

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081461.D
 Acq On : 19 Mar 2024 11:03
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Mar 20 01:13:33 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	446611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	776137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	701233	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	324213	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	296577	52.072	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.140%	
35) Dibromofluoromethane	8.165	113	253557	51.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.540%	
50) Toluene-d8	10.565	98	861344	48.646	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.300%	
62) 4-Bromofluorobenzene	12.847	95	301934	48.394	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 96.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	240628	40.014	ug/l	93
3) Chloromethane	2.359	50	258211	43.126	ug/l	97
4) Vinyl Chloride	2.518	62	277883	41.355	ug/l	92
5) Bromomethane	2.959	94	205435	43.230	ug/l	93
6) Chloroethane	3.124	64	193860	42.019	ug/l	99
7) Trichlorofluoromethane	3.500	101	432772	43.215	ug/l	95
8) Diethyl Ether	3.959	74	166762	50.317	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	242681	42.649	ug/l	# 87
10) Methyl Iodide	4.594	142	293918	51.869	ug/l	97
11) Tert butyl alcohol	5.518	59	194884	196.349	ug/l	99
12) 1,1-Dichloroethene	4.342	96	231655	43.951	ug/l	84
13) Acrolein	4.177	56	266117	298.797	ug/l	98
14) Allyl chloride	5.024	41	338318	51.225	ug/l	# 91
15) Acrylonitrile	5.718	53	590434	222.361	ug/l	97
16) Acetone	4.424	43	371342	201.746	ug/l	95
17) Carbon Disulfide	4.712	76	642011	42.446	ug/l	96
18) Methyl Acetate	5.018	43	266826	47.020	ug/l	# 87
19) Methyl tert-butyl Ether	5.794	73	846093	51.293	ug/l	93
20) Methylene Chloride	5.271	84	277797	46.074	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	267159	45.460	ug/l	91
22) Diisopropyl ether	6.665	45	788715	51.396	ug/l	# 93
23) Vinyl Acetate	6.600	43	3091132	253.061	ug/l	# 89
24) 1,1-Dichloroethane	6.571	63	483018	46.994	ug/l	97
25) 2-Butanone	7.477	43	672129	212.896	ug/l	# 85
26) 2,2-Dichloropropane	7.488	77	424336	47.599	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	321148	48.298	ug/l	86
28) Bromochloromethane	7.806	49	201944	48.237	ug/l	# 52
29) Tetrahydrofuran	7.835	42	477192	224.369	ug/l	# 80
30) Chloroform	7.965	83	530621	48.224	ug/l	98
31) Cyclohexane	8.259	56	377125	40.691	ug/l	# 77
32) 1,1,1-Trichloroethane	8.171	97	444571	44.533	ug/l	93
36) 1,1-Dichloropropene	8.371	75	361497	43.855	ug/l	95
37) Ethyl Acetate	7.559	43	305857	43.331	ug/l	98
38) Carbon Tetrachloride	8.359	117	389920	43.181	ug/l	94
39) Methylcyclohexane	9.600	83	422033	45.846	ug/l	86
40) Benzene	8.606	78	1136482	47.158	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	166338	44.560	ug/l	91
42) 1,2-Dichloroethane	8.671	62	407047	47.995	ug/l	98
43) Isopropyl Acetate	8.688	43	534657	45.696	ug/l #	91
44) Trichloroethene	9.353	130	304396	44.909	ug/l	88
45) 1,2-Dichloropropane	9.618	63	284229	48.665	ug/l	97
46) Dibromomethane	9.706	93	210317	47.417	ug/l #	87
47) Bromodichloromethane	9.888	83	420735	48.516	ug/l #	96
48) Methyl methacrylate	9.676	41	254615	47.180	ug/l #	84
49) 1,4-Dioxane	9.700	88	103554	798.471	ug/l #	68
51) 4-Methyl-2-Pentanone	10.447	43	1584663	221.958	ug/l	92
52) Toluene	10.629	92	706894	46.150	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	457827	48.891	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	490091	48.814	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	282882	45.890	ug/l	93
56) Ethyl methacrylate	10.871	69	416413	45.817	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	488301	48.321	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	1045544	269.555	ug/l #	85
59) 2-Hexanone	11.194	43	1154973	218.807	ug/l	92
60) Dibromochloromethane	11.359	129	321359	47.403	ug/l	97
61) 1,2-Dibromoethane	11.470	107	293700	46.733	ug/l	98
64) Tetrachloroethene	11.106	164	290608	43.355	ug/l	88
65) Chlorobenzene	11.894	112	749824	45.232	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	290528	47.287	ug/l	96
67) Ethyl Benzene	11.965	91	1317879	45.767	ug/l	98
68) m/p-Xylenes	12.070	106	1019315	94.424	ug/l	95
69) o-Xylene	12.394	106	498396	47.028	ug/l	94
70) Styrene	12.412	104	828044	48.446	ug/l	96
71) Bromoform	12.582	173	205449	44.499	ug/l #	96
73) Isopropylbenzene	12.694	105	1261552	45.648	ug/l	98
74) N-amyl acetate	12.494	43	468837	46.878	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	344433	42.389	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	490537	63.252	ug/l	62
77) Bromobenzene	12.982	156	300765	44.056	ug/l	72
78) n-propylbenzene	13.035	91	1501340	46.001	ug/l	96
79) 2-Chlorotoluene	13.123	91	887281	45.423	ug/l	93
80) 1,3,5-Trimethylbenzene	13.170	105	1087980	47.664	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	144652	50.404	ug/l	95
82) 4-Chlorotoluene	13.223	91	898682	46.664	ug/l	94
83) tert-Butylbenzene	13.441	119	893420	45.389	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	1080009	47.076	ug/l	96
85) sec-Butylbenzene	13.617	105	1272781	45.232	ug/l	94
86) p-Isopropyltoluene	13.729	119	1089968	47.386	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	572317	45.628	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	567342	43.683	ug/l	97
89) n-Butylbenzene	14.059	91	943223	46.244	ug/l	97
90) Hexachloroethane	14.335	117	188648	43.306	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	559166	46.317	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	75425	43.617	ug/l	70
93) 1,2,4-Trichlorobenzene	15.394	180	342802	49.108	ug/l	99
94) Hexachlorobutadiene	15.500	225	130300	42.543	ug/l	97
95) Naphthalene	15.641	128	1117230	49.393	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	333523	47.501	ug/l	98

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

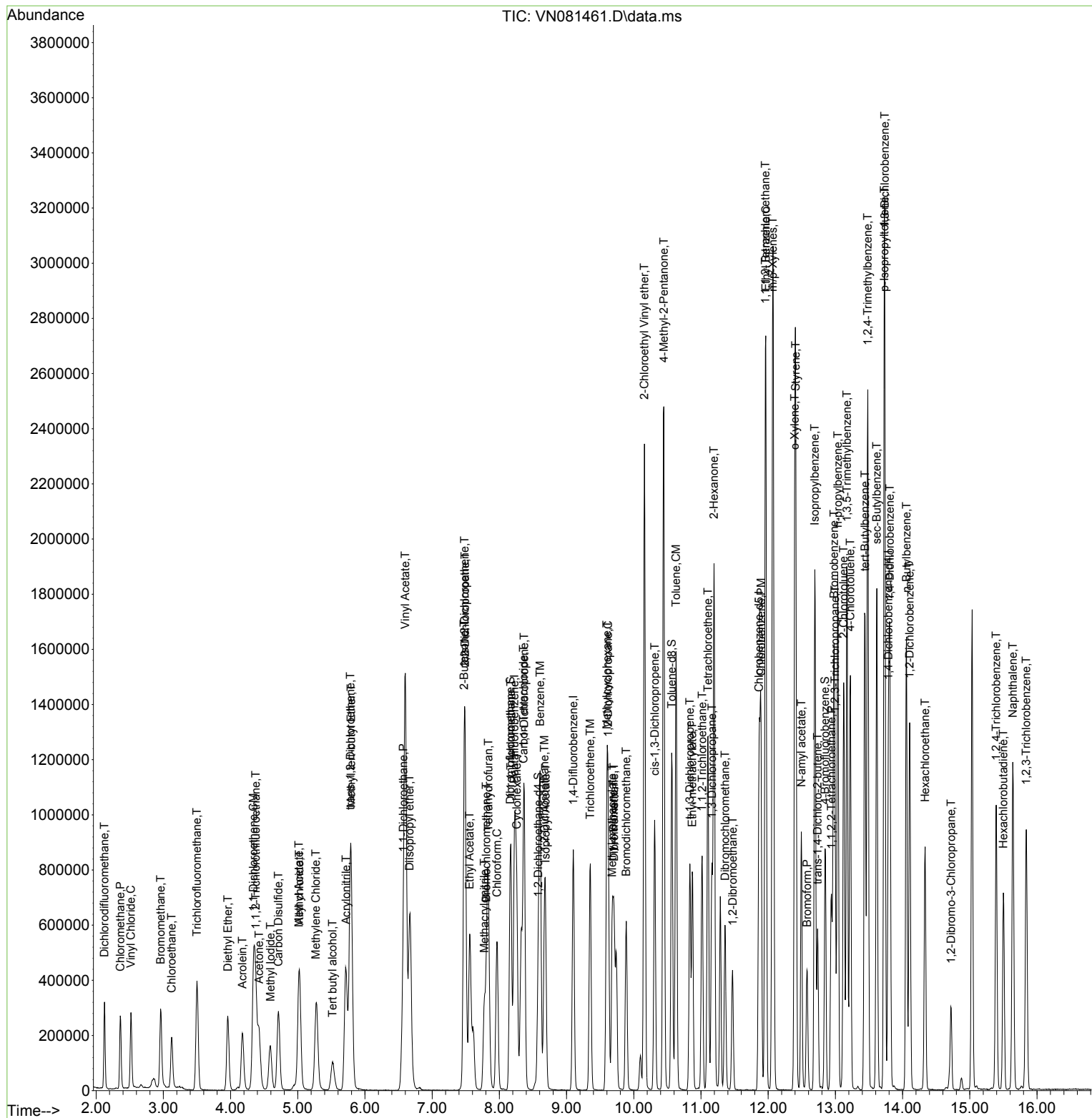
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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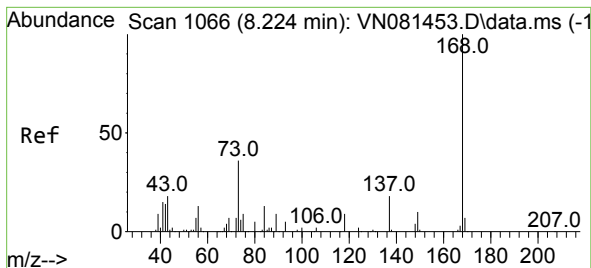
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA_N

ClientSampleId :

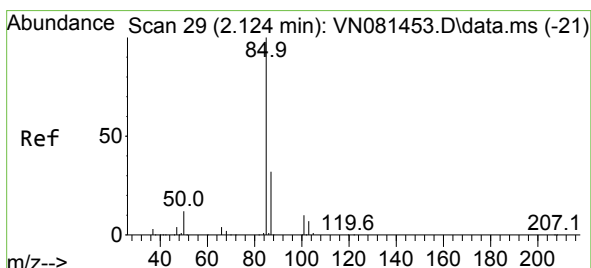
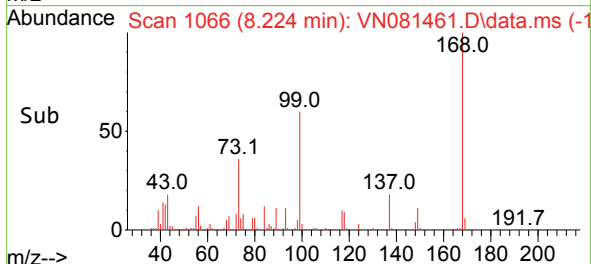
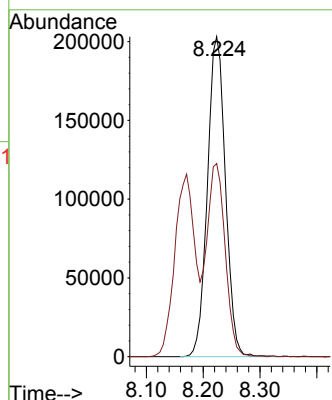
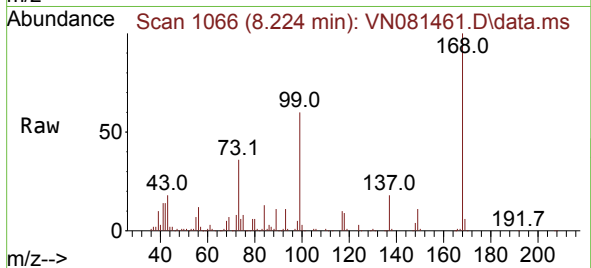
VSTDCCC050

Tgt Ion:168 Resp: 446611

Ion Ratio Lower Upper

168 100

99 60.3 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 40.014 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081461.D

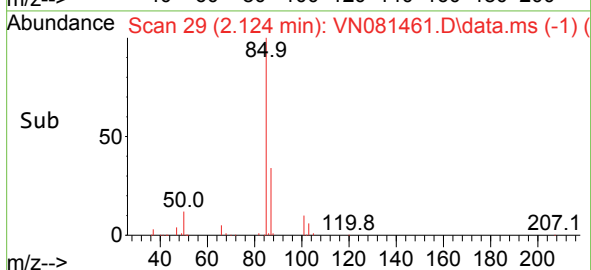
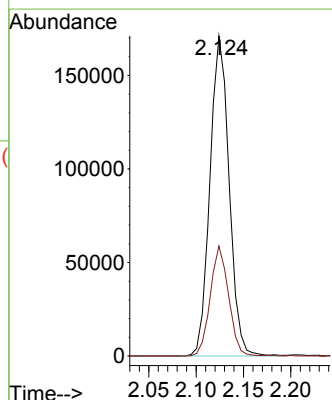
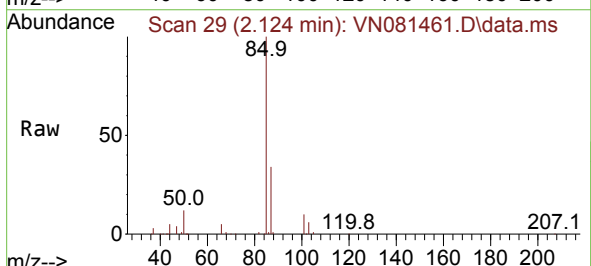
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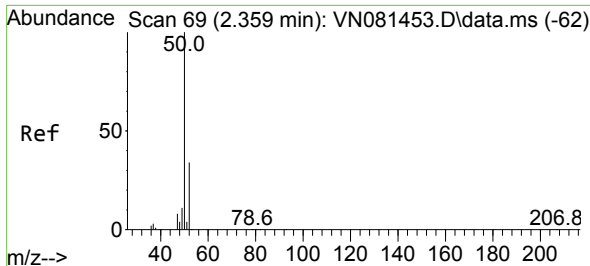
Tgt Ion: 85 Resp: 240628

Ion Ratio Lower Upper

85 100

87 34.3 15.3 45.9

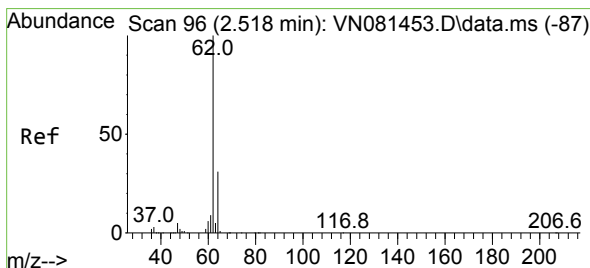
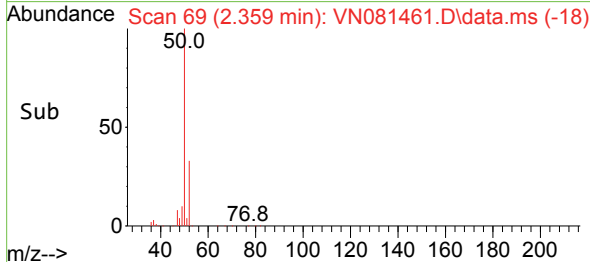
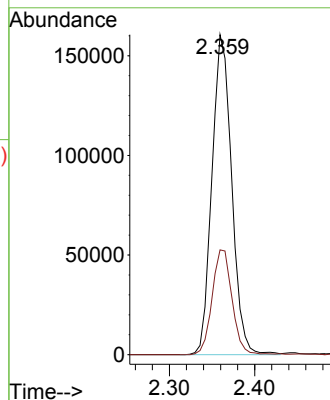
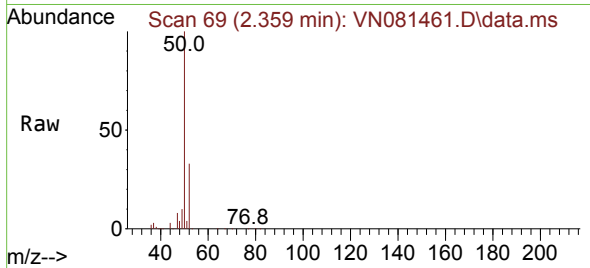




#3
Chloromethane
Concen: 43.126 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

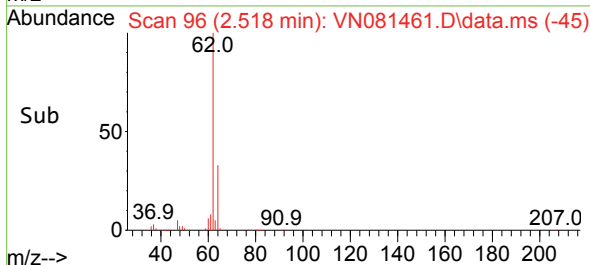
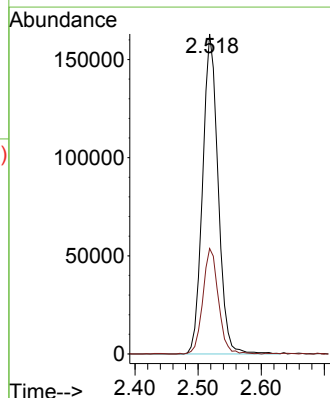
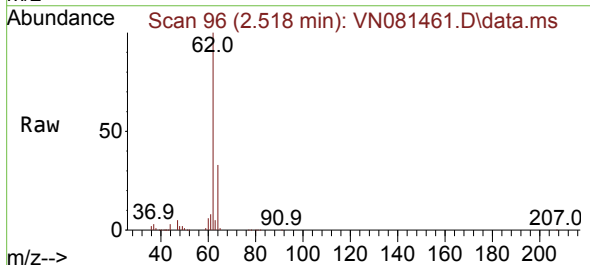
Instrument :
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ClientSampleId :
VSTDCCC050

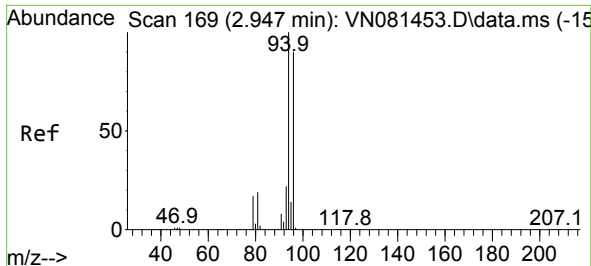
Tgt Ion: 50 Resp: 258211
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4



#4
Vinyl Chloride
Concen: 41.355 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 62 Resp: 277883
Ion Ratio Lower Upper
62 100
64 32.9 22.7 34.1

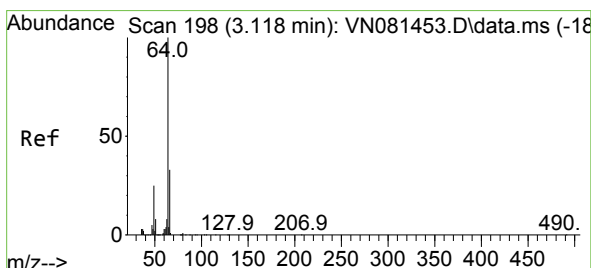
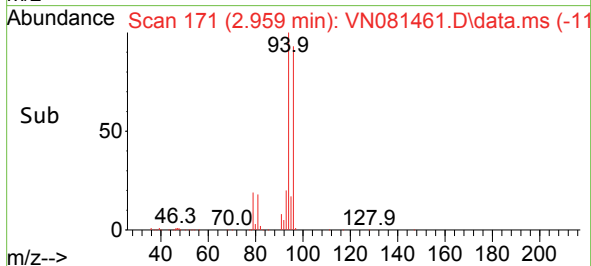
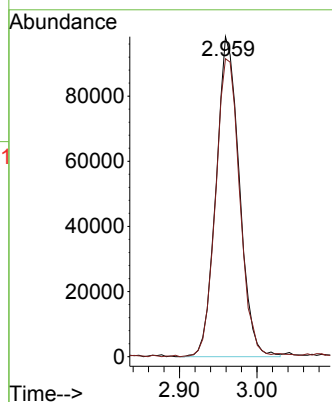
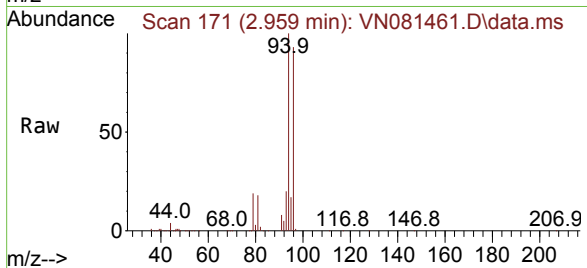




#5
Bromomethane
Concen: 43.230 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

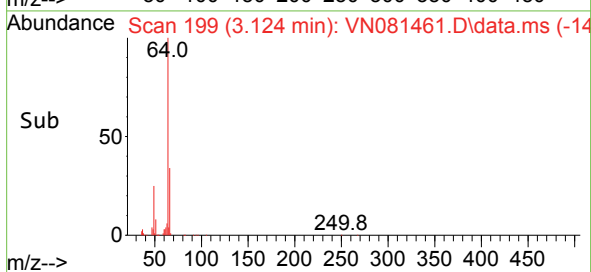
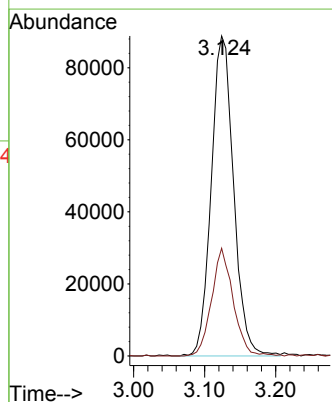
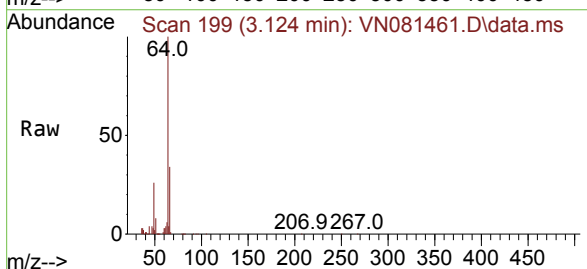
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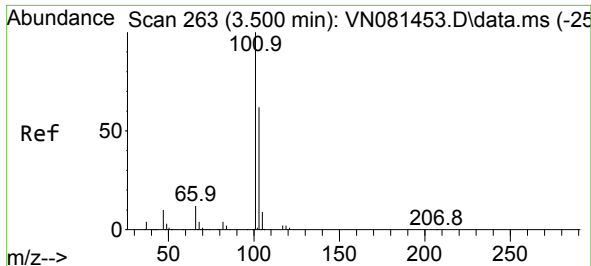
Tgt Ion: 94 Resp: 205435
Ion Ratio Lower Upper
94 100
96 93.1 69.2 103.8



#6
Chloroethane
Concen: 42.019 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 64 Resp: 193860
Ion Ratio Lower Upper
64 100
66 33.7 26.4 39.6

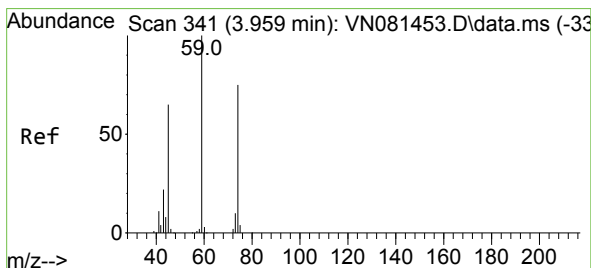
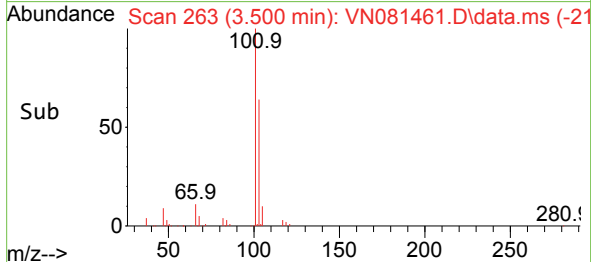
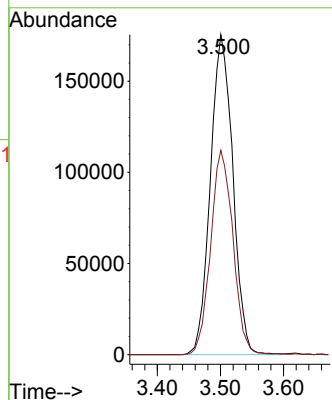
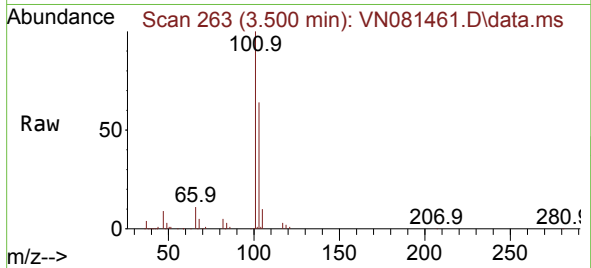




#7
 Trichlorofluoromethane
 Concen: 43.215 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081461.D
 Acq: 19 Mar 2024 11:03

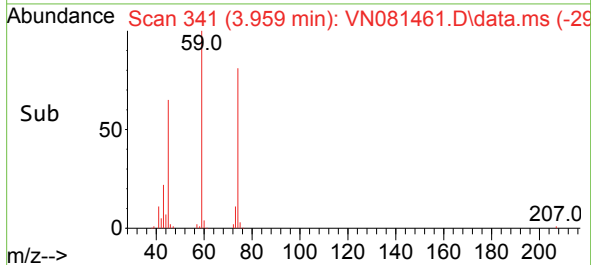
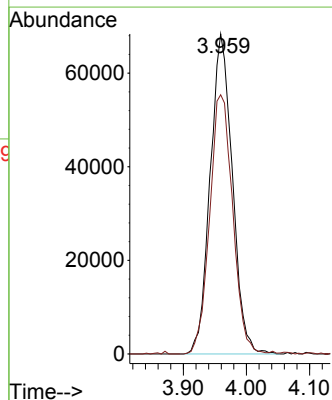
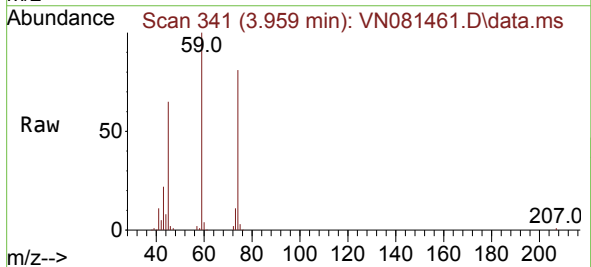
Instrument :
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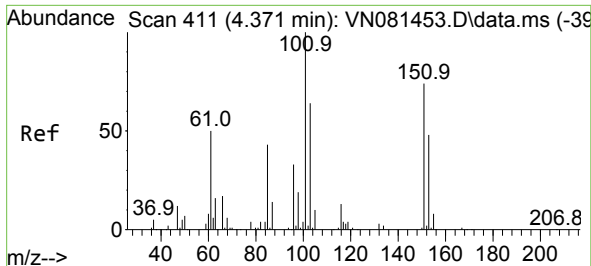
Tgt Ion:101 Resp: 432772
 Ion Ratio Lower Upper
 101 100
 103 63.9 54.4 81.6



#8
 Diethyl Ether
 Concen: 50.317 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN081461.D
 Acq: 19 Mar 2024 11:03

Tgt Ion: 74 Resp: 166762
 Ion Ratio Lower Upper
 74 100
 45 84.2 53.3 159.9

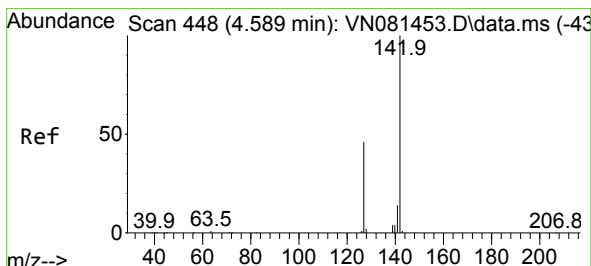
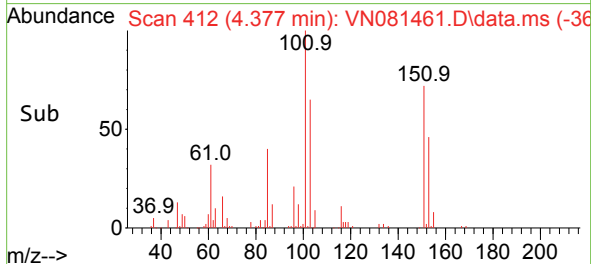
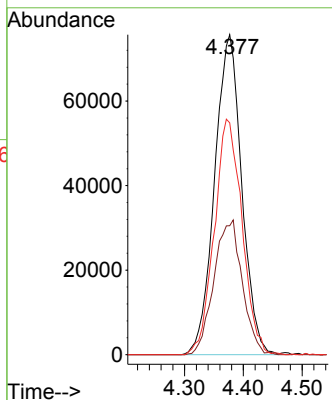
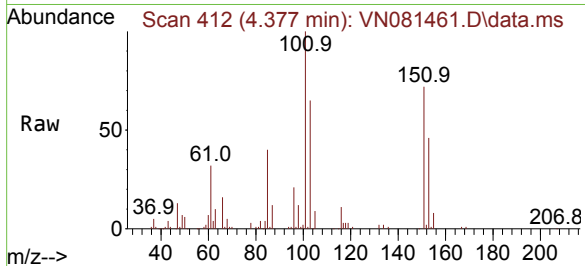




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.649 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

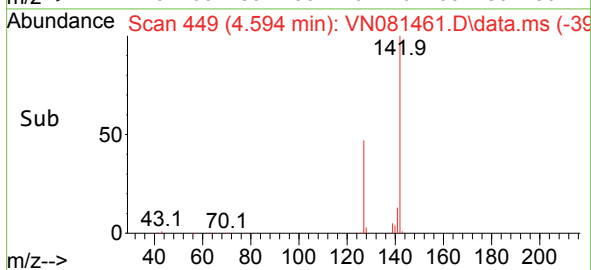
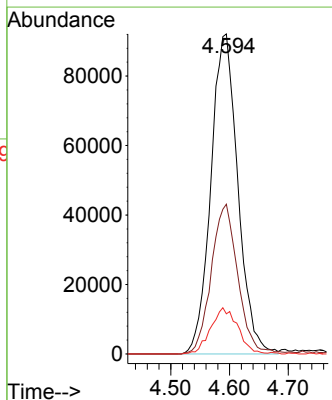
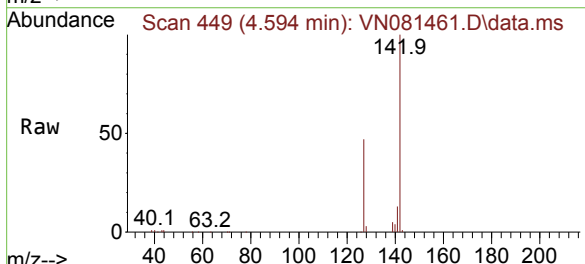
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

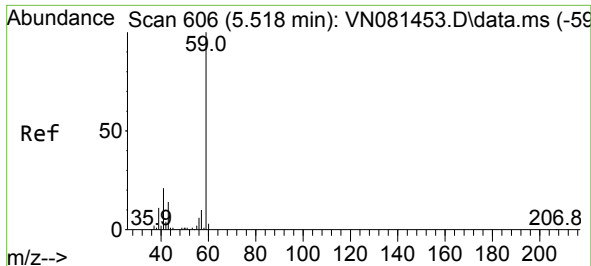
Tgt Ion:101 Resp: 242681
Ion Ratio Lower Upper
101 100
85 44.0 38.1 57.1
151 75.3 49.1 73.7#



#10
Methyl Iodide
Concen: 51.869 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion:142 Resp: 293918
Ion Ratio Lower Upper
142 100
127 46.8 37.0 55.4
141 12.5 12.5 18.7

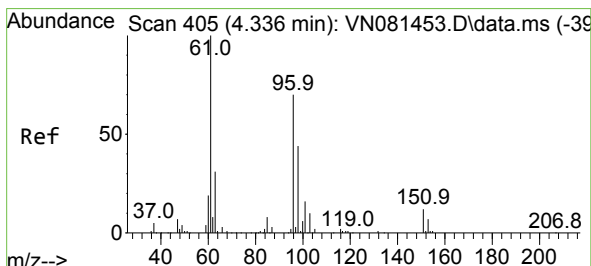
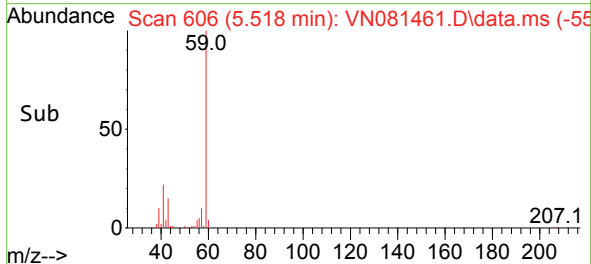
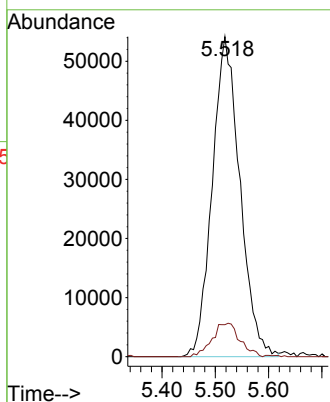
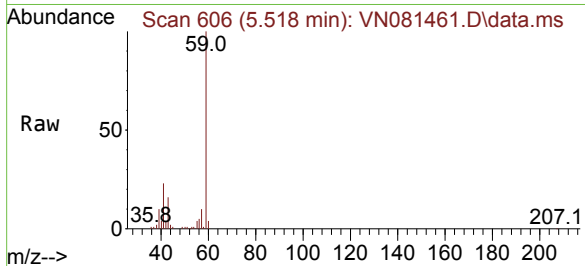




#11
Tert butyl alcohol
Concen: 196.349 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

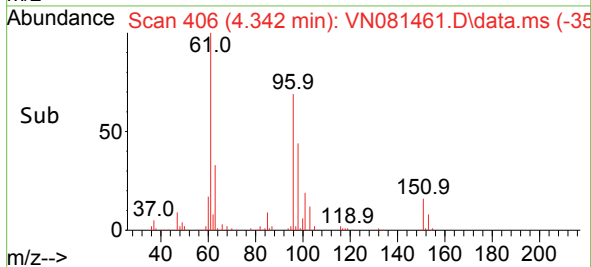
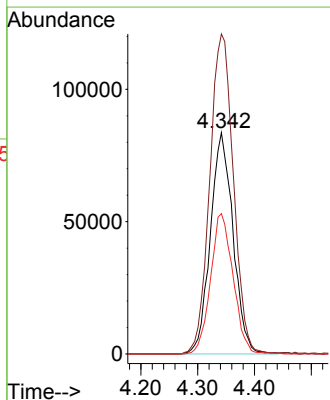
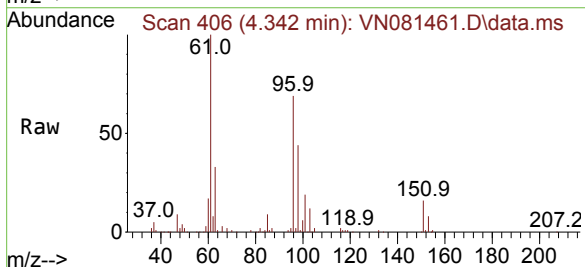
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

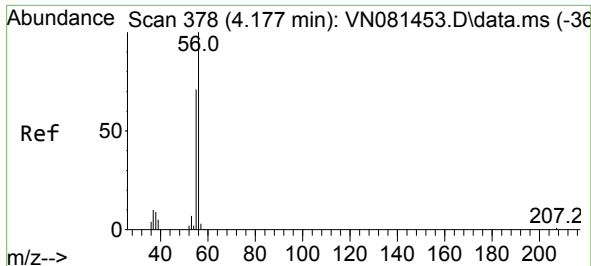
Tgt Ion: 59 Resp: 194884
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 43.951 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 96 Resp: 231655
Ion Ratio Lower Upper
96 100
61 144.6 138.2 207.4
98 63.4 49.2 73.8





#13

Acrolein

Concen: 298.797 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA_N

ClientSampleId :

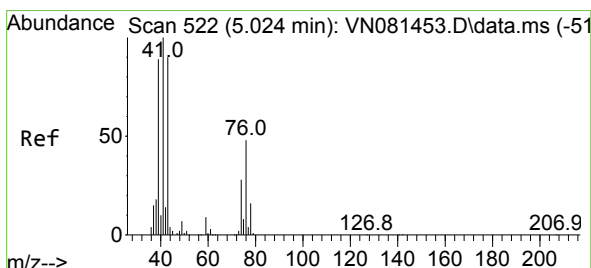
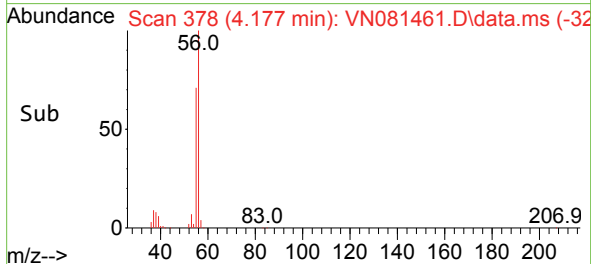
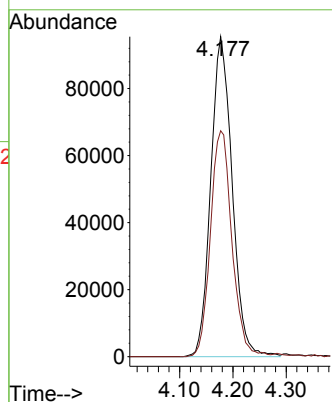
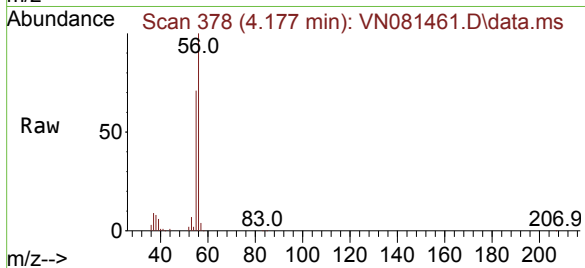
VSTDCCC050

Tgt Ion: 56 Resp: 266117

Ion Ratio Lower Upper

56 100

55 70.8 55.3 82.9



#14

Allyl chloride

Concen: 51.225 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

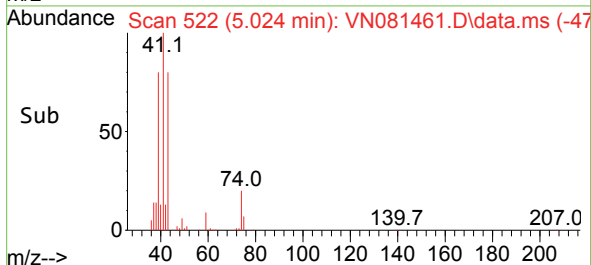
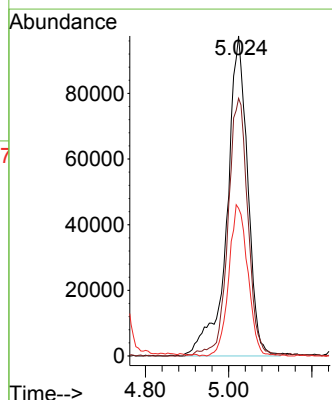
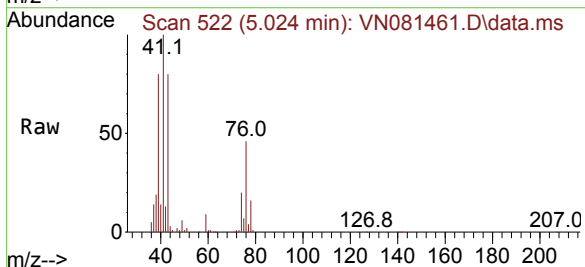
Tgt Ion: 41 Resp: 338318

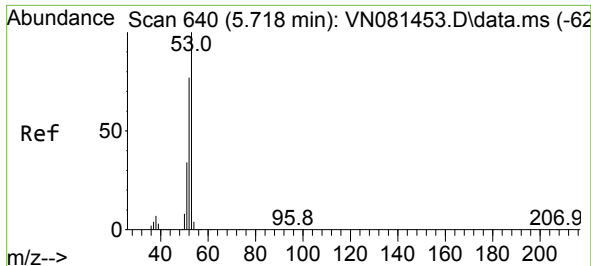
Ion Ratio Lower Upper

41 100

39 76.9 57.7 86.5

76 43.1 26.8 40.2#

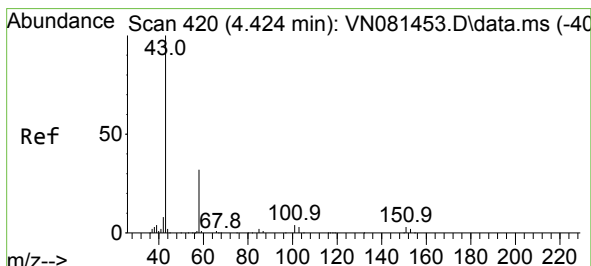
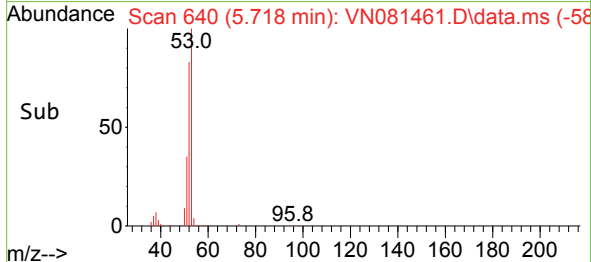
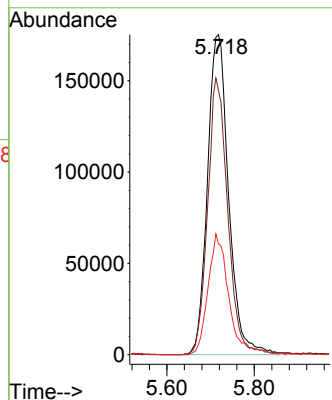
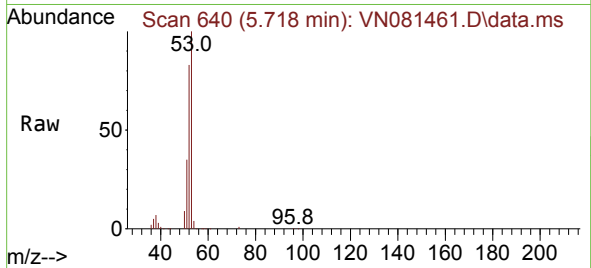




#15
Acrylonitrile
Concen: 222.361 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

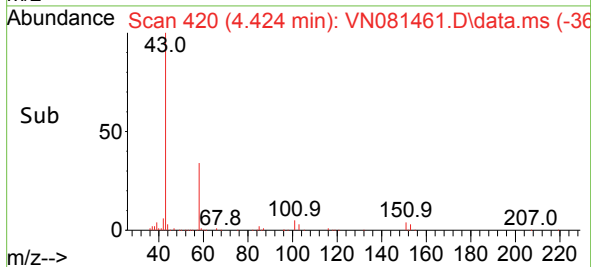
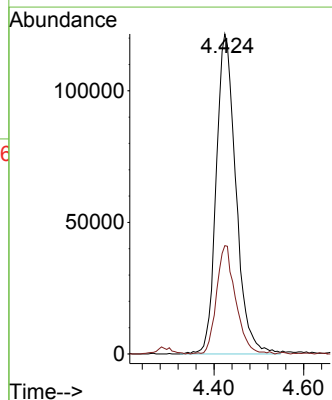
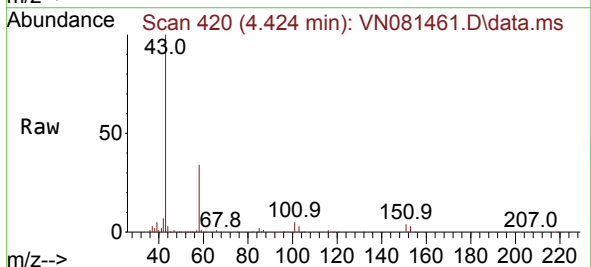
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

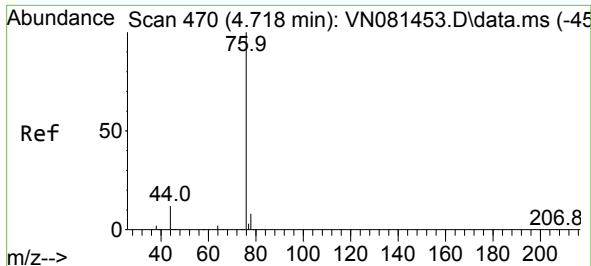
Tgt Ion: 53 Resp: 590434
Ion Ratio Lower Upper
53 100
52 82.3 64.8 97.2
51 36.9 26.9 40.3



#16
Acetone
Concen: 201.746 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 43 Resp: 371342
Ion Ratio Lower Upper
43 100
58 33.5 24.8 37.2

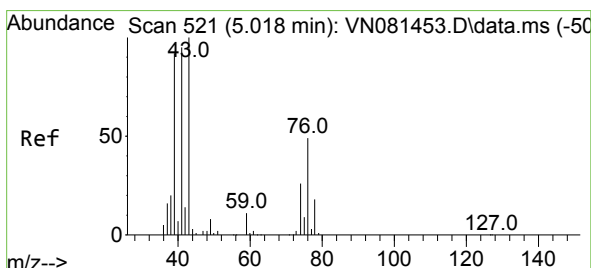
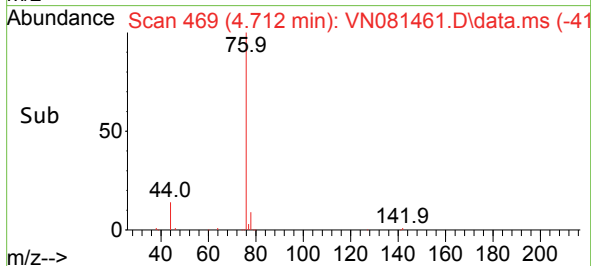
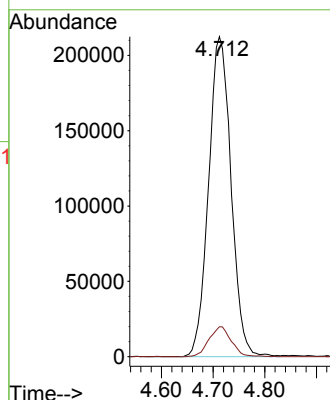
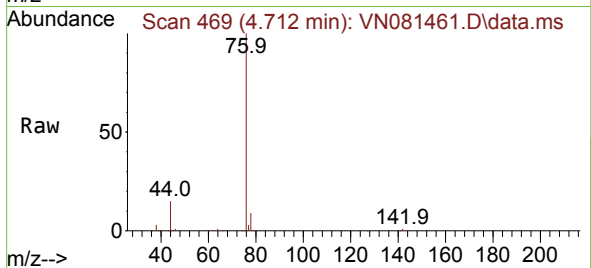




#17
Carbon Disulfide
Concen: 42.446 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

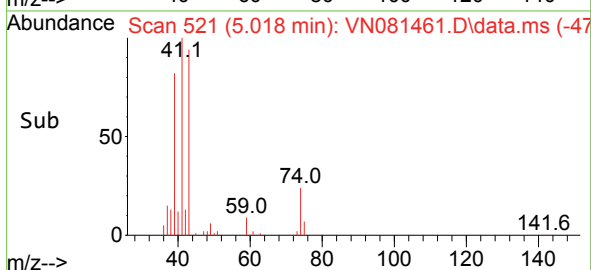
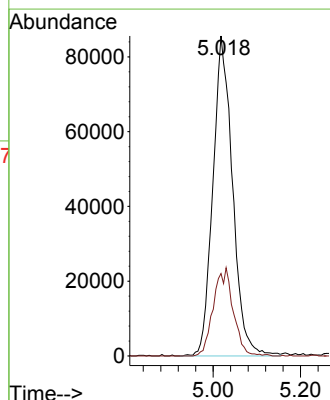
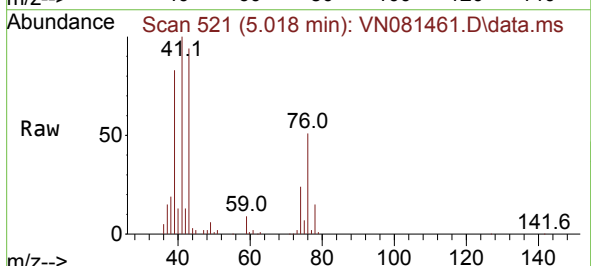
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

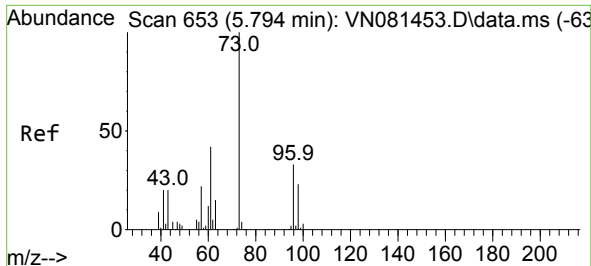
Tgt Ion: 76 Resp: 642011
Ion Ratio Lower Upper
76 100
78 9.3 6.3 9.5



#18
Methyl Acetate
Concen: 47.020 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 43 Resp: 266826
Ion Ratio Lower Upper
43 100
74 27.7 17.3 25.9#

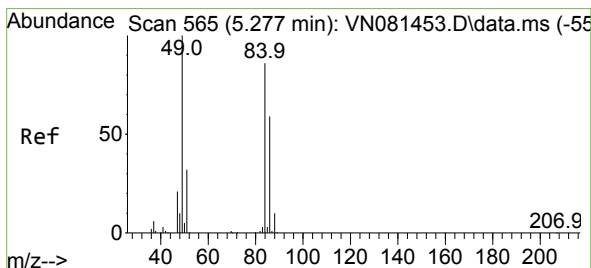
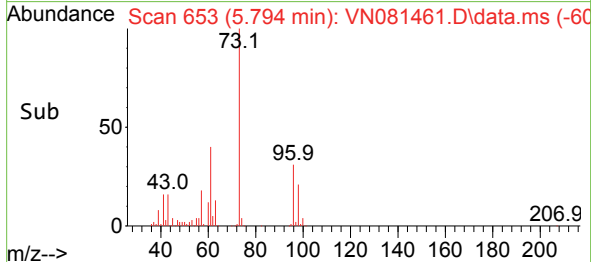
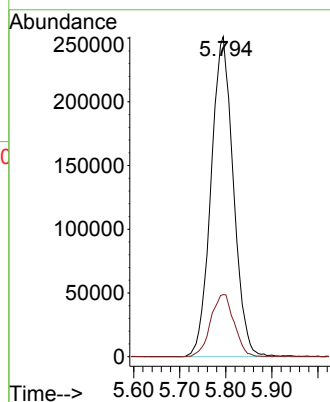
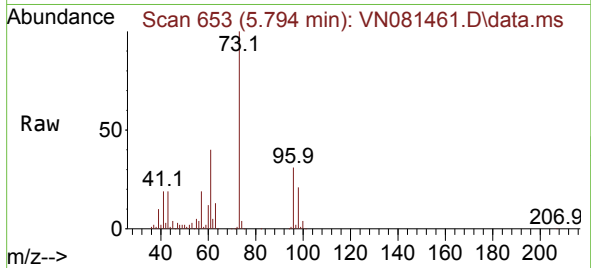




#19
Methyl tert-butyl Ether
Concen: 51.293 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

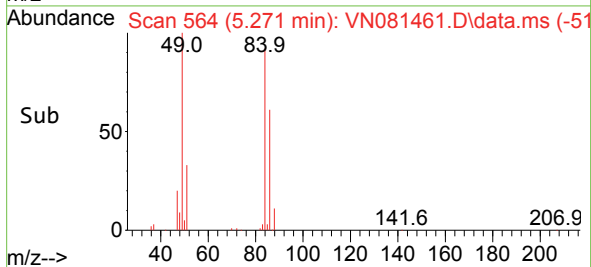
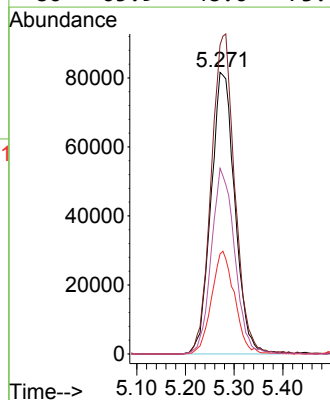
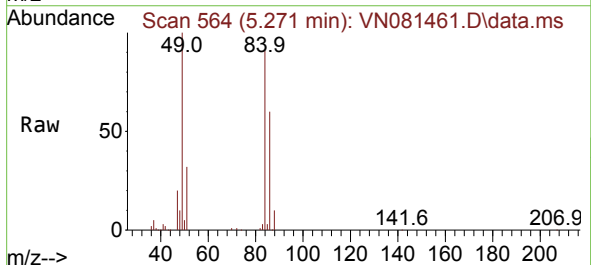
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

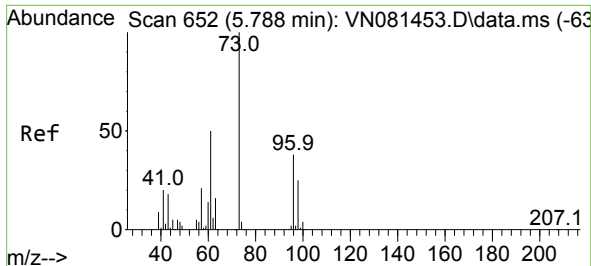
Tgt Ion: 73 Resp: 846093
Ion Ratio Lower Upper
73 100
57 19.4 18.2 27.4



#20
Methylene Chloride
Concen: 46.074 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 84 Resp: 277797
Ion Ratio Lower Upper
84 100
49 109.7 108.1 162.1
51 35.5 32.9 49.3
86 65.9 48.6 73.0

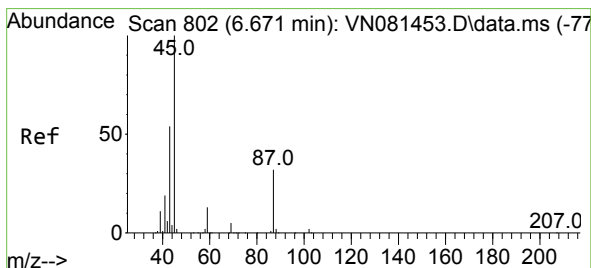
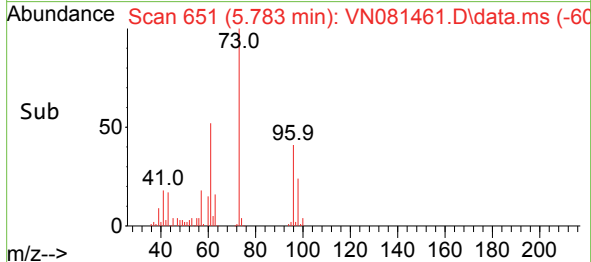
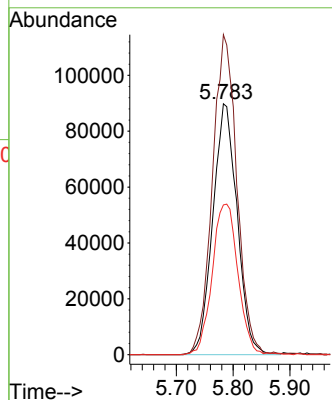
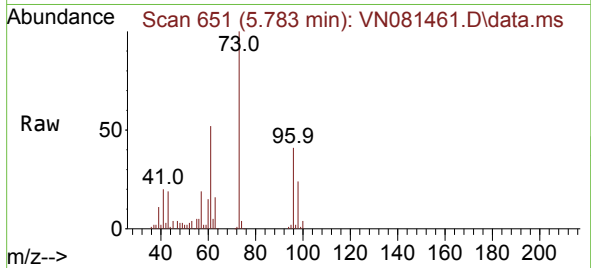




#21
trans-1,2-Dichloroethene
Concen: 45.460 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

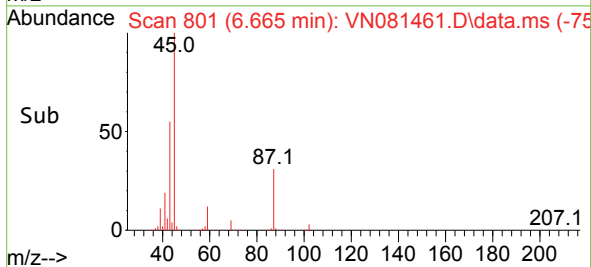
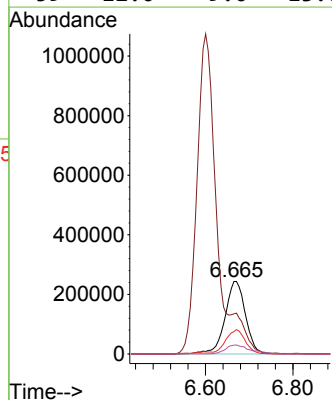
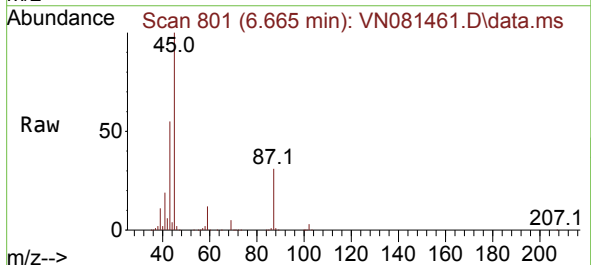
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

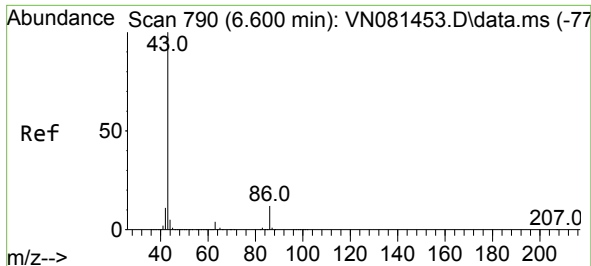
Tgt Ion: 96 Resp: 267159
Ion Ratio Lower Upper
96 100
61 127.5 112.8 169.2
98 59.7 51.0 76.4



#22
Diisopropyl ether
Concen: 51.396 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 45 Resp: 788715
Ion Ratio Lower Upper
45 100
43 54.6 41.8 62.8
87 30.8 18.1 27.1#
59 12.0 9.0 13.6

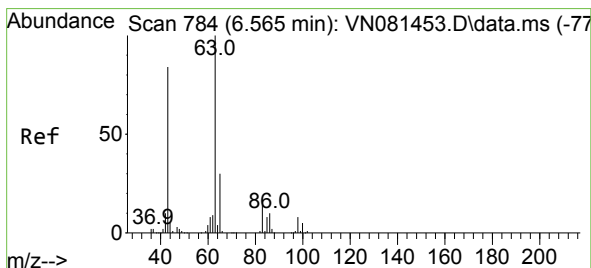
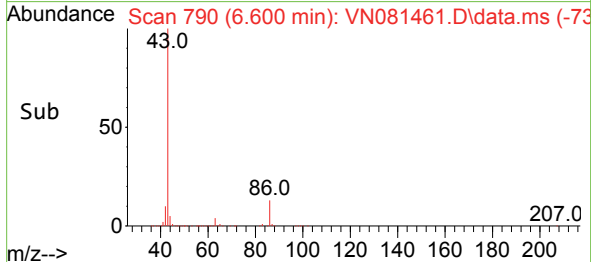
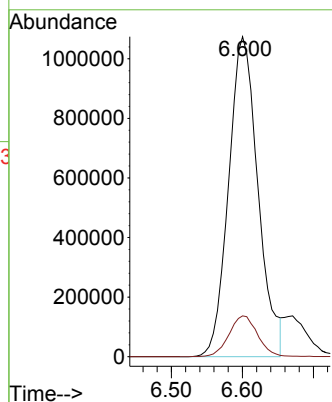
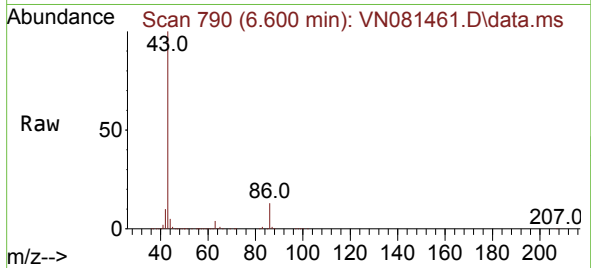




#23
 Vinyl Acetate
 Concen: 253.061 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081461.D
 Acq: 19 Mar 2024 11:03

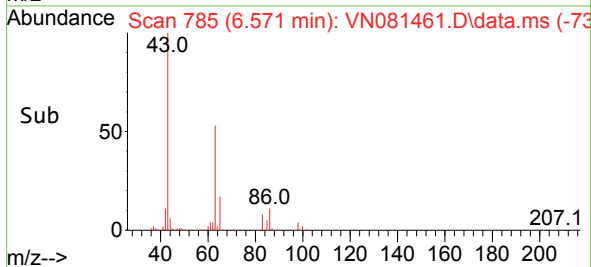
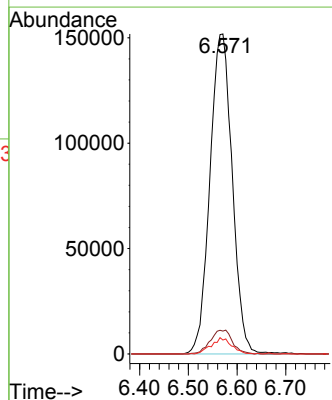
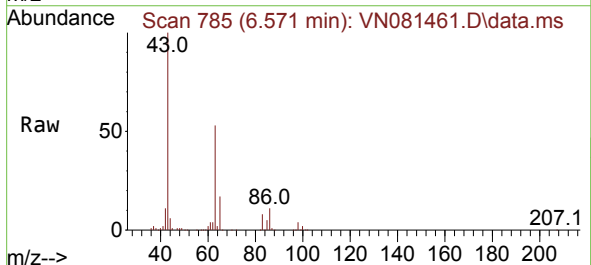
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

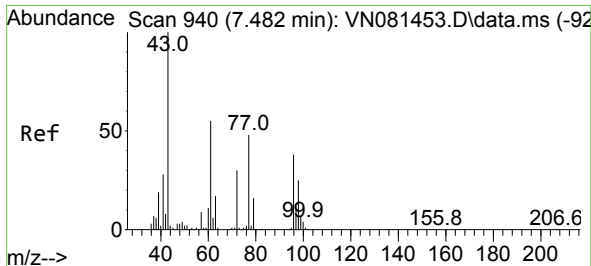
Tgt Ion: 43 Resp: 3091132
 Ion Ratio Lower Upper
 43 100
 86 12.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 46.994 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081461.D
 Acq: 19 Mar 2024 11:03

Tgt Ion: 63 Resp: 483018
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.9 8.6
 100 4.4 1.9 5.7

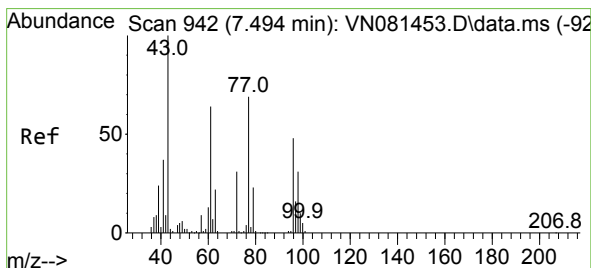
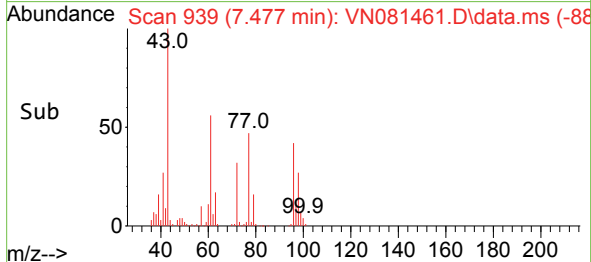
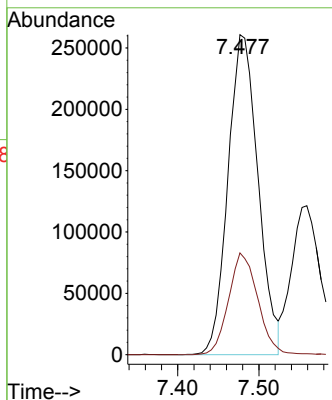
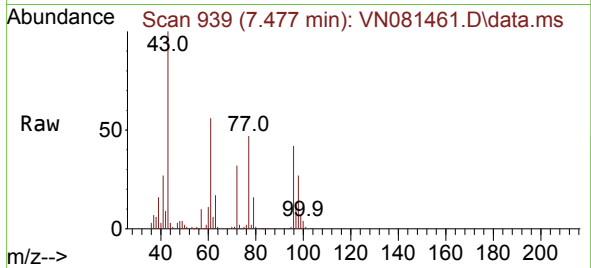




#25
2-Butanone
Concen: 212.896 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

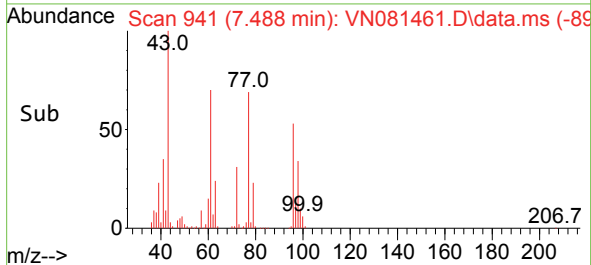
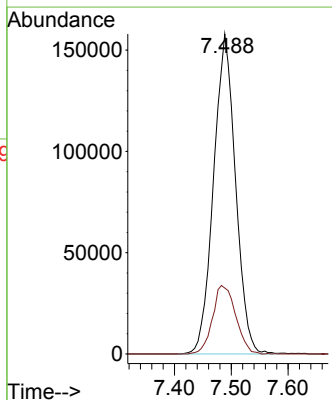
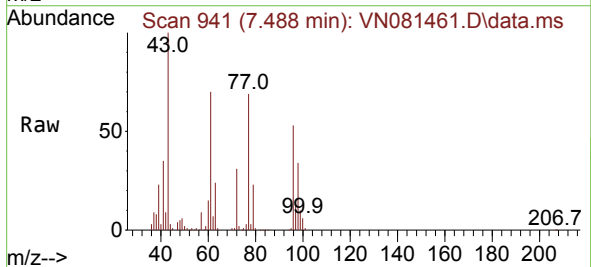
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

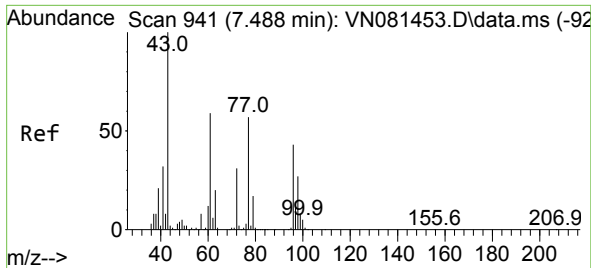
Tgt Ion: 43 Resp: 672129
Ion Ratio Lower Upper
43 100
72 31.8 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 47.599 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 77 Resp: 424336
Ion Ratio Lower Upper
77 100
97 22.6 11.5 34.5

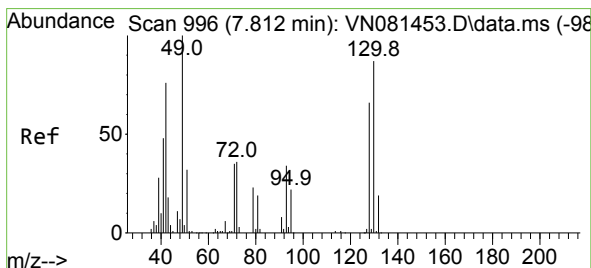
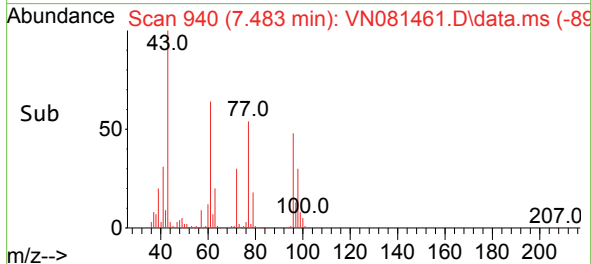
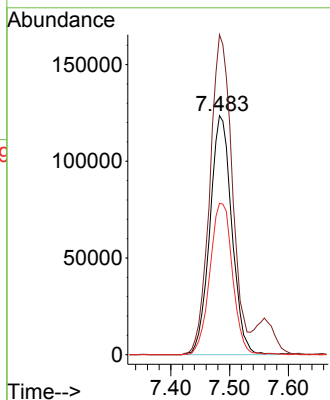
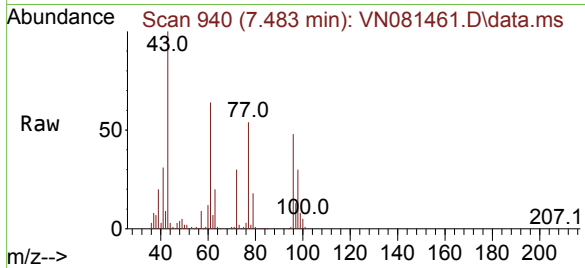




#27
 cis-1,2-Dichloroethene
 Concen: 48.298 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081461.D
 Acq: 19 Mar 2024 11:03

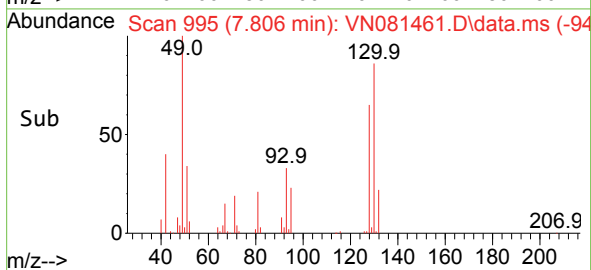
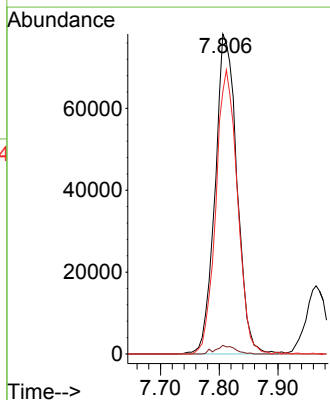
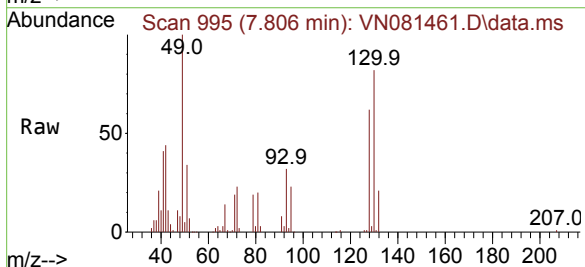
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

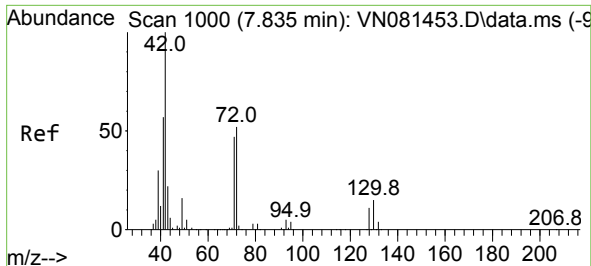
Tgt Ion: 96 Resp: 321148
 Ion Ratio Lower Upper
 96 100
 61 136.4 0.0 325.4
 98 64.9 0.0 130.4



#28
 Bromochloromethane
 Concen: 48.237 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN081461.D
 Acq: 19 Mar 2024 11:03

Tgt Ion: 49 Resp: 201944
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 1.6#
 130 87.6 42.3 63.5#

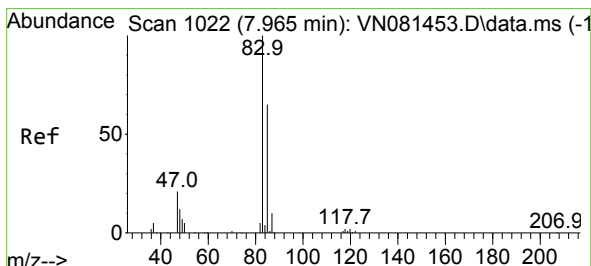
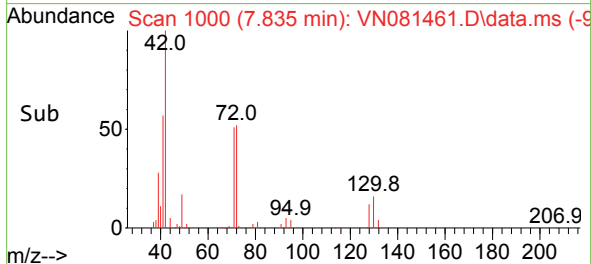
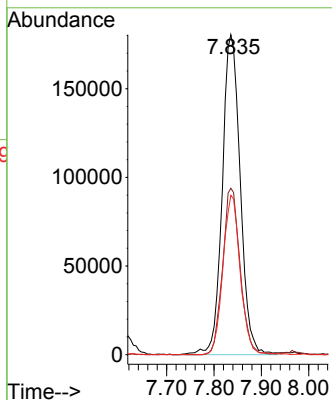
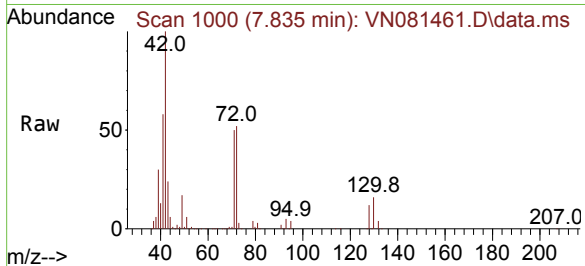




#29
Tetrahydrofuran
Concen: 224.369 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

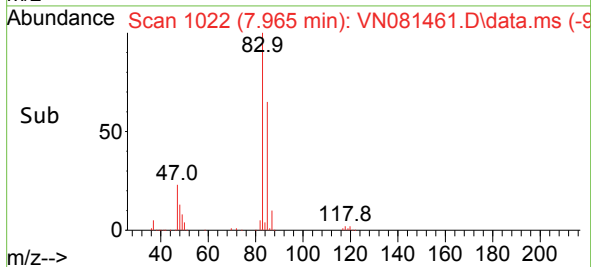
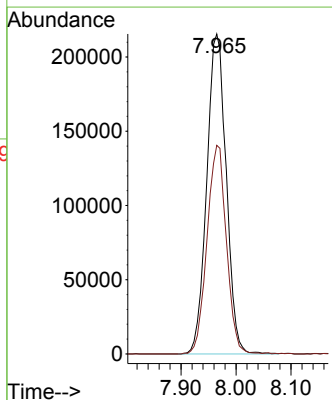
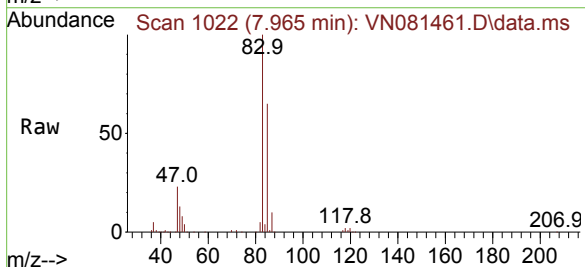
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

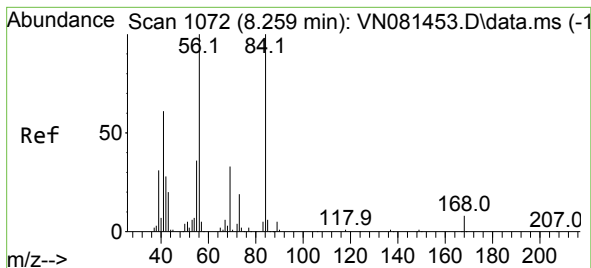
Tgt Ion: 42 Resp: 477192
Ion Ratio Lower Upper
42 100
72 50.4 31.1 46.7#
71 47.9 28.3 42.5#



#30
Chloroform
Concen: 48.224 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 83 Resp: 530621
Ion Ratio Lower Upper
83 100
85 65.2 51.0 76.6





#31

Cyclohexane

Concen: 40.691 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

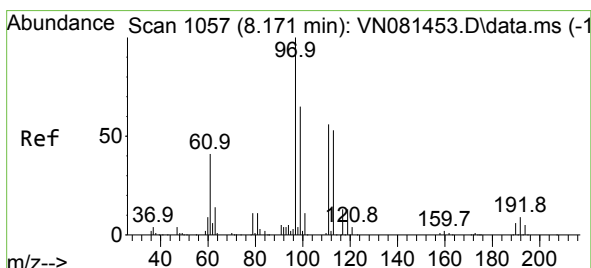
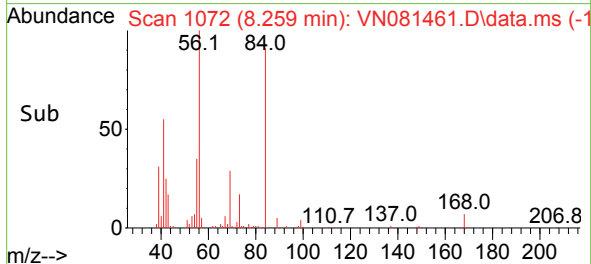
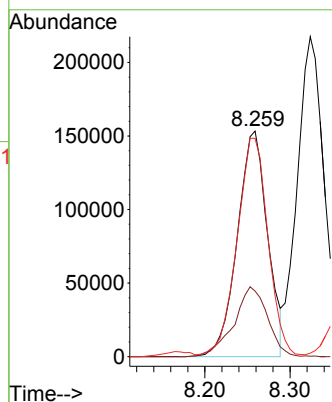
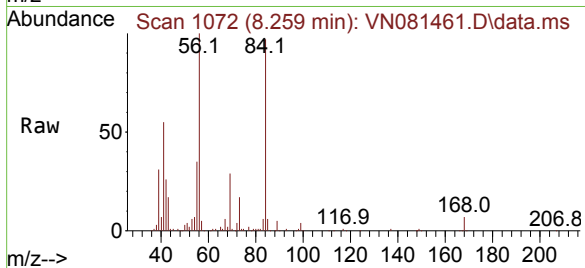
Tgt Ion: 56 Resp: 377125

Ion Ratio Lower Upper

56 100

69 29.1 20.1 30.1

84 94.7 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 44.533 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

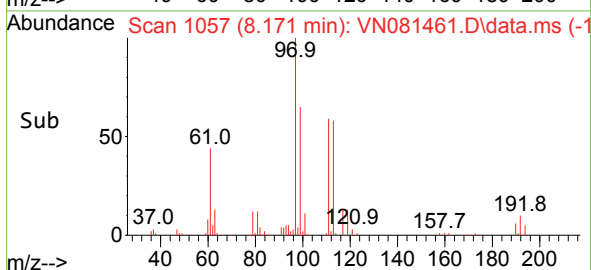
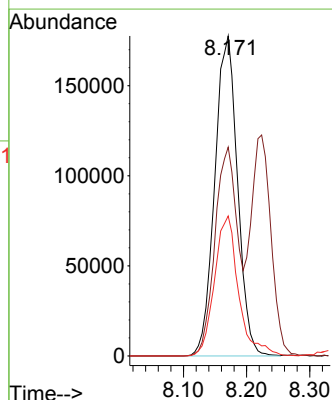
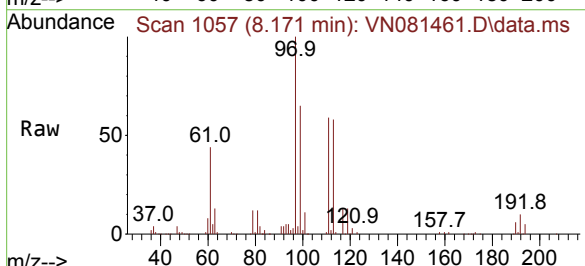
Tgt Ion: 97 Resp: 444571

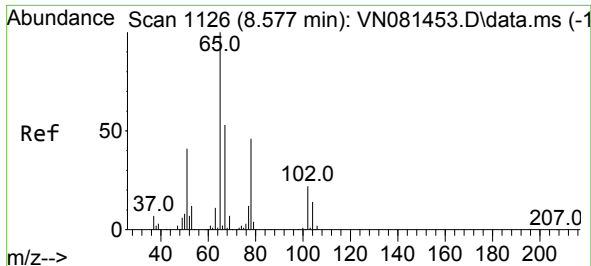
Ion Ratio Lower Upper

97 100

99 64.5 53.4 80.0

61 46.3 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 52.072 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA_N

ClientSampleId :

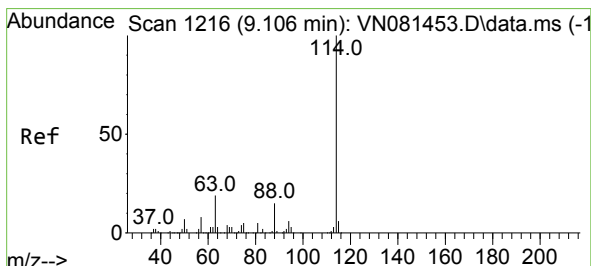
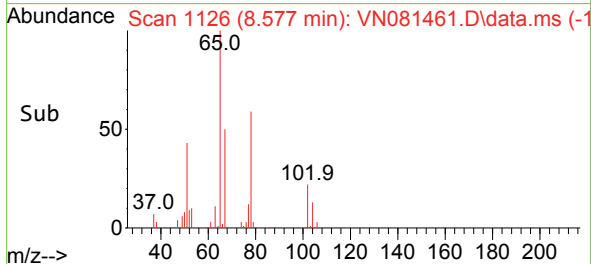
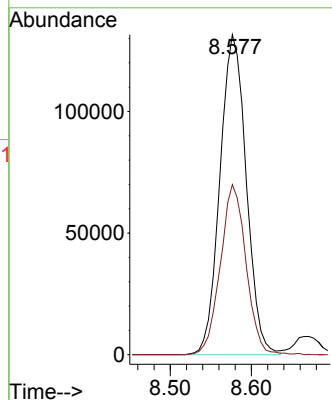
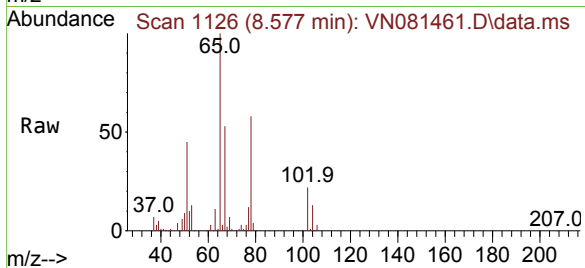
VSTDCCC050

Tgt Ion: 65 Resp: 296577

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: VN081461.D

Acq: 19 Mar 2024 11:03

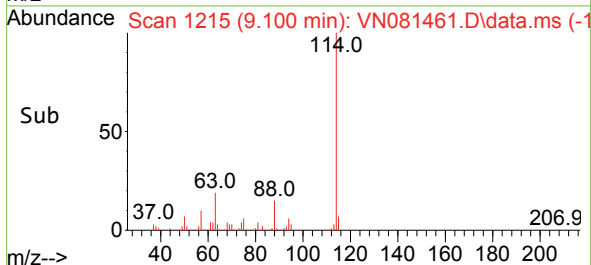
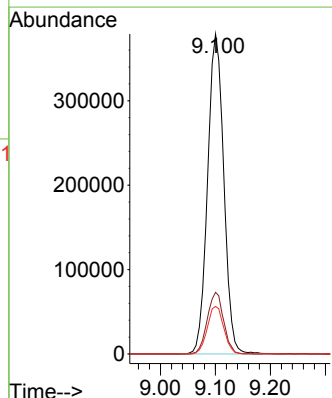
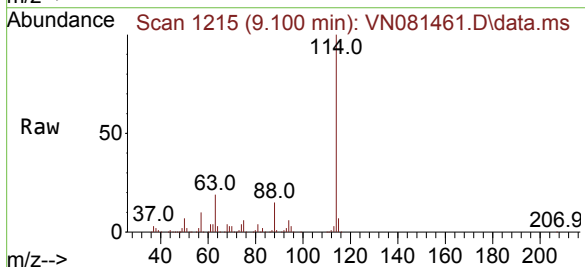
Tgt Ion: 114 Resp: 776137

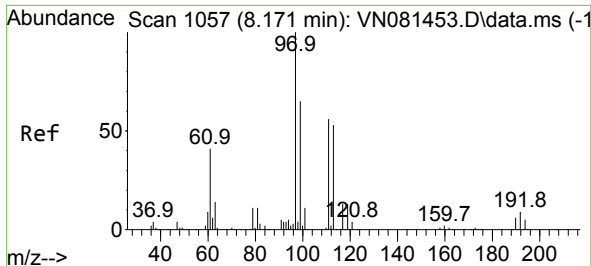
Ion Ratio Lower Upper

114 100

63 19.3 0.0 48.0

88 14.8 0.0 34.8

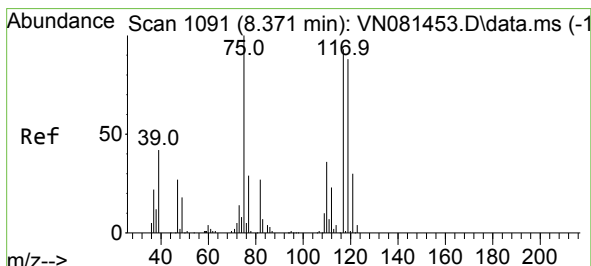
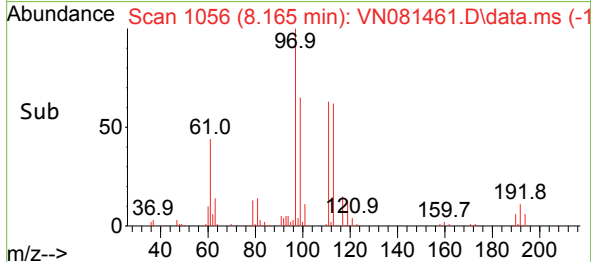
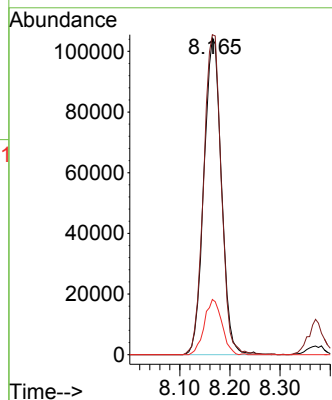
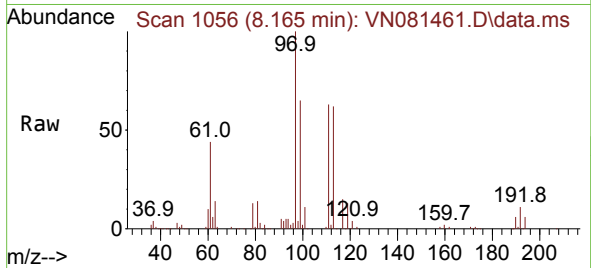




#35
Dibromofluoromethane
Concen: 51.765 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

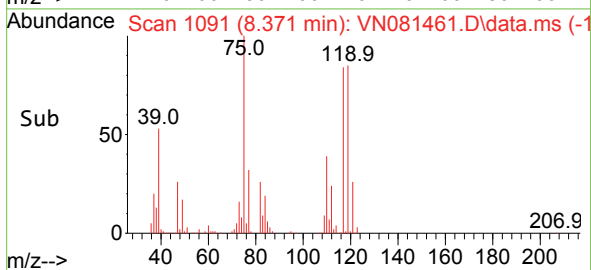
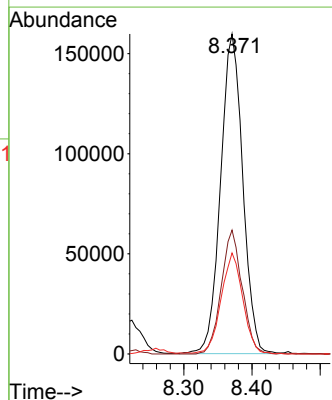
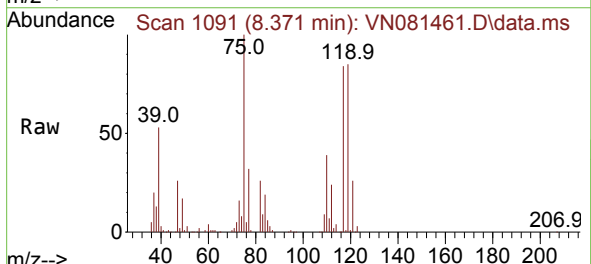
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

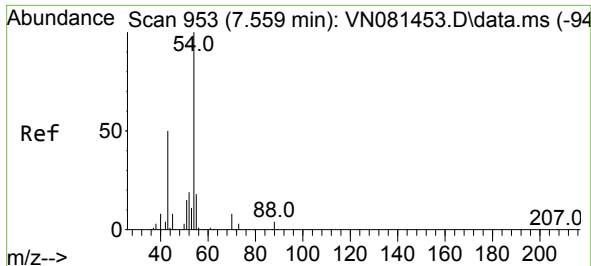
Tgt Ion:113 Resp: 253557
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 17.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 43.855 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 75 Resp: 361497
Ion Ratio Lower Upper
75 100
110 36.5 16.0 48.0
77 31.1 25.8 38.6

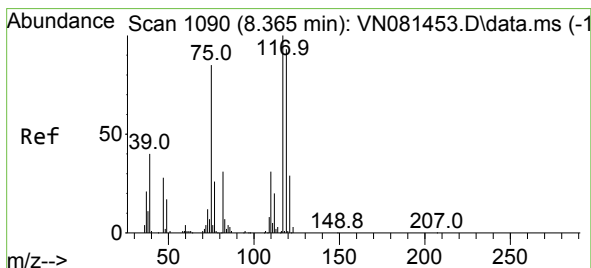
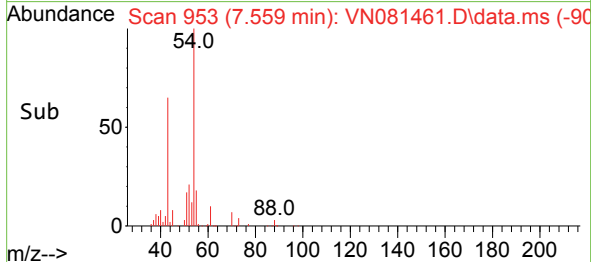
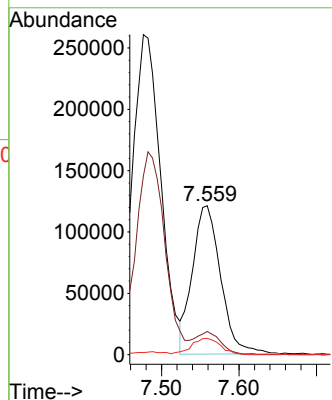
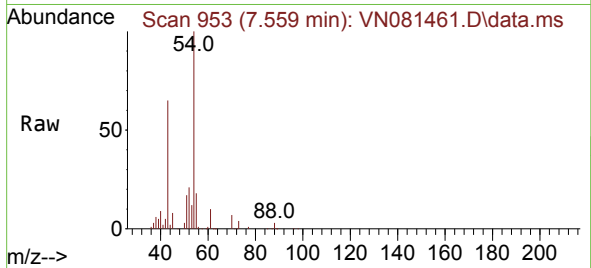




#37
Ethyl Acetate
Concen: 43.331 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

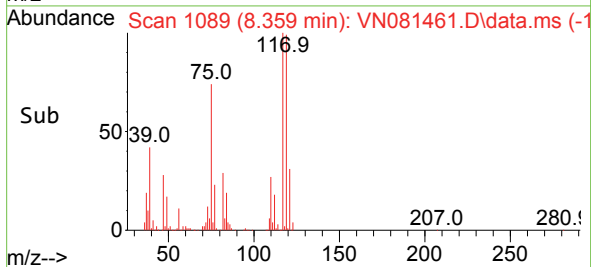
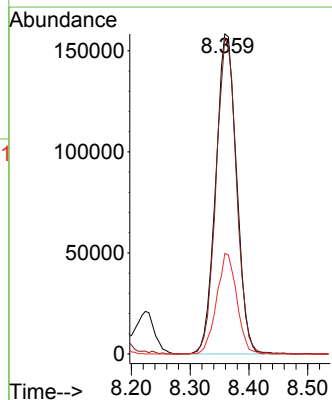
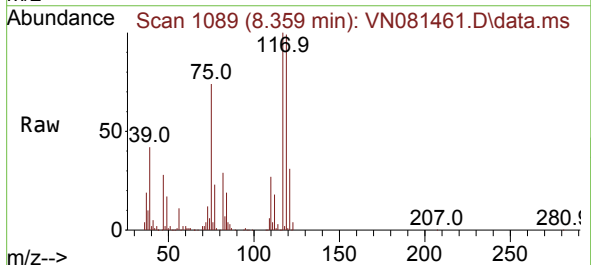
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

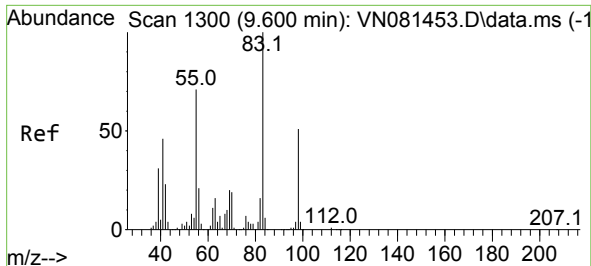
Tgt Ion: 43 Resp: 305857
Ion Ratio Lower Upper
43 100
61 13.7 10.6 15.8
70 11.3 8.0 12.0



#38
Carbon Tetrachloride
Concen: 43.181 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 117 Resp: 389920
Ion Ratio Lower Upper
117 100
119 98.6 73.4 110.2
121 31.4 24.4 36.6





#39

Methylcyclohexane

Concen: 45.846 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

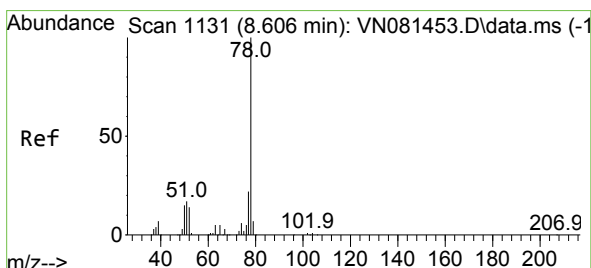
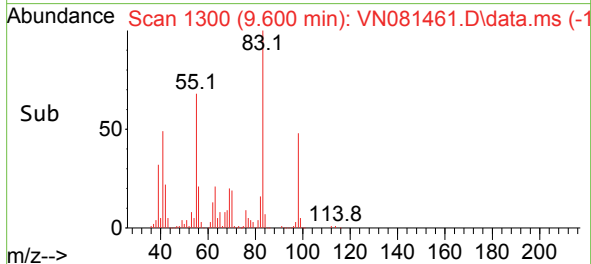
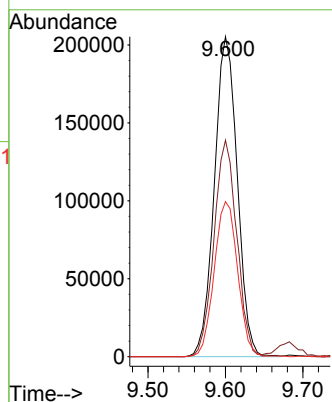
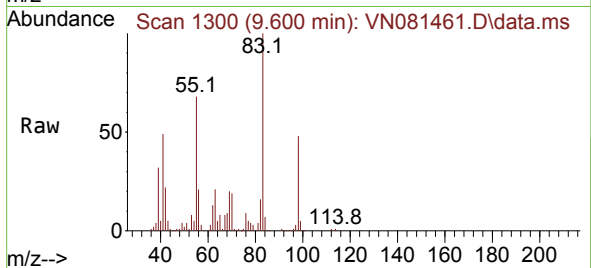
Tgt Ion: 83 Resp: 422033

Ion Ratio Lower Upper

83 100

55 67.7 65.7 98.5

98 48.4 33.8 50.6



#40

Benzene

Concen: 47.158 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081461.D

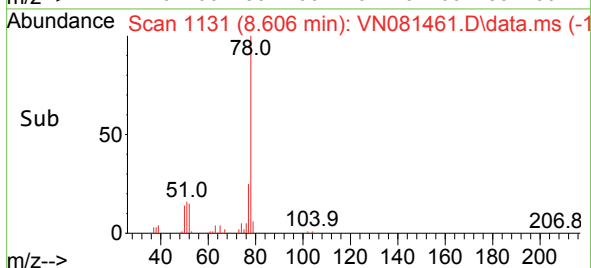
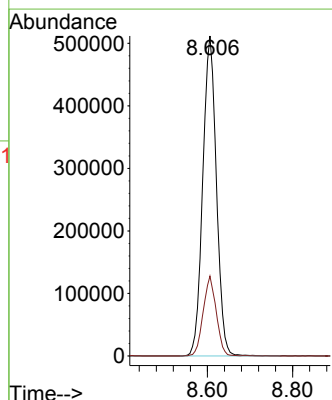
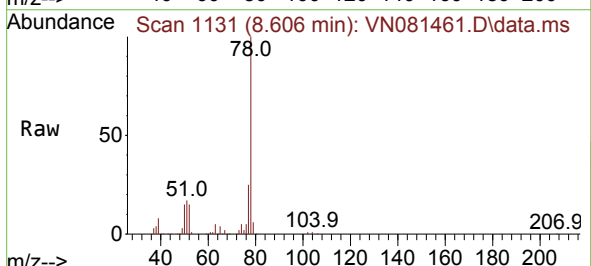
Acq: 19 Mar 2024 11:03

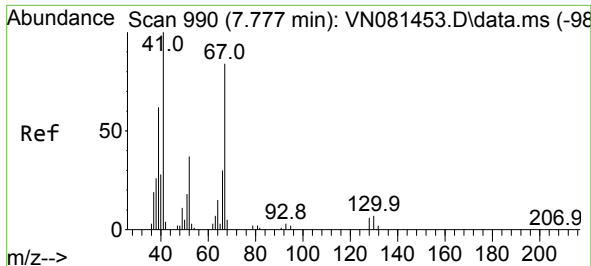
Tgt Ion: 78 Resp: 1136482

Ion Ratio Lower Upper

78 100

77 25.0 20.4 30.6

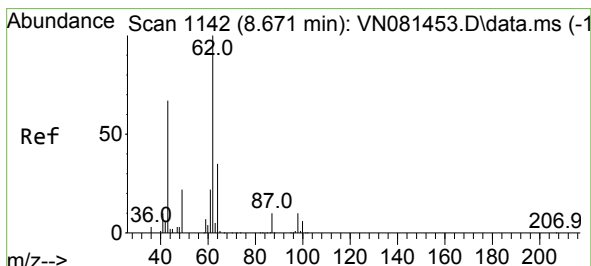
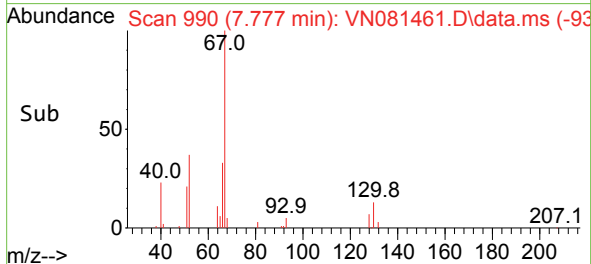
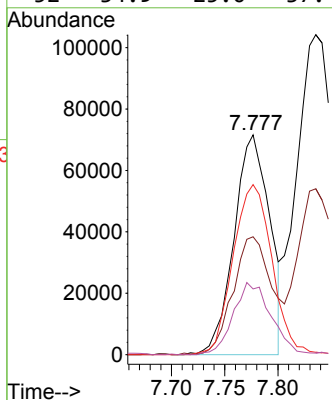
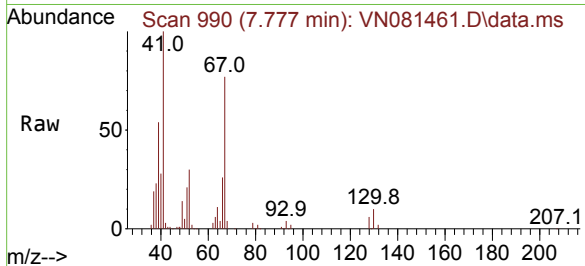




#41
Methacrylonitrile
Concen: 44.560 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

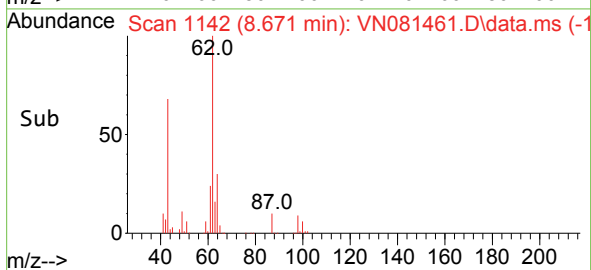
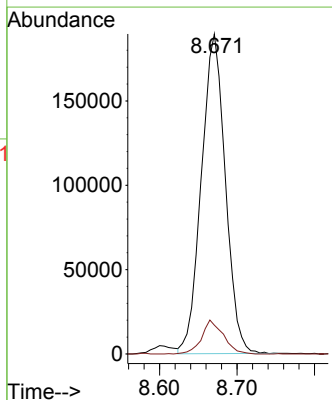
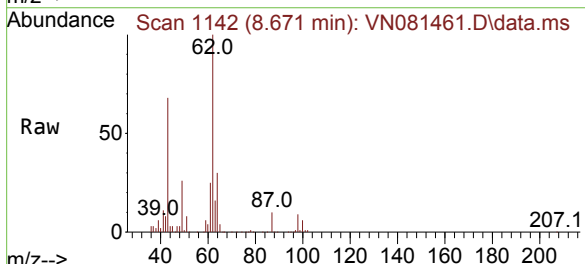
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

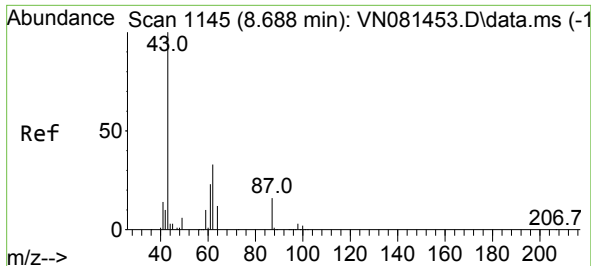
Tgt Ion:	41	Resp:	166338
Ion	Ratio	Lower	Upper
41	100		
39	58.9	48.4	72.6
67	84.9	56.8	85.2
52	34.9	25.0	37.4



#42
1,2-Dichloroethane
Concen: 47.995 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion:	62	Resp:	407047
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.0

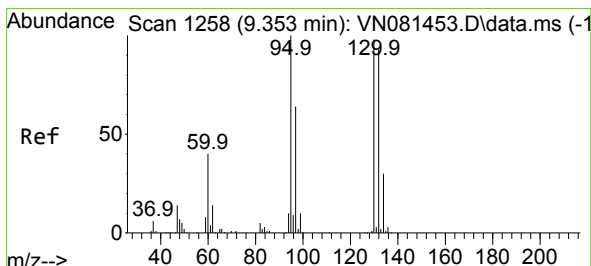
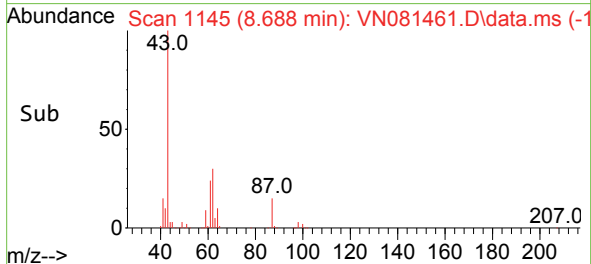
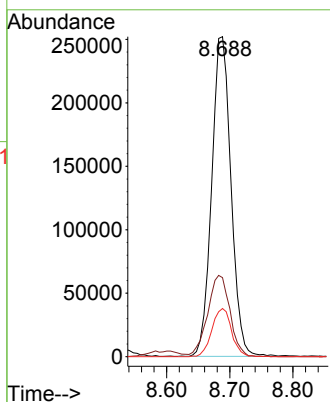
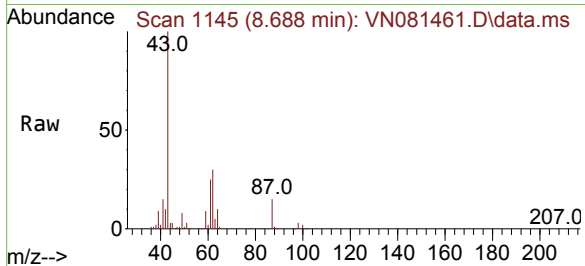




#43
Isopropyl Acetate
Concen: 45.696 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

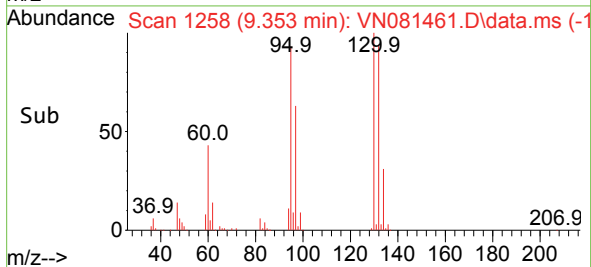
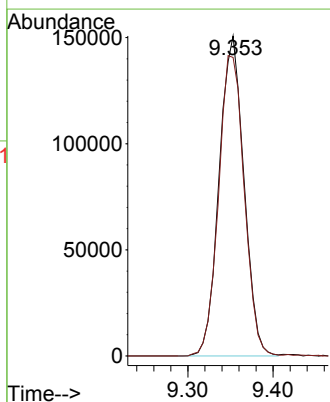
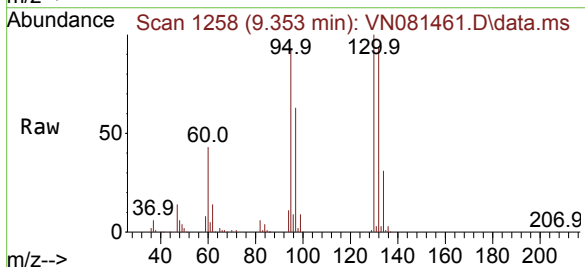
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

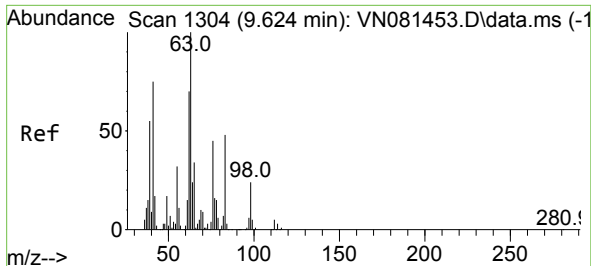
Tgt Ion: 43 Resp: 534657
Ion Ratio Lower Upper
43 100
61 29.1 19.9 29.9
87 15.4 9.0 13.6#



#44
Trichloroethene
Concen: 44.909 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion:130 Resp: 304396
Ion Ratio Lower Upper
130 100
95 93.3 0.0 210.4





#45

1,2-Dichloropropane

Concen: 48.665 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA_N

ClientSampleId :

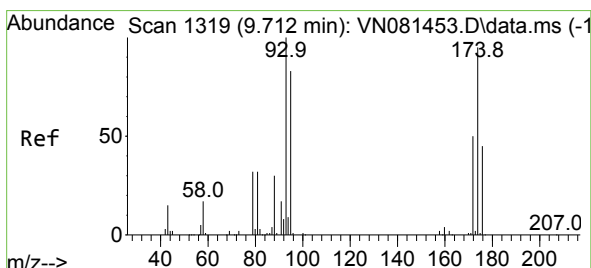
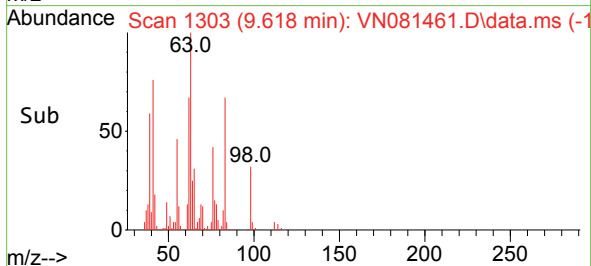
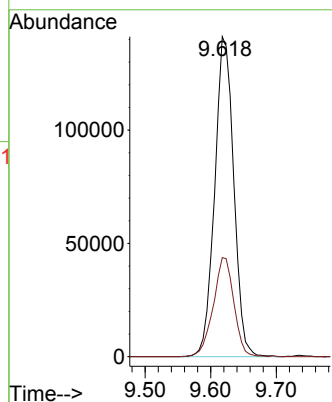
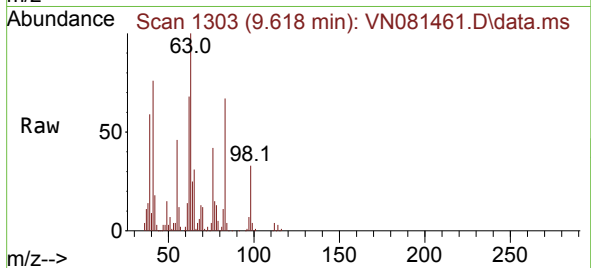
VSTDCCC050

Tgt Ion: 63 Resp: 284229

Ion Ratio Lower Upper

63 100

65 30.9 26.1 39.1



#46

Dibromomethane

Concen: 47.417 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

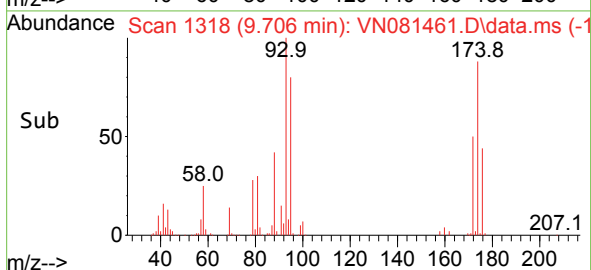
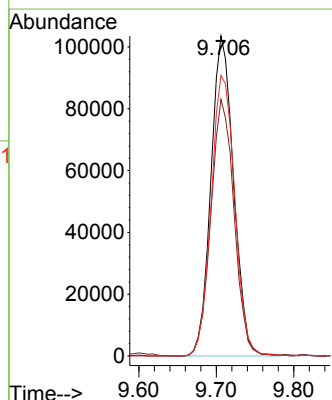
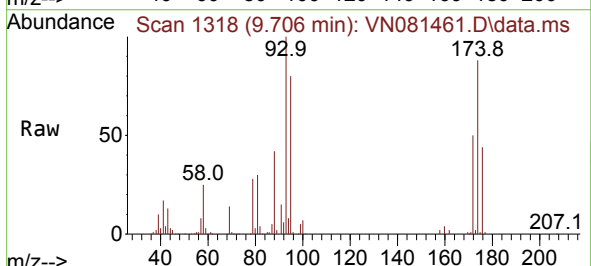
Tgt Ion: 93 Resp: 210317

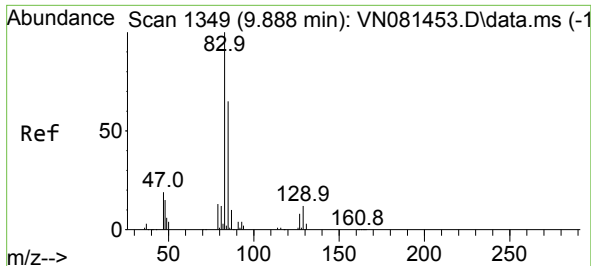
Ion Ratio Lower Upper

93 100

95 82.2 68.1 102.1

174 91.5 57.2 85.8#

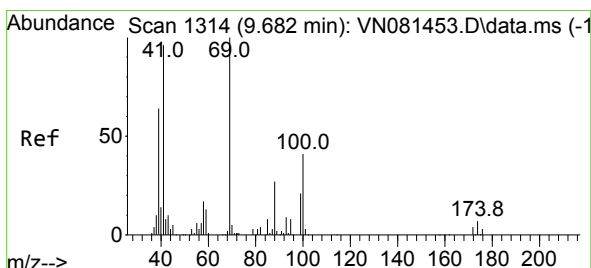
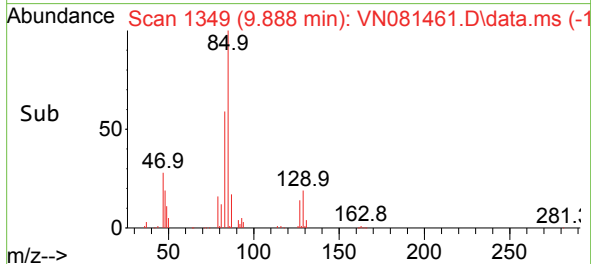
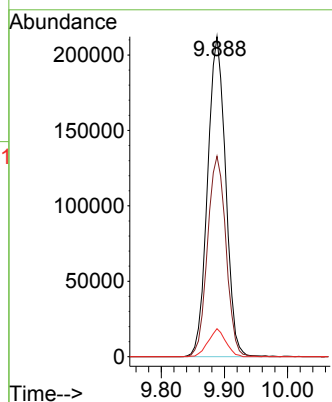
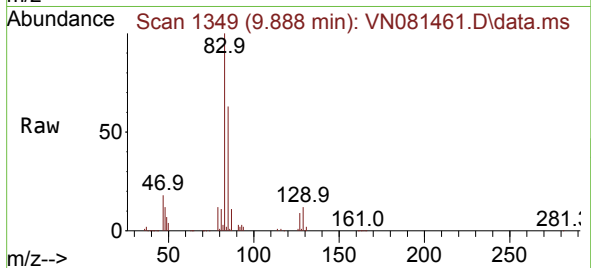




#47
Bromodichloromethane
Concen: 48.516 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

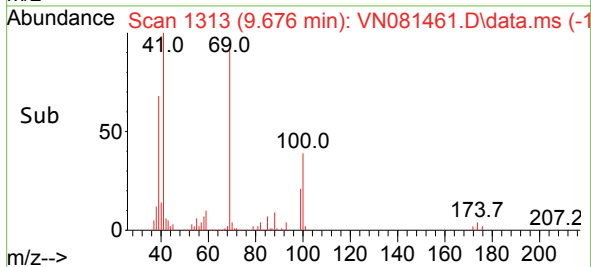
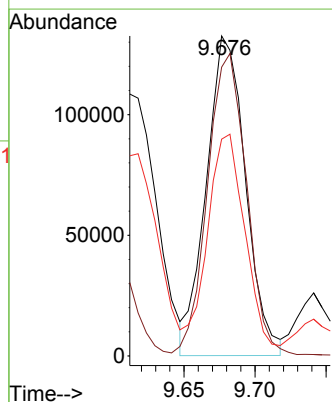
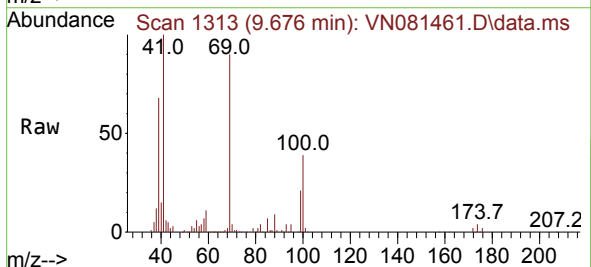
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

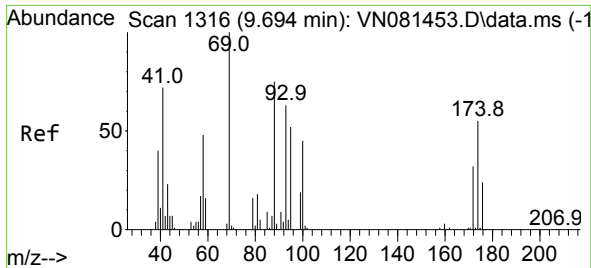
Tgt Ion: 83 Resp: 420735
Ion Ratio Lower Upper
83 100
85 62.7 52.3 78.5
127 8.8 4.6 7.0#



#48
Methyl methacrylate
Concen: 47.180 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 41 Resp: 254615
Ion Ratio Lower Upper
41 100
69 94.5 62.2 93.2#
39 68.0 47.6 71.4





#49

1,4-Dioxane

Concen: 798.471 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

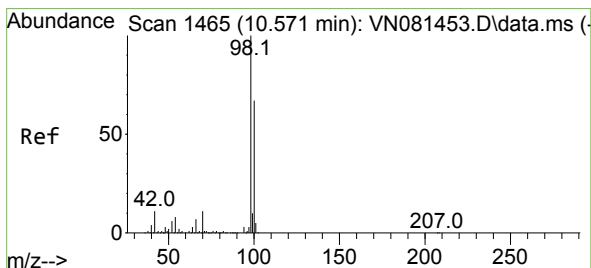
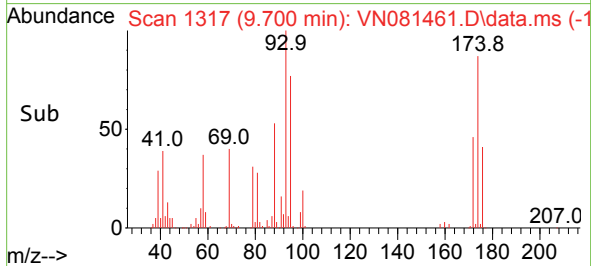
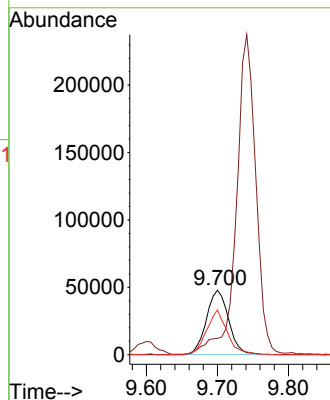
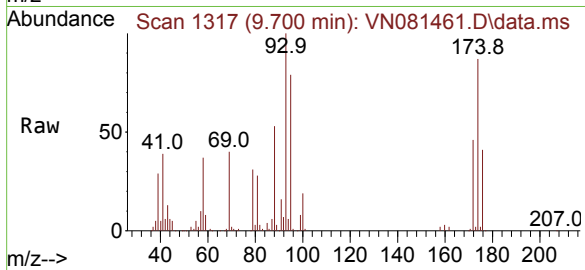
Tgt Ion: 88 Resp: 103554

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 65.1 63.9 95.9



#50

Toluene-d8

Concen: 48.646 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081461.D

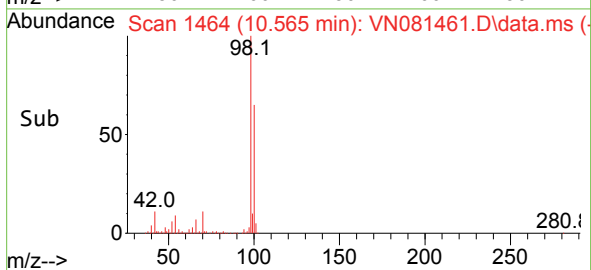
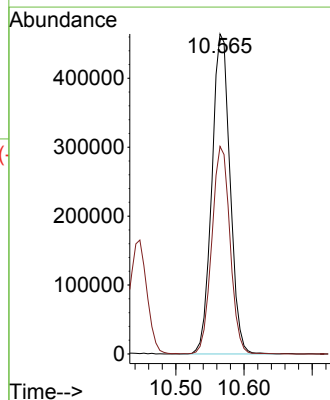
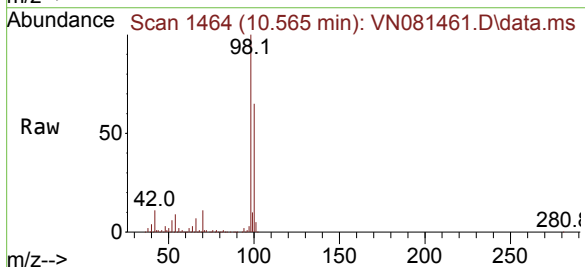
Acq: 19 Mar 2024 11:03

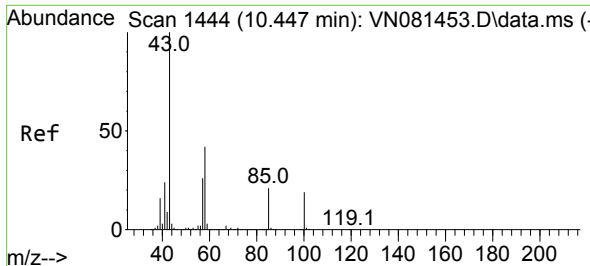
Tgt Ion: 98 Resp: 861344

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0

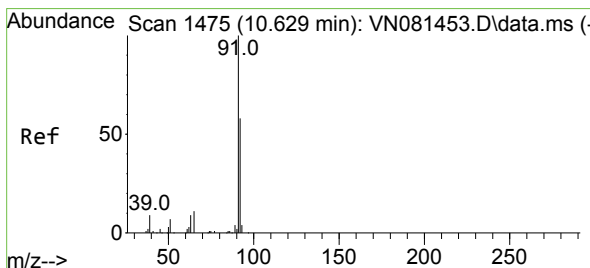
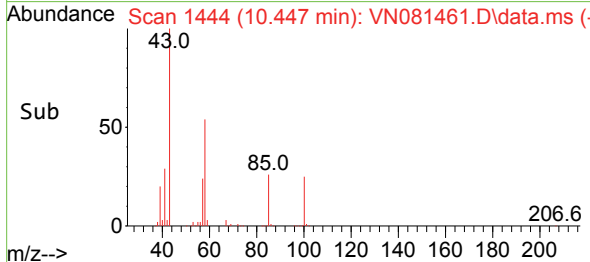
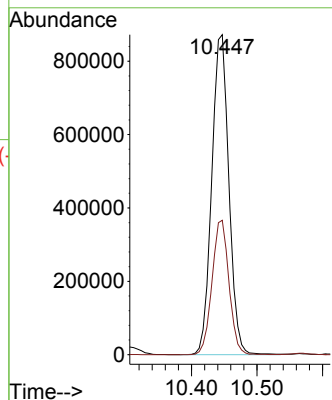
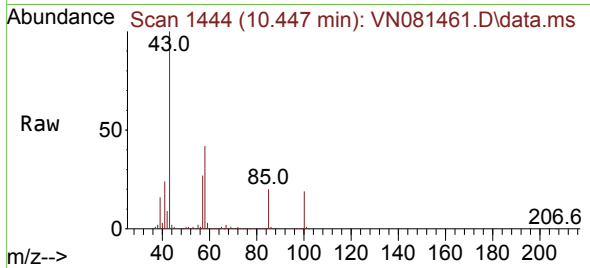




#51
4-Methyl-2-Pentanone
Concen: 221.958 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

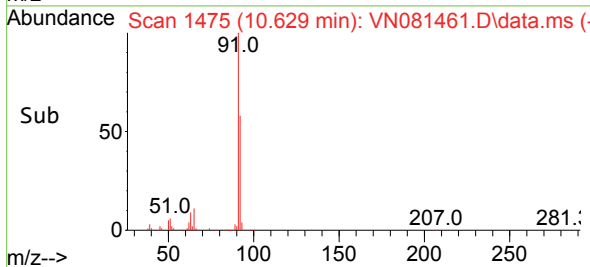
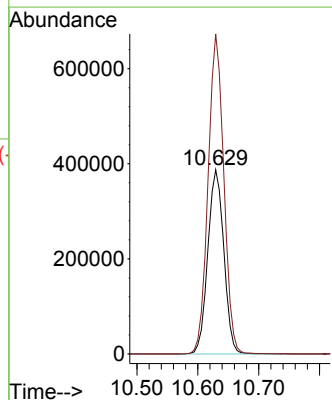
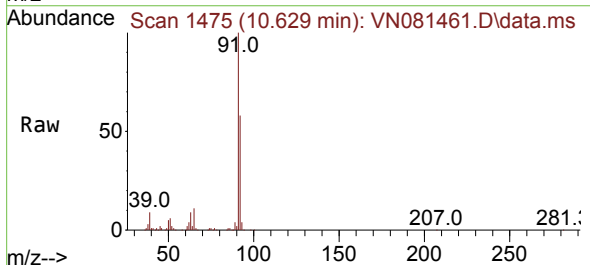
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

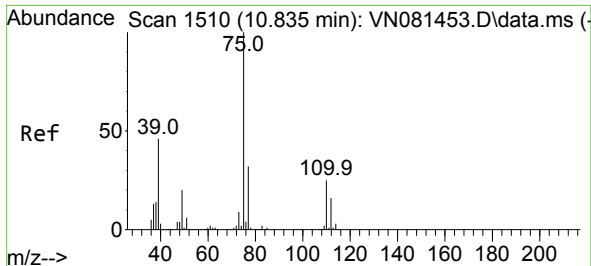
Tgt Ion: 43 Resp: 1584663
Ion Ratio Lower Upper
43 100
58 41.6 29.4 44.0



#52
Toluene
Concen: 46.150 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 92 Resp: 706894
Ion Ratio Lower Upper
92 100
91 170.9 139.4 209.0

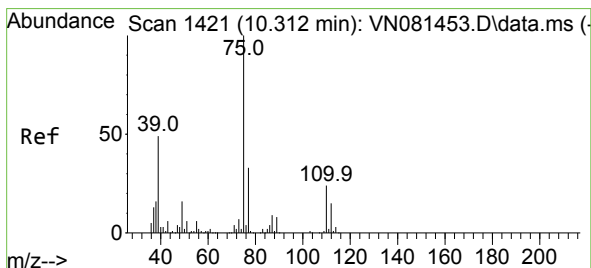
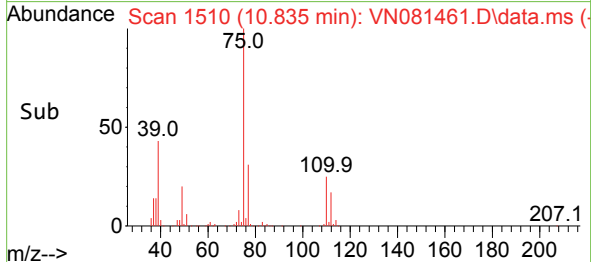
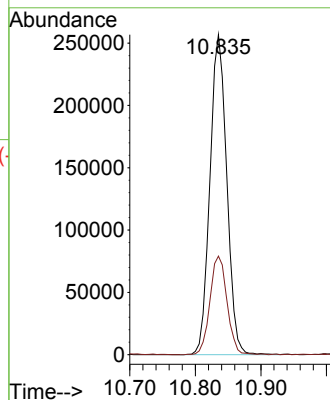
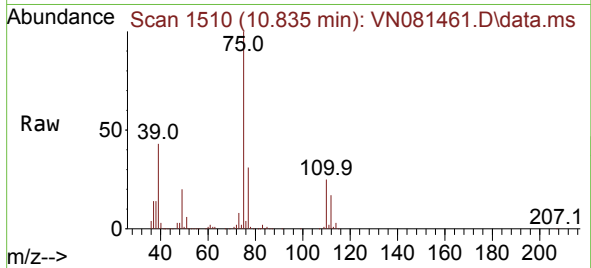




#53
 t-1,3-Dichloropropene
 Concen: 48.891 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081461.D
 Acq: 19 Mar 2024 11:03

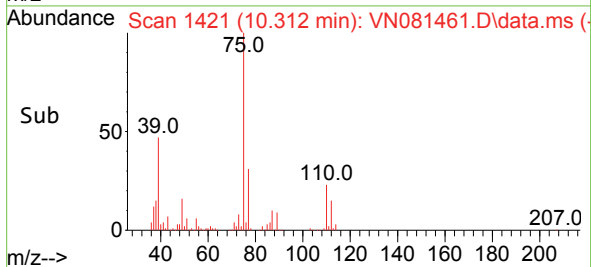
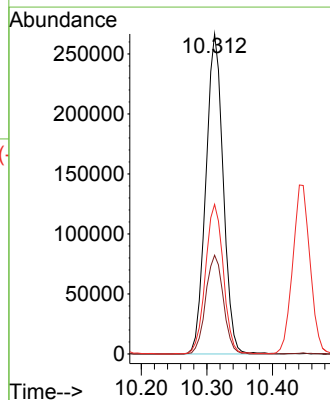
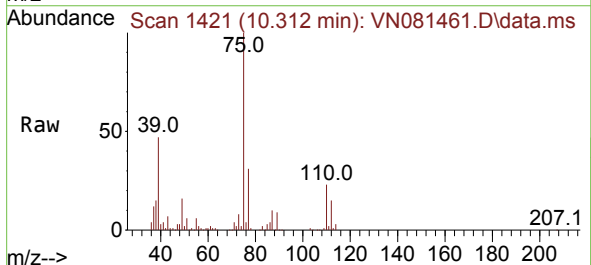
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

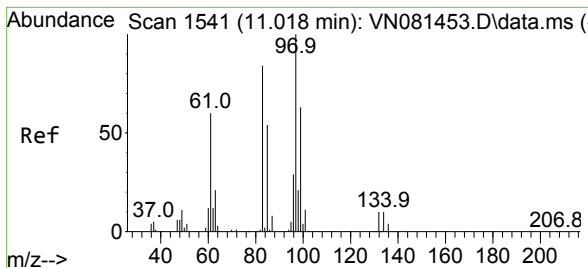
Tgt Ion: 75 Resp: 457827
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 48.814 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081461.D
 Acq: 19 Mar 2024 11:03

Tgt Ion: 75 Resp: 490091
 Ion Ratio Lower Upper
 75 100
 77 30.8 23.3 34.9
 39 46.7 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 45.890 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 282882

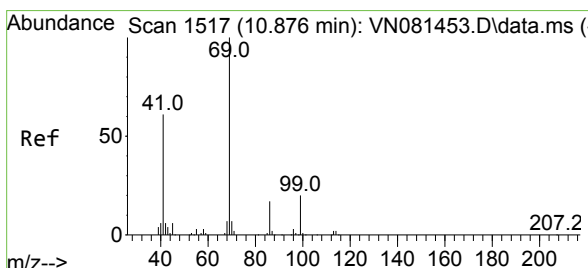
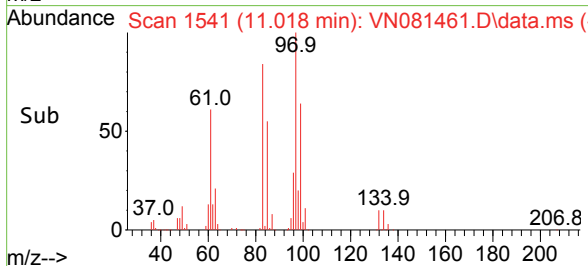
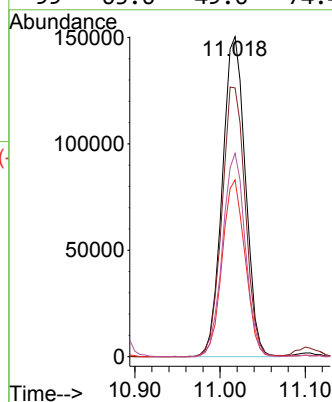
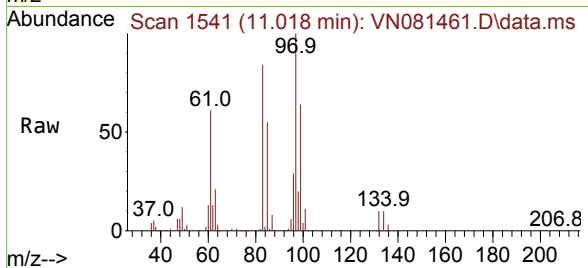
Ion Ratio Lower Upper

97 100

83 84.0 72.9 109.3

85 55.3 50.2 75.2

99 63.6 49.6 74.4



#56

Ethyl methacrylate

Concen: 45.817 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.005 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

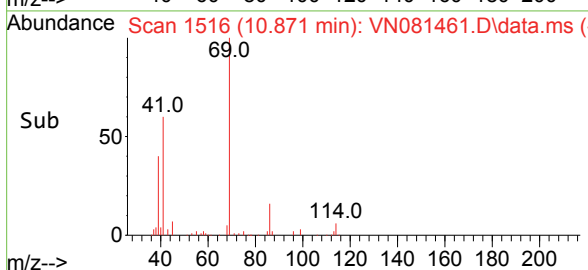
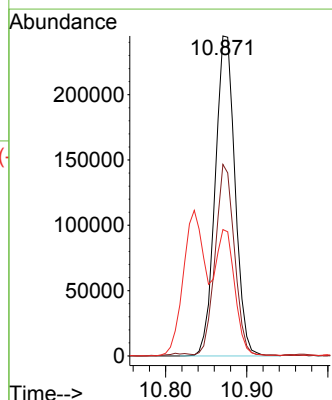
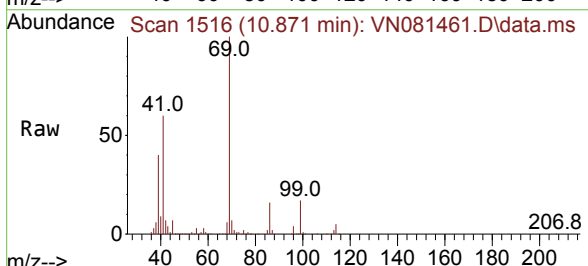
Tgt Ion: 69 Resp: 416413

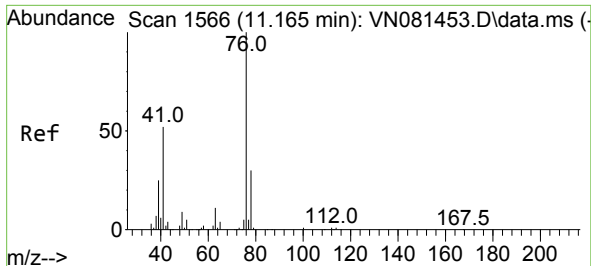
Ion Ratio Lower Upper

69 100

41 57.9 61.0 91.6#

39 39.1 31.8 47.6

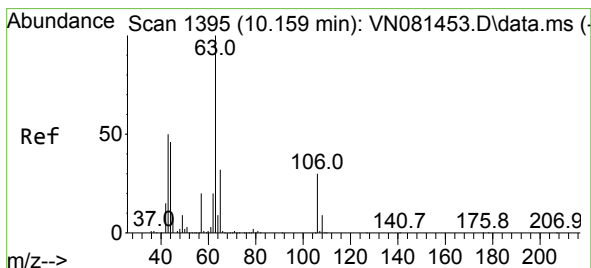
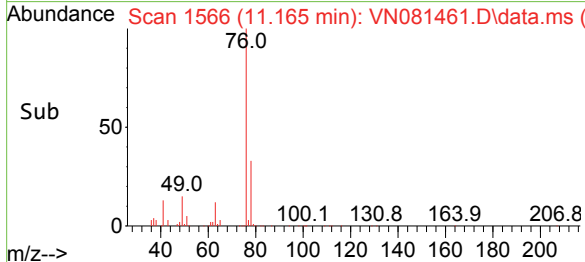
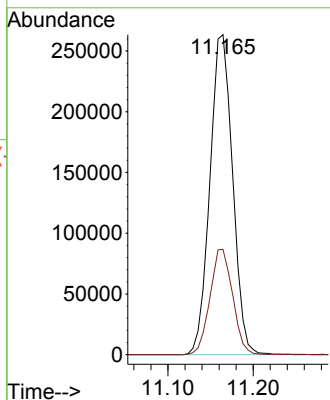
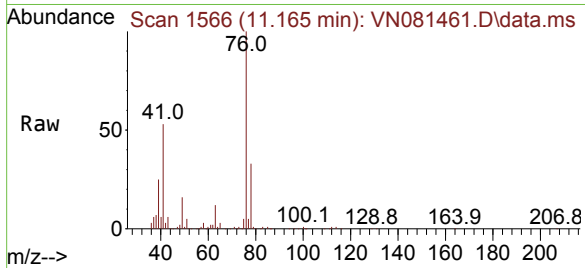




#57
1,3-Dichloropropane
Concen: 48.321 ug/l
RT: 11.165 min Scan# 1116
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

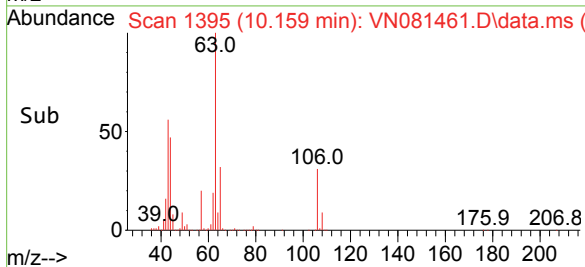
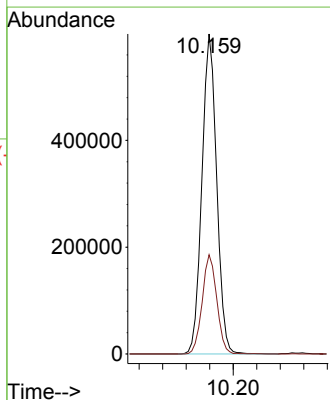
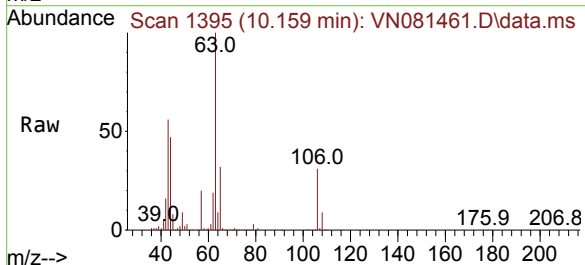
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

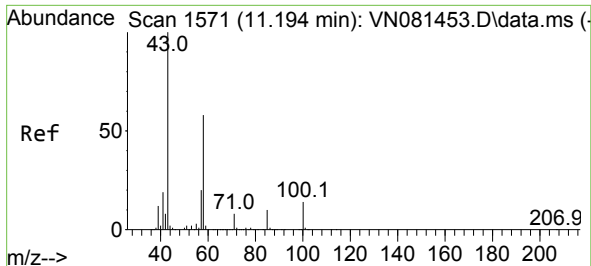
Tgt Ion: 76 Resp: 488301
Ion Ratio Lower Upper
76 100
78 32.8 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 269.555 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 63 Resp: 1045544
Ion Ratio Lower Upper
63 100
106 30.7 18.6 28.0#

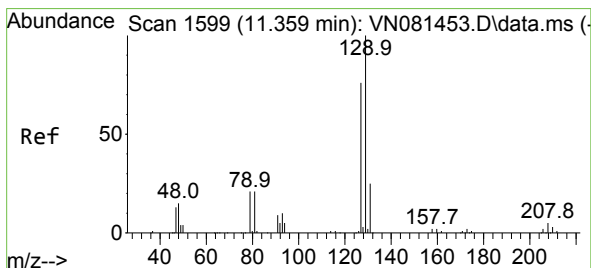
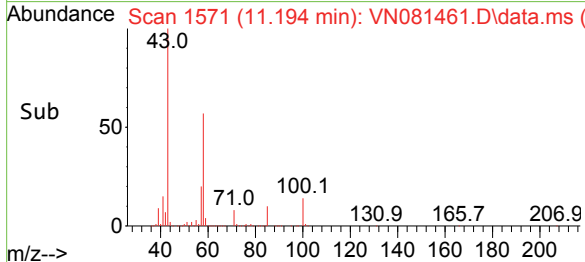
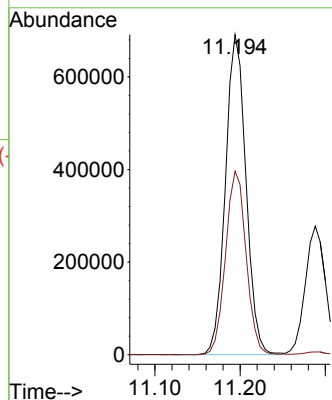
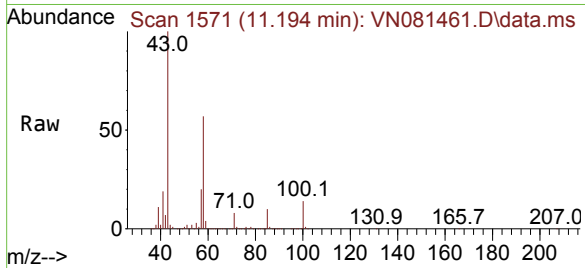




#59
2-Hexanone
Concen: 218.807 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

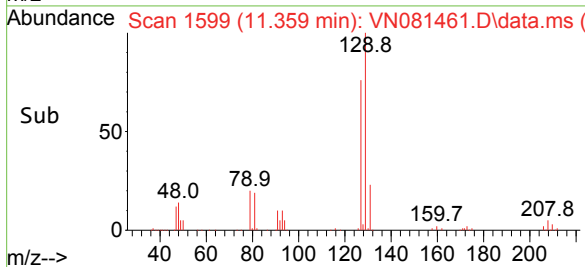
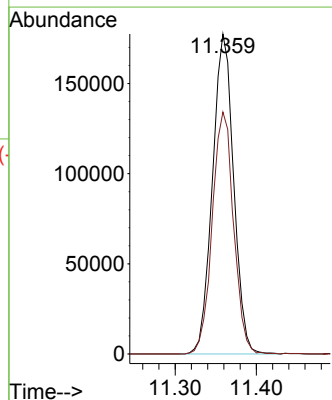
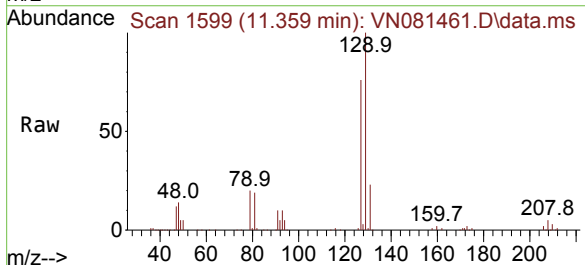
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

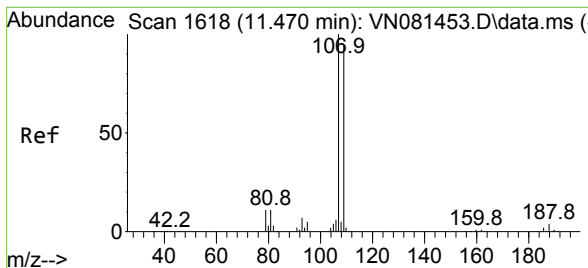
Tgt Ion: 43 Resp: 1154973
Ion Ratio Lower Upper
43 100
58 57.6 25.9 77.8



#60
Dibromochloromethane
Concen: 47.403 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 129 Resp: 321359
Ion Ratio Lower Upper
129 100
127 76.2 39.4 118.2

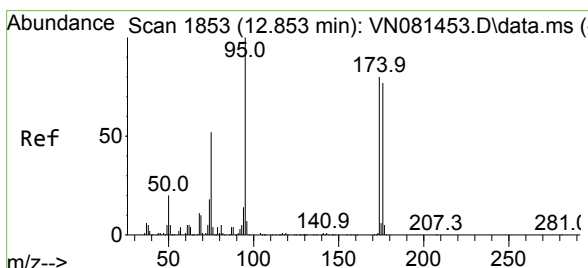
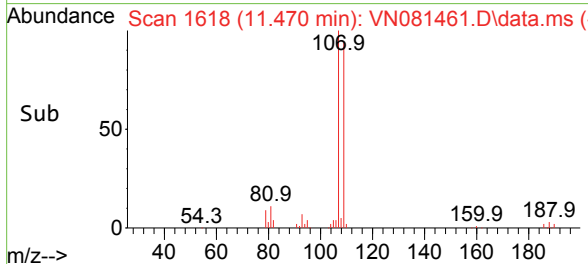
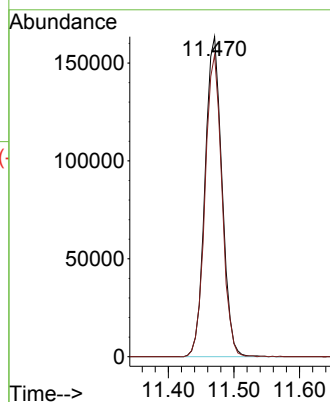
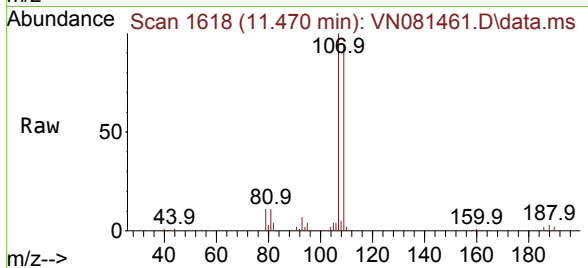




#61
1,2-Dibromoethane
Concen: 46.733 ug/l
RT: 11.470 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

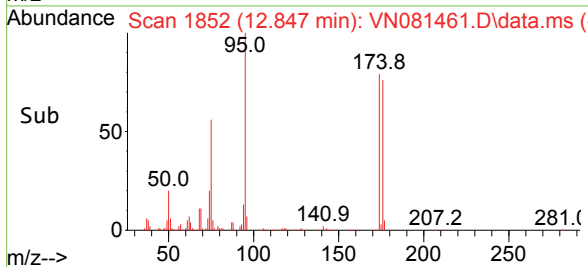
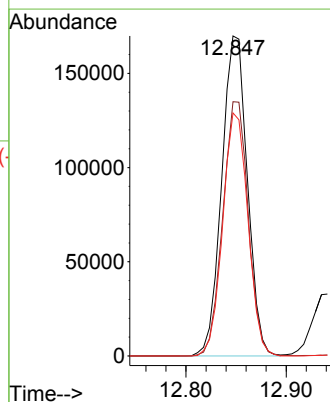
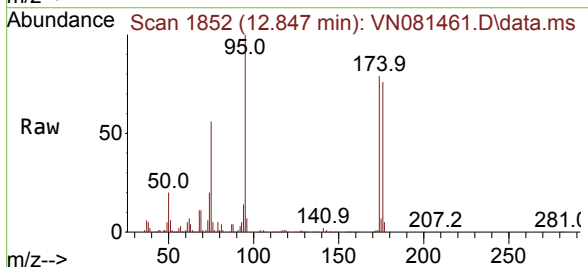
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

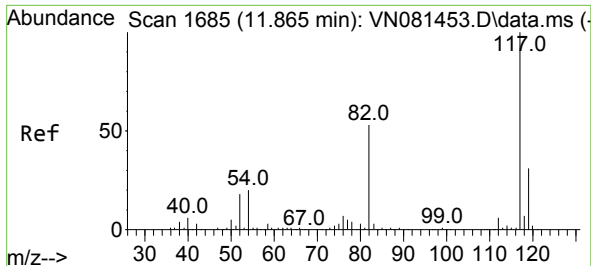
Tgt Ion:107 Resp: 293700
Ion Ratio Lower Upper
107 100
109 93.9 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 48.394 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 95 Resp: 301934
Ion Ratio Lower Upper
95 100
174 78.8 0.0 120.4
176 74.6 0.0 121.0

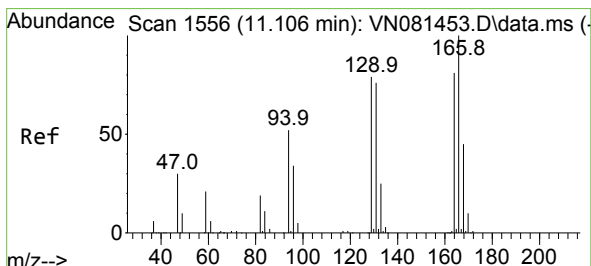
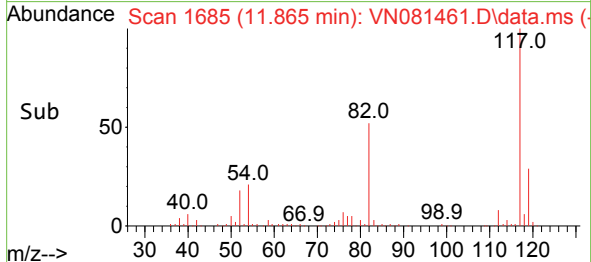
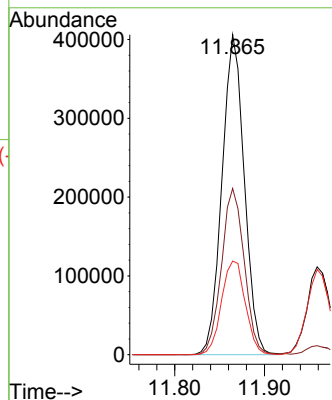
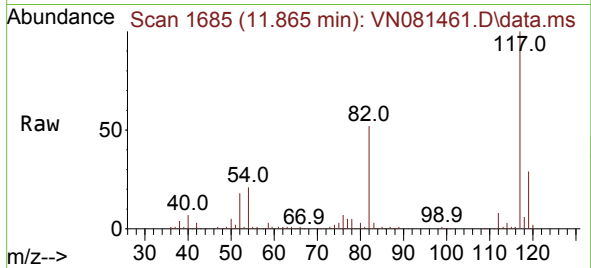




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

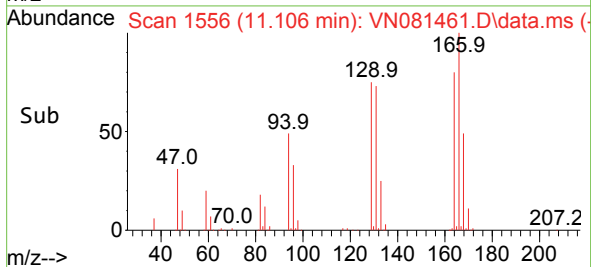
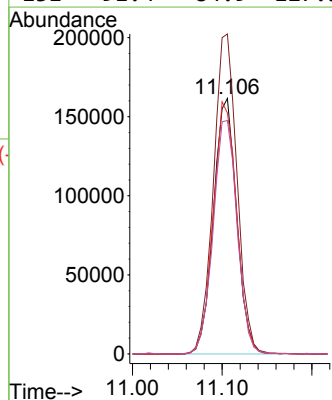
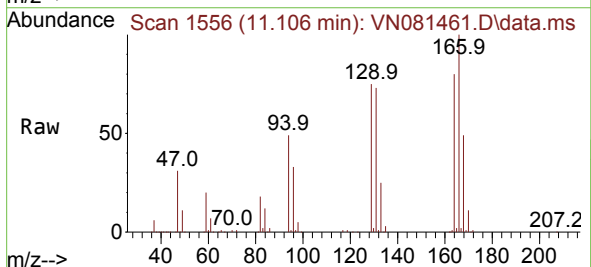
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

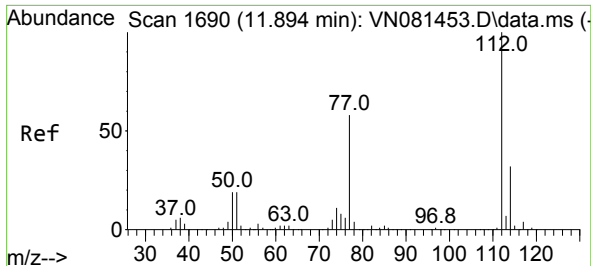
Tgt Ion:117 Resp: 701233
Ion Ratio Lower Upper
117 100
82 51.9 52.7 79.1#
119 29.2 25.3 37.9



#64
Tetrachloroethene
Concen: 43.355 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion:164 Resp: 290608
Ion Ratio Lower Upper
164 100
166 125.2 105.8 158.6
129 94.3 89.6 134.4
131 91.4 84.9 127.3

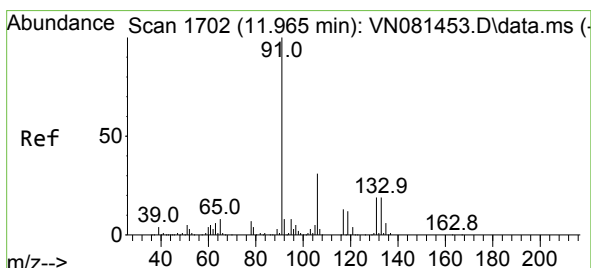
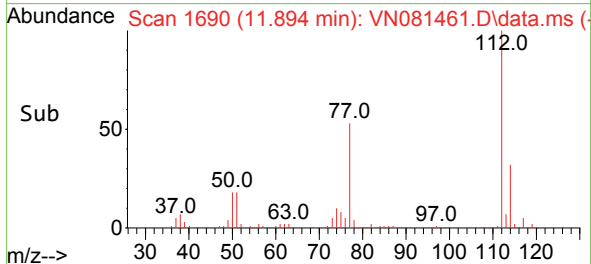
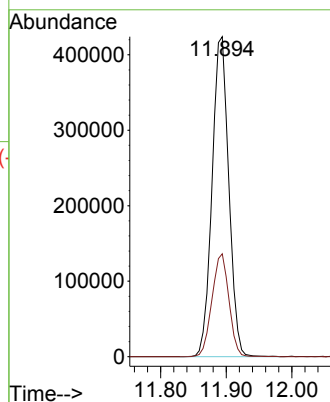
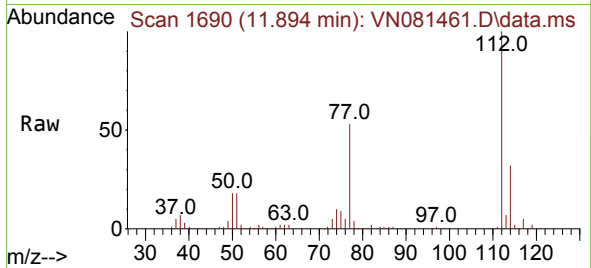




#65
Chlorobenzene
Concen: 45.232 ug/l
RT: 11.894 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

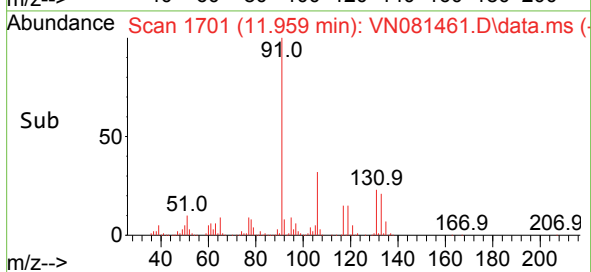
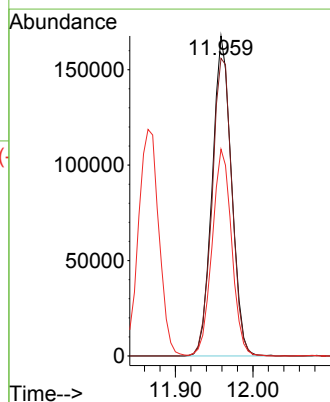
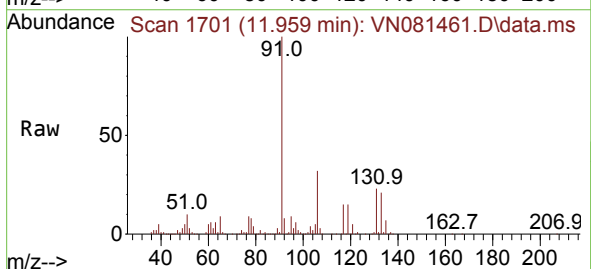
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

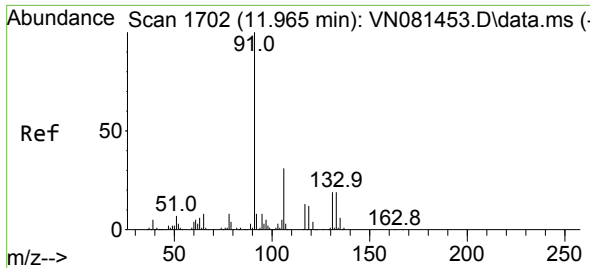
Tgt Ion:112 Resp: 749824
Ion Ratio Lower Upper
112 100
114 32.1 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 47.287 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion:131 Resp: 290528
Ion Ratio Lower Upper
131 100
133 96.7 46.8 140.3
119 65.5 34.6 103.9

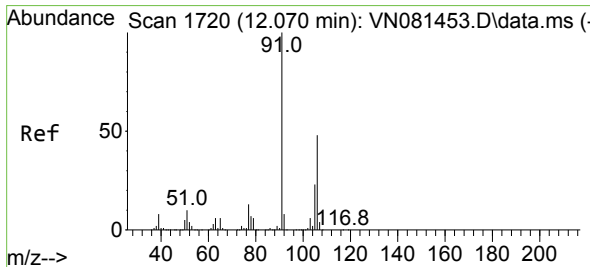
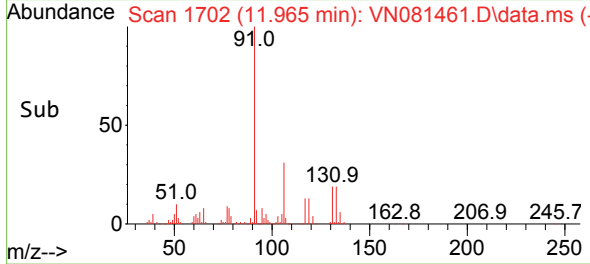
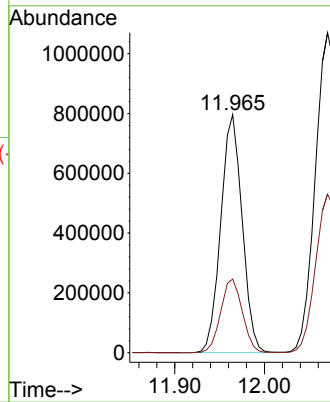
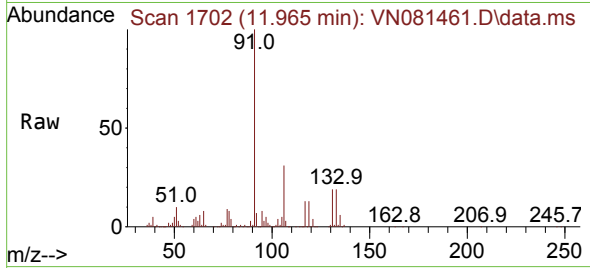




#67
Ethyl Benzene
Concen: 45.767 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

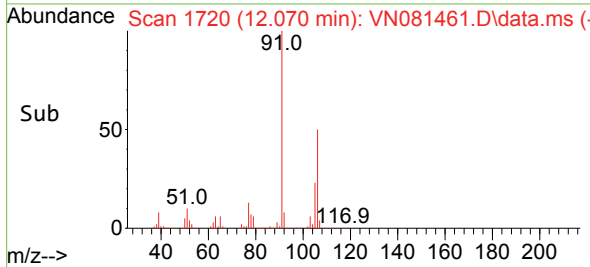
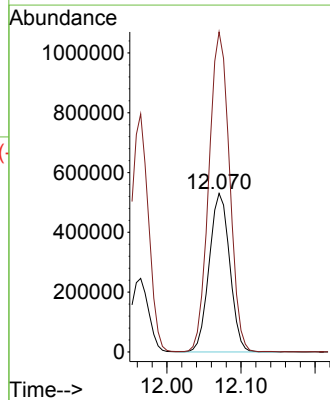
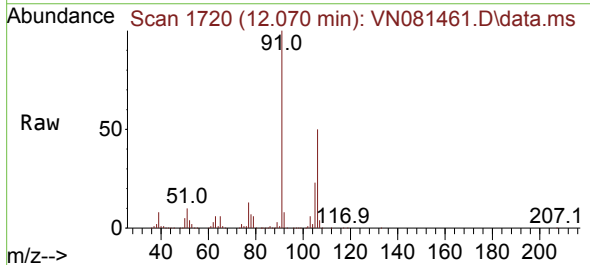
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

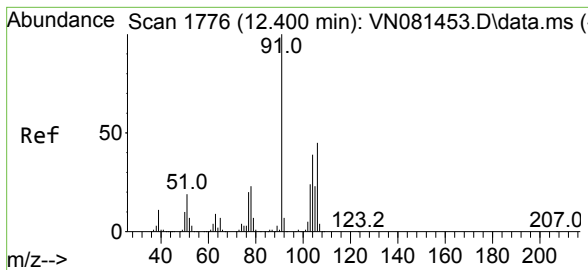
Tgt Ion: 91 Resp: 1317879
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.6



#68
m/p-Xylenes
Concen: 94.424 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion:106 Resp: 1019315
Ion Ratio Lower Upper
106 100
91 202.9 169.0 253.6

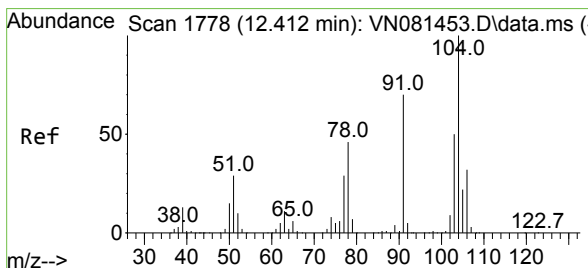
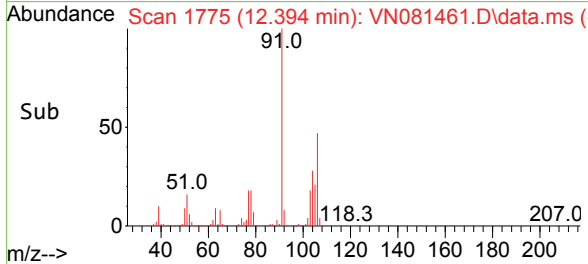
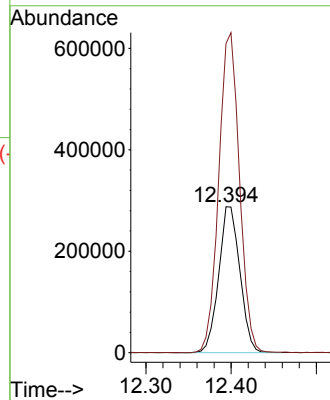
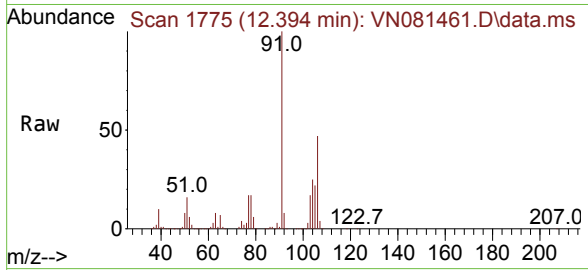




#69
o-Xylene
Concen: 47.028 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

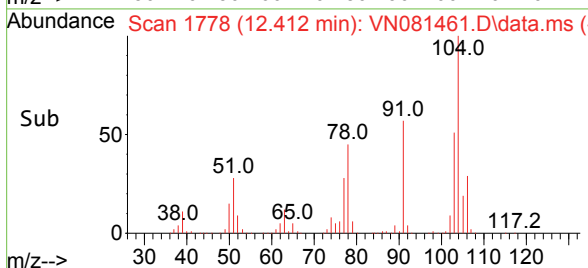
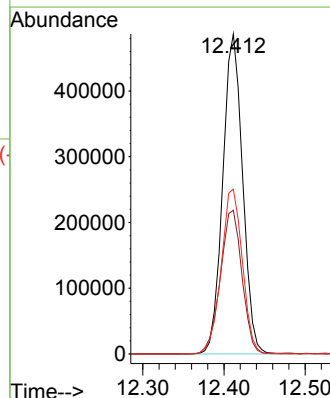
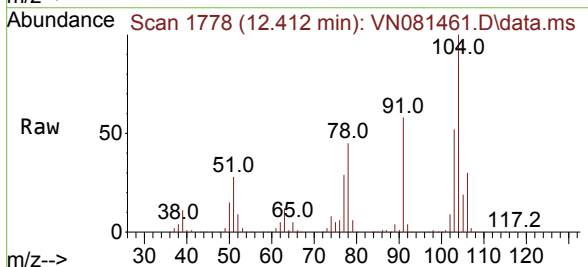
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

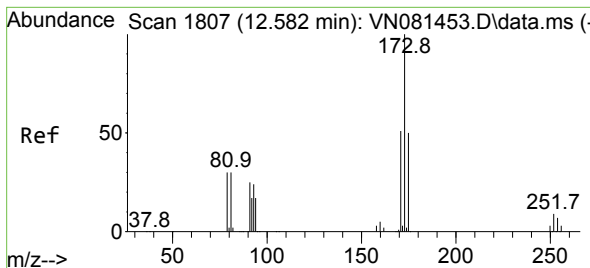
Tgt Ion:106 Resp: 498396
Ion Ratio Lower Upper
106 100
91 214.5 112.1 336.3



#70
Styrene
Concen: 48.446 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion:104 Resp: 828044
Ion Ratio Lower Upper
104 100
78 48.9 43.8 65.8
103 55.1 44.2 66.2





#71

Bromoform

Concen: 44.499 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

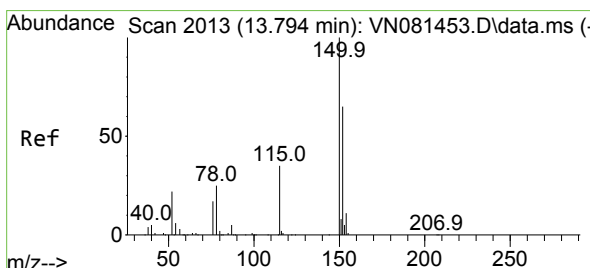
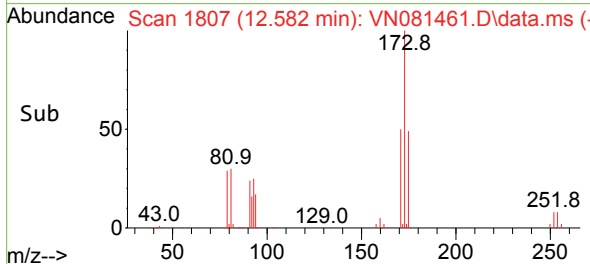
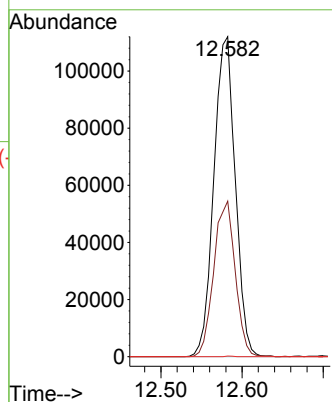
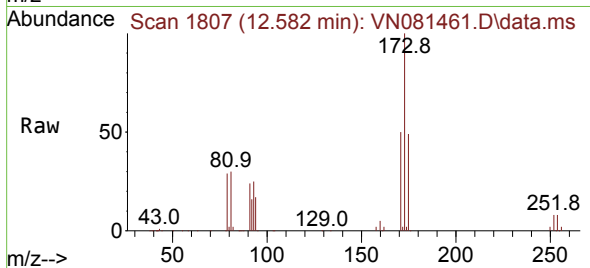
Tgt Ion:173 Resp: 205449

Ion Ratio Lower Upper

173 100

175 48.7 23.1 69.2

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

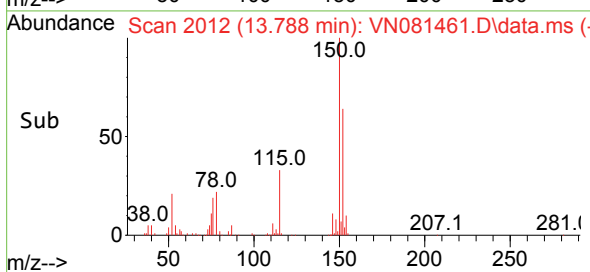
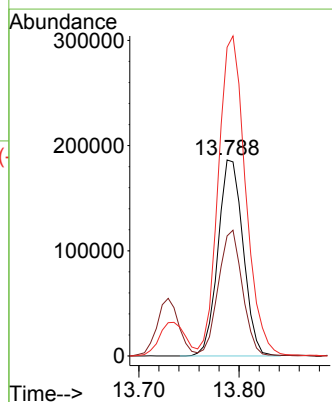
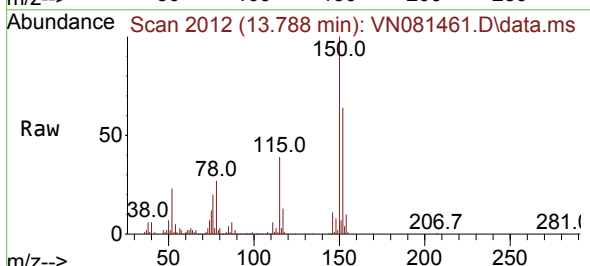
Tgt Ion:152 Resp: 324213

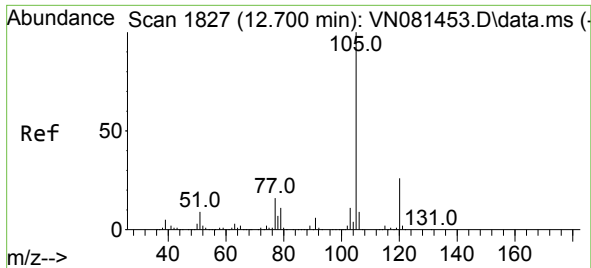
Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 176.7 0.0 339.8

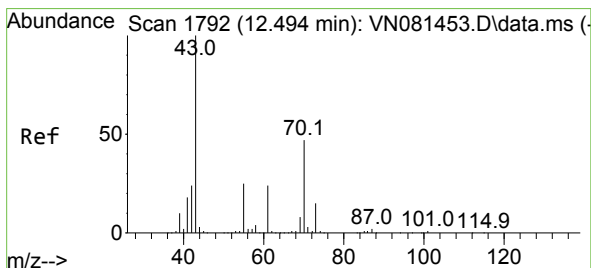
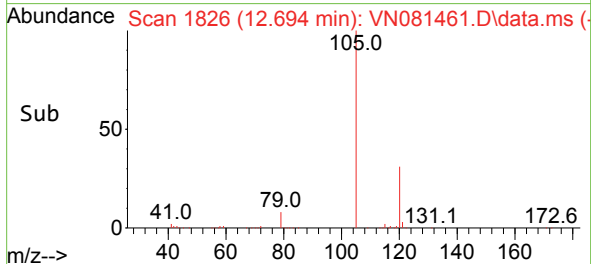
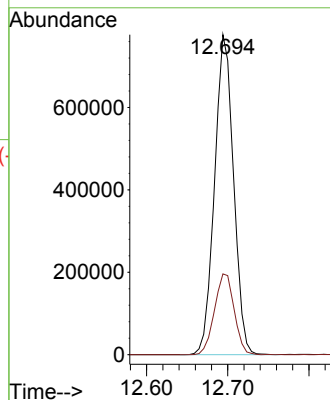
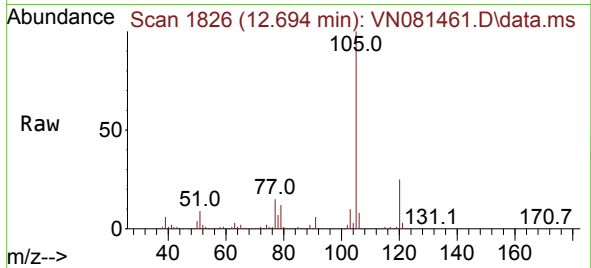




#73
Isopropylbenzene
Concen: 45.648 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

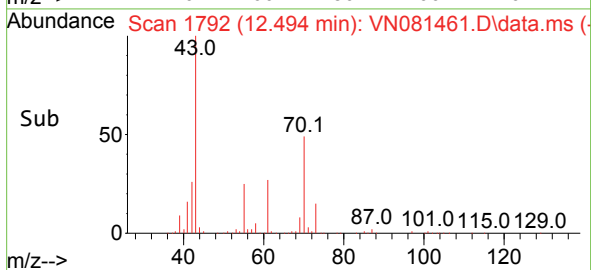
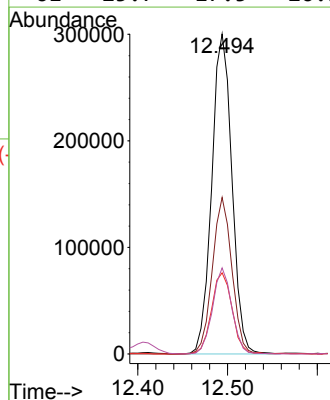
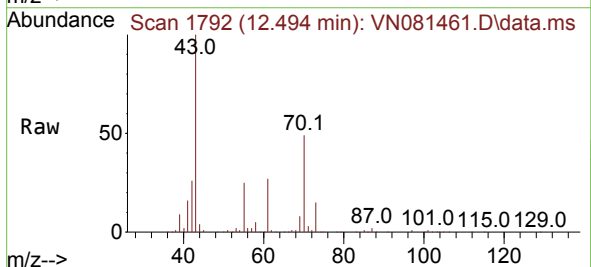
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

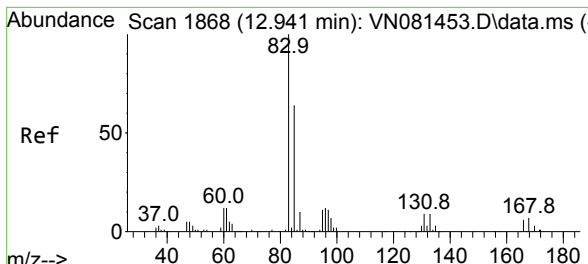
Tgt Ion:105 Resp: 1261552
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.6



#74
N-ethyl acetate
Concen: 46.878 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 43 Resp: 468837
Ion Ratio Lower Upper
43 100
70 47.5 30.1 45.1#
55 25.9 17.0 25.4#
61 25.7 17.5 26.3

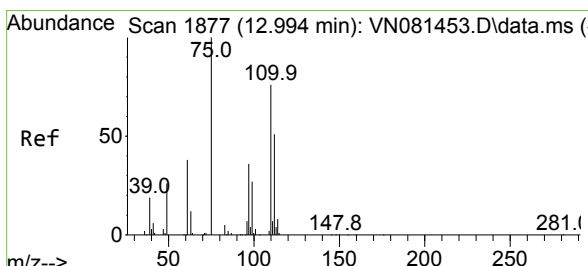
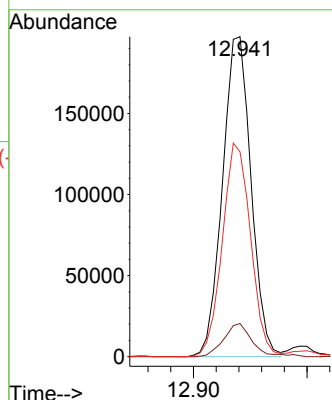
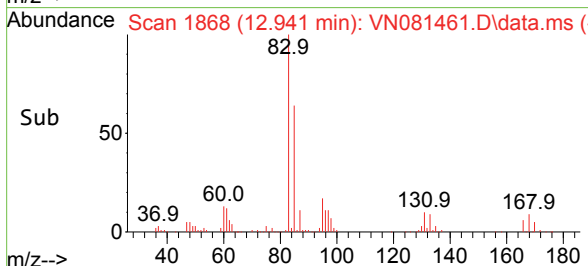
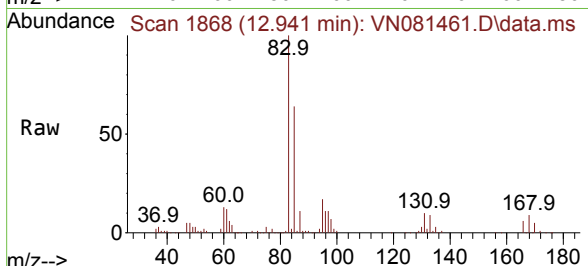




#75
1,1,2,2-Tetrachloroethane
Concen: 42.389 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

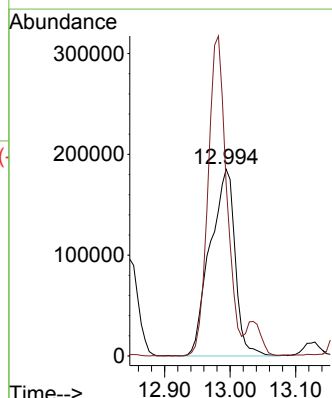
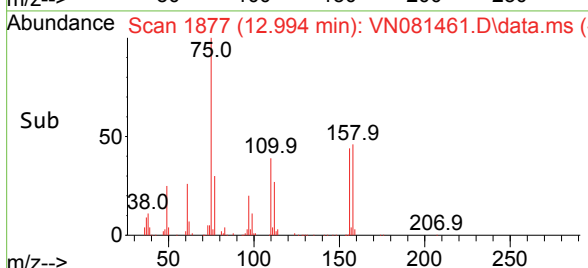
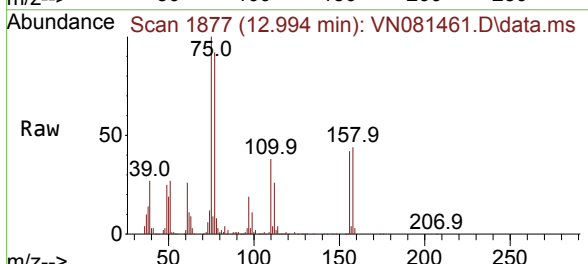
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

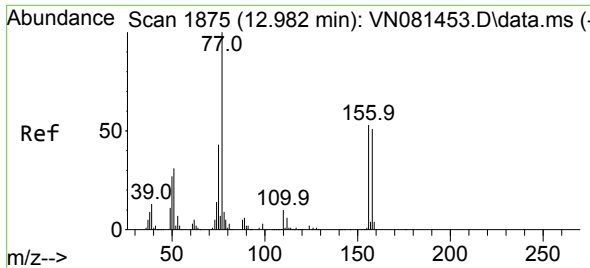
Tgt Ion: 83 Resp: 344433
Ion Ratio Lower Upper
83 100
131 10.4 4.1 12.3
85 66.0 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 63.252 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 75 Resp: 490537
Ion Ratio Lower Upper
75 100
77 127.7 91.0 272.8

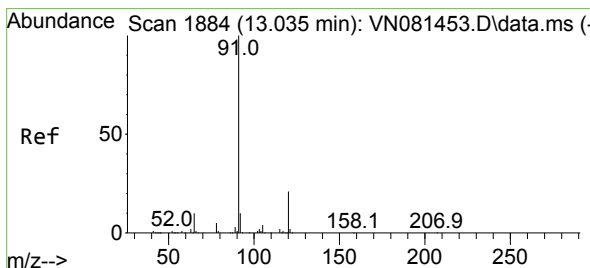
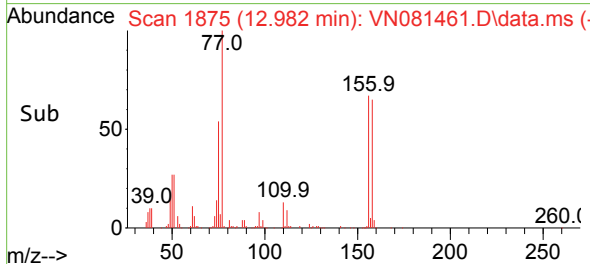
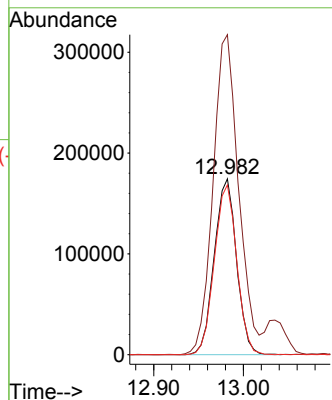
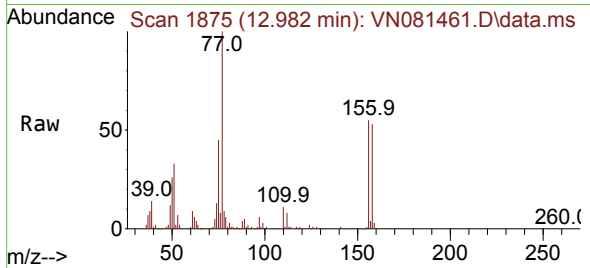




#77
Bromobenzene
Concen: 44.056 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

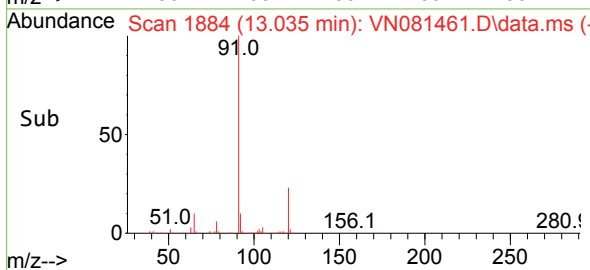
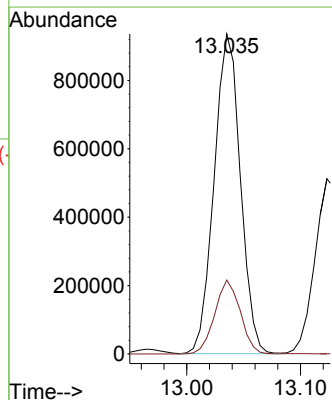
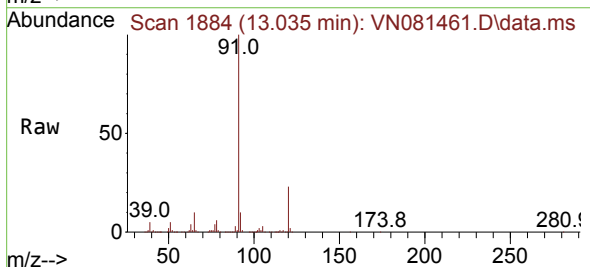
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

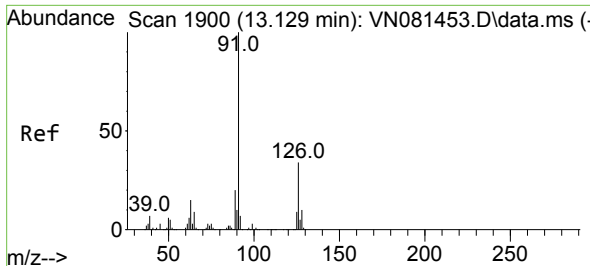
Tgt Ion:156 Resp: 300765
Ion Ratio Lower Upper
156 100
77 208.3 138.1 414.3
158 97.2 46.5 139.5



#78
n-propylbenzene
Concen: 46.001 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 91 Resp: 1501340
Ion Ratio Lower Upper
91 100
120 22.5 10.3 30.9

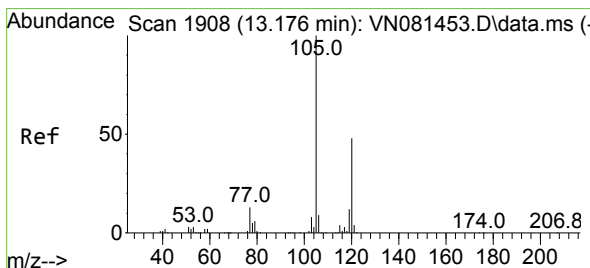
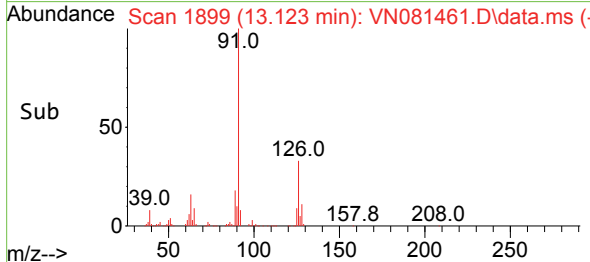
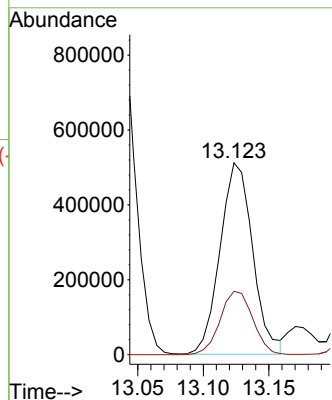
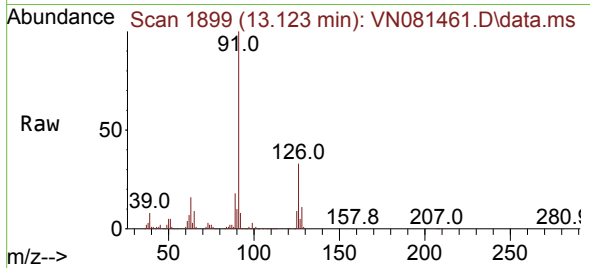




#79
2-Chlorotoluene
Concen: 45.423 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

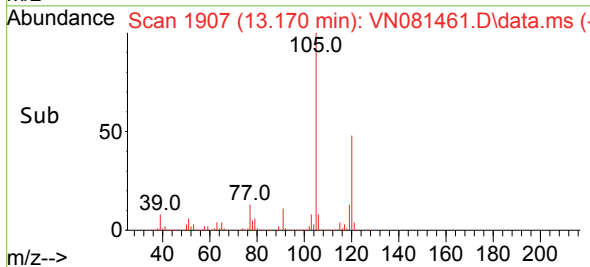
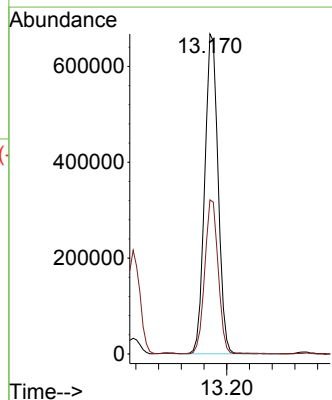
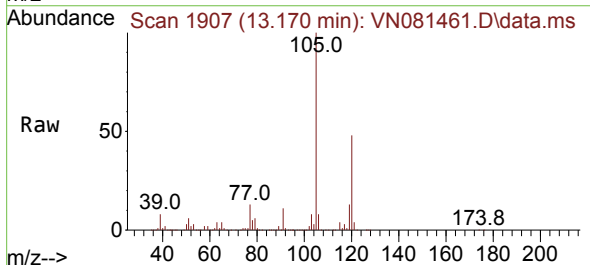
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

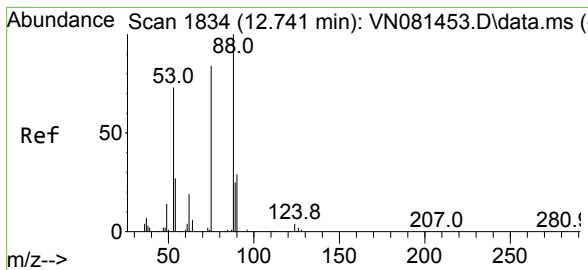
Tgt Ion: 91 Resp: 887281
Ion Ratio Lower Upper
91 100
126 33.1 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 47.664 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 105 Resp: 1087980
Ion Ratio Lower Upper
105 100
120 48.1 23.0 69.0

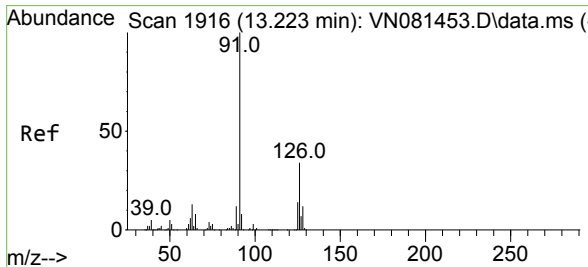
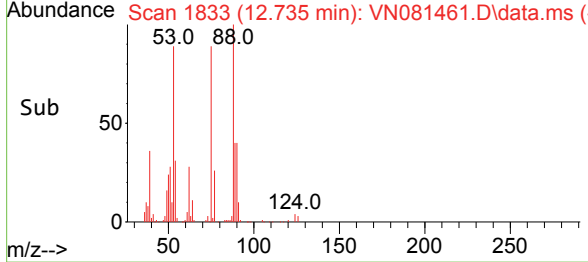
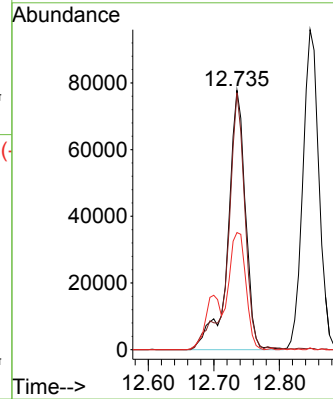
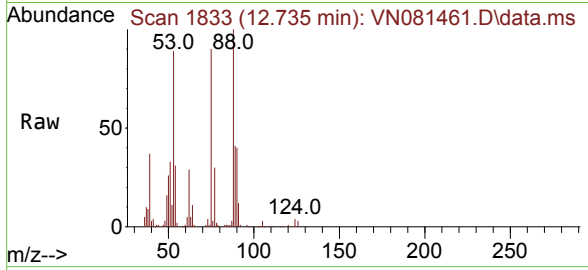




#81
trans-1,4-Dichloro-2-butene
Concen: 50.404 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

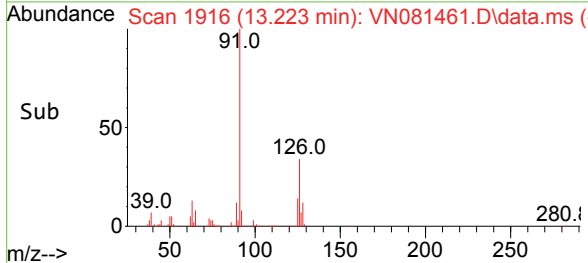
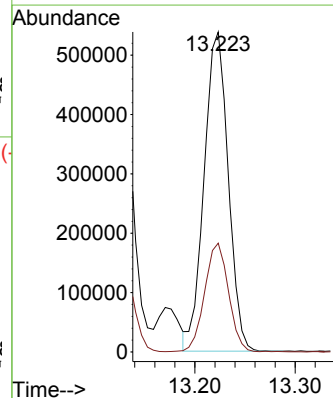
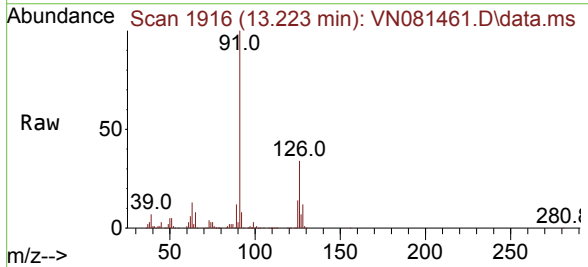
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

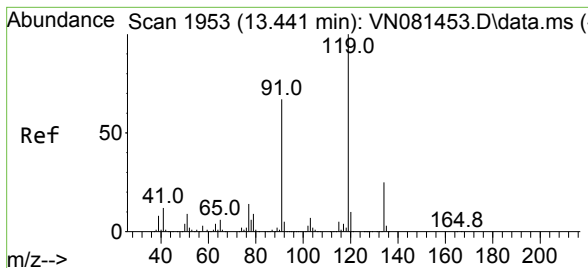
Tgt Ion: 75 Resp: 144652
Ion Ratio Lower Upper
75 100
53 95.1 71.4 107.2
89 43.4 33.4 50.0



#82
4-Chlorotoluene
Concen: 46.664 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 91 Resp: 898682
Ion Ratio Lower Upper
91 100
126 33.7 15.3 45.9





#83

tert-Butylbenzene

Concen: 45.389 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

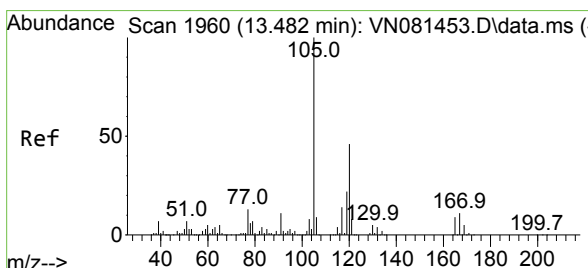
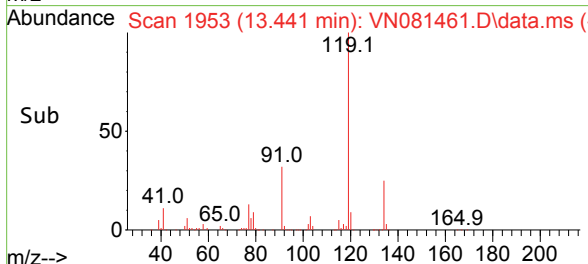
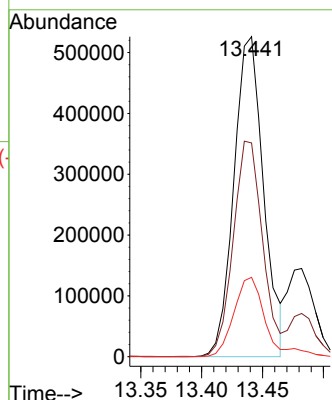
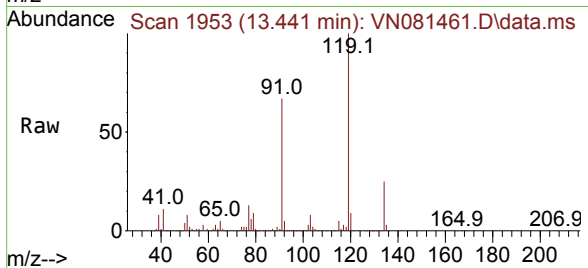
Tgt Ion:119 Resp: 893420

Ion Ratio Lower Upper

119 100

91 66.5 36.8 110.4

134 26.4 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 47.076 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081461.D

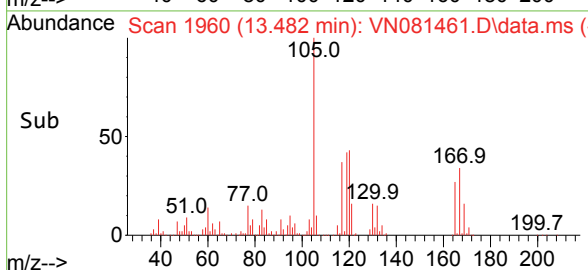
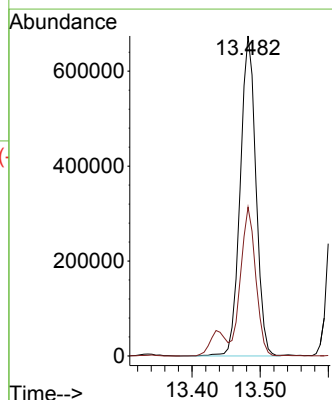
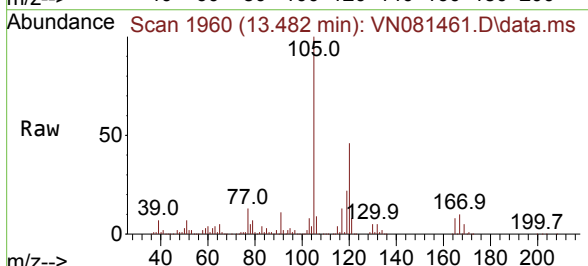
Acq: 19 Mar 2024 11:03

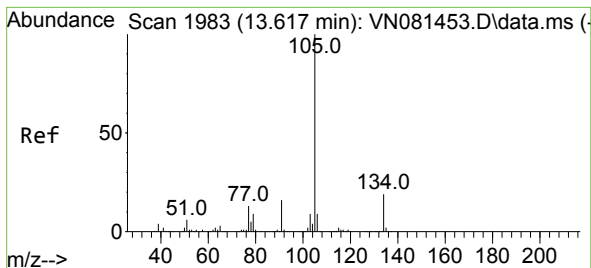
Tgt Ion:105 Resp: 1080009

Ion Ratio Lower Upper

105 100

120 44.6 20.9 62.7





#85

sec-Butylbenzene

Concen: 45.232 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA_N

ClientSampleId :

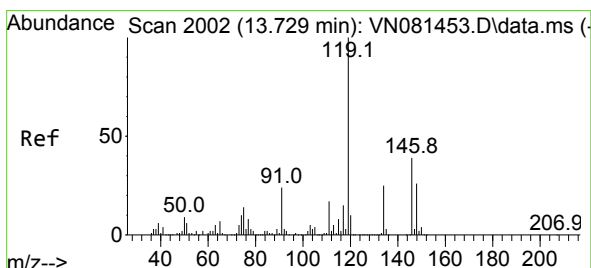
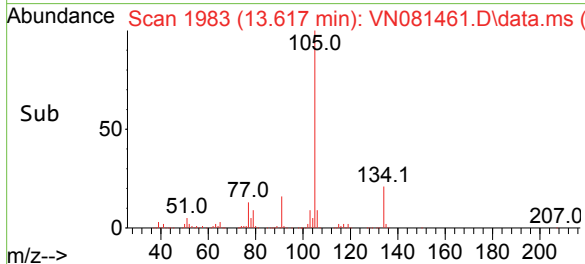
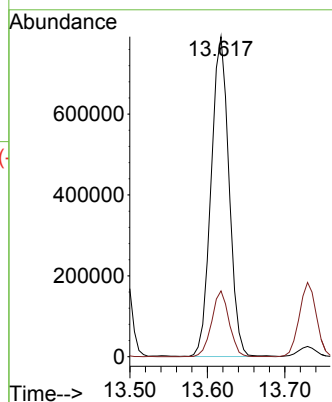
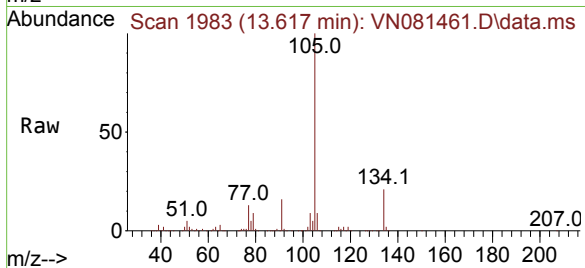
VSTDCCC050

Tgt Ion:105 Resp: 1272781

Ion Ratio Lower Upper

105 100

134 20.0 8.6 25.8



#86

p-Isopropyltoluene

Concen: 47.386 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

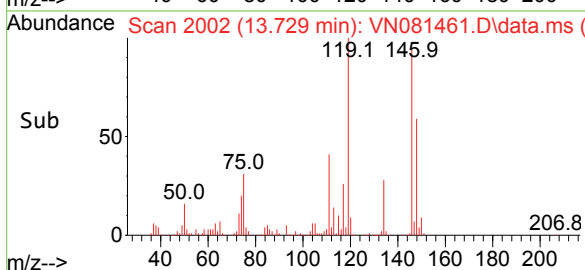
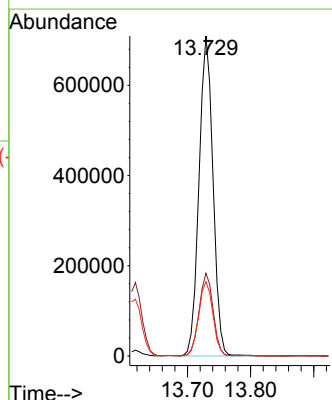
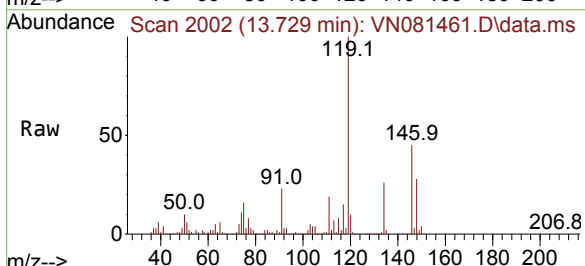
Tgt Ion:119 Resp: 1089968

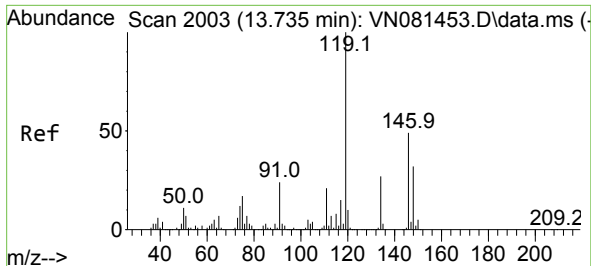
Ion Ratio Lower Upper

119 100

134 25.8 12.4 37.2

91 23.4 13.5 40.4

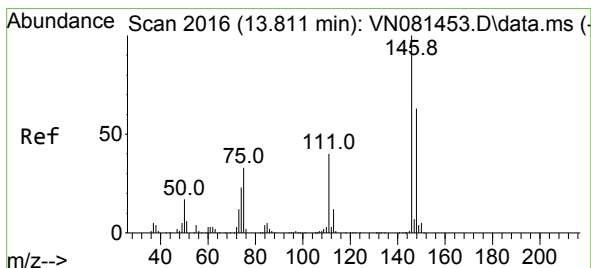
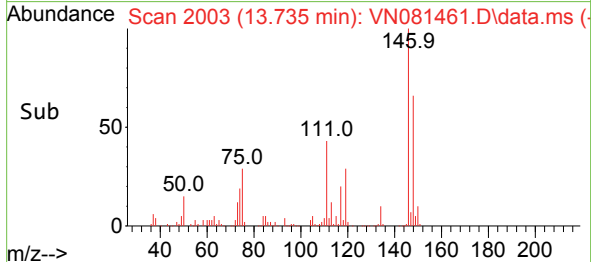
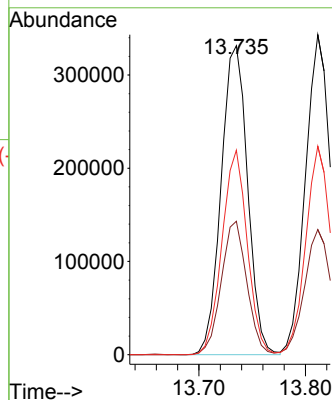
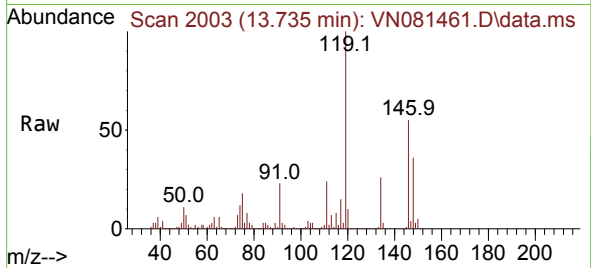




#87
1,3-Dichlorobenzene
Concen: 45.628 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

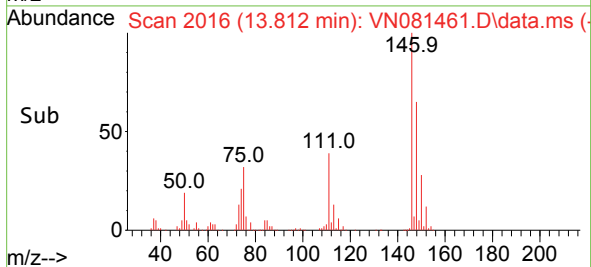
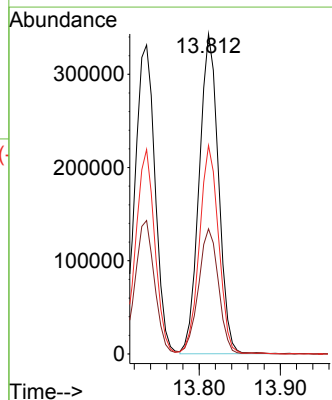
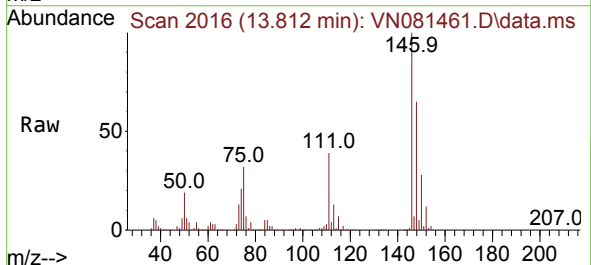
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

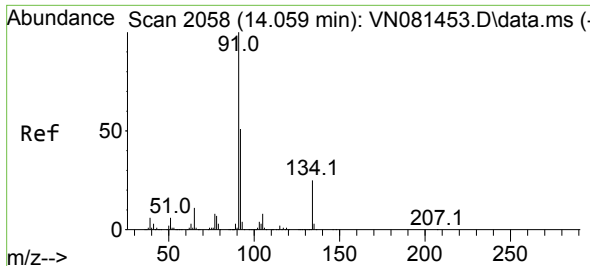
Tgt Ion:146 Resp: 572317
Ion Ratio Lower Upper
146 100
111 41.7 23.9 71.7
148 63.0 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 43.683 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion:146 Resp: 567342
Ion Ratio Lower Upper
146 100
111 40.2 22.6 67.7
148 64.1 31.9 95.5

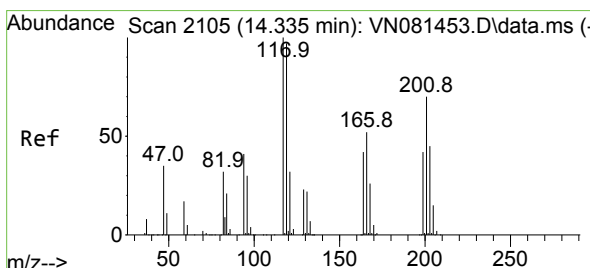
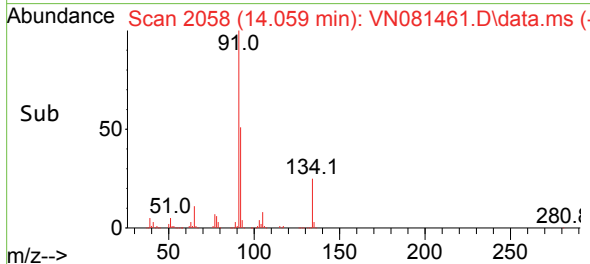
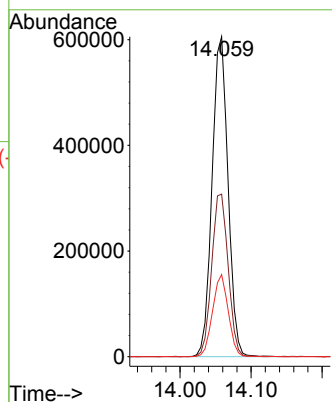
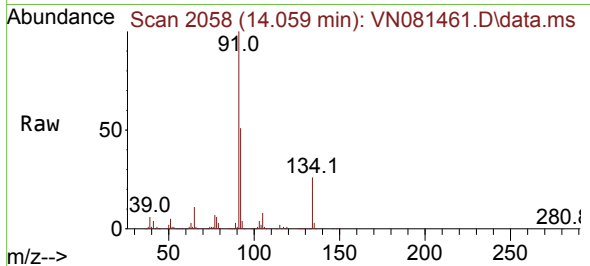




#89
n-Butylbenzene
Concen: 46.244 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

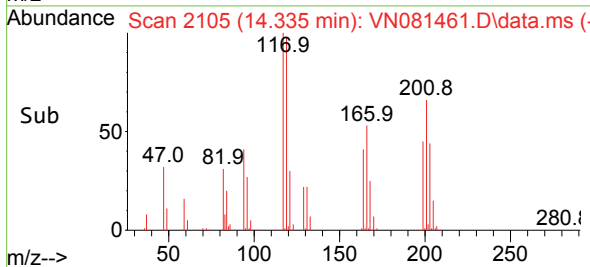
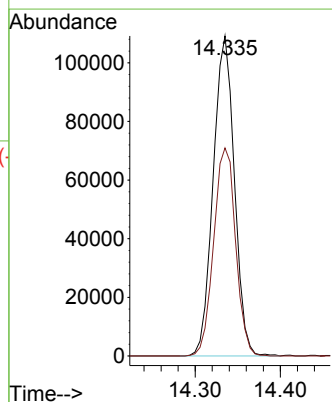
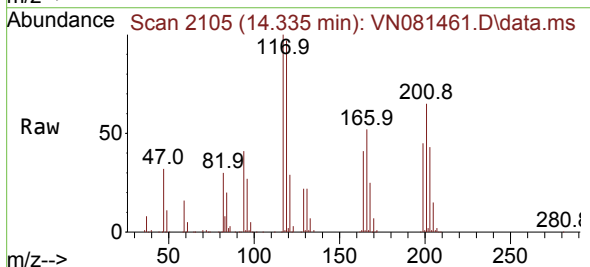
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

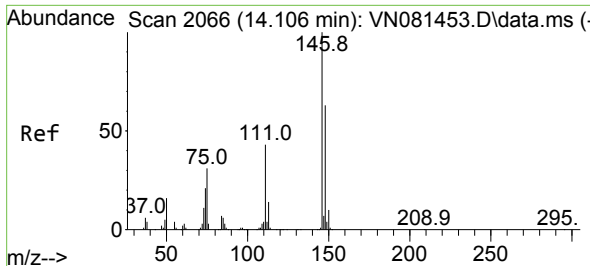
Tgt Ion: 91 Resp: 943223
Ion Ratio Lower Upper
91 100
92 52.5 26.7 80.1
134 25.3 10.8 32.4



#90
Hexachloroethane
Concen: 43.306 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 117 Resp: 188648
Ion Ratio Lower Upper
117 100
201 67.2 30.0 90.0

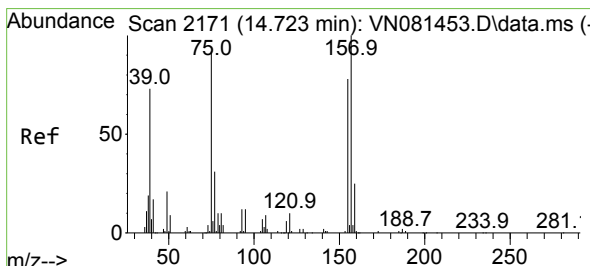
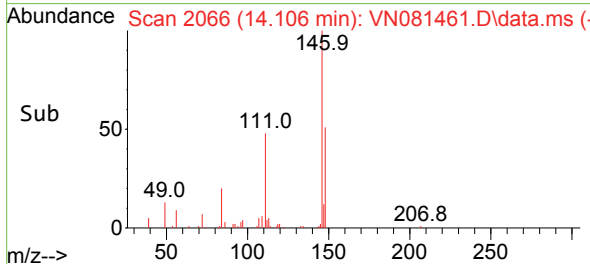
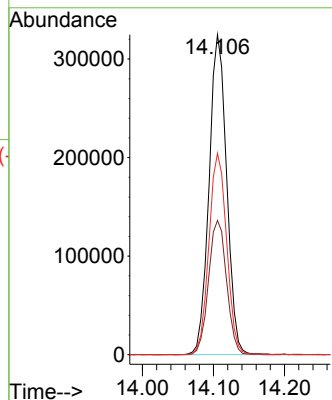
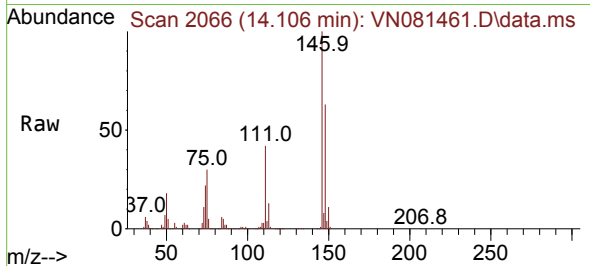




#91
1,2-Dichlorobenzene
Concen: 46.317 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

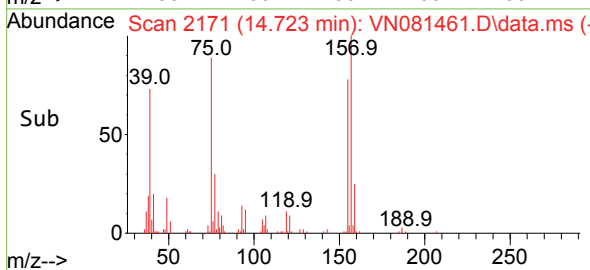
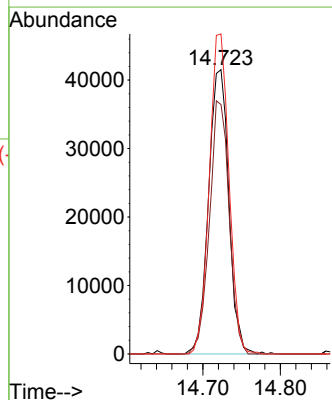
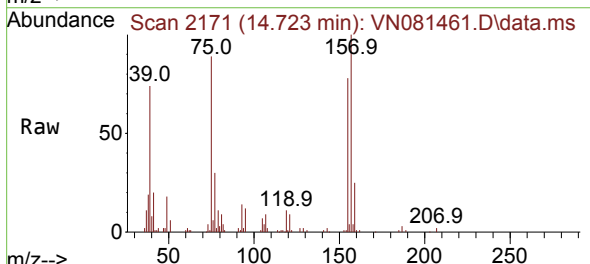
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

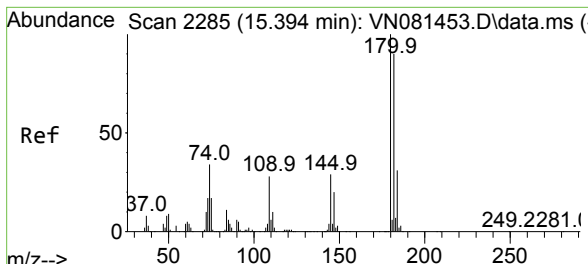
Tgt Ion:146 Resp: 559166
Ion Ratio Lower Upper
146 100
111 43.0 23.9 71.8
148 63.6 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.617 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081461.D
Acq: 19 Mar 2024 11:03

Tgt Ion: 75 Resp: 75425
Ion Ratio Lower Upper
75 100
155 86.2 31.8 95.4
157 109.2 41.1 123.4

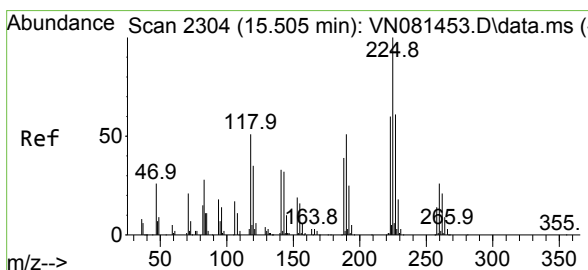
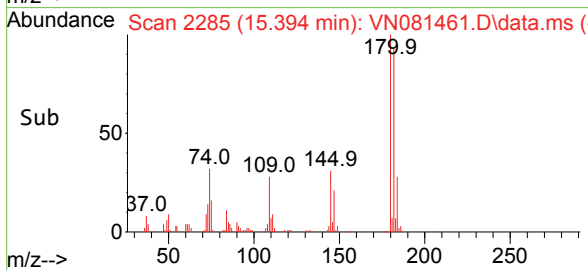
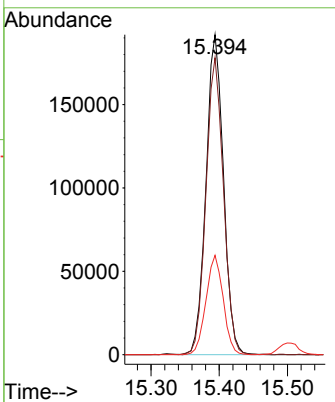
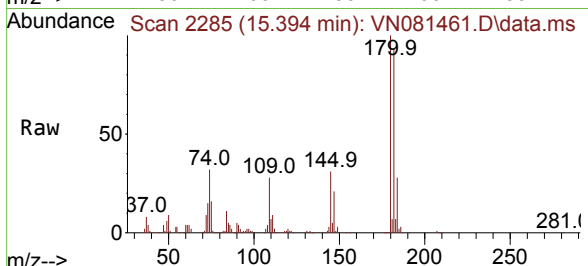




#93
 1,2,4-Trichlorobenzene
 Concen: 49.108 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081461.D
 Acq: 19 Mar 2024 11:03

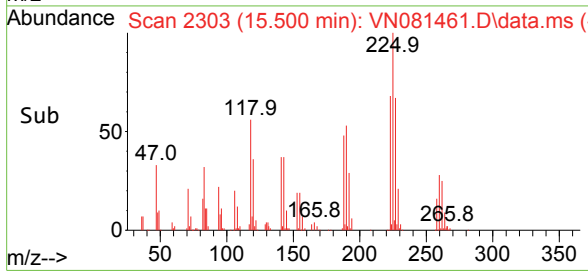
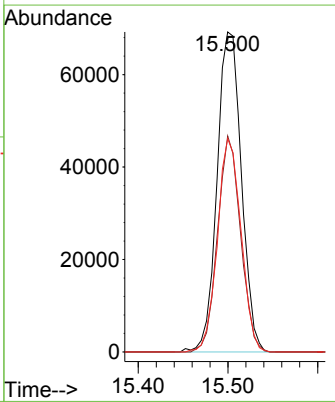
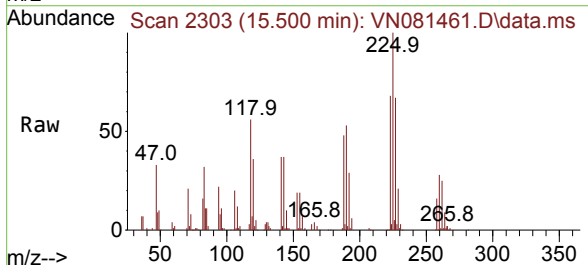
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

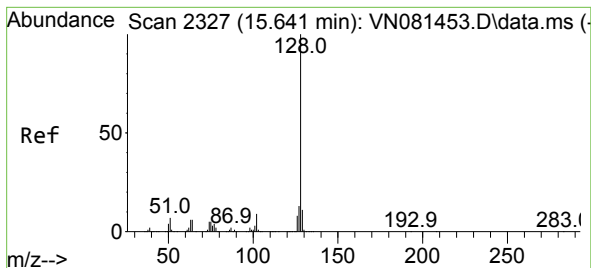
Tgt Ion:	180	Resp:	342802
Ion Ratio	Lower	Upper	
180	100		
182	92.9	46.6	139.7
145	30.6	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 42.543 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN081461.D
 Acq: 19 Mar 2024 11:03

Tgt Ion:	225	Resp:	130300
Ion Ratio	Lower	Upper	
225	100		
223	63.8	33.3	99.8
227	64.6	33.1	99.2





#95

Naphthalene

Concen: 49.393 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

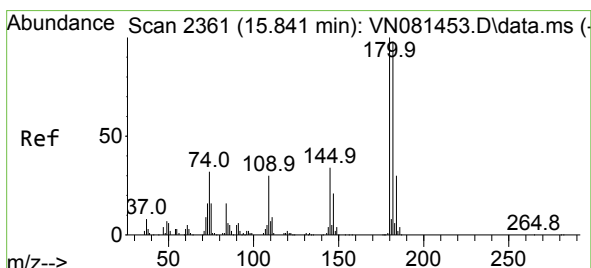
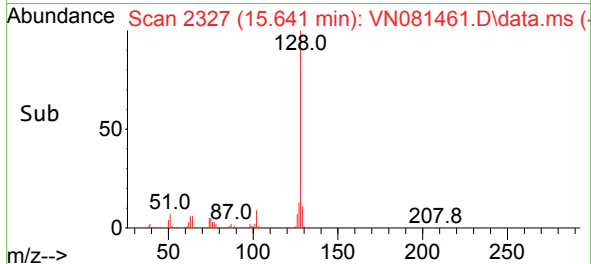
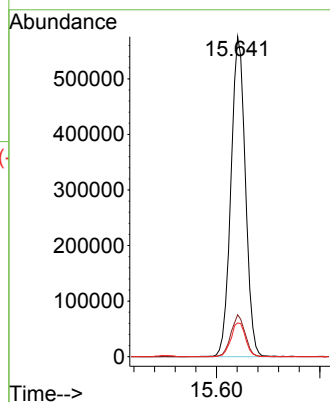
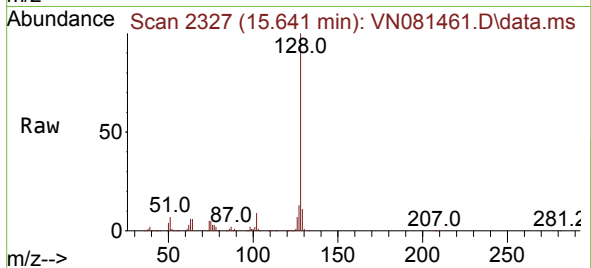
Tgt Ion:128 Resp: 1117230

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 47.501 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081461.D

Acq: 19 Mar 2024 11:03

Tgt Ion:180 Resp: 333523

Ion Ratio Lower Upper

180 100

182 94.2 46.5 139.3

145 33.3 17.8 53.4

