

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040324\
 Data File : VN081662.D
 Acq On : 03 Apr 2024 17:33
 Operator : JC\MD
 Sample : VN0403MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403MBS01

Quant Time: Apr 04 06:32:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	371102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	643886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	578278	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	267789	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	258014	54.519	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.040%	
35) Dibromofluoromethane	8.165	113	232291	57.164	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.320%	
50) Toluene-d8	10.565	98	799525	54.429	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.860%	
62) 4-Bromofluorobenzene	12.847	95	294652	56.927	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 113.860%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	81375	16.285	ug/l	99
3) Chloromethane	2.365	50	76918	15.461	ug/l	96
4) Vinyl Chloride	2.518	62	87131	15.605	ug/l	96
5) Bromomethane	2.965	94	63410	16.059	ug/l	92
6) Chloroethane	3.124	64	63338	16.522	ug/l	100
7) Trichlorofluoromethane	3.501	101	159285	19.142	ug/l	93
8) Diethyl Ether	3.965	74	57196	20.769	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.371	101	93436	19.762	ug/l	# 87
10) Methyl Iodide	4.589	142	96041	20.397	ug/l	98
11) Tert butyl alcohol	5.506	59	77894	94.448	ug/l	99
12) 1,1-Dichloroethene	4.348	96	82639	18.869	ug/l	81
13) Acrolein	4.177	56	57762	78.052	ug/l	94
14) Allyl chloride	5.018	41	102776	18.728	ug/l	# 86
15) Acrylonitrile	5.712	53	209495	94.950	ug/l	98
16) Acetone	4.424	43	142828	93.386	ug/l	97
17) Carbon Disulfide	4.718	76	177129	14.094	ug/l	97
18) Methyl Acetate	5.024	43	111421	23.630	ug/l	# 85
19) Methyl tert-butyl Ether	5.795	73	302176	22.046	ug/l	96
20) Methylene Chloride	5.277	84	101656	20.291	ug/l	# 82
21) trans-1,2-Dichloroethene	5.789	96	90832	18.601	ug/l	84
22) Diisopropyl ether	6.671	45	269295	21.119	ug/l	# 90
23) Vinyl Acetate	6.600	43	997381	98.266	ug/l	# 89
24) 1,1-Dichloroethane	6.571	63	169917	19.895	ug/l	# 96
25) 2-Butanone	7.477	43	256581	97.808	ug/l	# 85
26) 2,2-Dichloropropane	7.494	77	157632	21.280	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	116558	21.096	ug/l	80
28) Bromochloromethane	7.818	49	68474	19.684	ug/l	# 44
29) Tetrahydrofuran	7.836	42	172104	97.386	ug/l	# 75
30) Chloroform	7.965	83	191556	20.951	ug/l	96
31) Cyclohexane	8.259	56	132657	17.226	ug/l	# 80
32) 1,1,1-Trichloroethane	8.165	97	172423	20.786	ug/l	93
36) 1,1-Dichloropropene	8.371	75	127819	18.691	ug/l	94
37) Ethyl Acetate	7.553	43	105684	18.048	ug/l	# 95
38) Carbon Tetrachloride	8.365	117	150139	20.042	ug/l	97
39) Methylcyclohexane	9.600	83	139686	18.291	ug/l	86
40) Benzene	8.606	78	394564	19.735	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	59927	19.351	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	132920	18.892	ug/l	96
43) Isopropyl Acetate	8.689	43	188493	19.419	ug/l #	90
44) Trichloroethene	9.353	130	116215	20.668	ug/l	89
45) 1,2-Dichloropropane	9.618	63	100164	20.672	ug/l	100
46) Dibromomethane	9.712	93	75186	20.433	ug/l #	85
47) Bromodichloromethane	9.888	83	147963	20.567	ug/l #	99
48) Methyl methacrylate	9.683	41	86510	19.323	ug/l #	86
49) 1,4-Dioxane	9.688	88	40797	379.184	ug/l #	79
51) 4-Methyl-2-Pentanone	10.441	43	576731	97.373	ug/l	90
52) Toluene	10.630	92	254482	20.026	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	156433	20.137	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	167293	20.085	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	106631	20.851	ug/l	95
56) Ethyl methacrylate	10.871	69	143131	20.351	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	174132	20.771	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	332495	103.329	ug/l #	83
59) 2-Hexanone	11.194	43	423637	96.741	ug/l	88
60) Dibromochloromethane	11.359	129	119667	21.277	ug/l	98
61) 1,2-Dibromoethane	11.471	107	106499	20.426	ug/l	95
64) Tetrachloroethene	11.100	164	116809	21.132	ug/l	87
65) Chlorobenzene	11.894	112	286963	20.991	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	109600	21.632	ug/l	96
67) Ethyl Benzene	11.965	91	491573	20.701	ug/l	95
68) m/p-Xylenes	12.071	106	383357	43.063	ug/l	92
69) o-Xylene	12.400	106	190830	21.835	ug/l	91
70) Styrene	12.412	104	305476	21.672	ug/l	95
71) Bromoform	12.576	173	80839	21.232	ug/l #	96
73) Isopropylbenzene	12.694	105	494616	21.668	ug/l	97
74) N-amyl acetate	12.494	43	158661	19.207	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	132331	19.717	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	182788	28.535	ug/l	63
77) Bromobenzene	12.982	156	117617	20.859	ug/l	69
78) n-propylbenzene	13.035	91	566759	21.025	ug/l	95
79) 2-Chlorotoluene	13.124	91	343273	21.276	ug/l	91
80) 1,3,5-Trimethylbenzene	13.171	105	413750	21.945	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.735	75	52884	22.310	ug/l	95
82) 4-Chlorotoluene	13.224	91	330531	20.779	ug/l	92
83) tert-Butylbenzene	13.441	119	366809	22.562	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	414618	21.880	ug/l	93
85) sec-Butylbenzene	13.618	105	507811	21.849	ug/l	93
86) p-Isopropyltoluene	13.729	119	422356	22.231	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	222248	21.452	ug/l	93
88) 1,4-Dichlorobenzene	13.812	146	217347	20.261	ug/l	96
89) n-Butylbenzene	14.059	91	361773	21.474	ug/l	96
90) Hexachloroethane	14.335	117	75292	20.926	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	211362	21.196	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.718	75	28324	19.831	ug/l	63
93) 1,2,4-Trichlorobenzene	15.394	180	120848	20.960	ug/l	99
94) Hexachlorobutadiene	15.500	225	50274	19.873	ug/l	93
95) Naphthalene	15.641	128	427899	22.904	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	125137	21.577	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

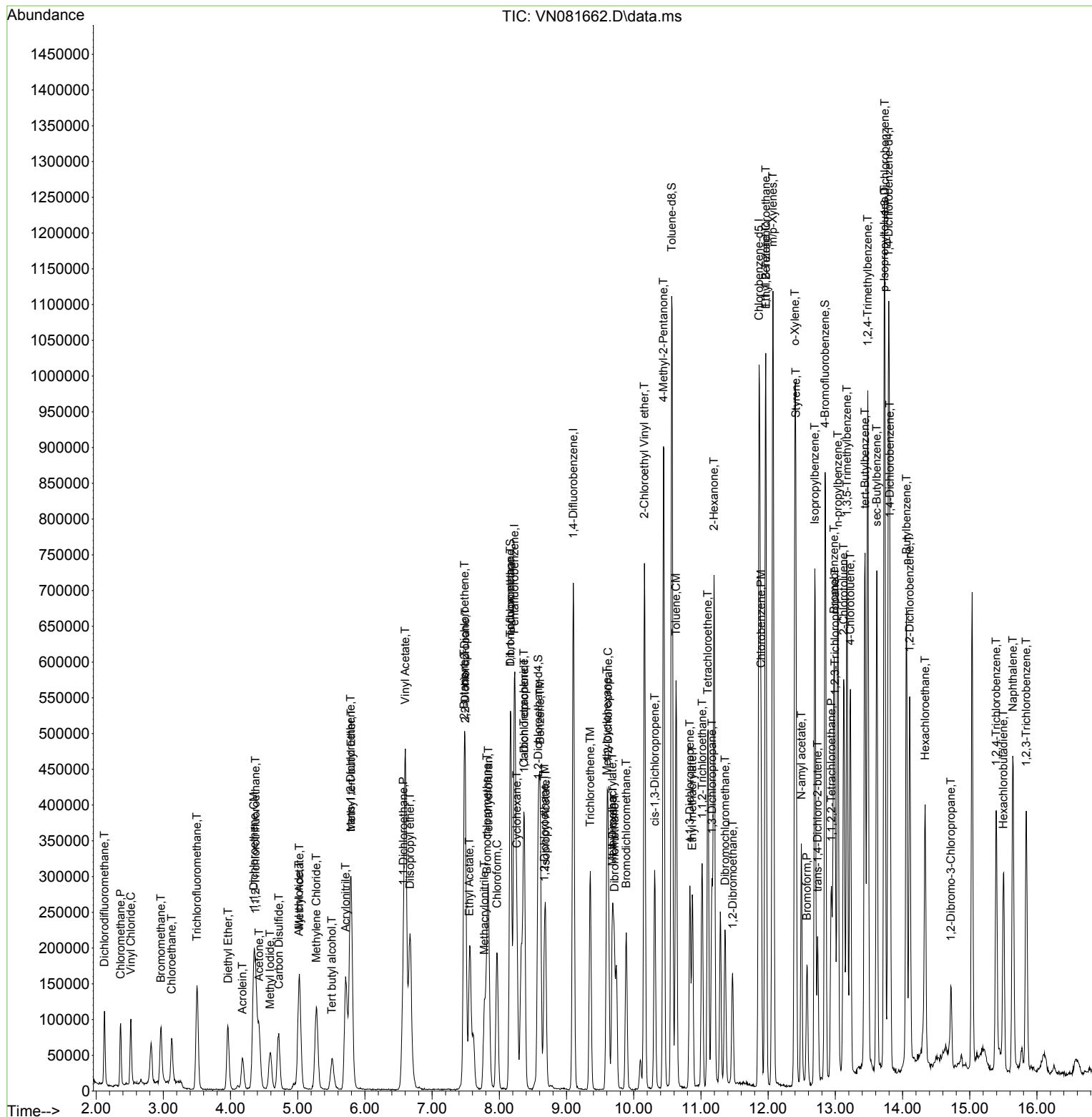
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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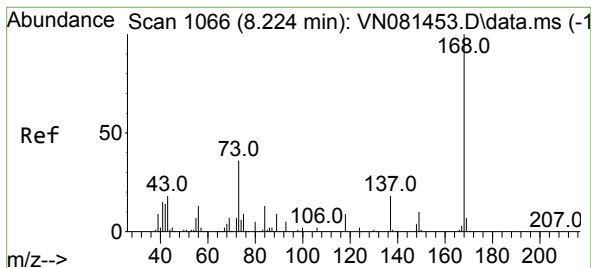
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

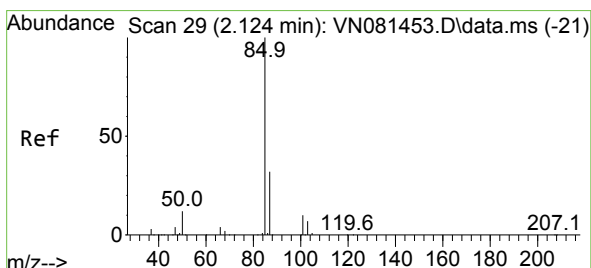
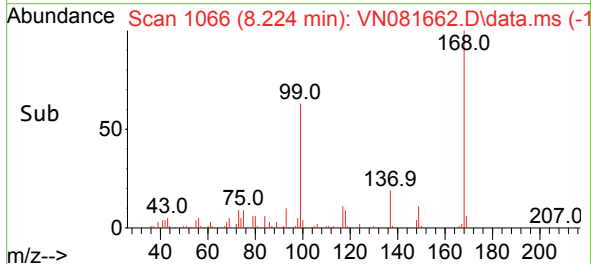
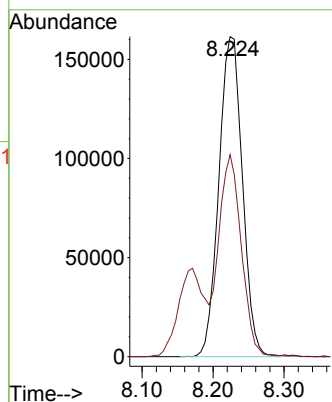
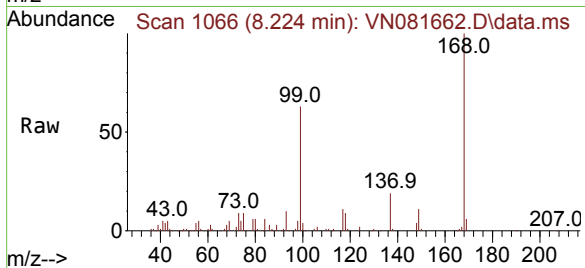
VN0403MBS01

Tgt Ion:168 Resp: 371102

Ion Ratio Lower Upper

168 100

99 62.8 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 16.285 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081662.D

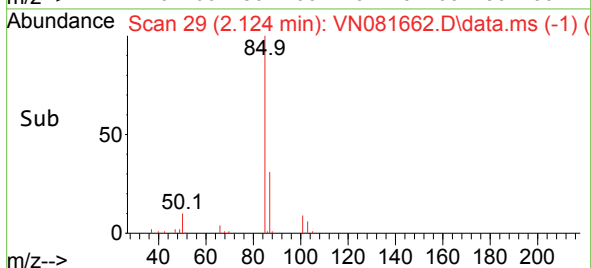
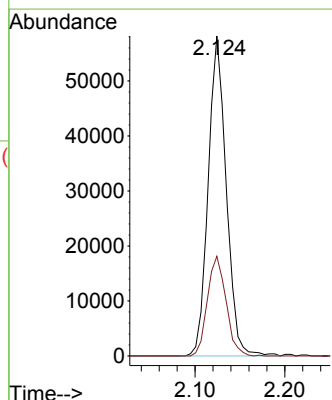
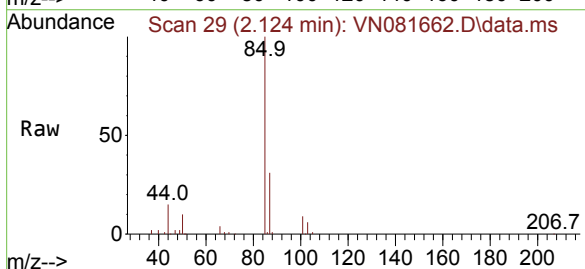
Acq: 03 Apr 2024 17:33

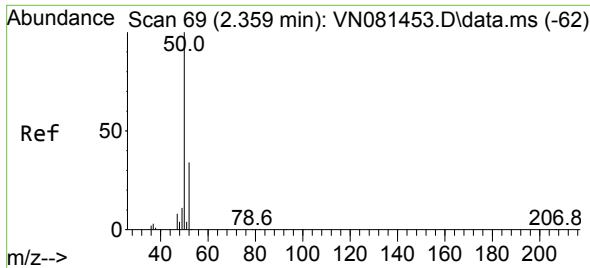
Tgt Ion: 85 Resp: 81375

Ion Ratio Lower Upper

85 100

87 31.2 15.3 45.9

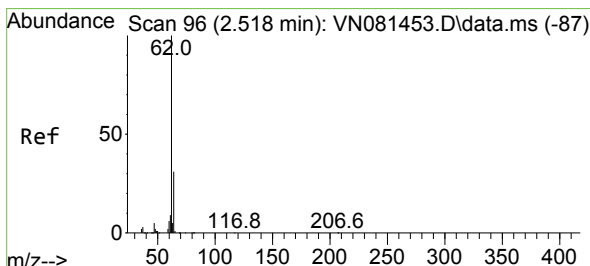
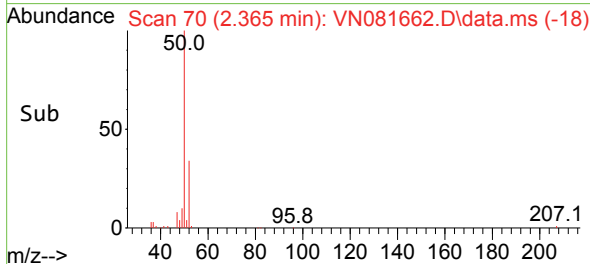
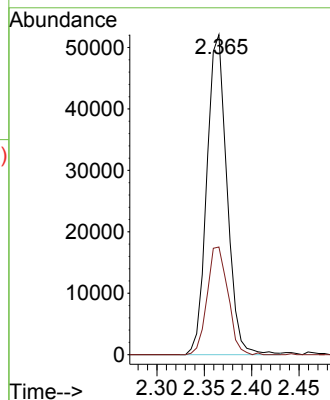
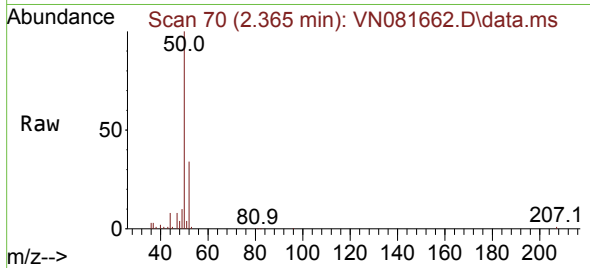




#3
Chloromethane
Concen: 15.461 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

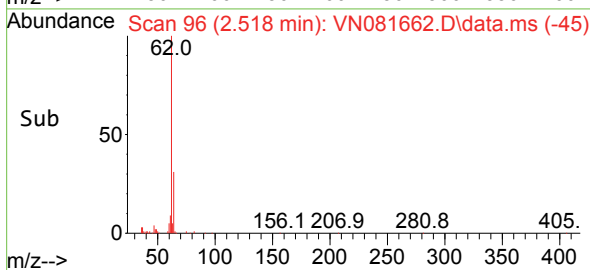
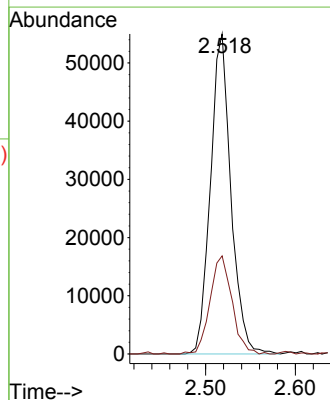
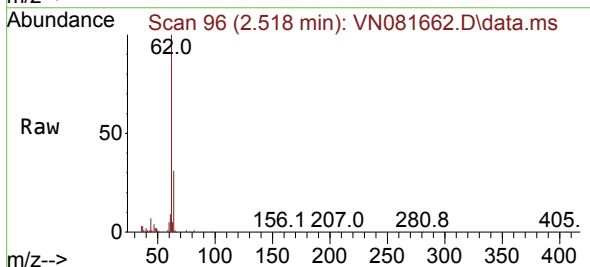
Instrument :
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ClientSampleId :
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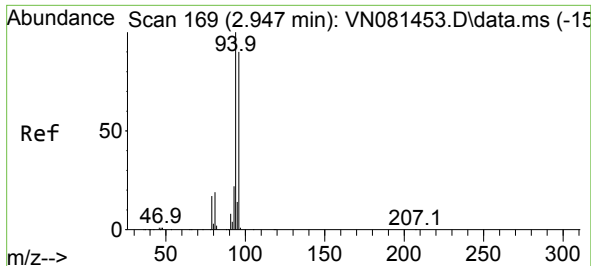
Tgt Ion: 50 Resp: 76918
Ion Ratio Lower Upper
50 100
52 33.6 25.0 37.4



#4
Vinyl Chloride
Concen: 15.605 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion: 62 Resp: 87131
Ion Ratio Lower Upper
62 100
64 30.7 22.7 34.1

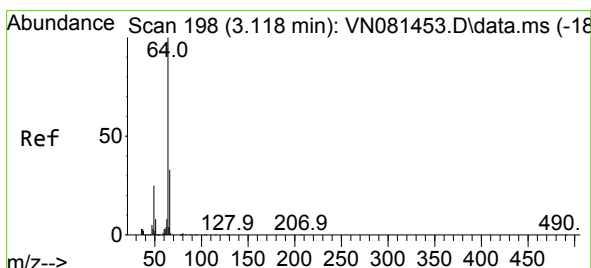
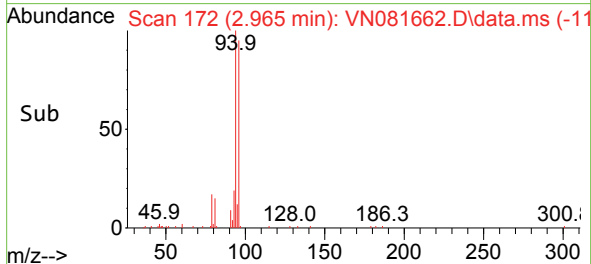
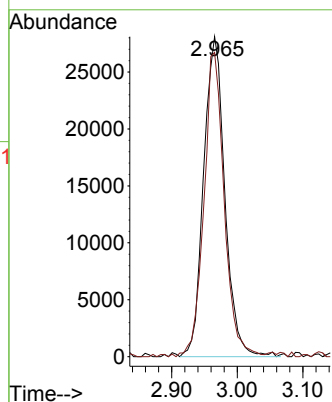
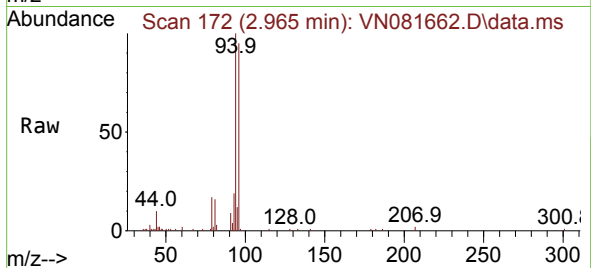




#5
Bromomethane
Concen: 16.059 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

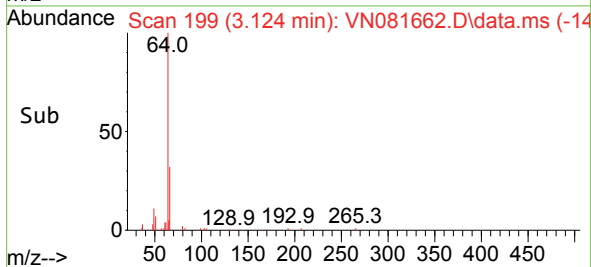
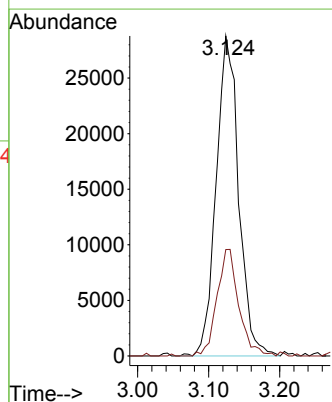
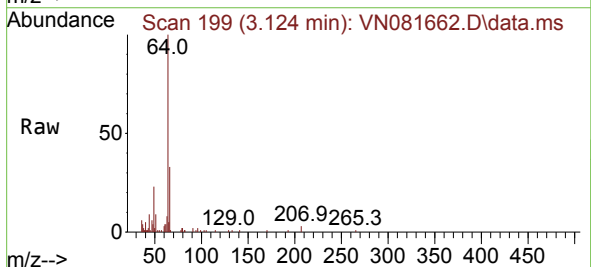
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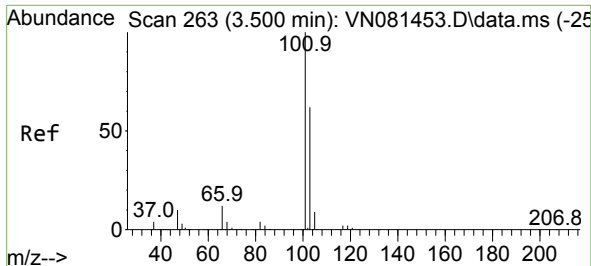
Tgt Ion: 94 Resp: 63410
Ion Ratio Lower Upper
94 100
96 93.9 69.2 103.8



#6
Chloroethane
Concen: 16.522 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion: 64 Resp: 63338
Ion Ratio Lower Upper
64 100
66 33.3 26.4 39.6

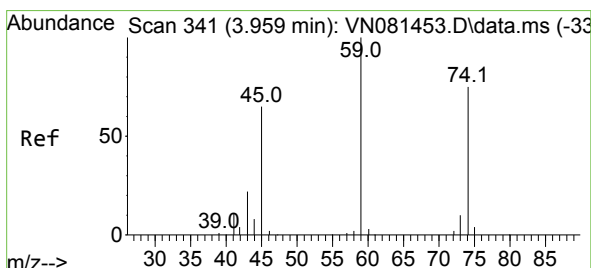
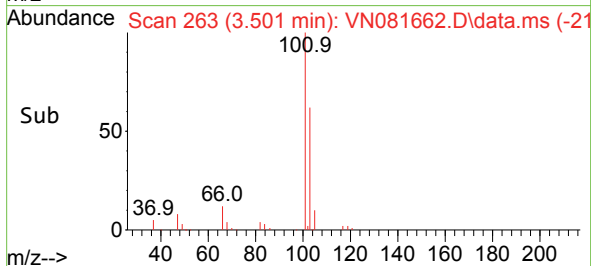
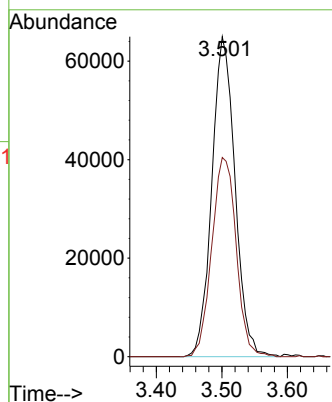
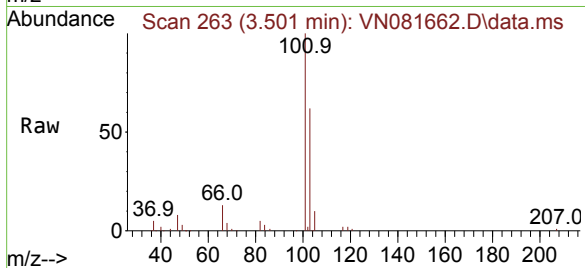




#7
 Trichlorofluoromethane
 Concen: 19.142 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081662.D
 Acq: 03 Apr 2024 17:33

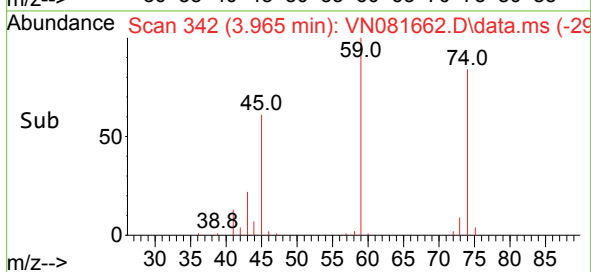
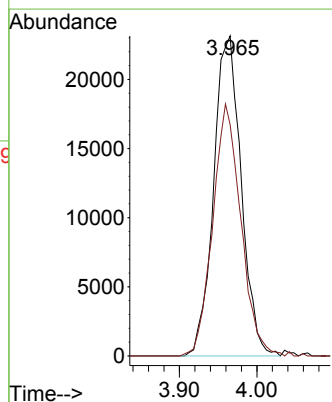
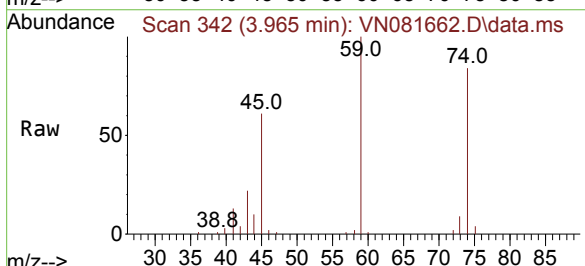
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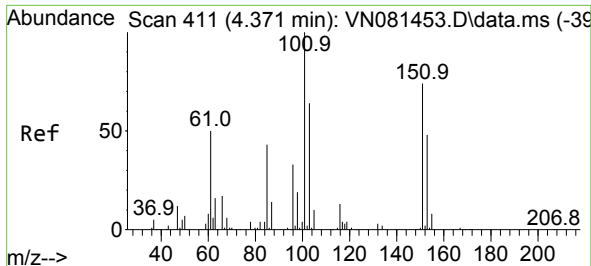
Tgt Ion:101 Resp: 159285
 Ion Ratio Lower Upper
 101 100
 103 62.3 54.4 81.6



#8
 Diethyl Ether
 Concen: 20.769 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN081662.D
 Acq: 03 Apr 2024 17:33

Tgt Ion: 74 Resp: 57196
 Ion Ratio Lower Upper
 74 100
 45 80.3 53.3 159.9

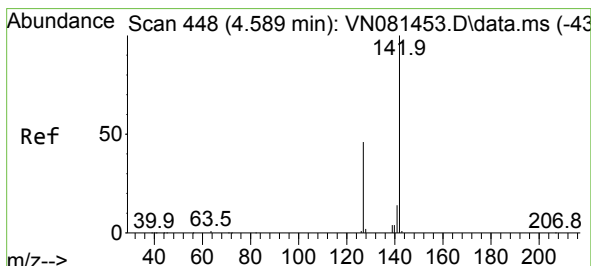
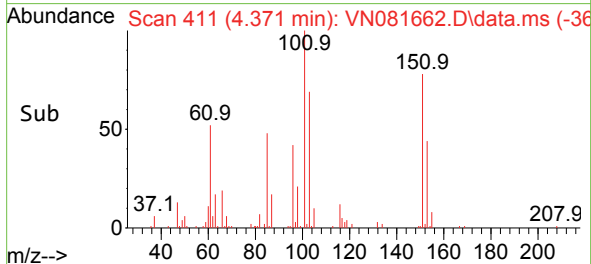
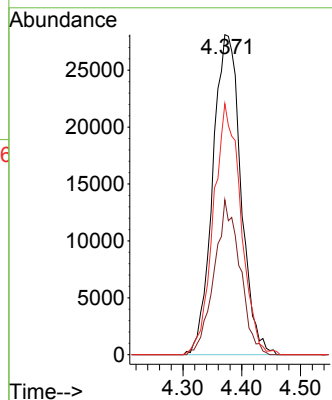
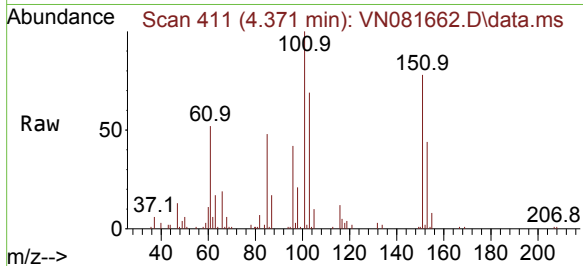




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.762 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

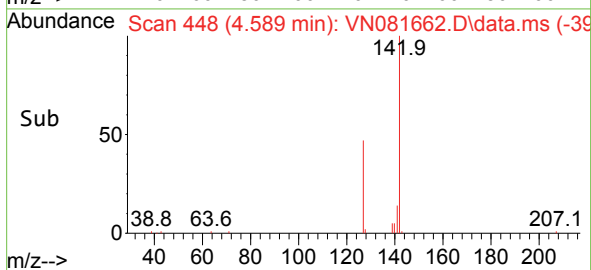
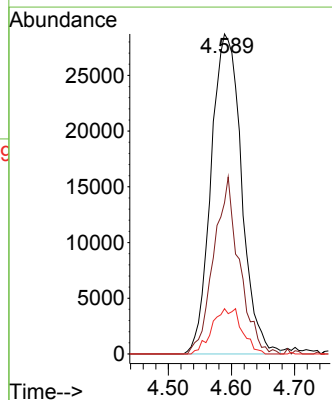
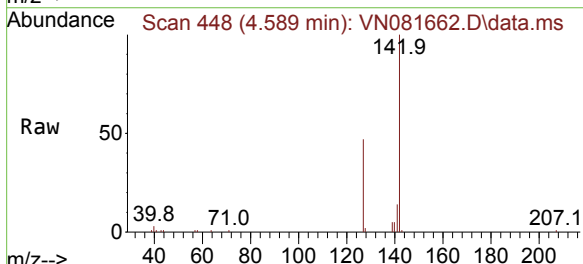
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

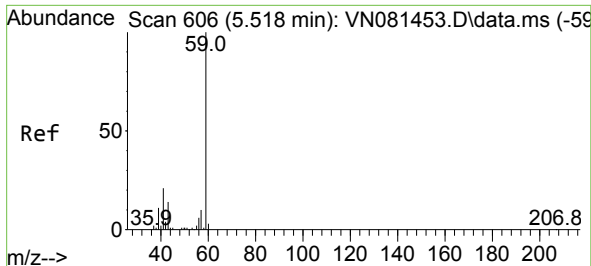
Tgt Ion:101 Resp: 93436
Ion Ratio Lower Upper
101 100
85 44.4 38.1 57.1
151 76.6 49.1 73.7#



#10
Methyl Iodide
Concen: 20.397 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion:142 Resp: 96041
Ion Ratio Lower Upper
142 100
127 47.2 37.0 55.4
141 14.1 12.5 18.7

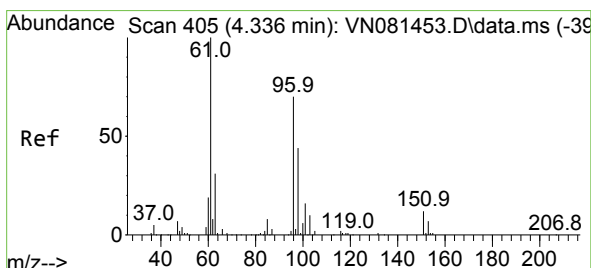
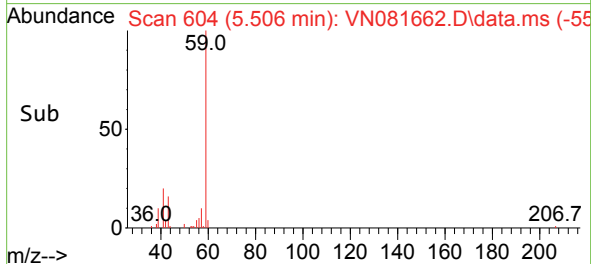
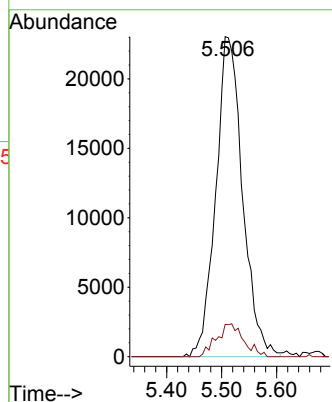
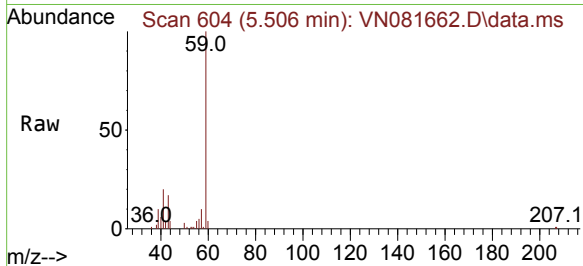




#11
Tert butyl alcohol
Concen: 94.448 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

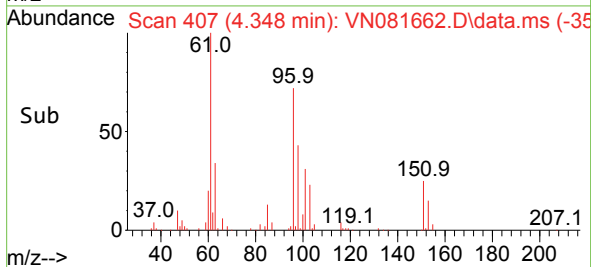
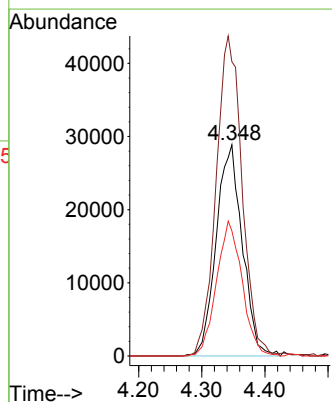
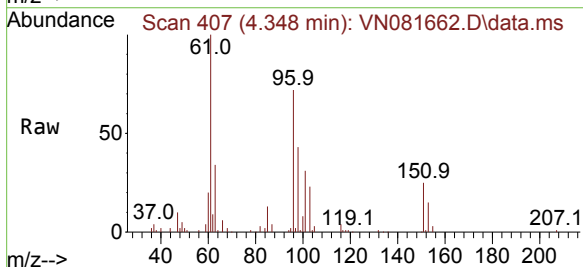
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

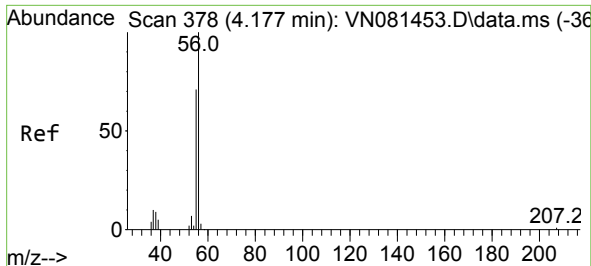
Tgt Ion: 59 Resp: 77894
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.869 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion: 96 Resp: 82639
Ion Ratio Lower Upper
96 100
61 139.3 138.2 207.4
98 59.2 49.2 73.8





#13

Acrolein

Concen: 78.052 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

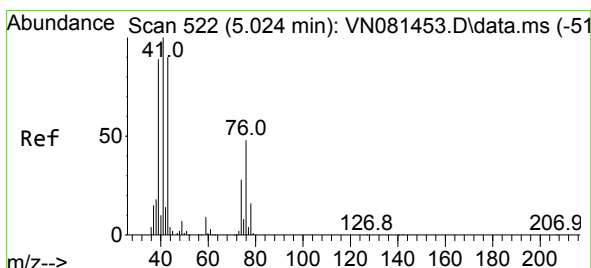
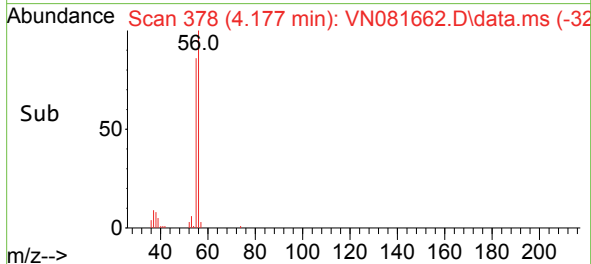
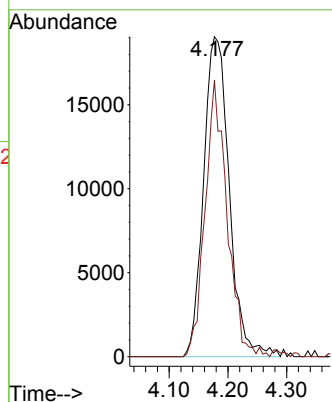
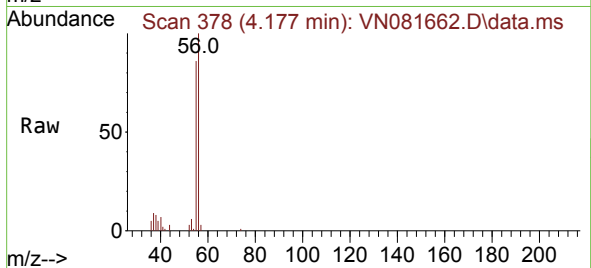
VN0403MBS01

Tgt Ion: 56 Resp: 57762

Ion Ratio Lower Upper

56 100

55 73.9 55.3 82.9



#14

Allyl chloride

Concen: 18.728 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

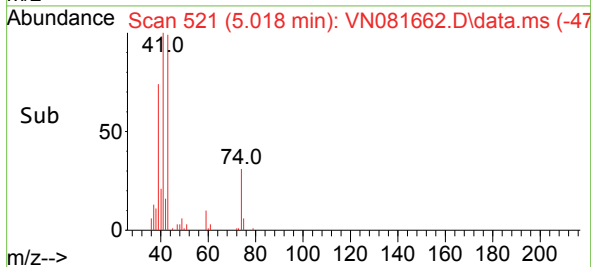
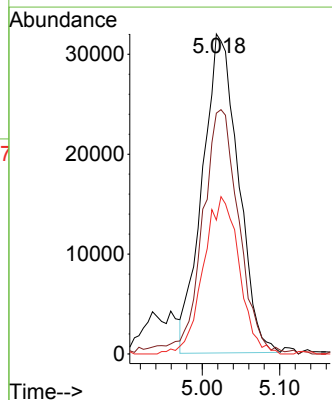
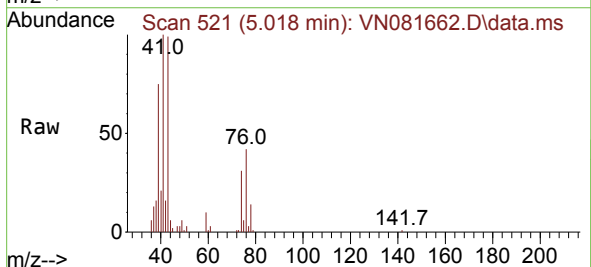
Tgt Ion: 41 Resp: 102776

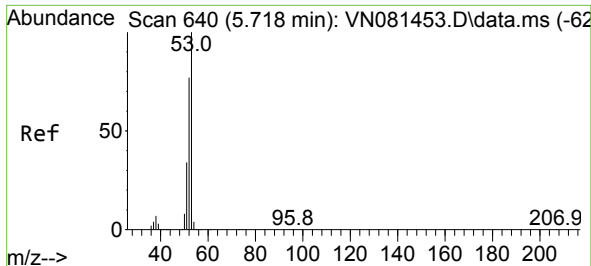
Ion Ratio Lower Upper

41 100

39 78.9 57.7 86.5

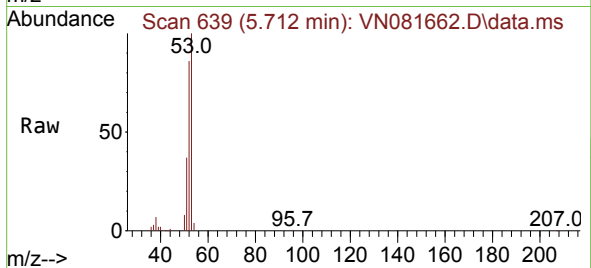
76 49.3 26.8 40.2#



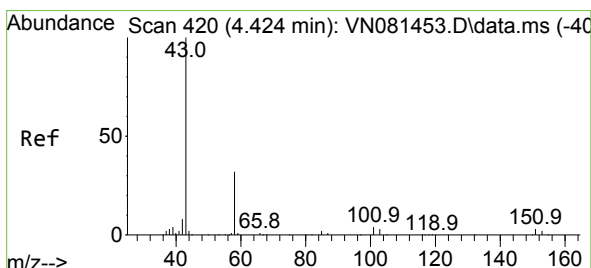
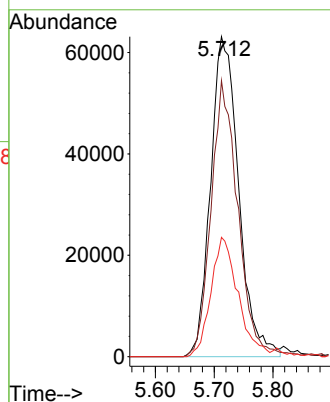
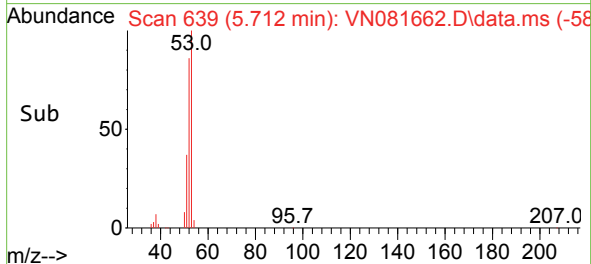


#15
Acrylonitrile
Concen: 94.950 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

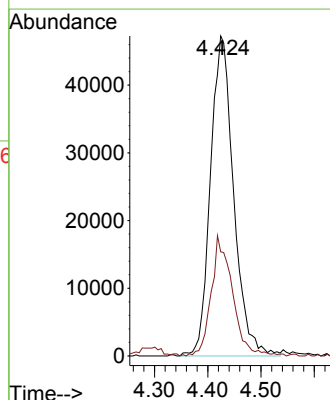
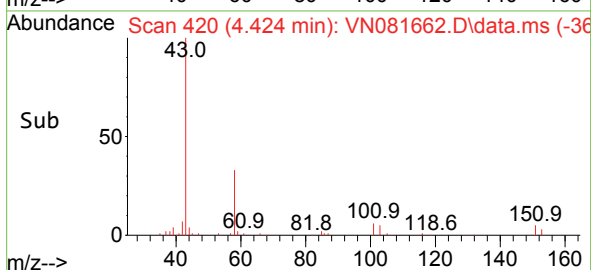
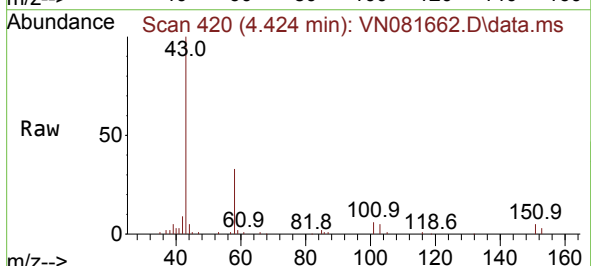


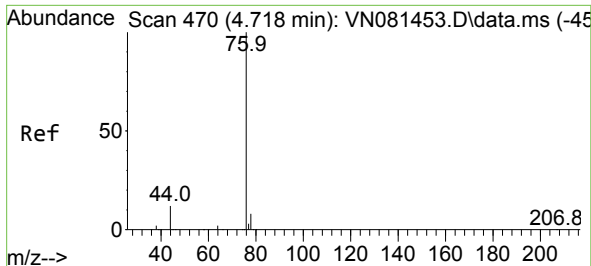
Tgt Ion: 53 Resp: 209495
Ion Ratio Lower Upper
53 100
52 82.4 64.8 97.2
51 36.1 26.9 40.3



#16
Acetone
Concen: 93.386 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion: 43 Resp: 142828
Ion Ratio Lower Upper
43 100
58 32.6 24.8 37.2

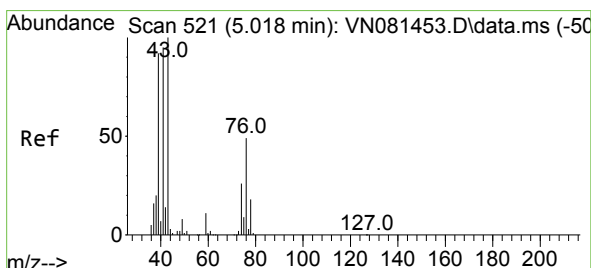
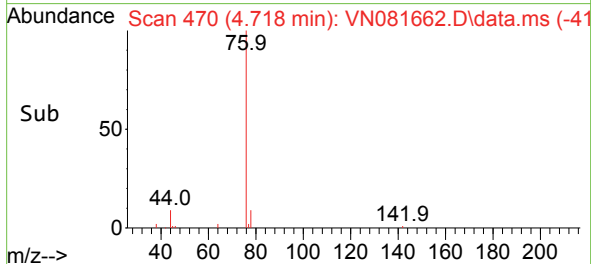
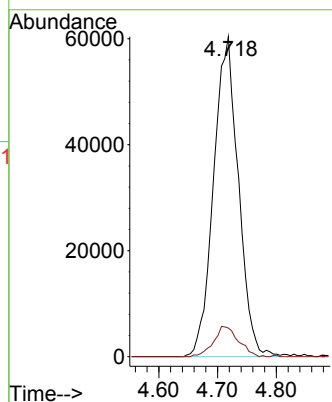
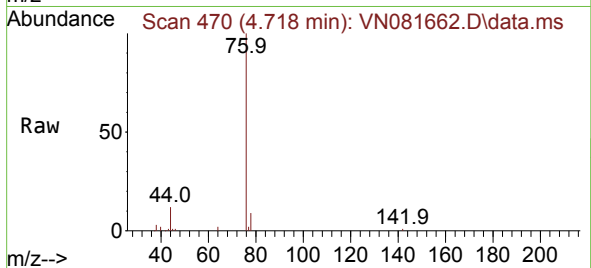




#17
Carbon Disulfide
Concen: 14.094 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

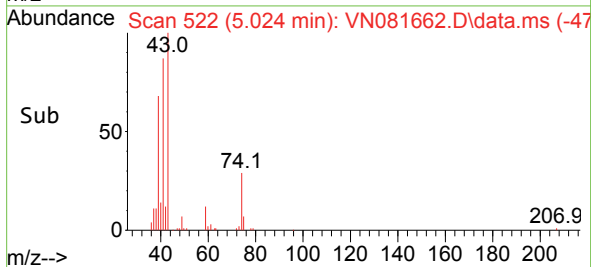
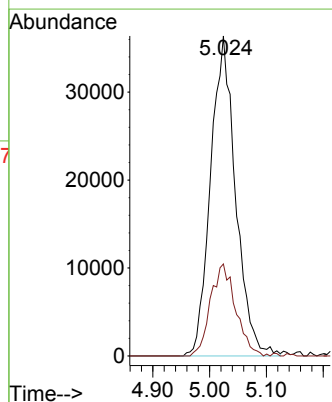
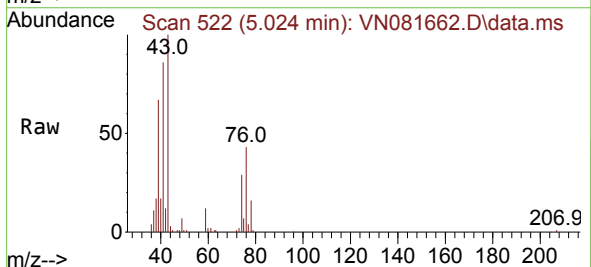
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

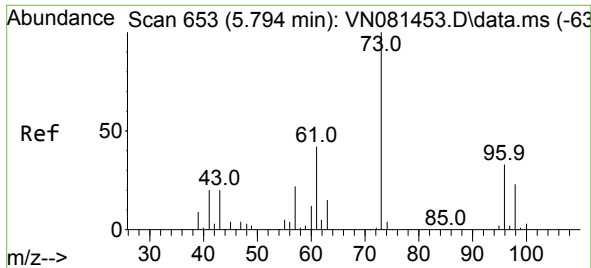
Tgt Ion: 76 Resp: 177129
Ion Ratio Lower Upper
76 100
78 8.9 6.3 9.5



#18
Methyl Acetate
Concen: 23.630 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion: 43 Resp: 111421
Ion Ratio Lower Upper
43 100
74 28.8 17.3 25.9#

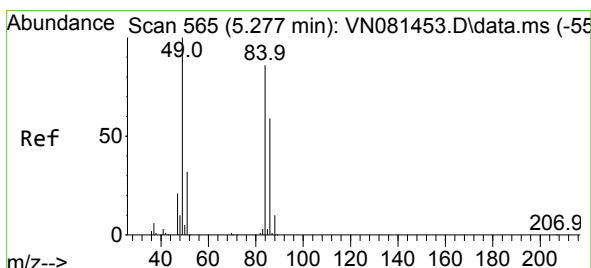
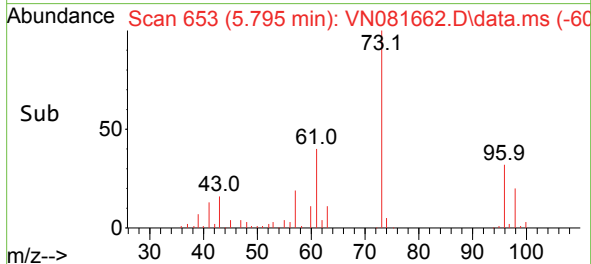
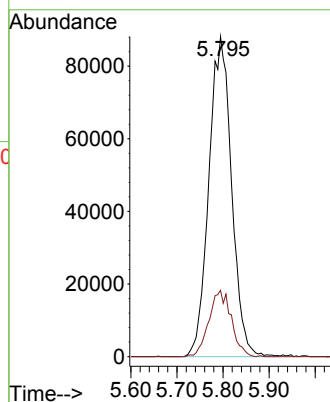
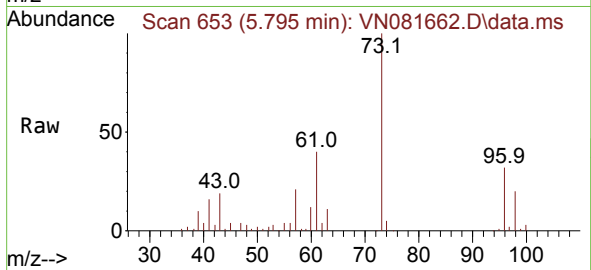




#19
Methyl tert-butyl Ether
Concen: 22.046 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

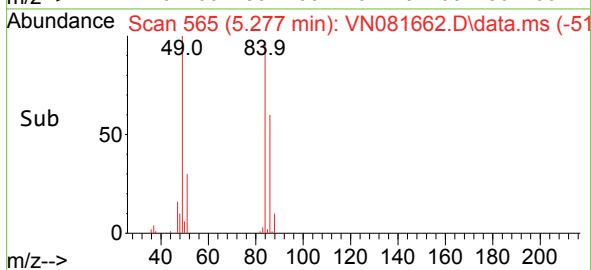
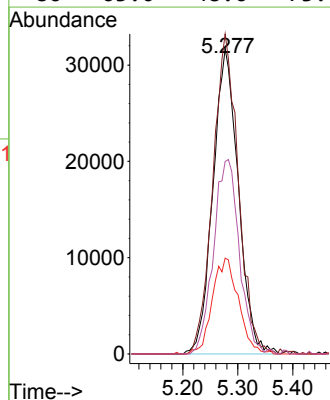
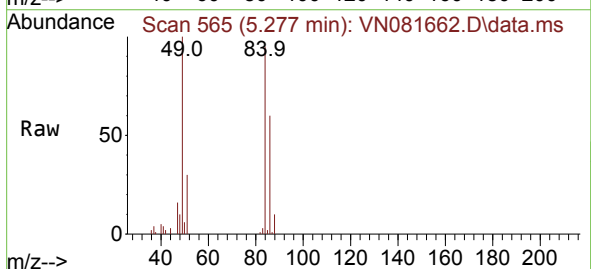
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

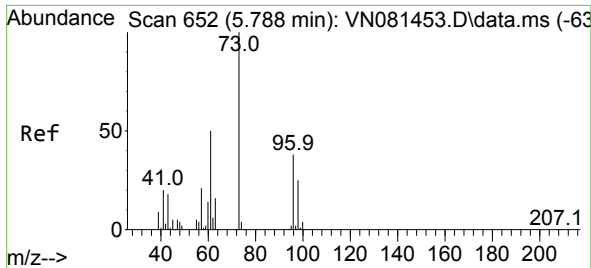
Tgt Ion: 73 Resp: 302176
Ion Ratio Lower Upper
73 100
57 20.8 18.2 27.4



#20
Methylene Chloride
Concen: 20.291 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion: 84 Resp: 101656
Ion Ratio Lower Upper
84 100
49 104.8 108.1 162.1#
51 31.4 32.9 49.3#
86 63.0 48.6 73.0

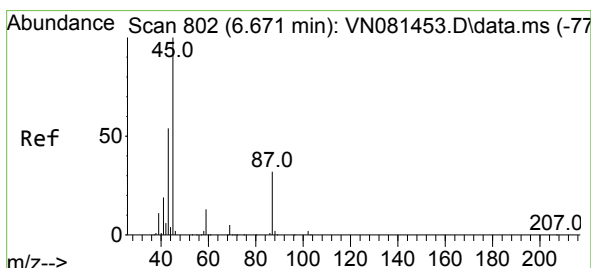
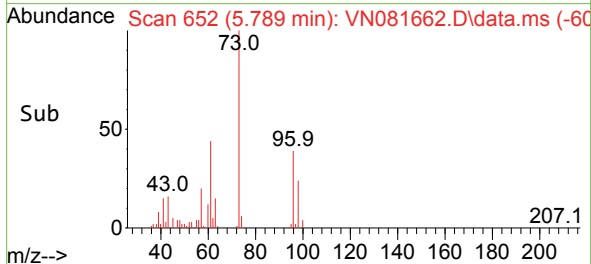
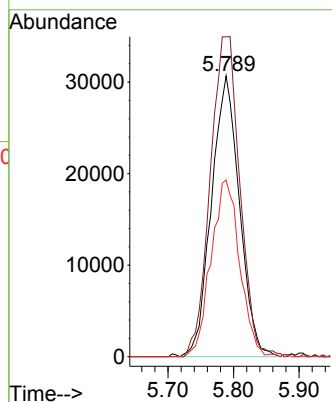
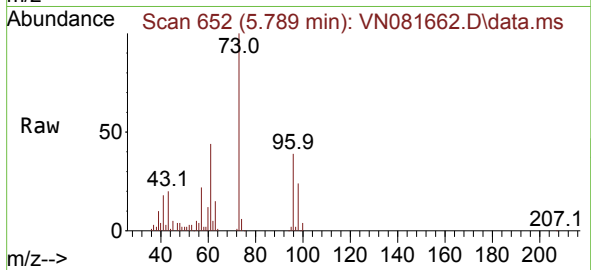




#21
trans-1,2-Dichloroethene
Concen: 18.601 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

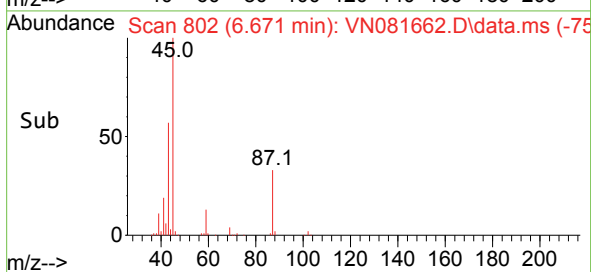
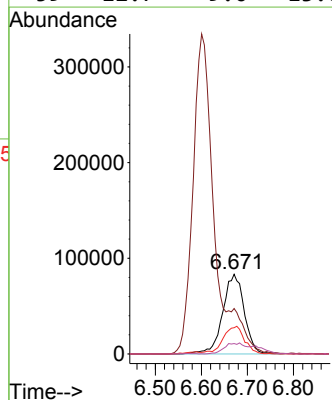
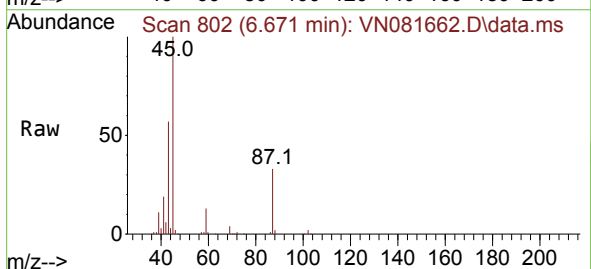
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

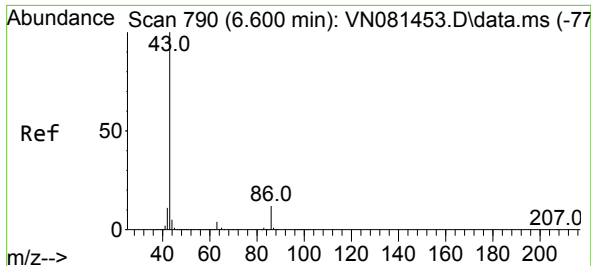
Tgt Ion: 96 Resp: 90832
Ion Ratio Lower Upper
96 100
61 113.9 112.8 169.2
98 62.9 51.0 76.4



#22
Diisopropyl ether
Concen: 21.119 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion: 45 Resp: 269295
Ion Ratio Lower Upper
45 100
43 56.4 41.8 62.8
87 32.9 18.1 27.1#
59 12.7 9.0 13.6

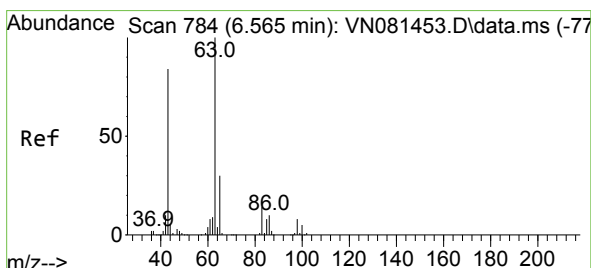
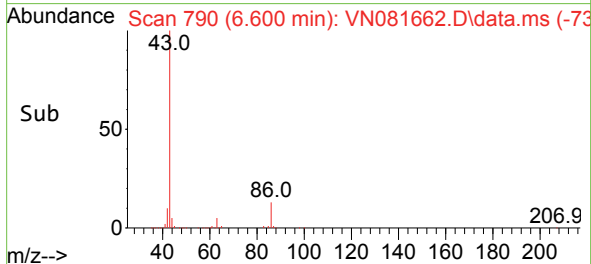
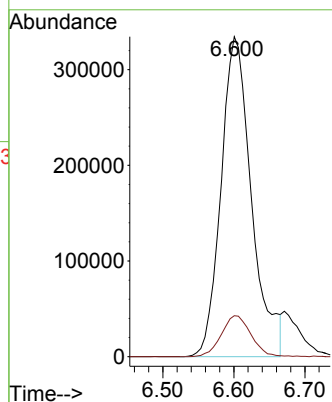
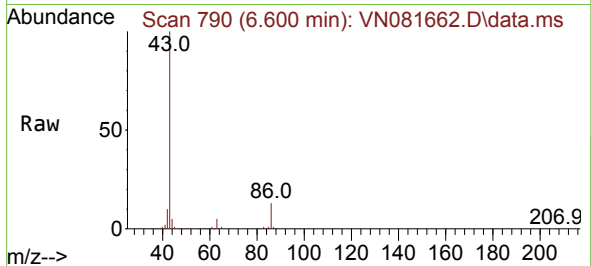




#23
 Vinyl Acetate
 Concen: 98.266 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081662.D
 Acq: 03 Apr 2024 17:33

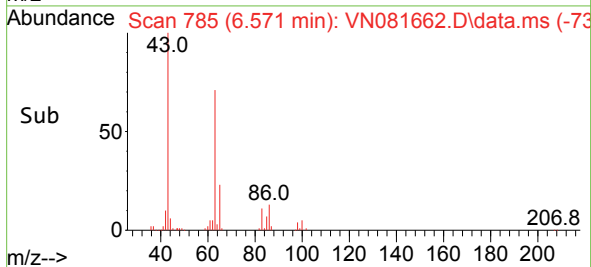
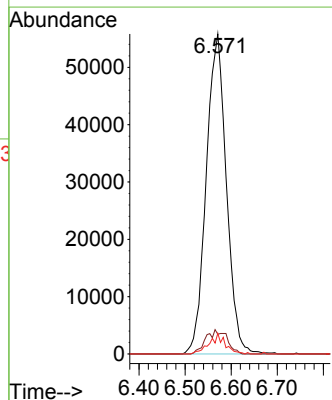
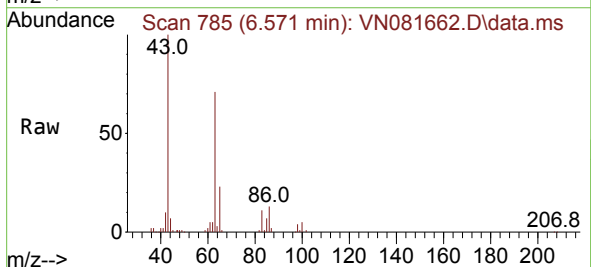
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403MBS01

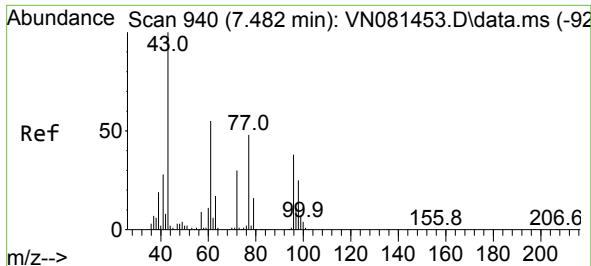
Tgt Ion: 43 Resp: 997381
 Ion Ratio Lower Upper
 43 100
 86 12.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.895 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081662.D
 Acq: 03 Apr 2024 17:33

Tgt Ion: 63 Resp: 169917
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.6
 100 6.5 1.9 5.7#

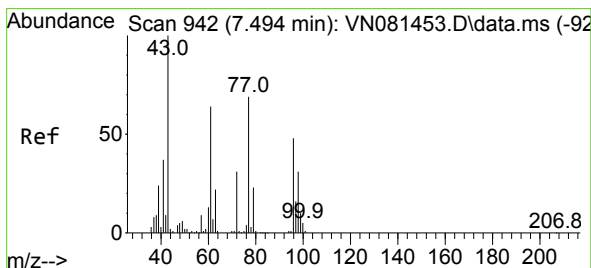
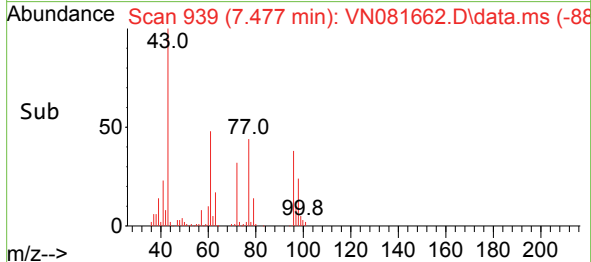
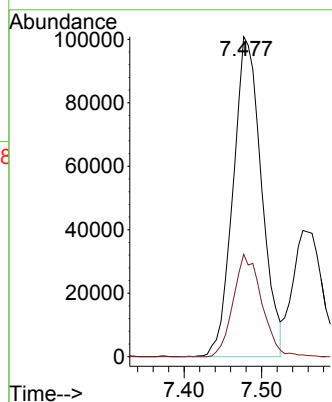
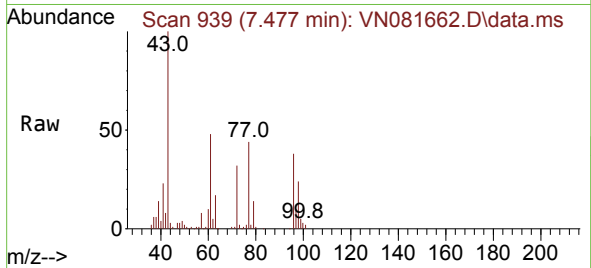




#25
2-Butanone
Concen: 97.808 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

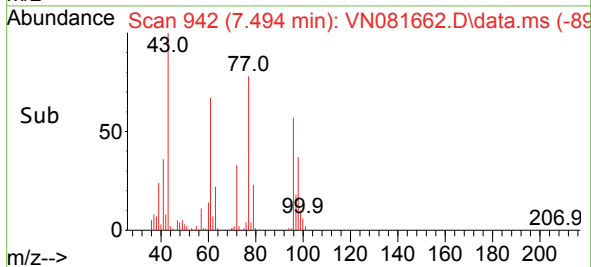
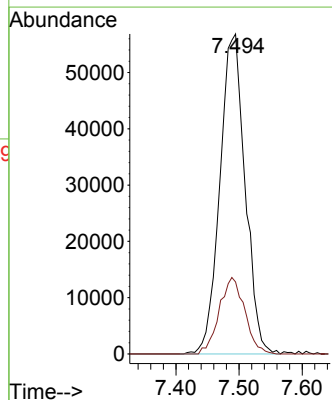
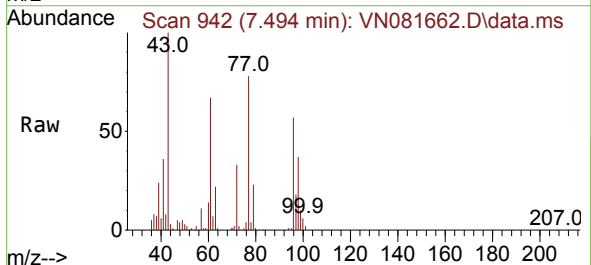
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

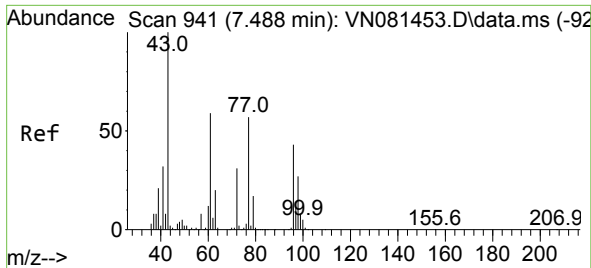
Tgt Ion: 43 Resp: 256581
Ion Ratio Lower Upper
43 100
72 32.0 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 21.280 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

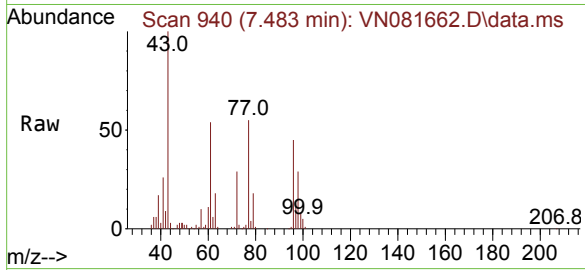
Tgt Ion: 77 Resp: 157632
Ion Ratio Lower Upper
77 100
97 24.2 11.5 34.5



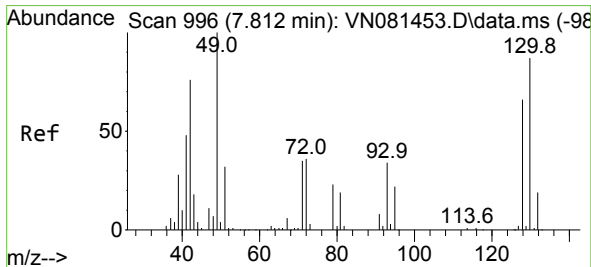
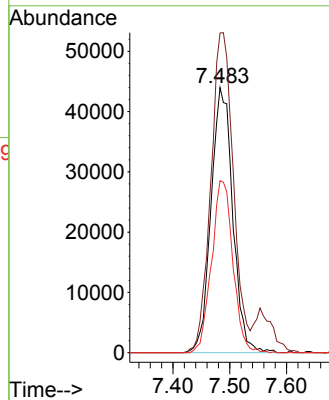
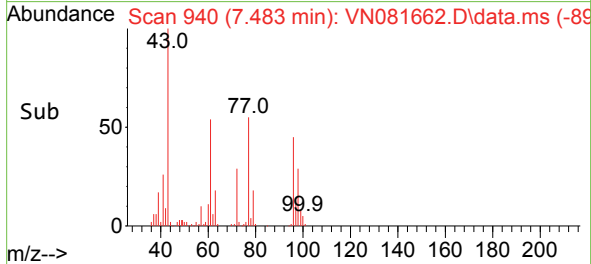


#27
cis-1,2-Dichloroethene
Concen: 21.096 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

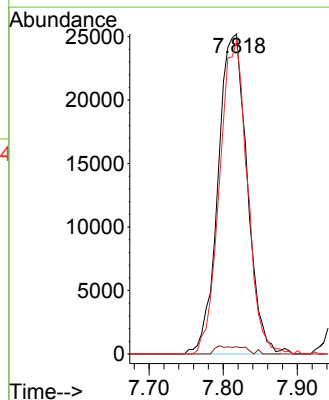
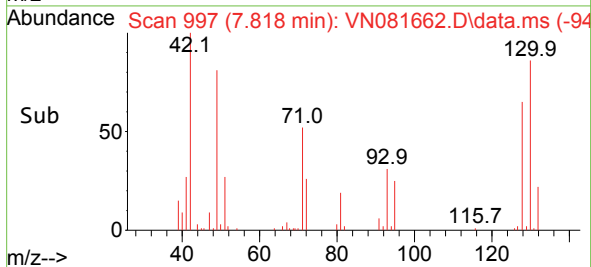
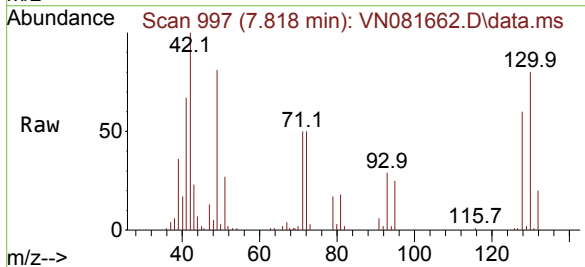


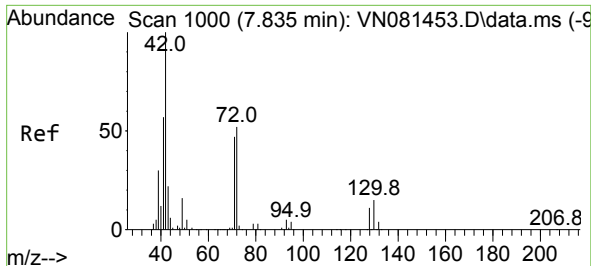
Tgt Ion: 96 Resp: 116558
Ion Ratio Lower Upper
96 100
61 125.5 0.0 325.4
98 63.8 0.0 130.4



#28
Bromochloromethane
Concen: 19.684 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion: 49 Resp: 68474
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.6
130 93.4 42.3 63.5#





#29

Tetrahydrofuran

Concen: 97.386 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0403MBS01

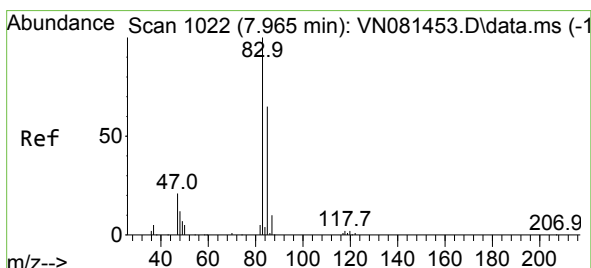
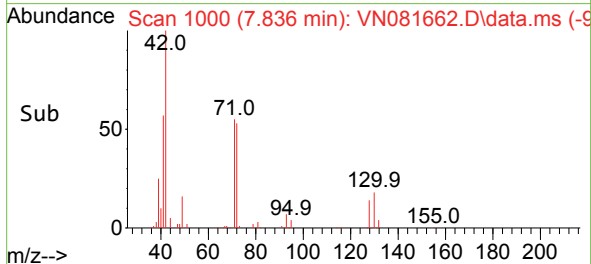
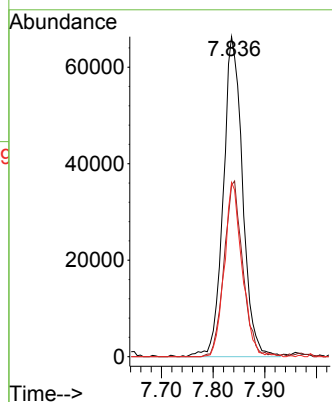
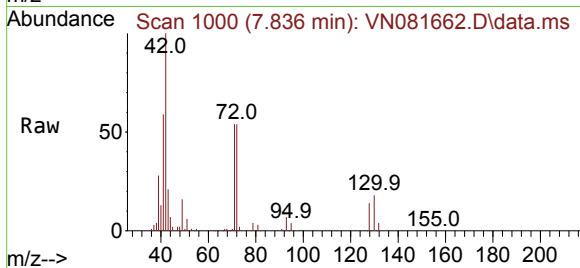
Tgt Ion: 42 Resp: 172104

Ion Ratio Lower Upper

42 100

72 53.1 31.1 46.7#

71 50.4 28.3 42.5#



#30

Chloroform

Concen: 20.951 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN081662.D

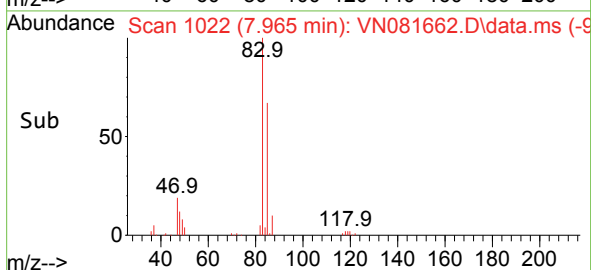
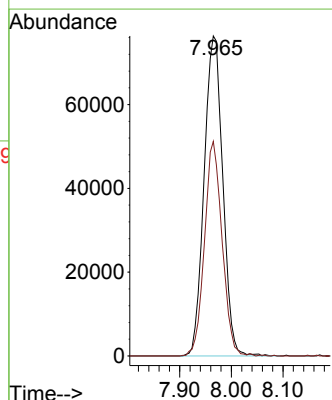
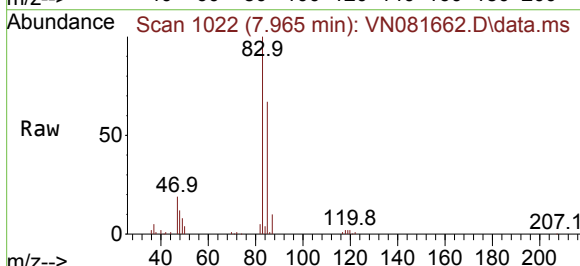
Acq: 03 Apr 2024 17:33

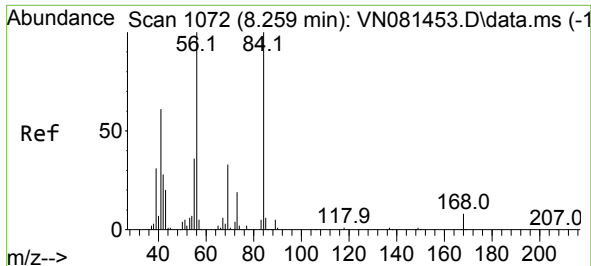
Tgt Ion: 83 Resp: 191556

Ion Ratio Lower Upper

83 100

85 67.1 51.0 76.6

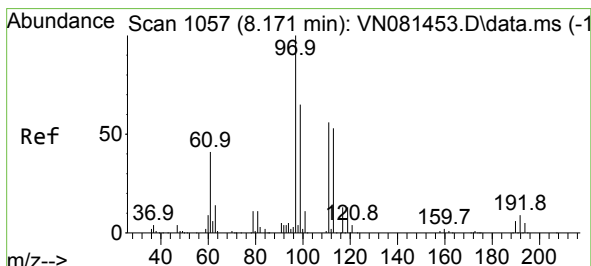
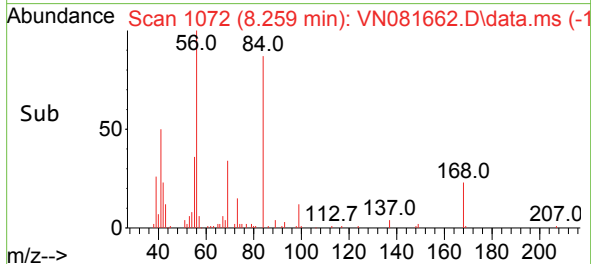
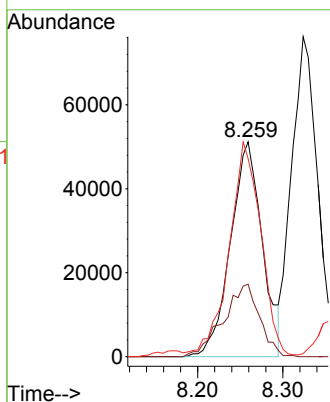
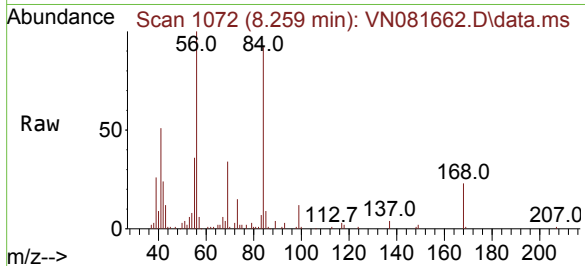




#31
Cyclohexane
Concen: 17.226 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

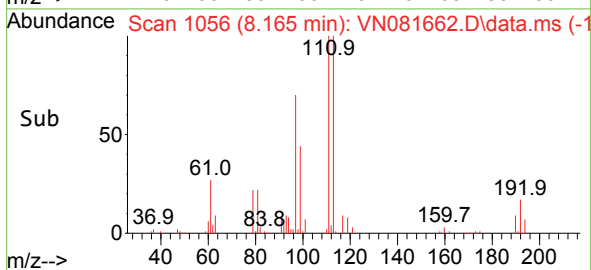
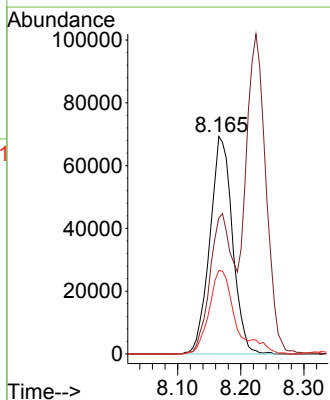
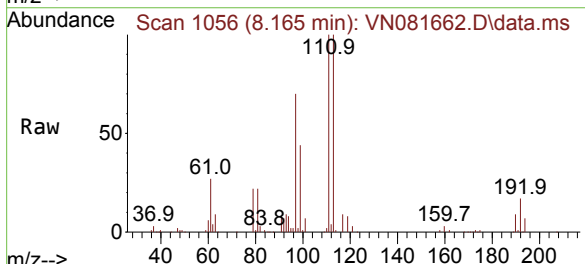
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

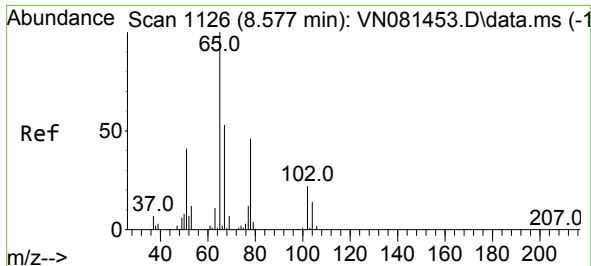
Tgt Ion: 56 Resp: 132657
Ion Ratio Lower Upper
56 100
69 32.8 20.1 30.1#
84 89.4 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 20.786 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion: 97 Resp: 172423
Ion Ratio Lower Upper
97 100
99 65.8 53.4 80.0
61 45.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 54.519 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

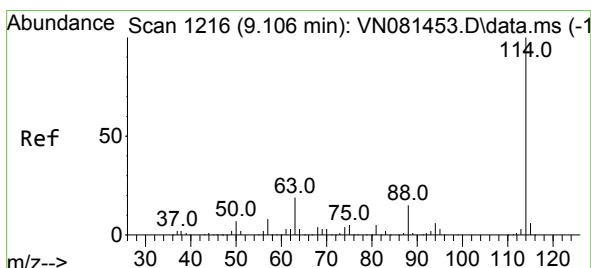
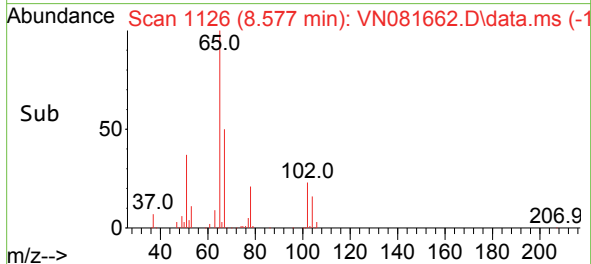
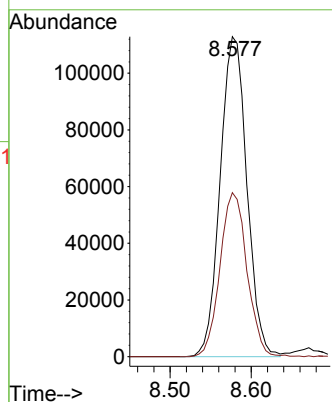
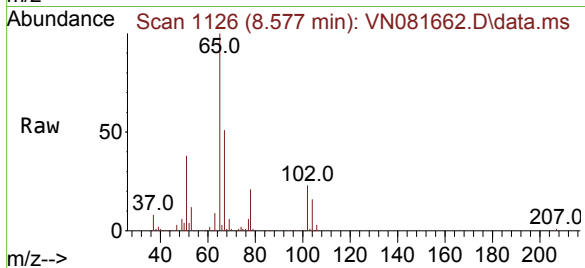
VN0403MBS01

Tgt Ion: 65 Resp: 258014

Ion Ratio Lower Upper

65 100

67 51.8 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: VN081662.D

Acq: 03 Apr 2024 17:33

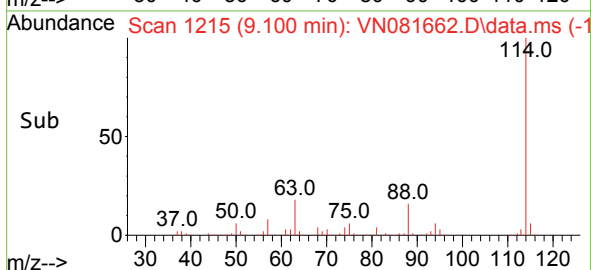
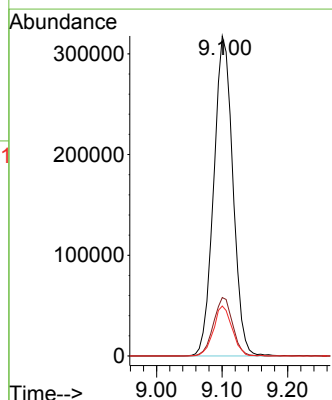
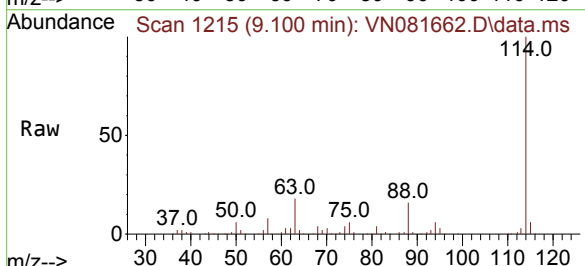
Tgt Ion: 114 Resp: 643886

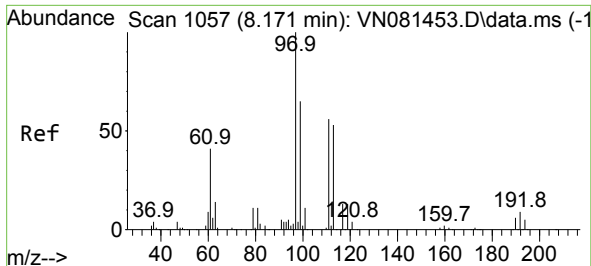
Ion Ratio Lower Upper

114 100

63 18.2 0.0 48.0

88 15.6 0.0 34.8

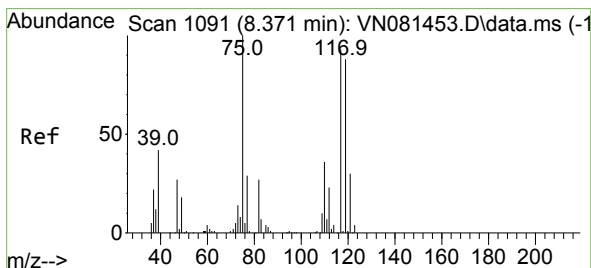
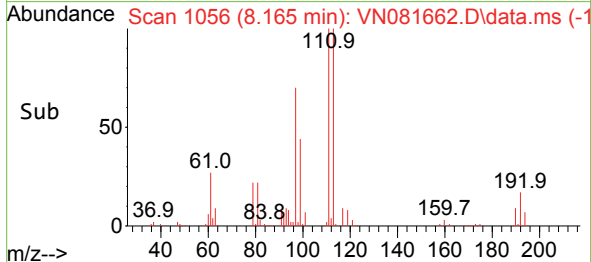
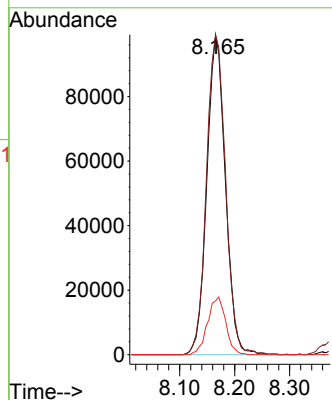
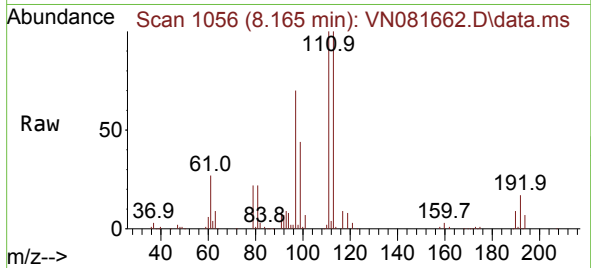




#35
 Dibromofluoromethane
 Concen: 57.164 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VN081662.D
 Acq: 03 Apr 2024 17:33

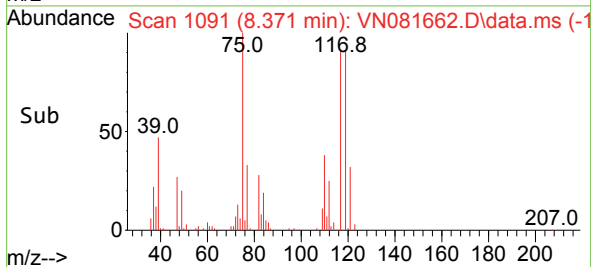
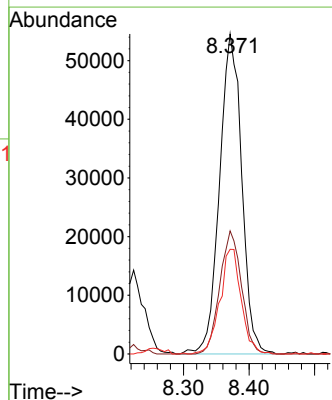
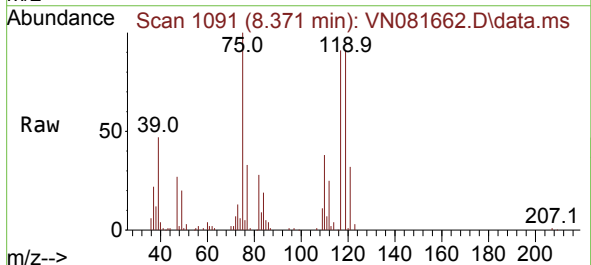
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403MBS01

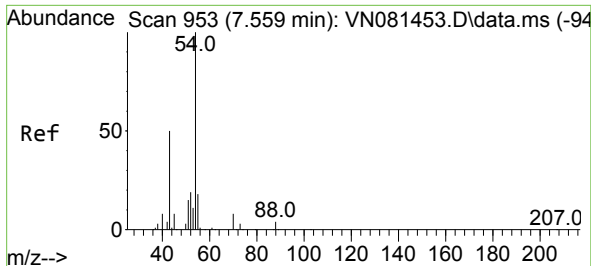
Tgt Ion:113 Resp: 232291
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.4
 192 17.6 12.5 18.7



#36
 1,1-Dichloropropene
 Concen: 18.691 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN081662.D
 Acq: 03 Apr 2024 17:33

Tgt Ion: 75 Resp: 127819
 Ion Ratio Lower Upper
 75 100
 110 37.6 16.0 48.0
 77 31.4 25.8 38.6

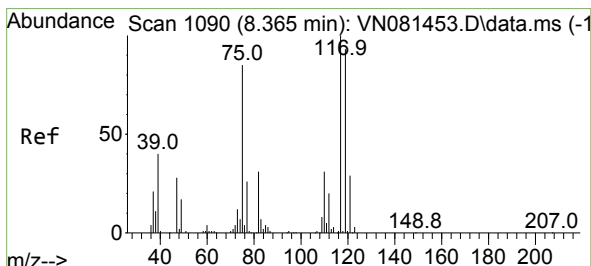
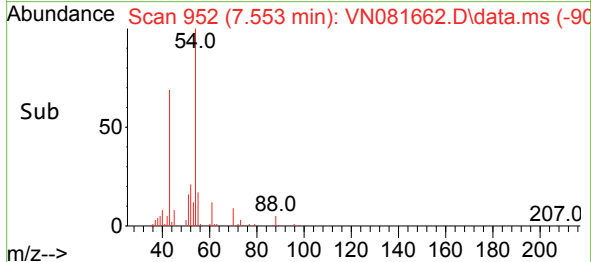
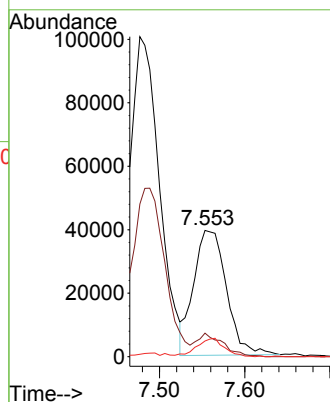
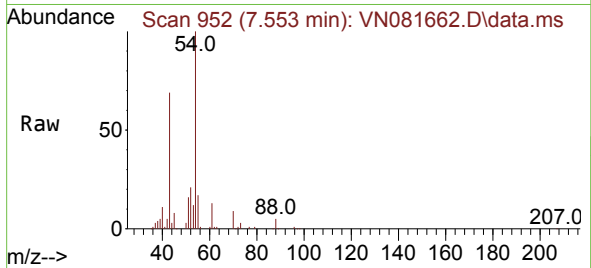




#37
Ethyl Acetate
Concen: 18.048 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

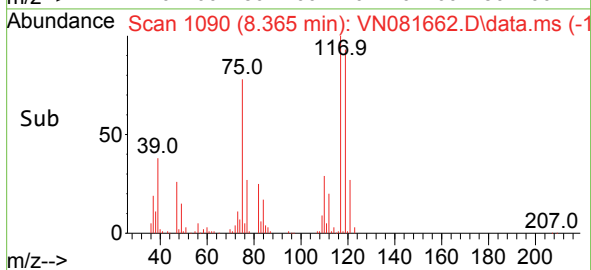
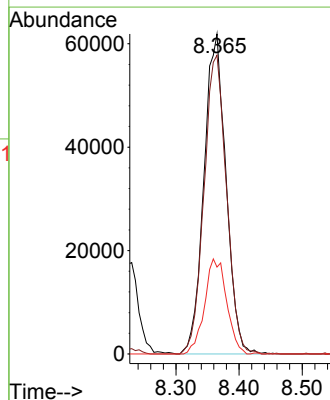
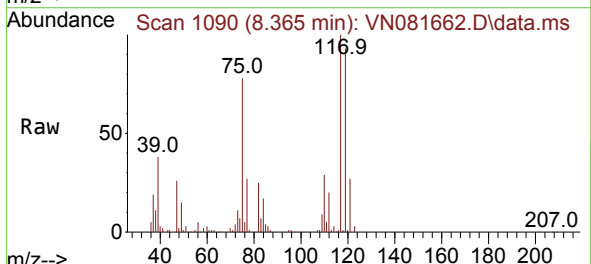
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

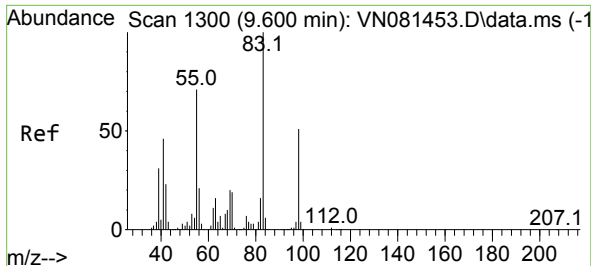
Tgt Ion: 43 Resp: 105684
Ion Ratio Lower Upper
43 100
61 15.0 10.6 15.8
70 12.2 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 20.042 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion: 117 Resp: 150139
Ion Ratio Lower Upper
117 100
119 93.3 73.4 110.2
121 27.2 24.4 36.6





#39

Methylcyclohexane

Concen: 18.291 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081662.D

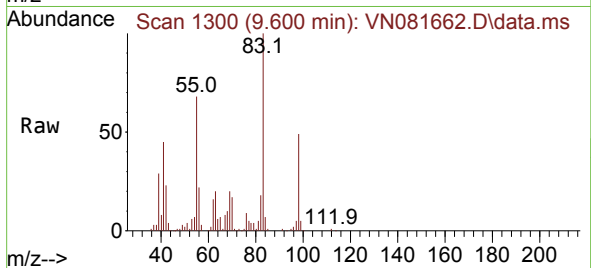
Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0403MBS01



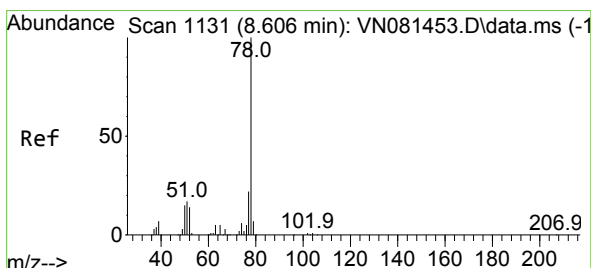
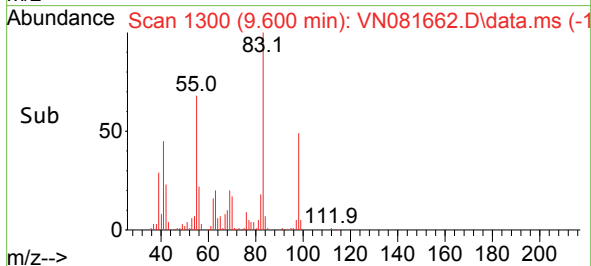
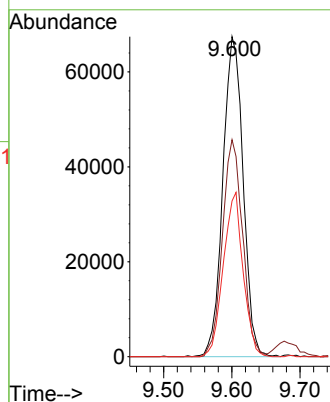
Tgt Ion: 83 Resp: 139686

Ion Ratio Lower Upper

83 100

55 67.8 65.7 98.5

98 48.7 33.8 50.6



#40

Benzene

Concen: 19.735 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081662.D

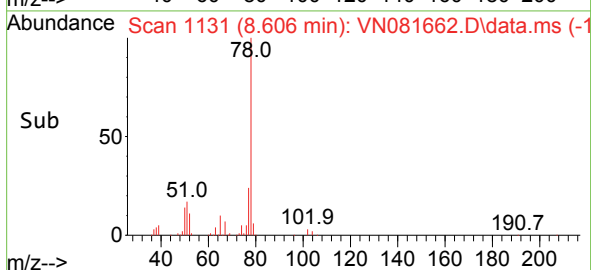
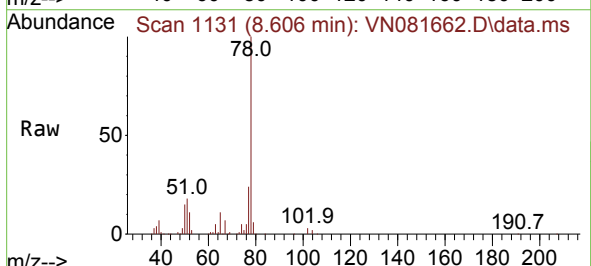
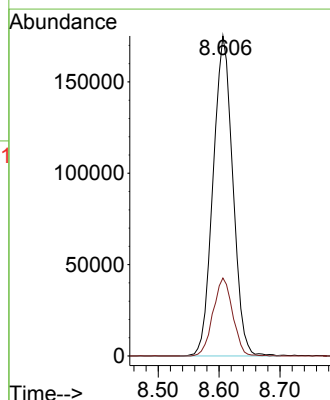
Acq: 03 Apr 2024 17:33

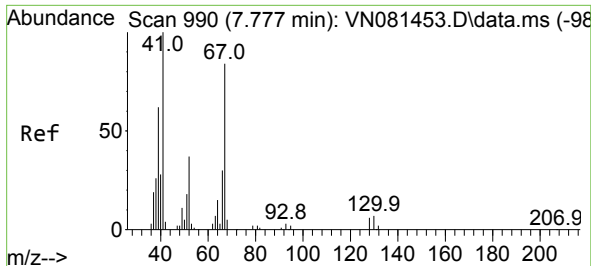
Tgt Ion: 78 Resp: 394564

Ion Ratio Lower Upper

78 100

77 24.4 20.4 30.6

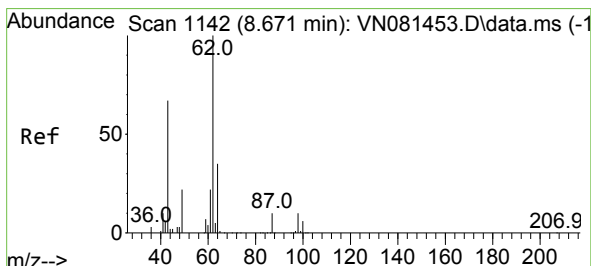
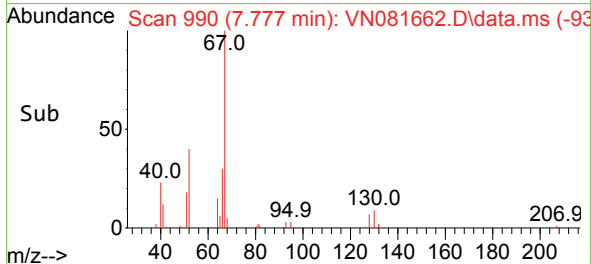
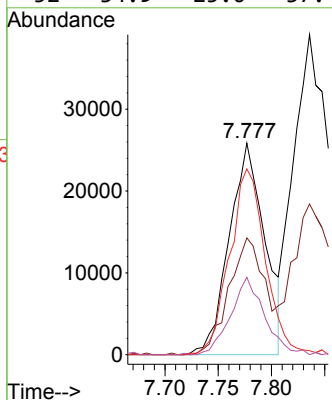
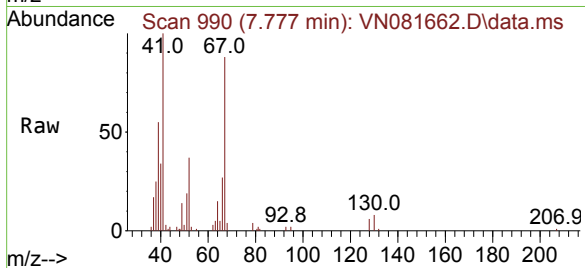




#41
Methacrylonitrile
Concen: 19.351 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

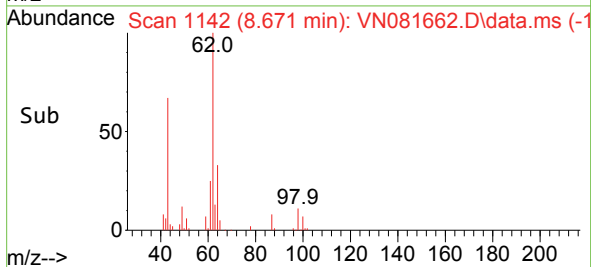
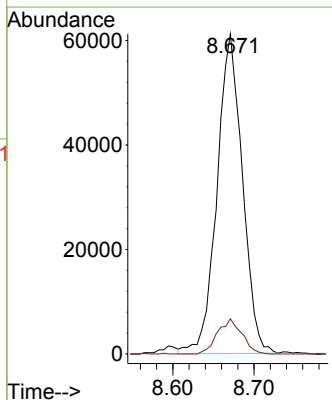
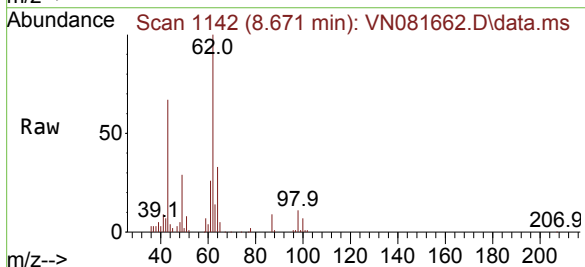
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

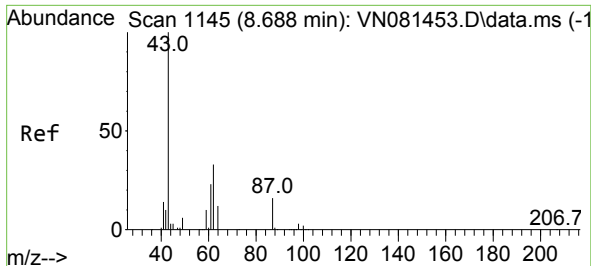
Tgt Ion:	41	Resp:	59927
Ion	Ratio	Lower	Upper
41	100		
39	54.2	48.4	72.6
67	88.8	56.8	85.2#
52	34.9	25.0	37.4



#42
1,2-Dichloroethane
Concen: 18.892 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion:	62	Resp:	132920
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	18.0

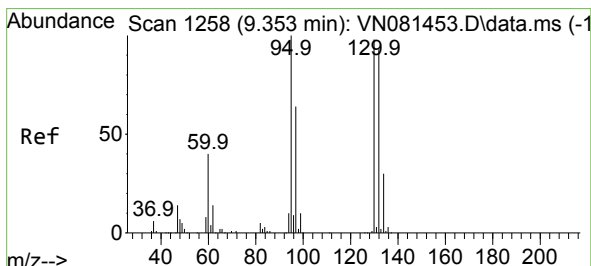
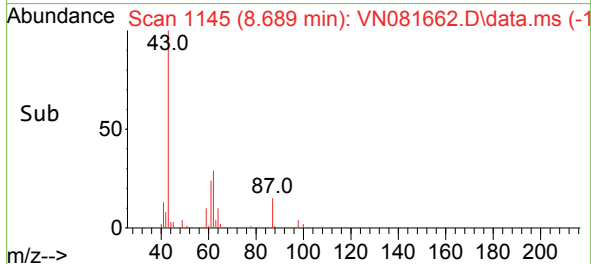
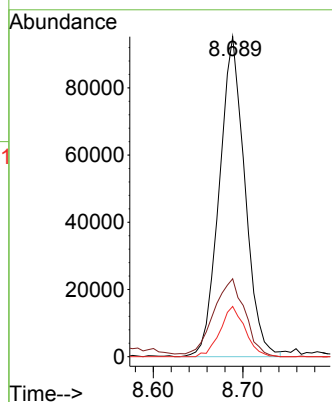
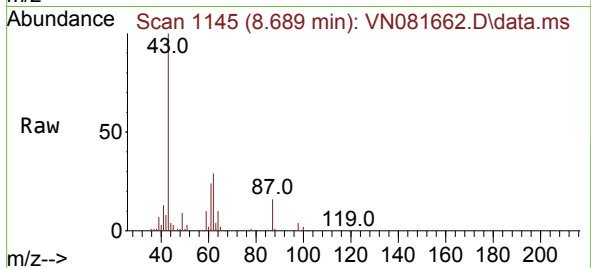




#43
Isopropyl Acetate
Concen: 19.419 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

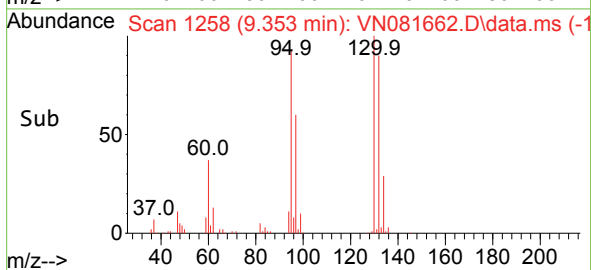
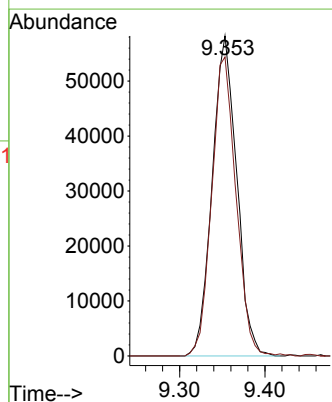
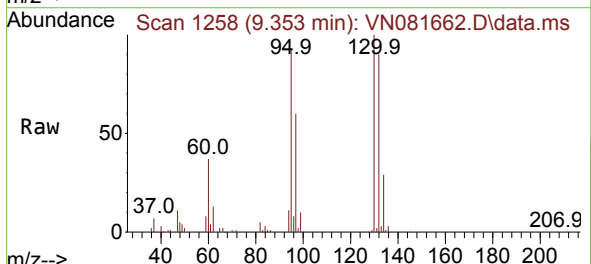
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

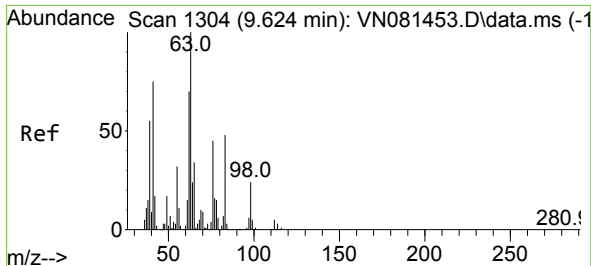
Tgt Ion: 43 Resp: 188493
Ion Ratio Lower Upper
43 100
61 29.8 19.9 29.9
87 15.3 9.0 13.6#



#44
Trichloroethene
Concen: 20.668 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion:130 Resp: 116215
Ion Ratio Lower Upper
130 100
95 93.5 0.0 210.4





#45

1,2-Dichloropropane

Concen: 20.672 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

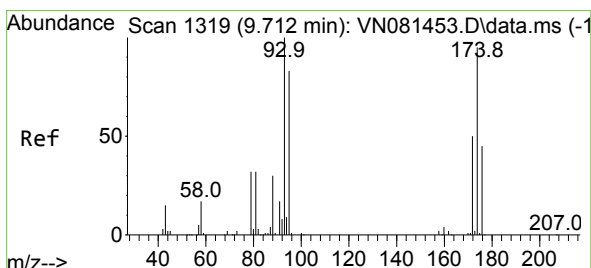
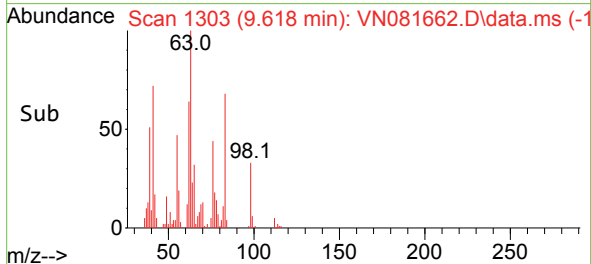
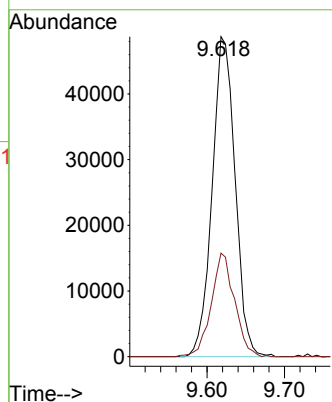
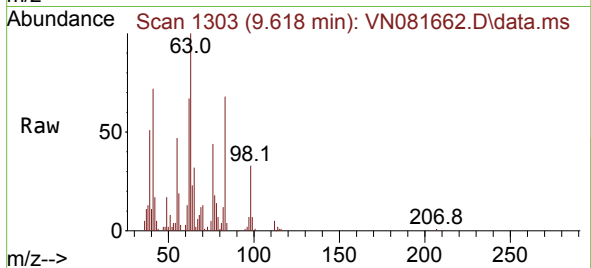
VN0403MBS01

Tgt Ion: 63 Resp: 100164

Ion Ratio Lower Upper

63 100

65 32.4 26.1 39.1



#46

Dibromomethane

Concen: 20.433 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

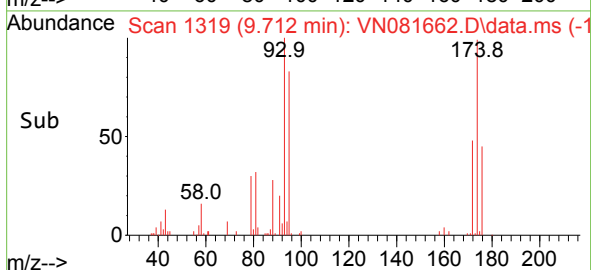
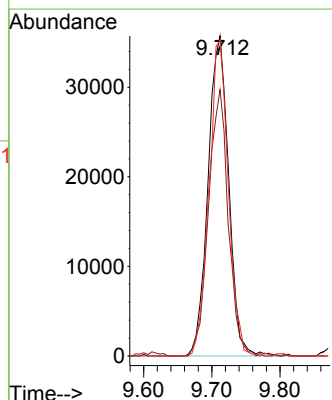
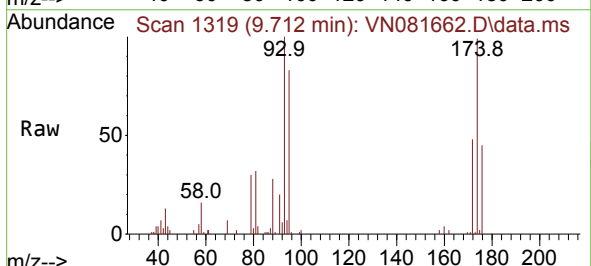
Tgt Ion: 93 Resp: 75186

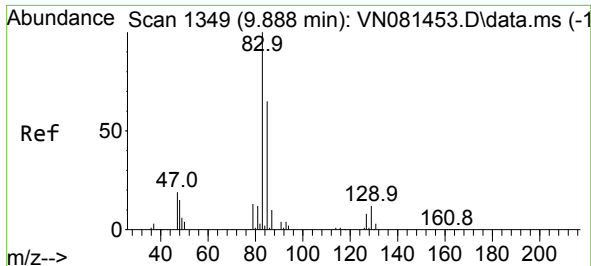
Ion Ratio Lower Upper

93 100

95 79.8 68.1 102.1

174 92.3 57.2 85.8#

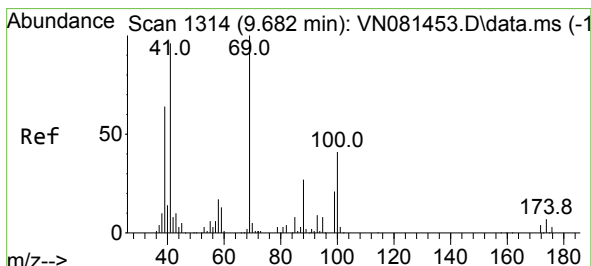
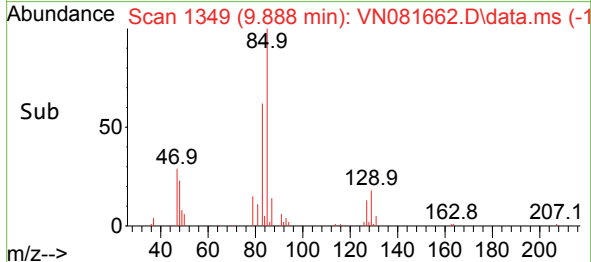
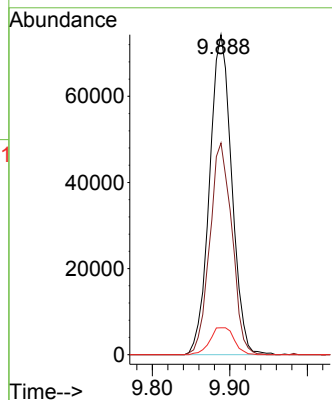
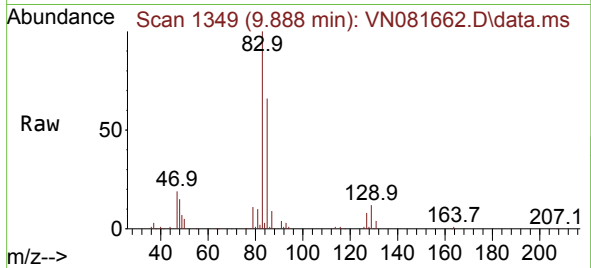




#47
Bromodichloromethane
Concen: 20.567 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

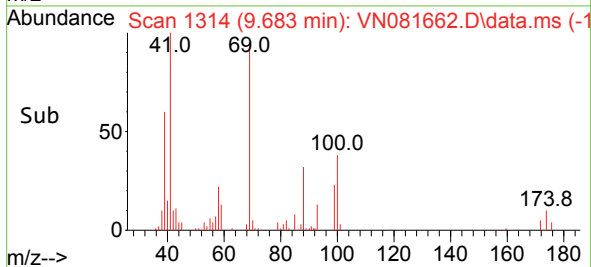
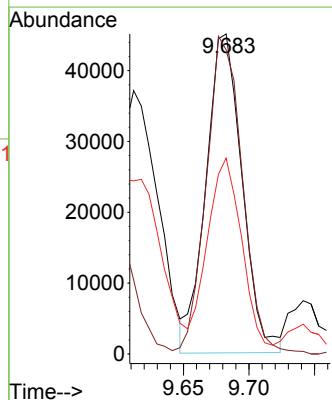
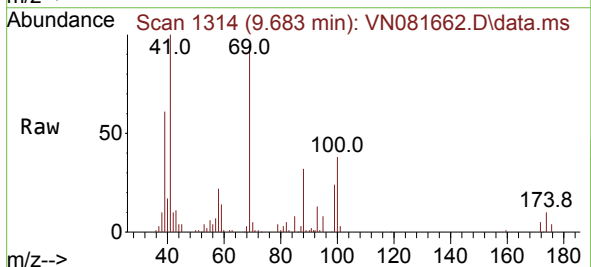
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

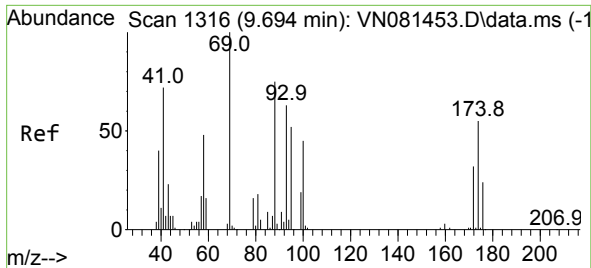
Tgt Ion: 83 Resp: 147963
Ion Ratio Lower Upper
83 100
85 66.1 52.3 78.5
127 8.4 4.6 7.0#



#48
Methyl methacrylate
Concen: 19.323 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion: 41 Resp: 86510
Ion Ratio Lower Upper
41 100
69 99.5 62.2 93.2#
39 59.3 47.6 71.4





#49

1,4-Dioxane

Concen: 379.184 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081662.D

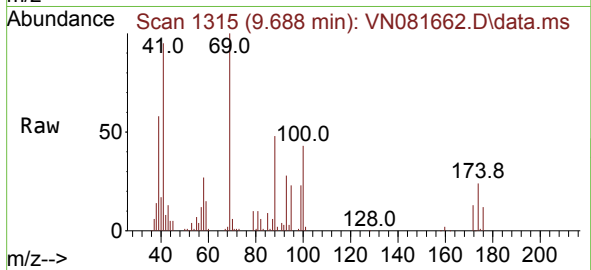
Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0403MBS01



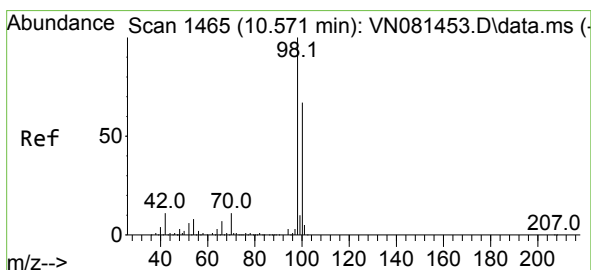
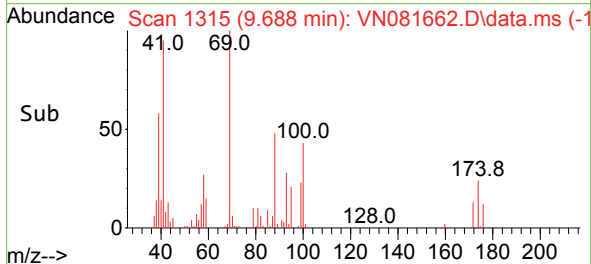
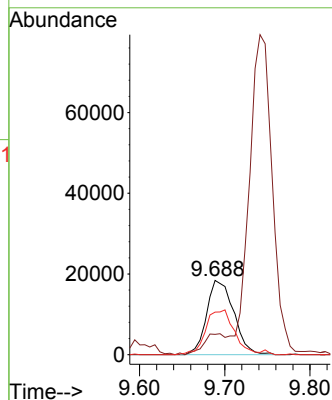
Tgt Ion: 88 Resp: 40797

Ion Ratio Lower Upper

88 100

43 22.6 30.1 45.1#

58 63.2 63.9 95.9#



#50

Toluene-d8

Concen: 54.429 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081662.D

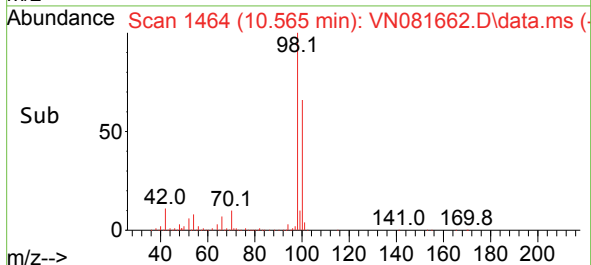
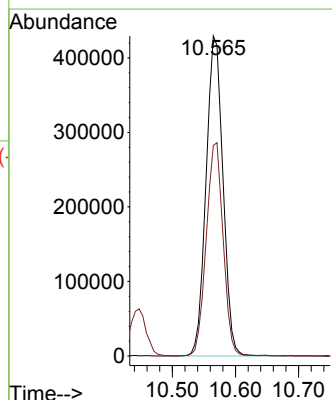
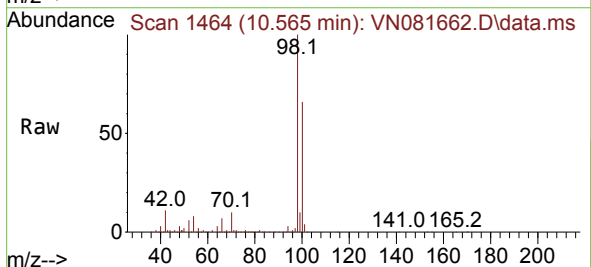
Acq: 03 Apr 2024 17:33

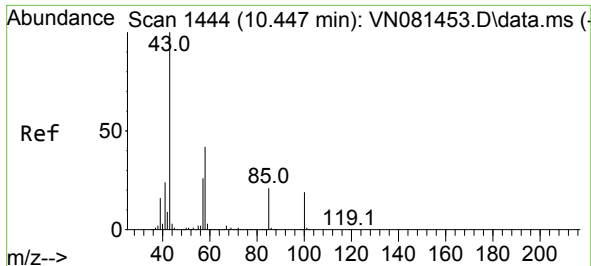
Tgt Ion: 98 Resp: 799525

Ion Ratio Lower Upper

98 100

100 66.5 51.4 77.0

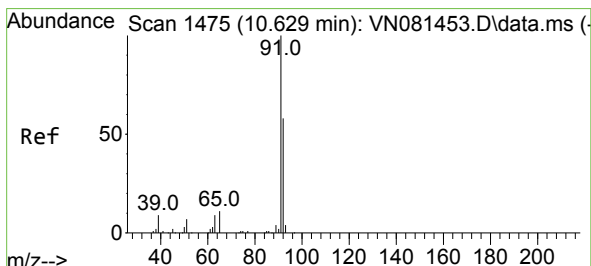
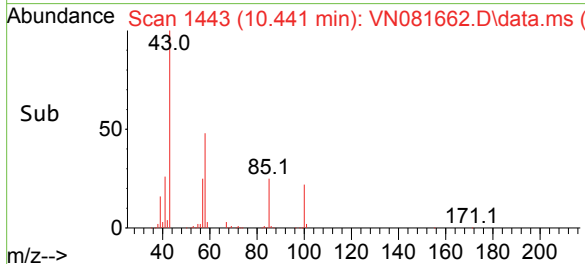
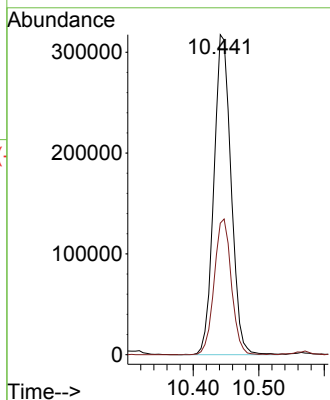
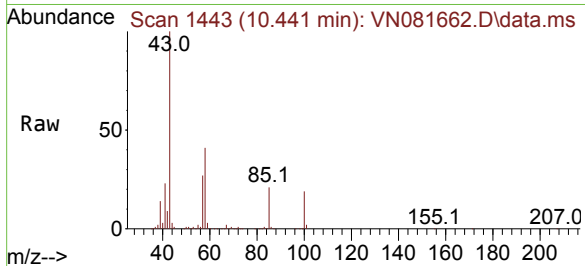




#51
4-Methyl-2-Pentanone
Concen: 97.373 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

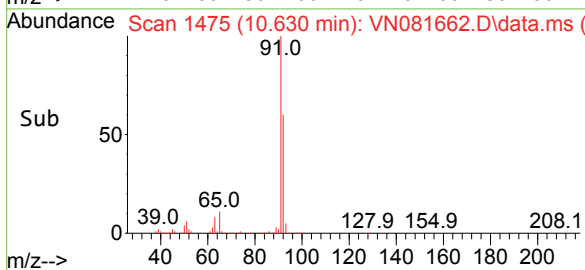
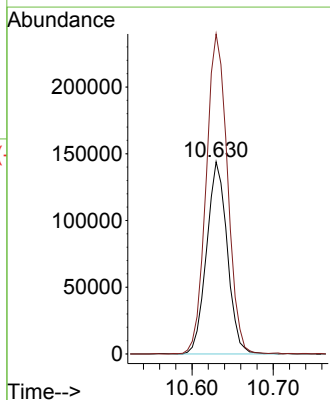
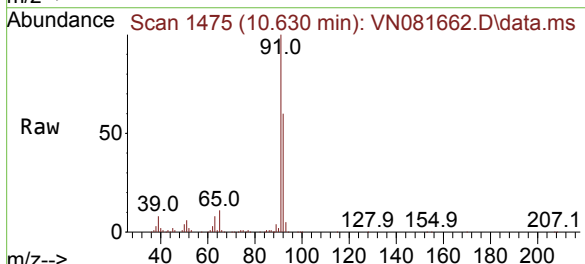
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

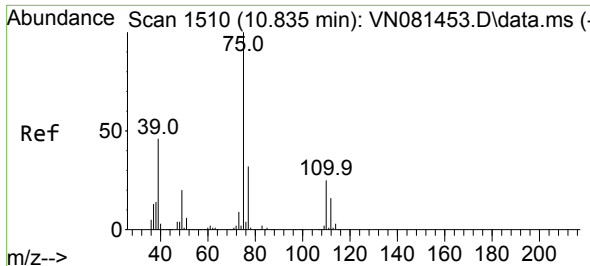
Tgt Ion: 43 Resp: 576731
Ion Ratio Lower Upper
43 100
58 42.4 29.4 44.0



#52
Toluene
Concen: 20.026 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion: 92 Resp: 254482
Ion Ratio Lower Upper
92 100
91 172.0 139.4 209.0

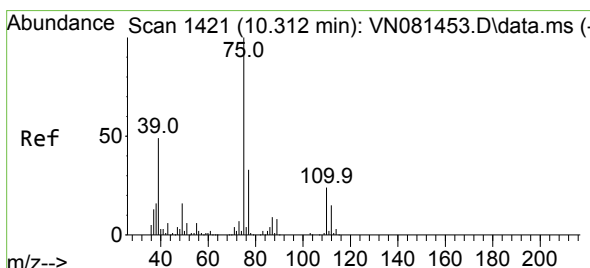
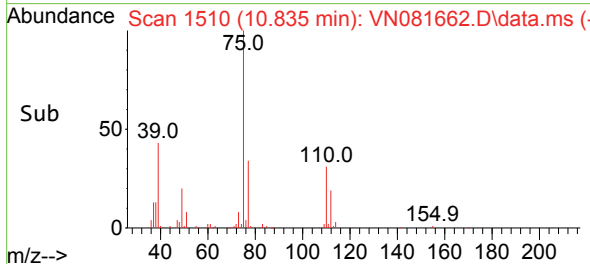
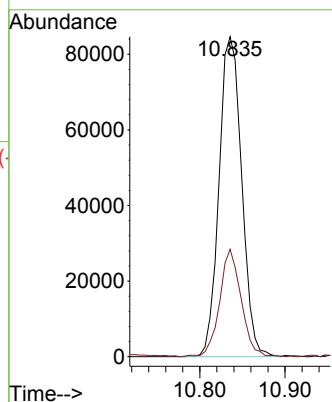
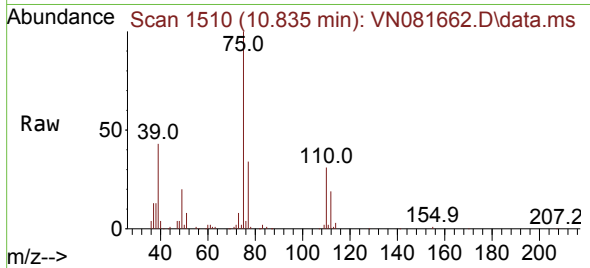




#53
t-1,3-Dichloropropene
Concen: 20.137 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

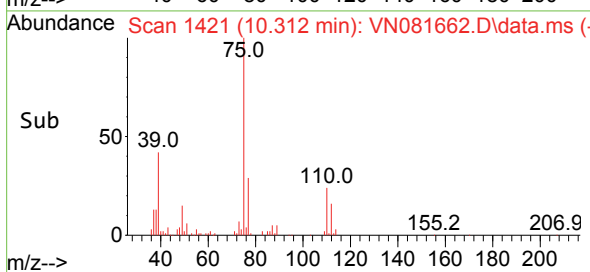
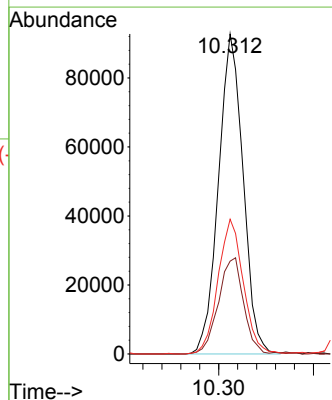
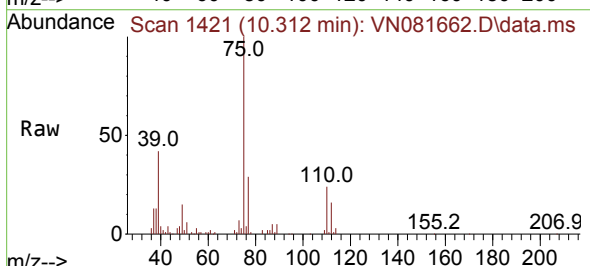
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

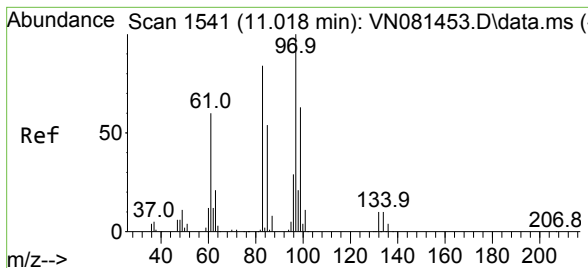
Tgt Ion: 75 Resp: 156433
Ion Ratio Lower Upper
75 100
77 33.6 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 20.085 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion: 75 Resp: 167293
Ion Ratio Lower Upper
75 100
77 29.0 23.3 34.9
39 42.1 44.6 66.8#





#55

1,1,2-Trichloroethane

Concen: 20.851 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0403MBS01

Tgt Ion: 97 Resp: 106631

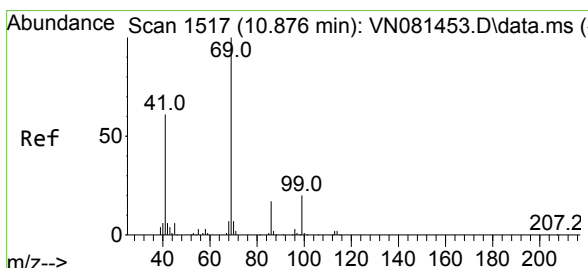
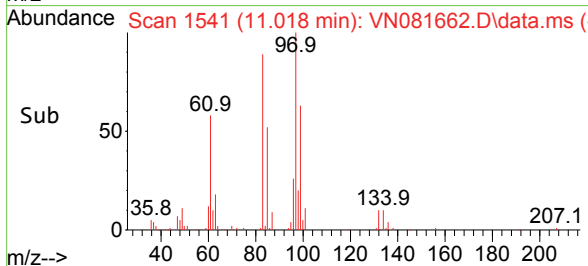
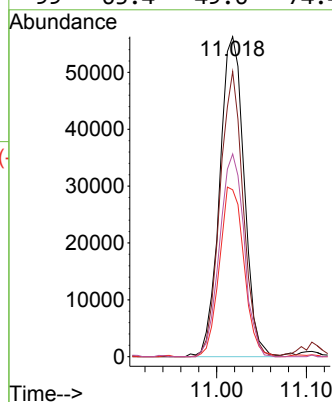
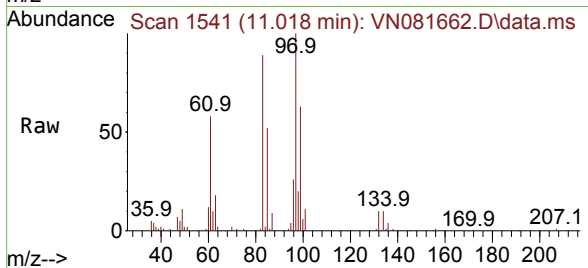
Ion Ratio Lower Upper

97 100

83 89.1 72.9 109.3

85 52.2 50.2 75.2

99 63.4 49.6 74.4



#56

Ethyl methacrylate

Concen: 20.351 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.005 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

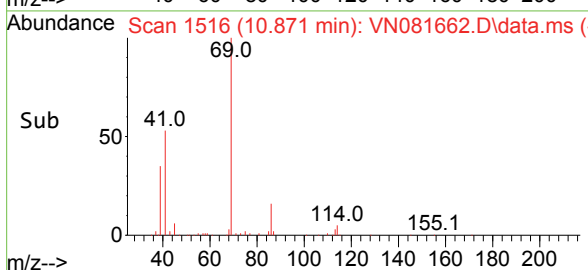
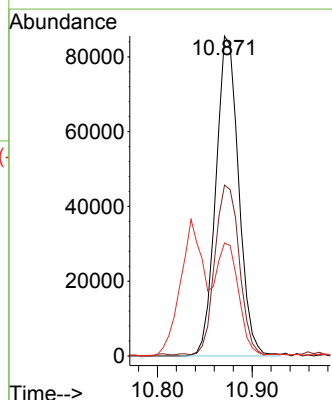
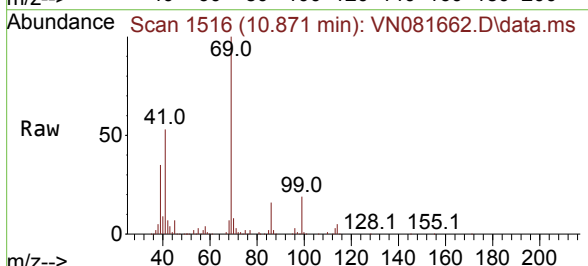
Tgt Ion: 69 Resp: 143131

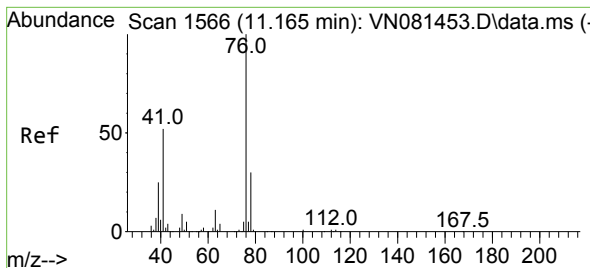
Ion Ratio Lower Upper

69 100

41 56.6 61.0 91.6#

39 31.2 31.8 47.6#





#57

1,3-Dichloropropane

Concen: 20.771 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

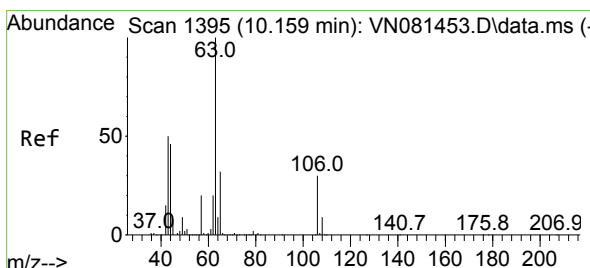
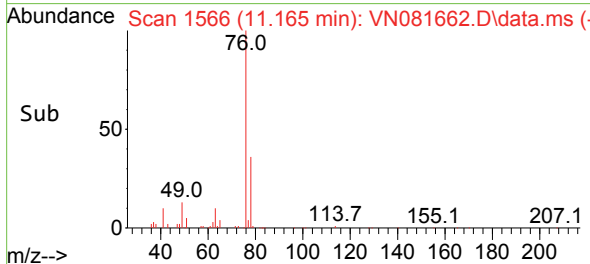
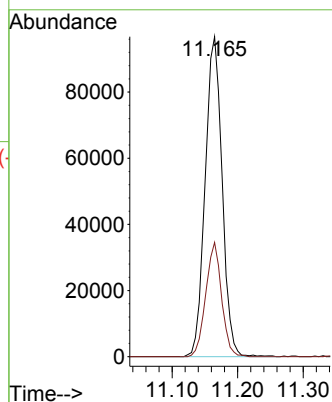
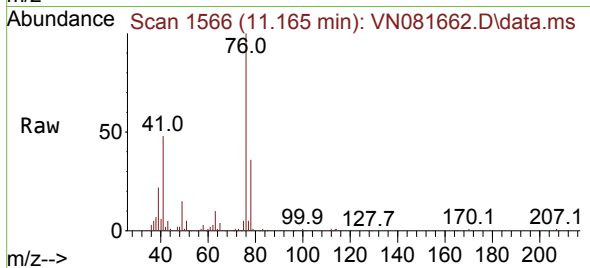
VN0403MBS01

Tgt Ion: 76 Resp: 174132

Ion Ratio Lower Upper

76 100

78 33.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 103.329 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081662.D

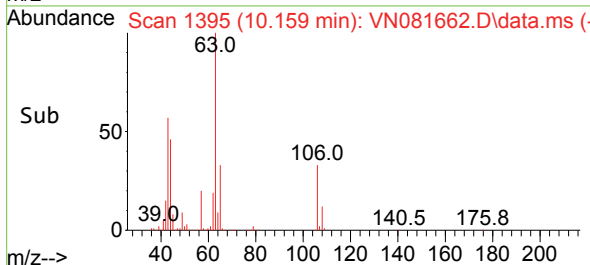
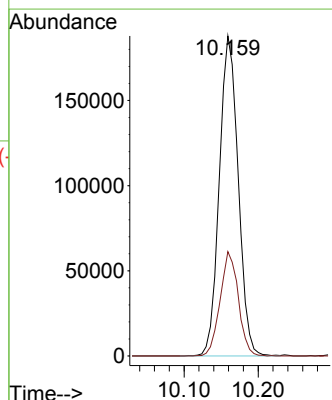
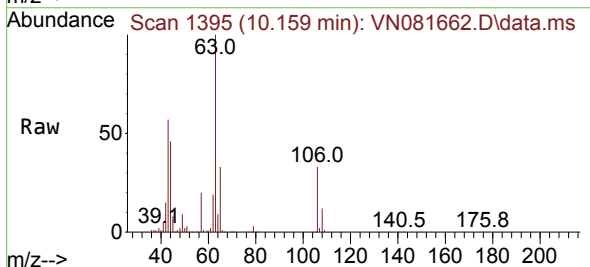
Acq: 03 Apr 2024 17:33

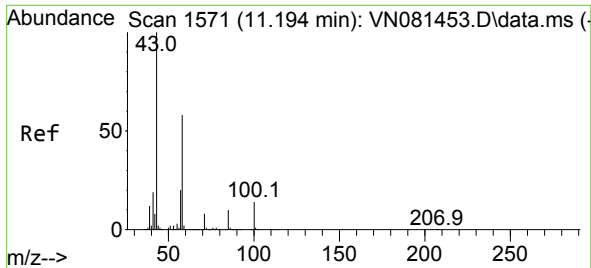
Tgt Ion: 63 Resp: 332495

Ion Ratio Lower Upper

63 100

106 31.4 18.6 28.0#

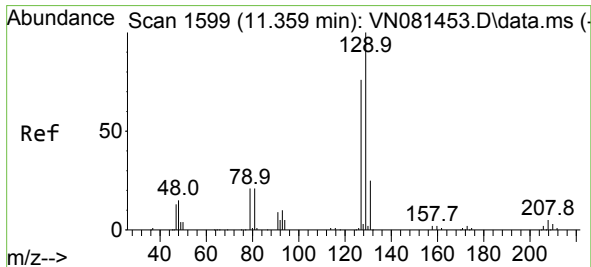
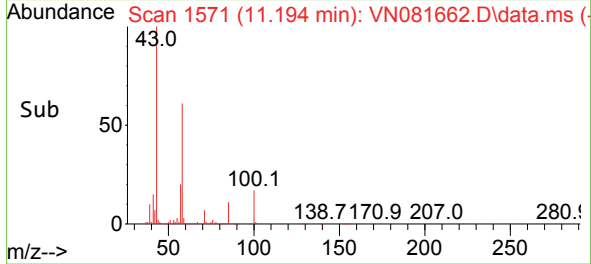
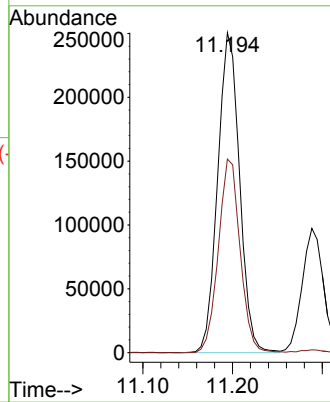
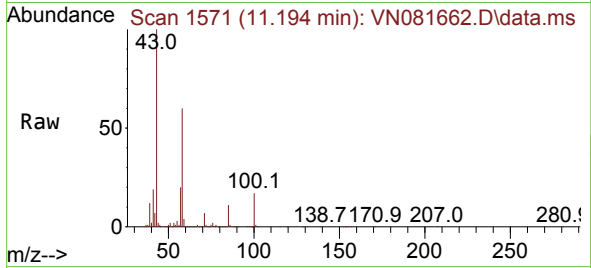




#59
2-Hexanone
Concen: 96.741 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

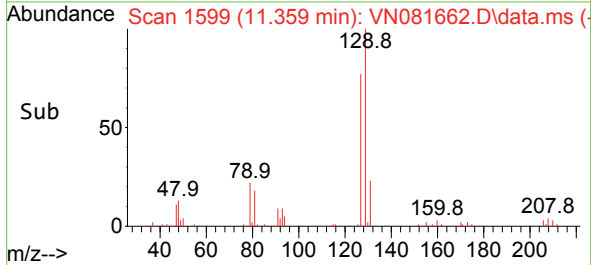
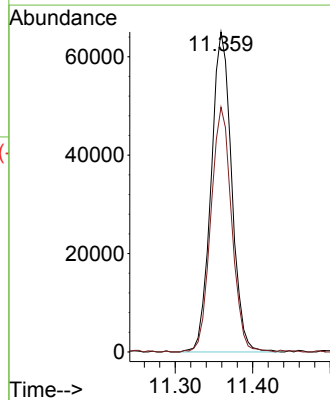
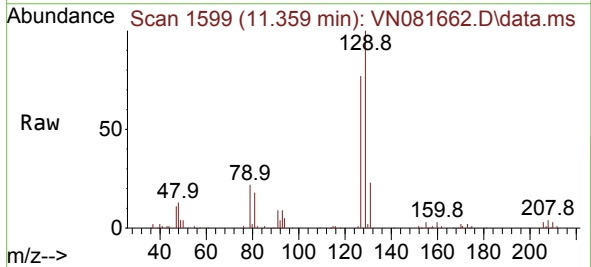
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

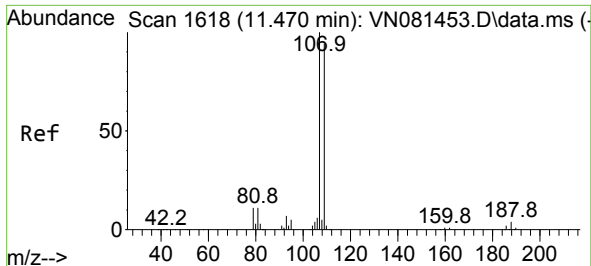
Tgt Ion: 43 Resp: 423637
Ion Ratio Lower Upper
43 100
58 60.2 25.9 77.8



#60
Dibromochloromethane
Concen: 21.277 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion: 129 Resp: 119667
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.2

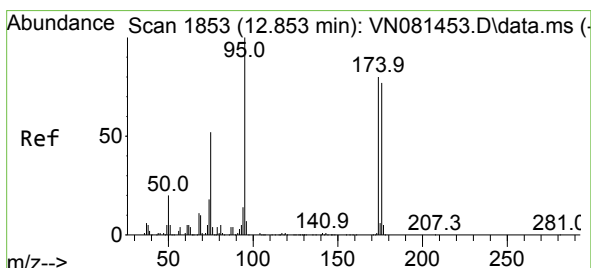
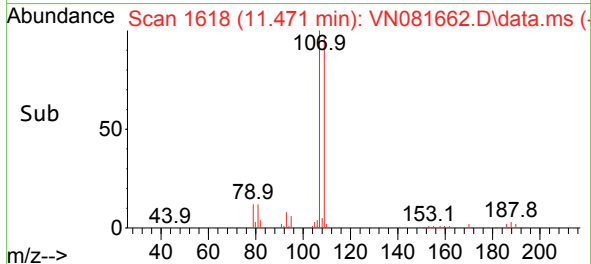
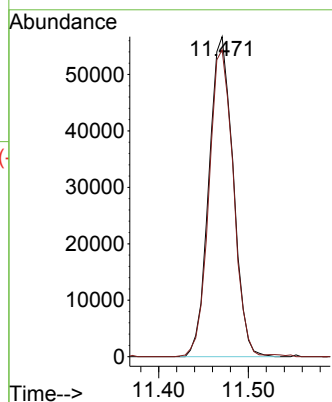
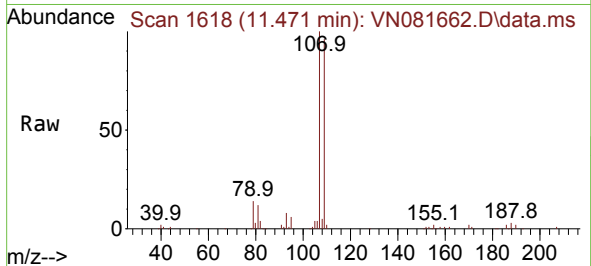




#61
1,2-Dibromoethane
Concen: 20.426 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

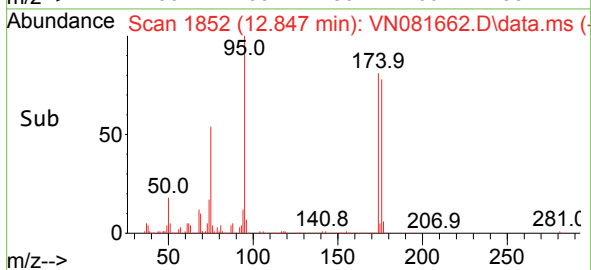
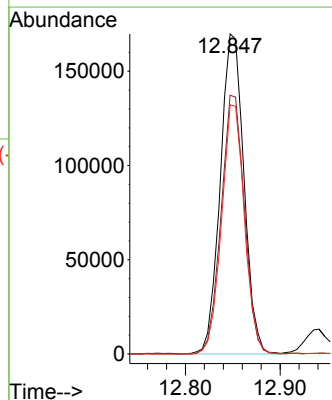
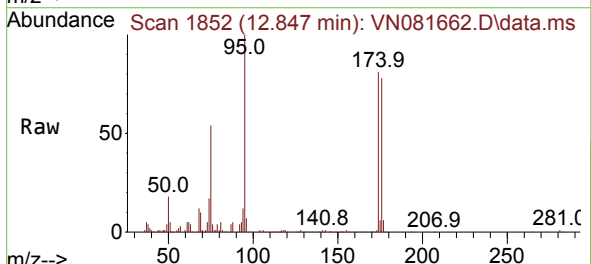
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

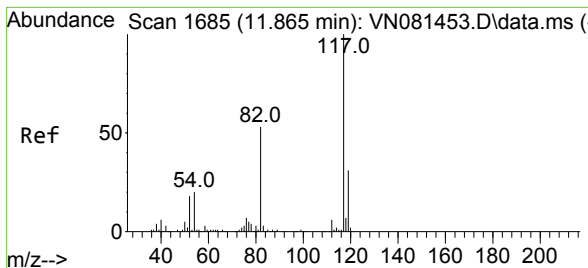
Tgt Ion:107 Resp: 106499
Ion Ratio Lower Upper
107 100
109 96.2 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 56.927 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion: 95 Resp: 294652
Ion Ratio Lower Upper
95 100
174 79.8 0.0 120.4
176 75.4 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0403MBS01

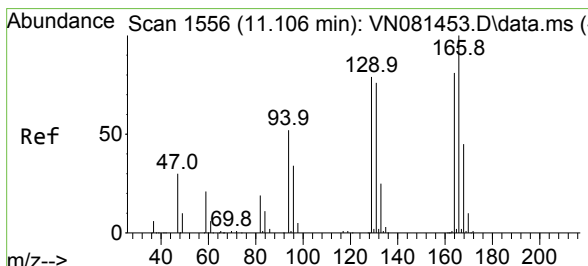
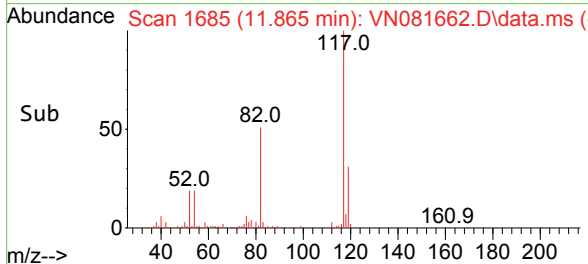
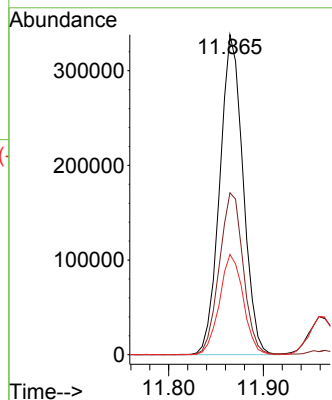
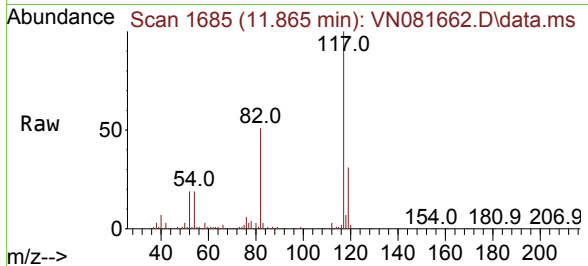
Tgt Ion:117 Resp: 578278

Ion Ratio Lower Upper

117 100

82 50.5 52.7 79.1#

119 31.3 25.3 37.9



#64

Tetrachloroethene

Concen: 21.132 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.006 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Tgt Ion:164 Resp: 116809

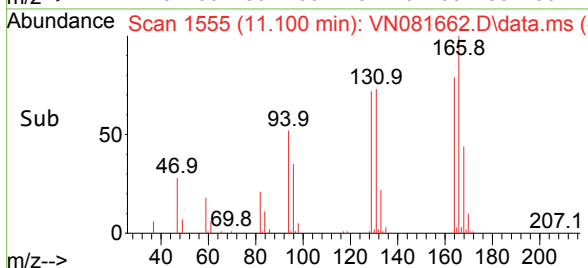
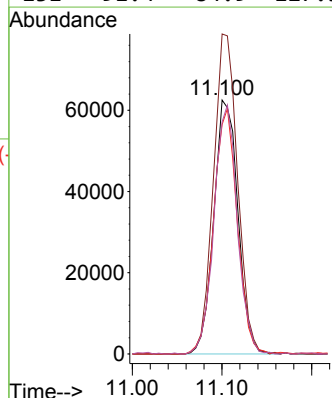
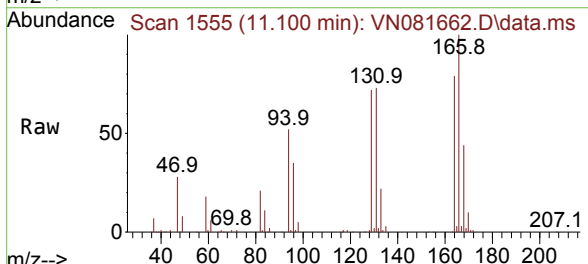
Ion Ratio Lower Upper

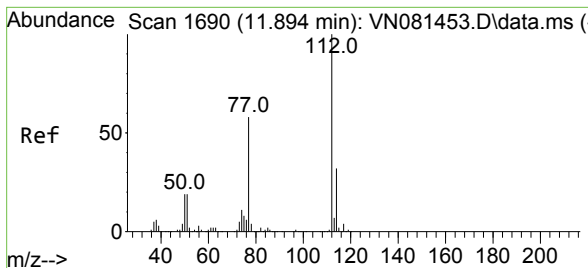
164 100

166 126.0 105.8 158.6

129 90.4 89.6 134.4

131 91.4 84.9 127.3

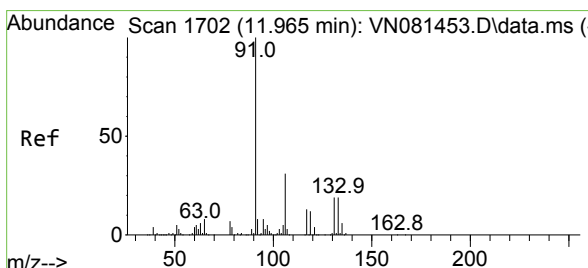
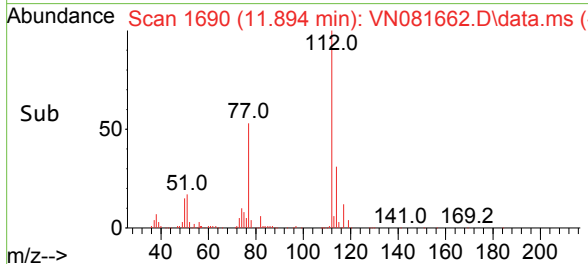
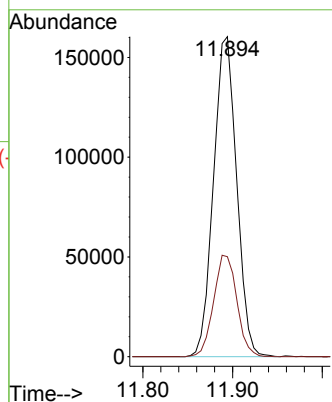
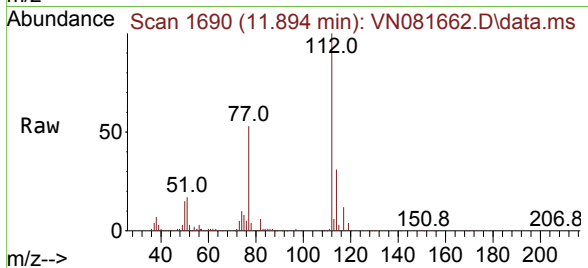




#65
Chlorobenzene
Concen: 20.991 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

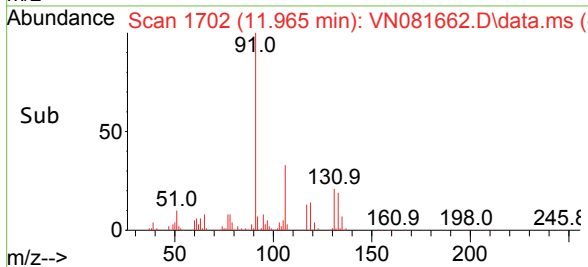
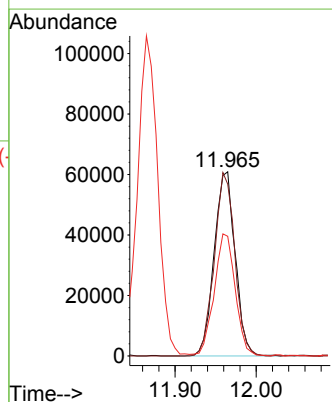
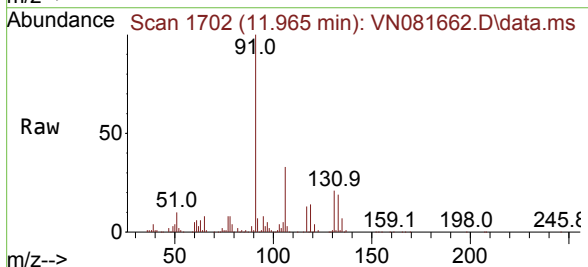
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

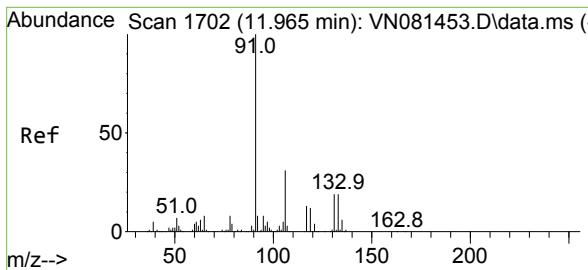
Tgt Ion:112 Resp: 286963
Ion Ratio Lower Upper
112 100
114 31.3 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.632 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion:131 Resp: 109600
Ion Ratio Lower Upper
131 100
133 97.3 46.8 140.3
119 66.5 34.6 103.9

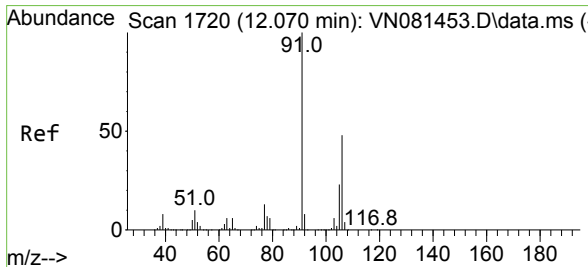
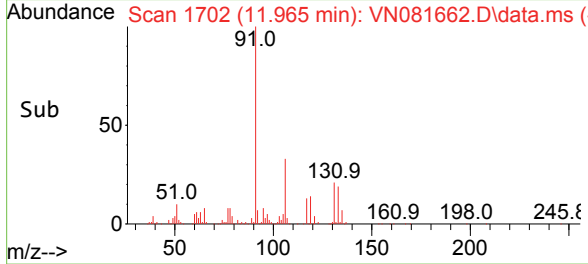
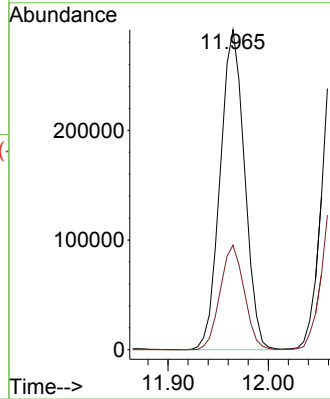
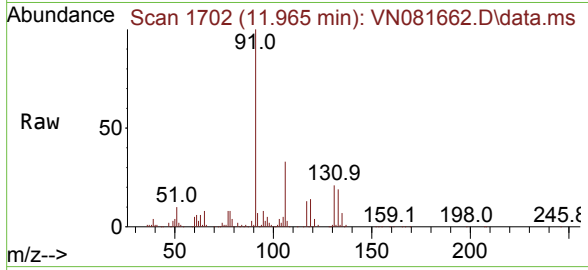




#67
Ethyl Benzene
Concen: 20.701 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

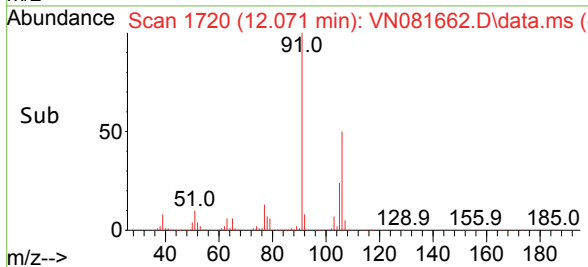
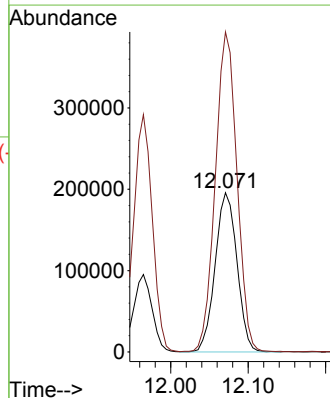
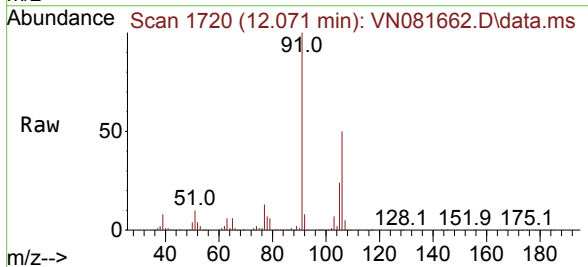
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

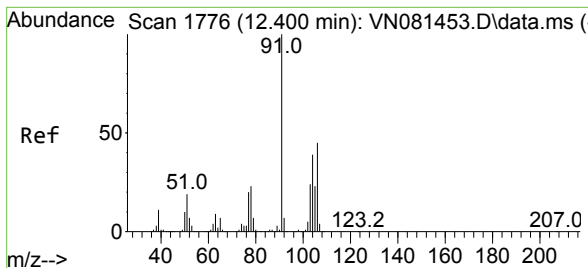
Tgt Ion: 91 Resp: 491573
Ion Ratio Lower Upper
91 100
106 32.6 23.8 35.6



#68
m/p-Xylenes
Concen: 43.063 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion: 106 Resp: 383357
Ion Ratio Lower Upper
106 100
91 199.2 169.0 253.6

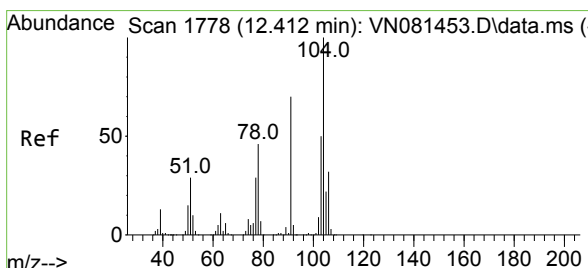
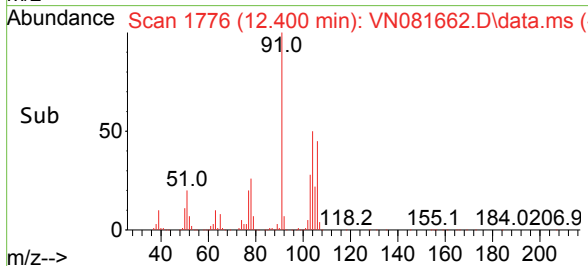
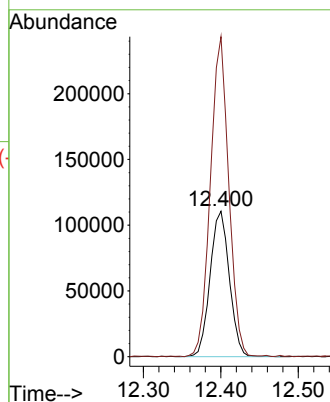
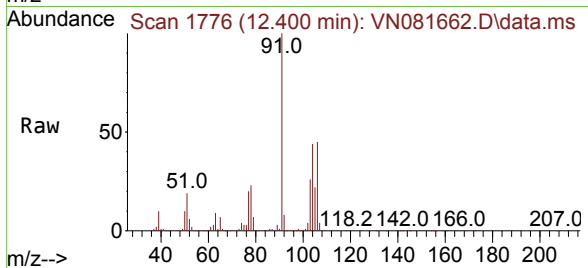




#69
o-Xylene
Concen: 21.835 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

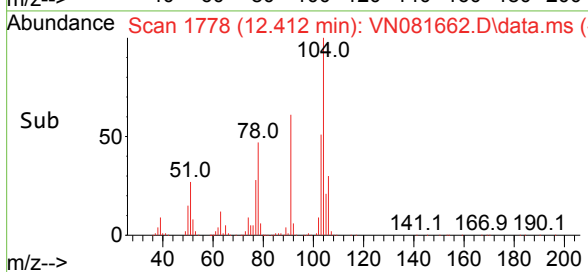
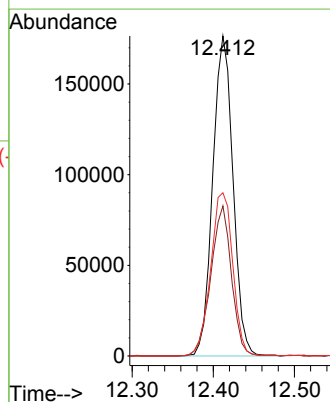
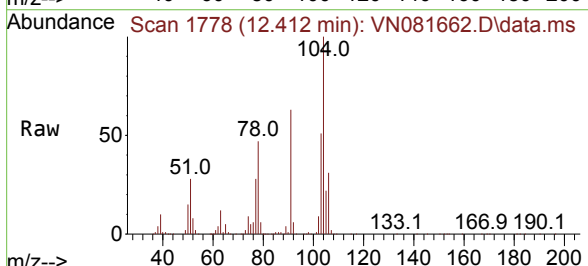
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

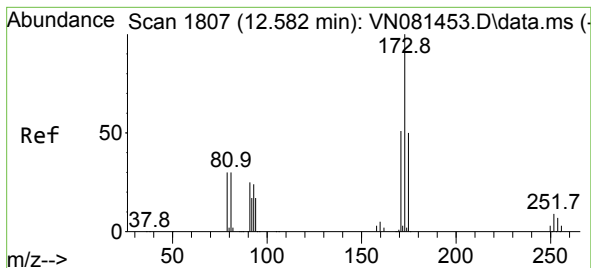
Tgt Ion:106 Resp: 190830
Ion Ratio Lower Upper
106 100
91 209.6 112.1 336.3



#70
Styrene
Concen: 21.672 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion:104 Resp: 305476
Ion Ratio Lower Upper
104 100
78 48.1 43.8 65.8
103 55.9 44.2 66.2





#71

Bromoform

Concen: 21.232 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0403MBS01

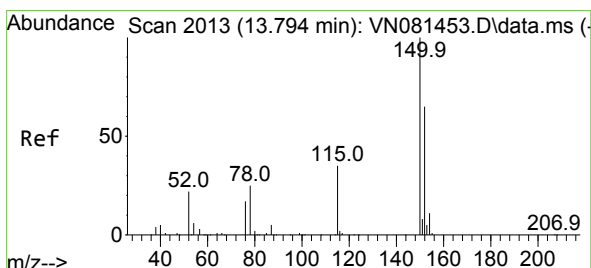
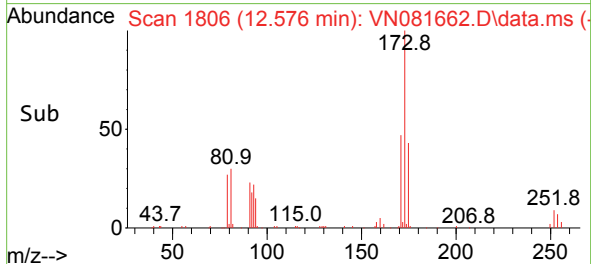
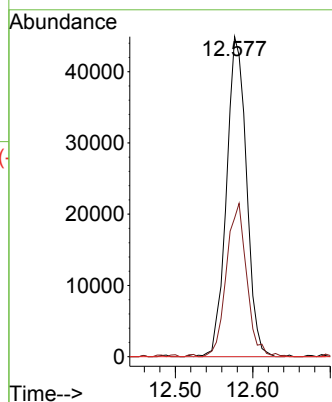
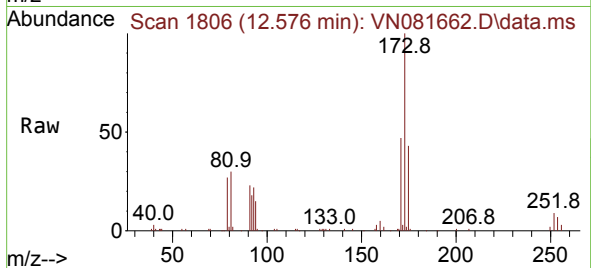
Tgt Ion:173 Resp: 80839

Ion Ratio Lower Upper

173 100

175 48.7 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: VN081662.D

Acq: 03 Apr 2024 17:33

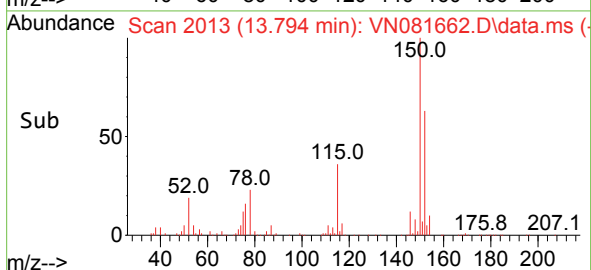
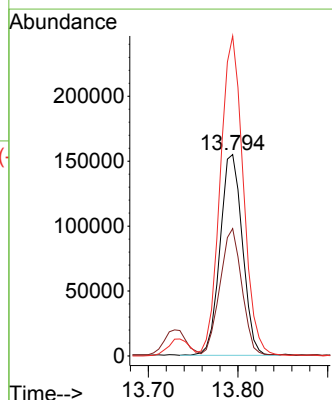
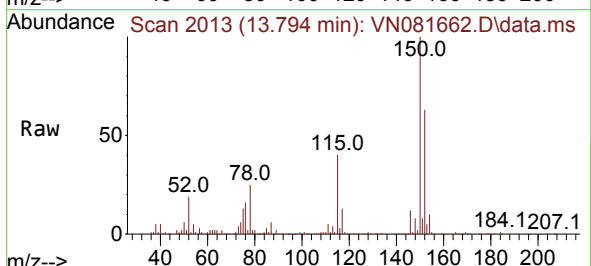
Tgt Ion:152 Resp: 267789

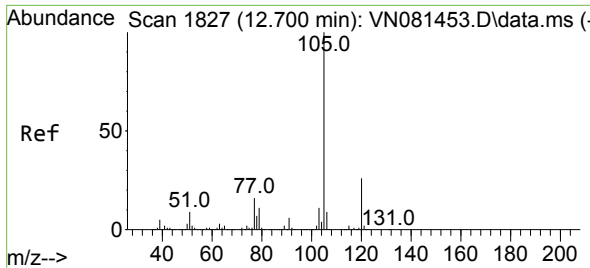
Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 163.7 0.0 339.8

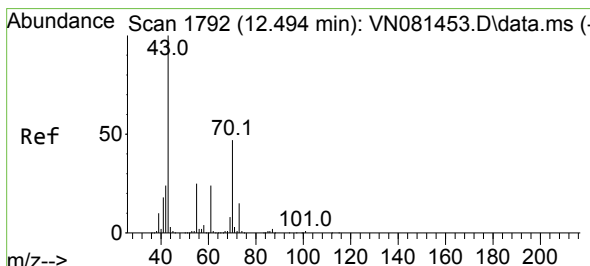
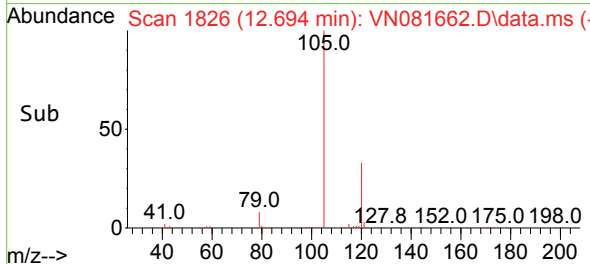
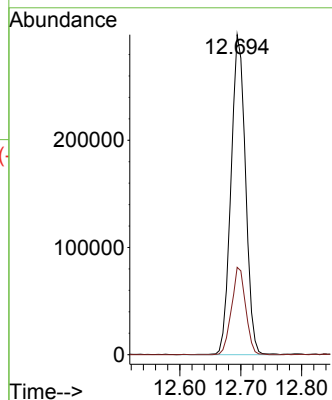
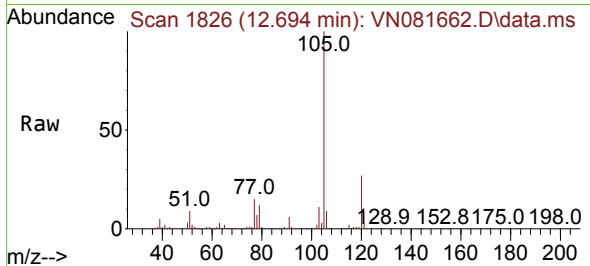




#73
Isopropylbenzene
Concen: 21.668 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

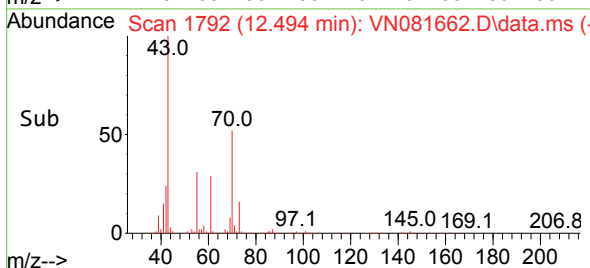
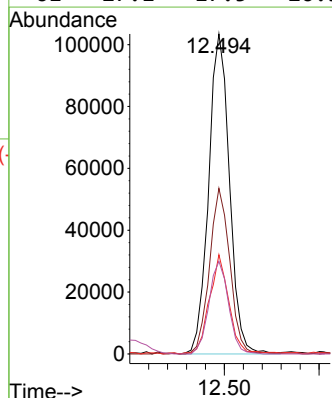
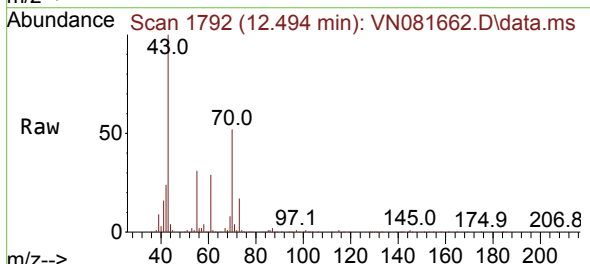
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBS01

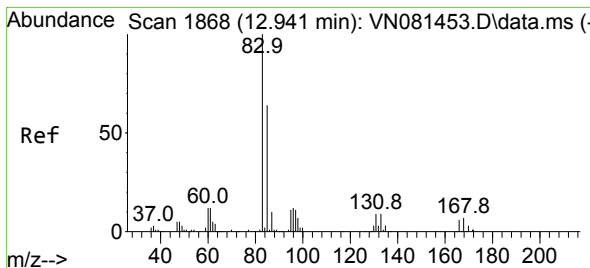
Tgt Ion:105 Resp: 494616
Ion Ratio Lower Upper
105 100
120 26.5 12.6 37.6



#74
N-ethyl acetate
Concen: 19.207 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion: 43 Resp: 158661
Ion Ratio Lower Upper
43 100
70 50.4 30.1 45.1#
55 29.2 17.0 25.4#
61 27.1 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.717 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0403MBS01

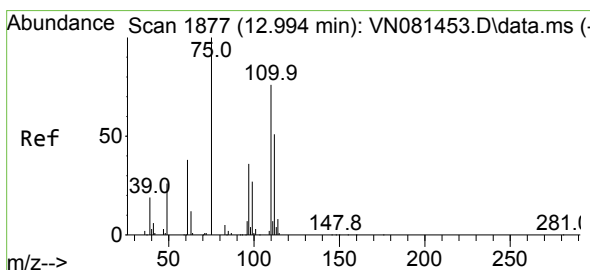
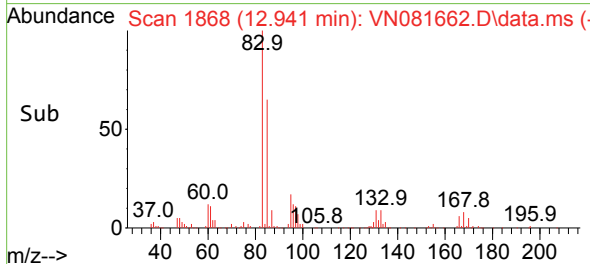
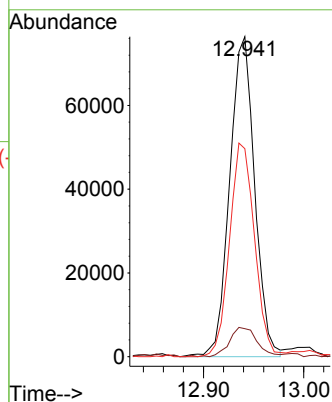
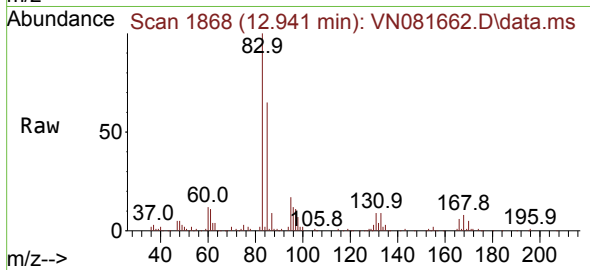
Tgt Ion: 83 Resp: 132331

Ion Ratio Lower Upper

83 100

131 10.1 4.1 12.3

85 67.0 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 28.535 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN081662.D

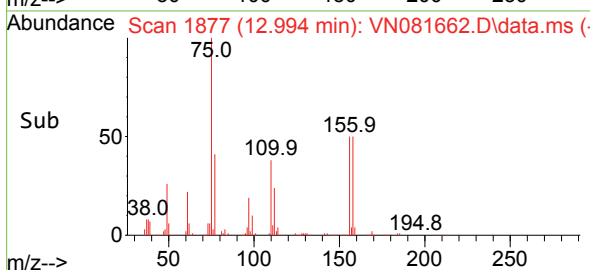
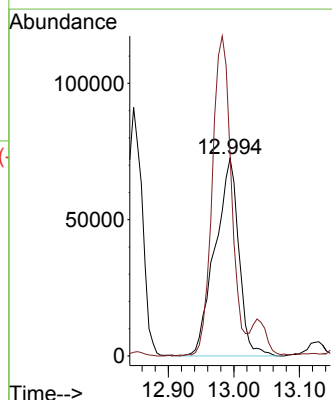
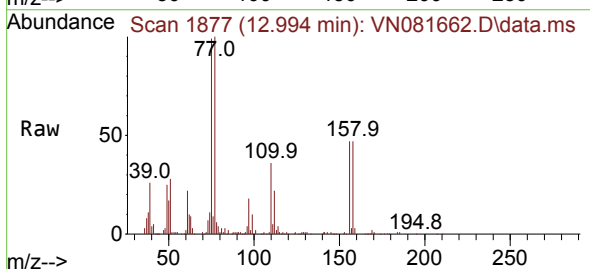
Acq: 03 Apr 2024 17:33

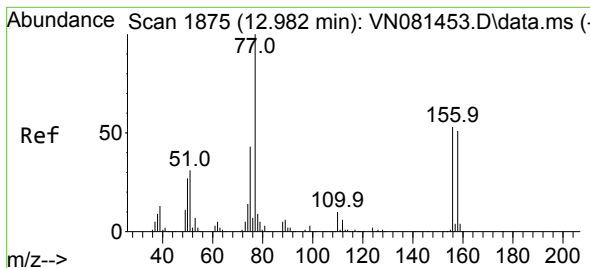
Tgt Ion: 75 Resp: 182788

Ion Ratio Lower Upper

75 100

77 129.7 91.0 272.8





#77

Bromobenzene

Concen: 20.859 ug/l

RT: 12.982 min Scan# 117617

Delta R.T. 0.000 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0403MBS01

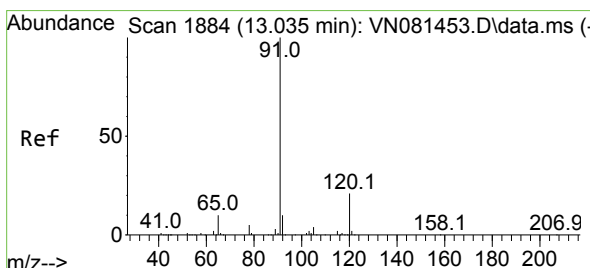
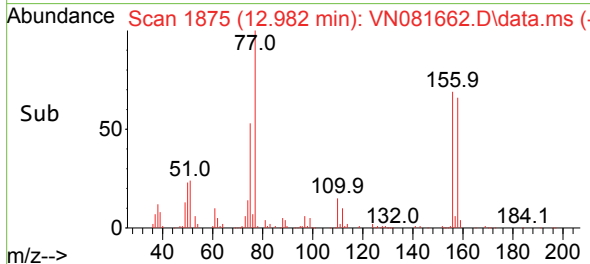
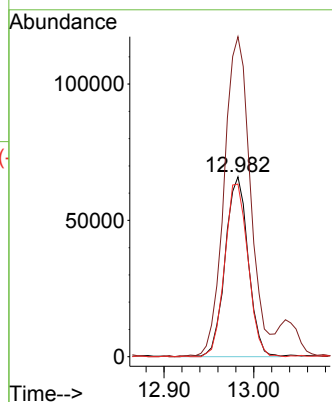
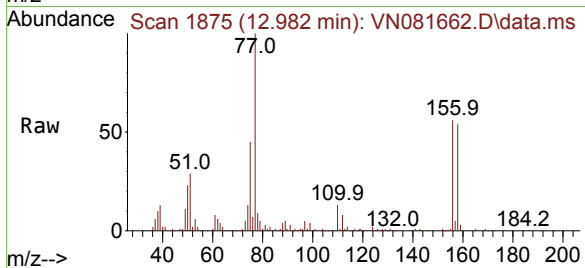
Tgt Ion:156 Resp: 117617

Ion Ratio Lower Upper

156 100

77 201.6 138.1 414.3

158 97.2 46.5 139.5



#78

n-propylbenzene

Concen: 21.025 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081662.D

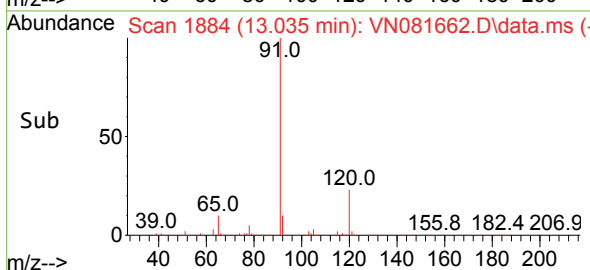
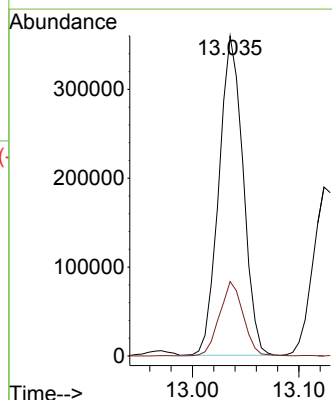
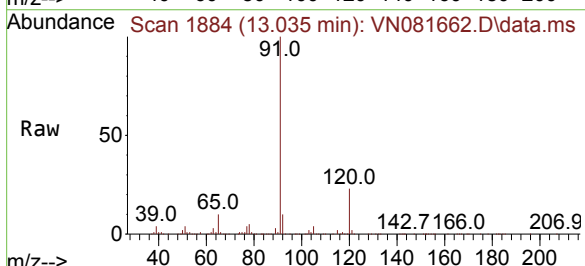
Acq: 03 Apr 2024 17:33

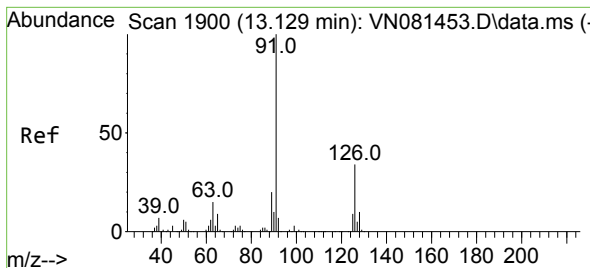
Tgt Ion: 91 Resp: 566759

Ion Ratio Lower Upper

91 100

120 22.7 10.3 30.9





#79

2-Chlorotoluene

Concen: 21.276 ug/l

RT: 13.124 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

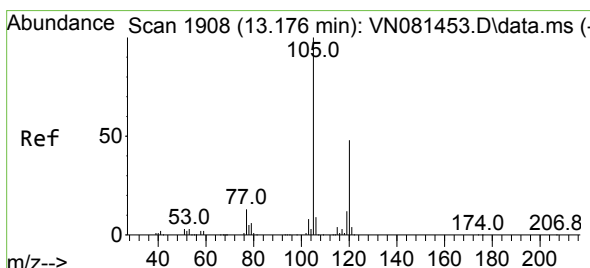
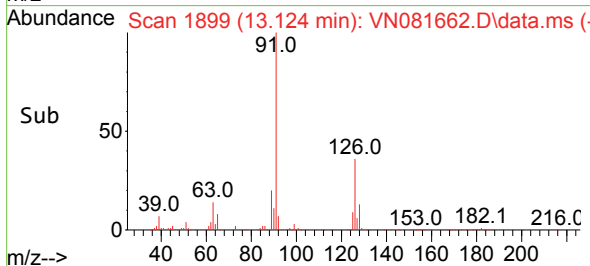
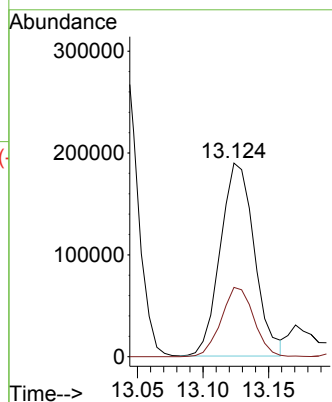
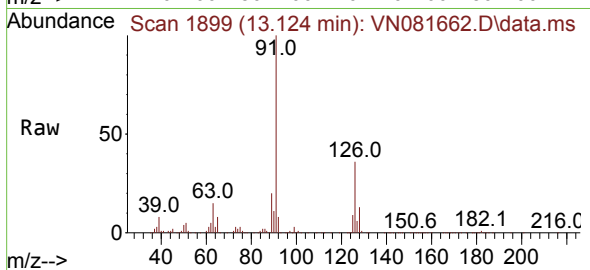
VN0403MBS01

Tgt Ion: 91 Resp: 343273

Ion Ratio Lower Upper

91 100

126 34.3 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 21.945 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN081662.D

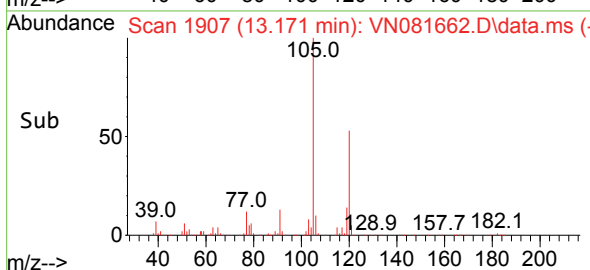
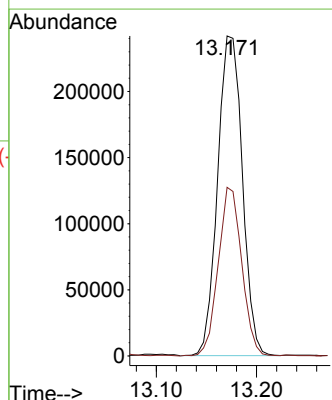
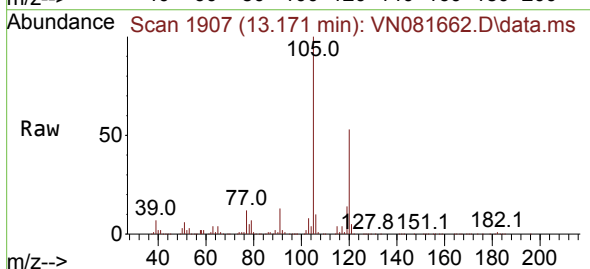
Acq: 03 Apr 2024 17:33

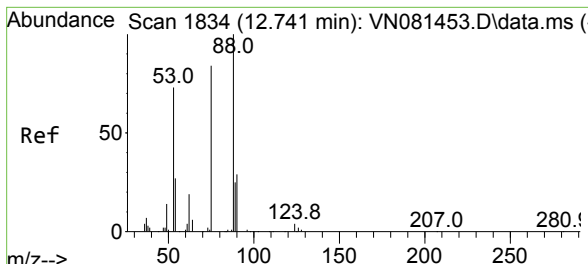
Tgt Ion: 105 Resp: 413750

Ion Ratio Lower Upper

105 100

120 50.1 23.0 69.0

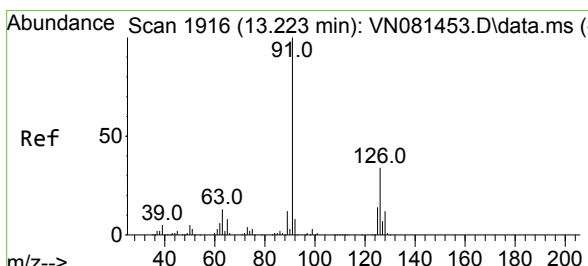
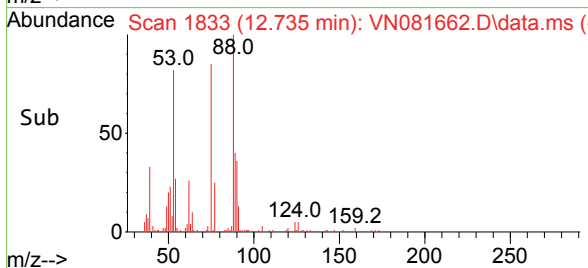
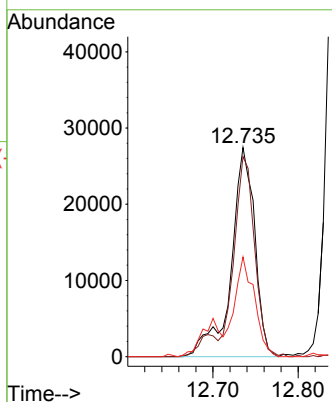
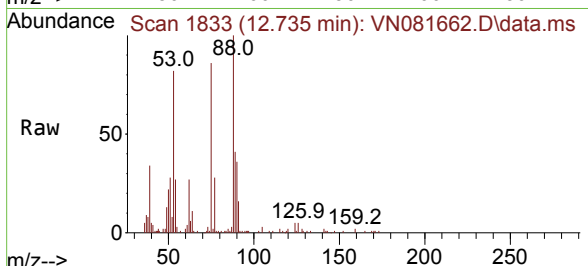




#81
trans-1,4-Dichloro-2-butene
Concen: 22.310 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

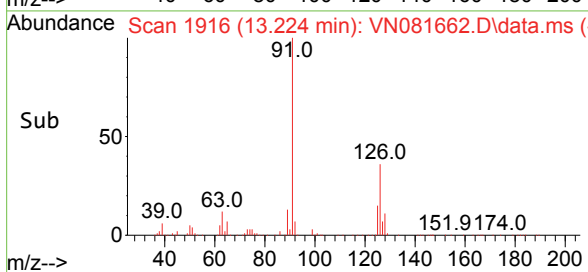
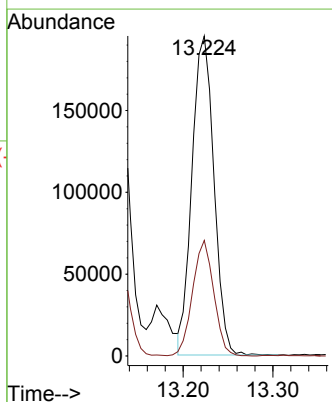
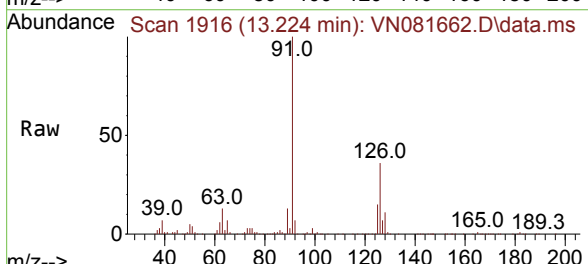
Instrument : MSVOA_N
ClientSampleId : VN0403MBS01

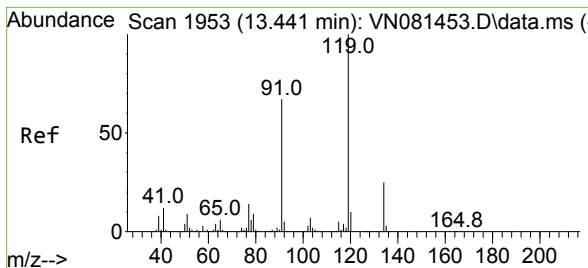
Tgt Ion:	75	Resp:	52884
Ion	Ratio	Lower	Upper
75	100		
53	82.8	71.4	107.2
89	40.3	33.4	50.0



#82
4-Chlorotoluene
Concen: 20.779 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081662.D
Acq: 03 Apr 2024 17:33

Tgt Ion:	91	Resp:	330531
Ion	Ratio	Lower	Upper
91	100		
126	35.1	15.3	45.9





#83

tert-Butylbenzene

Concen: 22.562 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0403MBS01

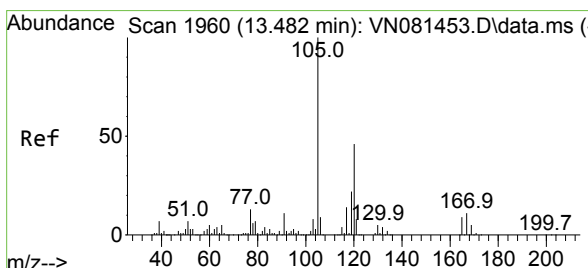
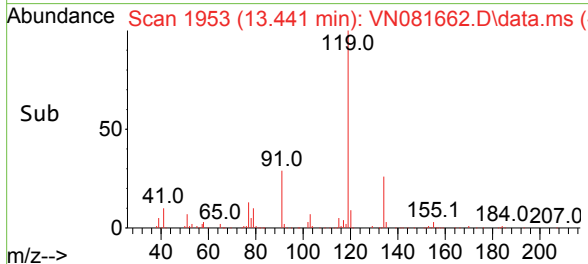
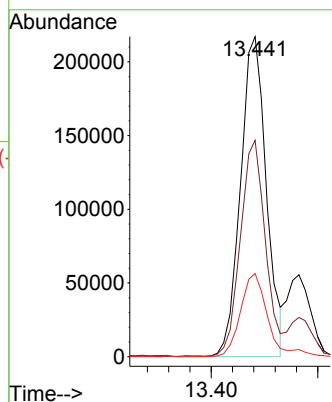
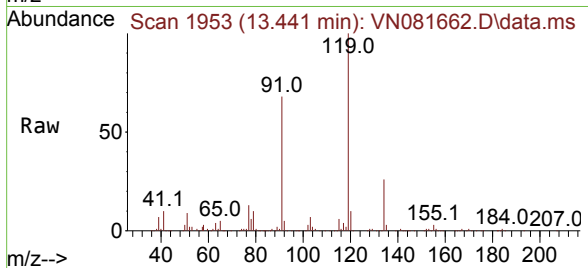
Tgt Ion:119 Resp: 366809

Ion Ratio Lower Upper

119 100

91 65.0 36.8 110.4

134 27.5 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 21.880 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081662.D

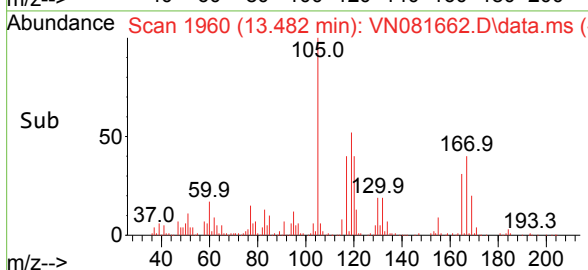
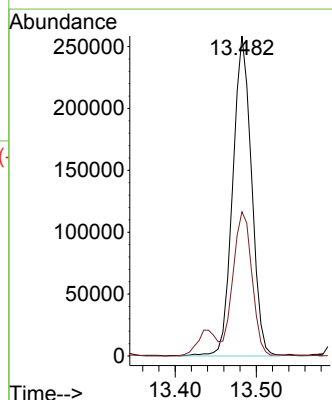
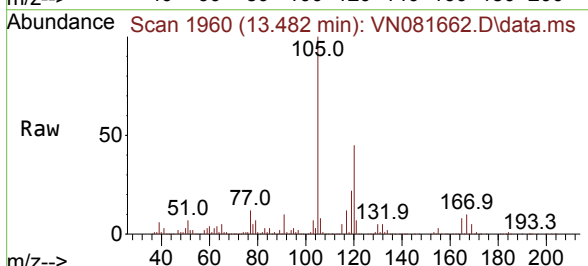
Acq: 03 Apr 2024 17:33

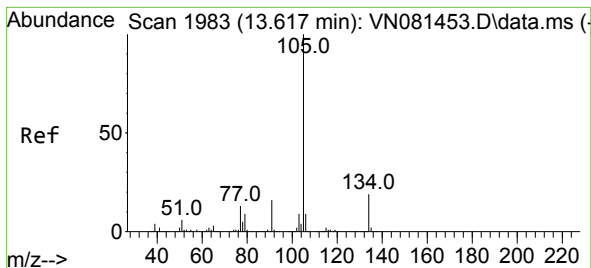
Tgt Ion:105 Resp: 414618

Ion Ratio Lower Upper

105 100

120 46.1 20.9 62.7





#85

sec-Butylbenzene

Concen: 21.849 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

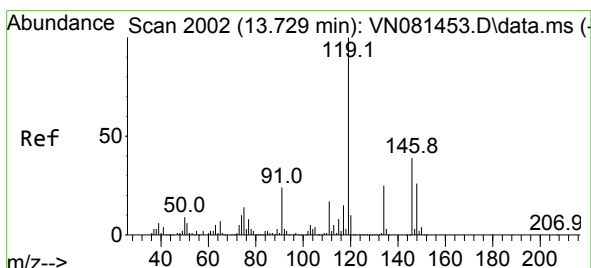
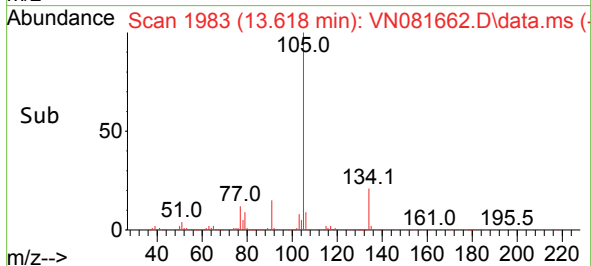
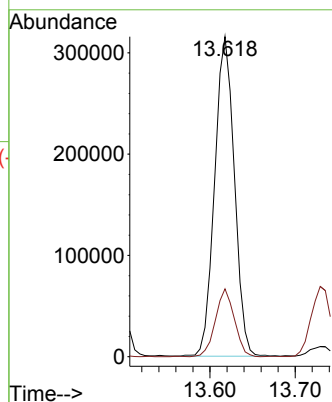
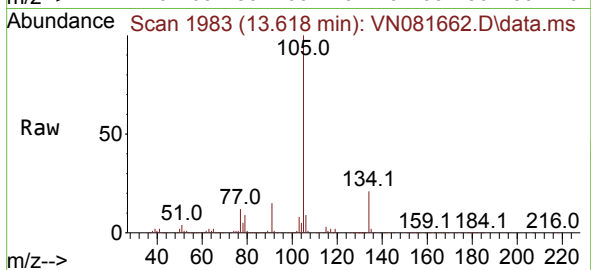
VN0403MBS01

Tgt Ion:105 Resp: 507811

Ion Ratio Lower Upper

105 100

134 20.3 8.6 25.8



#86

p-Isopropyltoluene

Concen: 22.231 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

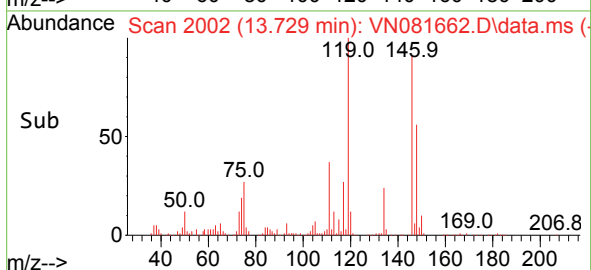
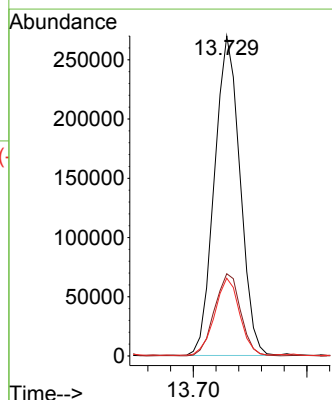
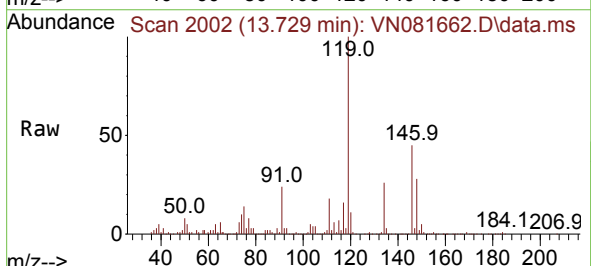
Tgt Ion:119 Resp: 422356

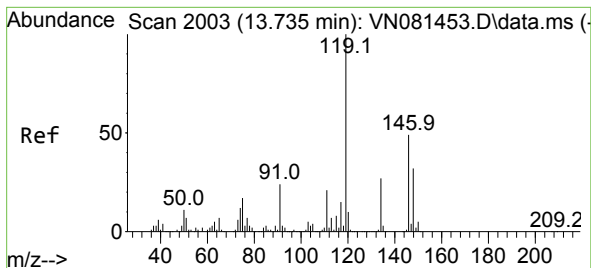
Ion Ratio Lower Upper

119 100

134 26.1 12.4 37.2

91 23.5 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 21.452 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0403MBS01

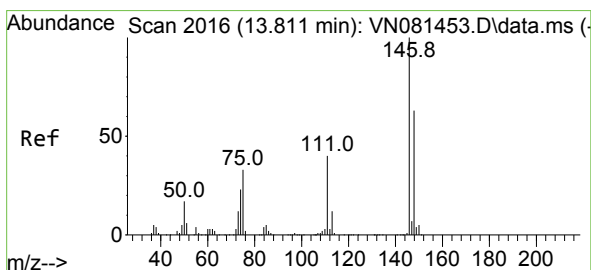
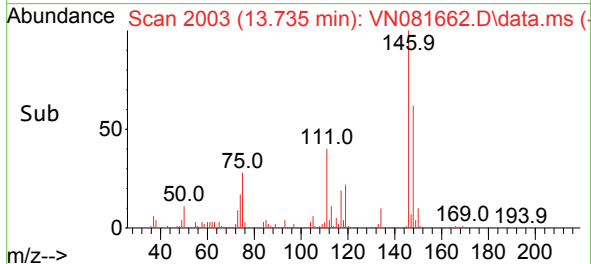
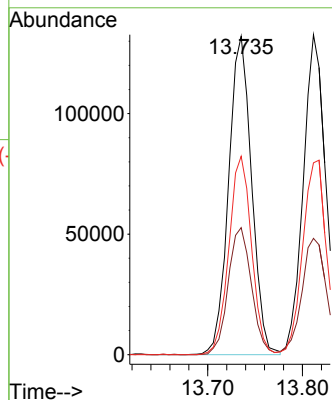
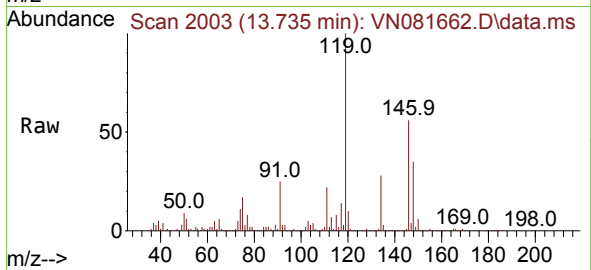
Tgt Ion:146 Resp: 222248

Ion Ratio Lower Upper

146 100

111 40.5 23.9 71.7

148 61.4 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 20.261 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

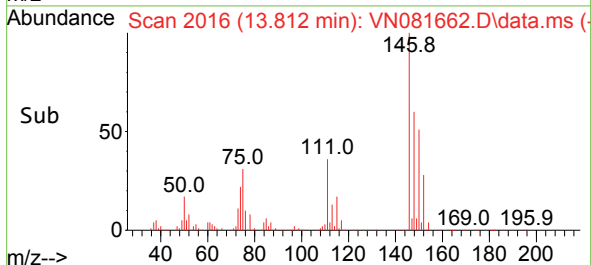
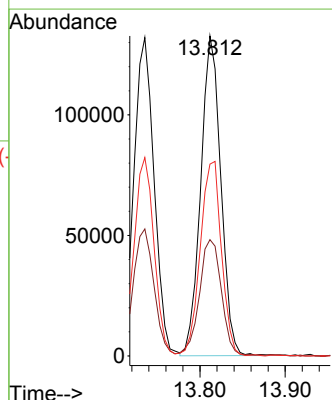
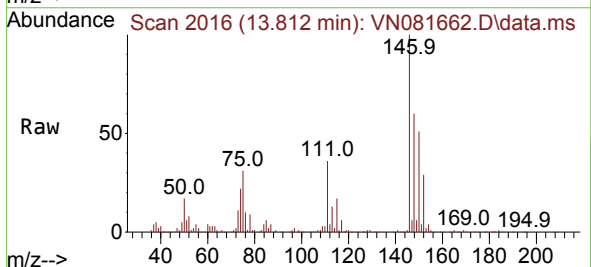
Tgt Ion:146 Resp: 217347

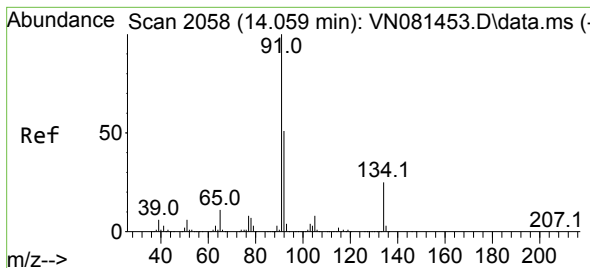
Ion Ratio Lower Upper

146 100

111 39.7 22.6 67.7

148 63.9 31.9 95.5





#89

n-Butylbenzene

Concen: 21.474 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0403MBS01

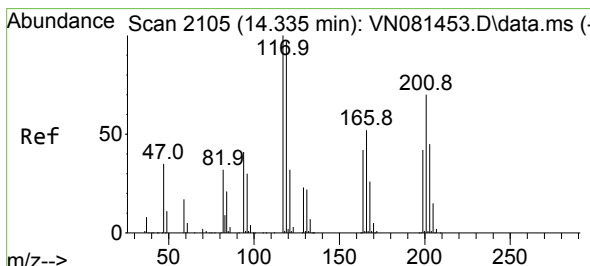
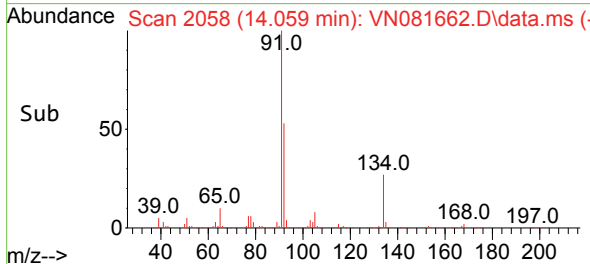
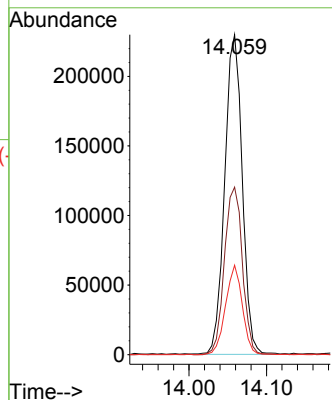
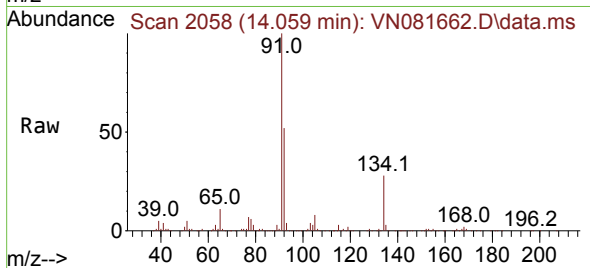
Tgt Ion: 91 Resp: 361773

Ion Ratio Lower Upper

91 100

92 53.8 26.7 80.1

134 26.9 10.8 32.4



#90

Hexachloroethane

Concen: 20.926 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081662.D

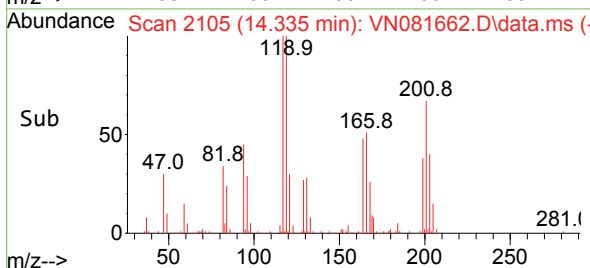
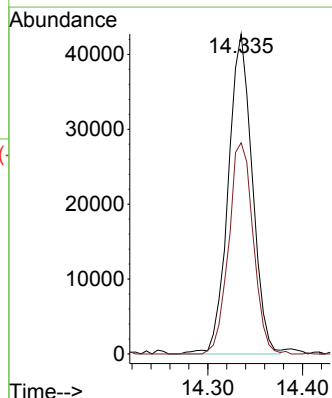
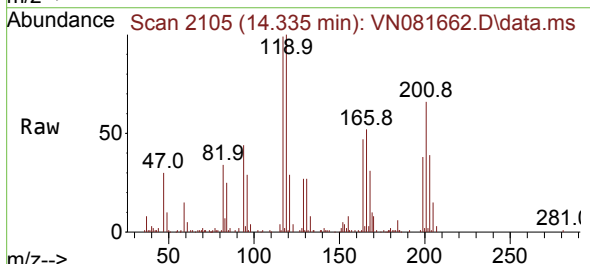
Acq: 03 Apr 2024 17:33

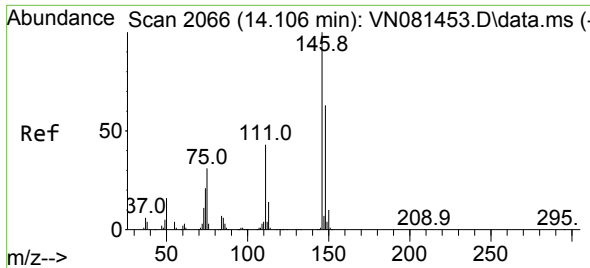
Tgt Ion: 117 Resp: 75292

Ion Ratio Lower Upper

117 100

201 67.3 30.0 90.0

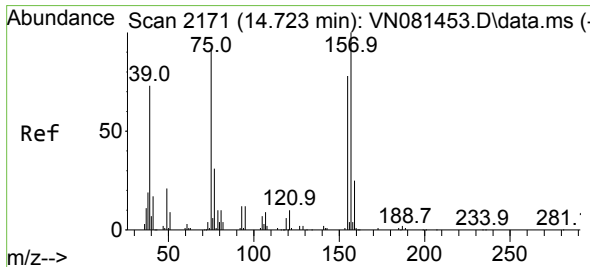
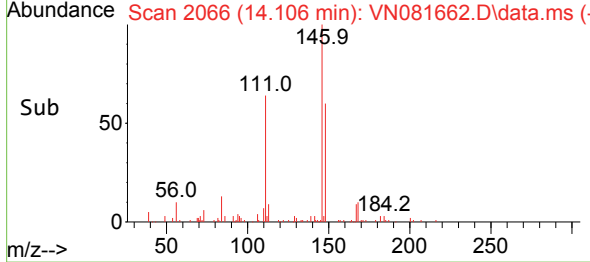
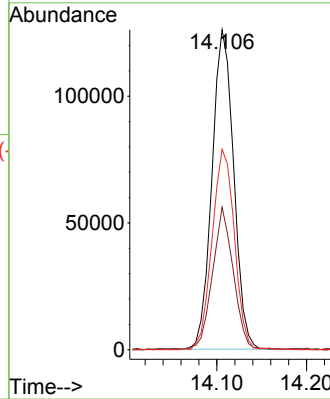
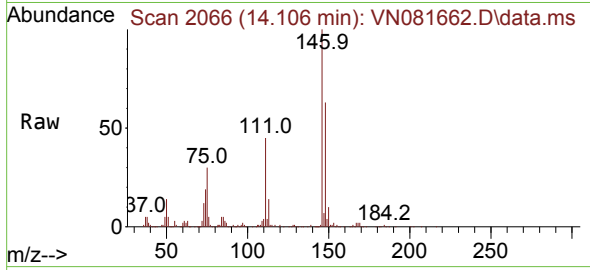




#91
 1,2-Dichlorobenzene
 Concen: 21.196 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN081662.D
 Acq: 03 Apr 2024 17:33

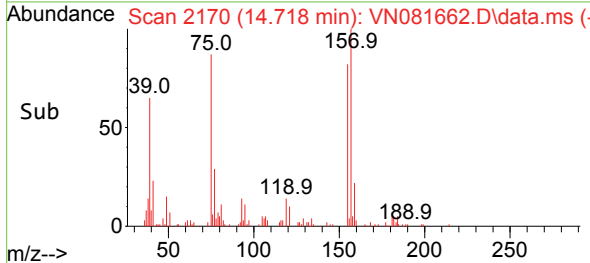
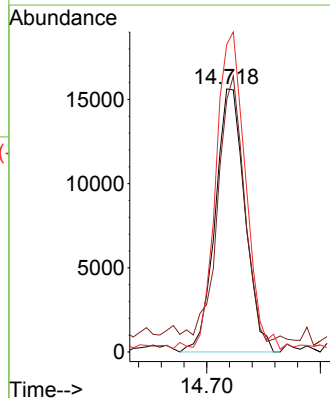
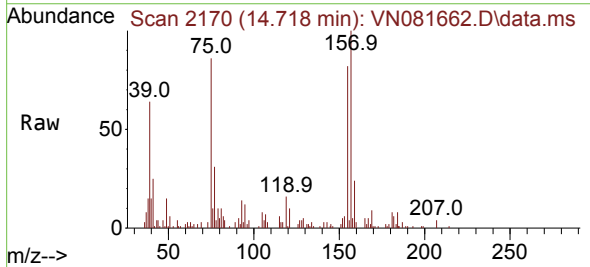
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403MBS01

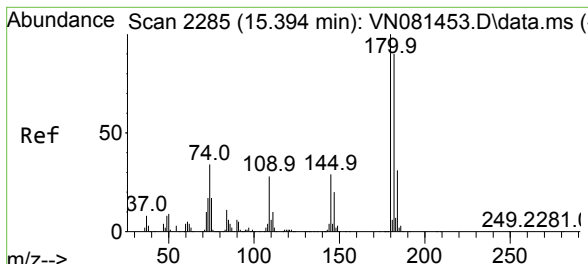
Tgt Ion:146 Resp: 211362
 Ion Ratio Lower Upper
 146 100
 111 42.6 23.9 71.8
 148 64.7 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.831 ug/l
 RT: 14.718 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN081662.D
 Acq: 03 Apr 2024 17:33

Tgt Ion: 75 Resp: 28324
 Ion Ratio Lower Upper
 75 100
 155 87.9 31.8 95.4
 157 119.1 41.1 123.4

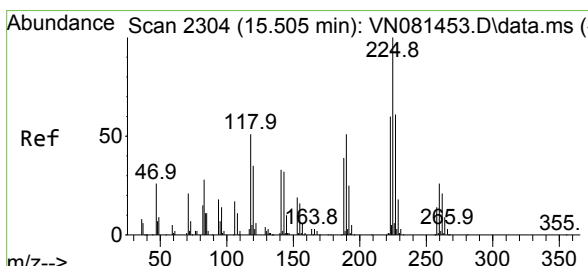
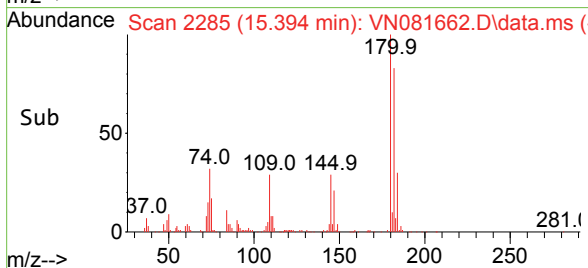
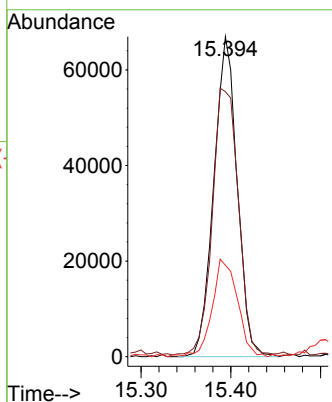
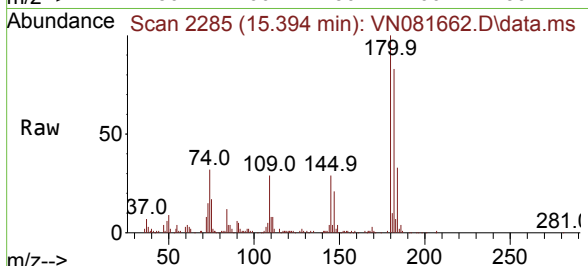




#93
 1,2,4-Trichlorobenzene
 Concen: 20.960 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081662.D
 Acq: 03 Apr 2024 17:33

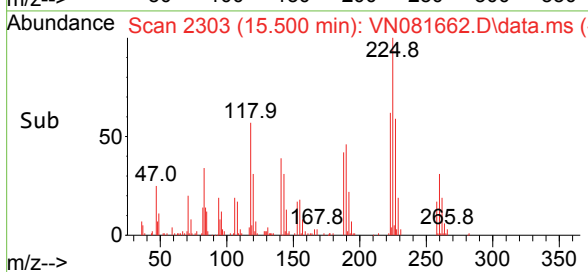
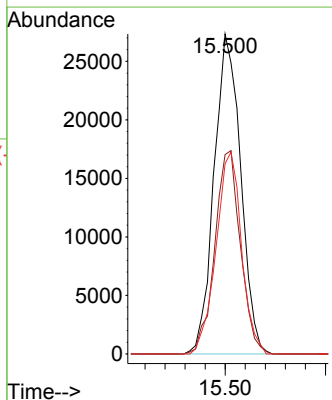
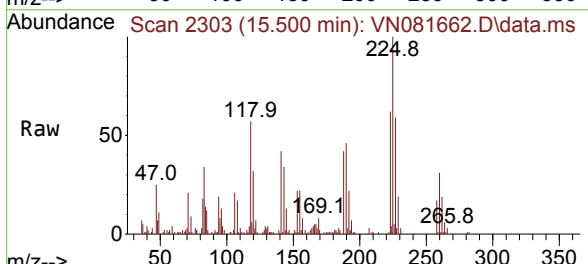
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403MBS01

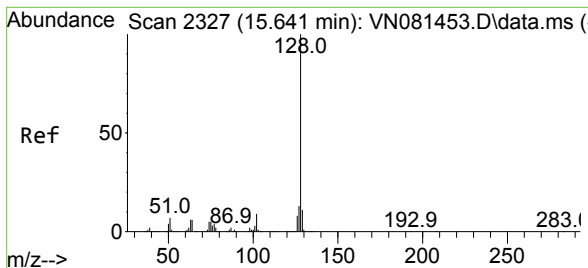
Tgt Ion:	180	Resp:	120848
Ion Ratio	Lower	Upper	
180	100		
182	92.6	46.6	139.7
145	33.0	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 19.873 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN081662.D
 Acq: 03 Apr 2024 17:33

Tgt Ion:	225	Resp:	50274
Ion Ratio	Lower	Upper	
225	100		
223	61.2	33.3	99.8
227	60.5	33.1	99.2





#95

Naphthalene

Concen: 22.904 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0403MBS01

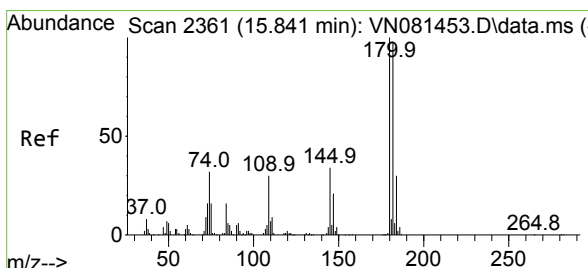
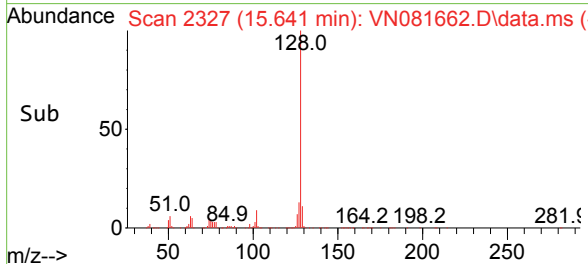
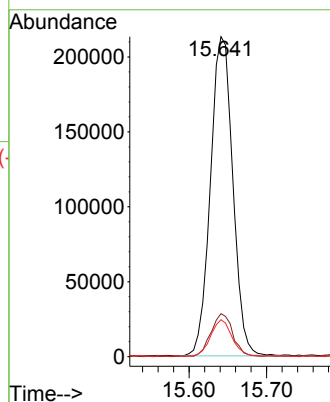
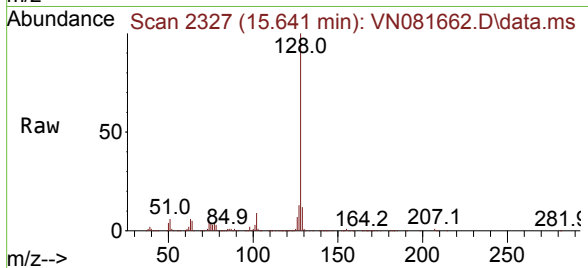
Tgt Ion:128 Resp: 427899

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 21.577 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081662.D

Acq: 03 Apr 2024 17:33

Tgt Ion:180 Resp: 125137

Ion Ratio Lower Upper

180 100

182 95.7 46.5 139.3

145 35.9 17.8 53.4

