 Operator : JC\MD
 Sample : VN0408WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBSD01

Quant Time: Apr 09 01:54:04 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	8.229	168	331906	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	583804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	542480	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	253749	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	224851	53.123	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.240%	
35) Dibromofluoromethane	8.165	113	201130	54.590	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.180%	
50) Toluene-d8	10.570	98	679078	50.987	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	12.847	95	258885	55.164	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 110.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	101969	22.816	ug/l	90
3) Chloromethane	2.359	50	95561	21.476	ug/l	98
4) Vinyl Chloride	2.518	62	91265	18.276	ug/l	90
5) Bromomethane	2.959	94	60510	17.134	ug/l	93
6) Chloroethane	3.118	64	54895	16.011	ug/l	# 88
7) Trichlorofluoromethane	3.500	101	165934	22.296	ug/l	97
8) Diethyl Ether	3.959	74	53705	21.805	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.365	101	95277	22.531	ug/l	# 87
10) Methyl Iodide	4.589	142	97906	23.249	ug/l	92
11) Tert butyl alcohol	5.512	59	72720	98.587	ug/l	100
12) 1,1-Dichloroethene	4.347	96	87557	22.353	ug/l	88
13) Acrolein	4.177	56	44696	67.528	ug/l	97
14) Allyl chloride	5.024	41	106551	21.708	ug/l	# 88
15) Acrylonitrile	5.718	53	201941	102.335	ug/l	97
16) Acetone	4.424	43	128316	93.805	ug/l	97
17) Carbon Disulfide	4.712	76	242772	21.598	ug/l	97
18) Methyl Acetate	5.024	43	82915	19.661	ug/l	# 85
19) Methyl tert-butyl Ether	5.794	73	278769	22.740	ug/l	100
20) Methylene Chloride	5.277	84	97171	21.686	ug/l	# 81
21) trans-1,2-Dichloroethene	5.788	96	94416	21.618	ug/l	86
22) Diisopropyl ether	6.671	45	253977	22.270	ug/l	# 90
23) Vinyl Acetate	6.600	43	1013995	111.701	ug/l	# 90
24) 1,1-Dichloroethane	6.571	63	160314	20.988	ug/l	95
25) 2-Butanone	7.482	43	233355	99.459	ug/l	# 88
26) 2,2-Dichloropropane	7.488	77	151356	22.846	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	114138	23.098	ug/l	83
28) Bromochloromethane	7.818	49	64436	20.711	ug/l	# 44
29) Tetrahydrofuran	7.841	42	158553	100.313	ug/l	# 74
30) Chloroform	7.965	83	183581	22.450	ug/l	99
31) Cyclohexane	8.259	56	144425	20.968	ug/l	# 69
32) 1,1,1-Trichloroethane	8.171	97	165974	22.372	ug/l	93
36) 1,1-Dichloropropene	8.371	75	122017	19.679	ug/l	94
37) Ethyl Acetate	7.559	43	103236	19.444	ug/l	# 94
38) Carbon Tetrachloride	8.365	117	147494	21.715	ug/l	97
39) Methylcyclohexane	9.606	83	153613	22.185	ug/l	# 80
40) Benzene	8.606	78	394834	21.781	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	57218	20.378	ug/l	90
42) 1,2-Dichloroethane	8.671	62	131608	20.630	ug/l	96
43) Isopropyl Acetate	8.688	43	175891	19.986	ug/l #	90
44) Trichloroethene	9.353	130	103631	20.326	ug/l	88
45) 1,2-Dichloropropane	9.624	63	88508	20.146	ug/l	97
46) Dibromomethane	9.706	93	75012	22.484	ug/l #	89
47) Bromodichloromethane	9.888	83	148244	22.726	ug/l #	97
48) Methyl methacrylate	9.682	41	79506	19.586	ug/l #	82
49) 1,4-Dioxane	9.694	88	38784	397.573	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	537515	100.091	ug/l	91
52) Toluene	10.629	92	252586	21.923	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	147188	20.897	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	156294	20.696	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	96947	20.908	ug/l	95
56) Ethyl methacrylate	10.876	69	137546	21.484	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	160931	21.172	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	286878	98.327	ug/l #	81
59) 2-Hexanone	11.200	43	390668	98.394	ug/l	89
60) Dibromochloromethane	11.359	129	118256	23.190	ug/l	97
61) 1,2-Dibromoethane	11.470	107	100937	21.352	ug/l	98
64) Tetrachloroethene	11.106	164	111512	21.505	ug/l	93
65) Chlorobenzene	11.894	112	287920	22.451	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	98785	20.784	ug/l	96
67) Ethyl Benzene	11.965	91	467470	20.985	ug/l	95
68) m/p-Xylenes	12.070	106	373531	44.728	ug/l	92
69) o-Xylene	12.400	106	177781	21.685	ug/l	92
70) Styrene	12.412	104	296458	22.420	ug/l	95
71) Bromoform	12.582	173	77417	21.675	ug/l #	99
73) Isopropylbenzene	12.700	105	456667	21.113	ug/l	97
74) N-amyl acetate	12.494	43	151802	19.393	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	119191	18.742	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	170583	28.104	ug/l	67
77) Bromobenzene	12.982	156	112322	21.022	ug/l	70
78) n-propylbenzene	13.035	91	539332	21.114	ug/l	92
79) 2-Chlorotoluene	13.123	91	320455	20.961	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	389351	21.794	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	52303	23.286	ug/l	95
82) 4-Chlorotoluene	13.223	91	323888	21.488	ug/l	93
83) tert-Butylbenzene	13.441	119	328481	21.322	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	383276	21.346	ug/l	90
85) sec-Butylbenzene	13.617	105	464737	21.102	ug/l	92
86) p-Isopropyltoluene	13.729	119	398721	22.148	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	215317	21.933	ug/l	91
88) 1,4-Dichlorobenzene	13.811	146	211754	20.832	ug/l	96
89) n-Butylbenzene	14.059	91	328804	20.597	ug/l	97
90) Hexachloroethane	14.335	117	76264	22.369	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	206117	21.814	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25868	19.113	ug/l	75
93) 1,2,4-Trichlorobenzene	15.394	180	109779	20.094	ug/l	97
94) Hexachlorobutadiene	15.505	225	43887	18.308	ug/l	97
95) Naphthalene	15.641	128	354827	20.043	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	111597	20.307	ug/l	99

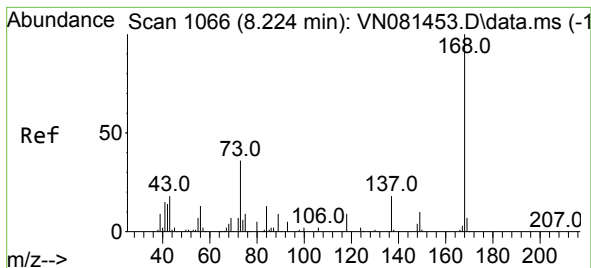
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
Data File : VN081670.D
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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN081670.D

Acq: 08 Apr 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

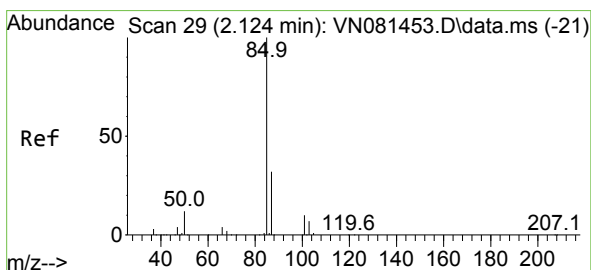
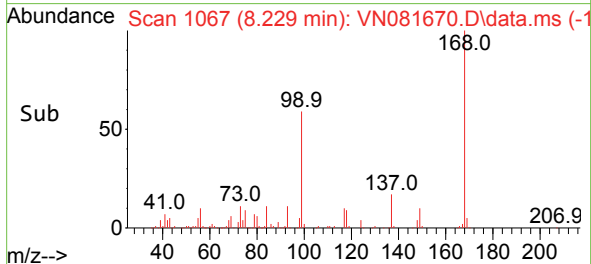
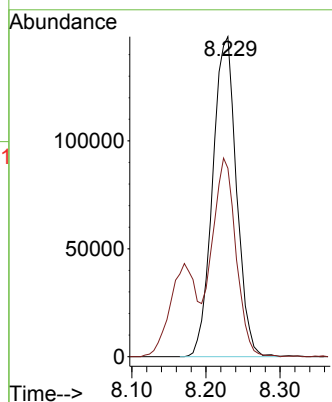
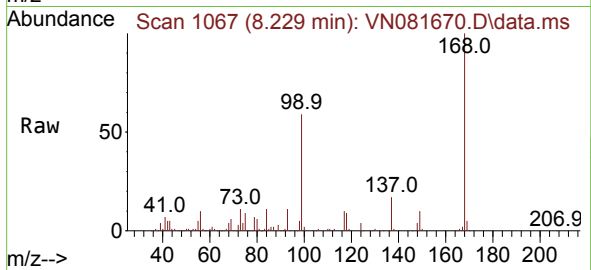
VN0408WBSD01

Tgt Ion:168 Resp: 331906

Ion Ratio Lower Upper

168 100

99 58.9 59.9 89.9#



#2

Dichlorodifluoromethane

Concen: 22.816 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081670.D

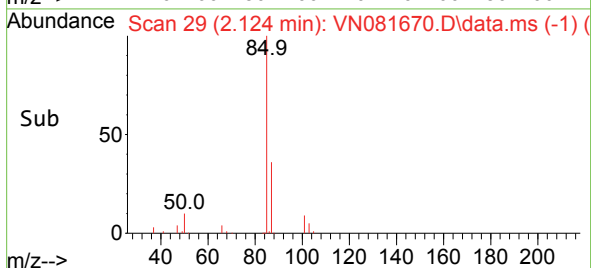
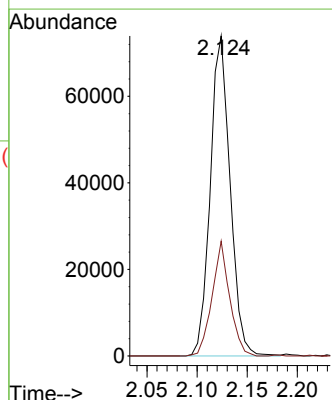
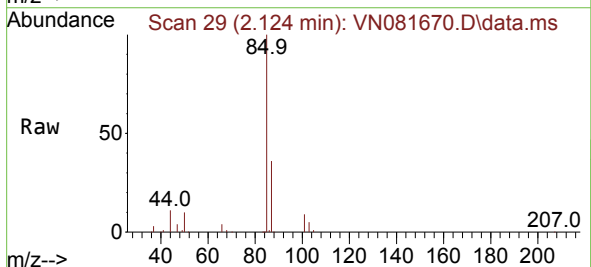
Acq: 08 Apr 2024 12:19

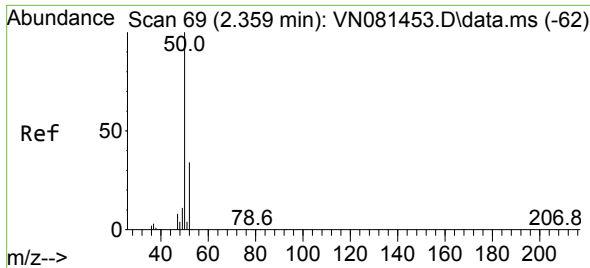
Tgt Ion: 85 Resp: 101969

Ion Ratio Lower Upper

85 100

87 35.9 15.3 45.9

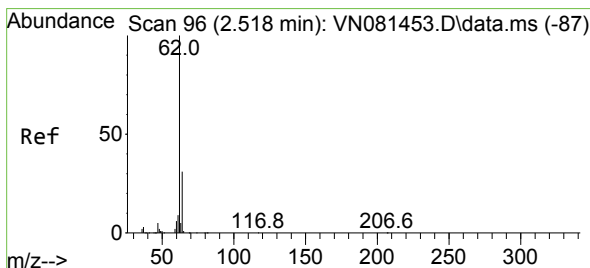
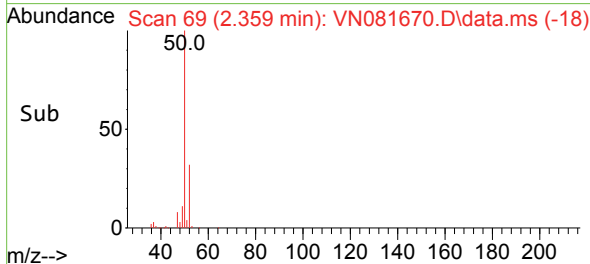
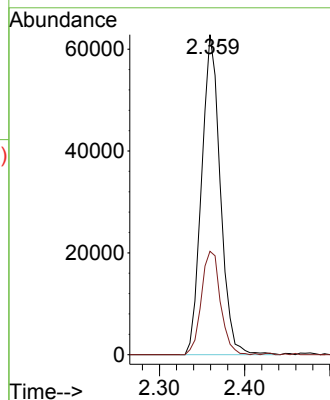
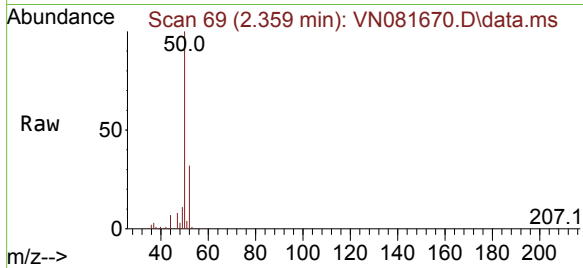




#3
Chloromethane
Concen: 21.476 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

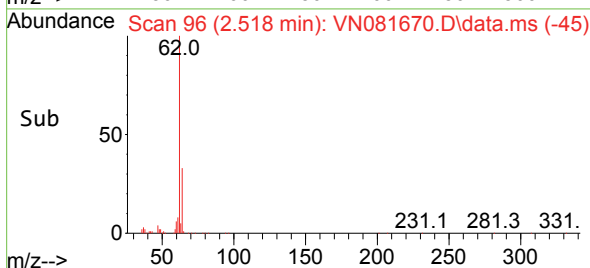
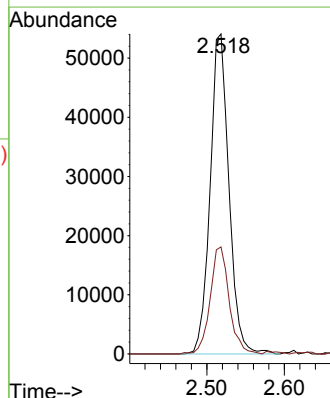
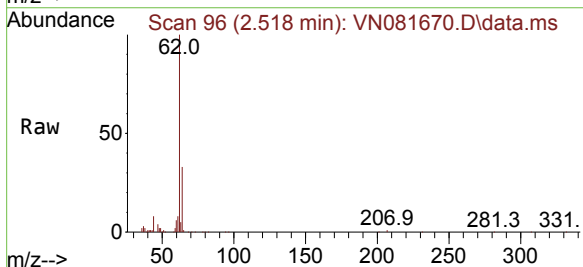
Instrument :
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ClientSampleId :
VN0408WBSD01

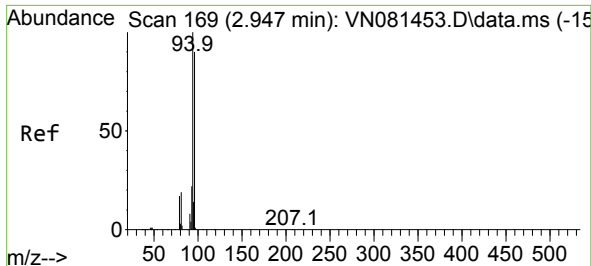
Tgt Ion: 50 Resp: 95561
Ion Ratio Lower Upper
50 100
52 32.3 25.0 37.4



#4
Vinyl Chloride
Concen: 18.276 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 62 Resp: 91265
Ion Ratio Lower Upper
62 100
64 33.5 22.7 34.1

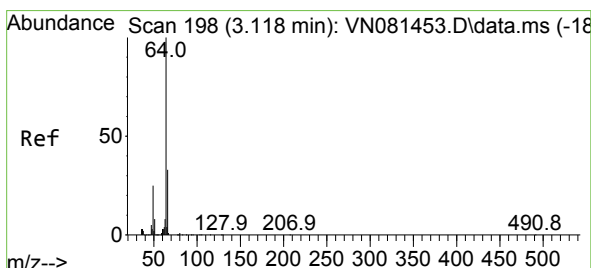
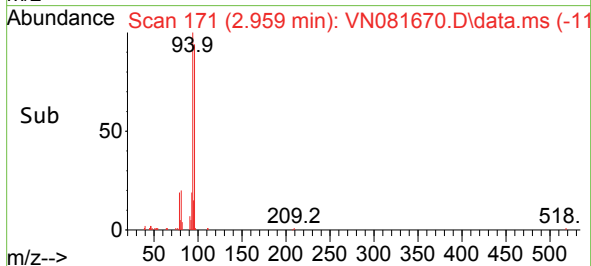
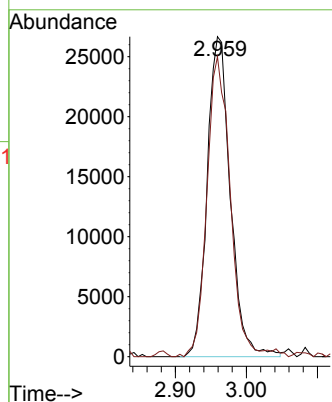
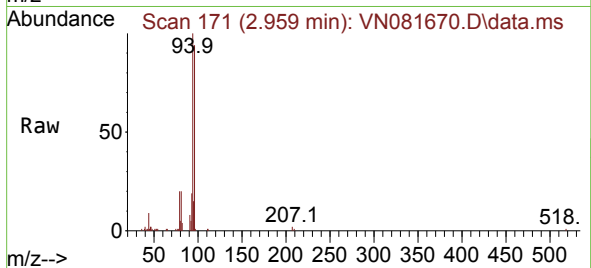




#5
Bromomethane
Concen: 17.134 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.012 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

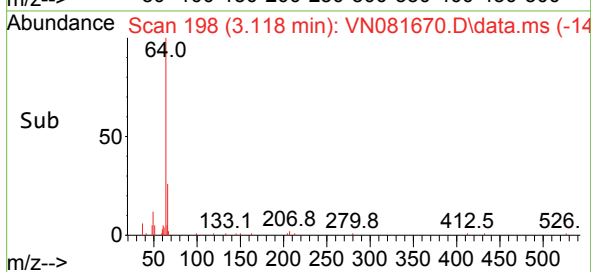
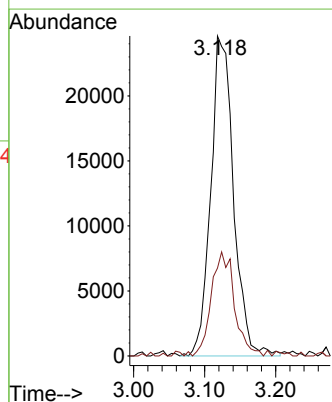
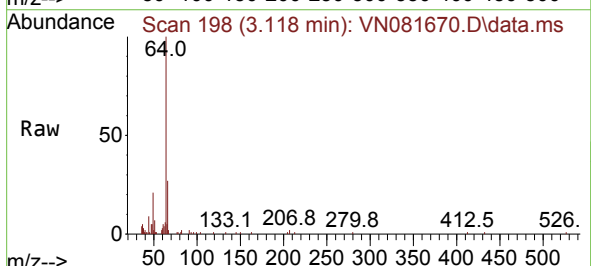
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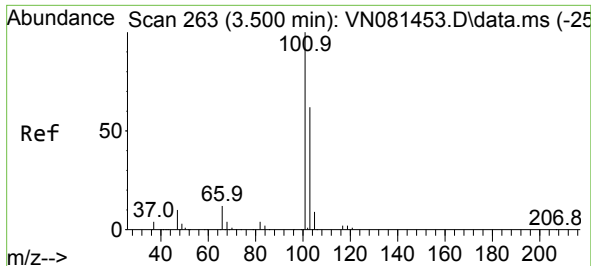
Tgt Ion: 94 Resp: 60510
Ion Ratio Lower Upper
94 100
96 93.0 69.2 103.8



#6
Chloroethane
Concen: 16.011 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 64 Resp: 54895
Ion Ratio Lower Upper
64 100
66 26.4 26.4 39.6#

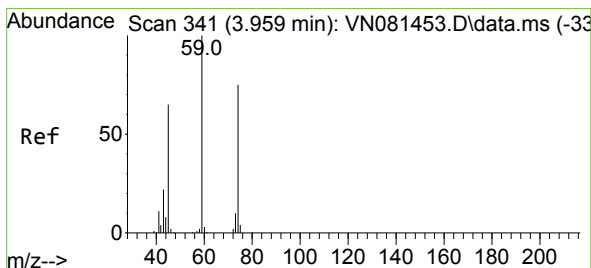
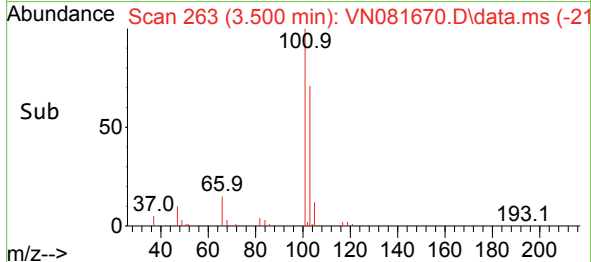
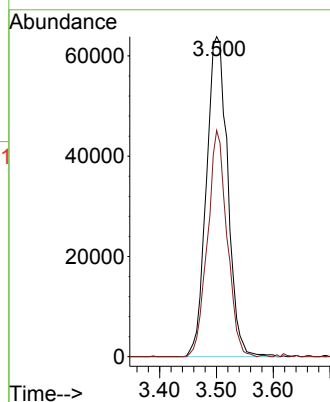
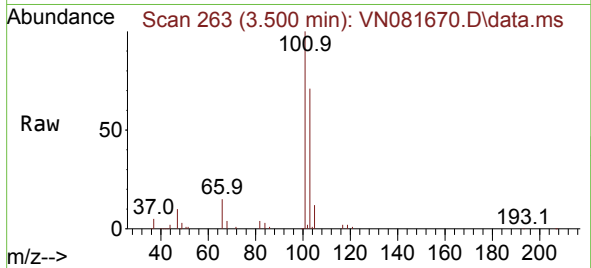




#7
Trichlorofluoromethane
Concen: 22.296 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

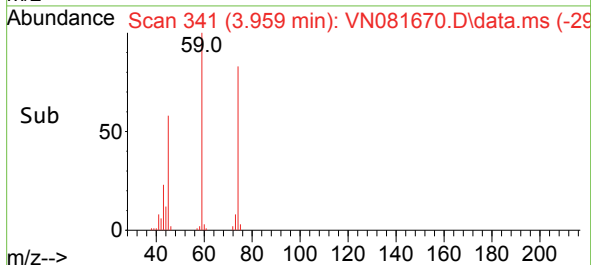
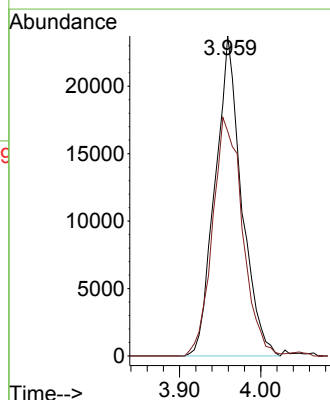
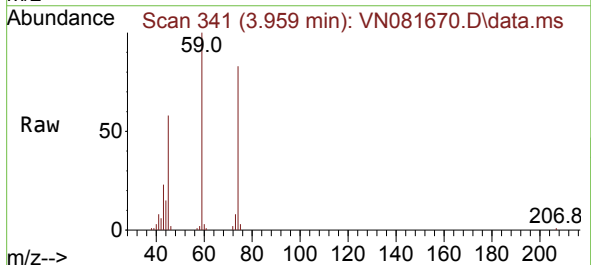
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MSVOA_N
ClientSampleId :
VN0408WBSD01

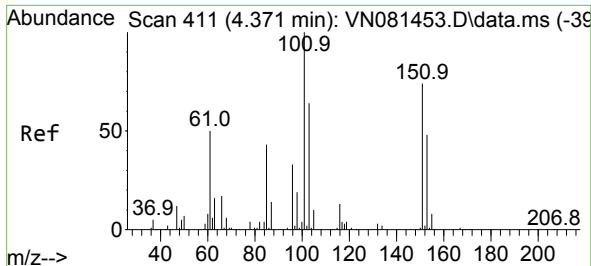
Tgt Ion:101 Resp: 165934
Ion Ratio Lower Upper
101 100
103 70.7 54.4 81.6



#8
Diethyl Ether
Concen: 21.805 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 74 Resp: 53705
Ion Ratio Lower Upper
74 100
45 84.4 53.3 159.9

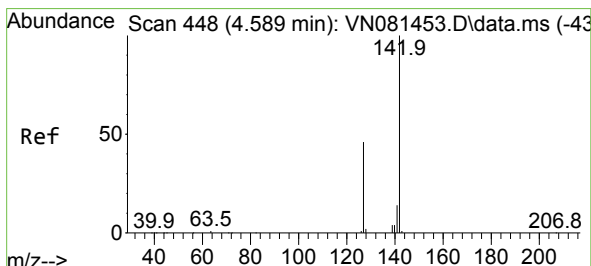
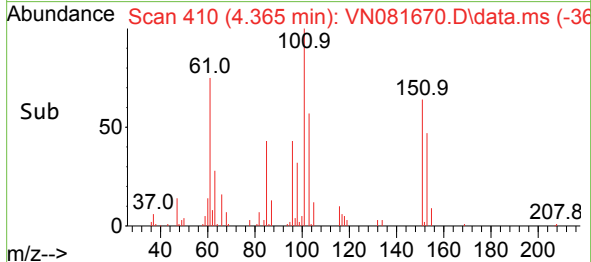
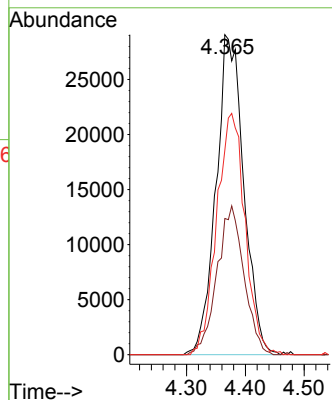
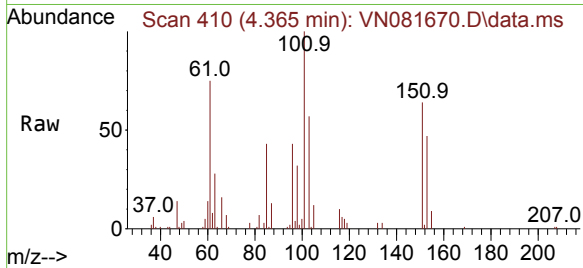




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.531 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

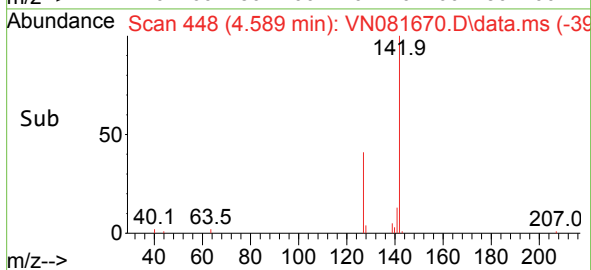
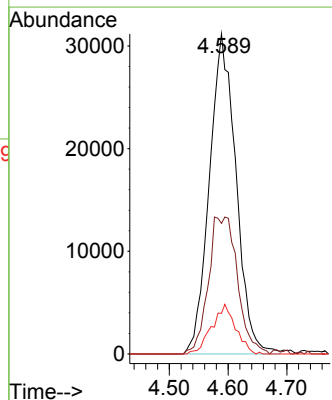
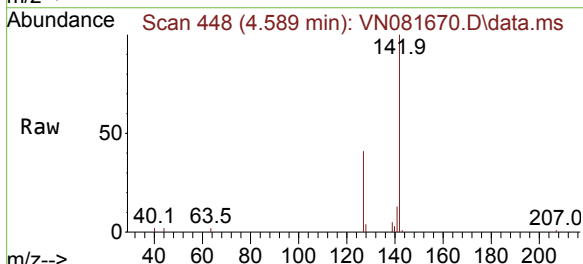
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

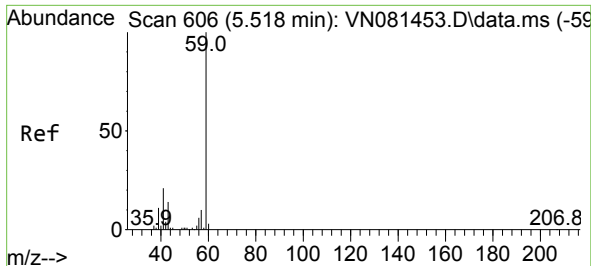
Tgt Ion:101 Resp: 95277
Ion Ratio Lower Upper
101 100
85 45.3 38.1 57.1
151 76.9 49.1 73.7#



#10
Methyl Iodide
Concen: 23.249 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion:142 Resp: 97906
Ion Ratio Lower Upper
142 100
127 40.8 37.0 55.4
141 12.7 12.5 18.7

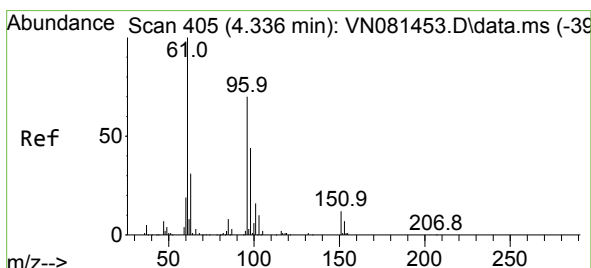
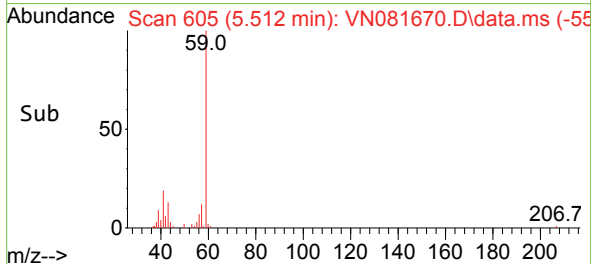
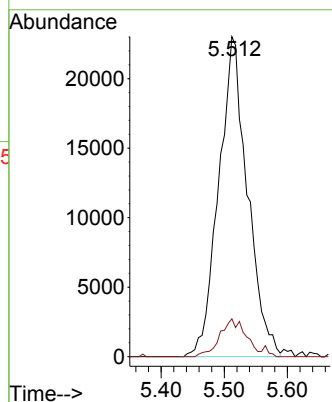
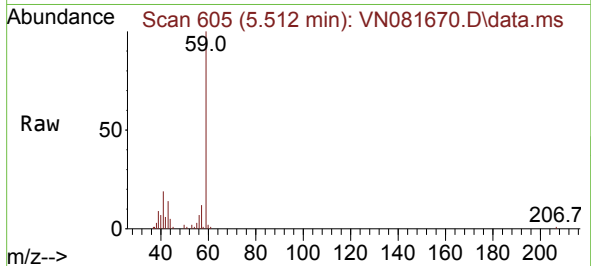




#11
Tert butyl alcohol
Concen: 98.587 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

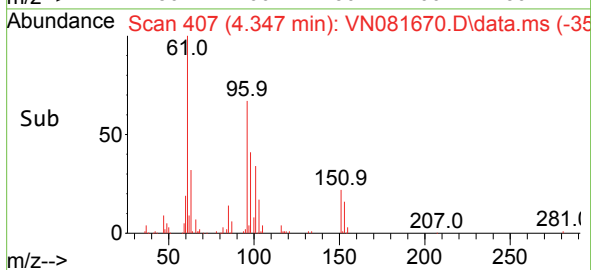
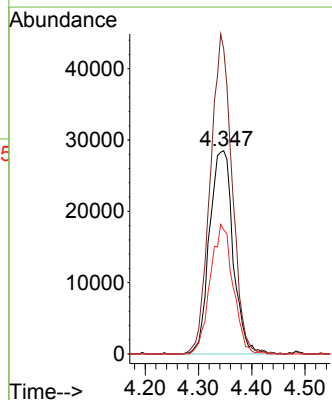
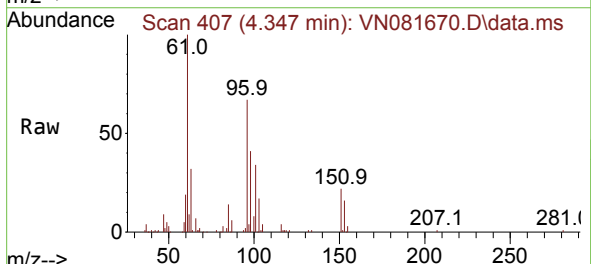
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

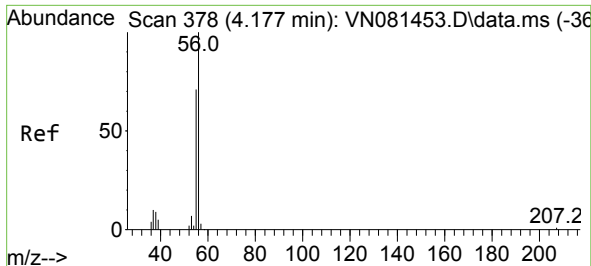
Tgt Ion: 59 Resp: 72720
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 22.353 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 96 Resp: 87557
Ion Ratio Lower Upper
96 100
61 150.0 138.2 207.4
98 61.1 49.2 73.8

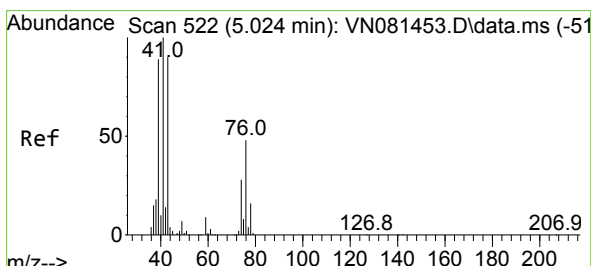
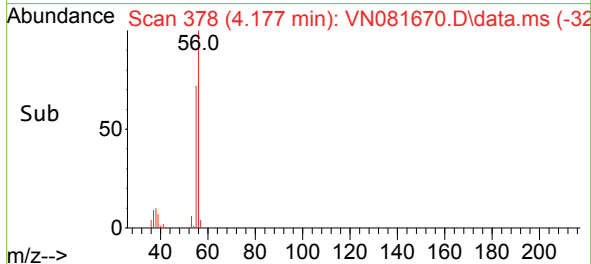
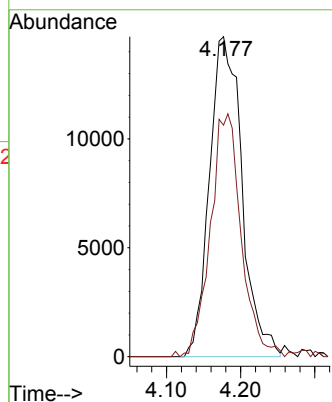
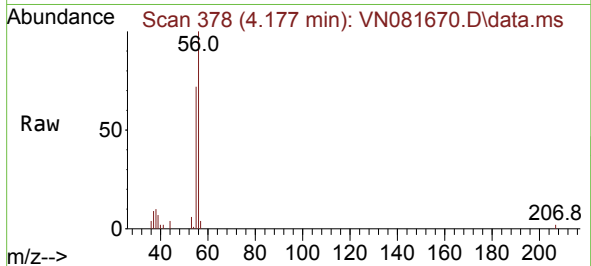




#13
Acrolein
Concen: 67.528 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

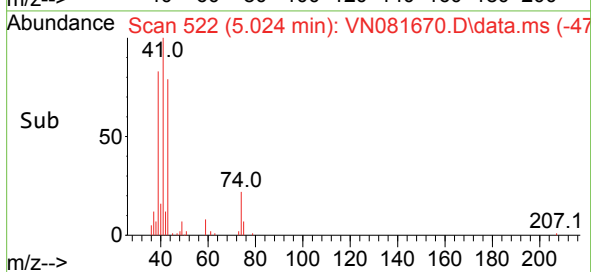
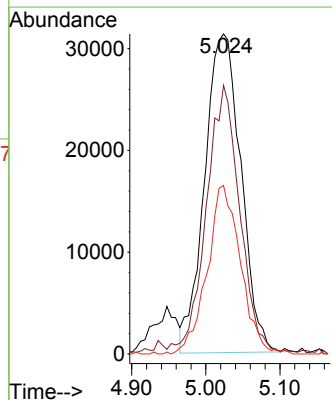
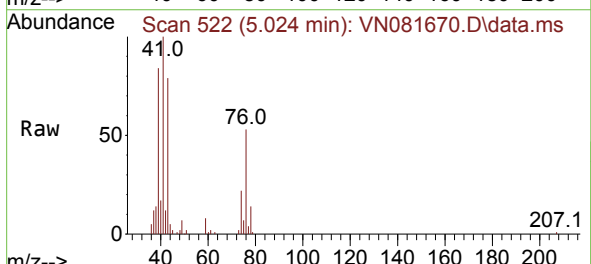
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

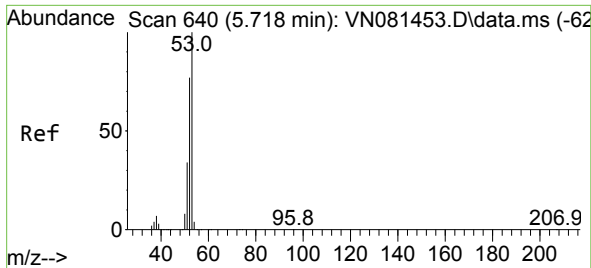
Tgt Ion: 56 Resp: 44696
Ion Ratio Lower Upper
56 100
55 71.8 55.3 82.9



#14
Allyl chloride
Concen: 21.708 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 41 Resp: 106551
Ion Ratio Lower Upper
41 100
39 77.0 57.7 86.5
76 48.7 26.8 40.2#

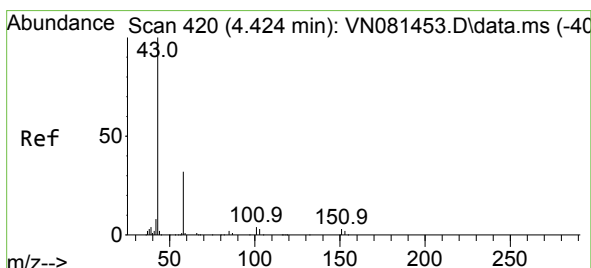
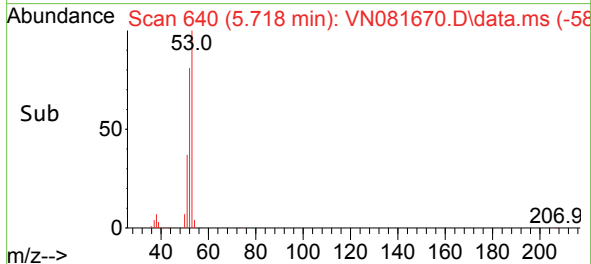
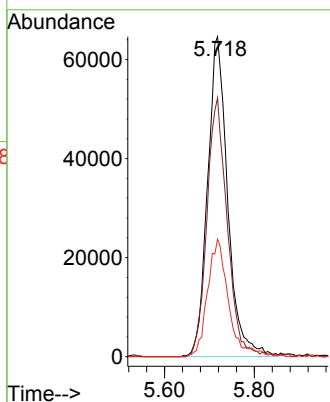
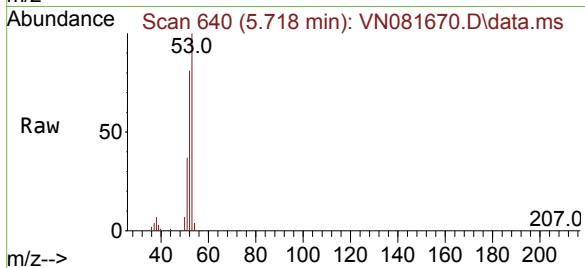




#15
Acrylonitrile
Concen: 102.335 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

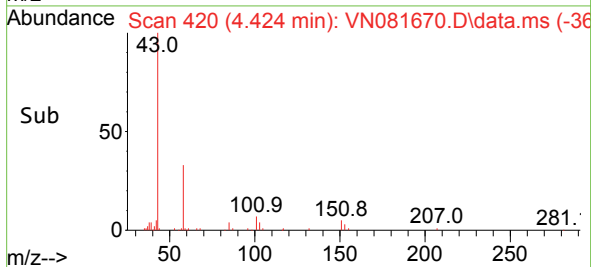
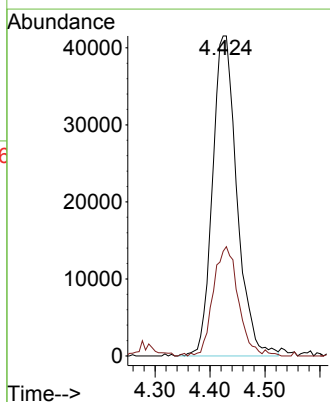
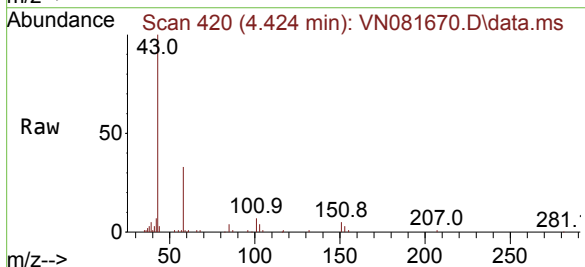
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

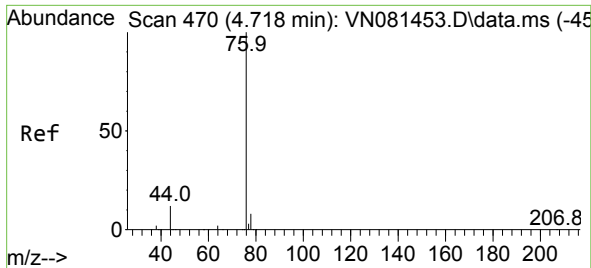
Tgt Ion: 53 Resp: 201941
Ion Ratio Lower Upper
53 100
52 81.4 64.8 97.2
51 38.0 26.9 40.3



#16
Acetone
Concen: 93.805 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 43 Resp: 128316
Ion Ratio Lower Upper
43 100
58 32.7 24.8 37.2

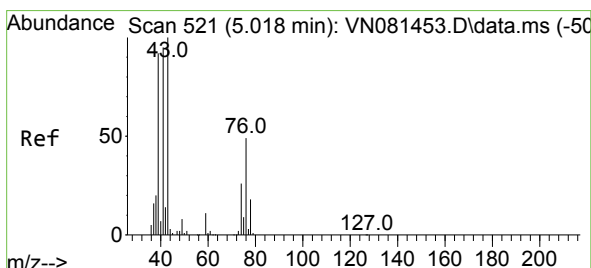
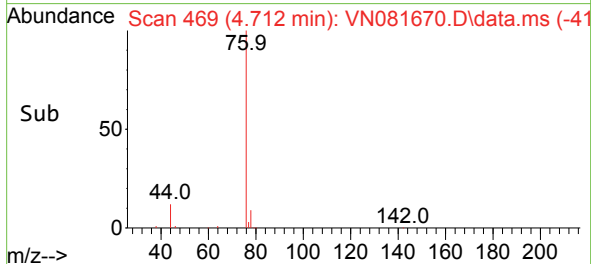
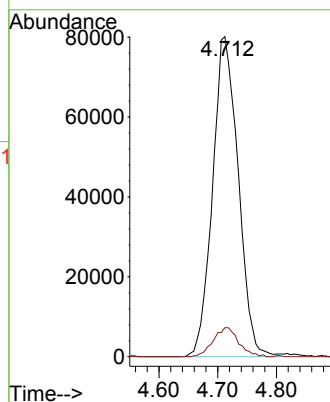
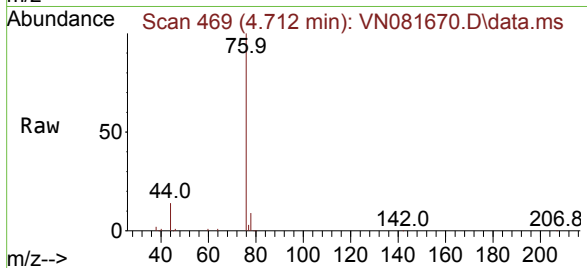




#17
Carbon Disulfide
Concen: 21.598 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

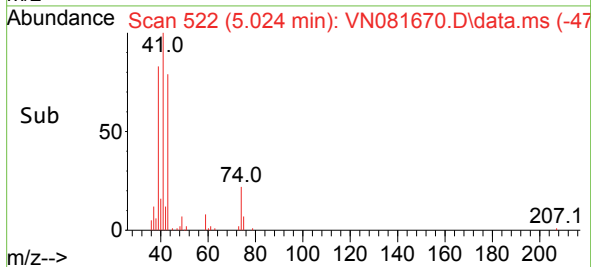
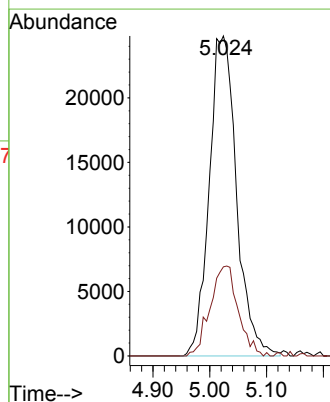
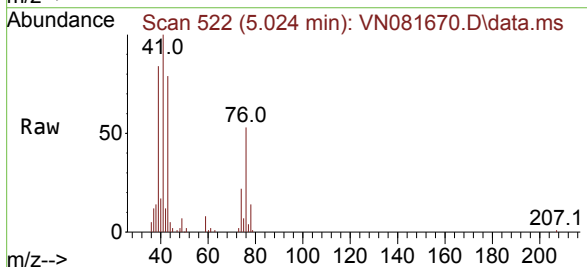
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

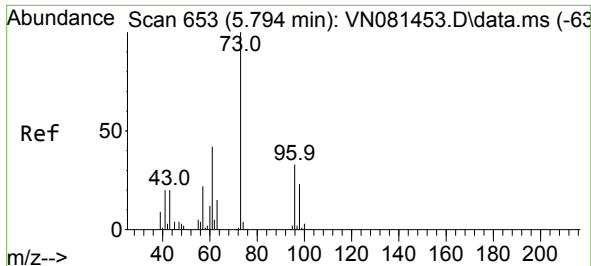
Tgt Ion: 76 Resp: 242772
Ion Ratio Lower Upper
76 100
78 9.0 6.3 9.5



#18
Methyl Acetate
Concen: 19.661 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 43 Resp: 82915
Ion Ratio Lower Upper
43 100
74 28.8 17.3 25.9#

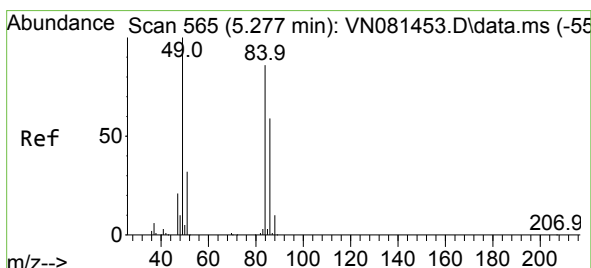
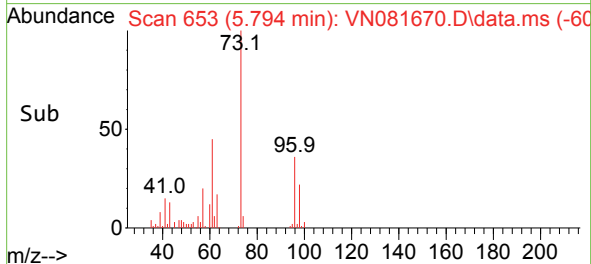
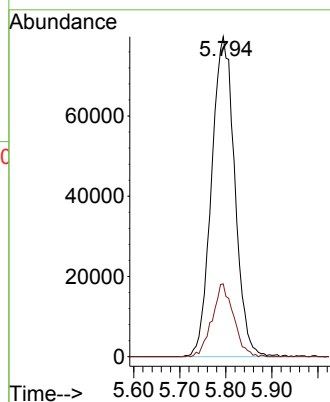
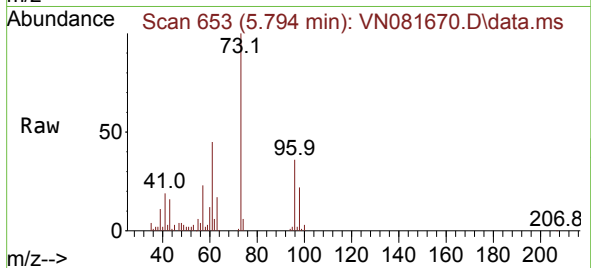




#19
Methyl tert-butyl Ether
Concen: 22.740 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

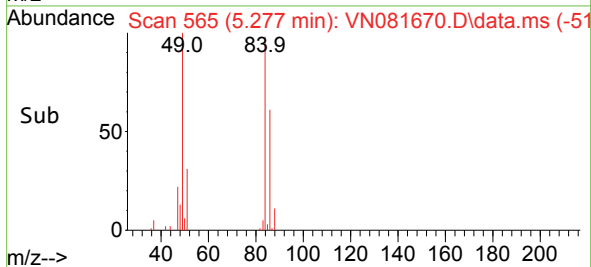
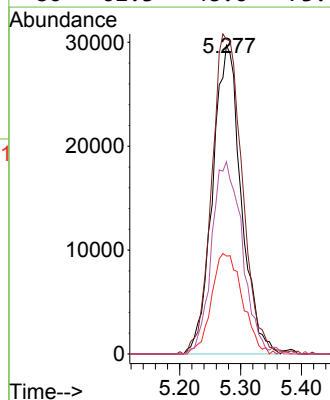
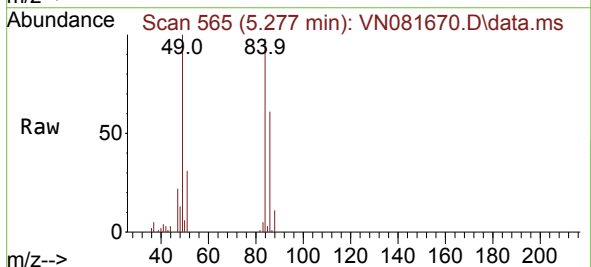
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

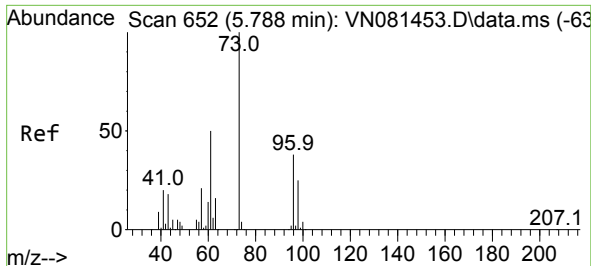
Tgt Ion: 73 Resp: 278769
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 21.686 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 84 Resp: 97171
Ion Ratio Lower Upper
84 100
49 101.1 108.1 162.1#
51 31.7 32.9 49.3#
86 62.3 48.6 73.0

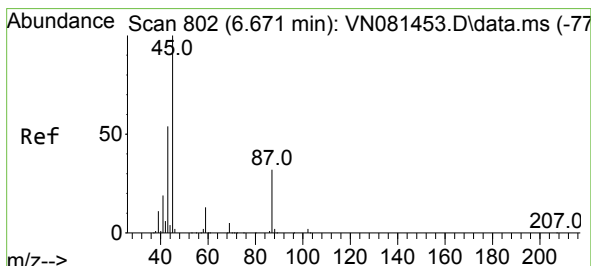
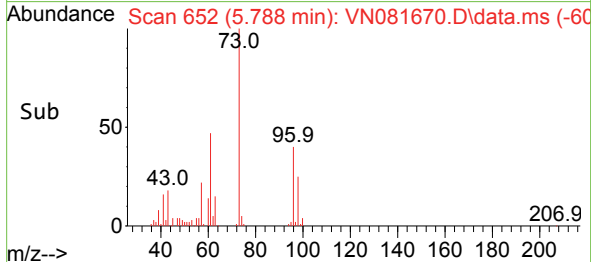
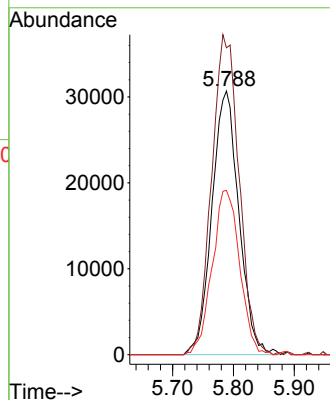
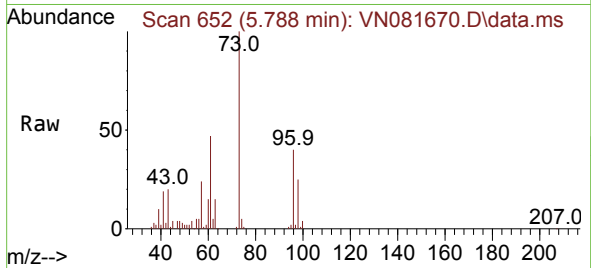




#21
trans-1,2-Dichloroethene
Concen: 21.618 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

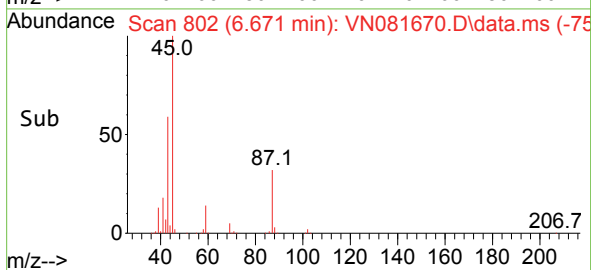
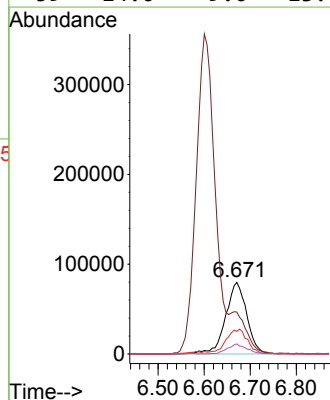
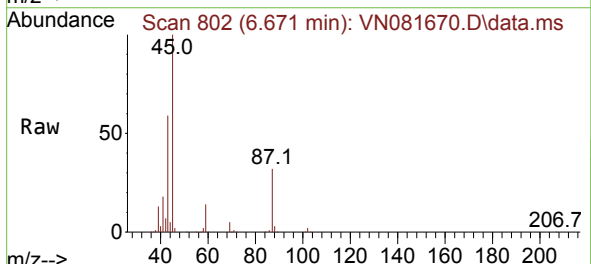
Instrument :
MSVOA_N
ClientSampleId :
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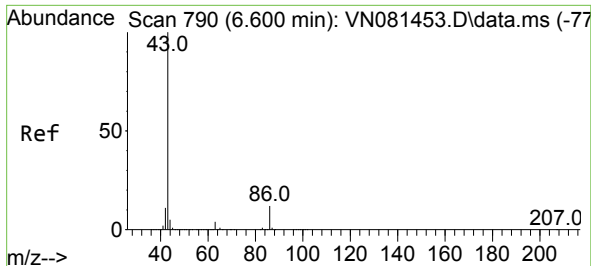
Tgt Ion: 96 Resp: 94416
Ion Ratio Lower Upper
96 100
61 116.4 112.8 169.2
98 62.4 51.0 76.4



#22
Diisopropyl ether
Concen: 22.270 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 45 Resp: 253977
Ion Ratio Lower Upper
45 100
43 57.3 41.8 62.8
87 31.7 18.1 27.1#
59 14.0 9.0 13.6#

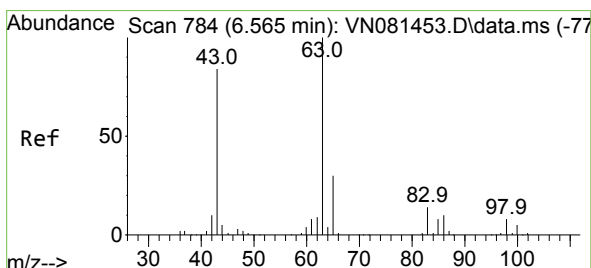
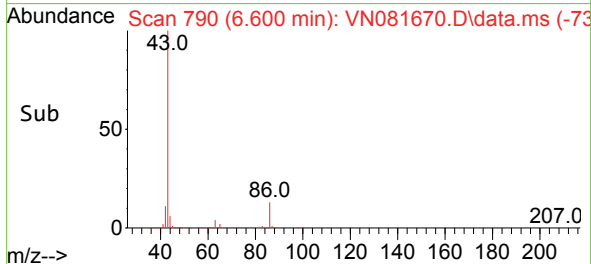
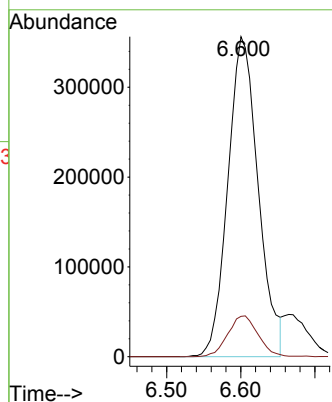
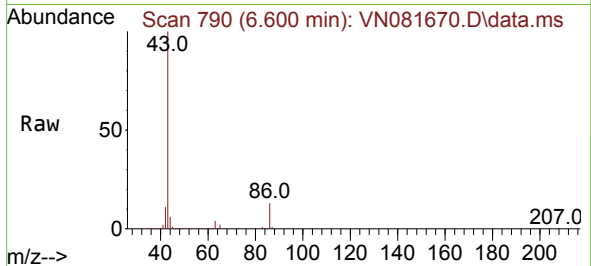




#23
 Vinyl Acetate
 Concen: 111.701 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081670.D
 Acq: 08 Apr 2024 12:19

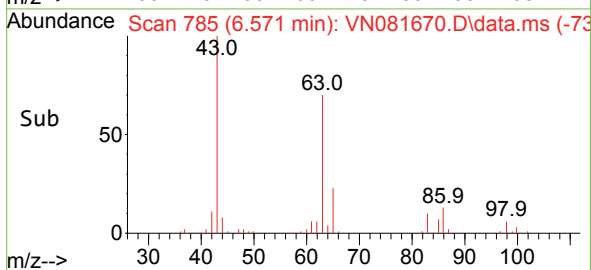
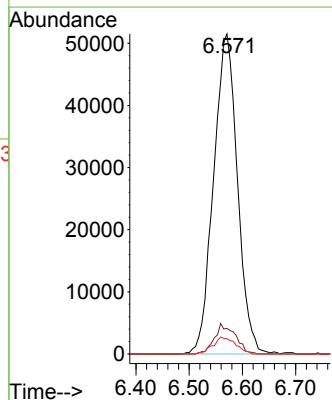
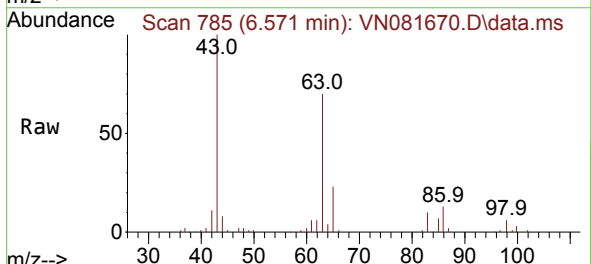
Instrument :
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 ClientSampleId :
 VN0408WBSD01

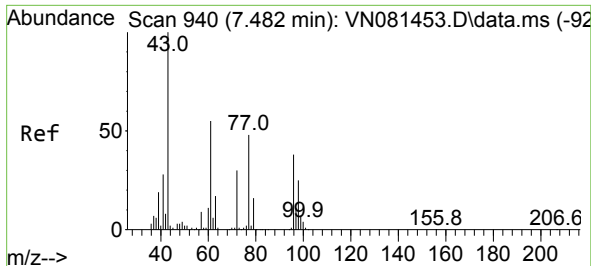
Tgt Ion: 43 Resp: 1013995
 Ion Ratio Lower Upper
 43 100
 86 12.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.988 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081670.D
 Acq: 08 Apr 2024 12:19

Tgt Ion: 63 Resp: 160314
 Ion Ratio Lower Upper
 63 100
 98 8.0 2.9 8.6
 100 4.8 1.9 5.7

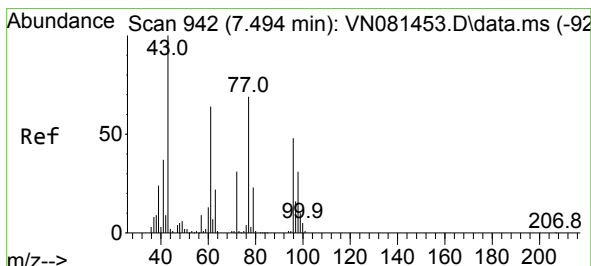
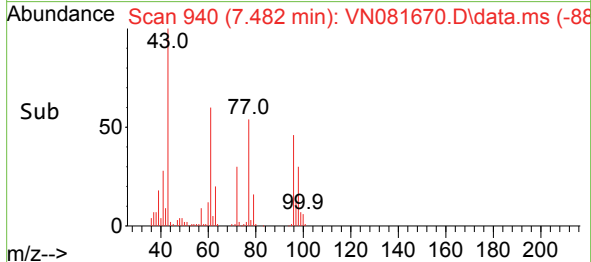
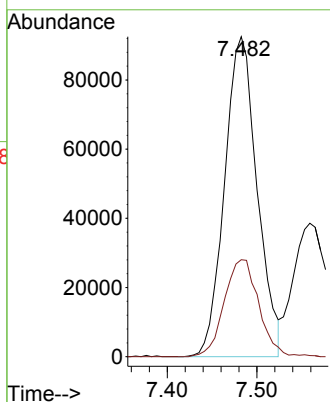
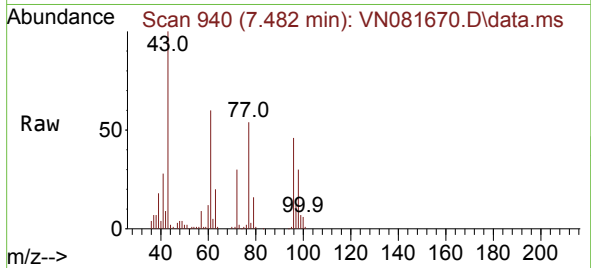




#25
2-Butanone
Concen: 99.459 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

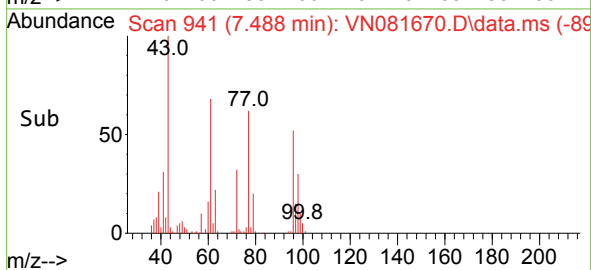
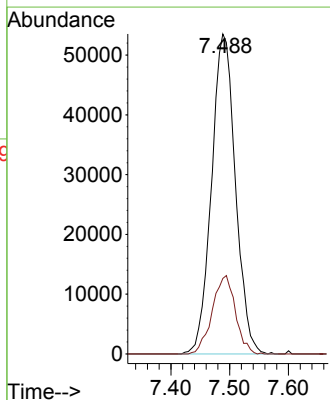
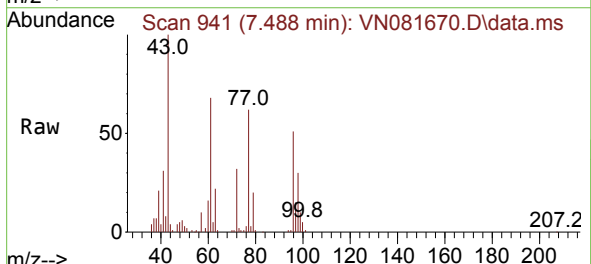
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

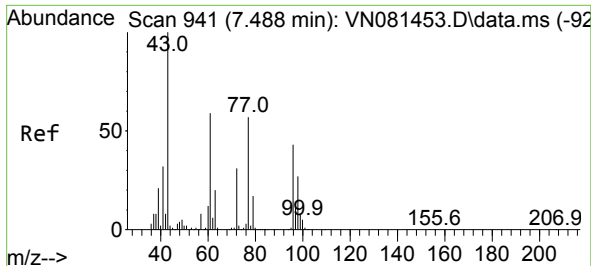
Tgt Ion: 43 Resp: 233355
Ion Ratio Lower Upper
43 100
72 30.3 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 22.846 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 77 Resp: 151356
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.5

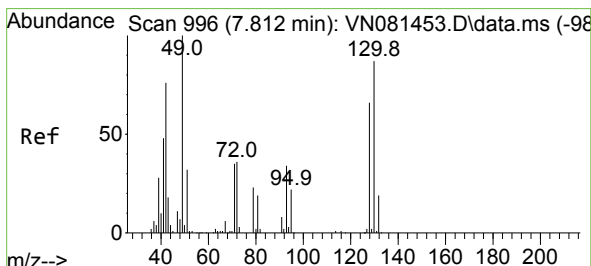
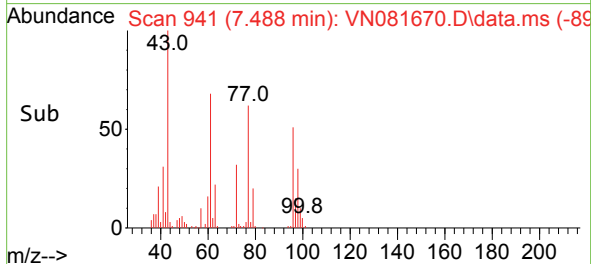
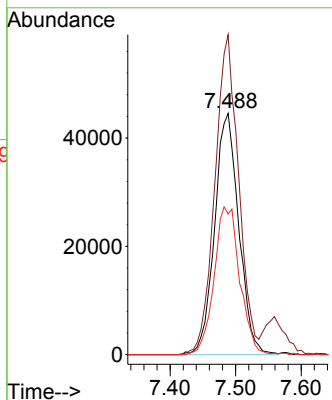
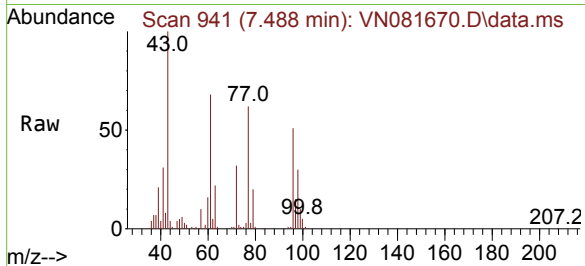




#27
 cis-1,2-Dichloroethene
 Concen: 23.098 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081670.D
 Acq: 08 Apr 2024 12:19

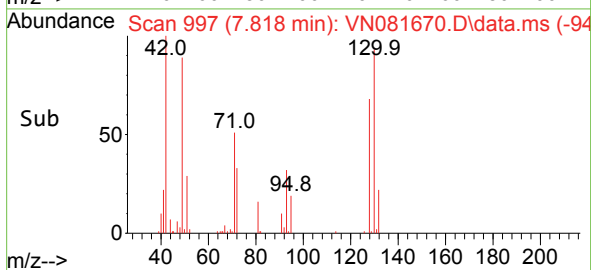
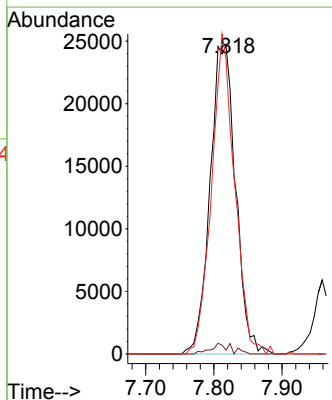
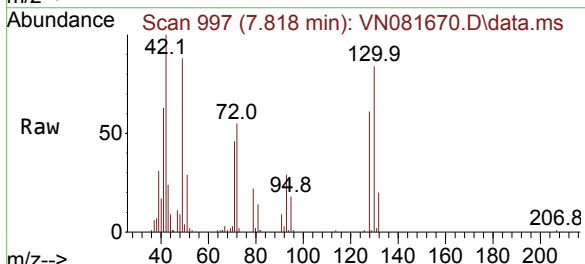
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBSD01

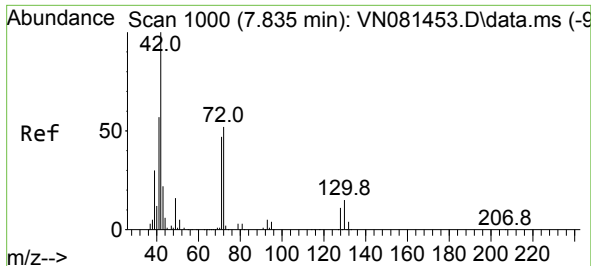
Tgt Ion: 96 Resp: 114138
 Ion Ratio Lower Upper
 96 100
 61 130.4 0.0 325.4
 98 64.7 0.0 130.4



#28
 Bromochloromethane
 Concen: 20.711 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081670.D
 Acq: 08 Apr 2024 12:19

Tgt Ion: 49 Resp: 64436
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 1.6#
 130 93.4 42.3 63.5#





#29

Tetrahydrofuran

Concen: 100.313 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081670.D

Acq: 08 Apr 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBSD01

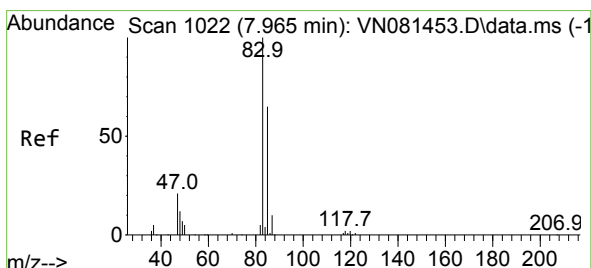
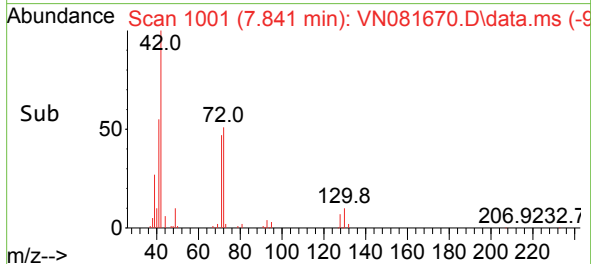
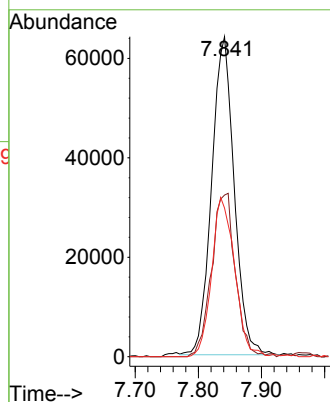
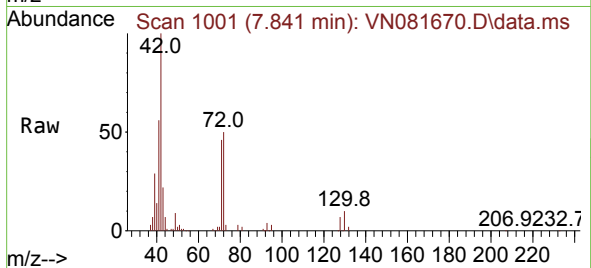
Tgt Ion: 42 Resp: 158553

Ion Ratio Lower Upper

42 100

72 54.3 31.1 46.7#

71 51.0 28.3 42.5#



#30

Chloroform

Concen: 22.450 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN081670.D

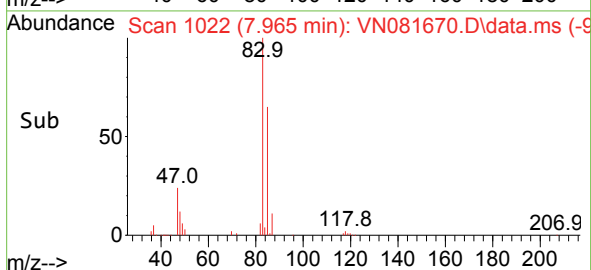
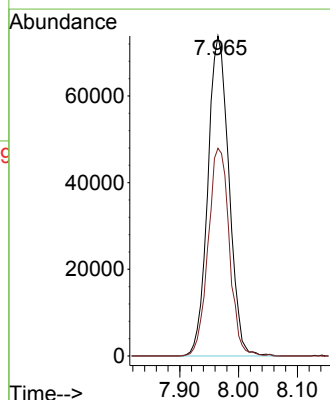
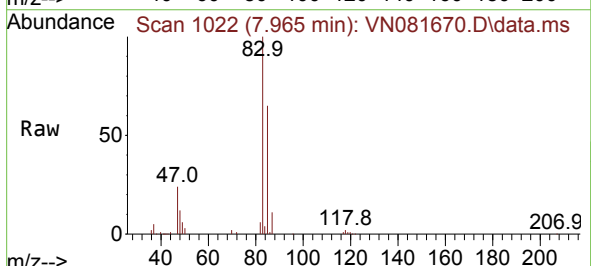
Acq: 08 Apr 2024 12:19

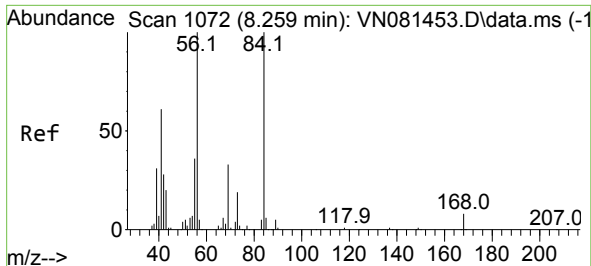
Tgt Ion: 83 Resp: 183581

Ion Ratio Lower Upper

83 100

85 64.9 51.0 76.6

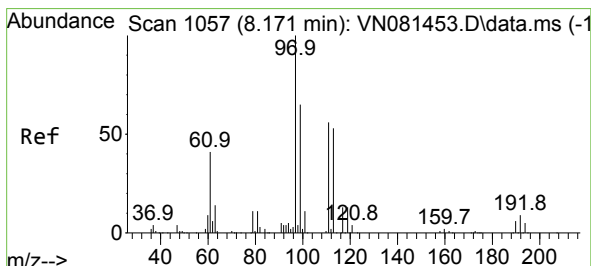
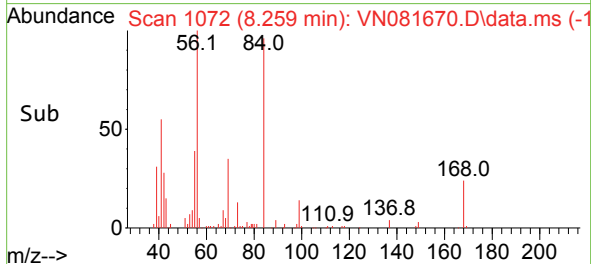
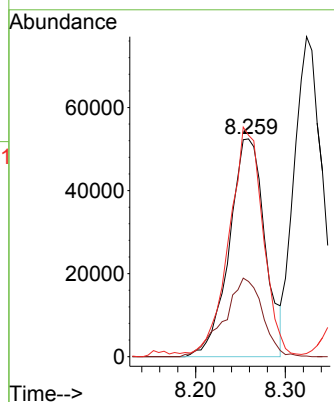
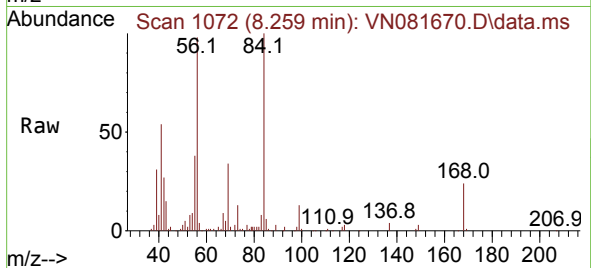




#31
Cyclohexane
Concen: 20.968 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

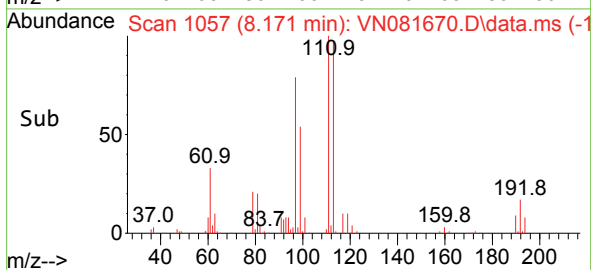
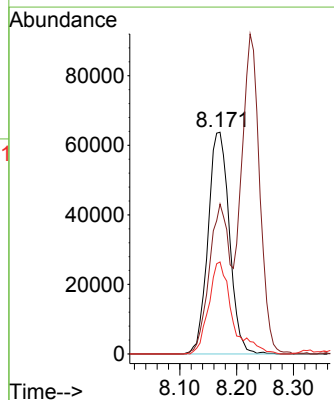
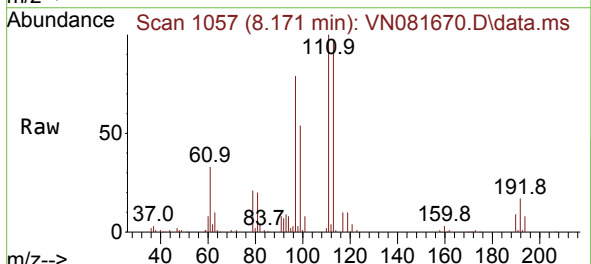
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

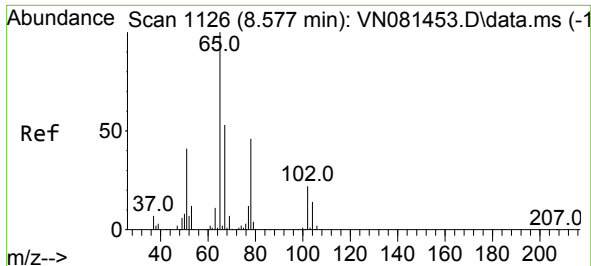
Tgt Ion: 56 Resp: 144425
Ion Ratio Lower Upper
56 100
69 34.5 20.1 30.1#
84 100.2 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 22.372 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 97 Resp: 165974
Ion Ratio Lower Upper
97 100
99 65.6 53.4 80.0
61 45.4 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 53.123 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081670.D

Acq: 08 Apr 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

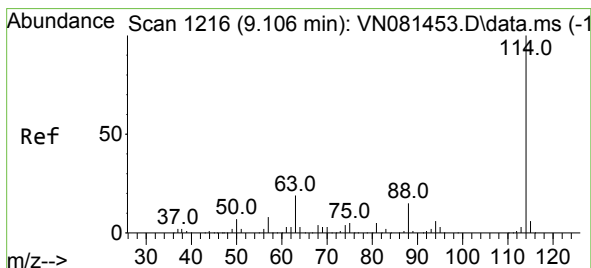
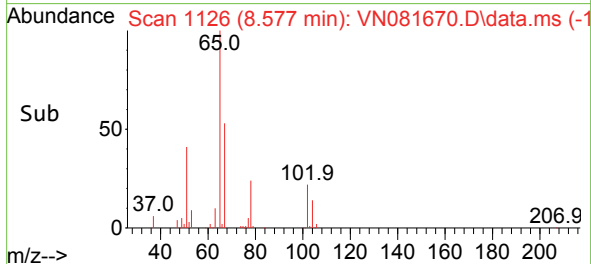
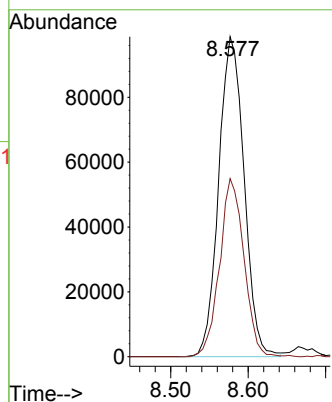
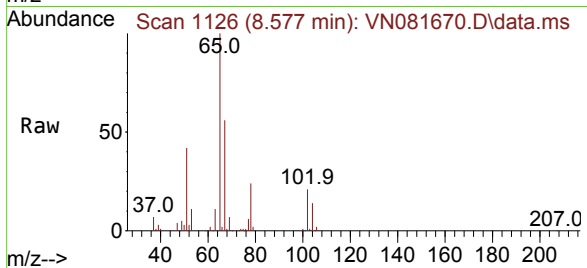
VN0408WBSD01

Tgt Ion: 65 Resp: 224851

Ion Ratio Lower Upper

65 100

67 53.5 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: VN081670.D

Acq: 08 Apr 2024 12:19

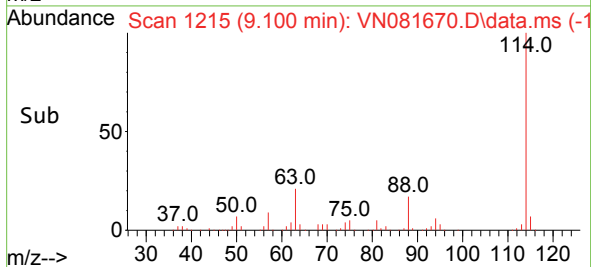
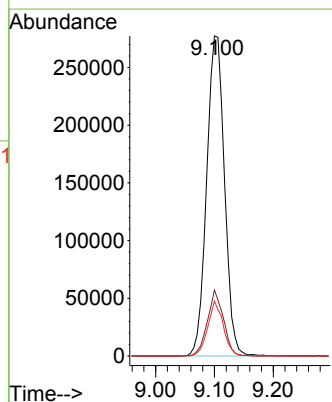
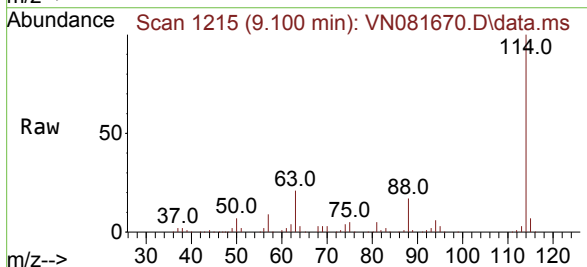
Tgt Ion: 114 Resp: 583804

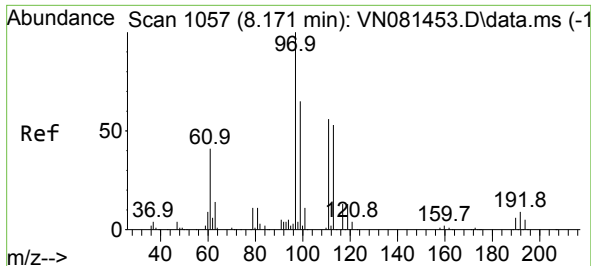
Ion Ratio Lower Upper

114 100

63 20.6 0.0 48.0

88 17.1 0.0 34.8

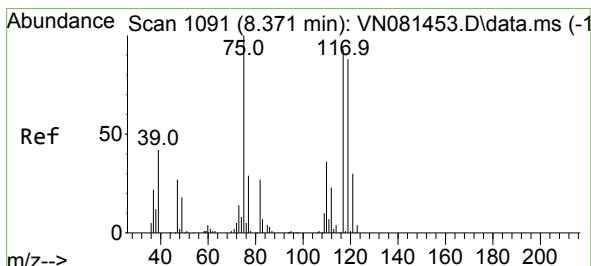
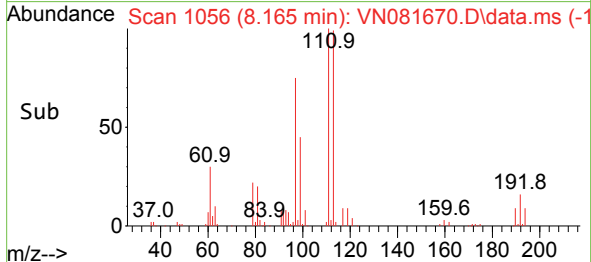
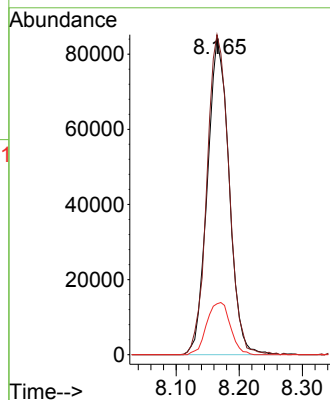
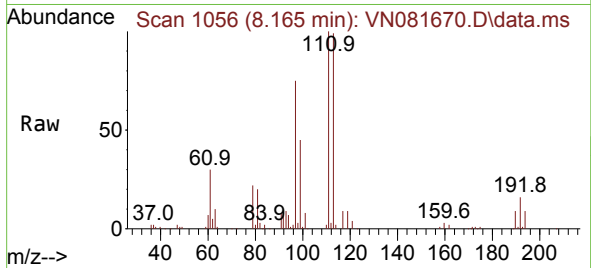




#35
Dibromofluoromethane
Concen: 54.590 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

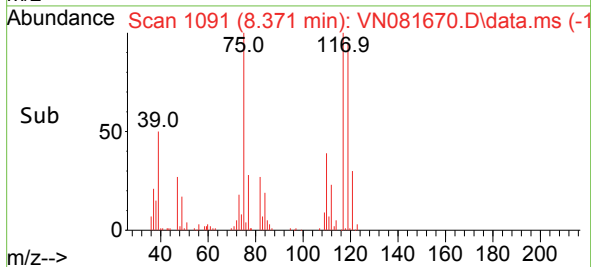
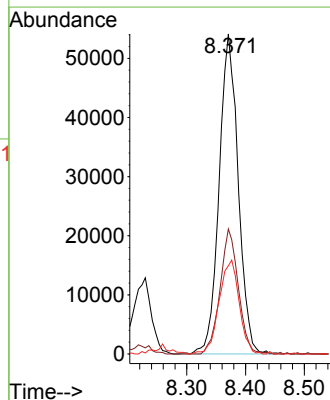
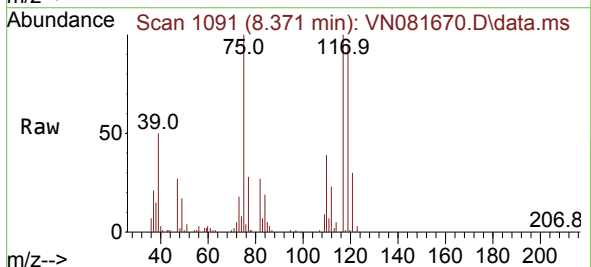
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

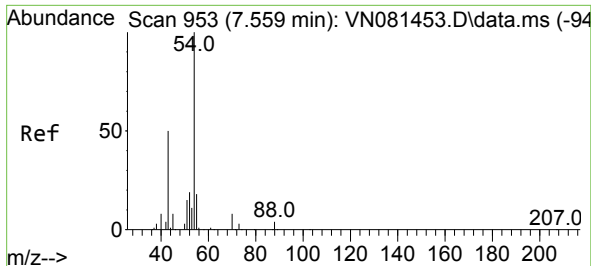
Tgt Ion:113 Resp: 201130
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 17.9 12.5 18.7



#36
1,1-Dichloropropene
Concen: 19.679 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 75 Resp: 122017
Ion Ratio Lower Upper
75 100
110 37.4 16.0 48.0
77 30.8 25.8 38.6

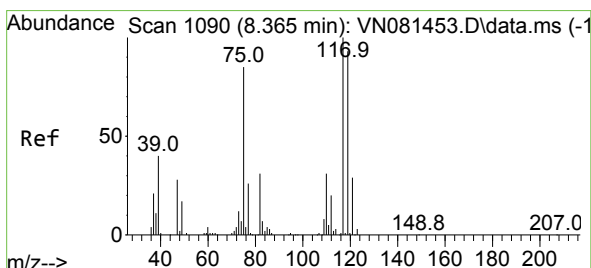
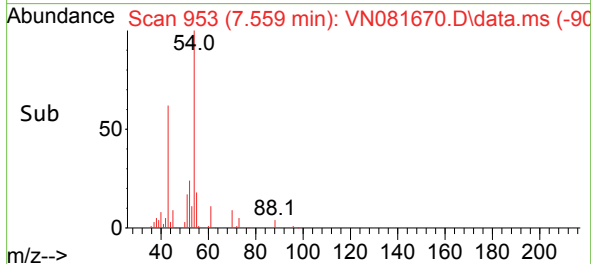
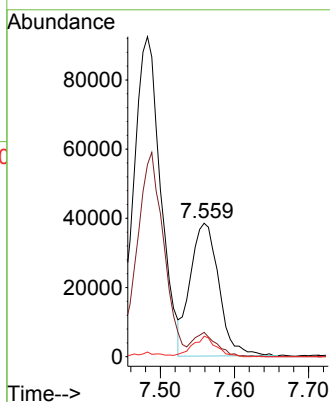
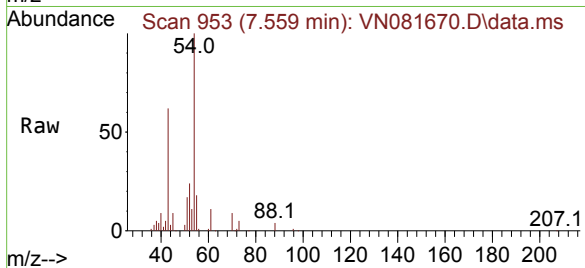




#37
Ethyl Acetate
Concen: 19.444 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

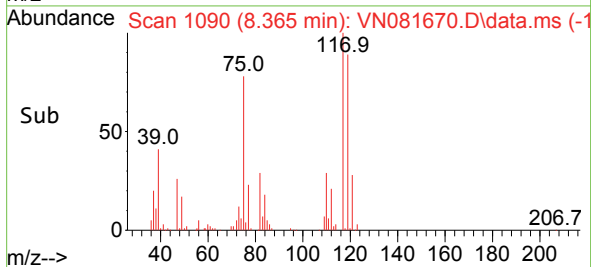
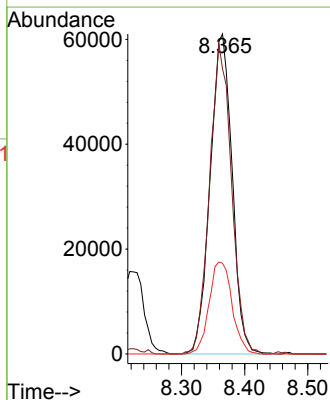
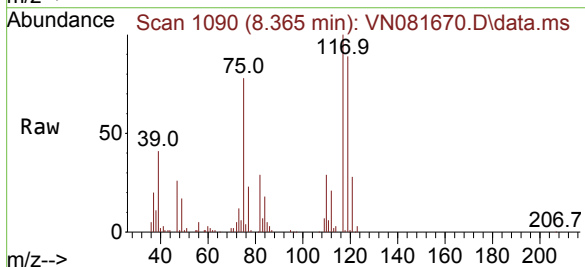
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

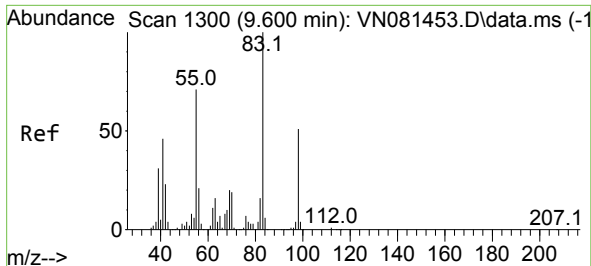
Tgt Ion: 43 Resp: 103236
Ion Ratio Lower Upper
43 100
61 15.0 10.6 15.8
70 12.6 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 21.715 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 117 Resp: 147494
Ion Ratio Lower Upper
117 100
119 89.1 73.4 110.2
121 28.3 24.4 36.6





#39

Methylcyclohexane

Concen: 22.185 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.006 min

Lab File: VN081670.D

Acq: 08 Apr 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBSD01

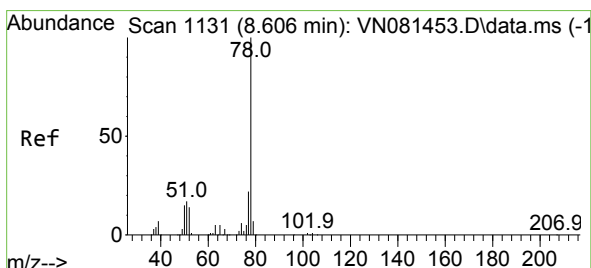
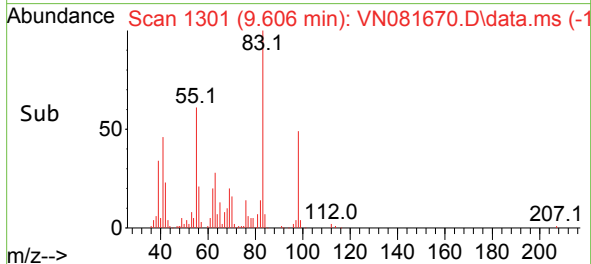
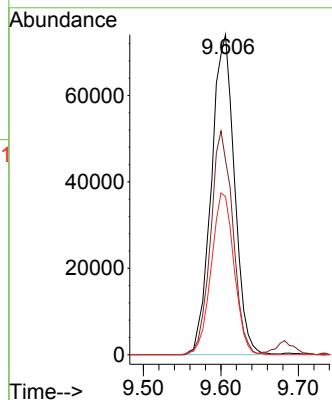
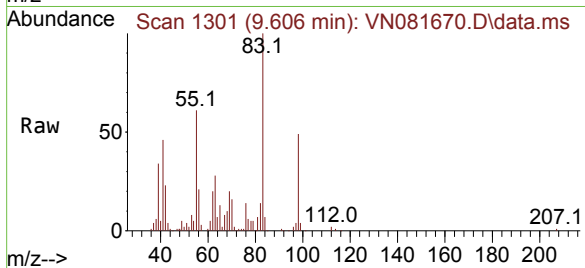
Tgt Ion: 83 Resp: 153613

Ion Ratio Lower Upper

83 100

55 60.8 65.7 98.5#

98 49.4 33.8 50.6



#40

Benzene

Concen: 21.781 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081670.D

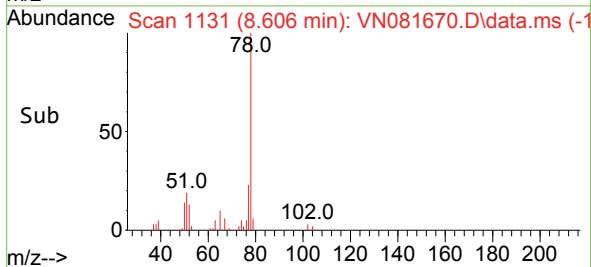
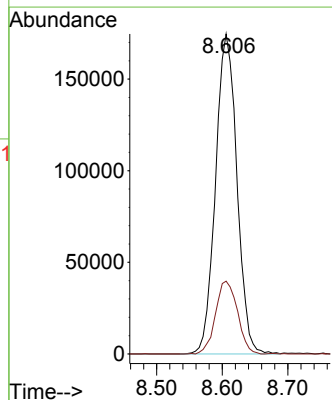
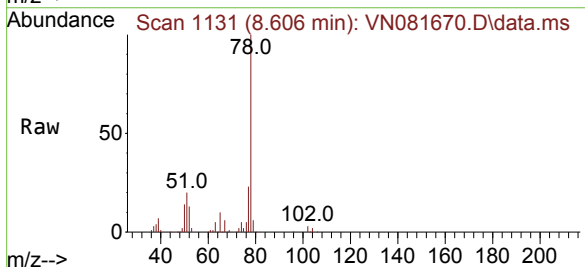
Acq: 08 Apr 2024 12:19

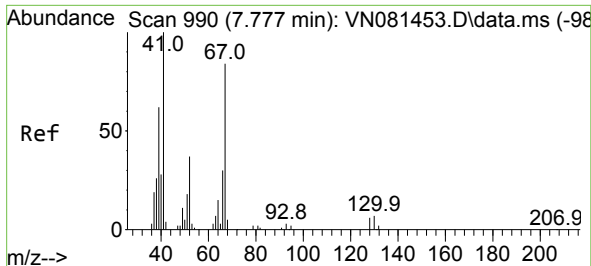
Tgt Ion: 78 Resp: 394834

Ion Ratio Lower Upper

78 100

77 22.8 20.4 30.6

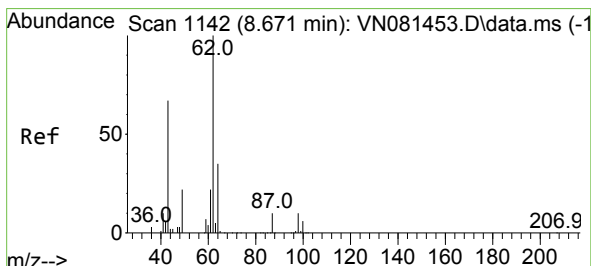
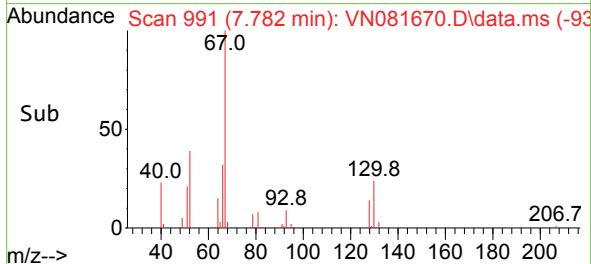
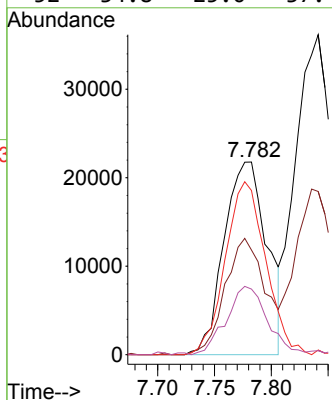
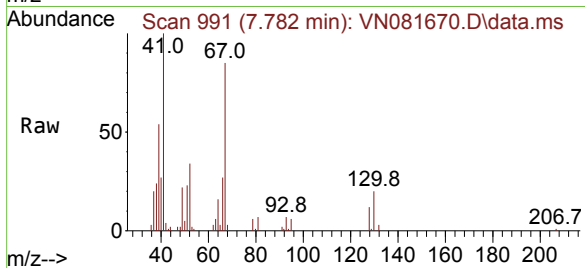




#41
Methacrylonitrile
Concen: 20.378 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

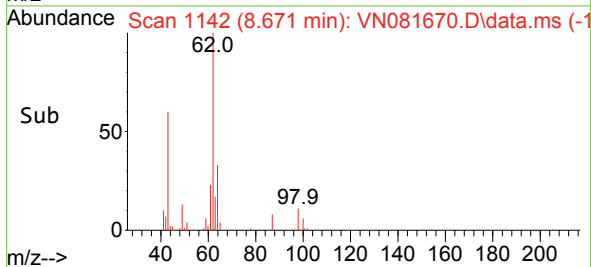
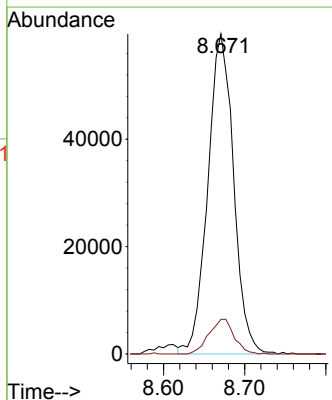
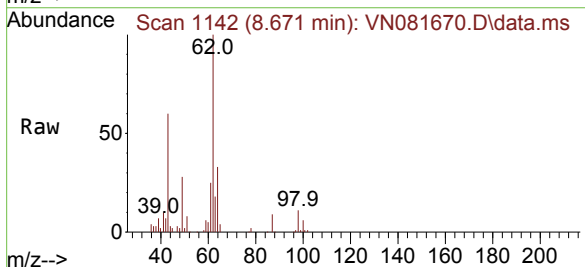
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

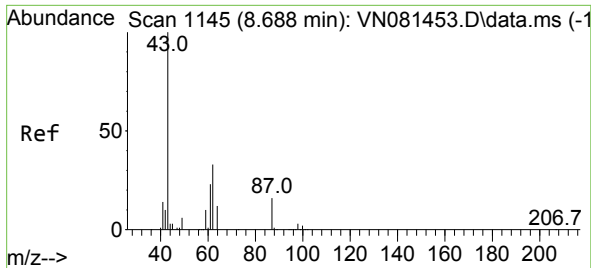
Tgt Ion:	41	Resp:	57218
Ion	Ratio	Lower	Upper
41	100		
39	56.7	48.4	72.6
67	84.5	56.8	85.2
52	34.8	25.0	37.4



#42
1,2-Dichloroethane
Concen: 20.630 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion:	62	Resp:	131608
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	18.0

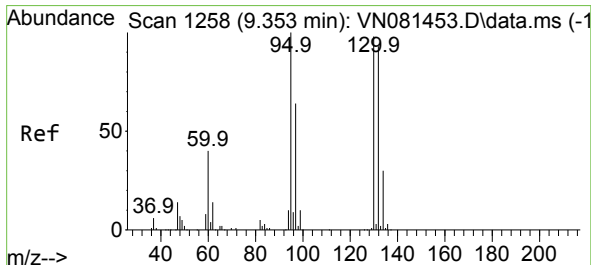
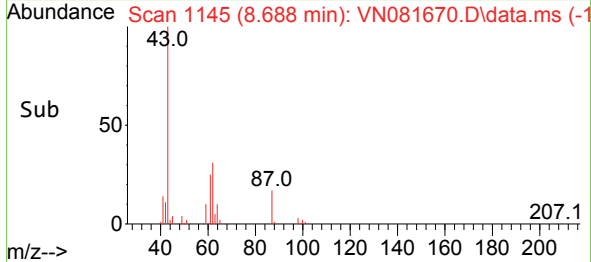
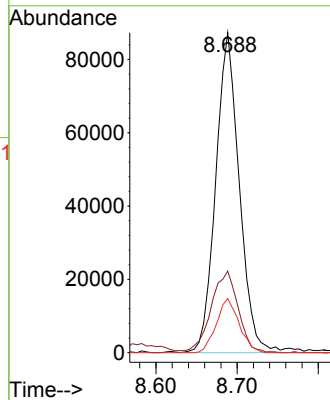
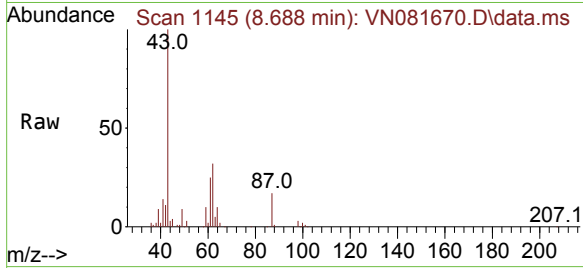




#43
Isopropyl Acetate
Concen: 19.986 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

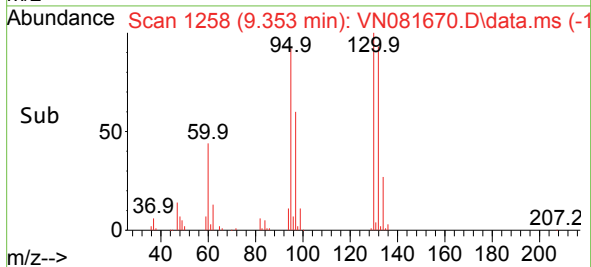
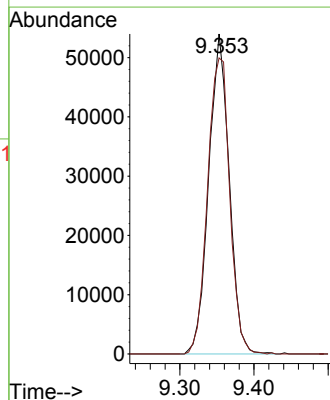
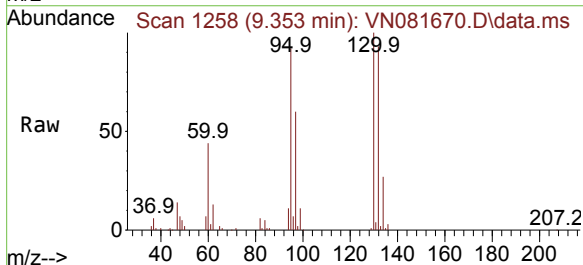
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

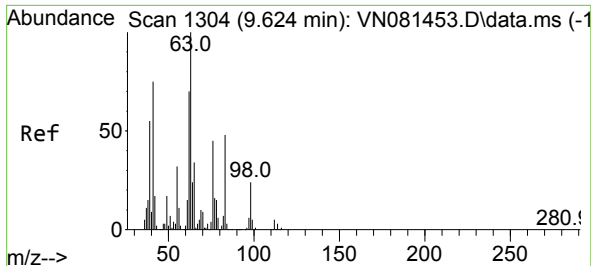
Tgt Ion: 43 Resp: 175891
Ion Ratio Lower Upper
43 100
61 29.3 19.9 29.9
87 16.3 9.0 13.6#



#44
Trichloroethene
Concen: 20.326 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion:130 Resp: 103631
Ion Ratio Lower Upper
130 100
95 92.5 0.0 210.4

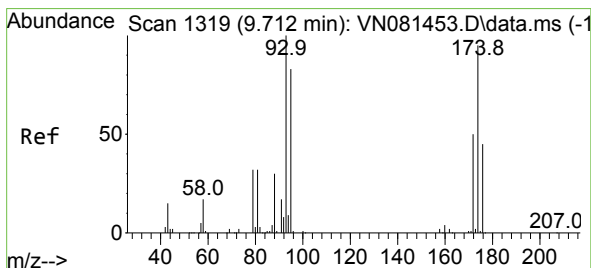
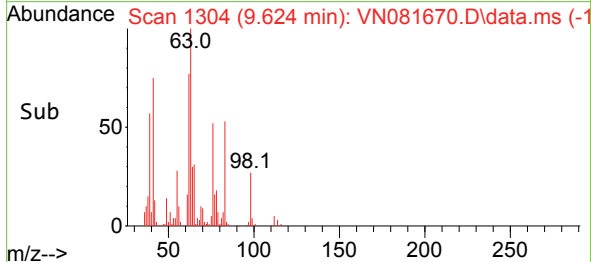
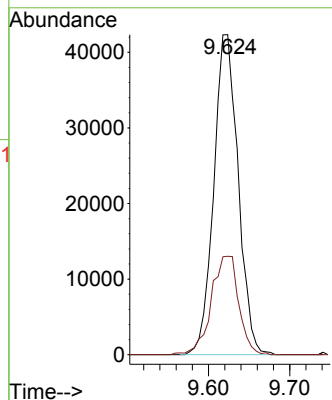
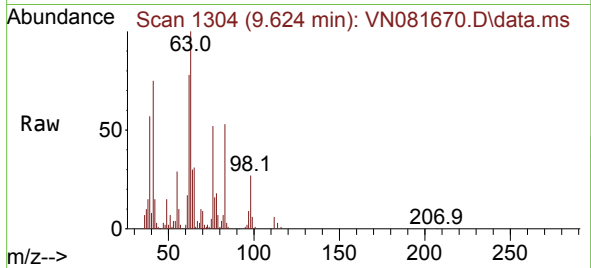




#45
1,2-Dichloropropane
Concen: 20.146 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

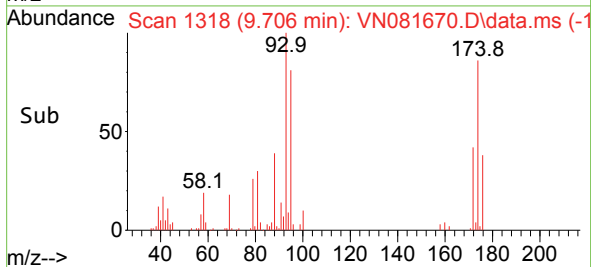
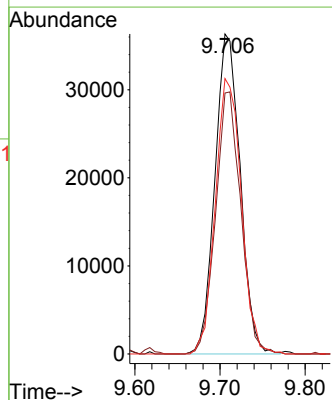
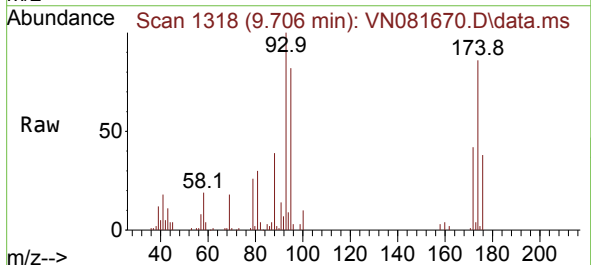
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

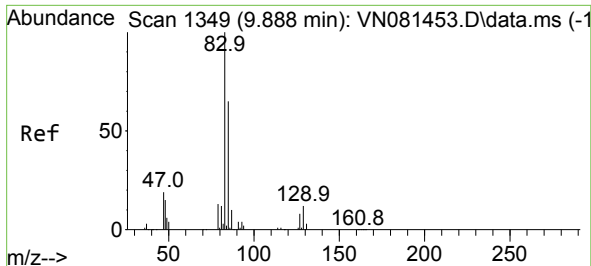
Tgt Ion: 63 Resp: 88508
Ion Ratio Lower Upper
63 100
65 30.8 26.1 39.1



#46
Dibromomethane
Concen: 22.484 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 93 Resp: 75012
Ion Ratio Lower Upper
93 100
95 81.9 68.1 102.1
174 88.5 57.2 85.8#

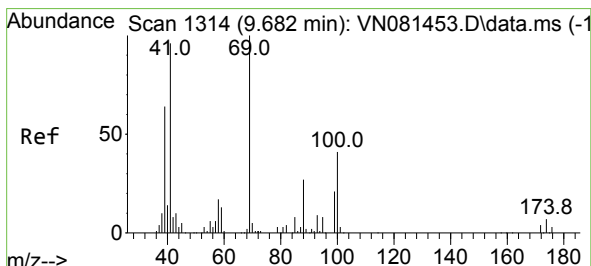
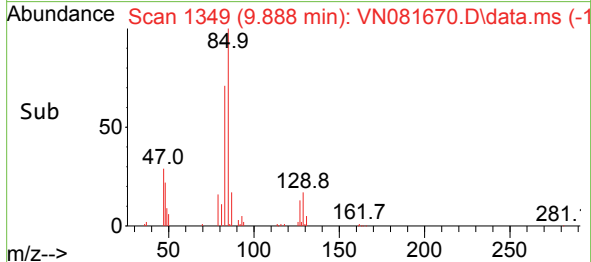
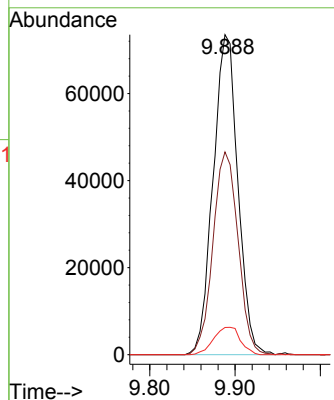
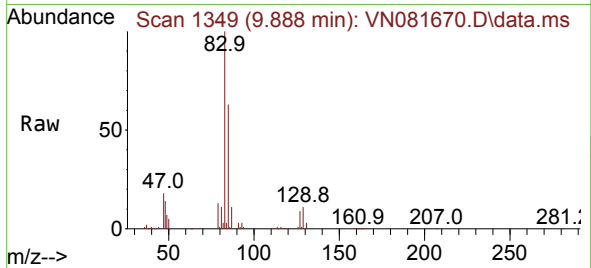




#47
Bromodichloromethane
Concen: 22.726 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

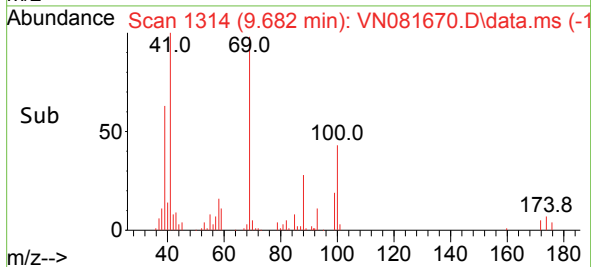
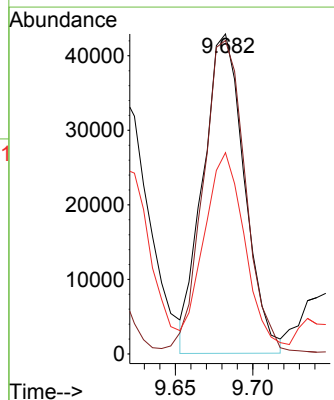
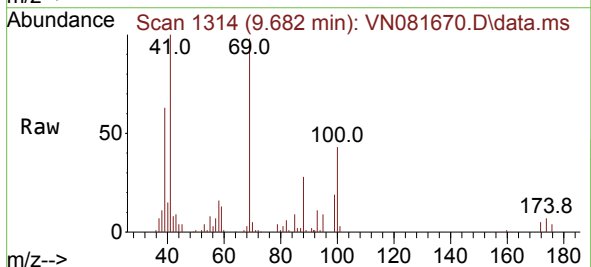
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

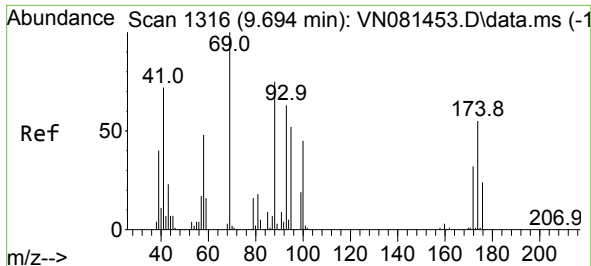
Tgt Ion: 83 Resp: 148244
Ion Ratio Lower Upper
83 100
85 63.3 52.3 78.5
127 8.5 4.6 7.0#



#48
Methyl methacrylate
Concen: 19.586 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

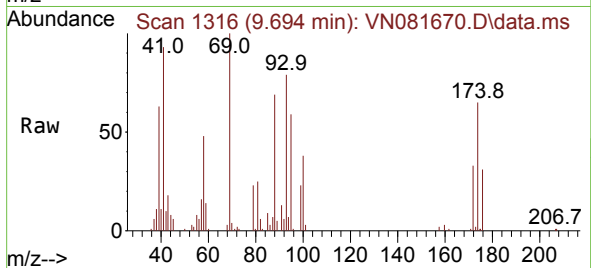
Tgt Ion: 41 Resp: 79506
Ion Ratio Lower Upper
41 100
69 101.1 62.2 93.2#
39 63.9 47.6 71.4



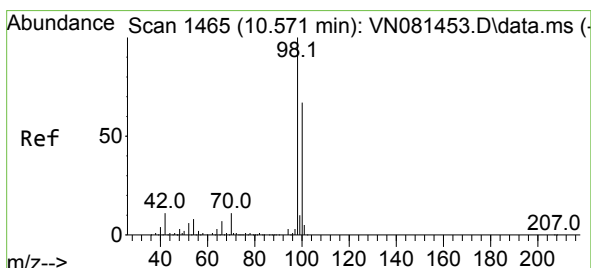
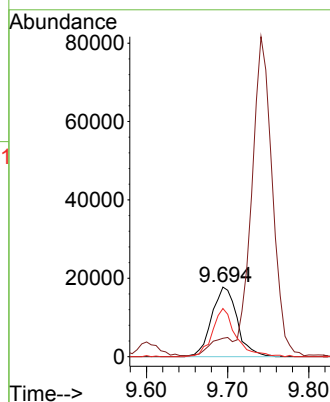
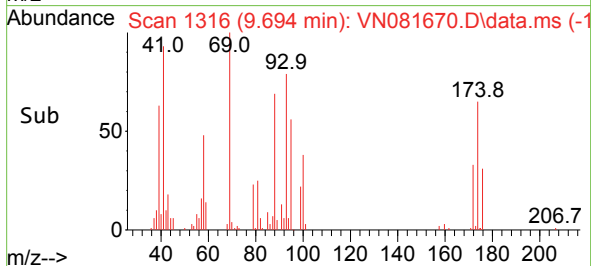


#49
1,4-Dioxane
Concen: 397.573 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

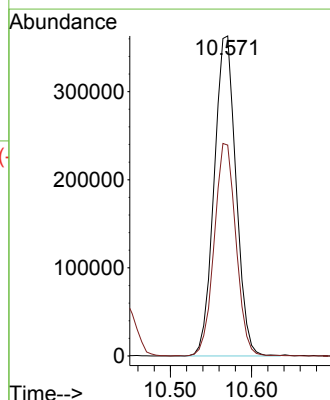
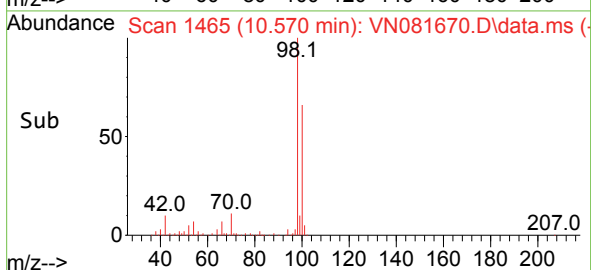
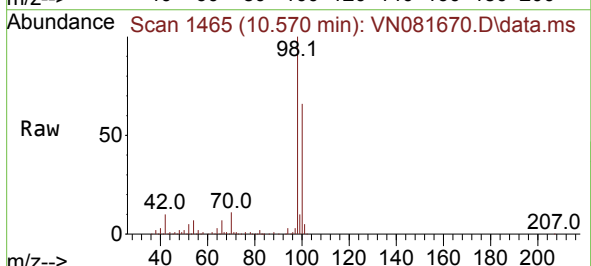


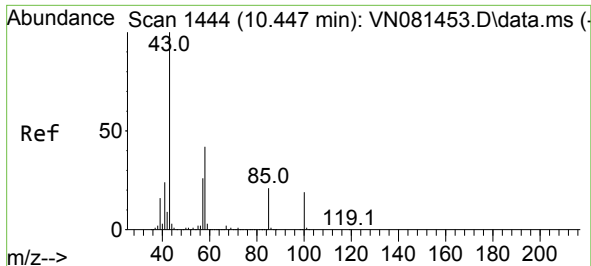
Tgt Ion: 88 Resp: 38784
Ion Ratio Lower Upper
88 100
43 23.3 30.1 45.1#
58 63.5 63.9 95.9#



#50
Toluene-d8
Concen: 50.987 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 98 Resp: 679078
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.0

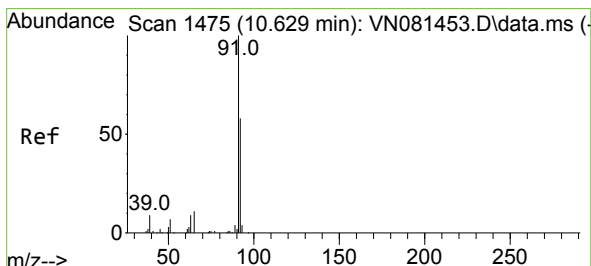
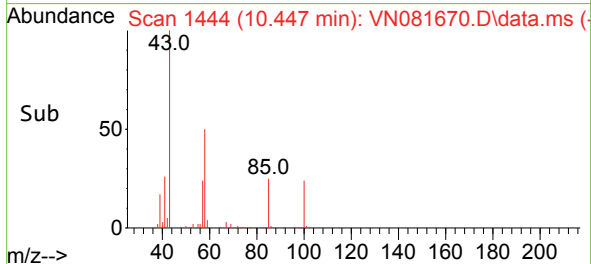
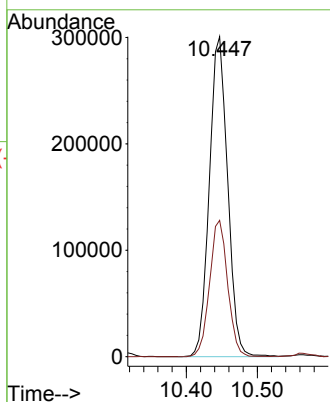
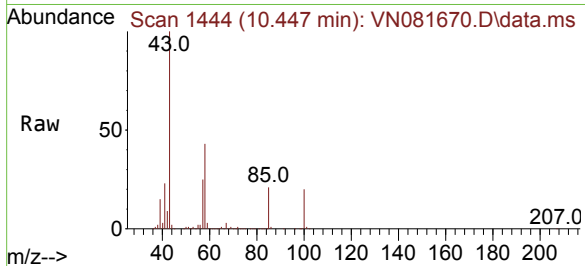




#51
4-Methyl-2-Pentanone
Concen: 100.091 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

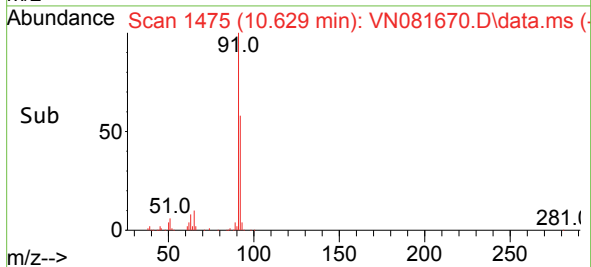
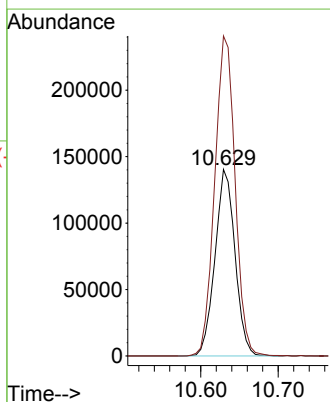
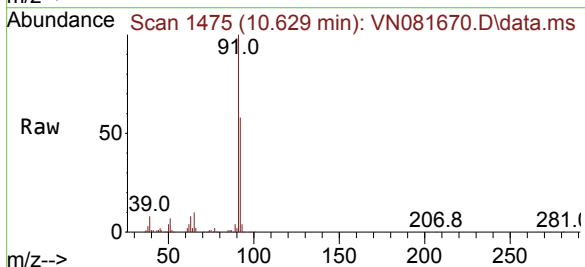
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

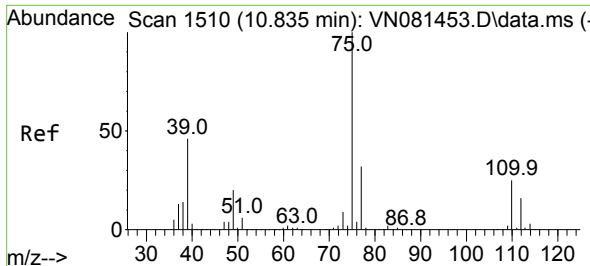
Tgt Ion: 43 Resp: 537515
Ion Ratio Lower Upper
43 100
58 42.1 29.4 44.0



#52
Toluene
Concen: 21.923 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 92 Resp: 252586
Ion Ratio Lower Upper
92 100
91 174.3 139.4 209.0

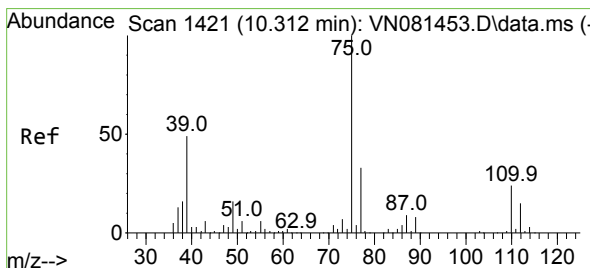
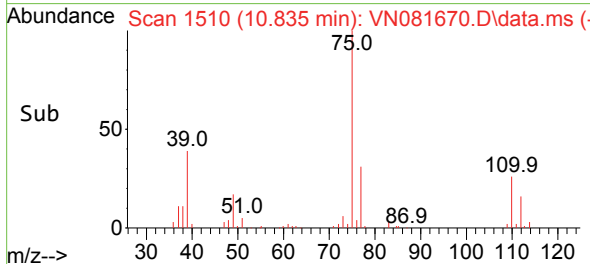
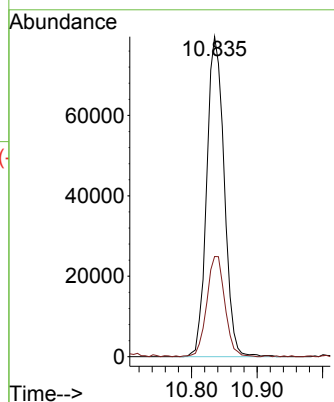
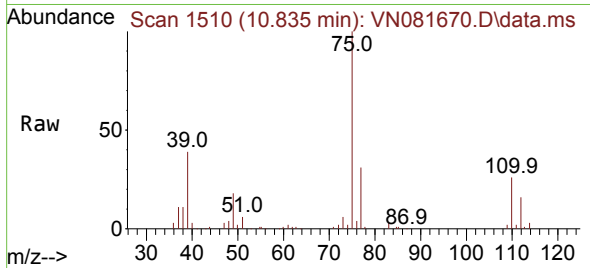




#53
 t-1,3-Dichloropropene
 Concen: 20.897 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081670.D
 Acq: 08 Apr 2024 12:19

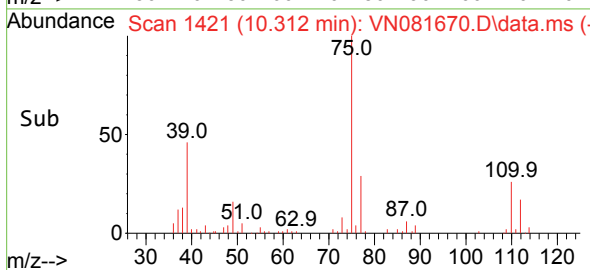
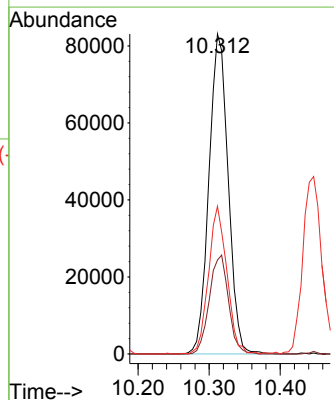
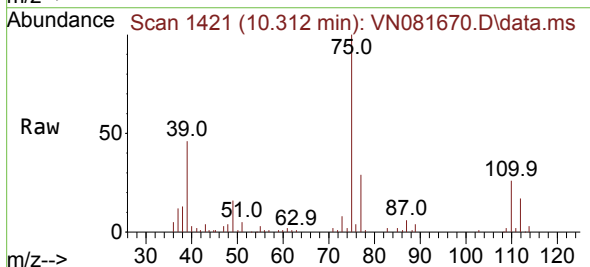
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBSD01

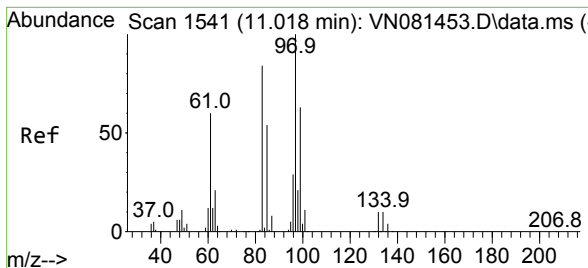
Tgt Ion: 75 Resp: 147188
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.696 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081670.D
 Acq: 08 Apr 2024 12:19

Tgt Ion: 75 Resp: 156294
 Ion Ratio Lower Upper
 75 100
 77 29.3 23.3 34.9
 39 46.2 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 20.908 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN081670.D

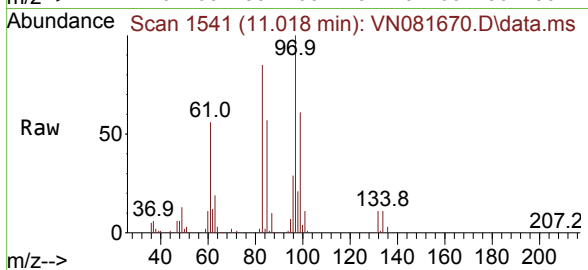
Acq: 08 Apr 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBSD01



Tgt Ion: 97 Resp: 96947

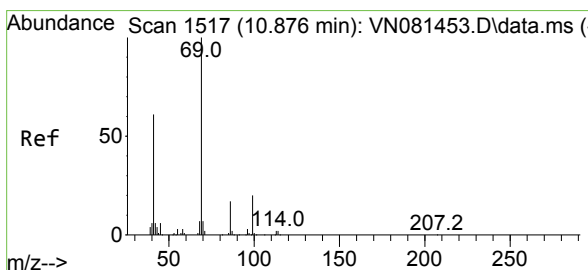
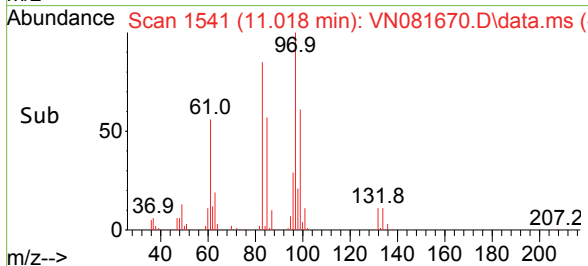
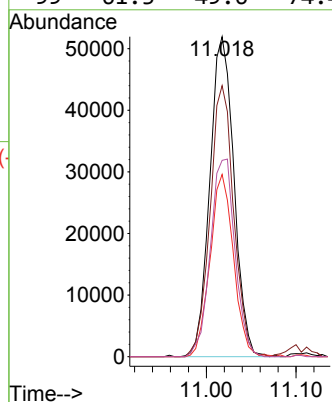
Ion Ratio Lower Upper

97 100

83 84.7 72.9 109.3

85 57.0 50.2 75.2

99 61.3 49.6 74.4



#56

Ethyl methacrylate

Concen: 21.484 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN081670.D

Acq: 08 Apr 2024 12:19

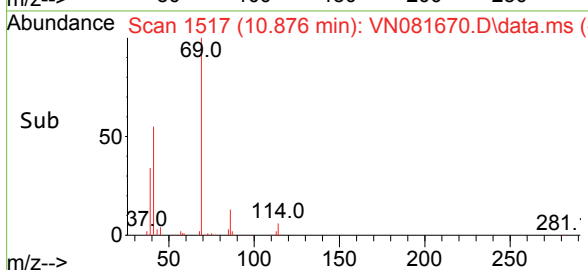
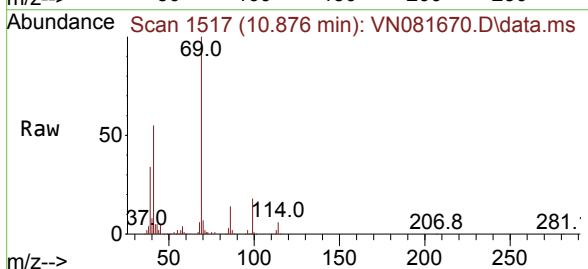
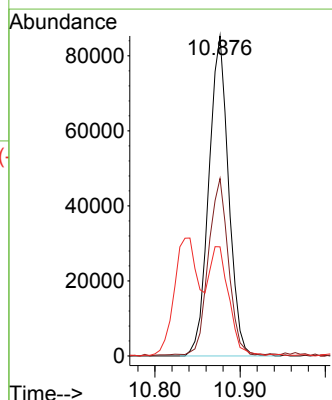
Tgt Ion: 69 Resp: 137546

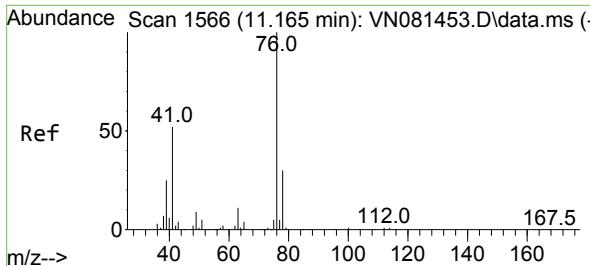
Ion Ratio Lower Upper

69 100

41 56.9 61.0 91.6#

39 32.9 31.8 47.6

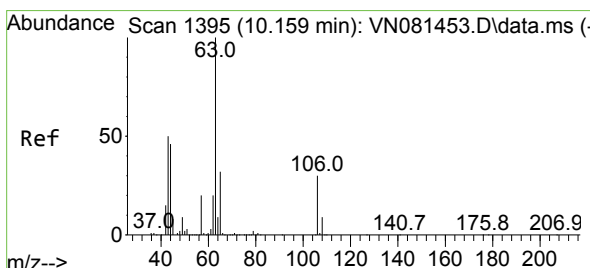
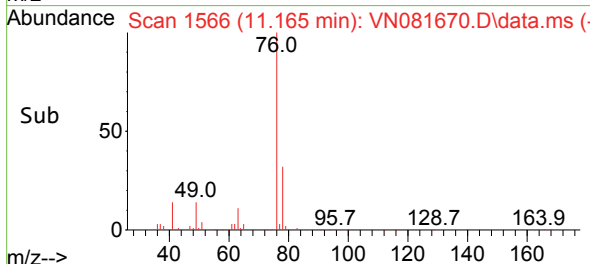
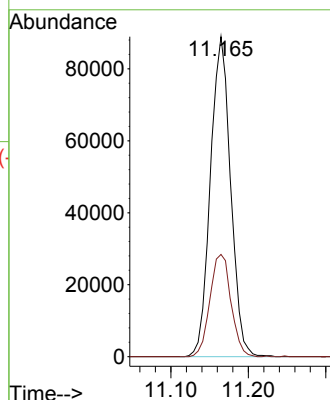
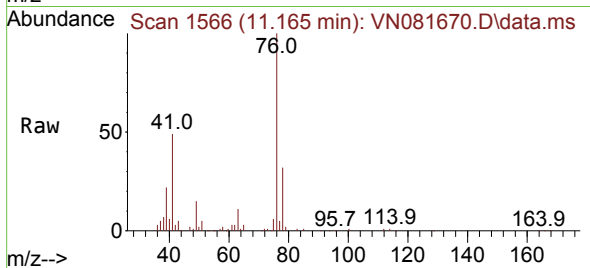




#57
1,3-Dichloropropane
Concen: 21.172 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

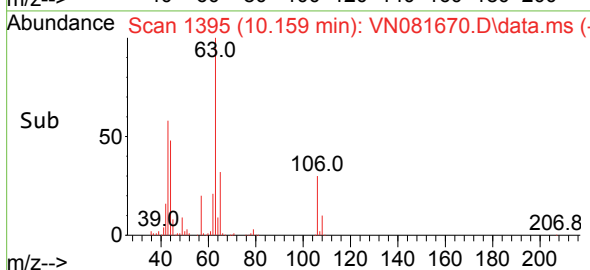
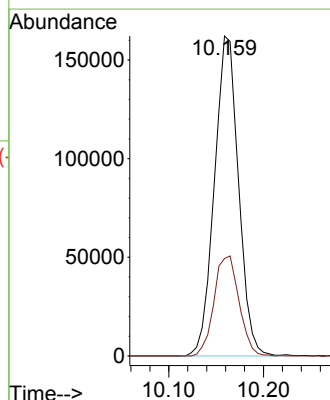
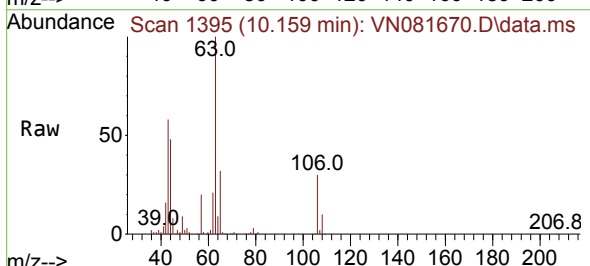
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

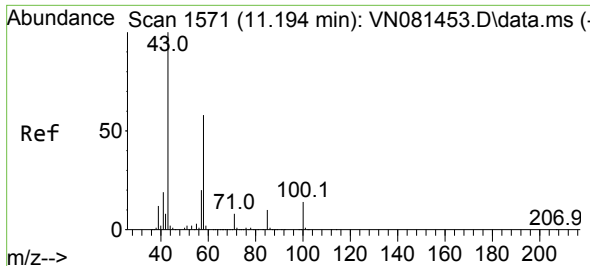
Tgt Ion: 76 Resp: 160931
Ion Ratio Lower Upper
76 100
78 33.3 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 98.327 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 63 Resp: 286878
Ion Ratio Lower Upper
63 100
106 32.5 18.6 28.0#

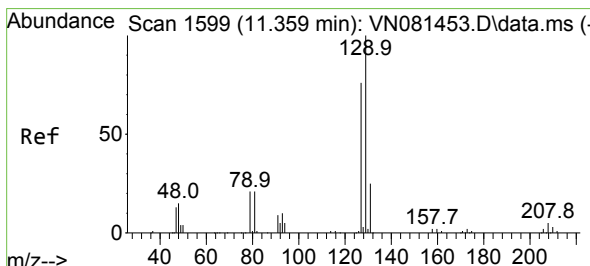
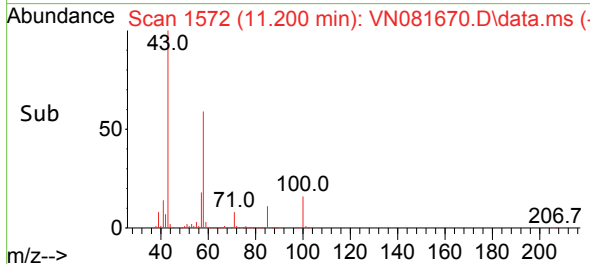
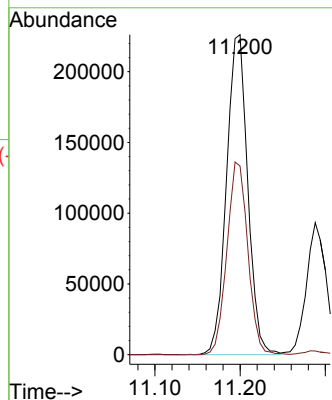
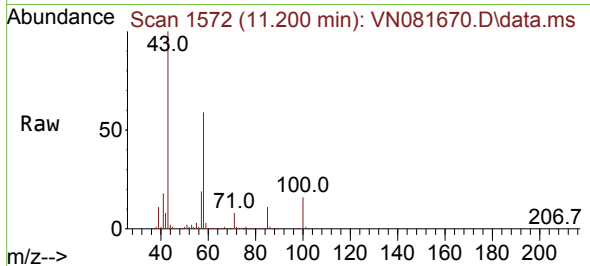




#59
2-Hexanone
Concen: 98.394 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

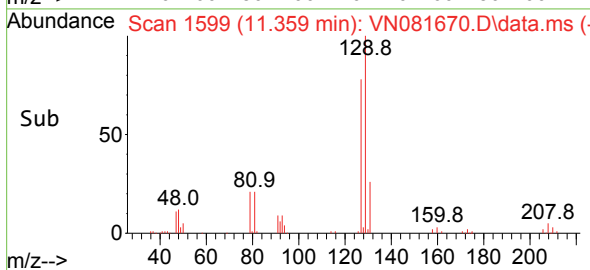
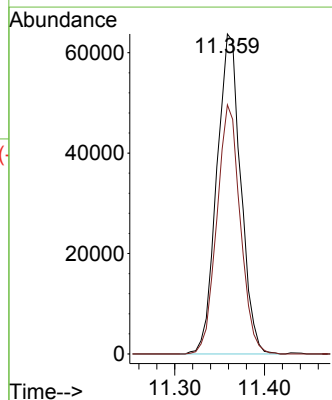
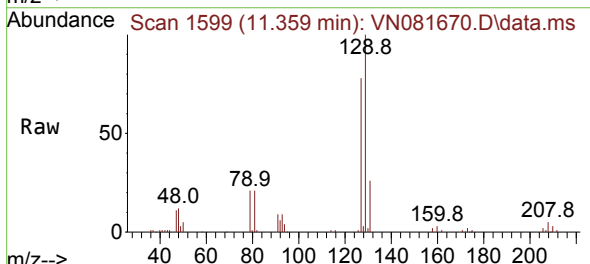
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

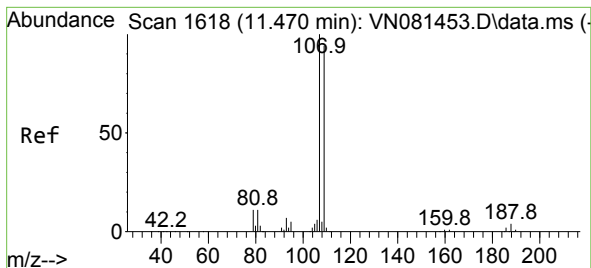
Tgt Ion: 43 Resp: 390668
Ion Ratio Lower Upper
43 100
58 59.5 25.9 77.8



#60
Dibromochloromethane
Concen: 23.190 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 129 Resp: 118256
Ion Ratio Lower Upper
129 100
127 76.0 39.4 118.2

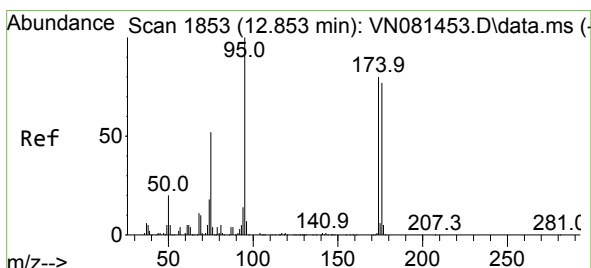
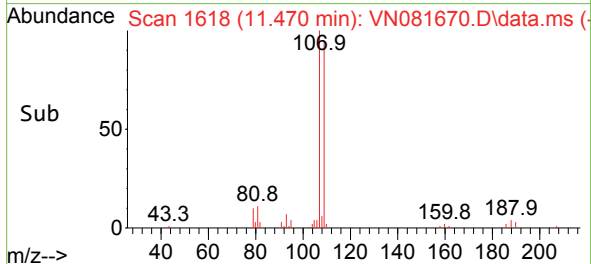
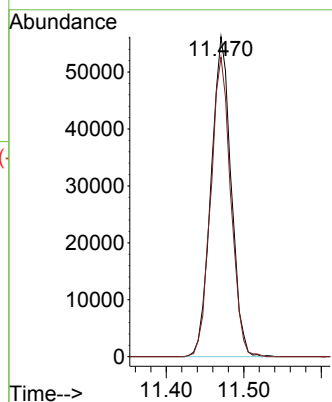
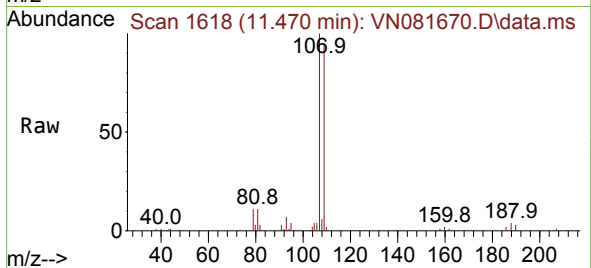




#61
1,2-Dibromoethane
Concen: 21.352 ug/l
RT: 11.470 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

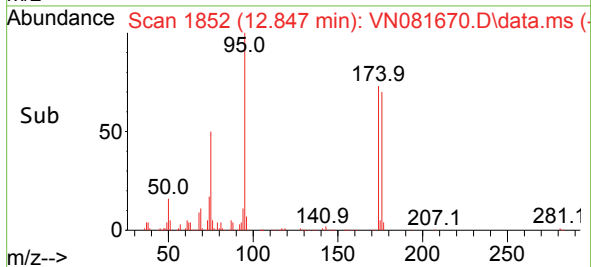
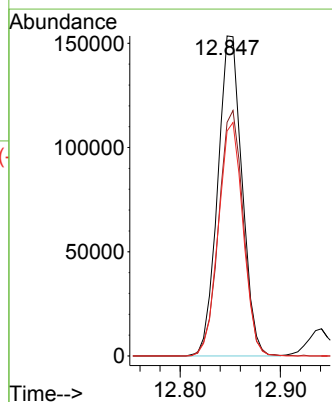
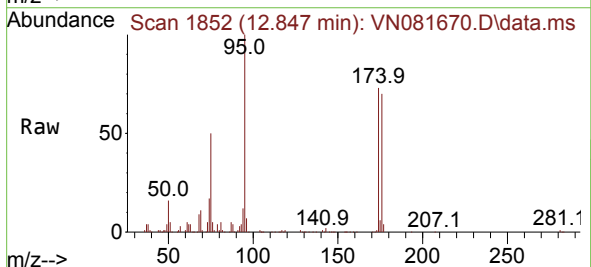
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

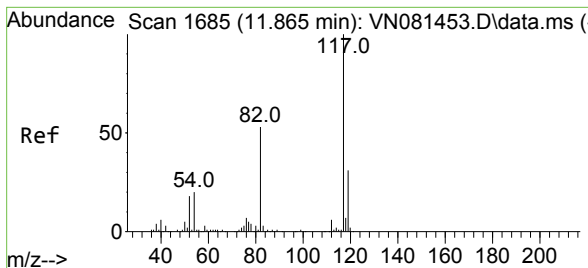
Tgt Ion:107 Resp: 100937
Ion Ratio Lower Upper
107 100
109 93.3 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 55.164 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 95 Resp: 258885
Ion Ratio Lower Upper
95 100
174 77.4 0.0 120.4
176 73.9 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081670.D

Acq: 08 Apr 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBSD01

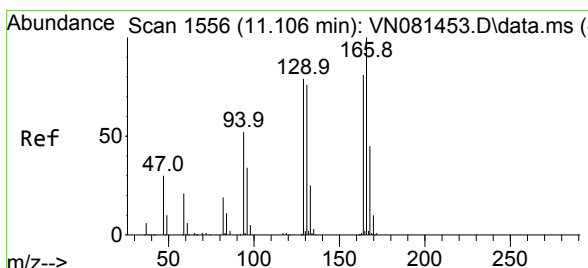
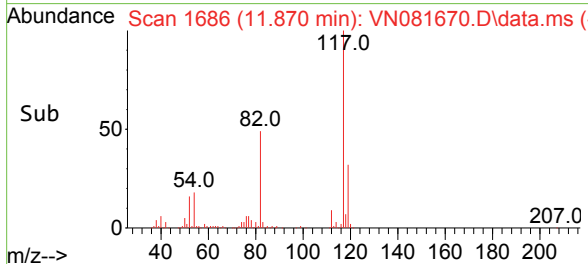
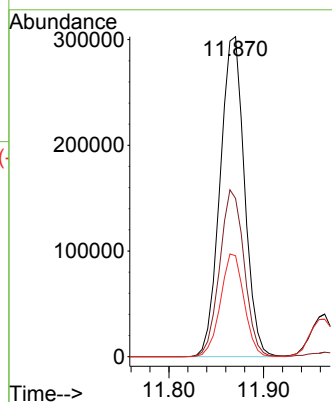
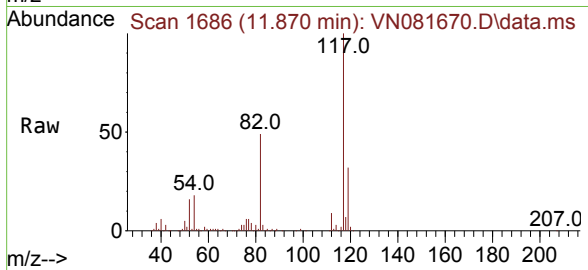
Tgt Ion:117 Resp: 542480

Ion Ratio Lower Upper

117 100

82 49.5 52.7 79.1#

119 31.5 25.3 37.9



#64

Tetrachloroethene

Concen: 21.505 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN081670.D

Acq: 08 Apr 2024 12:19

Tgt Ion:164 Resp: 111512

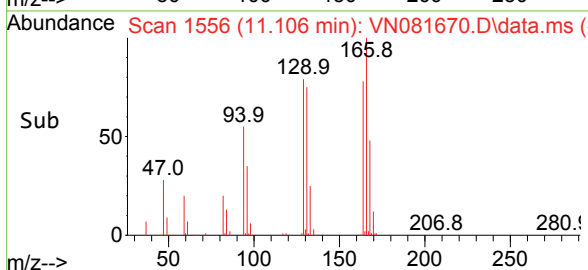
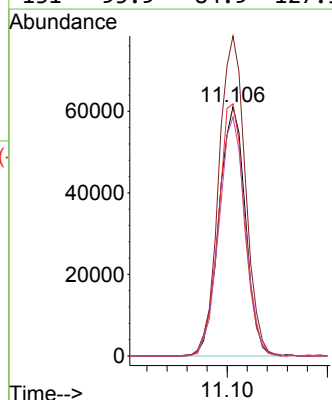
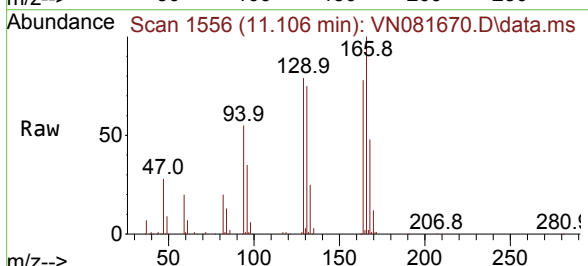
Ion Ratio Lower Upper

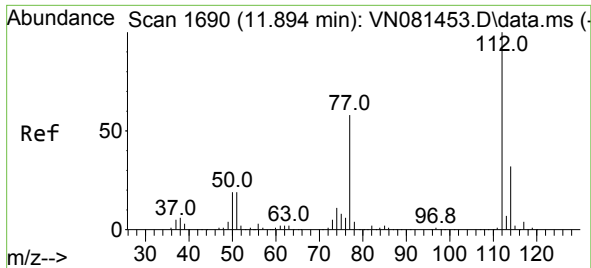
164 100

166 128.5 105.8 158.6

129 101.3 89.6 134.4

131 95.9 84.9 127.3

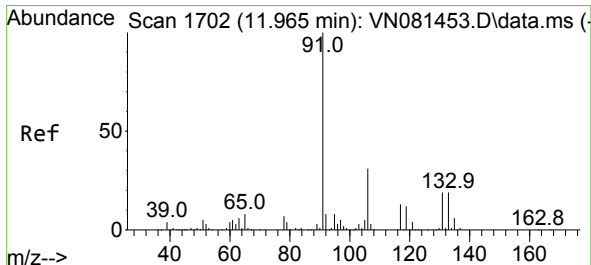
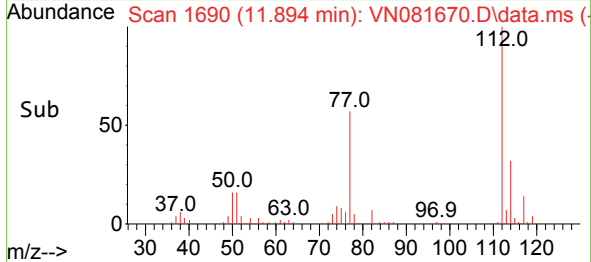
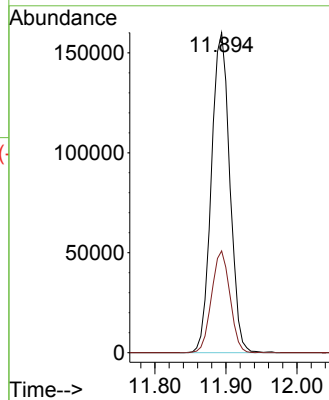
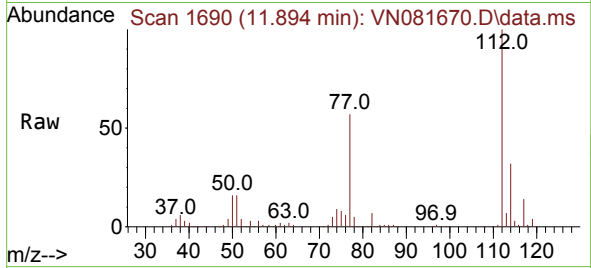




#65
Chlorobenzene
Concen: 22.451 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

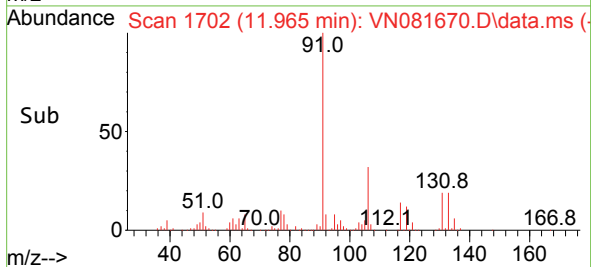
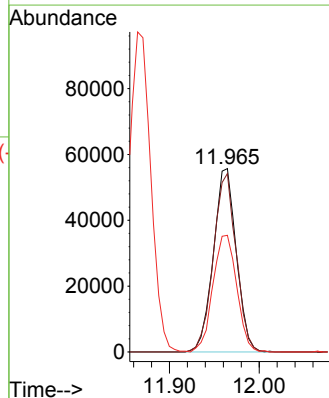
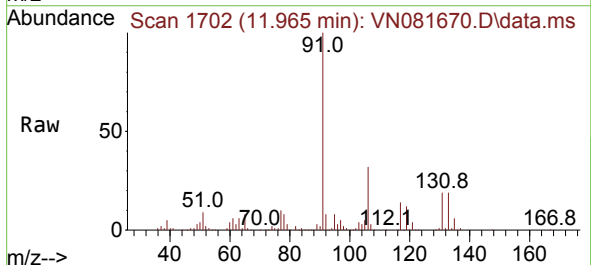
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

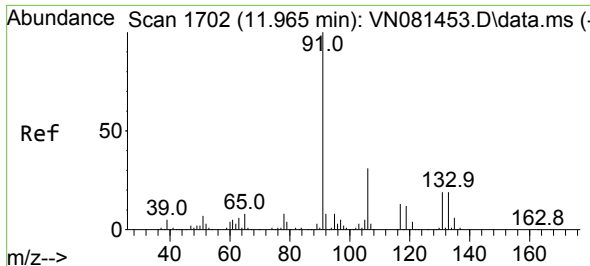
Tgt Ion:112 Resp: 287920
Ion Ratio Lower Upper
112 100
114 31.8 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.784 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion:131 Resp: 98785
Ion Ratio Lower Upper
131 100
133 96.9 46.8 140.3
119 66.2 34.6 103.9

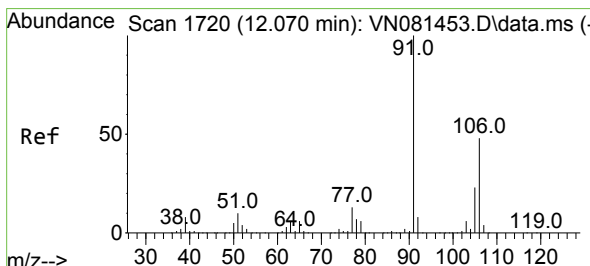
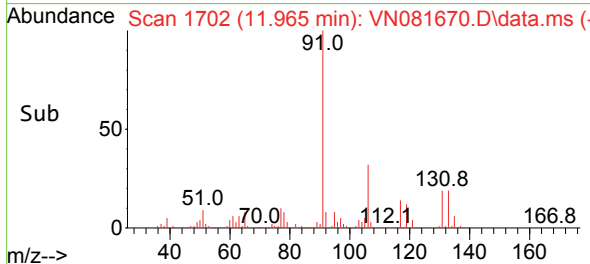
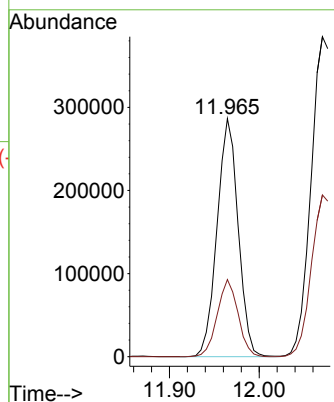
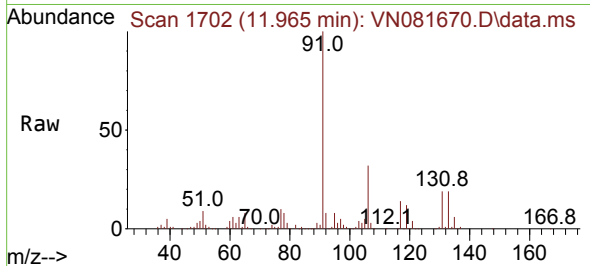




#67
Ethyl Benzene
Concen: 20.985 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

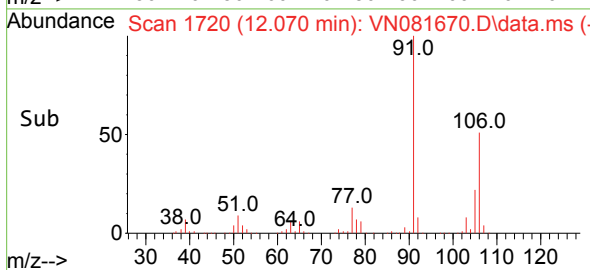
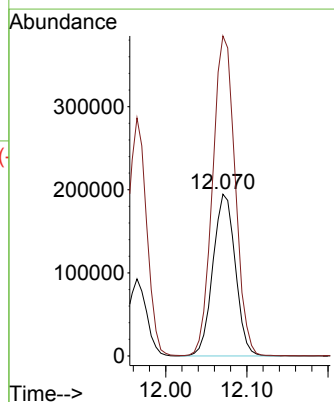
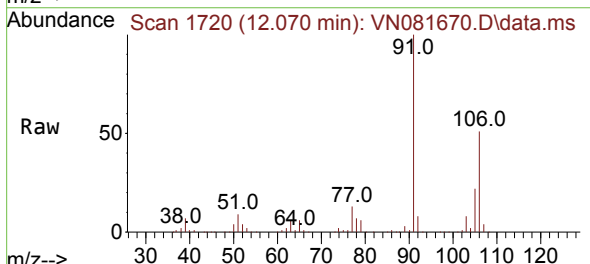
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

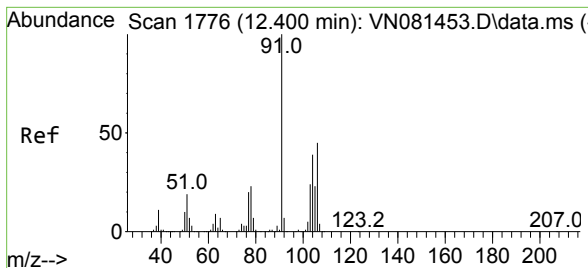
Tgt Ion: 91 Resp: 467470
Ion Ratio Lower Upper
91 100
106 32.4 23.8 35.6



#68
m/p-Xylenes
Concen: 44.728 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 106 Resp: 373531
Ion Ratio Lower Upper
106 100
91 199.2 169.0 253.6

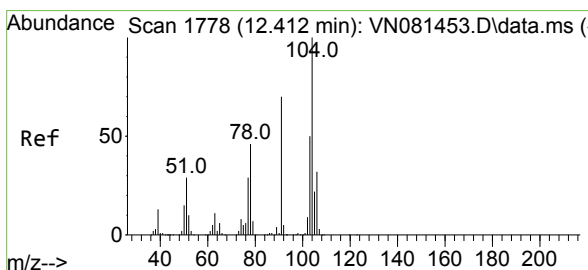
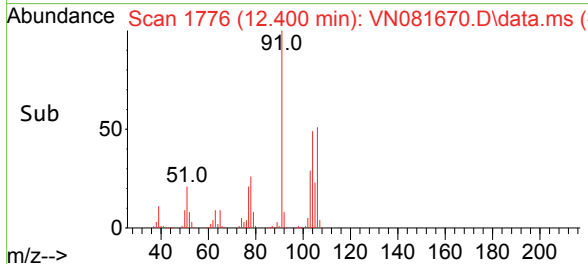
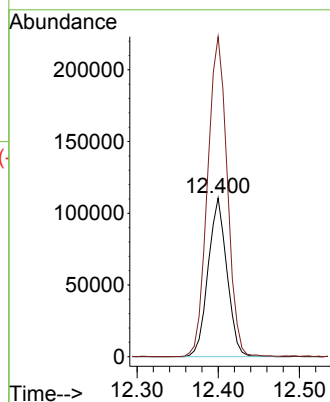
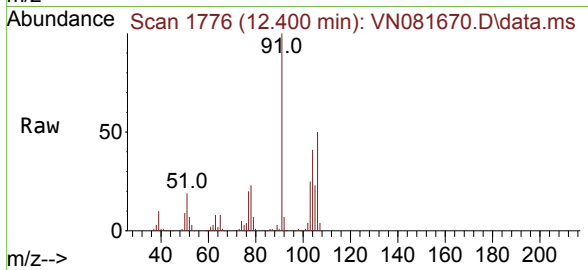




#69
o-Xylene
Concen: 21.685 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

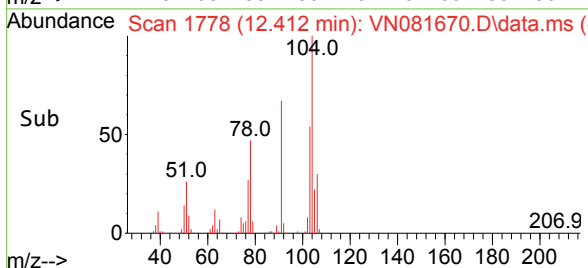
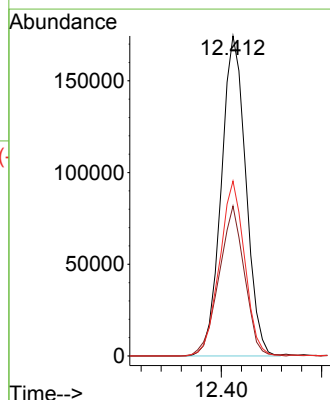
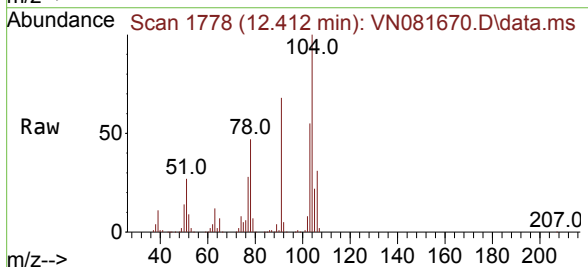
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

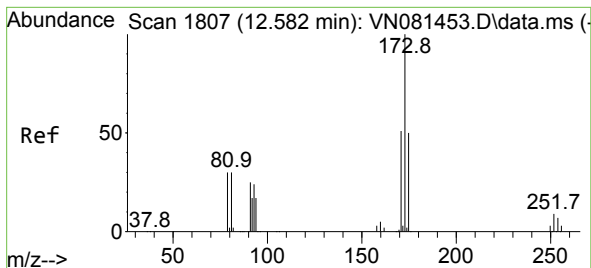
Tgt Ion:106 Resp: 177781
Ion Ratio Lower Upper
106 100
91 211.6 112.1 336.3



#70
Styrene
Concen: 22.420 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion:104 Resp: 296458
Ion Ratio Lower Upper
104 100
78 48.3 43.8 65.8
103 56.0 44.2 66.2





#71

Bromoform

Concen: 21.675 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081670.D

Acq: 08 Apr 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBSD01

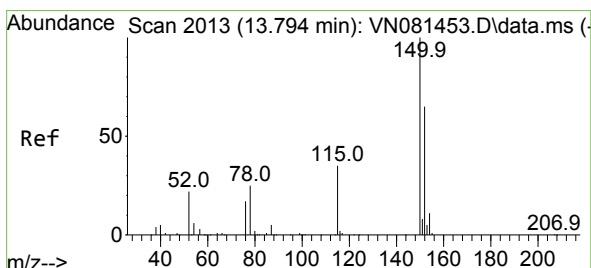
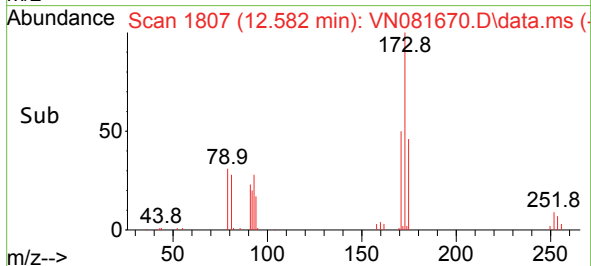
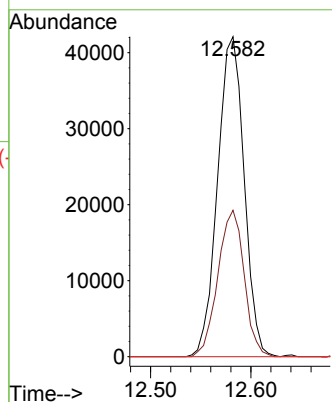
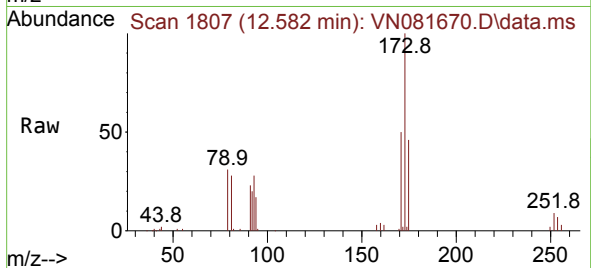
Tgt Ion:173 Resp: 77417

Ion Ratio Lower Upper

173 100

175 45.3 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: VN081670.D

Acq: 08 Apr 2024 12:19

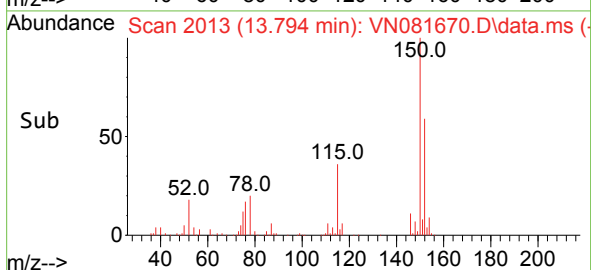
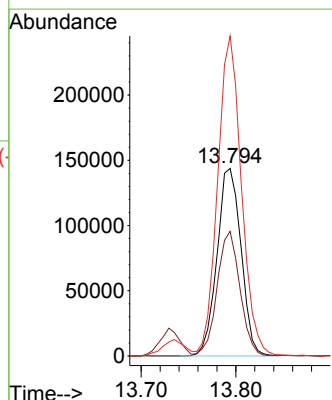
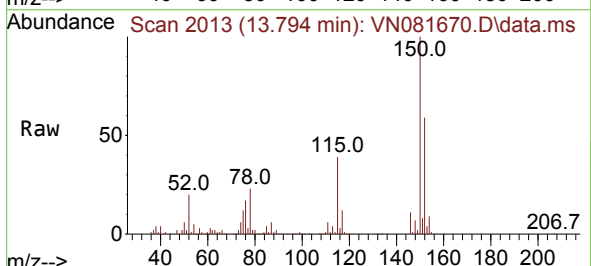
Tgt Ion:152 Resp: 253749

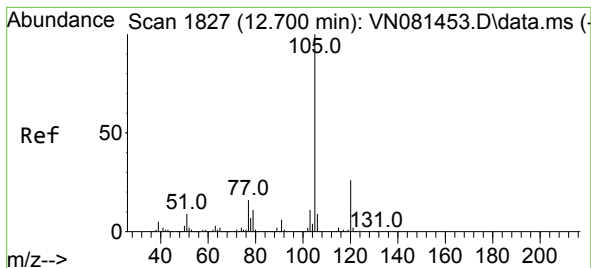
Ion Ratio Lower Upper

152 100

115 62.6 32.3 96.8

150 168.1 0.0 339.8





#73

Isopropylbenzene

Concen: 21.113 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081670.D

Acq: 08 Apr 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

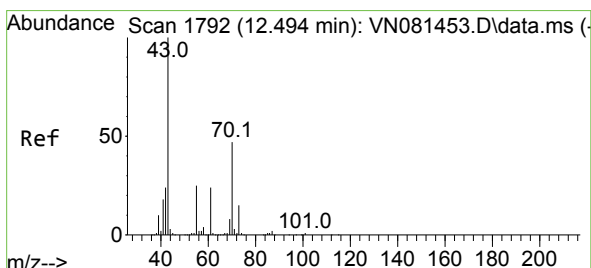
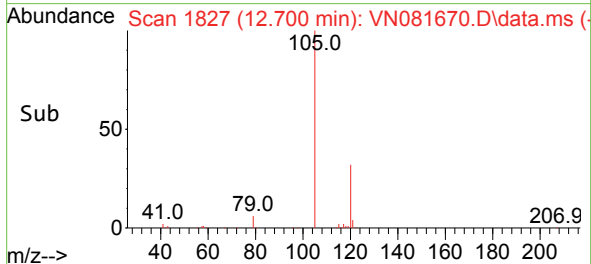
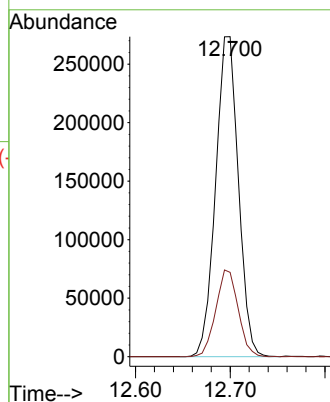
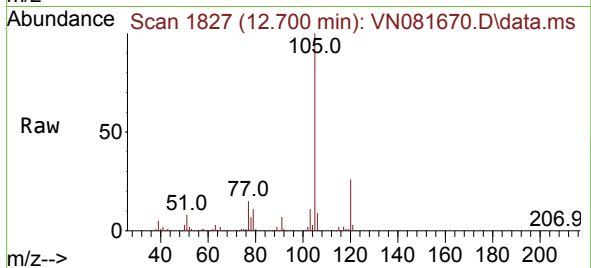
VN0408WBSD01

Tgt Ion:105 Resp: 456667

Ion Ratio Lower Upper

105 100

120 26.6 12.6 37.6



#74

N-ethyl acetate

Concen: 19.393 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081670.D

Acq: 08 Apr 2024 12:19

Tgt Ion: 43 Resp: 151802

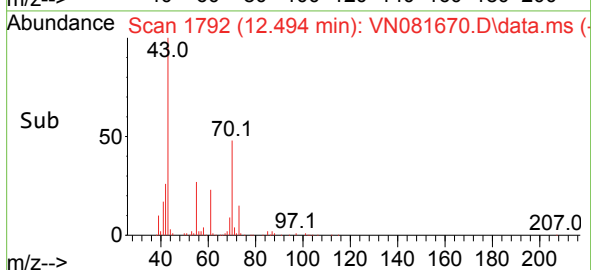
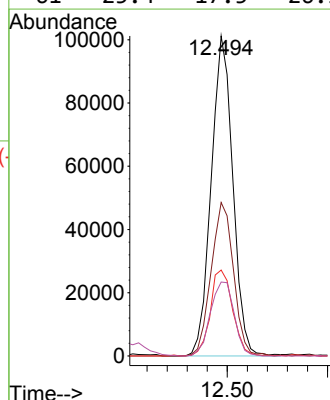
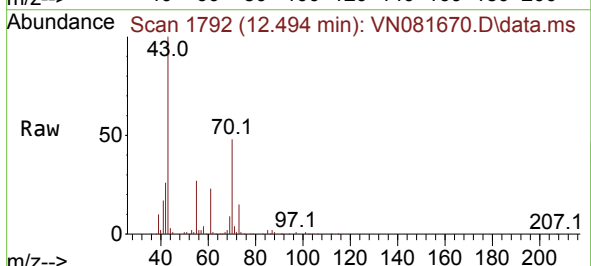
Ion Ratio Lower Upper

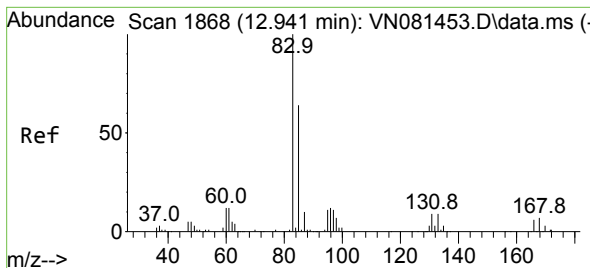
43 100

70 49.6 30.1 45.1#

55 27.9 17.0 25.4#

61 25.4 17.5 26.3

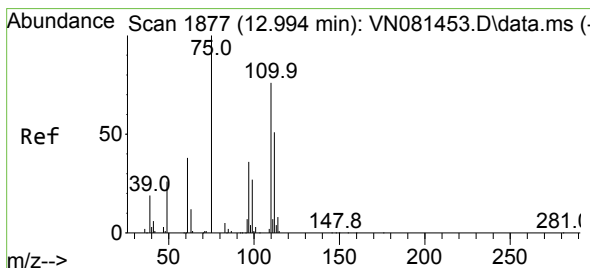
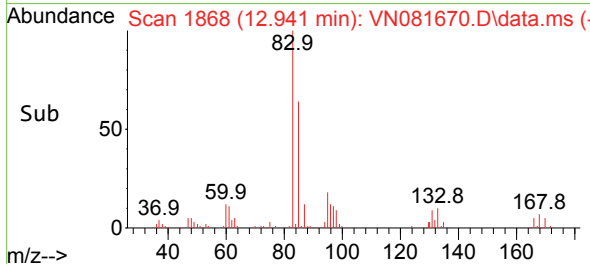
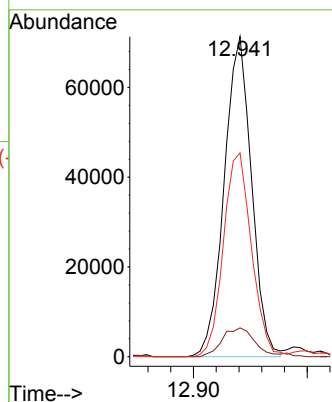
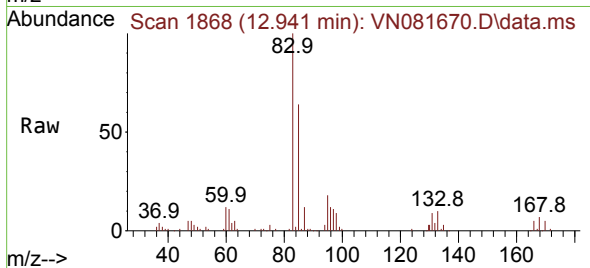




#75
1,1,2,2-Tetrachloroethane
Concen: 18.742 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

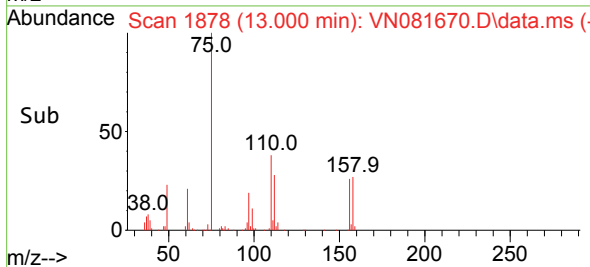
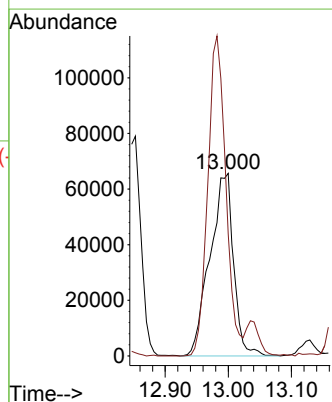
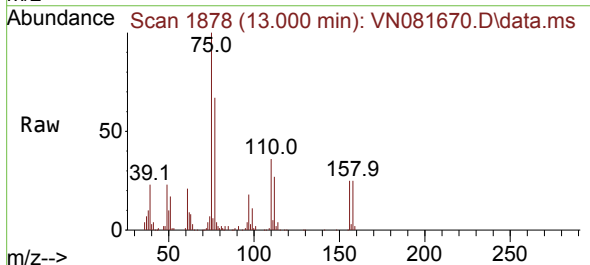
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

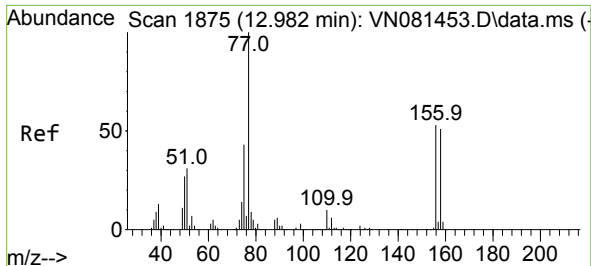
Tgt Ion: 83 Resp: 119191
Ion Ratio Lower Upper
83 100
131 11.1 4.1 12.3
85 65.5 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 28.104 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 75 Resp: 170583
Ion Ratio Lower Upper
75 100
77 134.3 91.0 272.8

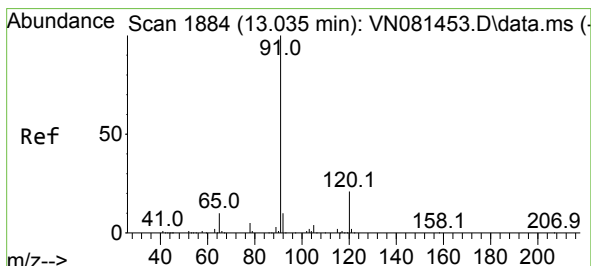
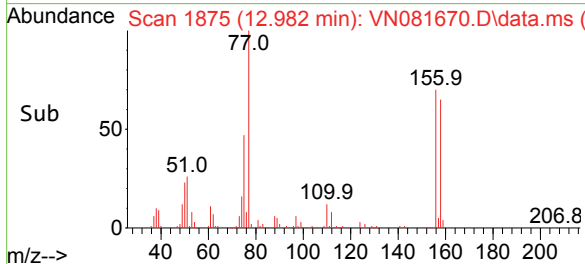
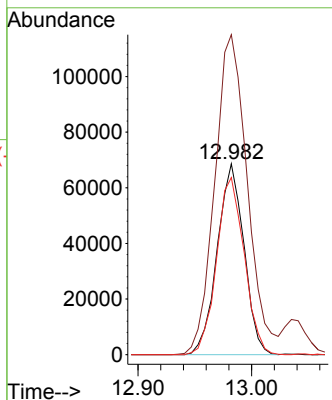
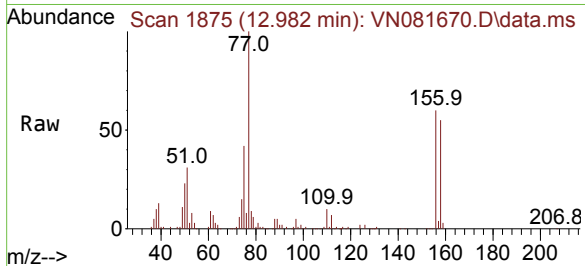




#77
Bromobenzene
Concen: 21.022 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

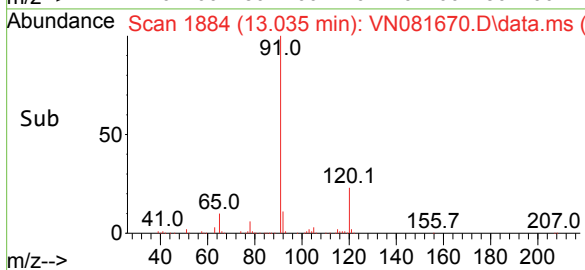
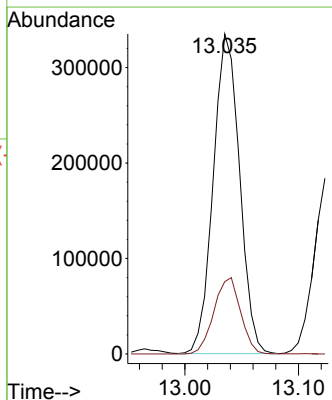
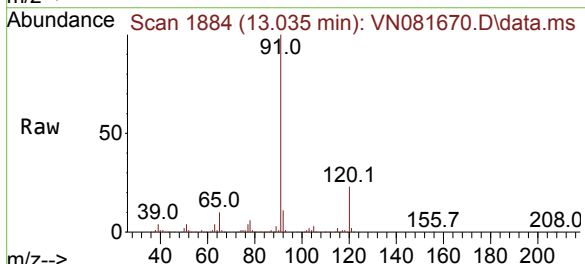
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

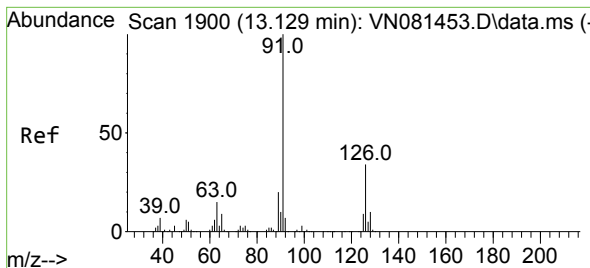
Tgt Ion:156 Resp: 112322
Ion Ratio Lower Upper
156 100
77 204.0 138.1 414.3
158 96.0 46.5 139.5



#78
n-propylbenzene
Concen: 21.114 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 91 Resp: 539332
Ion Ratio Lower Upper
91 100
120 24.1 10.3 30.9





#79

2-Chlorotoluene

Concen: 20.961 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081670.D

Acq: 08 Apr 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

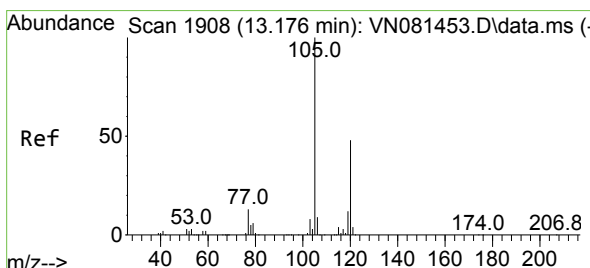
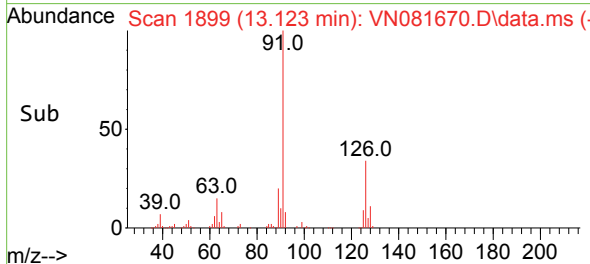
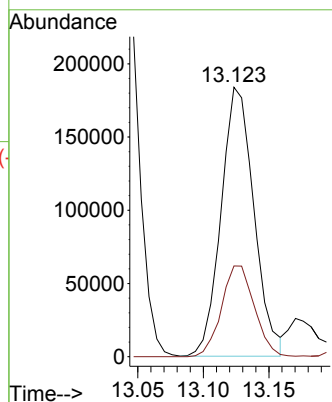
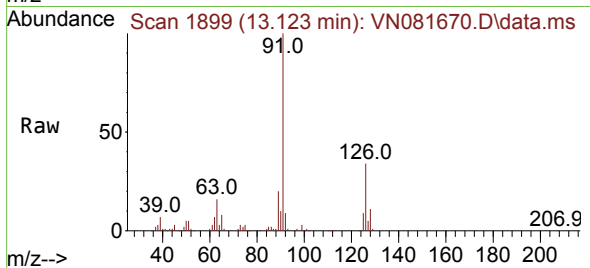
VN0408WBSD01

Tgt Ion: 91 Resp: 320455

Ion Ratio Lower Upper

91 100

126 33.8 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 21.794 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081670.D

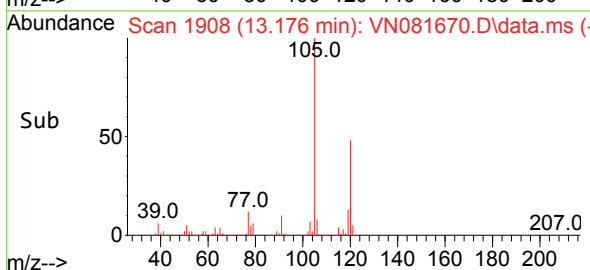
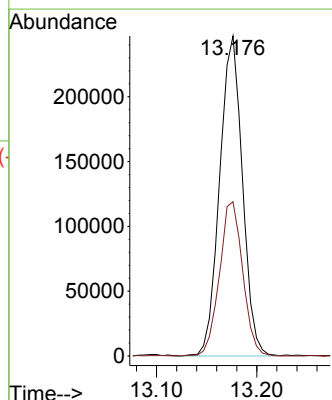
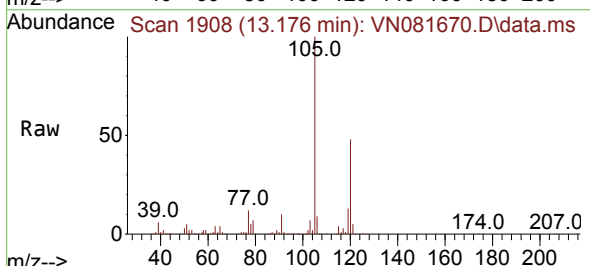
Acq: 08 Apr 2024 12:19

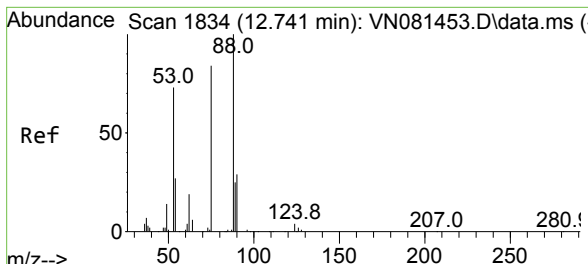
Tgt Ion: 105 Resp: 389351

Ion Ratio Lower Upper

105 100

120 49.2 23.0 69.0

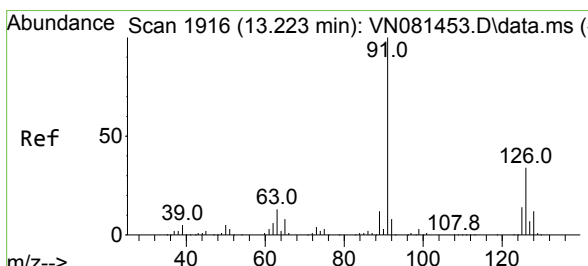
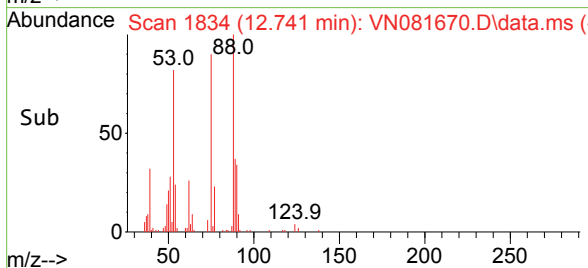
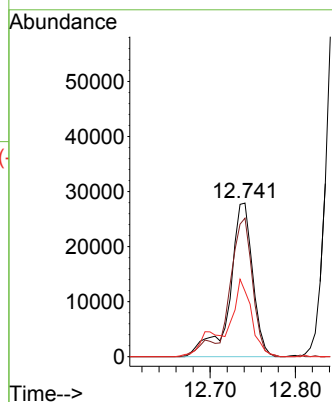
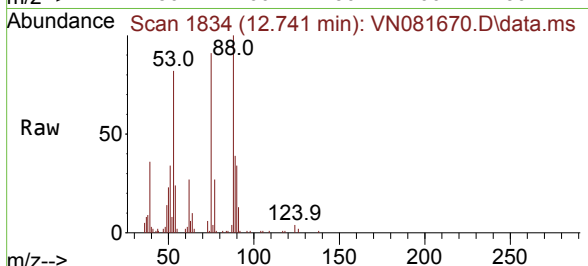




#81
trans-1,4-Dichloro-2-butene
Concen: 23.286 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

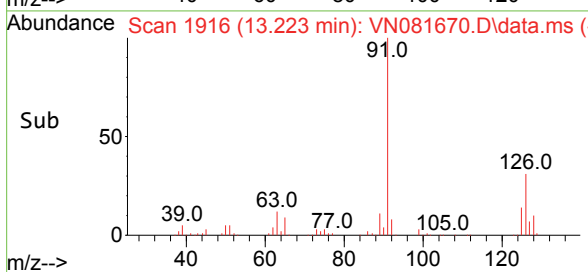
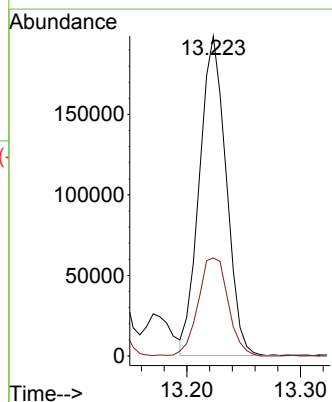
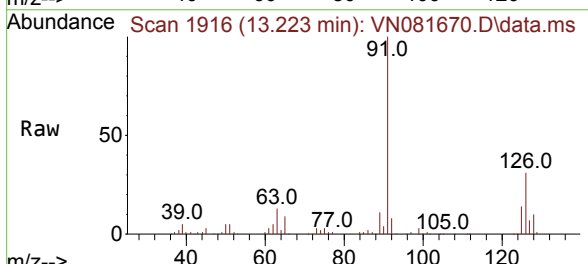
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

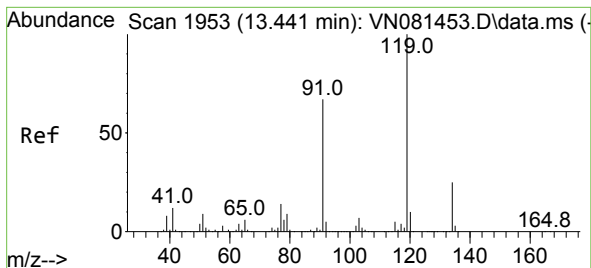
Tgt Ion: 75 Resp: 52303
Ion Ratio Lower Upper
75 100
53 83.6 71.4 107.2
89 39.5 33.4 50.0



#82
4-Chlorotoluene
Concen: 21.488 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 91 Resp: 323888
Ion Ratio Lower Upper
91 100
126 34.5 15.3 45.9





#83

tert-Butylbenzene

Concen: 21.322 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081670.D

Acq: 08 Apr 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBSD01

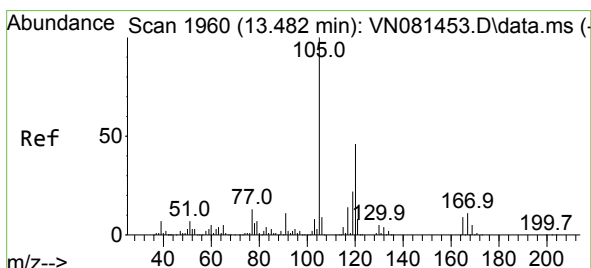
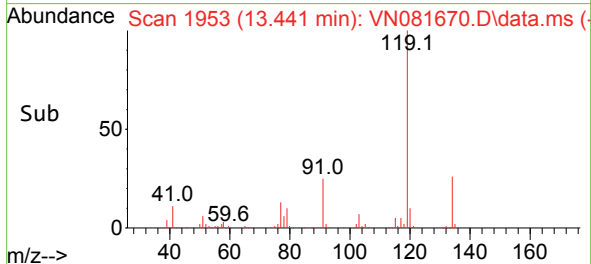
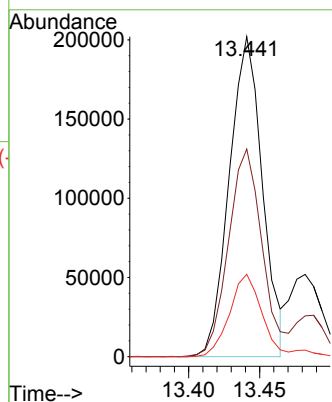
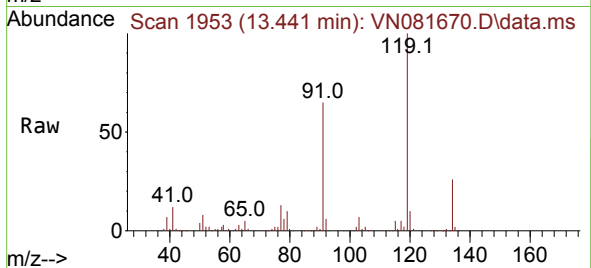
Tgt Ion:119 Resp: 328481

Ion Ratio Lower Upper

119 100

91 66.8 36.8 110.4

134 24.9 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 21.346 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN081670.D

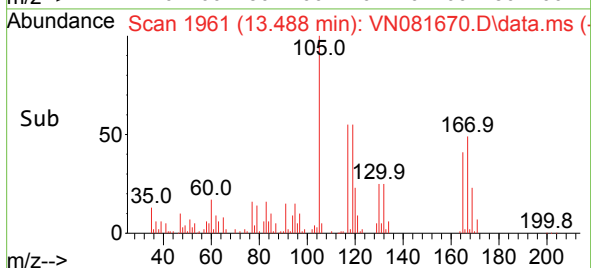
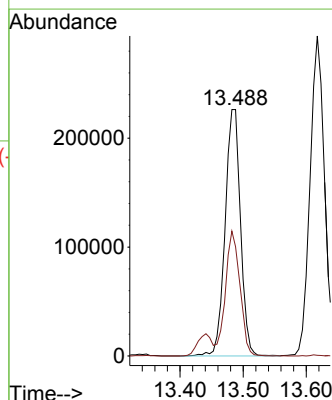
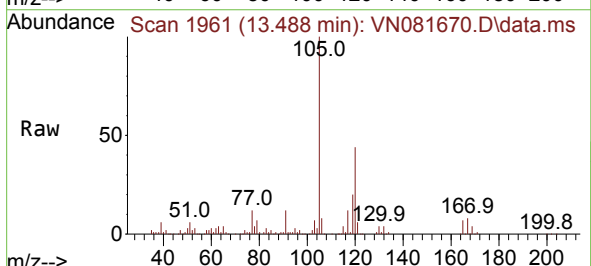
Acq: 08 Apr 2024 12:19

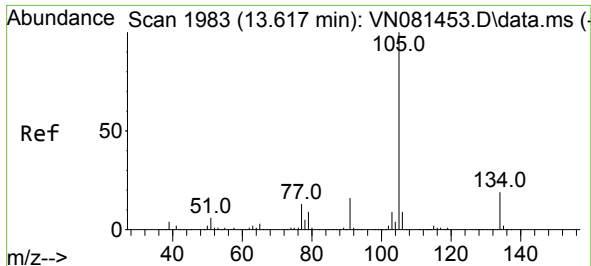
Tgt Ion:105 Resp: 383276

Ion Ratio Lower Upper

105 100

120 47.9 20.9 62.7

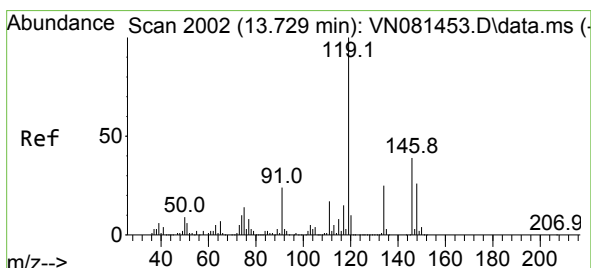
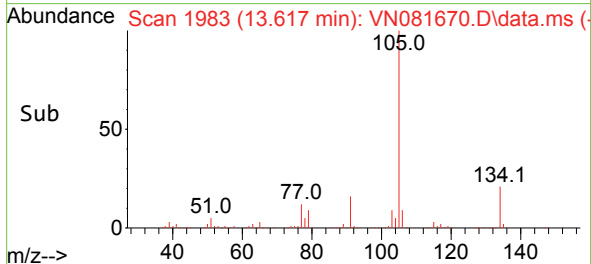
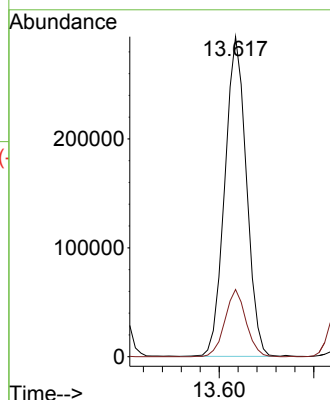
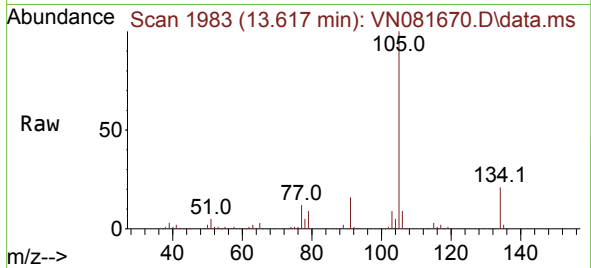




#85
 sec-Butylbenzene
 Concen: 21.102 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081670.D
 Acq: 08 Apr 2024 12:19

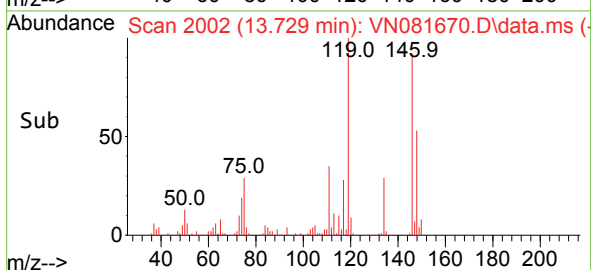
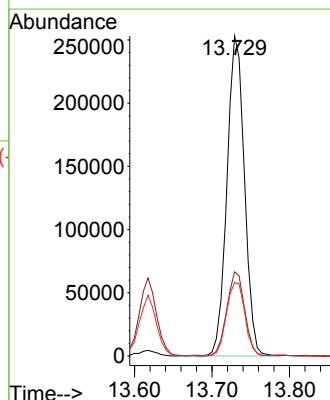
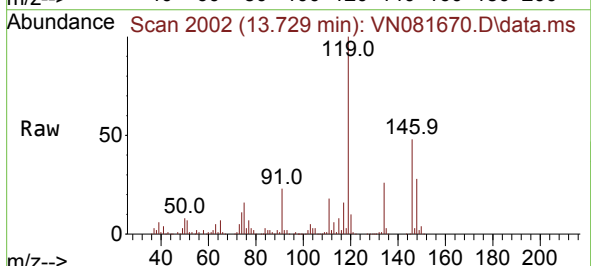
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBSD01

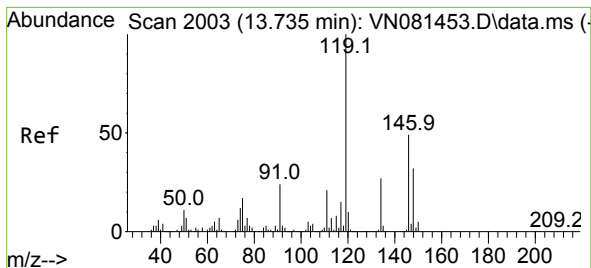
Tgt Ion:105 Resp: 464737
 Ion Ratio Lower Upper
 105 100
 134 20.6 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 22.148 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081670.D
 Acq: 08 Apr 2024 12:19

Tgt Ion:119 Resp: 398721
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.4 37.2
 91 24.3 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 21.933 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081670.D

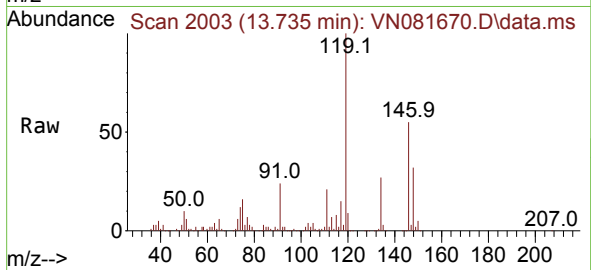
Acq: 08 Apr 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBSD01



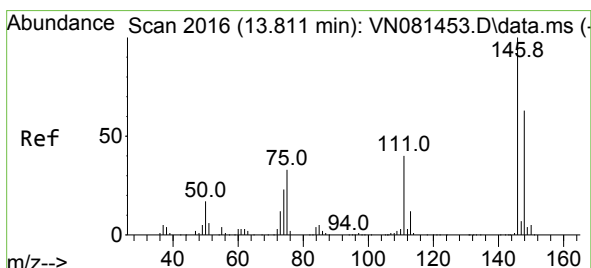
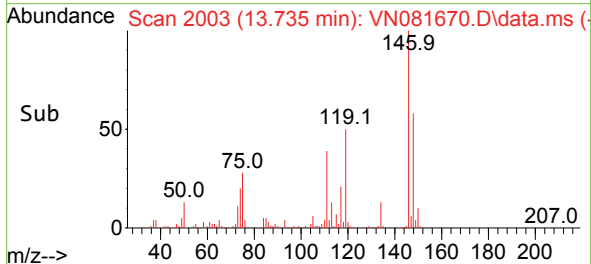
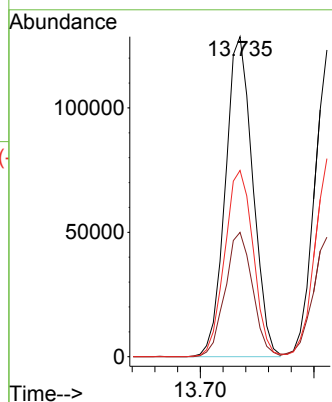
Tgt Ion:146 Resp: 215317

Ion Ratio Lower Upper

146 100

111 38.8 23.9 71.7

148 60.8 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 20.832 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN081670.D

Acq: 08 Apr 2024 12:19

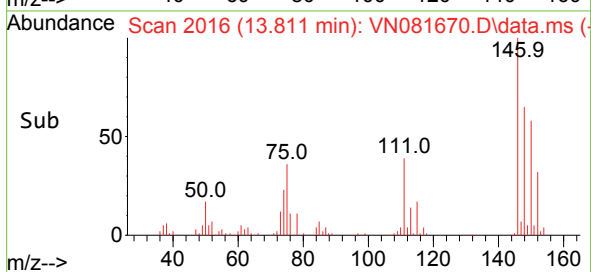
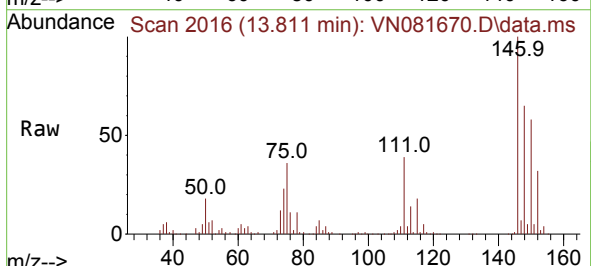
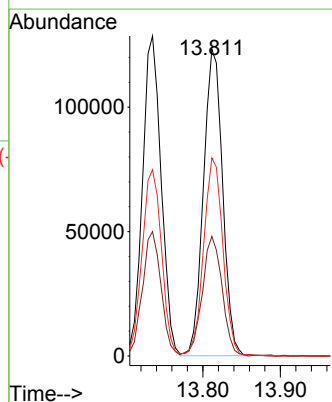
Tgt Ion:146 Resp: 211754

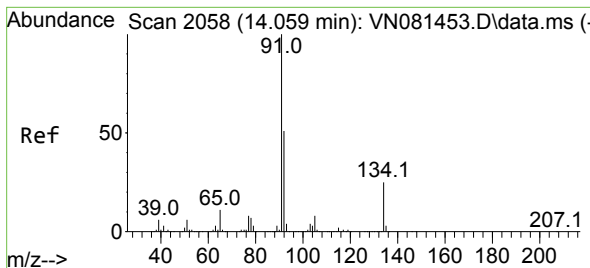
Ion Ratio Lower Upper

146 100

111 40.1 22.6 67.7

148 65.1 31.9 95.5

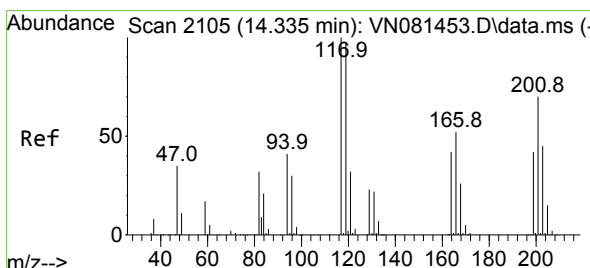
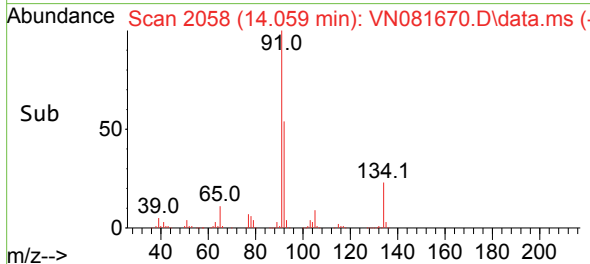
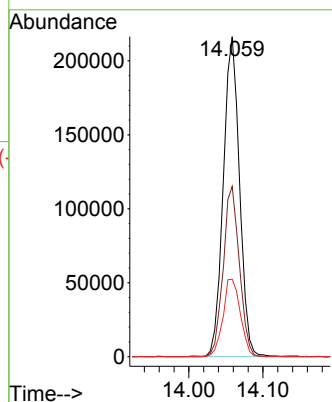
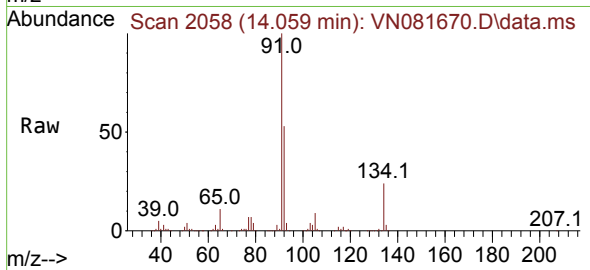




#89
n-Butylbenzene
Concen: 20.597 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

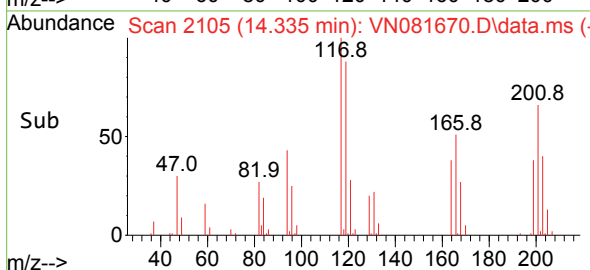
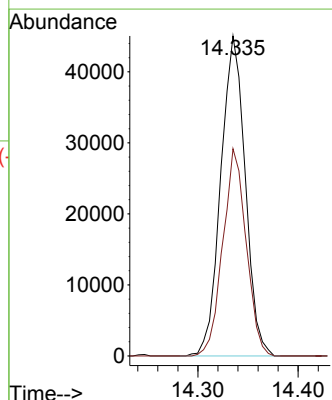
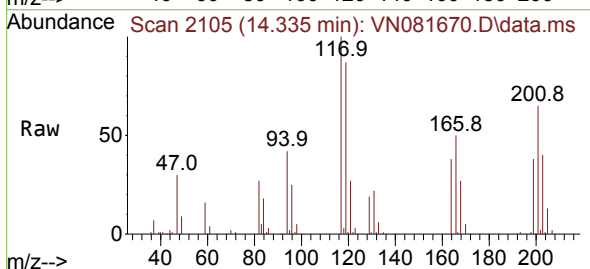
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

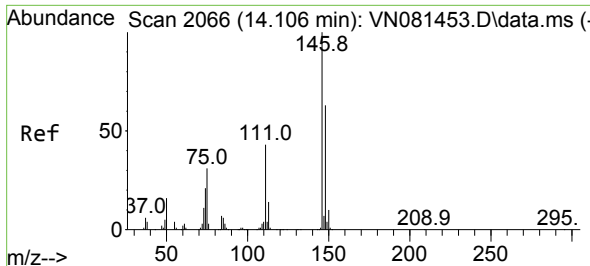
Tgt Ion: 91 Resp: 328804
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.1
134 26.0 10.8 32.4



#90
Hexachloroethane
Concen: 22.369 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 117 Resp: 76264
Ion Ratio Lower Upper
117 100
201 61.8 30.0 90.0

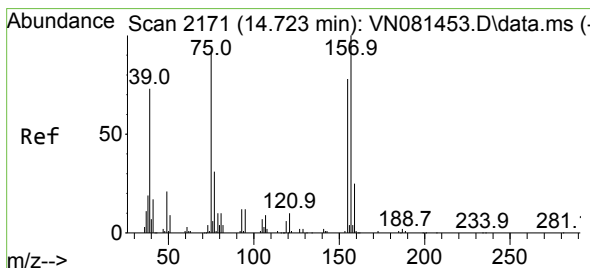
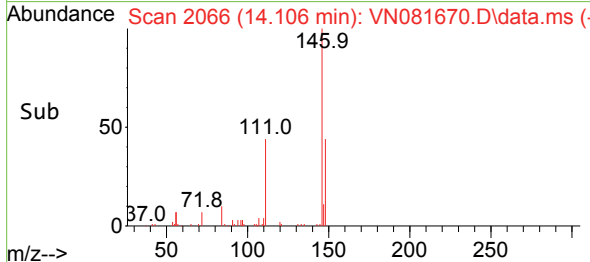
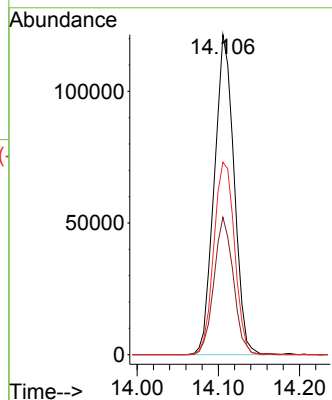
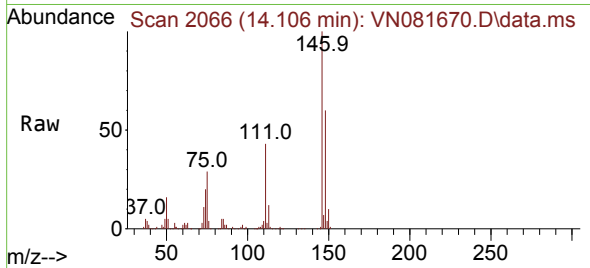




#91
1,2-Dichlorobenzene
Concen: 21.814 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

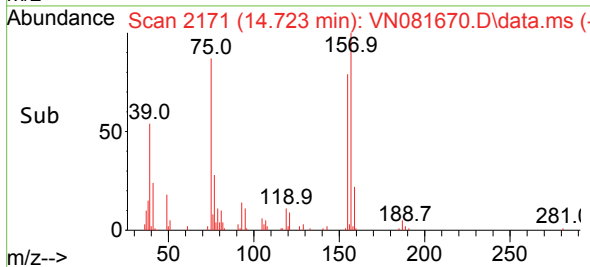
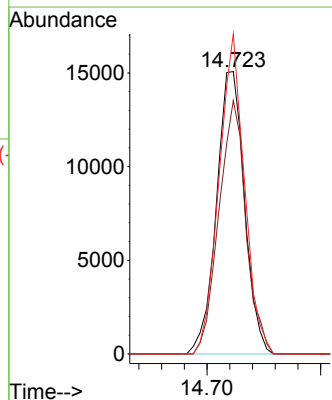
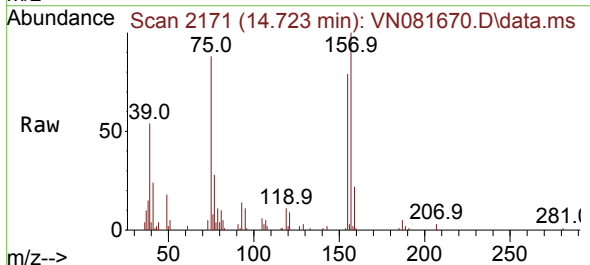
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

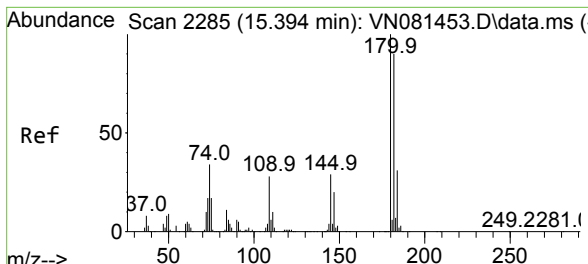
Tgt Ion:146 Resp: 206117
Ion Ratio Lower Upper
146 100
111 42.1 23.9 71.8
148 62.9 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.113 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion: 75 Resp: 25868
Ion Ratio Lower Upper
75 100
155 85.9 31.8 95.4
157 102.6 41.1 123.4

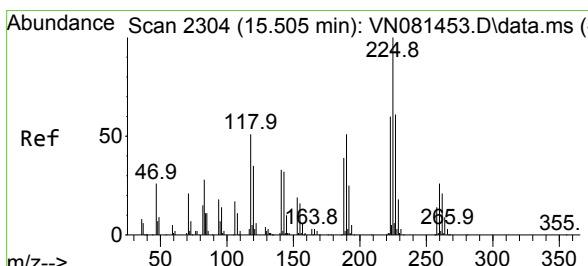
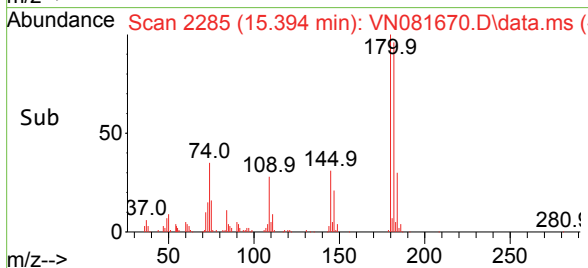
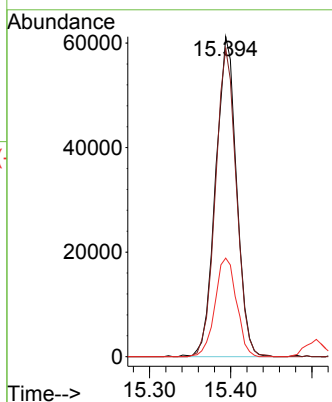
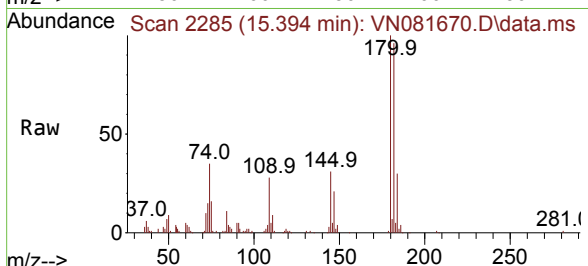




#93
 1,2,4-Trichlorobenzene
 Concen: 20.094 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081670.D
 Acq: 08 Apr 2024 12:19

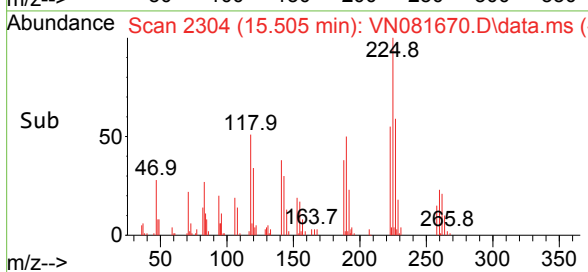
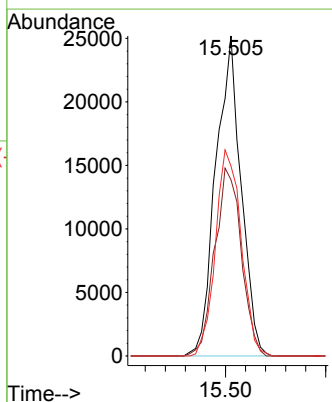
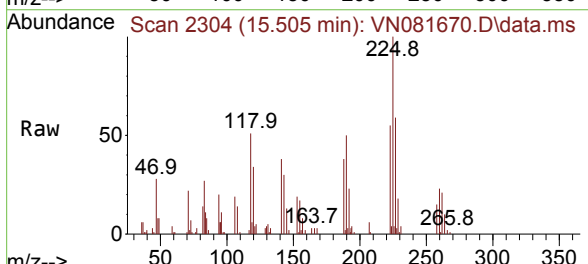
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBSD01

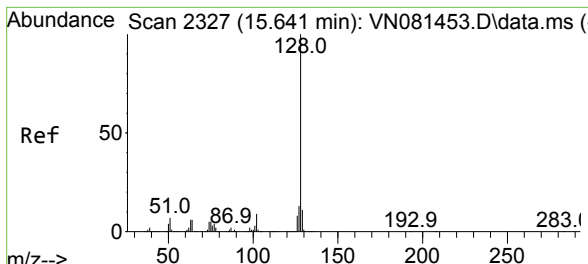
Tgt Ion:	180	Resp:	109779
Ion Ratio	Lower	Upper	
180	100		
182	96.2	46.6	139.7
145	31.6	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 18.308 ug/l
 RT: 15.505 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN081670.D
 Acq: 08 Apr 2024 12:19

Tgt Ion:	225	Resp:	43887
Ion Ratio	Lower	Upper	
225	100		
223	61.7	33.3	99.8
227	65.7	33.1	99.2

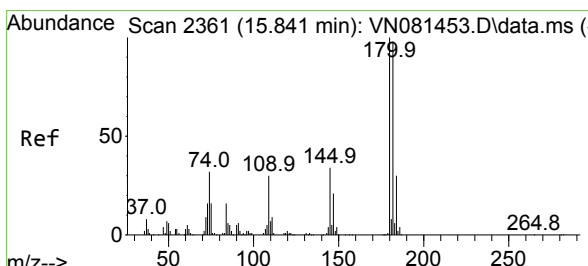
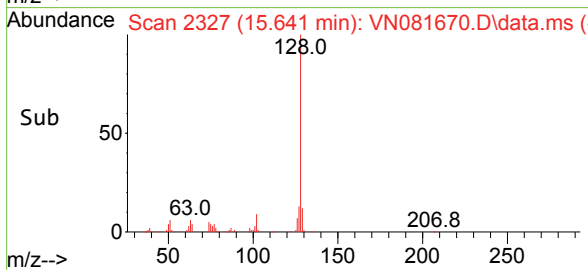
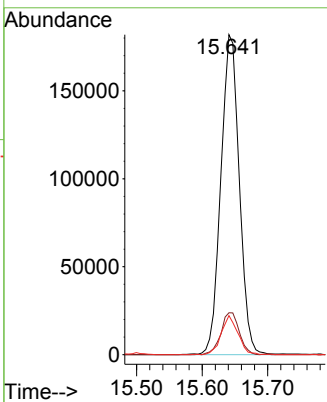
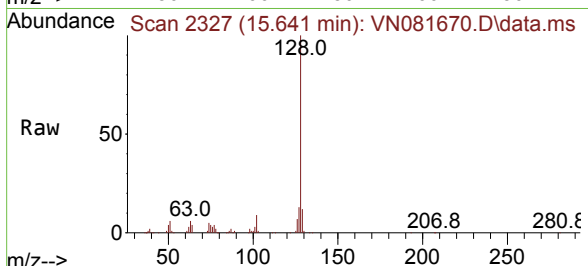




#95
Naphthalene
Concen: 20.043 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

Tgt Ion:	128	Resp:	354827
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.0	15.0
129	11.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.307 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN081670.D
Acq: 08 Apr 2024 12:19

Tgt Ion:	180	Resp:	111597
Ion Ratio	Lower	Upper	
180	100		
182	94.2	46.5	139.3
145	35.4	17.8	53.4

