

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022924\
 Data File : VN081262.D
 Acq On : 29 Feb 2024 12:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 29 23:48:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	253178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	459361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	413817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197485	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	173740	55.986	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.980%	
35) Dibromofluoromethane	8.165	113	150308	57.865	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.740%	
50) Toluene-d8	10.571	98	462798	50.164	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.320%	
62) 4-Bromofluorobenzene	12.847	95	182047	52.514	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	172462	52.673	ug/l	91
3) Chloromethane	2.359	50	166479	46.514	ug/l	97
4) Vinyl Chloride	2.512	62	186204	51.199	ug/l	92
5) Bromomethane	2.953	94	122935	47.591	ug/l	99
6) Chloroethane	3.118	64	128011	54.518	ug/l	91
7) Trichlorofluoromethane	3.495	101	296741	55.851	ug/l	96
8) Diethyl Ether	3.953	74	108400	55.804	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	171790	58.000	ug/l	94
10) Methyl Iodide	4.589	142	159476	48.236	ug/l	91
11) Tert butyl alcohol	5.512	59	142903	250.399	ug/l	99
12) 1,1-Dichloroethene	4.342	96	152052	53.107	ug/l	90
13) Acrolein	4.183	56	89026	291.046	ug/l	99
14) Allyl chloride	5.018	41	226088	53.220	ug/l #	87
15) Acrylonitrile	5.712	53	443034	297.242	ug/l	98
16) Acetone	4.430	43	307397	251.746	ug/l	99
17) Carbon Disulfide	4.712	76	364558	45.650	ug/l	98
18) Methyl Acetate	5.024	43	211630	71.047	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	571093	58.238	ug/l	98
20) Methylene Chloride	5.277	84	186076	59.075	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	172476	53.994	ug/l	92
22) Diisopropyl ether	6.671	45	588317	61.050	ug/l #	94
23) Vinyl Acetate	6.600	43	2232008	285.472	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	333807	59.907	ug/l	97
25) 2-Butanone	7.483	43	548549	278.076	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	291381	55.810	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	209547	56.461	ug/l	90
28) Bromochloromethane	7.818	49	152393	65.970	ug/l #	68
29) Tetrahydrofuran	7.841	42	371573	282.169	ug/l #	85
30) Chloroform	7.965	83	363294	61.330	ug/l	98
31) Cyclohexane	8.253	56	262537	48.996	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	317668	58.884	ug/l	92
36) 1,1-Dichloropropene	8.371	75	254029	57.083	ug/l	96
37) Ethyl Acetate	7.559	43	239213	59.560	ug/l	98
38) Carbon Tetrachloride	8.359	117	268814	59.705	ug/l	98
39) Methylcyclohexane	9.600	83	277723	53.536	ug/l #	87
40) Benzene	8.606	78	759474	58.961	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	124986	54.680	ug/l	92
42) 1,2-Dichloroethane	8.671	62	273884	60.945	ug/l	99
43) Isopropyl Acetate	8.688	43	414362	58.990	ug/l #	95
44) Trichloroethene	9.353	130	191955	55.951	ug/l	99
45) 1,2-Dichloropropane	9.624	63	196074	60.853	ug/l	98
46) Dibromomethane	9.712	93	137550	58.590	ug/l	94
47) Bromodichloromethane	9.888	83	282216	63.471	ug/l #	99
48) Methyl methacrylate	9.682	41	187976	57.512	ug/l	88
49) 1,4-Dioxane	9.700	88	76250	1278.887	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1244997	308.113	ug/l	96
52) Toluene	10.629	92	473797	58.102	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	291749	59.046	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	322122	60.340	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	195744	62.411	ug/l	89
56) Ethyl methacrylate	10.876	69	285621	59.586	ug/l	89
57) 1,3-Dichloropropane	11.165	76	329437	60.747	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	695793	289.300	ug/l #	88
59) 2-Hexanone	11.194	43	905768	282.745	ug/l	96
60) Dibromochloromethane	11.359	129	199187	59.781	ug/l	99
61) 1,2-Dibromoethane	11.471	107	189901	57.578	ug/l	98
64) Tetrachloroethene	11.106	164	175094	61.995	ug/l	89
65) Chlorobenzene	11.894	112	499202	55.738	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	188299	58.535	ug/l	97
67) Ethyl Benzene	11.965	91	922887	57.585	ug/l	99
68) m/p-Xylenes	12.071	106	684552	111.437	ug/l	99
69) o-Xylene	12.400	106	334050	54.859	ug/l	97
70) Styrene	12.412	104	569223	58.992	ug/l	96
71) Bromoform	12.582	173	119575	58.589	ug/l #	96
73) Isopropylbenzene	12.700	105	889902	51.503	ug/l	98
74) N-amyl acetate	12.494	43	355677	48.706	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	262022	53.930	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	346786	77.287	ug/l	60
77) Bromobenzene	12.982	156	195652	50.784	ug/l	77
78) n-propylbenzene	13.035	91	1089735	54.786	ug/l	97
79) 2-Chlorotoluene	13.129	91	627021	51.393	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	758400	54.135	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	84686	48.579	ug/l #	80
82) 4-Chlorotoluene	13.223	91	619463	51.927	ug/l	94
83) tert-Butylbenzene	13.441	119	639160	52.764	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	768005	55.014	ug/l	98
85) sec-Butylbenzene	13.617	105	954746	56.694	ug/l	95
86) p-Isopropyltoluene	13.729	119	771960	55.188	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	385172	52.913	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	384740	53.789	ug/l	98
89) n-Butylbenzene	14.059	91	706618	57.985	ug/l	97
90) Hexachloroethane	14.335	117	134562	58.198	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	384692	54.793	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	54835	54.284	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	217969	55.649	ug/l	99
94) Hexachlorobutadiene	15.500	225	83172	56.936	ug/l	97
95) Naphthalene	15.641	128	771925	53.780	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	213081	54.838	ug/l	97

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ClientSampleId :
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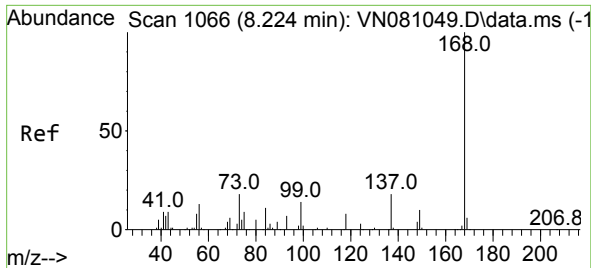
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QLast Update : Fri Feb 16 23:45:20 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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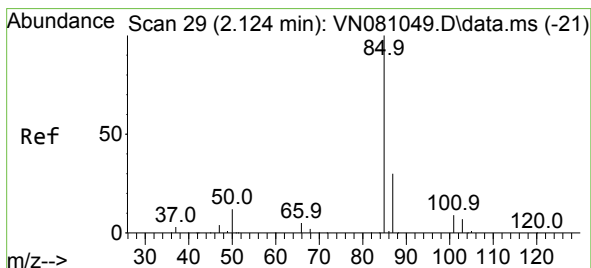
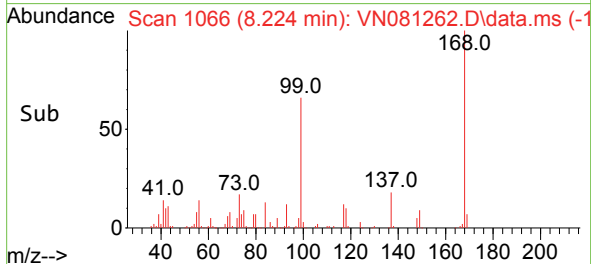
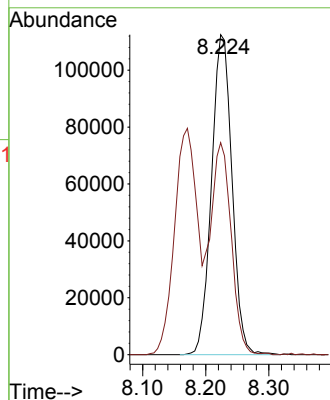
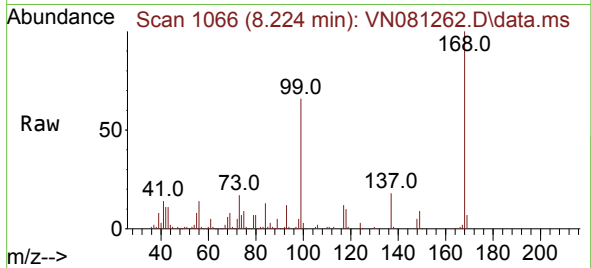




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081262.D
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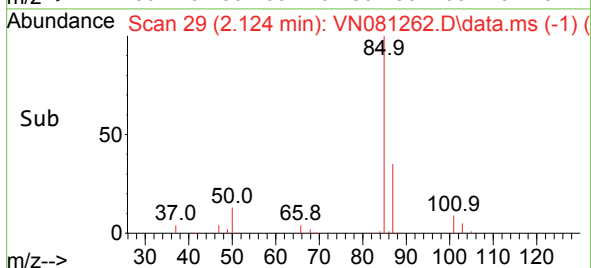
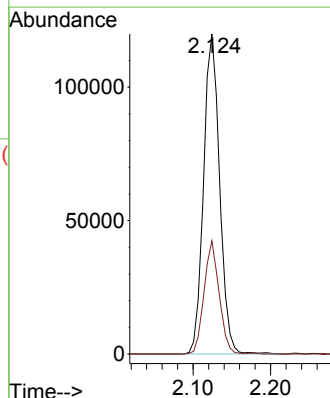
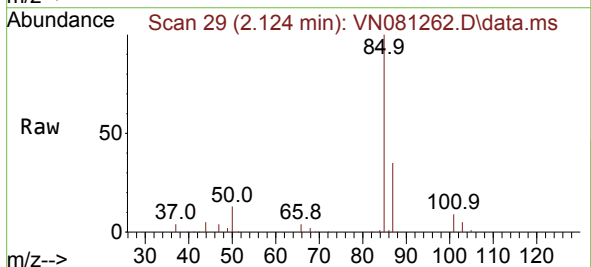
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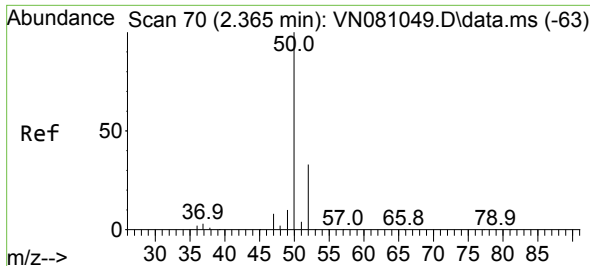
Tgt Ion:168 Resp: 253178
Ion Ratio Lower Upper
168 100
99 66.3 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 52.673 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 85 Resp: 172462
Ion Ratio Lower Upper
85 100
87 35.4 15.3 45.9

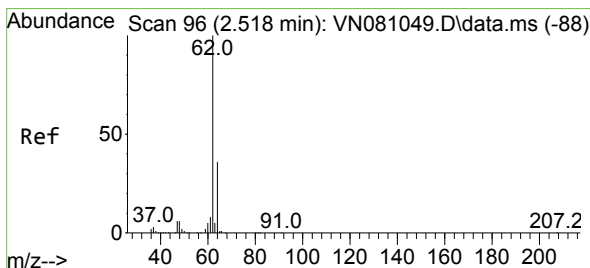
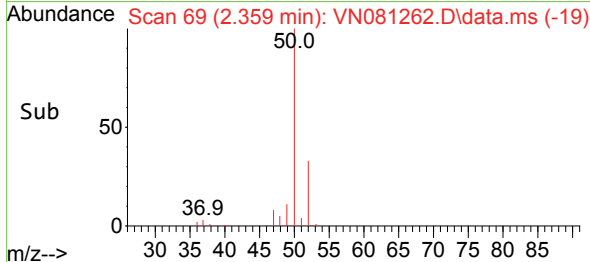
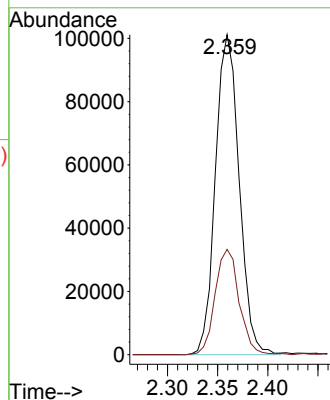
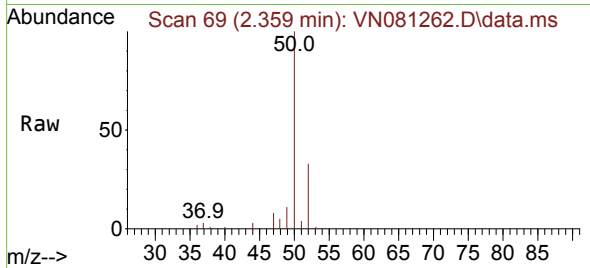




#3
Chloromethane
Concen: 46.514 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

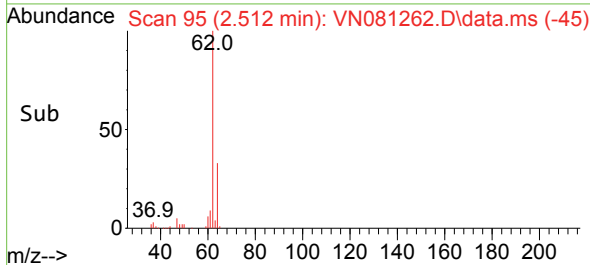
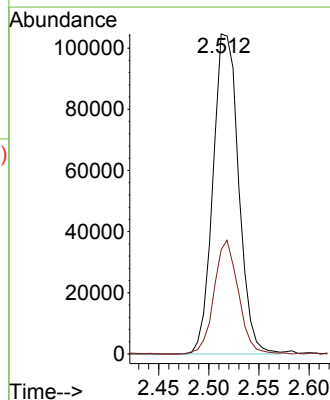
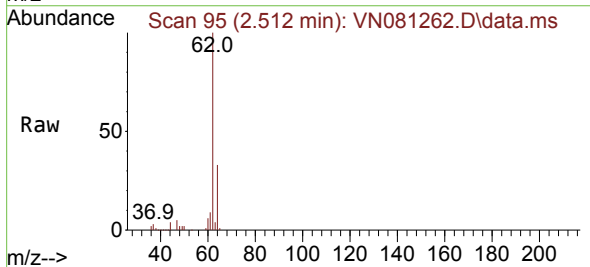
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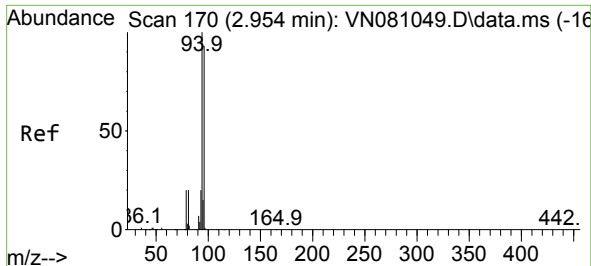
Tgt Ion: 50 Resp: 166479
Ion Ratio Lower Upper
50 100
52 32.9 25.0 37.4



#4
Vinyl Chloride
Concen: 51.199 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 62 Resp: 186204
Ion Ratio Lower Upper
62 100
64 32.6 22.7 34.1

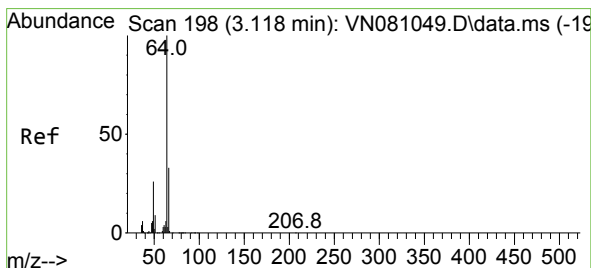
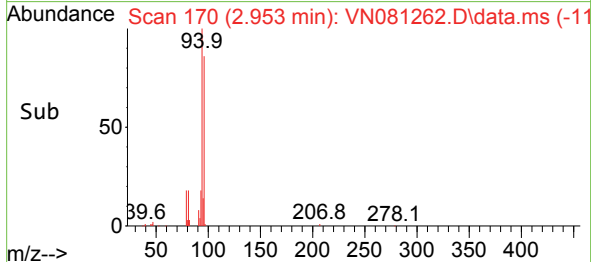
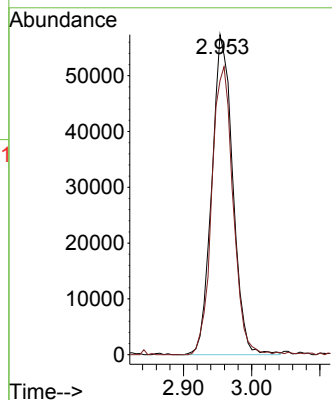
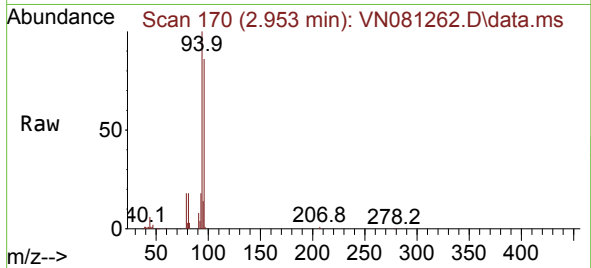




#5
Bromomethane
Concen: 47.591 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

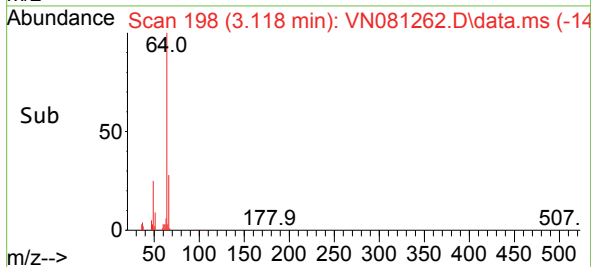
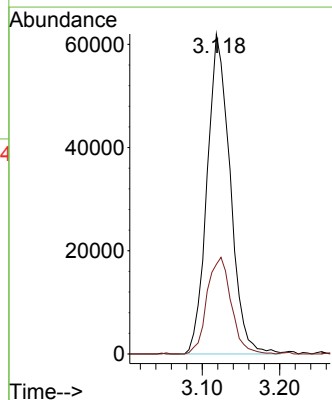
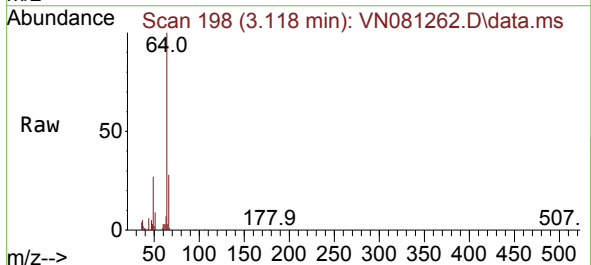
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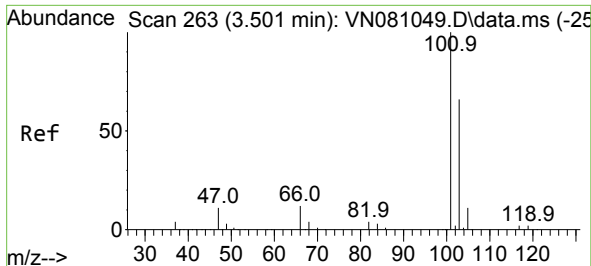
Tgt Ion: 94 Resp: 122935
Ion Ratio Lower Upper
94 100
96 85.6 69.2 103.8



#6
Chloroethane
Concen: 54.518 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 64 Resp: 128011
Ion Ratio Lower Upper
64 100
66 28.0 26.4 39.6

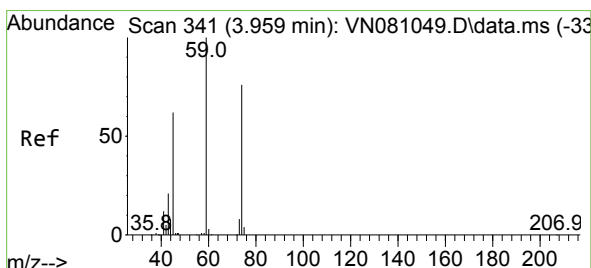
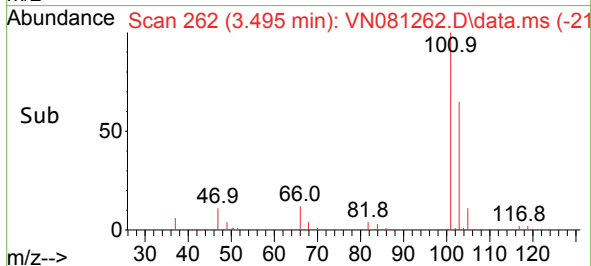
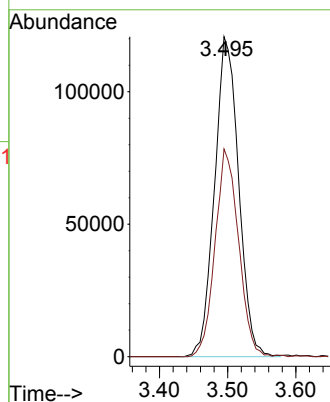
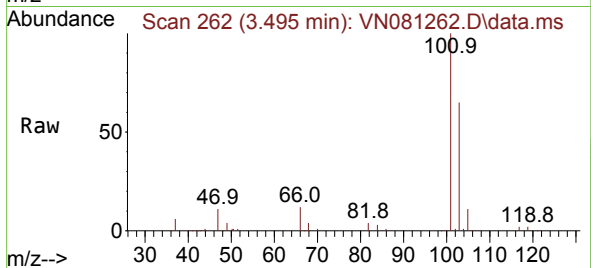




#7
Trichlorofluoromethane
Concen: 55.851 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

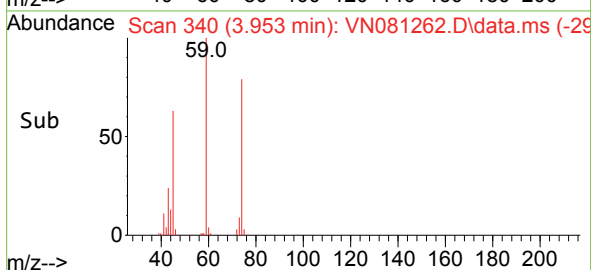
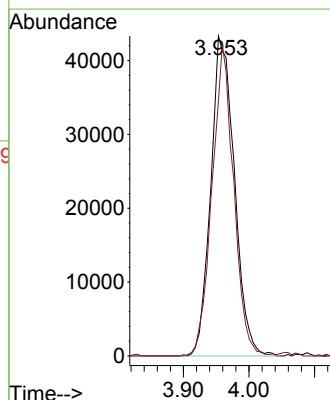
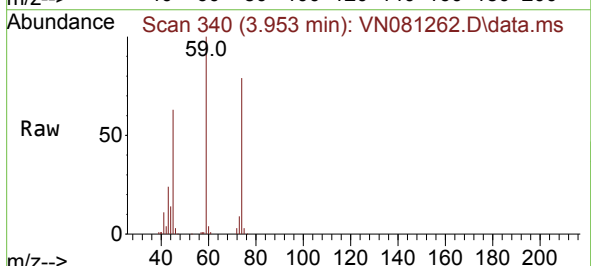
Instrument :
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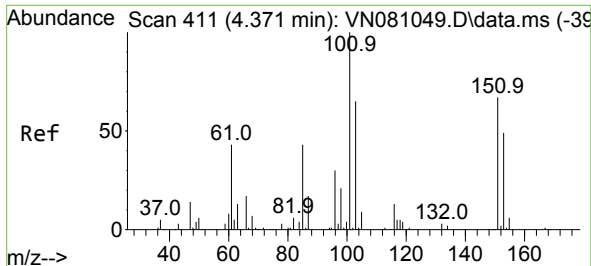
Tgt Ion:101 Resp: 296741
Ion Ratio Lower Upper
101 100
103 64.9 54.4 81.6



#8
Diethyl Ether
Concen: 55.804 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 74 Resp: 108400
Ion Ratio Lower Upper
74 100
45 88.9 53.3 159.9

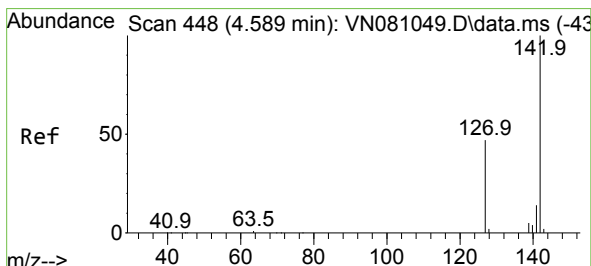
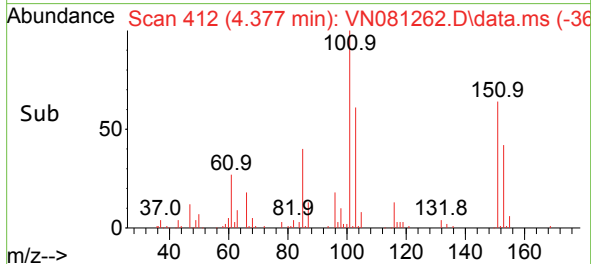
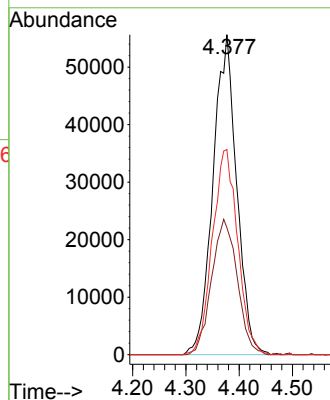
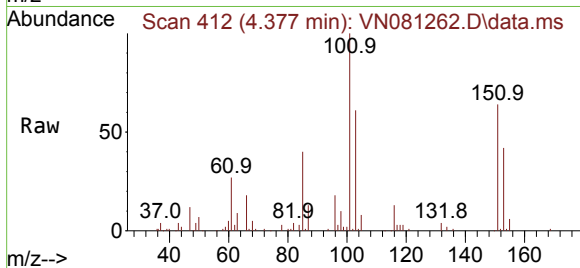




#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.000 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

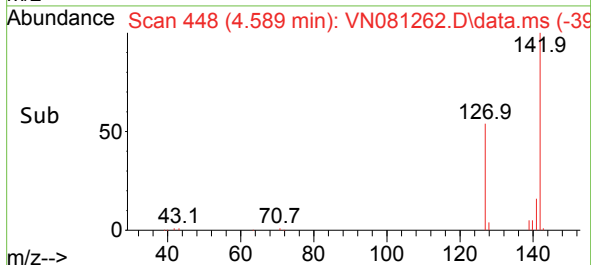
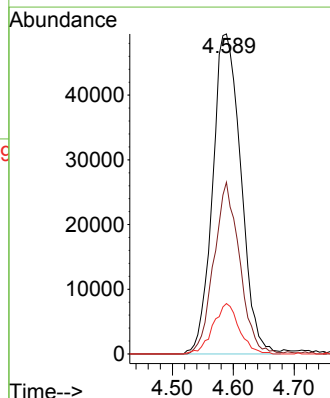
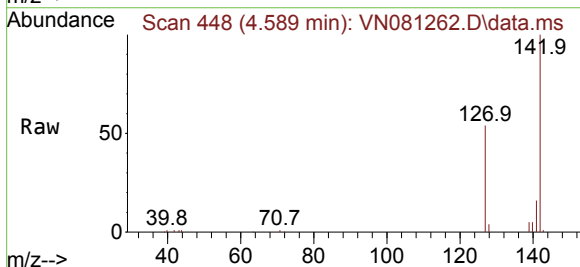
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

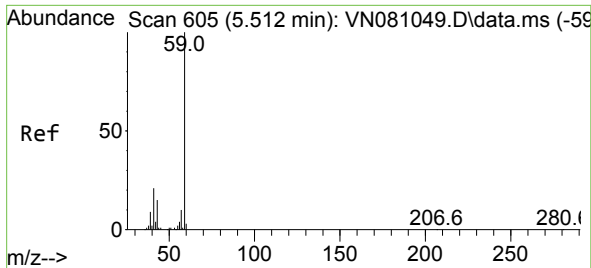
Tgt Ion:101 Resp: 171790
Ion Ratio Lower Upper
101 100
85 45.7 38.1 57.1
151 68.4 49.1 73.7



#10
Methyl Iodide
Concen: 48.236 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion:142 Resp: 159476
Ion Ratio Lower Upper
142 100
127 53.7 37.0 55.4
141 15.8 12.5 18.7

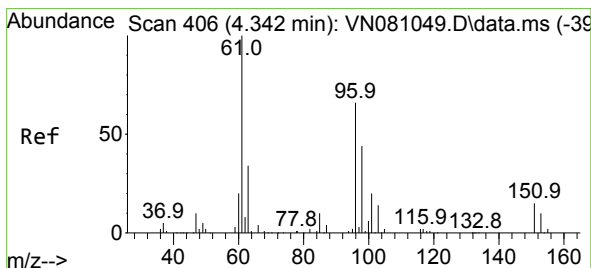
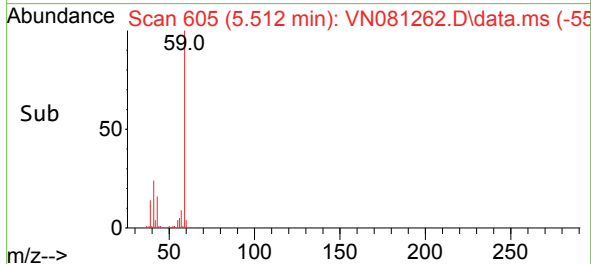
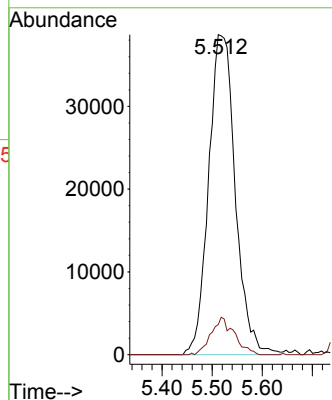
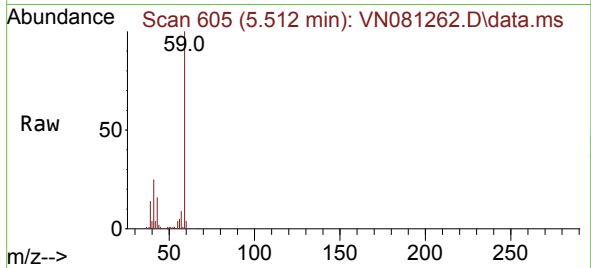




#11
Tert butyl alcohol
Concen: 250.399 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

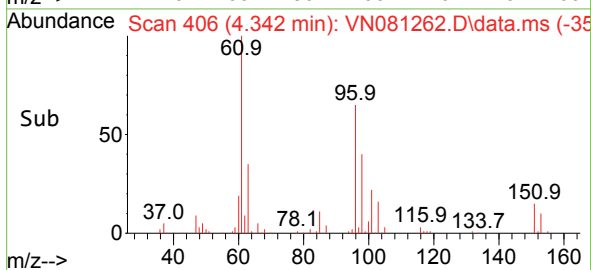
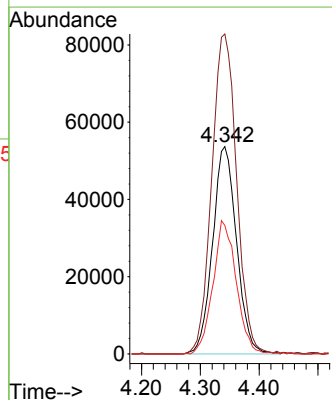
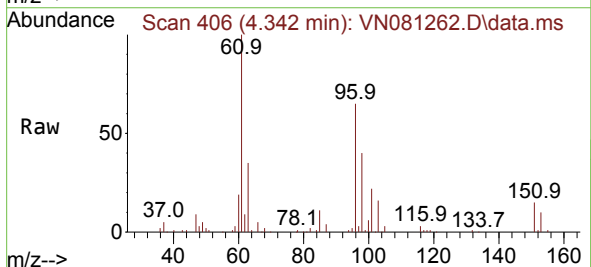
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

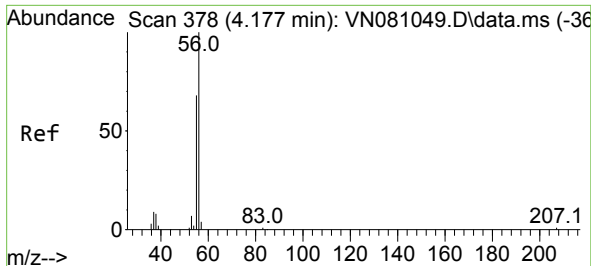
Tgt Ion: 59 Resp: 142903
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 53.107 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 96 Resp: 152052
Ion Ratio Lower Upper
96 100
61 154.3 138.2 207.4
98 62.0 49.2 73.8

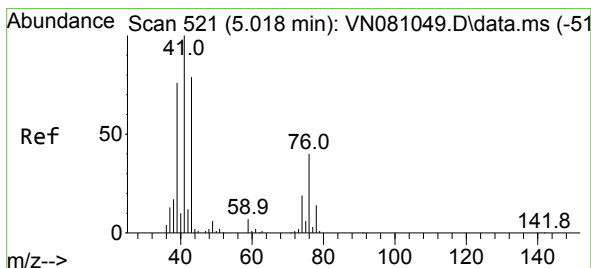
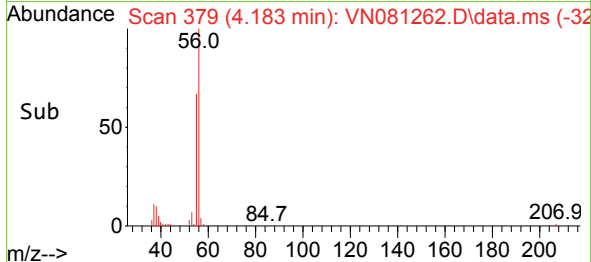
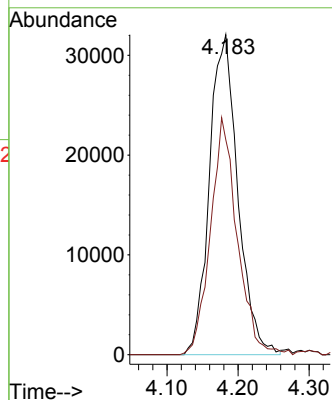
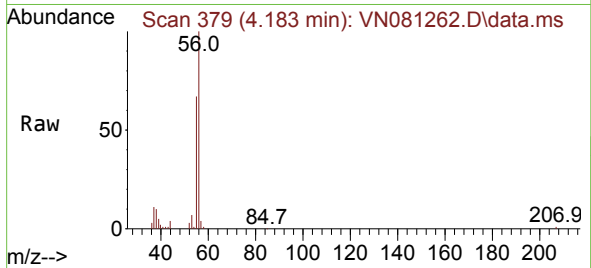




#13
Acrolein
Concen: 291.046 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

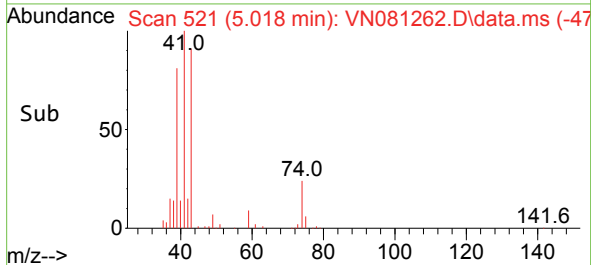
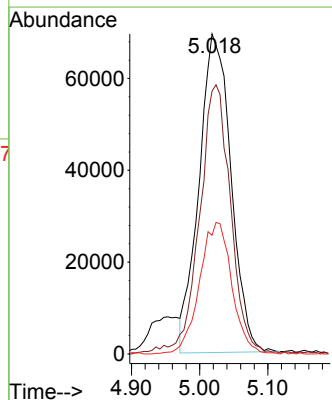
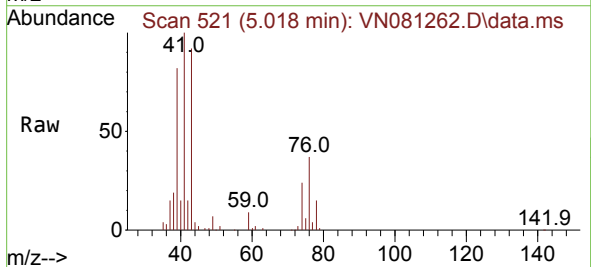
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

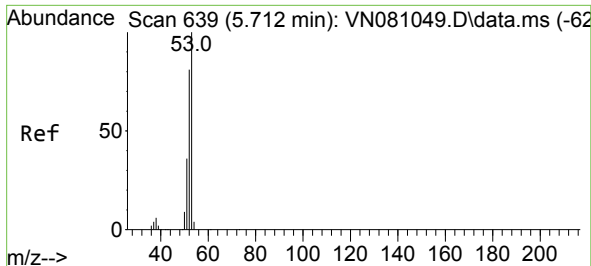
Tgt Ion: 56 Resp: 89026
Ion Ratio Lower Upper
56 100
55 69.8 55.3 82.9



#14
Allyl chloride
Concen: 53.220 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

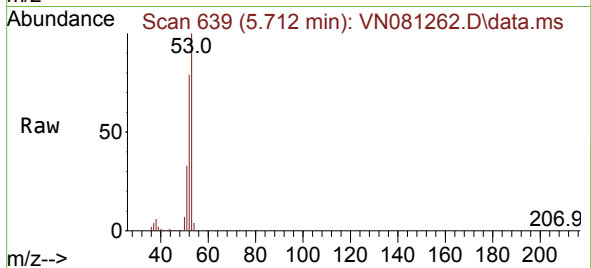
Tgt Ion: 41 Resp: 226088
Ion Ratio Lower Upper
41 100
39 82.6 57.7 86.5
76 41.8 26.8 40.2#



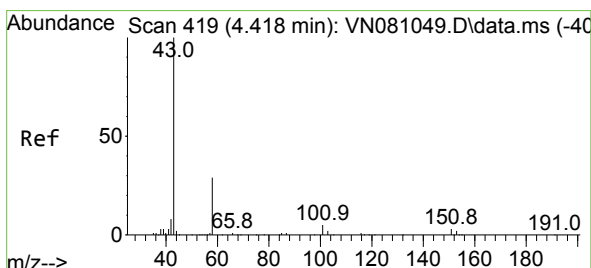
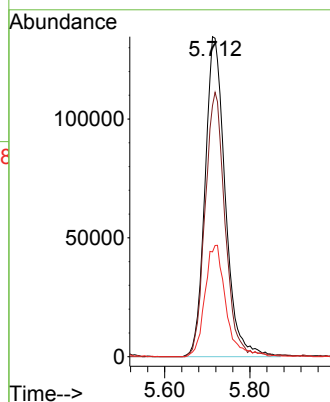
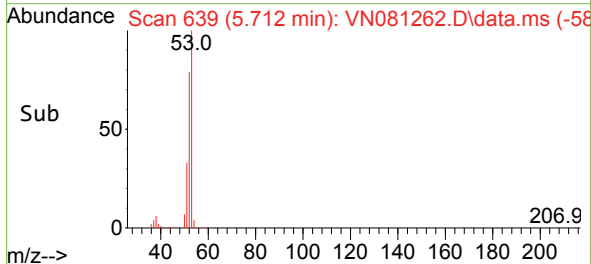


#15
Acrylonitrile
Concen: 297.242 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

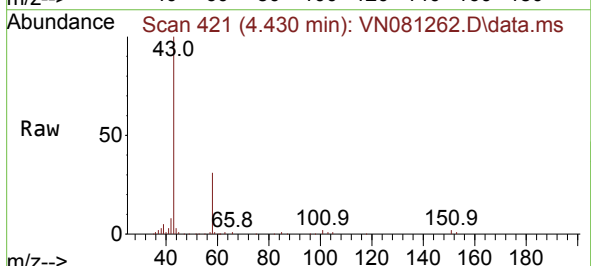
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



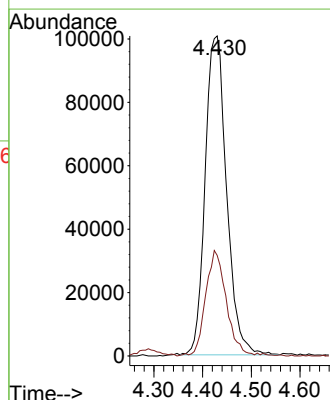
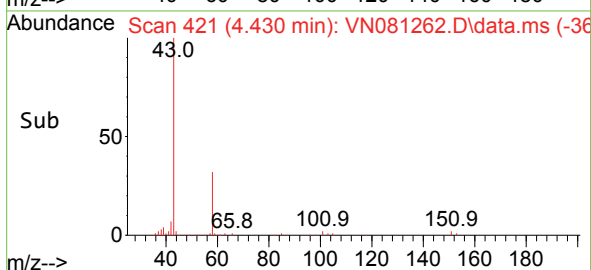
Tgt Ion: 53 Resp: 443034
Ion Ratio Lower Upper
53 100
52 81.7 64.8 97.2
51 36.1 26.9 40.3

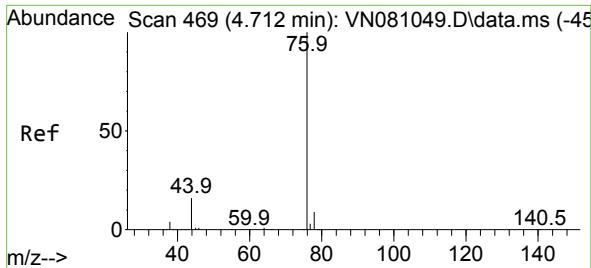


#16
Acetone
Concen: 251.746 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04



Tgt Ion: 43 Resp: 307397
Ion Ratio Lower Upper
43 100
58 31.4 24.8 37.2

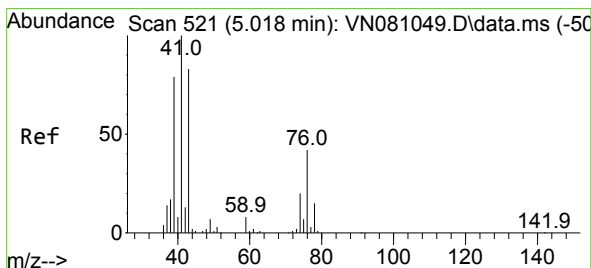
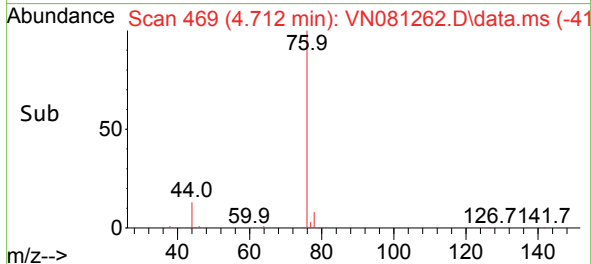
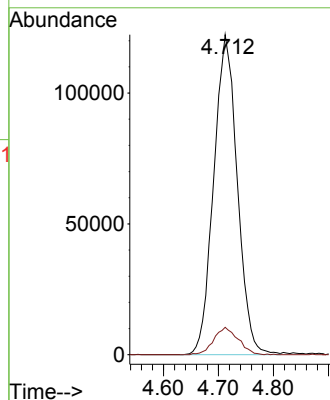
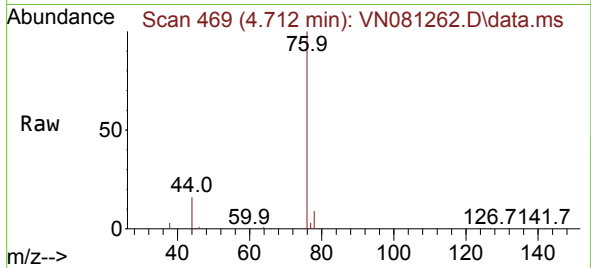




#17
Carbon Disulfide
Concen: 45.650 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

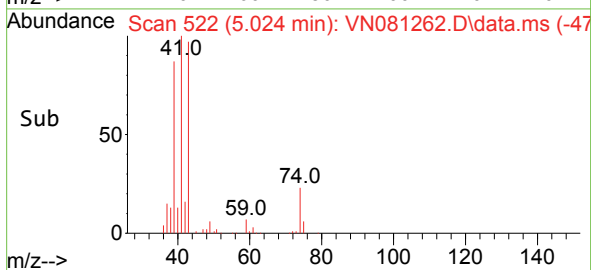
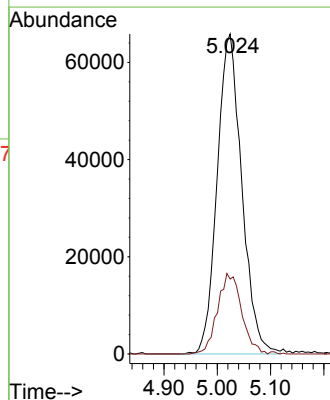
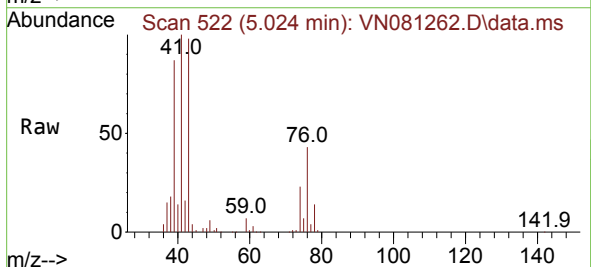
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

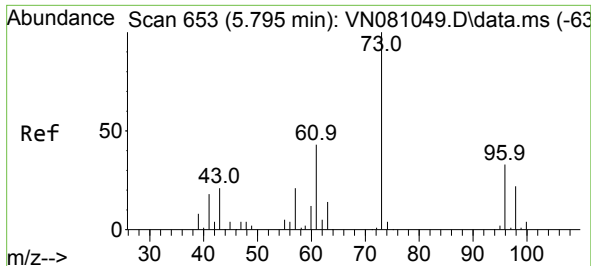
Tgt Ion: 76 Resp: 364558
Ion Ratio Lower Upper
76 100
78 8.6 6.3 9.5



#18
Methyl Acetate
Concen: 71.047 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 43 Resp: 211630
Ion Ratio Lower Upper
43 100
74 24.6 17.3 25.9

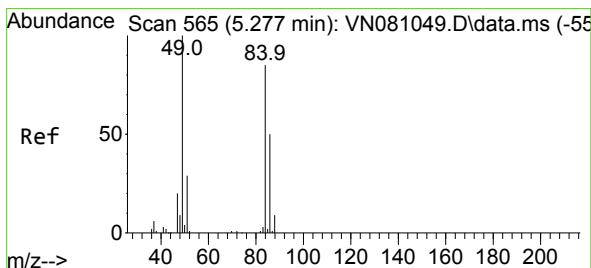
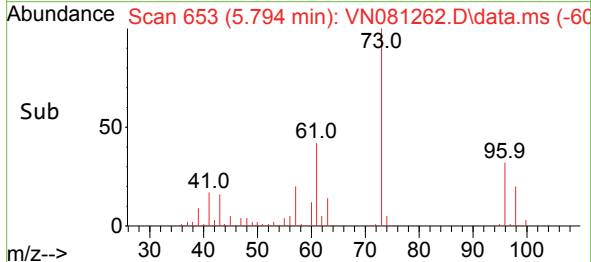
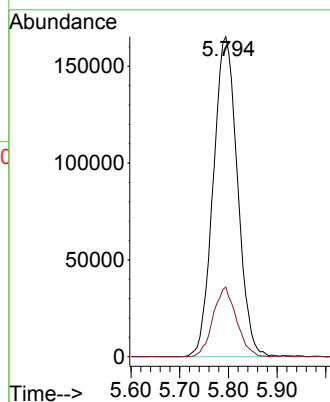
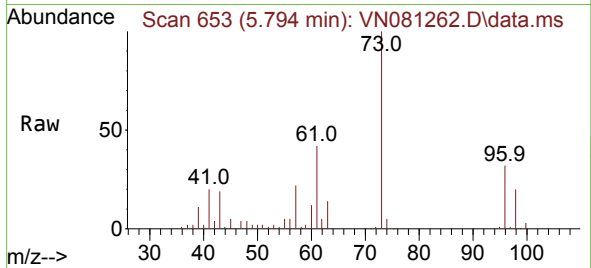




#19
Methyl tert-butyl Ether
Concen: 58.238 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

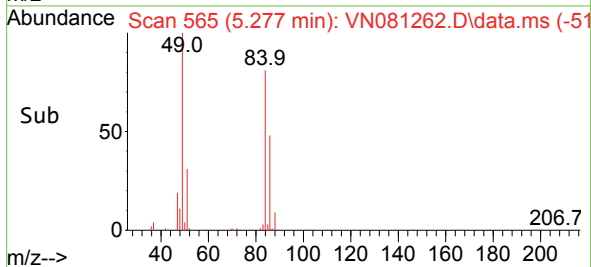
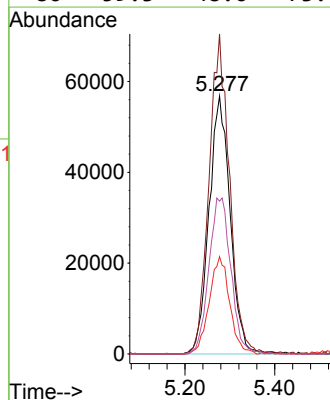
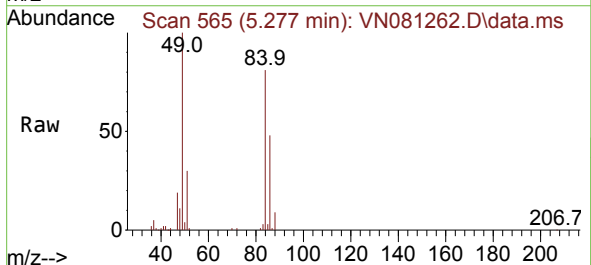
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

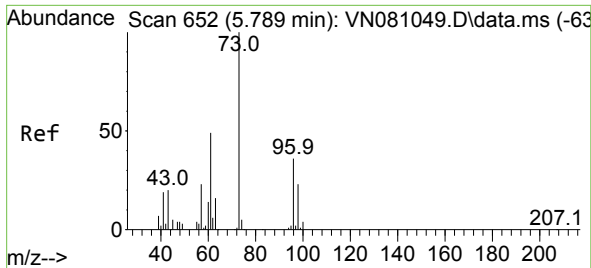
Tgt Ion: 73 Resp: 571093
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.4



#20
Methylene Chloride
Concen: 59.075 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 84 Resp: 186076
Ion Ratio Lower Upper
84 100
49 124.1 108.1 162.1
51 37.7 32.9 49.3
86 59.3 48.6 73.0

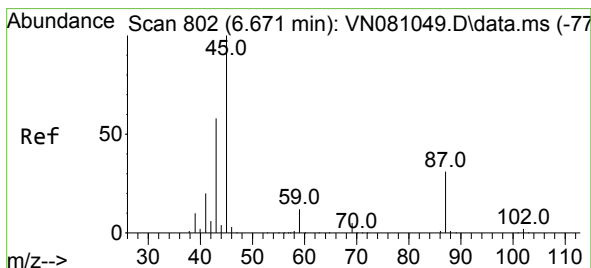
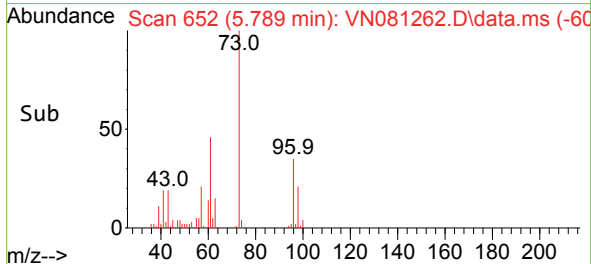
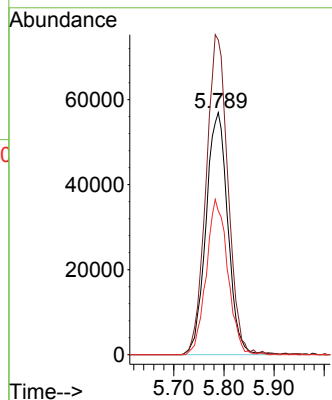
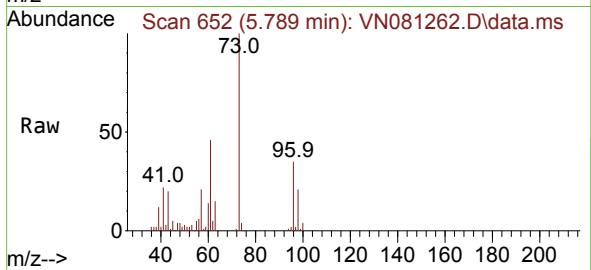




#21
trans-1,2-Dichloroethene
Concen: 53.994 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

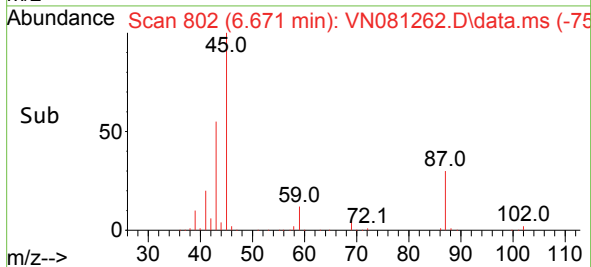
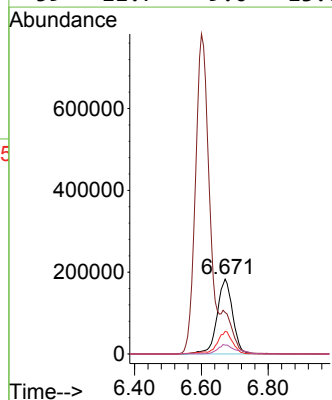
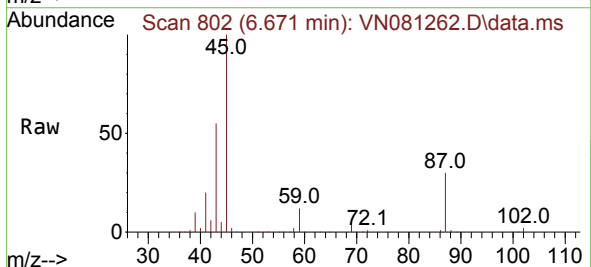
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ClientSampleId :
VSTDCCC050

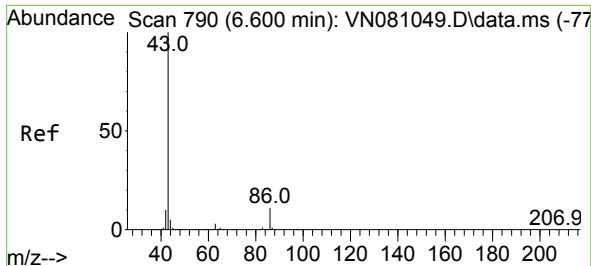
Tgt Ion: 96 Resp: 172476
Ion Ratio Lower Upper
96 100
61 130.1 112.8 169.2
98 59.3 51.0 76.4



#22
Diisopropyl ether
Concen: 61.050 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 45 Resp: 588317
Ion Ratio Lower Upper
45 100
43 54.8 41.8 62.8
87 30.2 18.1 27.1#
59 11.7 9.0 13.6

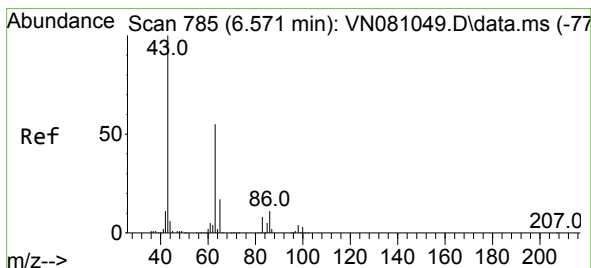
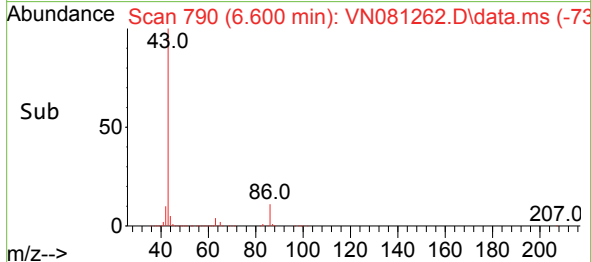
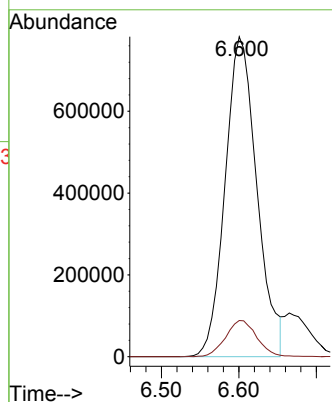
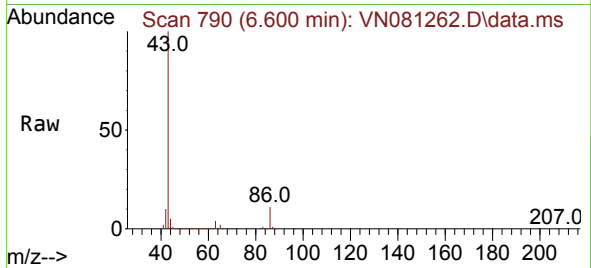




#23
 Vinyl Acetate
 Concen: 285.472 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081262.D
 Acq: 29 Feb 2024 12:04

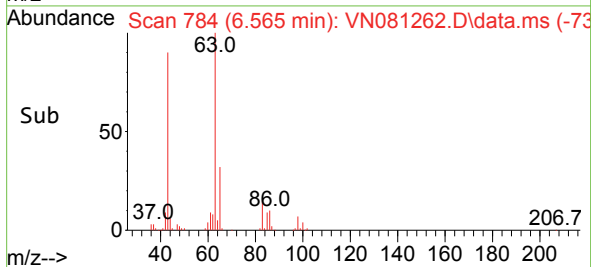
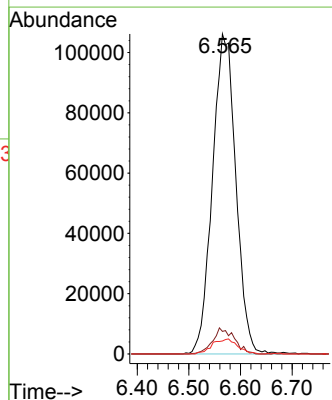
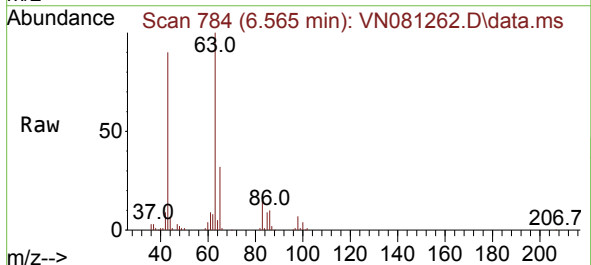
Instrument :
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 VSTDCCC050

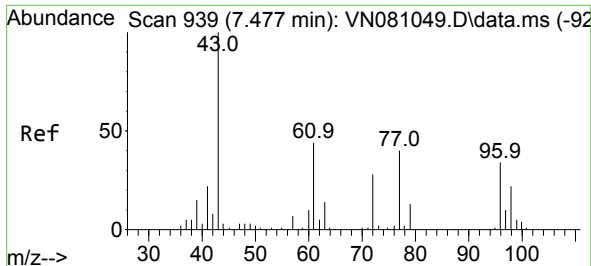
Tgt Ion: 43 Resp: 2232008
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 59.907 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081262.D
 Acq: 29 Feb 2024 12:04

Tgt Ion: 63 Resp: 333807
 Ion Ratio Lower Upper
 63 100
 98 7.0 2.9 8.6
 100 4.0 1.9 5.7

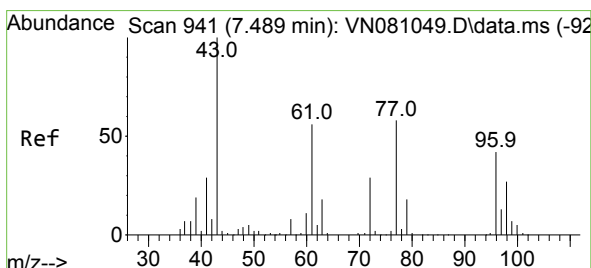
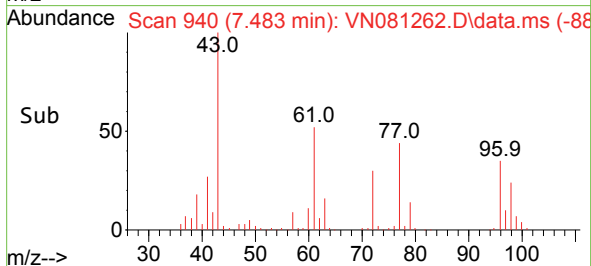
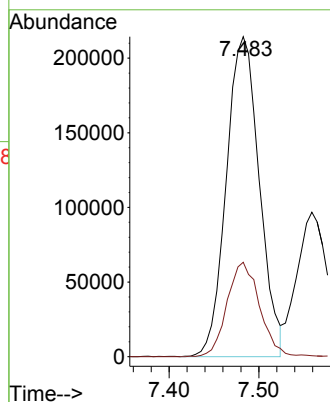
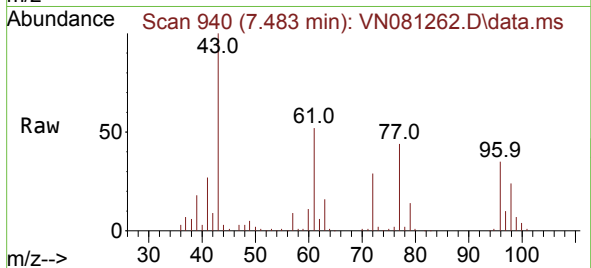




#25
2-Butanone
Concen: 278.076 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

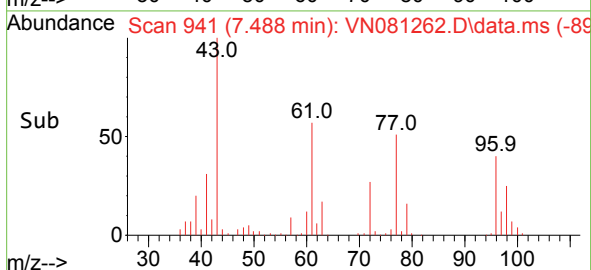
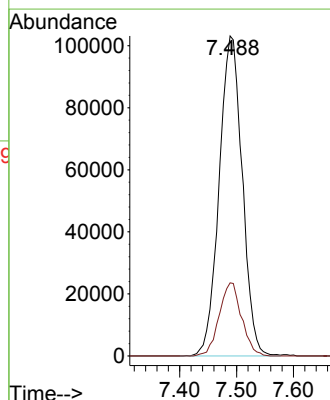
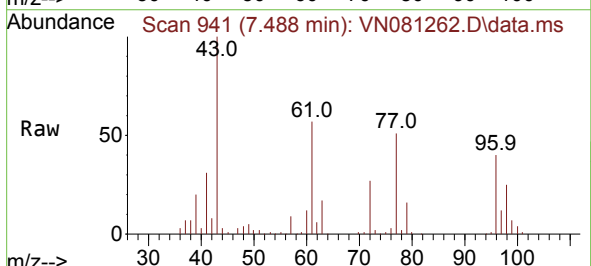
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

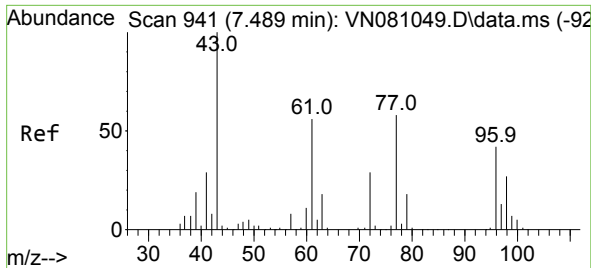
Tgt Ion: 43 Resp: 548549
Ion Ratio Lower Upper
43 100
72 29.5 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 55.810 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 77 Resp: 291381
Ion Ratio Lower Upper
77 100
97 22.1 11.5 34.5



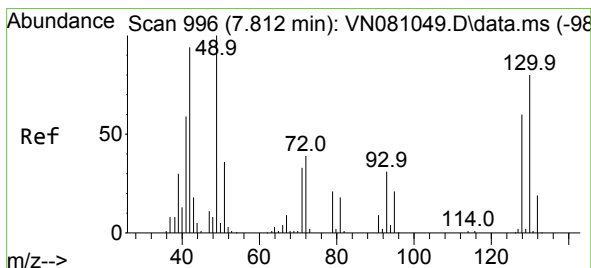
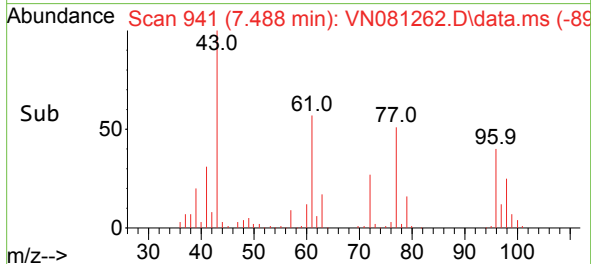
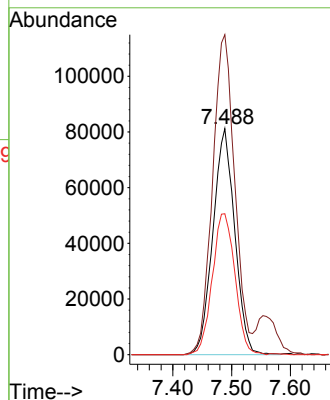
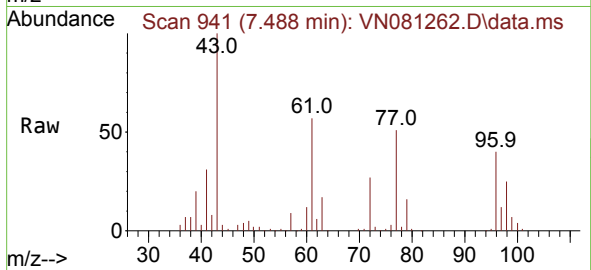


#27
 cis-1,2-Dichloroethene
 Concen: 56.461 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081262.D
 Acq: 29 Feb 2024 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 209547

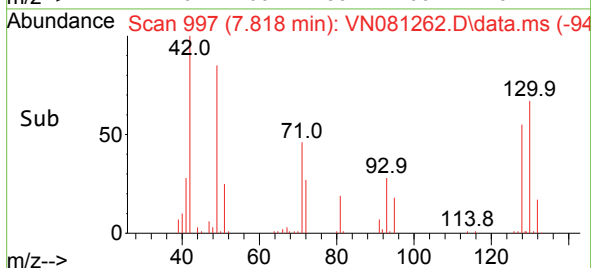
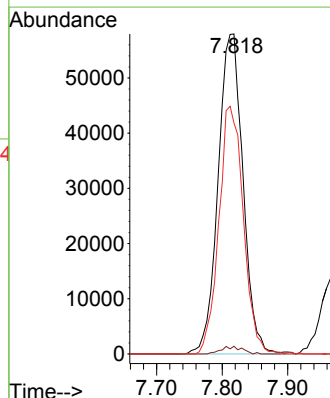
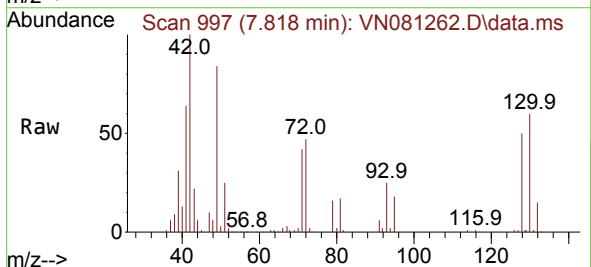
Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	325.4
98	64.7	0.0	130.4

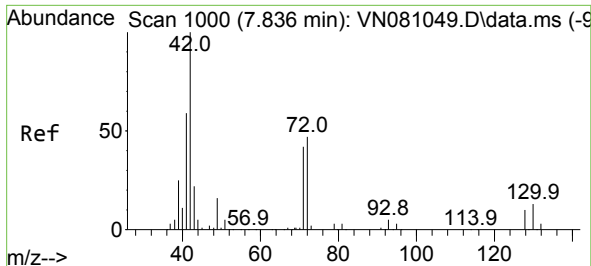


#28
 Bromochloromethane
 Concen: 65.970 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081262.D
 Acq: 29 Feb 2024 12:04

Tgt Ion: 49 Resp: 152393

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	1.6#
130	76.0	42.3	63.5#





#29

Tetrahydrofuran

Concen: 282.169 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

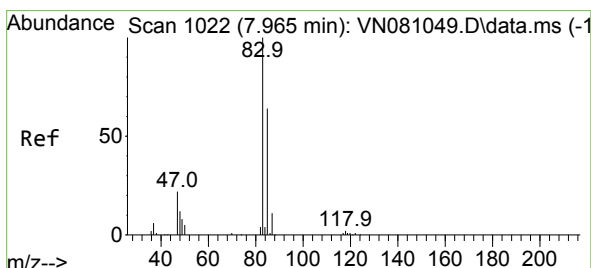
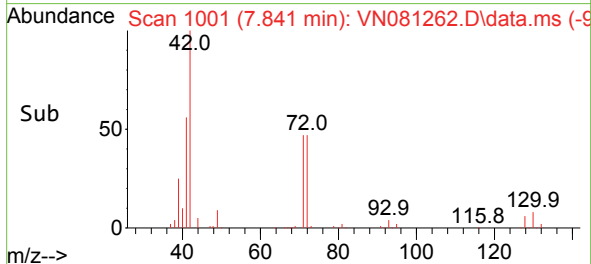
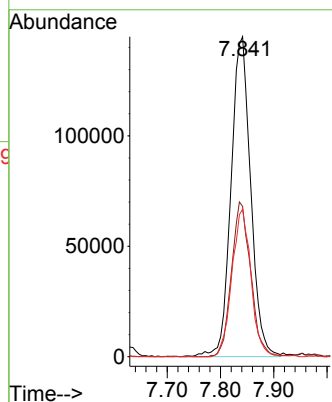
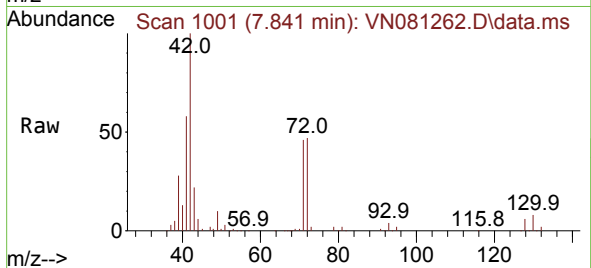
Tgt Ion: 42 Resp: 371573

Ion Ratio Lower Upper

42 100

72 47.1 31.1 46.7#

71 44.7 28.3 42.5#



#30

Chloroform

Concen: 61.330 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081262.D

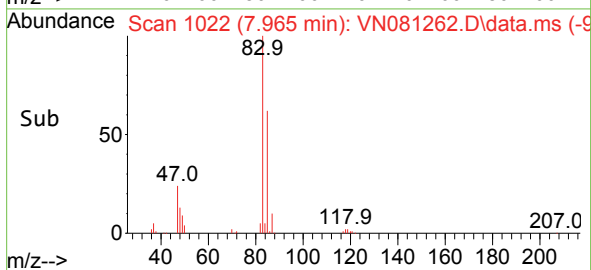
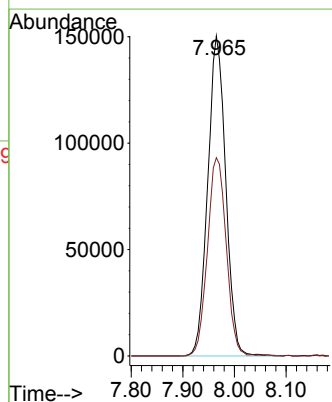
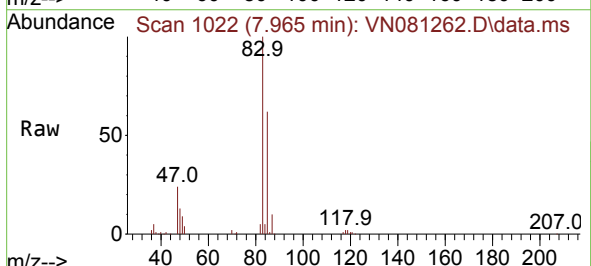
Acq: 29 Feb 2024 12:04

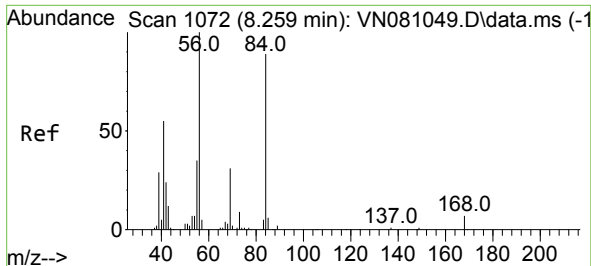
Tgt Ion: 83 Resp: 363294

Ion Ratio Lower Upper

83 100

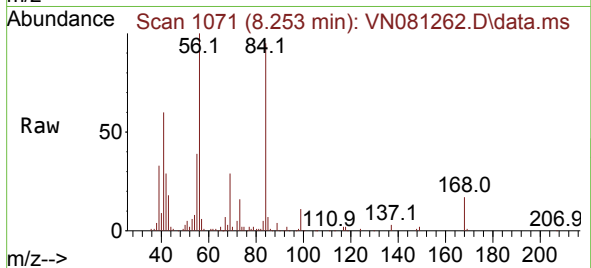
85 61.9 51.0 76.6



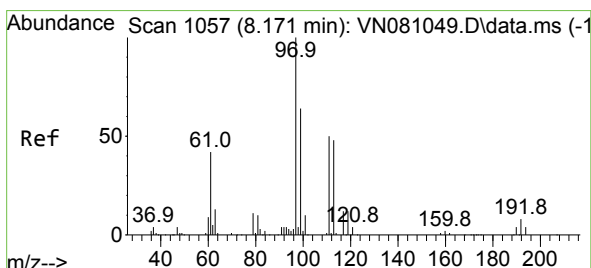
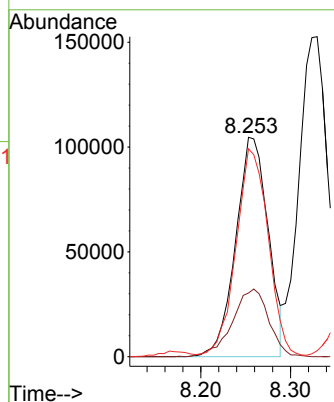
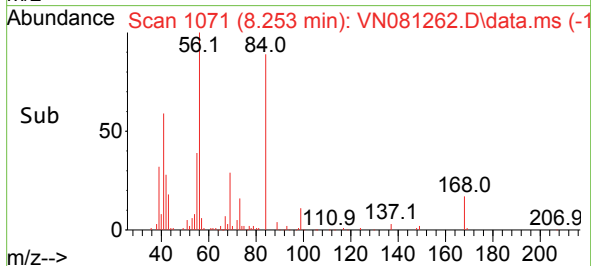


#31
Cyclohexane
Concen: 48.996 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

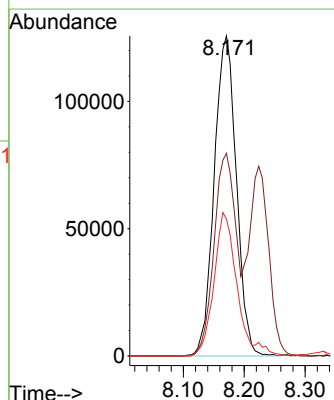
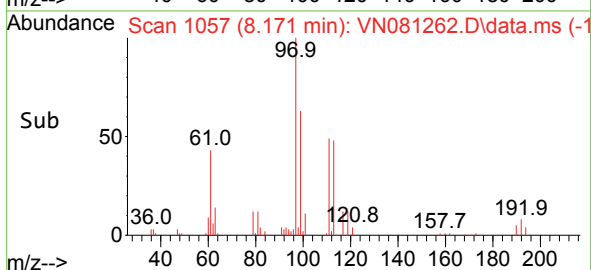
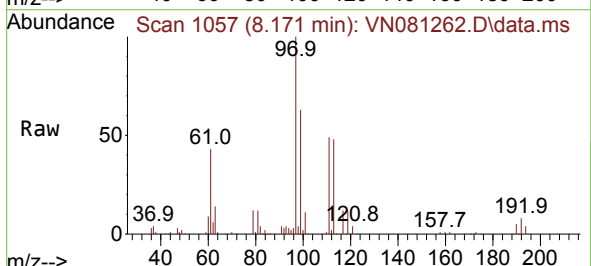


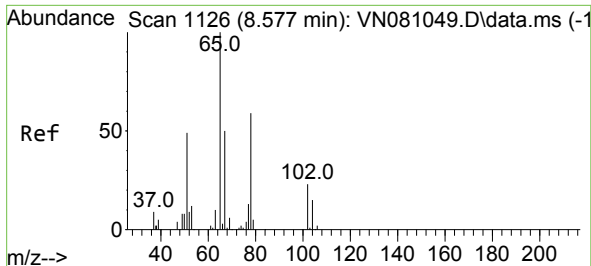
Tgt Ion: 56 Resp: 262537
Ion Ratio Lower Upper
56 100
69 28.8 20.1 30.1
84 92.6 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 58.884 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 97 Resp: 317668
Ion Ratio Lower Upper
97 100
99 62.4 53.4 80.0
61 46.7 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 55.986 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

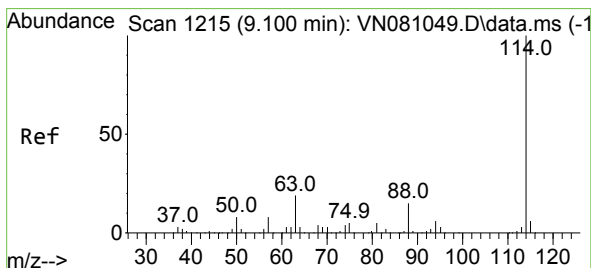
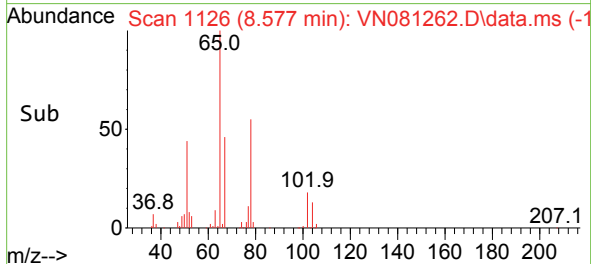
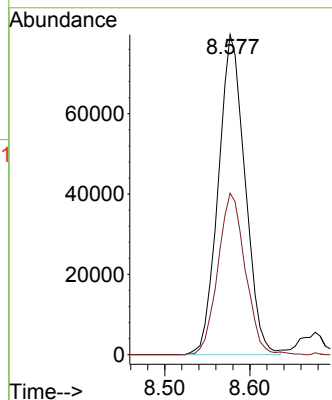
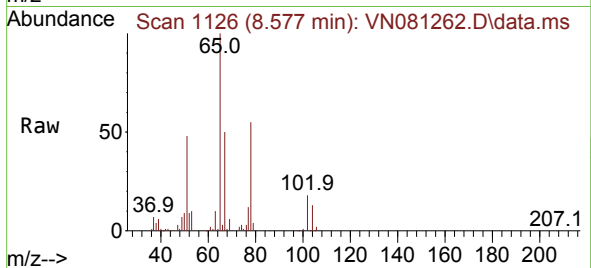
VSTDCCC050

Tgt Ion: 65 Resp: 173740

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

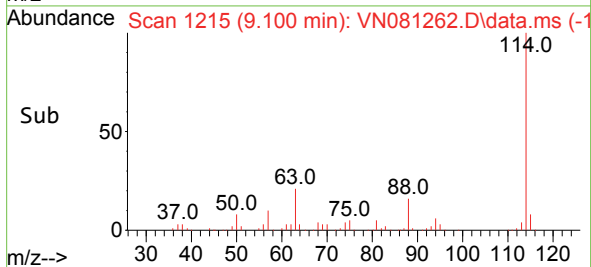
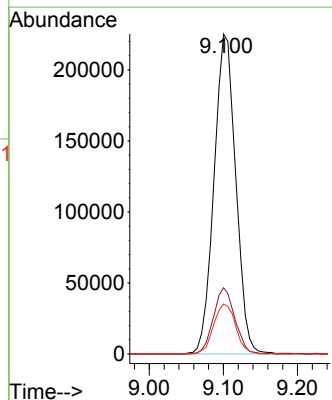
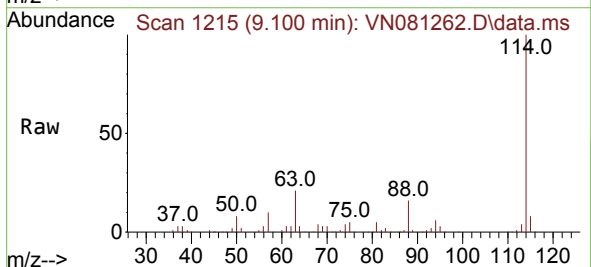
Tgt Ion: 114 Resp: 459361

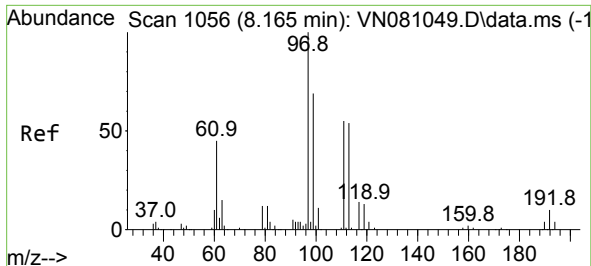
Ion Ratio Lower Upper

114 100

63 20.7 0.0 48.0

88 15.6 0.0 34.8

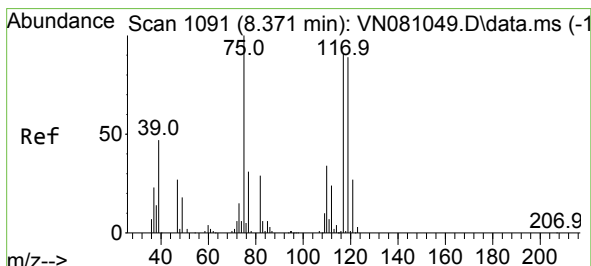
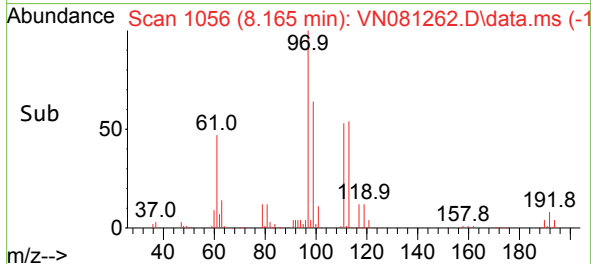
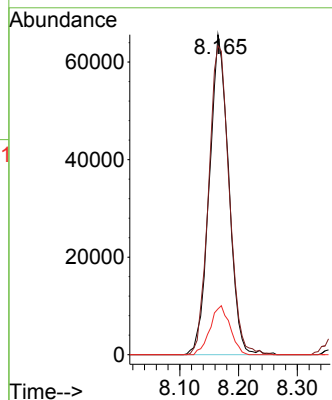
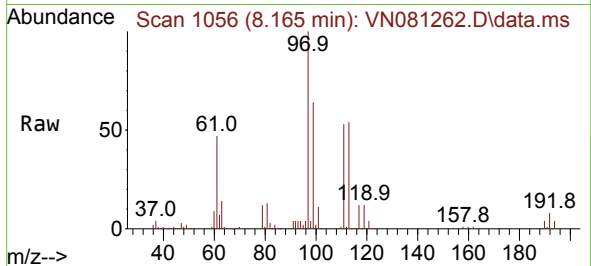




#35
Dibromofluoromethane
Concen: 57.865 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

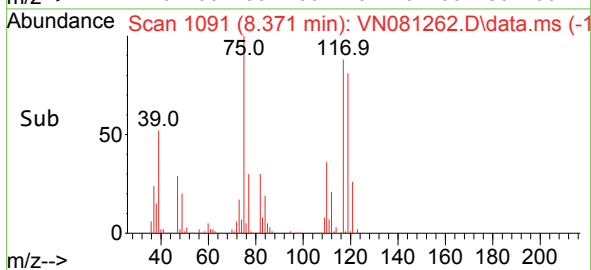
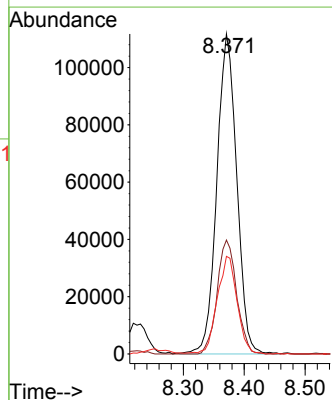
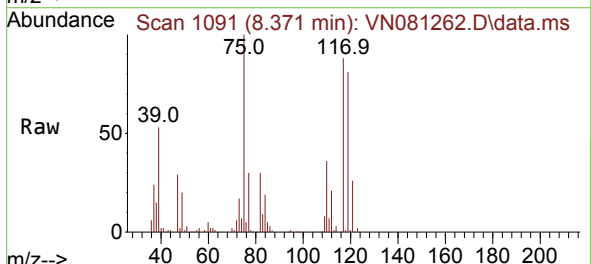
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

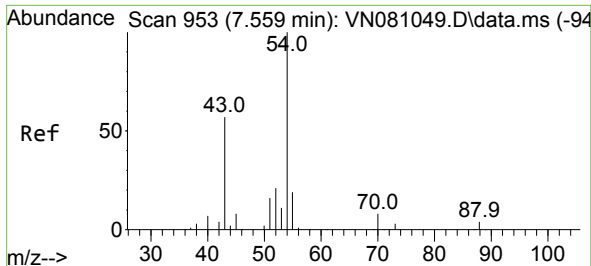
Tgt Ion:113 Resp: 150308
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 15.8 12.5 18.7



#36
1,1-Dichloropropene
Concen: 57.083 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 75 Resp: 254029
Ion Ratio Lower Upper
75 100
110 34.9 16.0 48.0
77 30.5 25.8 38.6





#37

Ethyl Acetate

Concen: 59.560 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

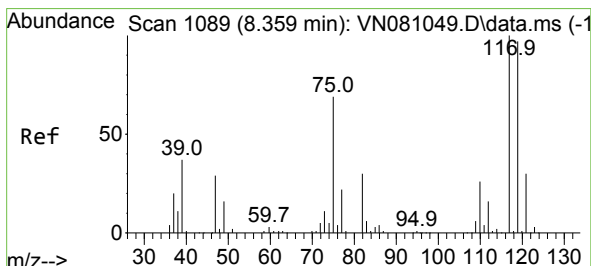
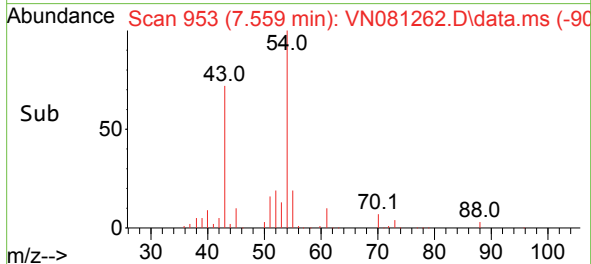
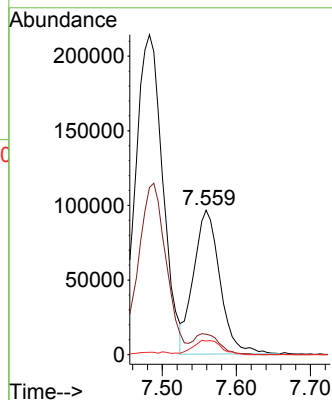
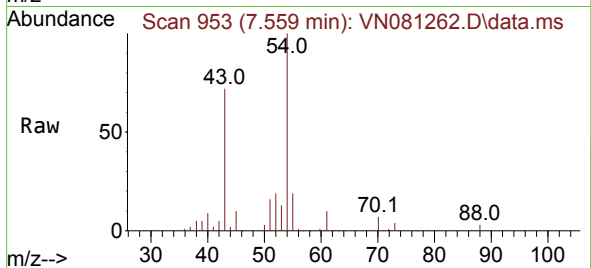
Tgt Ion: 43 Resp: 239213

Ion Ratio Lower Upper

43 100

61 14.0 10.6 15.8

70 10.4 8.0 12.0



#38

Carbon Tetrachloride

Concen: 59.705 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

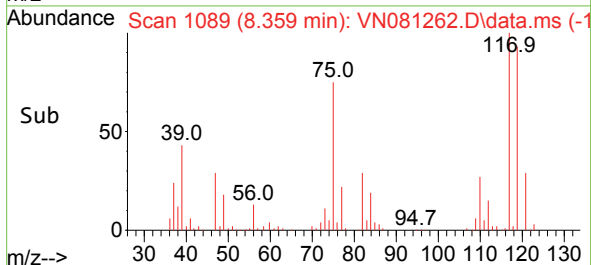
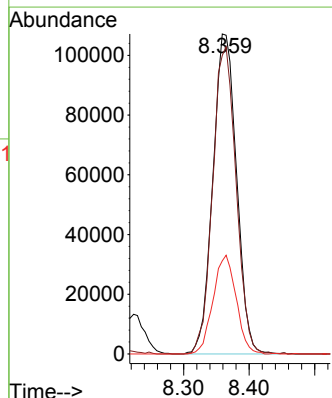
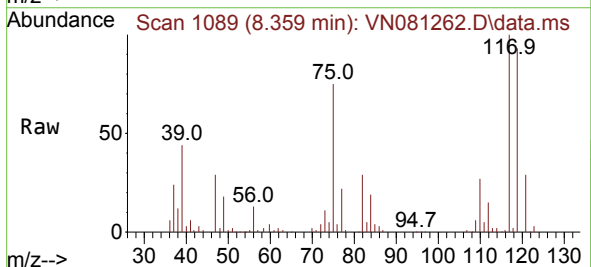
Tgt Ion: 117 Resp: 268814

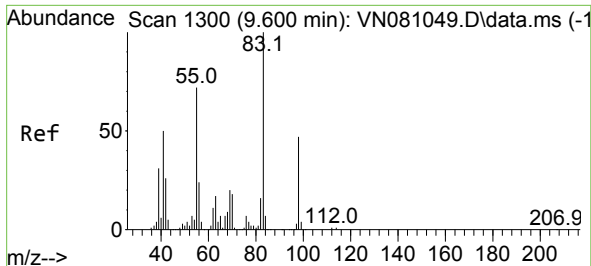
Ion Ratio Lower Upper

117 100

119 93.3 73.4 110.2

121 29.1 24.4 36.6





#39

Methylcyclohexane

Concen: 53.536 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

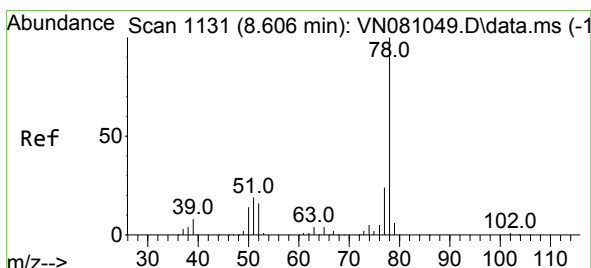
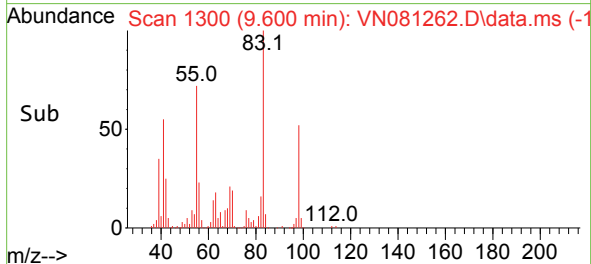
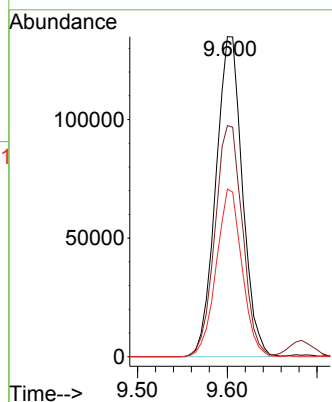
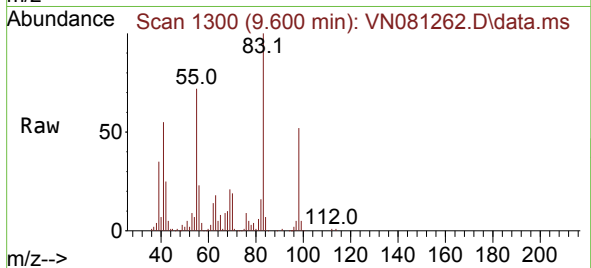
Tgt Ion: 83 Resp: 277723

Ion Ratio Lower Upper

83 100

55 72.2 65.7 98.5

98 52.3 33.8 50.6#



#40

Benzene

Concen: 58.961 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081262.D

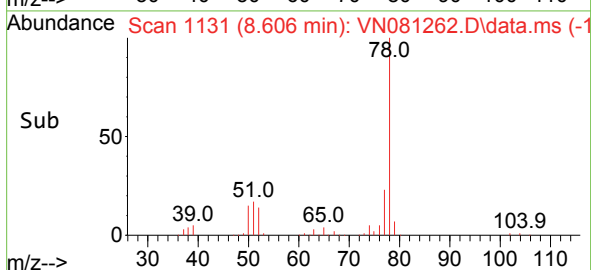
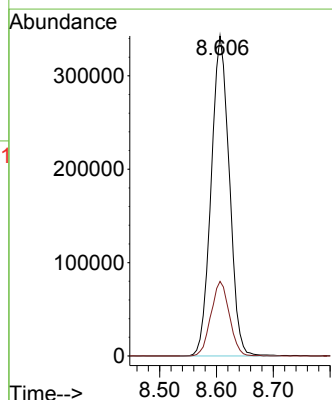
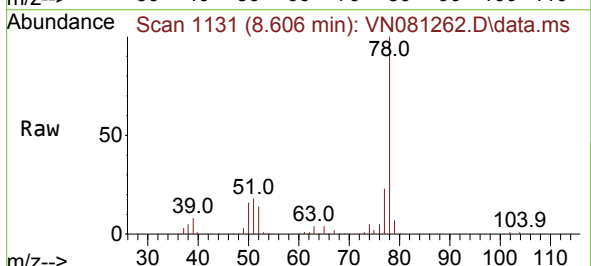
Acq: 29 Feb 2024 12:04

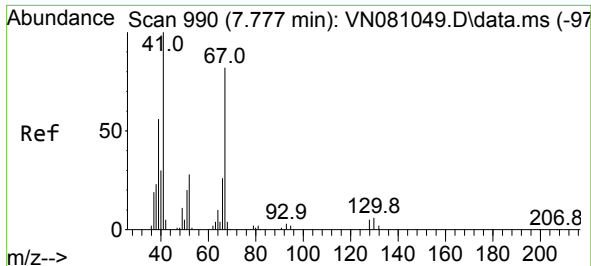
Tgt Ion: 78 Resp: 759474

Ion Ratio Lower Upper

78 100

77 23.3 20.4 30.6



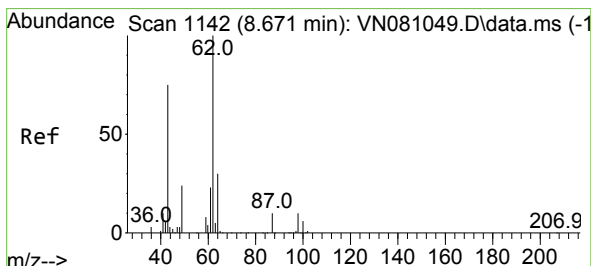
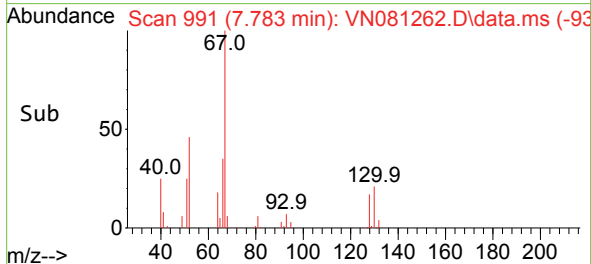
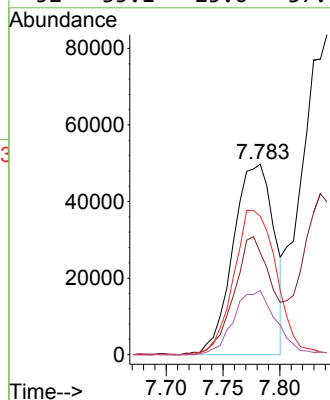
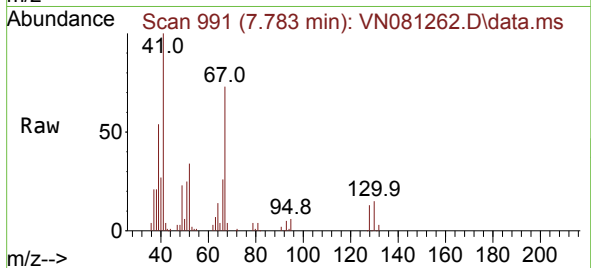


#41
Methacrylonitrile
Concen: 54.680 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 124986

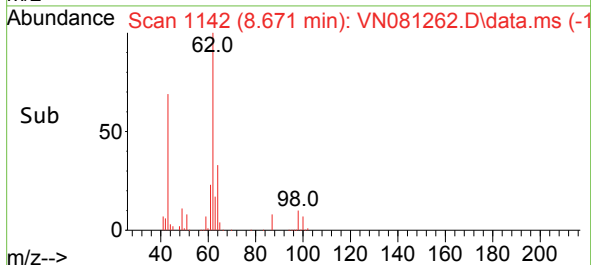
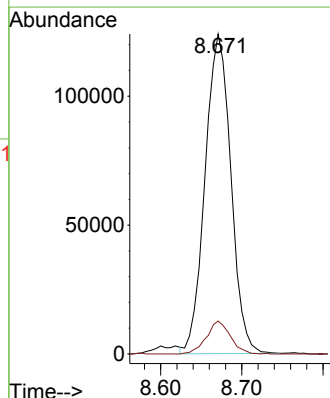
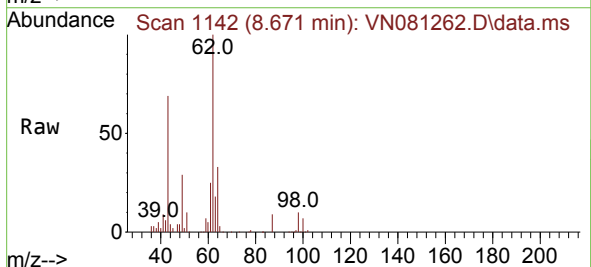
Ion	Ratio	Lower	Upper
41	100		
39	56.0	48.4	72.6
67	79.4	56.8	85.2
52	35.1	25.0	37.4

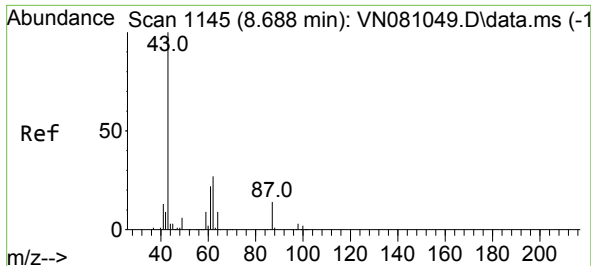


#42
1,2-Dichloroethane
Concen: 60.945 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 62 Resp: 273884

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.0

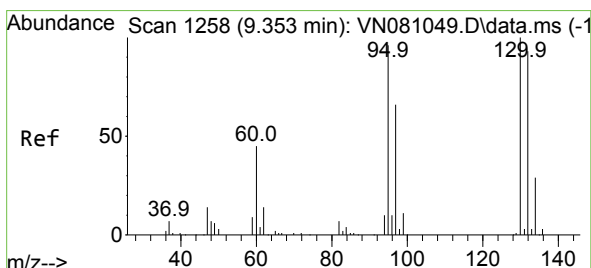
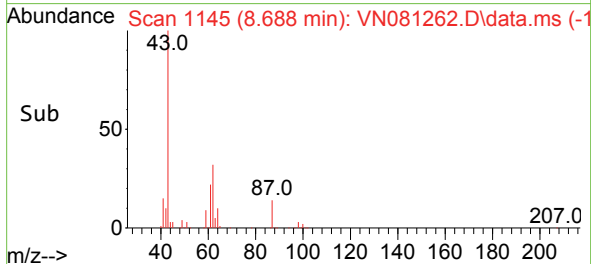
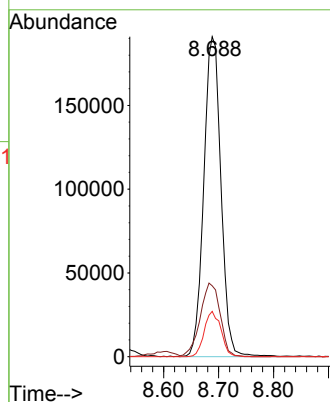
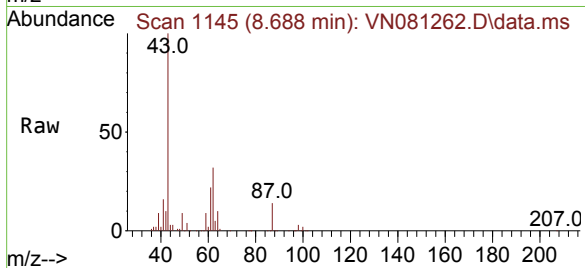




#43
Isopropyl Acetate
Concen: 58.990 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

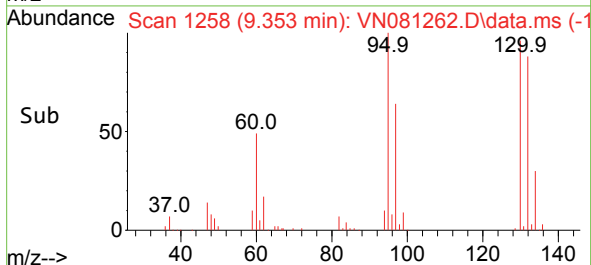
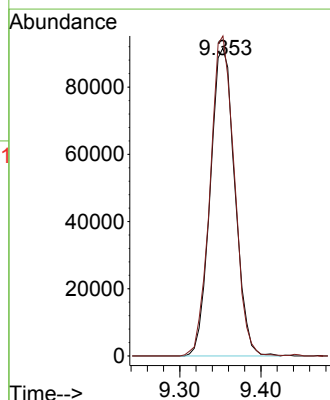
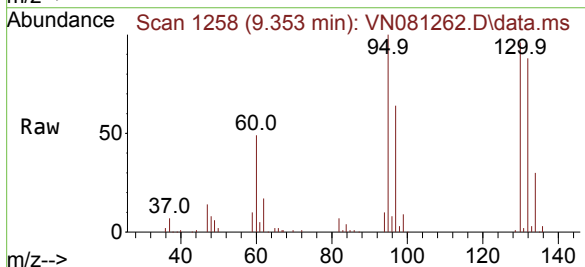
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

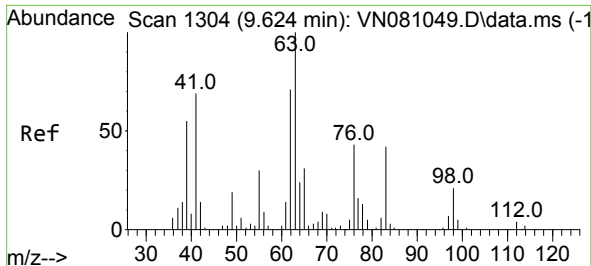
Tgt Ion: 43 Resp: 414362
Ion Ratio Lower Upper
43 100
61 26.7 19.9 29.9
87 13.8 9.0 13.6#



#44
Trichloroethene
Concen: 55.951 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion:130 Resp: 191955
Ion Ratio Lower Upper
130 100
95 103.9 0.0 210.4





#45

1,2-Dichloropropane

Concen: 60.853 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

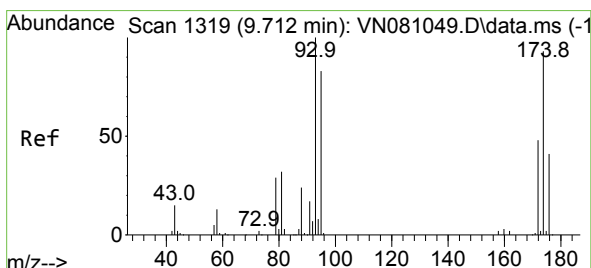
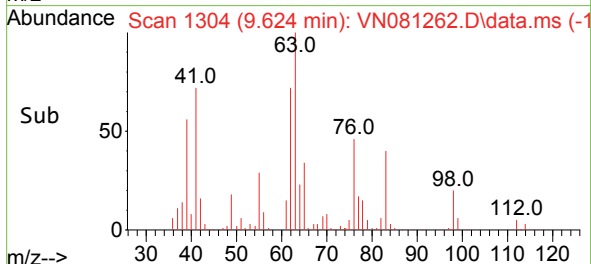
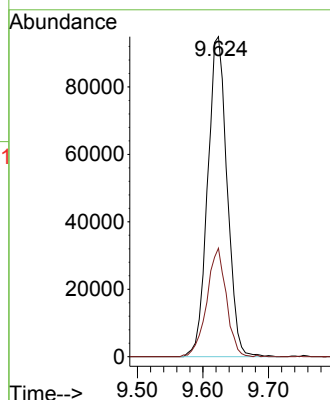
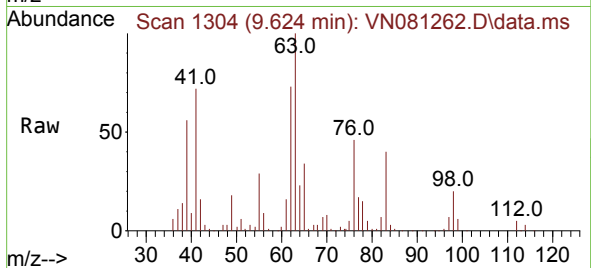
VSTDCCC050

Tgt Ion: 63 Resp: 196074

Ion Ratio Lower Upper

63 100

65 33.9 26.1 39.1



#46

Dibromomethane

Concen: 58.590 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

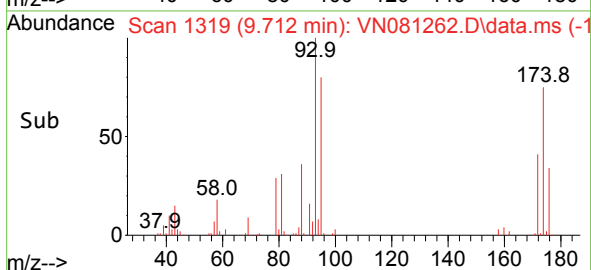
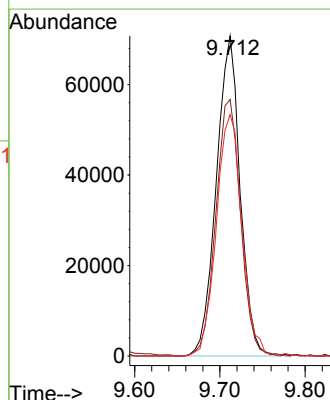
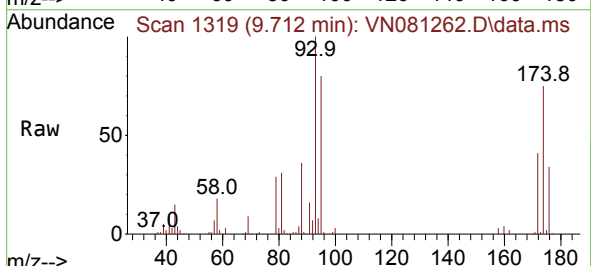
Tgt Ion: 93 Resp: 137550

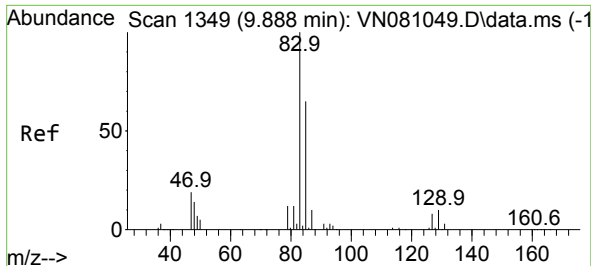
Ion Ratio Lower Upper

93 100

95 83.5 68.1 102.1

174 80.9 57.2 85.8

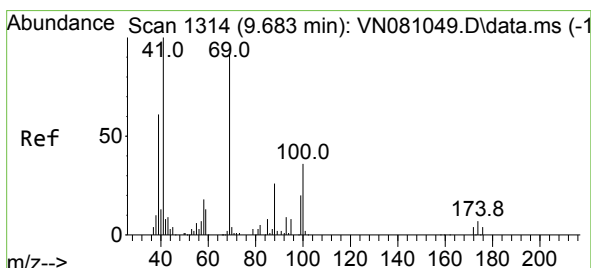
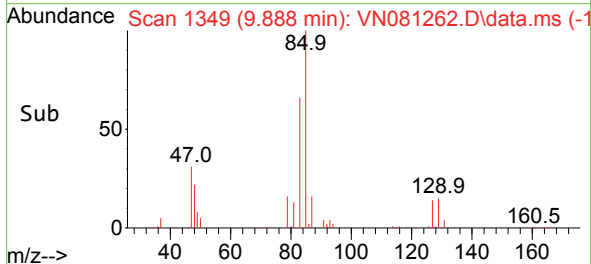
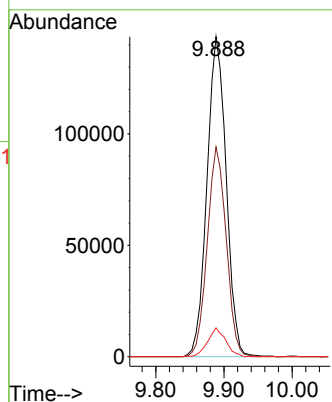
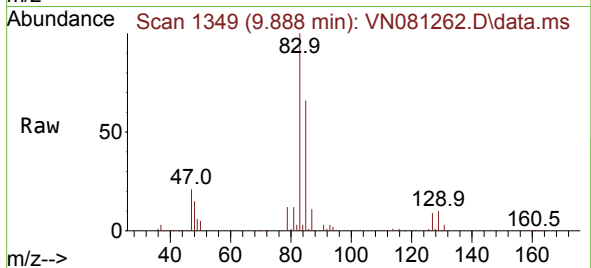




#47
Bromodichloromethane
Concen: 63.471 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

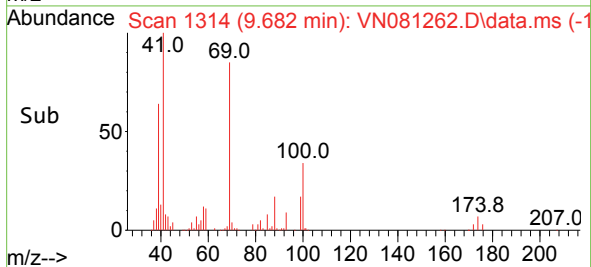
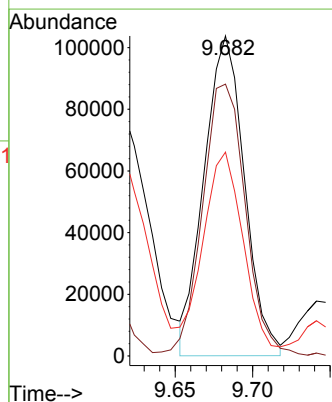
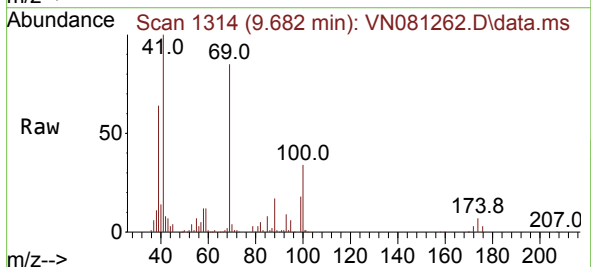
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

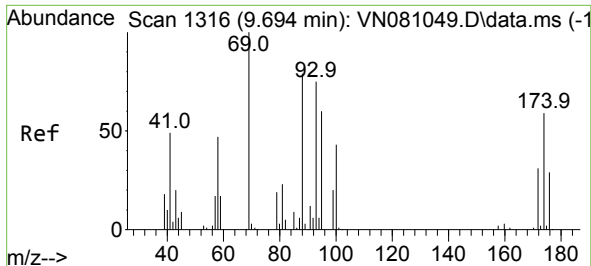
Tgt Ion: 83 Resp: 282216
Ion Ratio Lower Upper
83 100
85 65.5 52.3 78.5
127 9.0 4.6 7.0#



#48
Methyl methacrylate
Concen: 57.512 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 41 Resp: 187976
Ion Ratio Lower Upper
41 100
69 90.7 62.2 93.2
39 65.7 47.6 71.4





#49

1,4-Dioxane

Concen: 1278.887 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

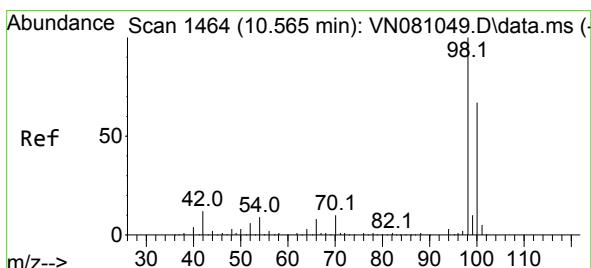
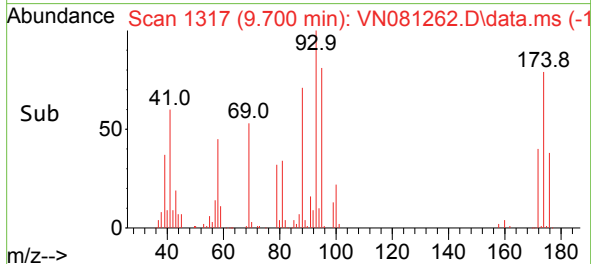
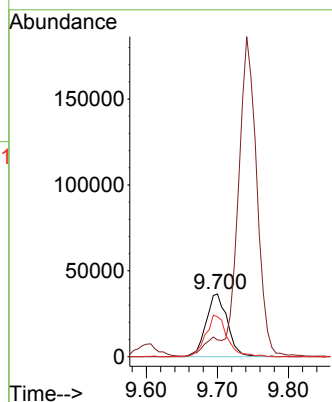
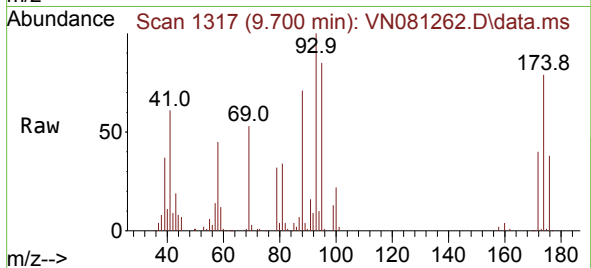
Tgt Ion: 88 Resp: 76250

Ion Ratio Lower Upper

88 100

43 26.0 30.1 45.1#

58 66.7 63.9 95.9



#50

Toluene-d8

Concen: 50.164 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081262.D

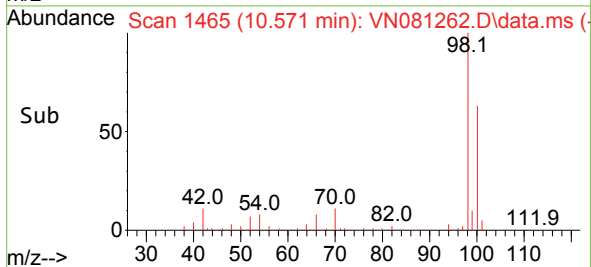
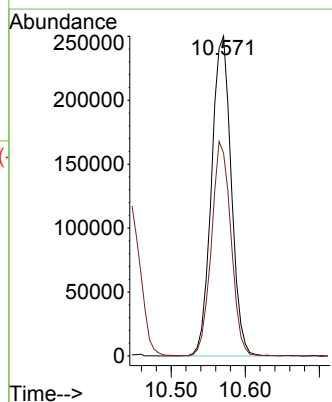
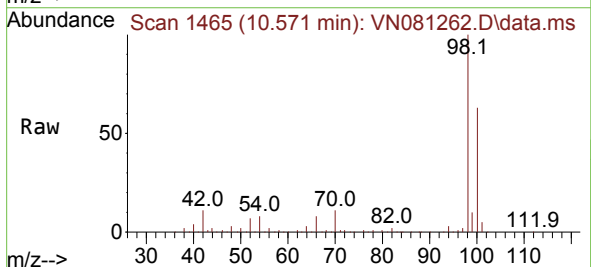
Acq: 29 Feb 2024 12:04

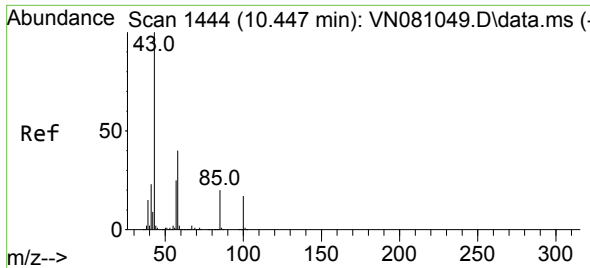
Tgt Ion: 98 Resp: 462798

Ion Ratio Lower Upper

98 100

100 66.1 51.4 77.0

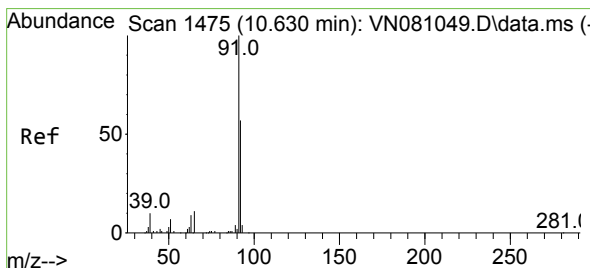
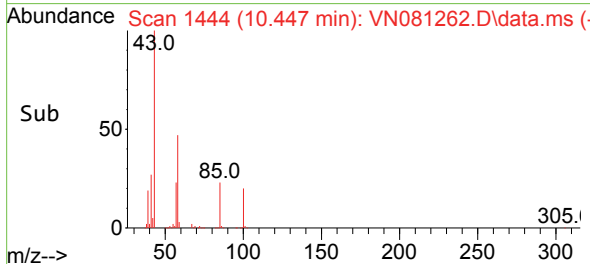
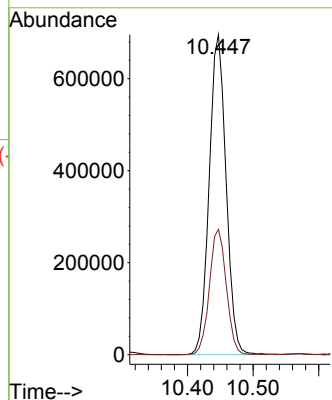
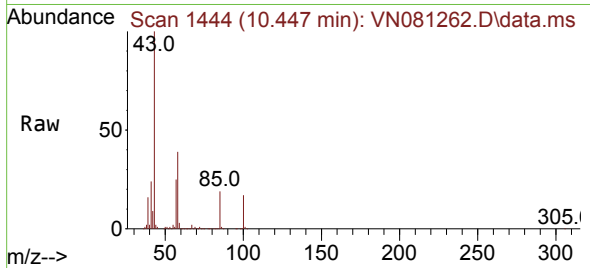




#51
4-Methyl-2-Pentanone
Concen: 308.113 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

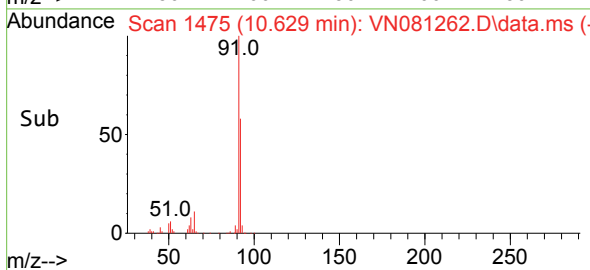
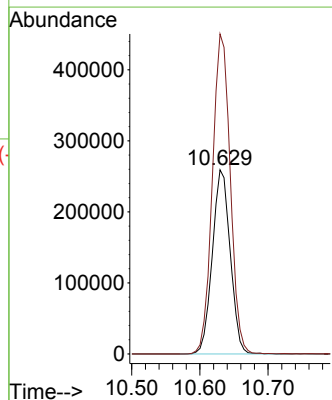
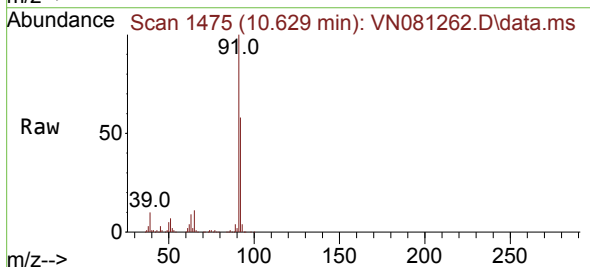
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

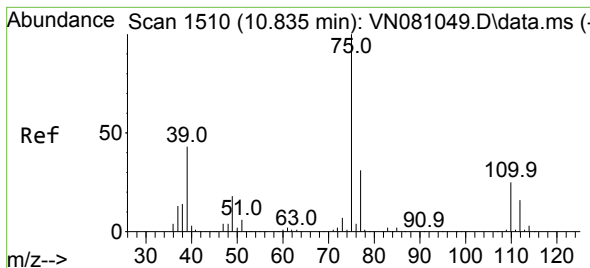
Tgt Ion: 43 Resp: 1244997
Ion Ratio Lower Upper
43 100
58 39.2 29.4 44.0



#52
Toluene
Concen: 58.102 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 92 Resp: 473797
Ion Ratio Lower Upper
92 100
91 173.5 139.4 209.0

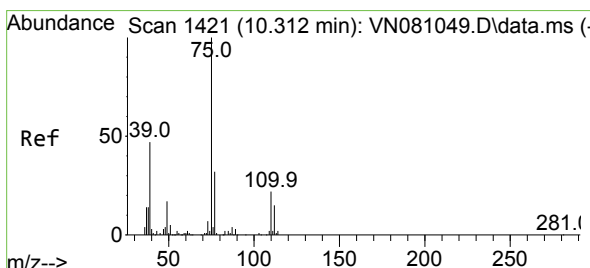
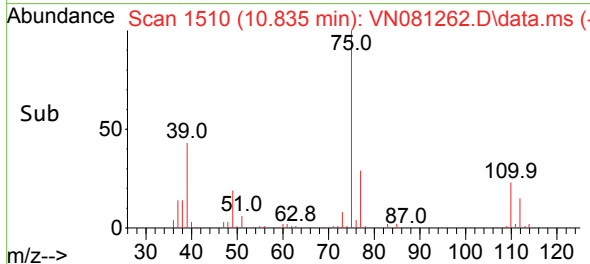
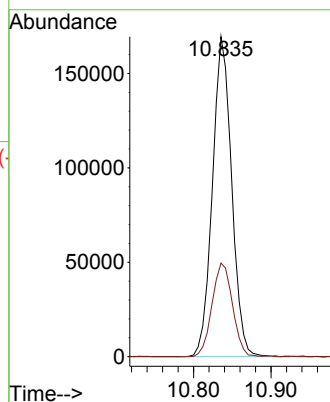
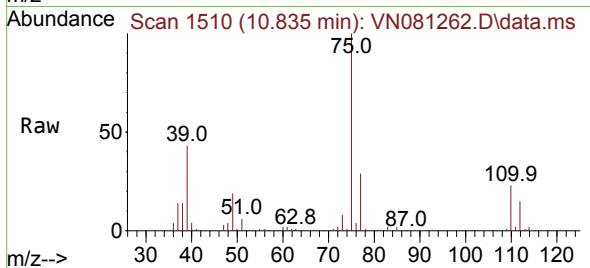




#53
t-1,3-Dichloropropene
Concen: 59.046 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

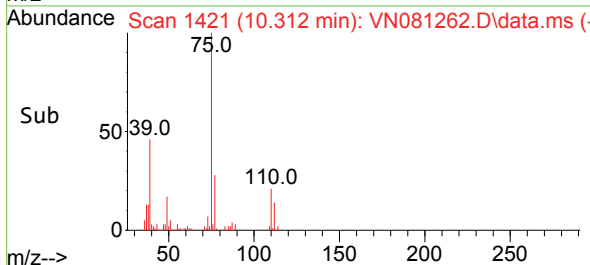
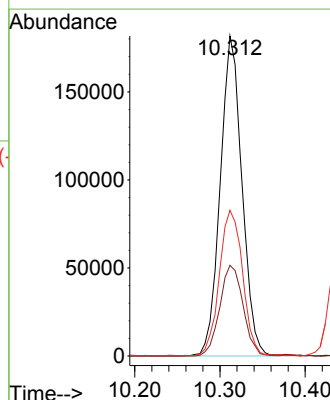
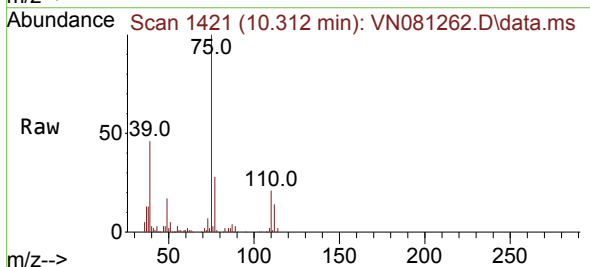
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

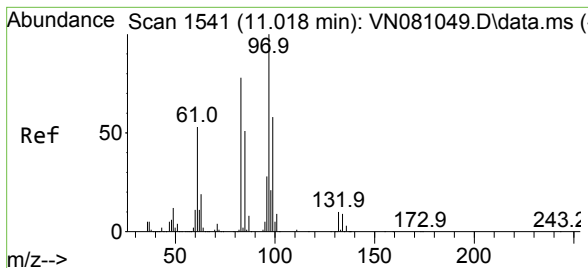
Tgt Ion: 75 Resp: 291749
Ion Ratio Lower Upper
75 100
77 29.3 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 60.340 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 75 Resp: 322122
Ion Ratio Lower Upper
75 100
77 28.3 23.3 34.9
39 45.5 44.6 66.8



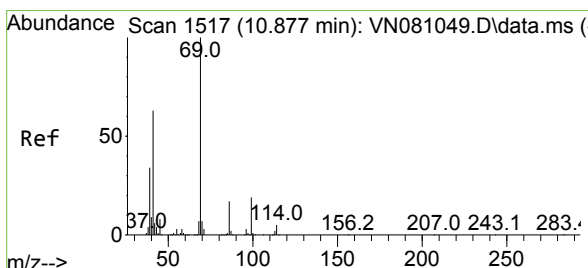
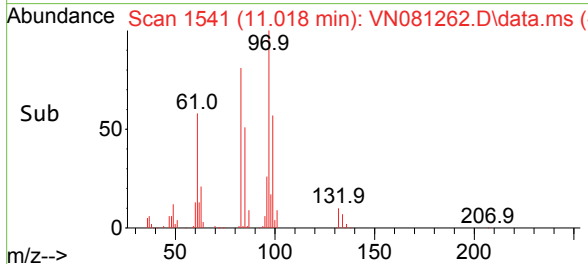
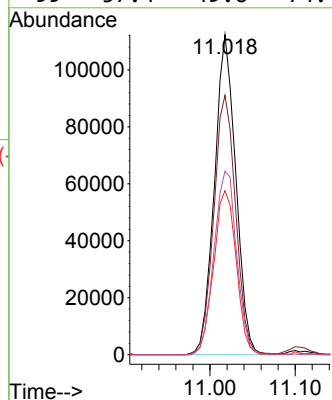
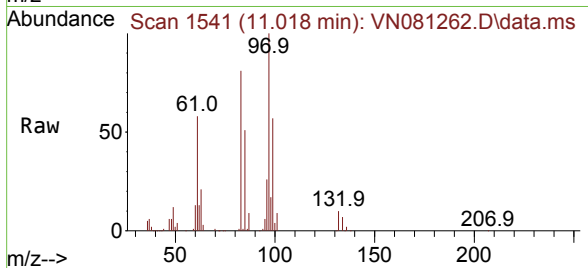


#55
1,1,2-Trichloroethane
Concen: 62.411 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 195744

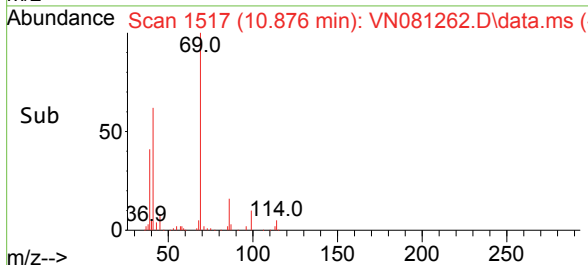
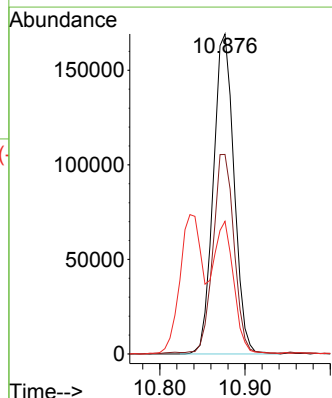
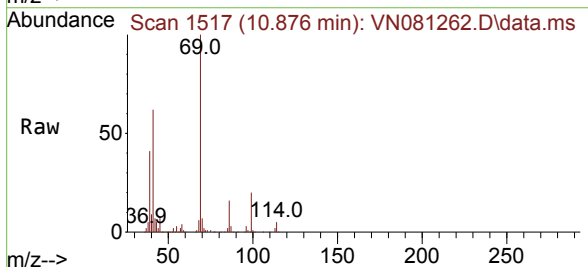
Ion	Ratio	Lower	Upper
97	100		
83	81.0	72.9	109.3
85	51.3	50.2	75.2
99	57.4	49.6	74.4

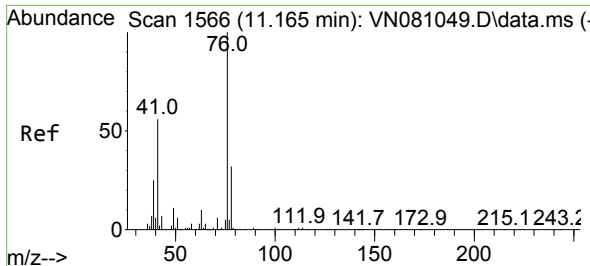


#56
Ethyl methacrylate
Concen: 59.586 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 69 Resp: 285621

Ion	Ratio	Lower	Upper
69	100		
41	64.4	61.0	91.6
39	37.0	31.8	47.6





#57

1,3-Dichloropropane

Concen: 60.747 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

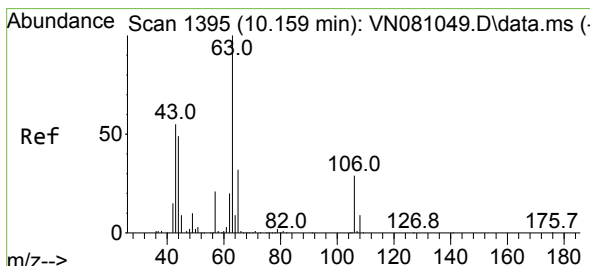
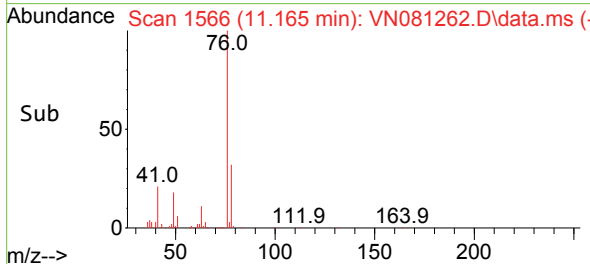
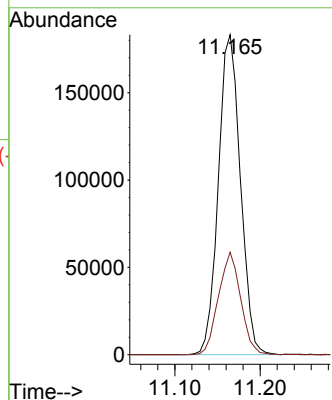
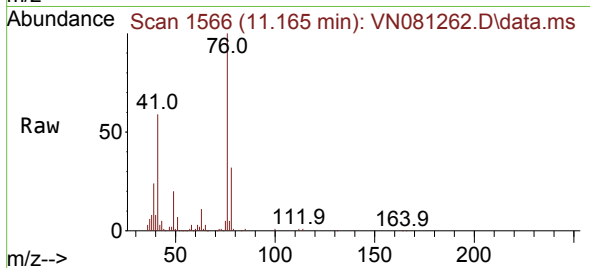
VSTDCCC050

Tgt Ion: 76 Resp: 329437

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 289.300 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081262.D

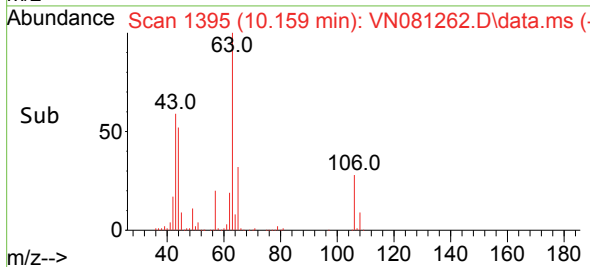
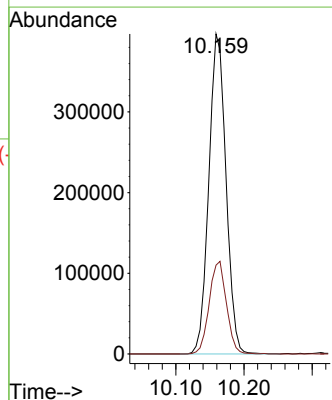
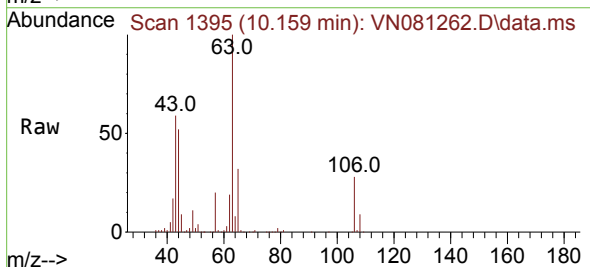
Acq: 29 Feb 2024 12:04

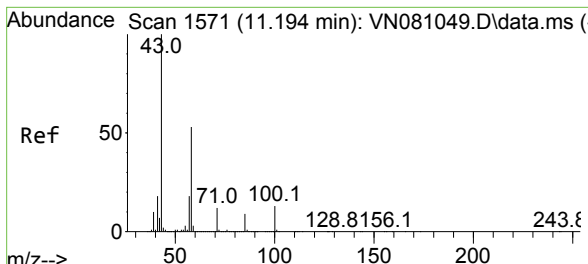
Tgt Ion: 63 Resp: 695793

Ion Ratio Lower Upper

63 100

106 29.0 18.6 28.0#

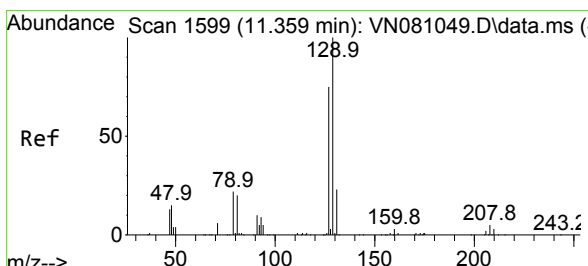
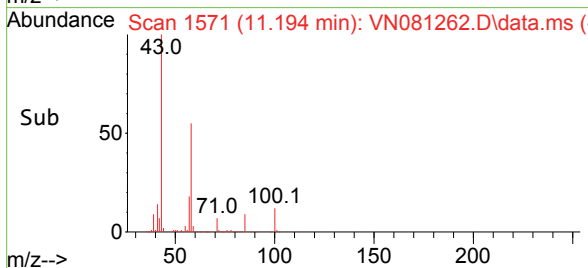
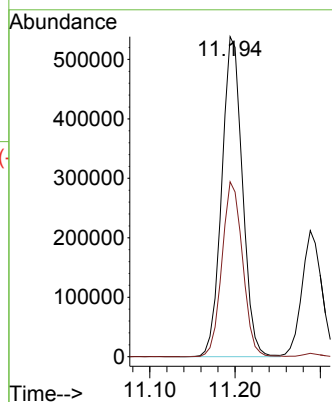
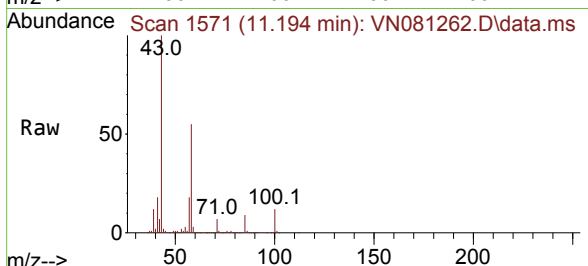




#59
2-Hexanone
Concen: 282.745 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

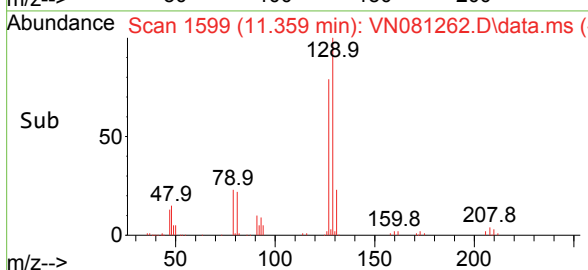
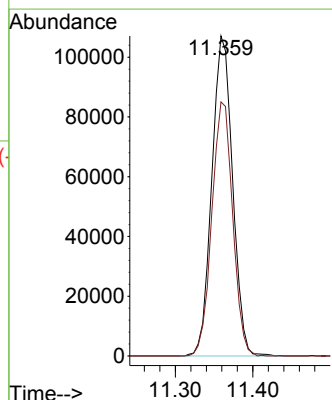
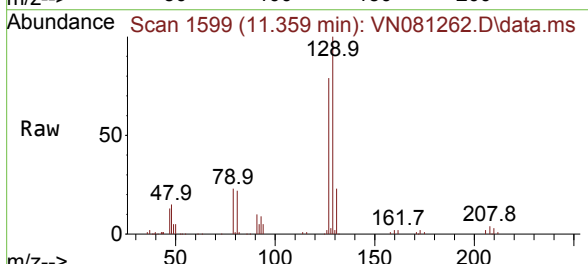
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

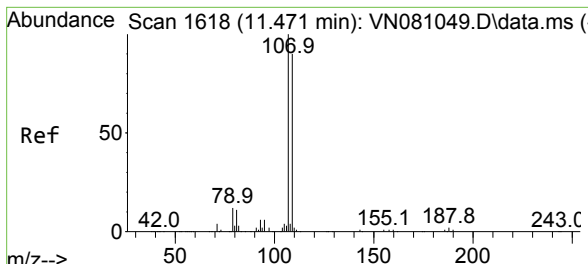
Tgt Ion: 43 Resp: 905768
Ion Ratio Lower Upper
43 100
58 54.5 25.9 77.8



#60
Dibromochloromethane
Concen: 59.781 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion:129 Resp: 199187
Ion Ratio Lower Upper
129 100
127 79.8 39.4 118.2

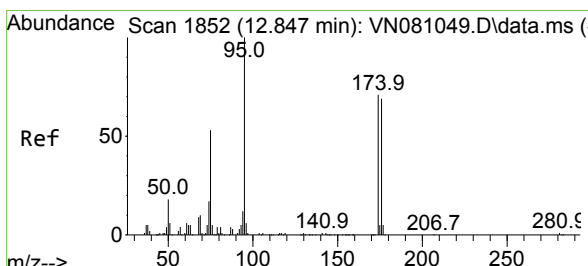
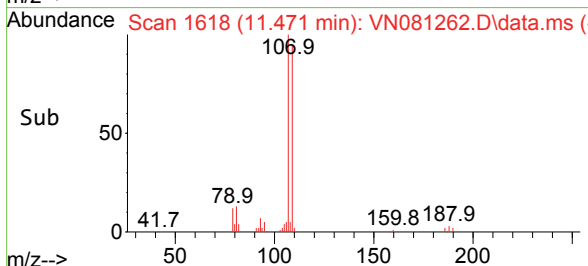
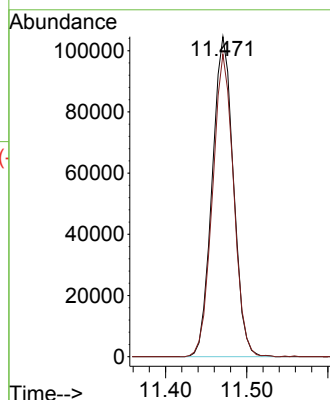
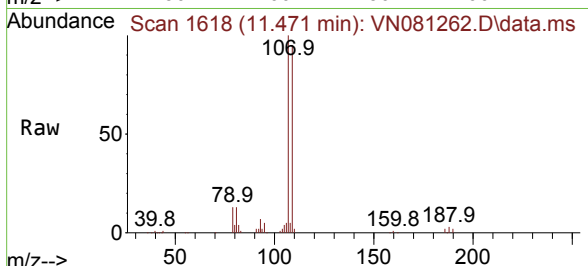




#61
1,2-Dibromoethane
Concen: 57.578 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

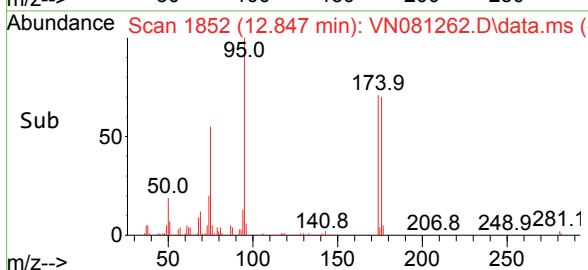
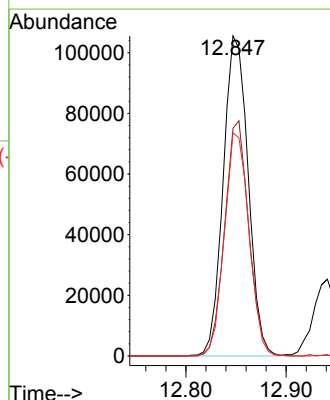
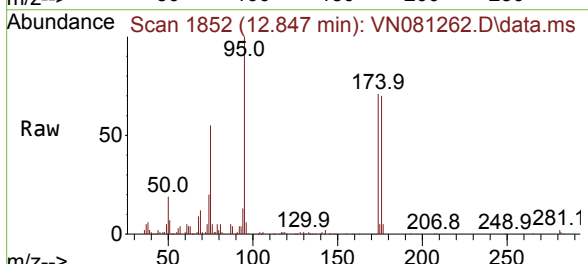
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

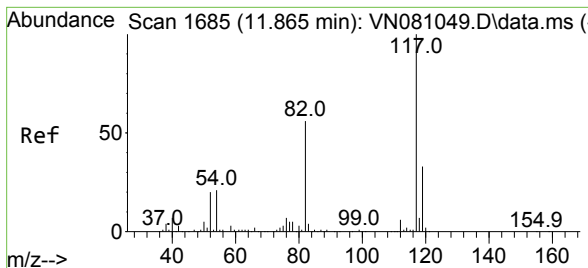
Tgt Ion:107 Resp: 189901
Ion Ratio Lower Upper
107 100
109 94.0 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 52.514 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 95 Resp: 182047
Ion Ratio Lower Upper
95 100
174 71.4 0.0 120.4
176 68.7 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

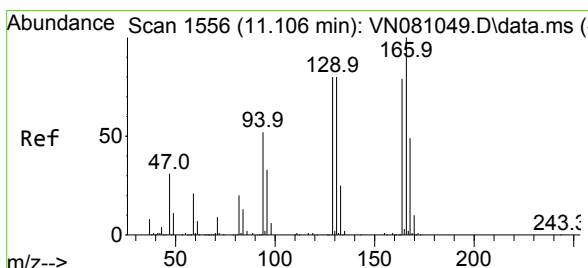
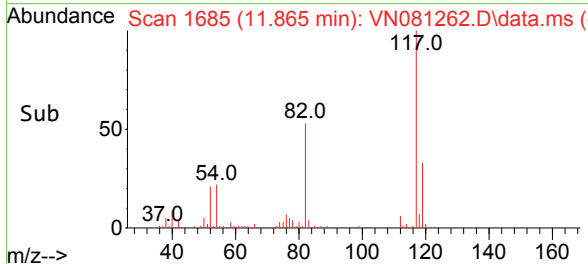
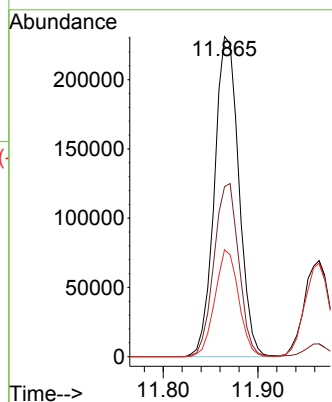
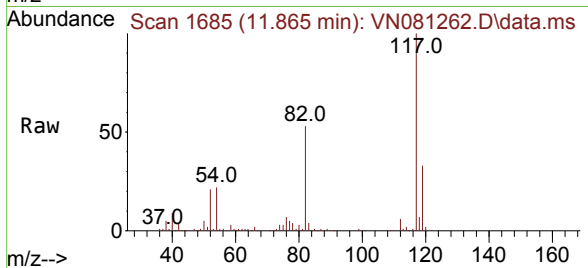
Tgt Ion:117 Resp: 413817

Ion Ratio Lower Upper

117 100

82 53.1 52.7 79.1

119 33.4 25.3 37.9



#64

Tetrachloroethene

Concen: 61.995 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

Tgt Ion:164 Resp: 175094

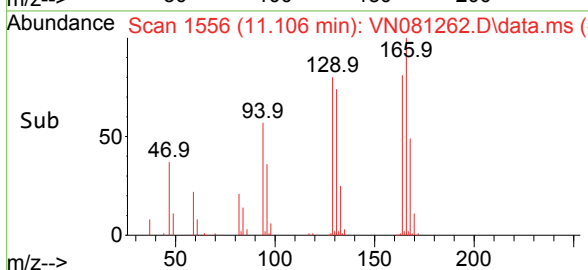
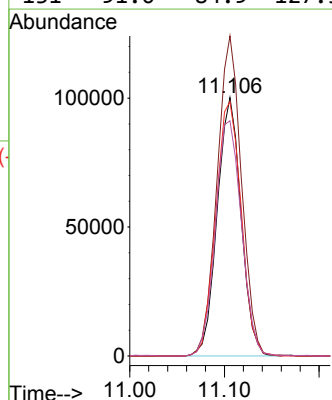
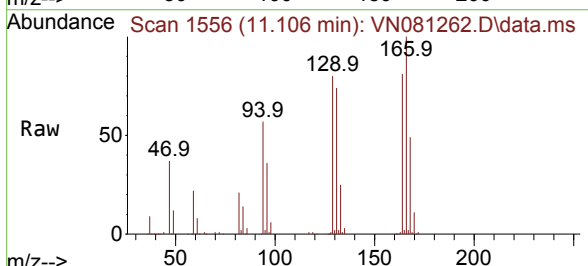
Ion Ratio Lower Upper

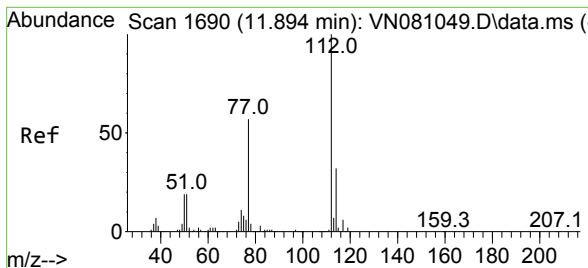
164 100

166 123.8 105.8 158.6

129 98.5 89.6 134.4

131 91.0 84.9 127.3

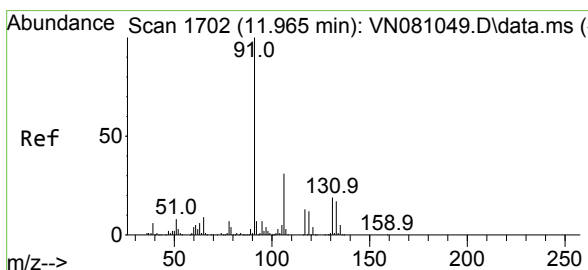
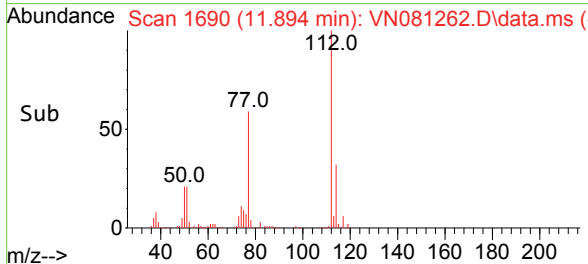
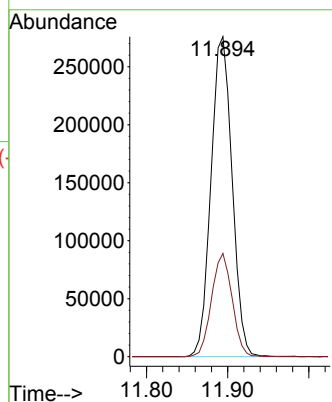
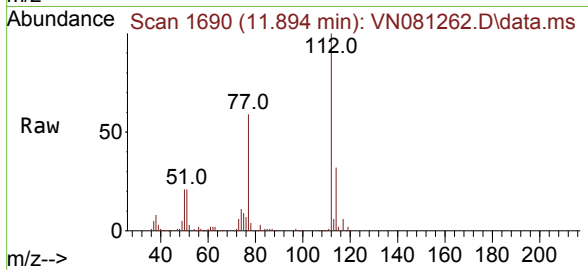




#65
Chlorobenzene
Concen: 55.738 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

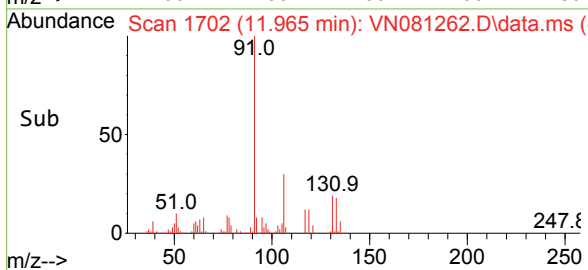
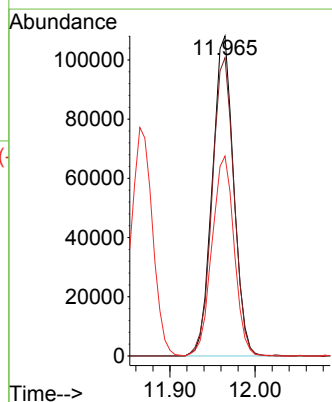
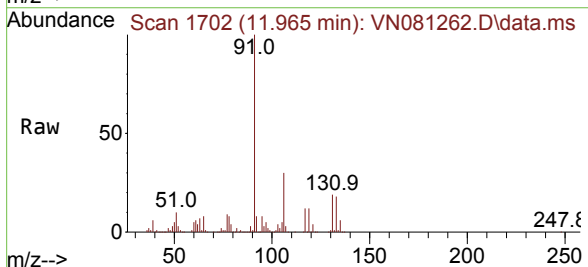
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

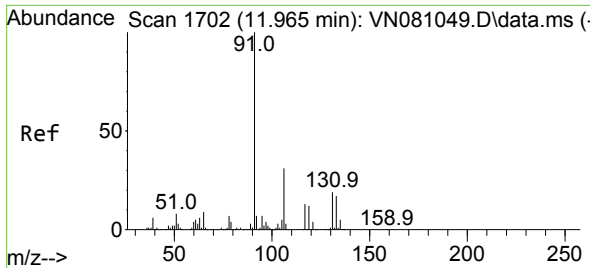
Tgt Ion:112 Resp: 499202
Ion Ratio Lower Upper
112 100
114 32.3 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 58.535 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion:131 Resp: 188299
Ion Ratio Lower Upper
131 100
133 95.3 46.8 140.3
119 64.9 34.6 103.9

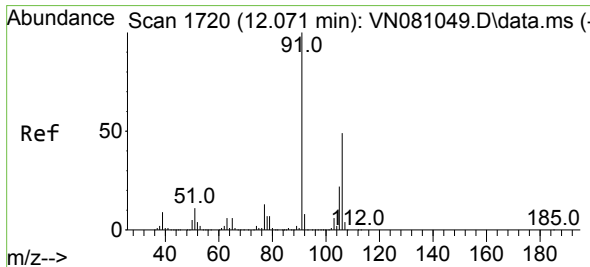
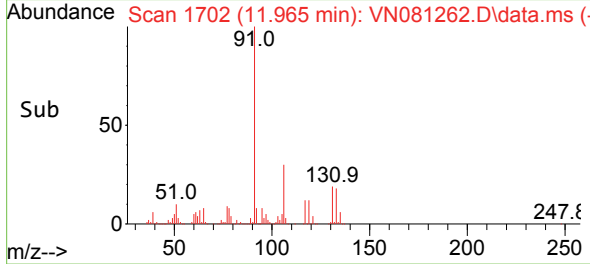
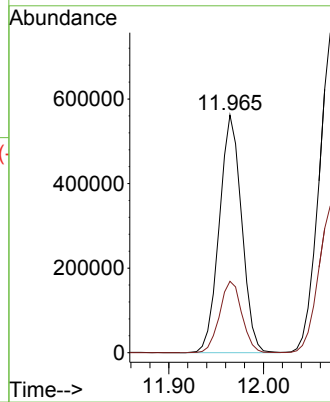
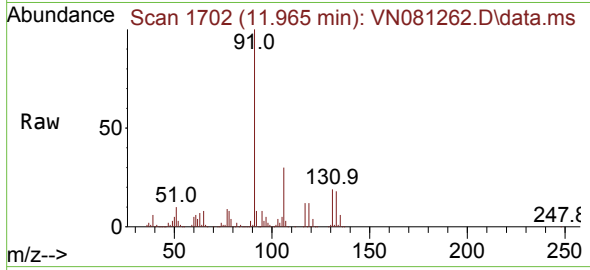




#67
Ethyl Benzene
Concen: 57.585 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

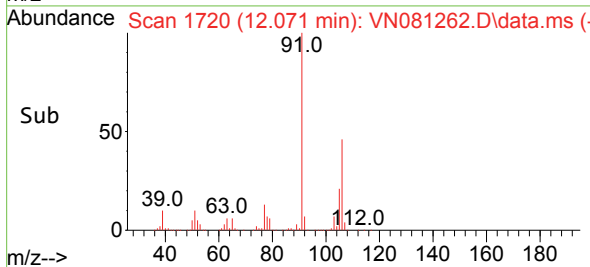
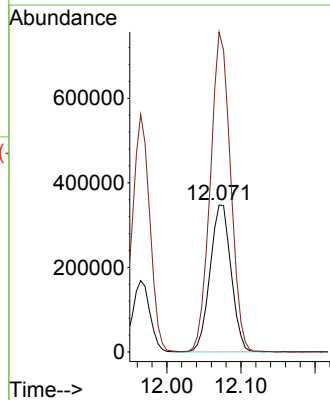
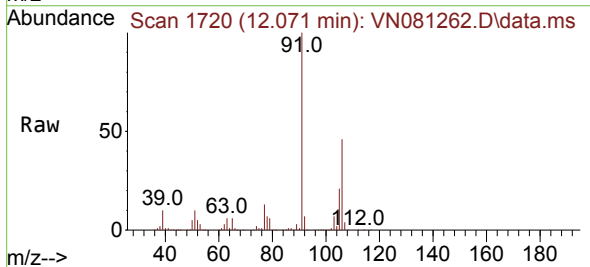
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

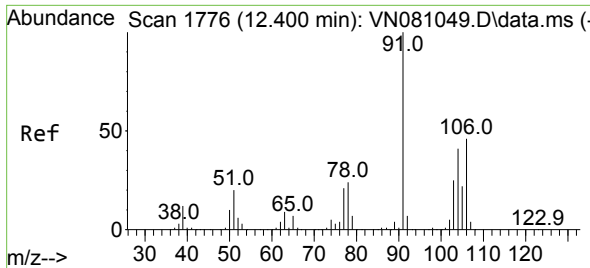
Tgt Ion: 91 Resp: 922887
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.6



#68
m/p-Xylenes
Concen: 111.437 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion:106 Resp: 684552
Ion Ratio Lower Upper
106 100
91 209.8 169.0 253.6





#69

o-Xylene

Concen: 54.859 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

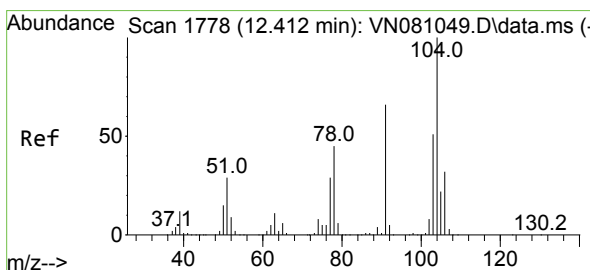
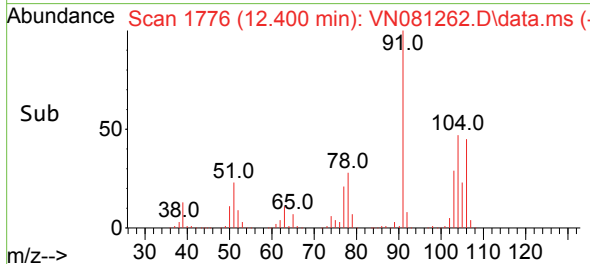
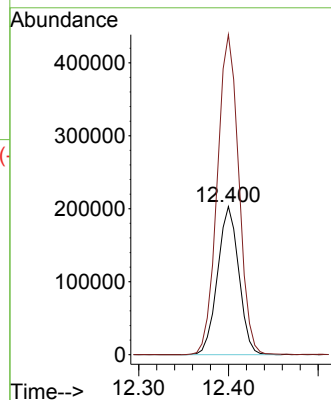
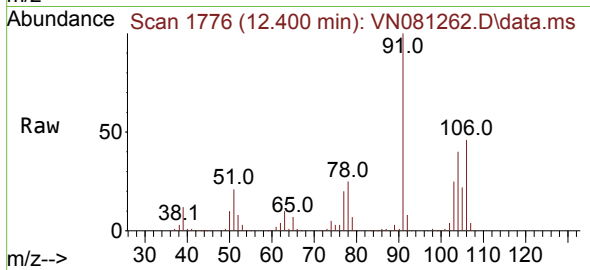
VSTDCCC050

Tgt Ion:106 Resp: 334050

Ion Ratio Lower Upper

106 100

91 218.9 112.1 336.3



#70

Styrene

Concen: 58.992 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

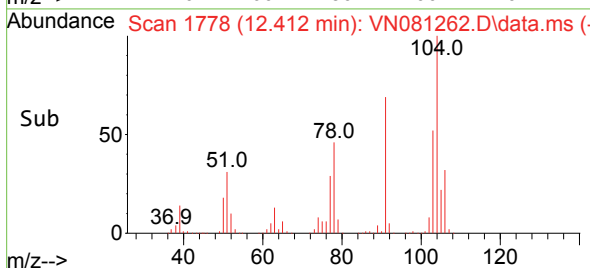
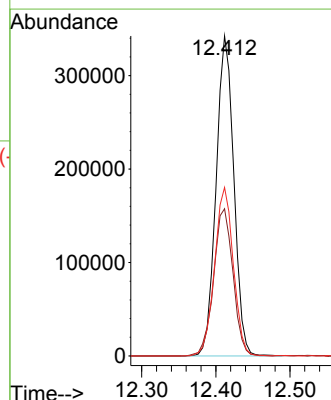
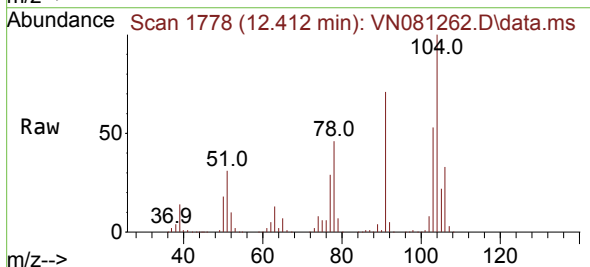
Tgt Ion:104 Resp: 569223

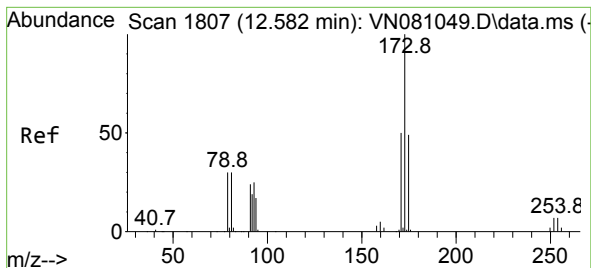
Ion Ratio Lower Upper

104 100

78 50.2 43.8 65.8

103 55.7 44.2 66.2





#71

Bromoform

Concen: 58.589 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

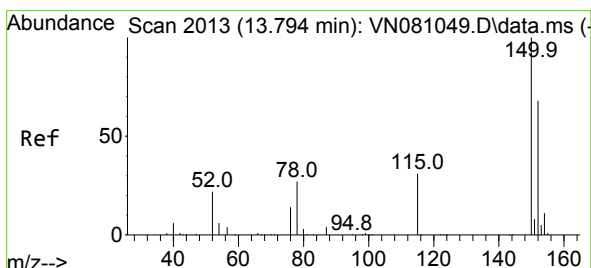
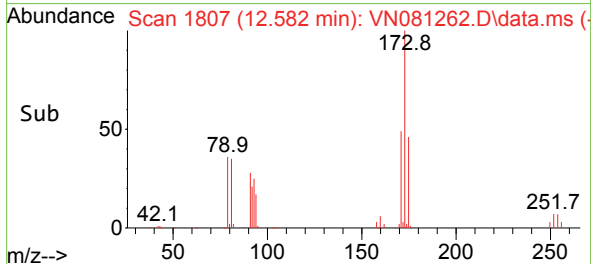
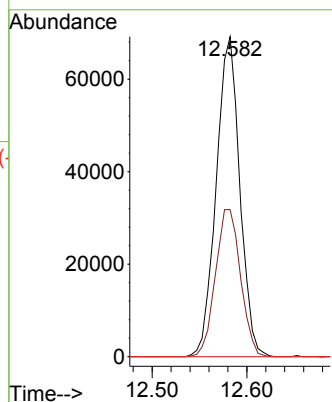
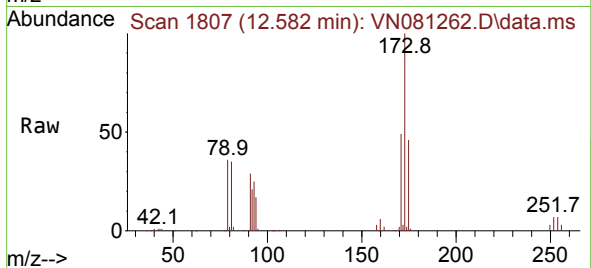
Tgt Ion:173 Resp: 119575

Ion Ratio Lower Upper

173 100

175 48.9 23.1 69.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

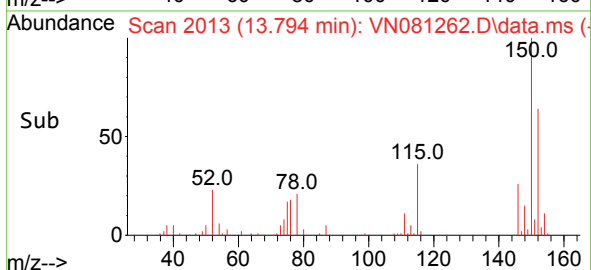
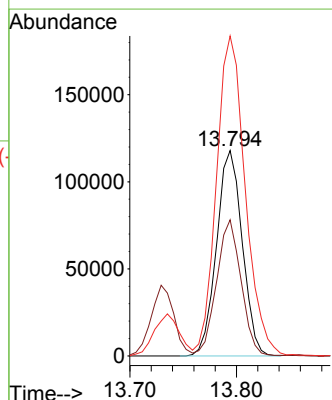
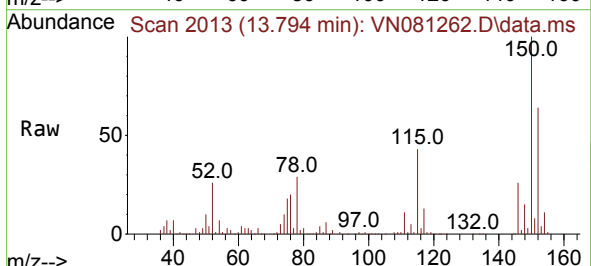
Tgt Ion:152 Resp: 197485

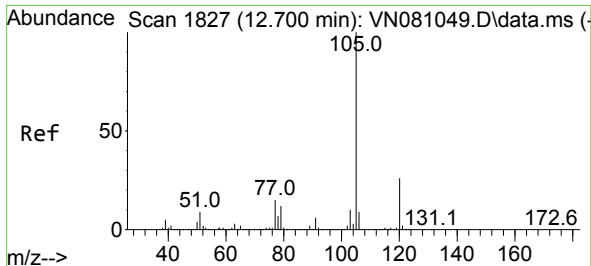
Ion Ratio Lower Upper

152 100

115 63.5 32.3 96.8

150 175.0 0.0 339.8

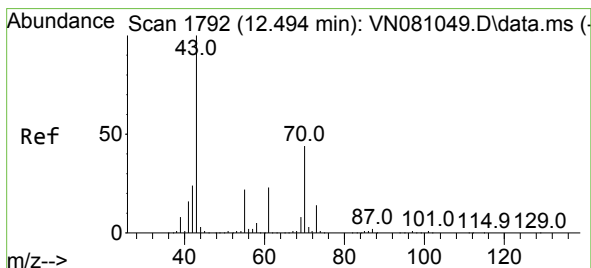
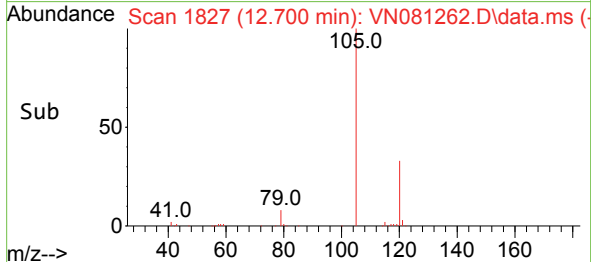
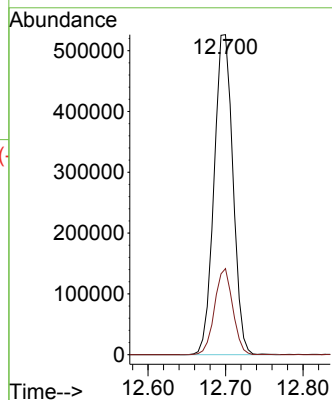
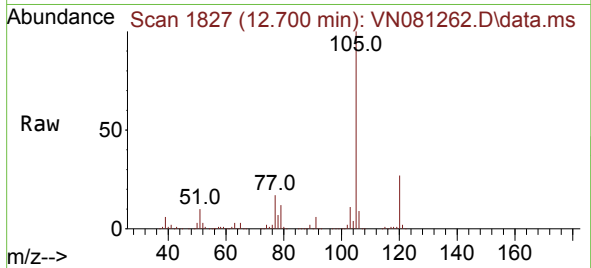




#73
Isopropylbenzene
Concen: 51.503 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

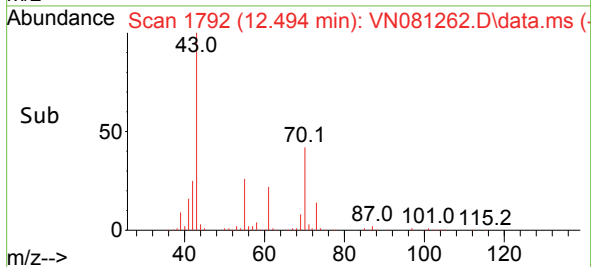
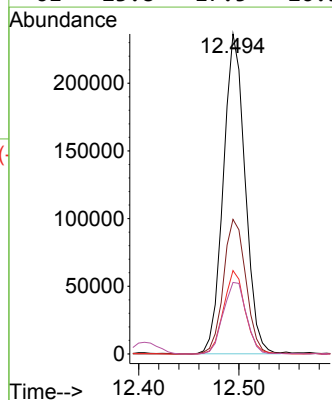
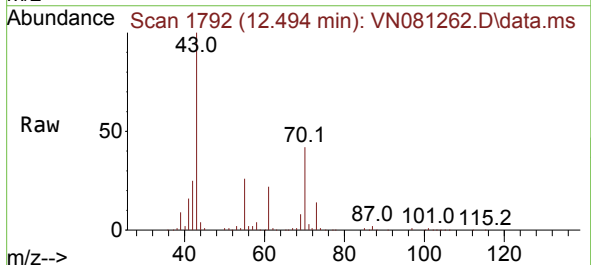
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

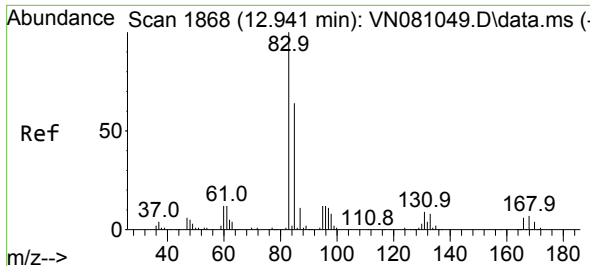
Tgt Ion:105 Resp: 889902
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.6



#74
N-ethyl acetate
Concen: 48.706 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 43 Resp: 355677
Ion Ratio Lower Upper
43 100
70 43.6 30.1 45.1
55 25.9 17.0 25.4#
61 23.8 17.5 26.3

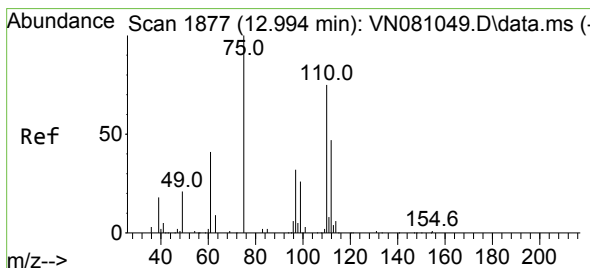
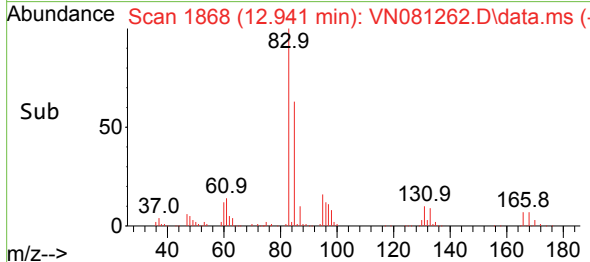
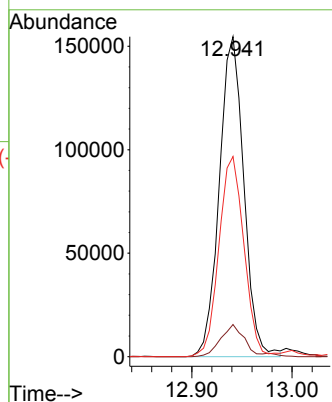
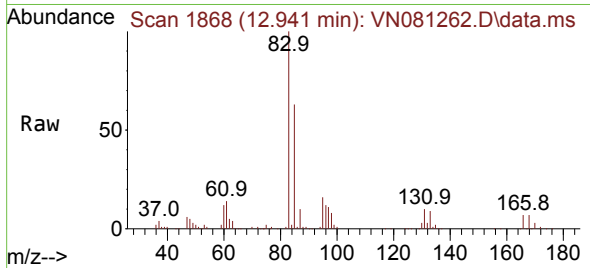




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.930 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN081262.D
 Acq: 29 Feb 2024 12:04

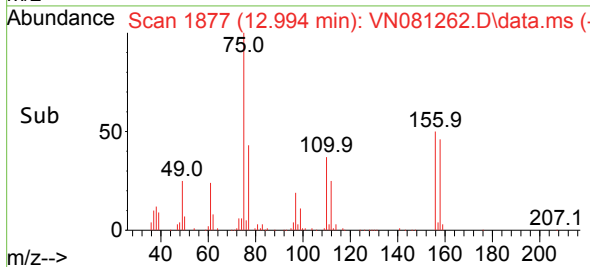
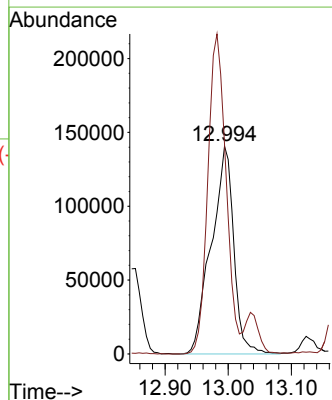
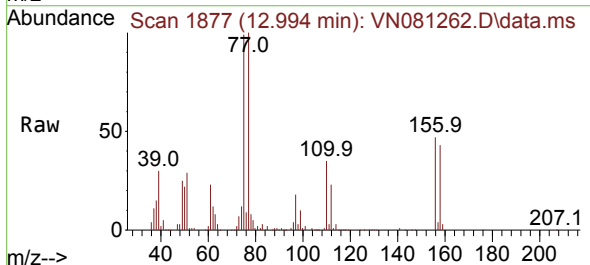
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

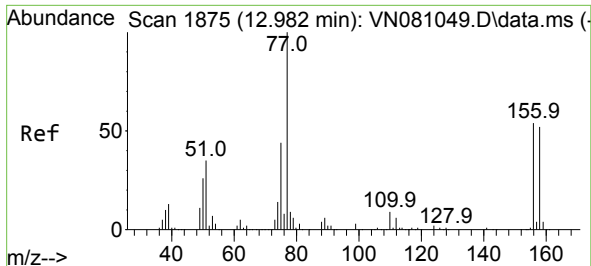
Tgt Ion: 83 Resp: 262022
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.1 12.3
 85 64.1 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 77.287 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN081262.D
 Acq: 29 Feb 2024 12:04

Tgt Ion: 75 Resp: 346786
 Ion Ratio Lower Upper
 75 100
 77 124.9 91.0 272.8

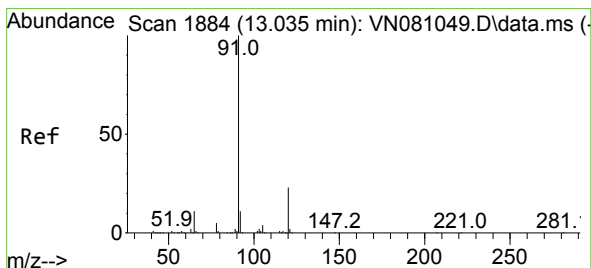
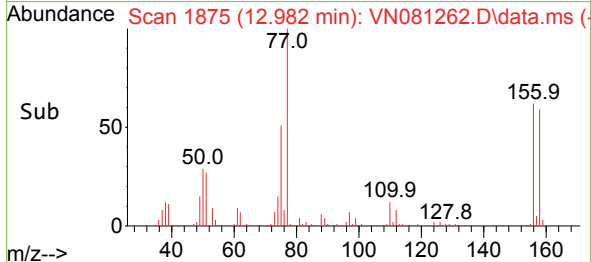
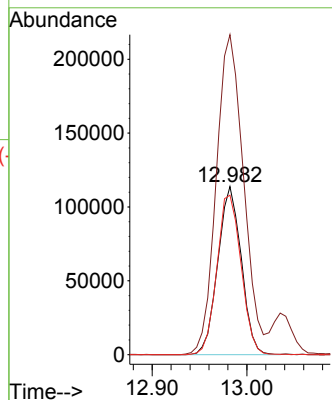
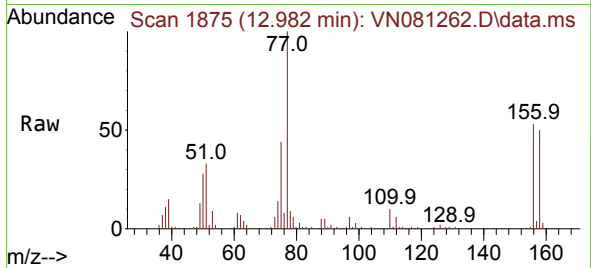




#77
Bromobenzene
Concen: 50.784 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

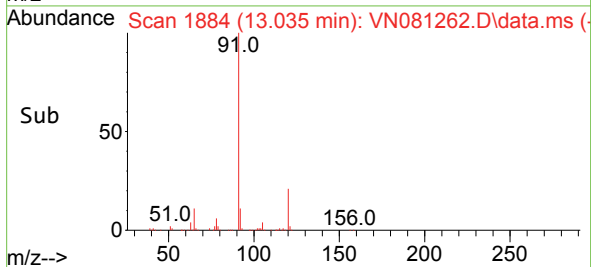
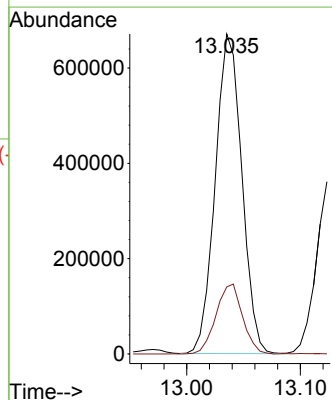
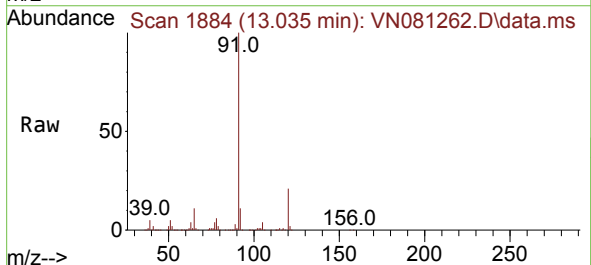
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

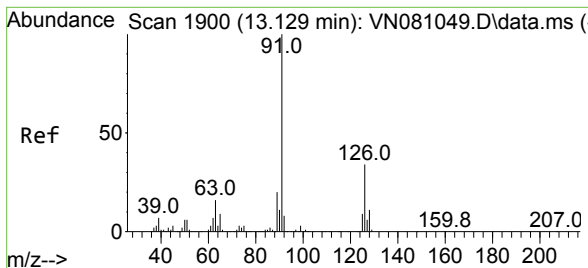
Tgt Ion:156 Resp: 195652
Ion Ratio Lower Upper
156 100
77 221.3 138.1 414.3
158 98.1 46.5 139.5



#78
n-propylbenzene
Concen: 54.786 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 91 Resp: 1089735
Ion Ratio Lower Upper
91 100
120 21.9 10.3 30.9

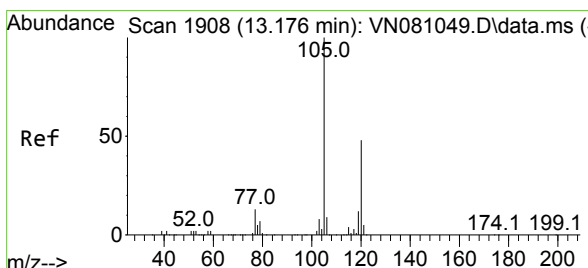
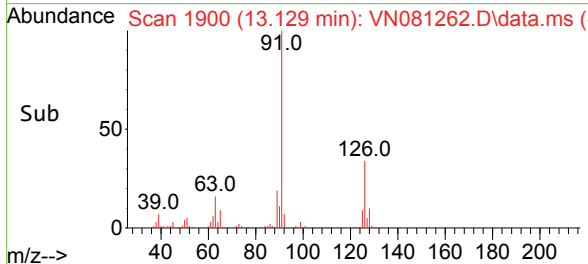
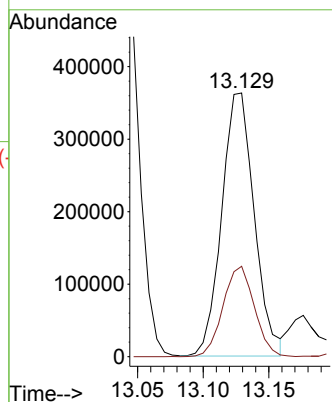
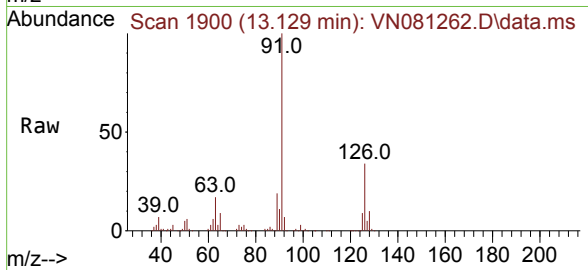




#79
2-Chlorotoluene
Concen: 51.393 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

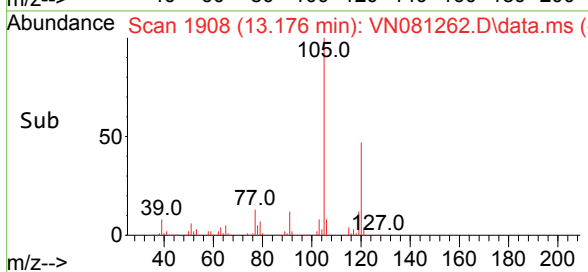
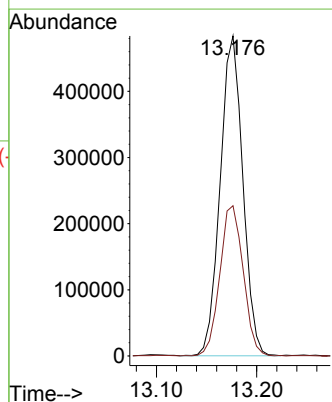
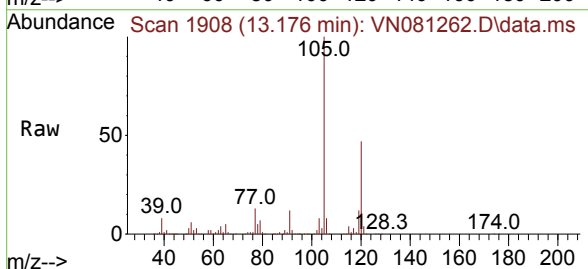
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

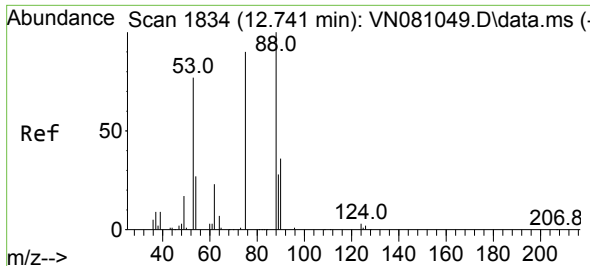
Tgt Ion: 91 Resp: 627021
Ion Ratio Lower Upper
91 100
126 33.1 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 54.135 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 105 Resp: 758400
Ion Ratio Lower Upper
105 100
120 48.6 23.0 69.0

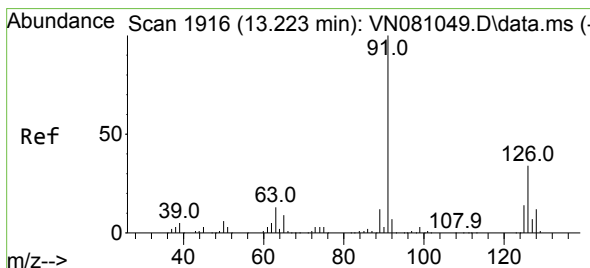
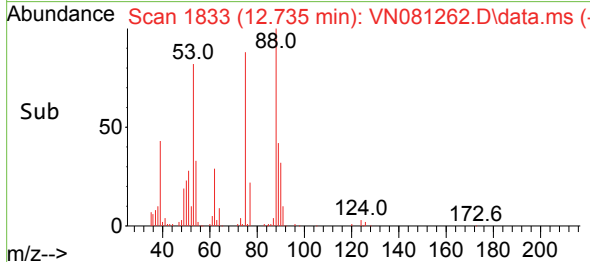
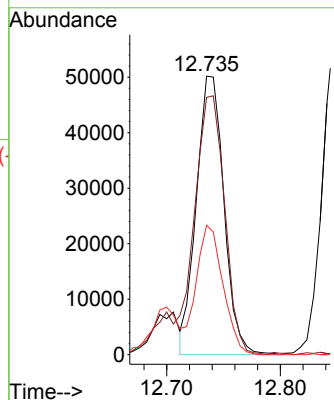
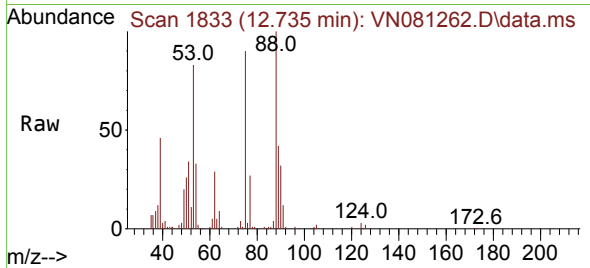




#81
trans-1,4-Dichloro-2-butene
Concen: 48.579 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

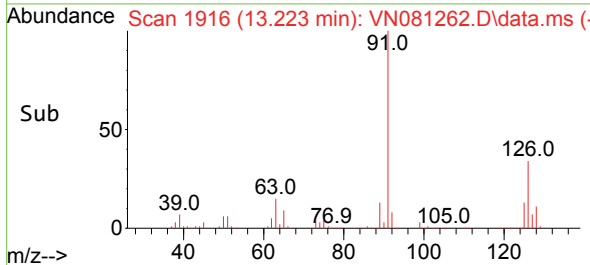
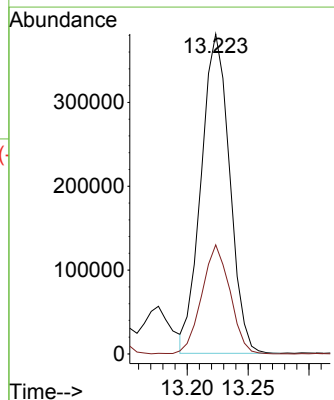
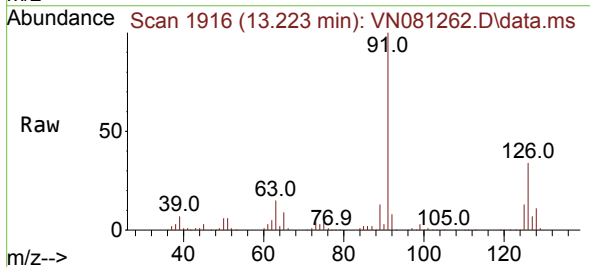
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

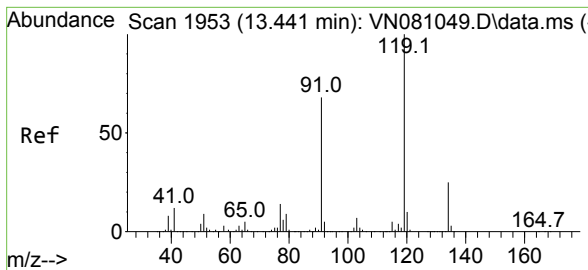
Tgt Ion: 75 Resp: 84686
Ion Ratio Lower Upper
75 100
53 113.9 71.4 107.2#
89 45.8 33.4 50.0



#82
4-Chlorotoluene
Concen: 51.927 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 91 Resp: 619463
Ion Ratio Lower Upper
91 100
126 33.9 15.3 45.9

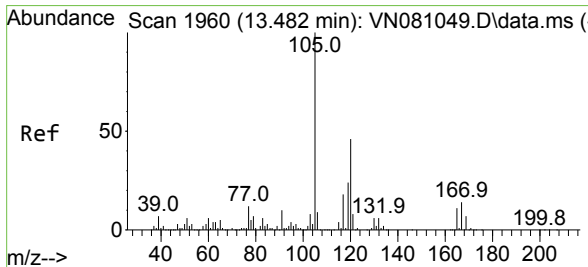
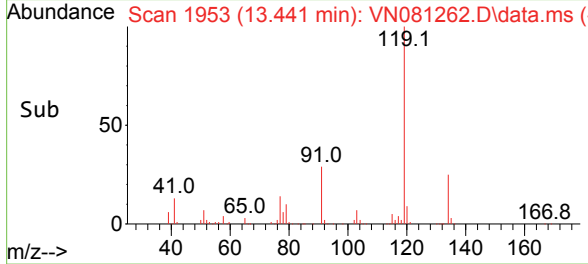
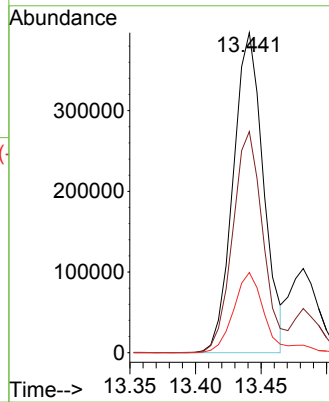
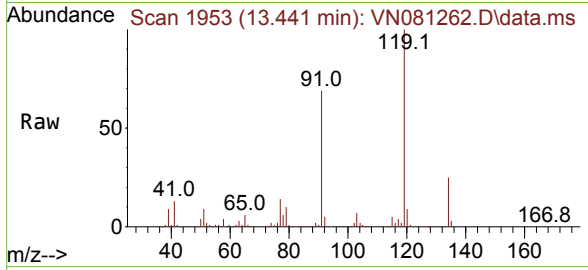




#83
 tert-Butylbenzene
 Concen: 52.764 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN081262.D
 Acq: 29 Feb 2024 12:04

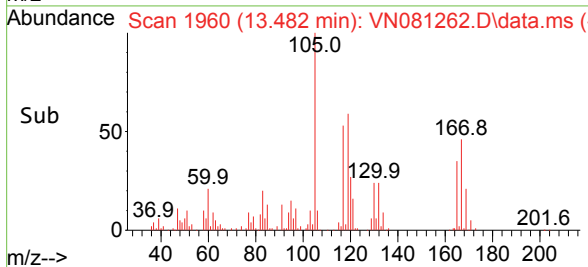
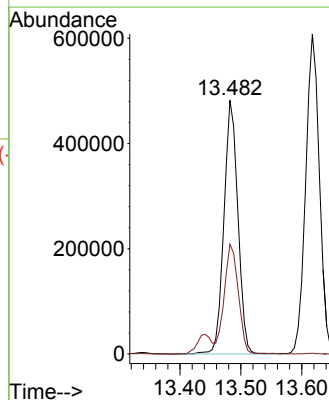
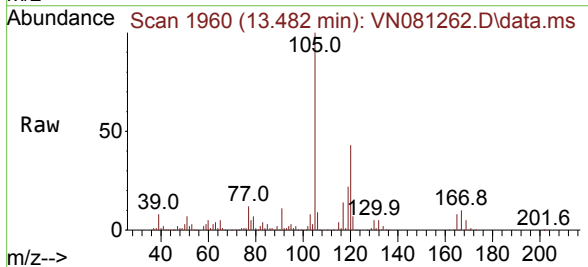
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

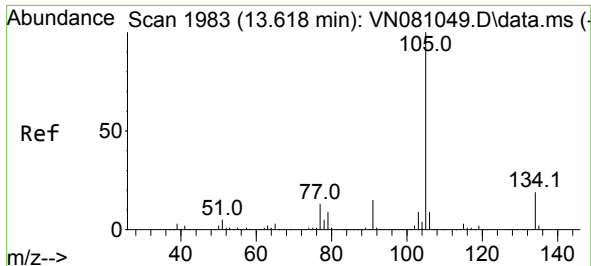
Tgt Ion:119 Resp: 639160
 Ion Ratio Lower Upper
 119 100
 91 69.9 36.8 110.4
 134 26.3 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 55.014 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN081262.D
 Acq: 29 Feb 2024 12:04

Tgt Ion:105 Resp: 768005
 Ion Ratio Lower Upper
 105 100
 120 43.0 20.9 62.7

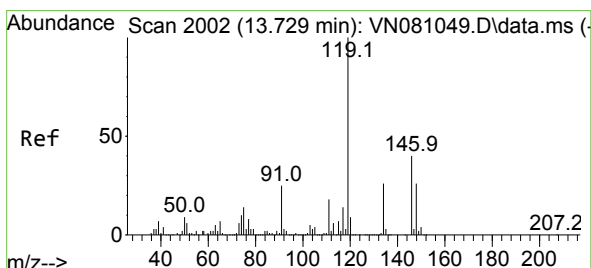
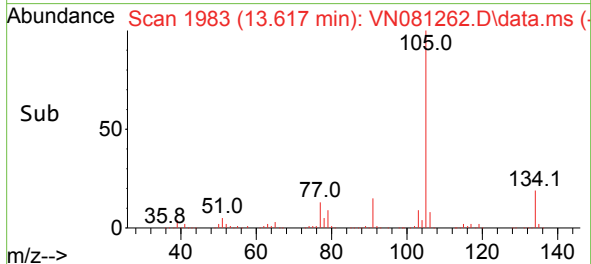
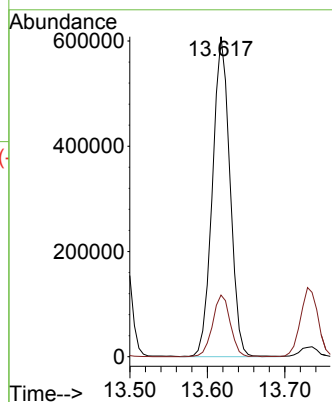
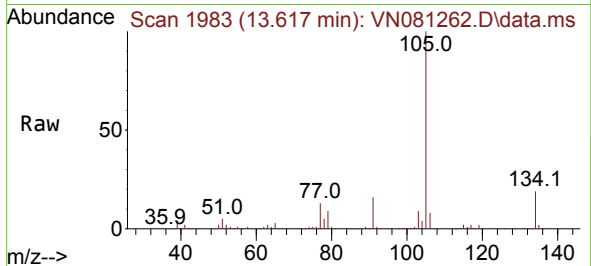




#85
 sec-Butylbenzene
 Concen: 56.694 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081262.D
 Acq: 29 Feb 2024 12:04

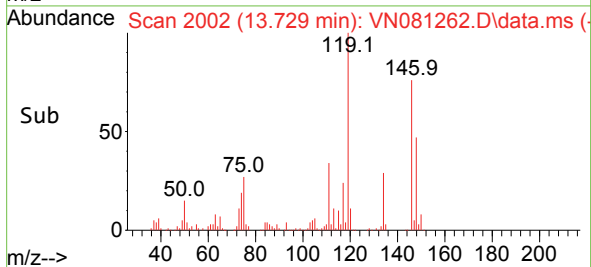
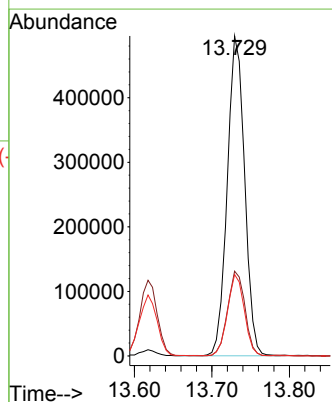
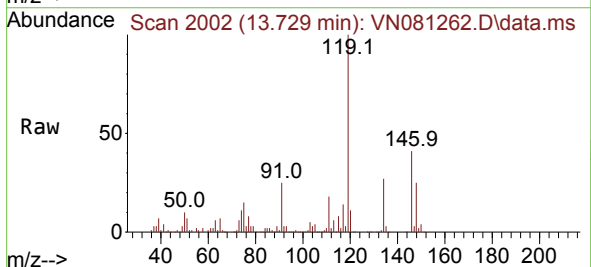
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

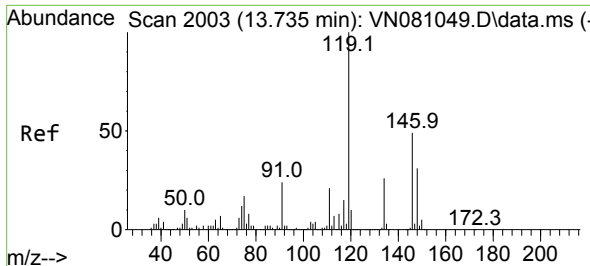
Tgt Ion:105 Resp: 954746
 Ion Ratio Lower Upper
 105 100
 134 19.5 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 55.188 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081262.D
 Acq: 29 Feb 2024 12:04

Tgt Ion:119 Resp: 771960
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.4 37.2
 91 24.7 13.5 40.4

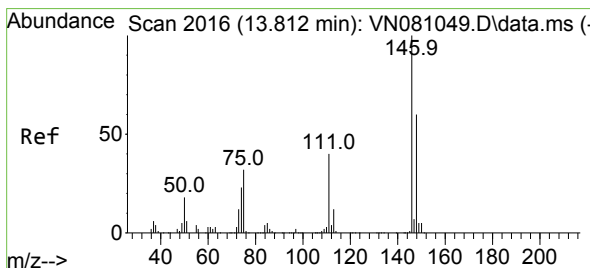
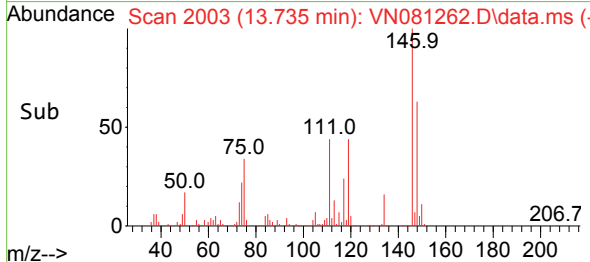
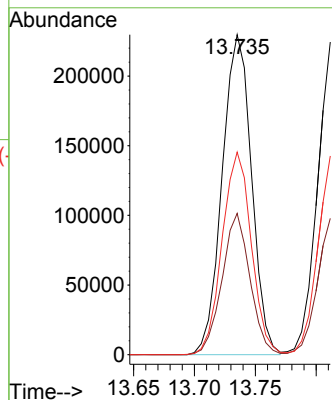
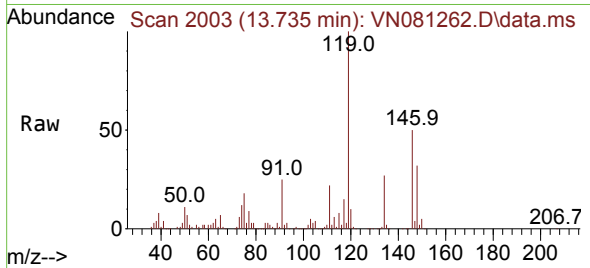




#87
1,3-Dichlorobenzene
Concen: 52.913 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

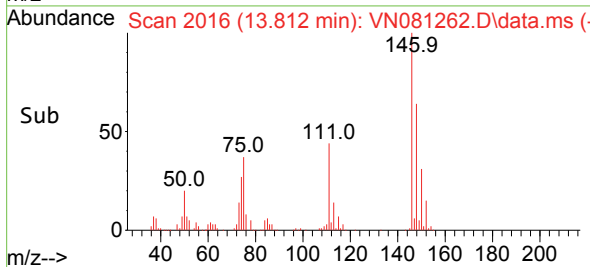
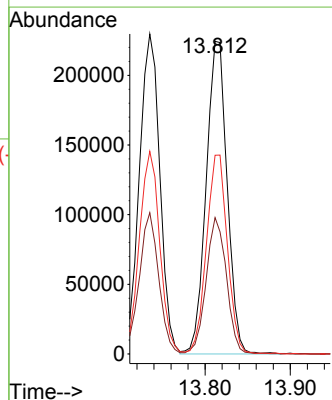
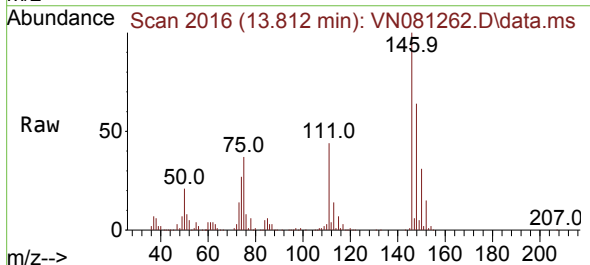
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

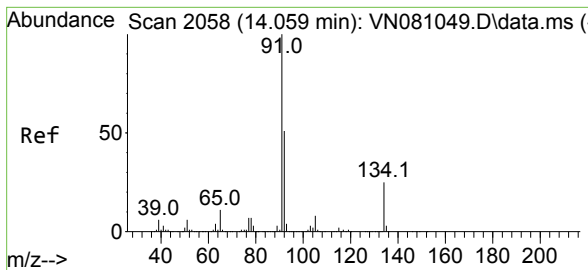
Tgt Ion:146 Resp: 385172
Ion Ratio Lower Upper
146 100
111 42.1 23.9 71.7
148 63.0 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 53.789 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion:146 Resp: 384740
Ion Ratio Lower Upper
146 100
111 42.3 22.6 67.7
148 62.8 31.9 95.5

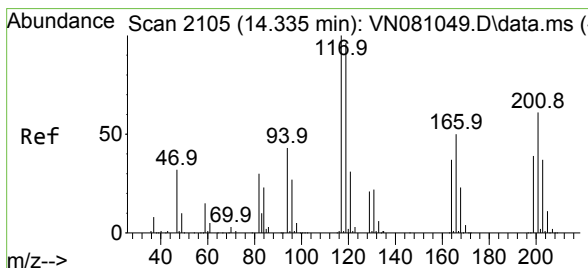
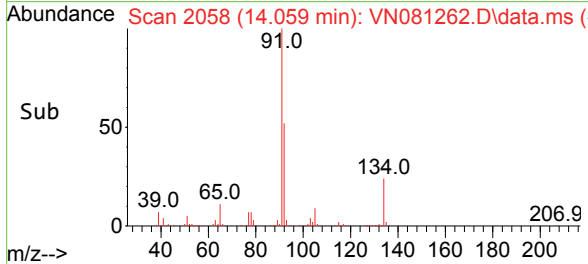
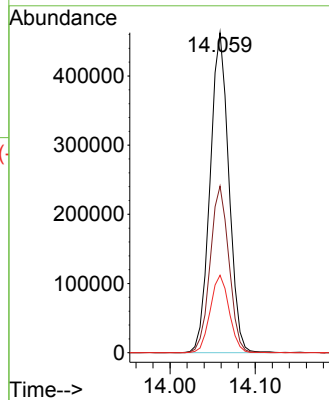
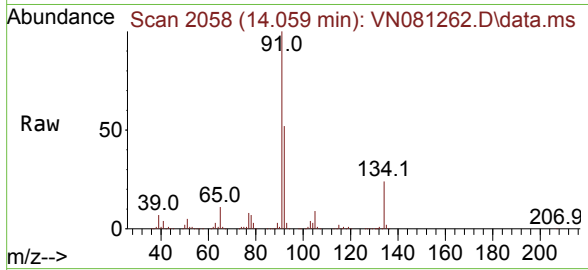




#89
n-Butylbenzene
Concen: 57.985 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

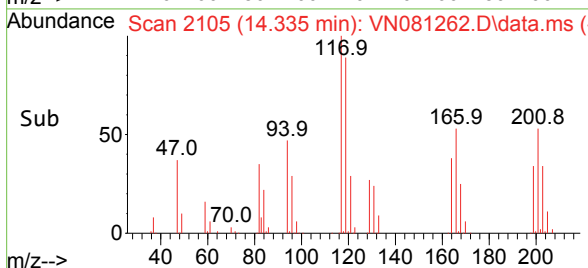
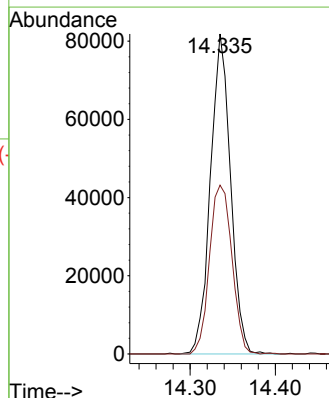
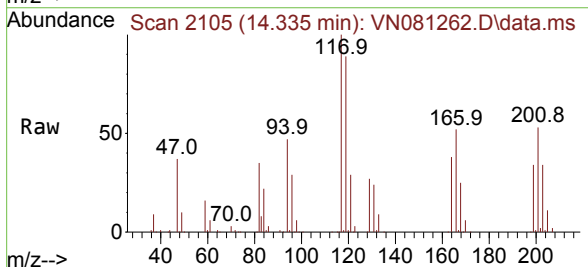
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

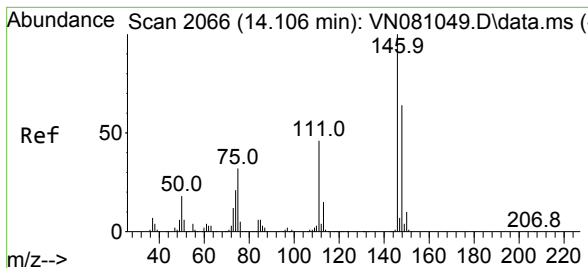
Tgt Ion: 91 Resp: 706618
Ion Ratio Lower Upper
91 100
92 52.1 26.7 80.1
134 24.4 10.8 32.4



#90
Hexachloroethane
Concen: 58.198 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081262.D
Acq: 29 Feb 2024 12:04

Tgt Ion: 117 Resp: 134562
Ion Ratio Lower Upper
117 100
201 58.7 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 54.793 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

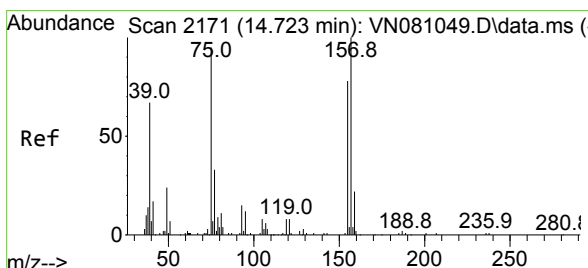
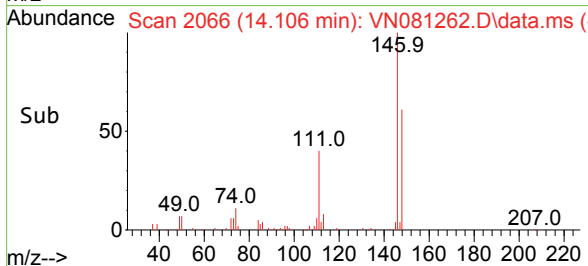
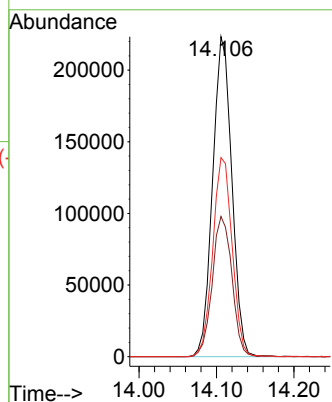
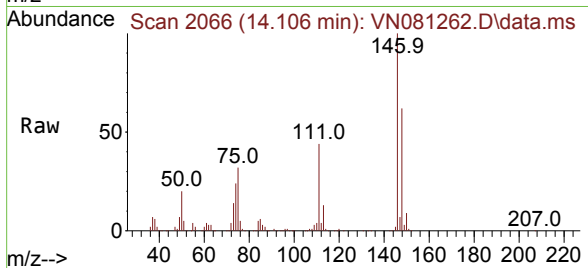
Tgt Ion:146 Resp: 384692

Ion Ratio Lower Upper

146 100

111 44.8 23.9 71.8

148 63.1 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.284 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

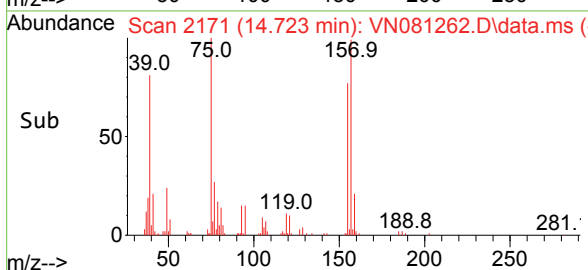
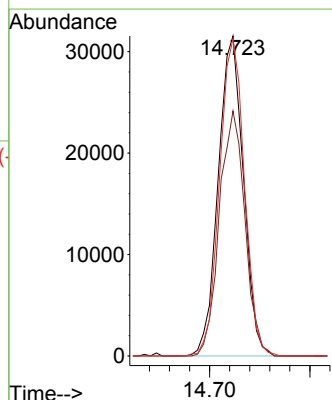
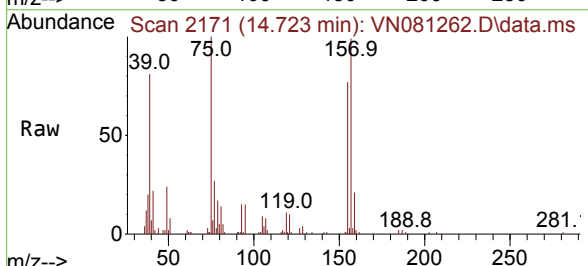
Tgt Ion: 75 Resp: 54835

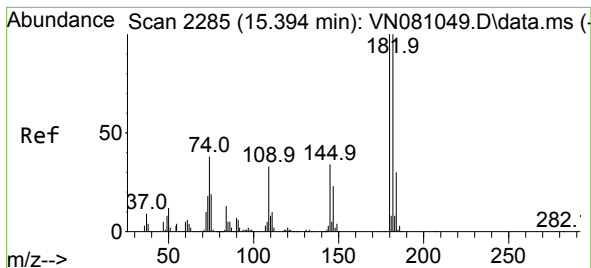
Ion Ratio Lower Upper

75 100

155 77.7 31.8 95.4

157 98.0 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 55.649 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

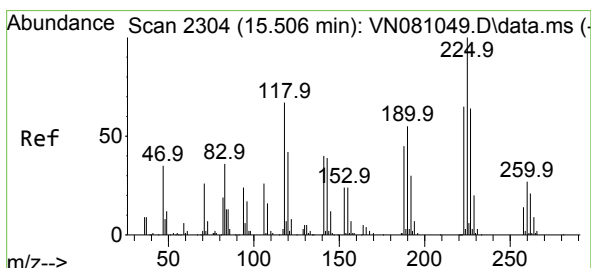
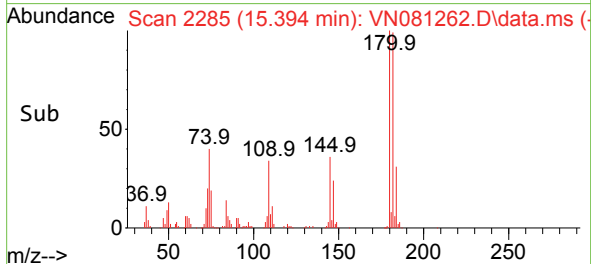
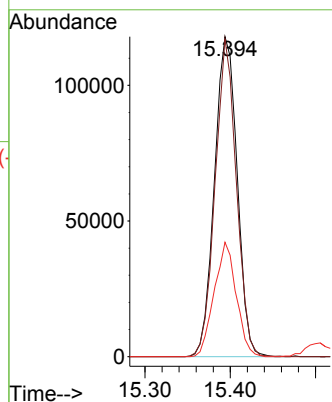
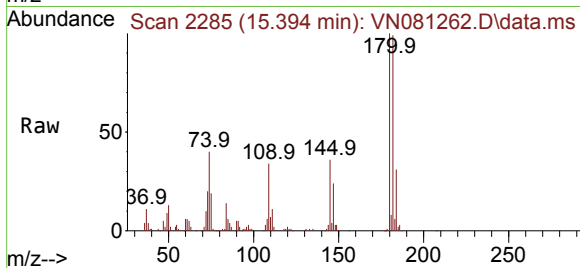
Tgt Ion:180 Resp: 217969

Ion Ratio Lower Upper

180 100

182 93.1 46.6 139.7

145 34.9 16.8 50.3



#94

Hexachlorobutadiene

Concen: 56.936 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

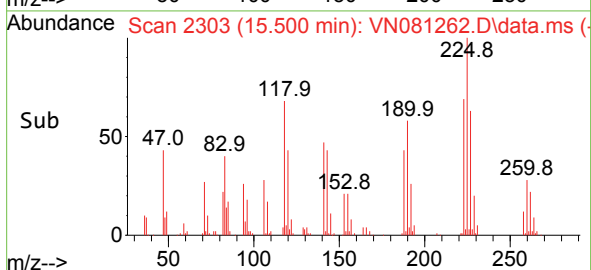
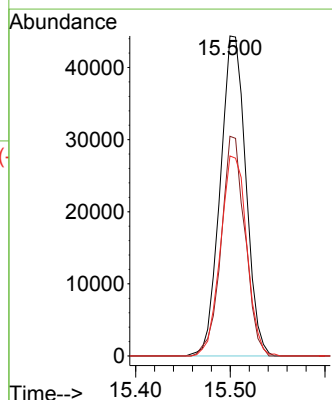
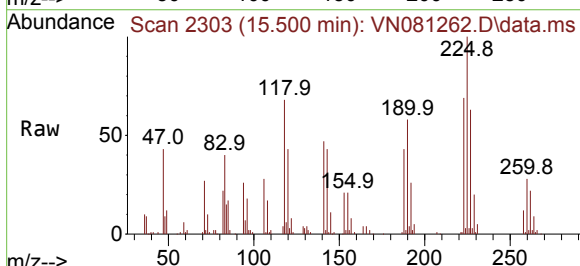
Tgt Ion:225 Resp: 83172

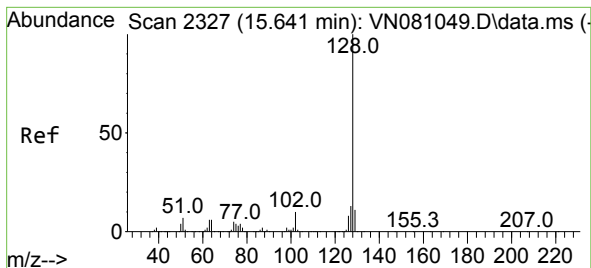
Ion Ratio Lower Upper

225 100

223 64.0 33.3 99.8

227 64.1 33.1 99.2





#95

Naphthalene

Concen: 53.780 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

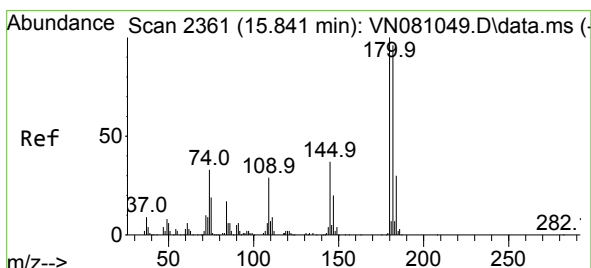
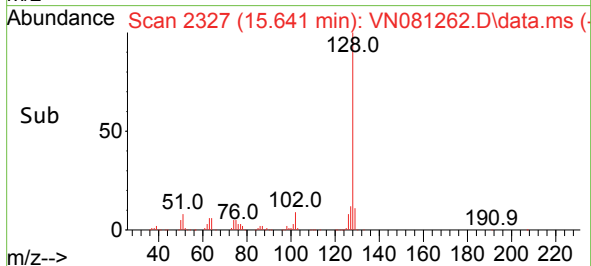
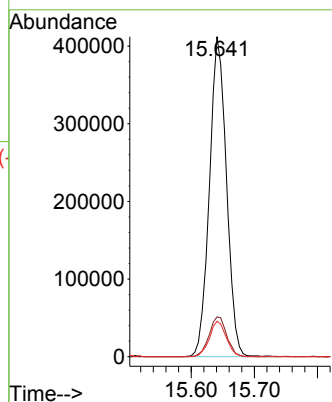
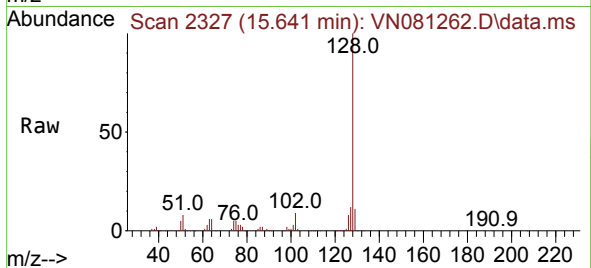
Tgt Ion:128 Resp: 771925

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 54.838 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081262.D

Acq: 29 Feb 2024 12:04

Tgt Ion:180 Resp: 213081

Ion Ratio Lower Upper

180 100

182 96.8 46.5 139.3

145 36.6 17.8 53.4

