

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022024\
 Data File : VN081087.D
 Acq On : 20 Feb 2024 10:21
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Feb 21 00:16:47 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	382321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	708389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	623303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	282758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	244579	52.192	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.380%			
35) Dibromofluoromethane	8.165	113	211438	52.784	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.560%			
50) Toluene-d8	10.565	98	690717	48.549	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.100%			
62) 4-Bromofluorobenzene	12.847	95	260557	48.739	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	253922	51.356	ug/l	99
3) Chloromethane	2.360	50	241823	44.697	ug/l	97
4) Vinyl Chloride	2.518	62	260145	47.368	ug/l	95
5) Bromomethane	2.959	94	185363	47.520	ug/l	94
6) Chloroethane	3.124	64	172787	48.636	ug/l	99
7) Trichlorofluoromethane	3.501	101	388270	48.393	ug/l	95
8) Diethyl Ether	3.959	74	156241	53.263	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	215447	48.169	ug/l	91
10) Methyl Iodide	4.595	142	298105	59.710	ug/l	92
11) Tert butyl alcohol	5.524	59	206174	239.234	ug/l #	87
12) 1,1-Dichloroethene	4.342	96	210820	48.761	ug/l	89
13) Acrolein	4.177	56	163131	353.166	ug/l	98
14) Allyl chloride	5.024	41	358022	55.809	ug/l	96
15) Acrylonitrile	5.718	53	559970	248.791	ug/l	98
16) Acetone	4.430	43	346309	187.812	ug/l	99
17) Carbon Disulfide	4.712	76	563037	46.689	ug/l #	95
18) Methyl Acetate	5.018	43	253041	56.255	ug/l	92
19) Methyl tert-butyl Ether	5.789	73	802043	54.162	ug/l	98
20) Methylene Chloride	5.271	84	256532	53.850	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	240957	49.952	ug/l	90
22) Diisopropyl ether	6.665	45	798566	54.876	ug/l	97
23) Vinyl Acetate	6.600	43	3147256	266.562	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	445831	52.985	ug/l	96
25) 2-Butanone	7.483	43	663148	222.616	ug/l	93
26) 2,2-Dichloropropane	7.489	77	396875	50.338	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	284935	50.840	ug/l	88
28) Bromochloromethane	7.812	49	187056	53.623	ug/l #	64
29) Tetrahydrofuran	7.836	42	467253	234.972	ug/l #	87
30) Chloroform	7.971	83	474049	52.995	ug/l	99
31) Cyclohexane	8.259	56	359470	44.425	ug/l #	81
32) 1,1,1-Trichloroethane	8.165	97	410692	50.413	ug/l	91
36) 1,1-Dichloropropene	8.371	75	329147	47.962	ug/l	95
37) Ethyl Acetate	7.559	43	300289	48.484	ug/l	99
38) Carbon Tetrachloride	8.359	117	347777	50.089	ug/l	95
39) Methylcyclohexane	9.600	83	384883	48.111	ug/l #	87
40) Benzene	8.606	78	1031866	51.947	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	167837	47.614	ug/l	94
42) 1,2-Dichloroethane	8.671	62	366400	52.870	ug/l	98
43) Isopropyl Acetate	8.688	43	607897	56.119	ug/l	98
44) Trichloroethene	9.353	130	253053	47.830	ug/l	99
45) 1,2-Dichloropropane	9.624	63	257939	51.911	ug/l	99
46) Dibromomethane	9.706	93	186765	51.587	ug/l	91
47) Bromodichloromethane	9.888	83	377006	54.983	ug/l #	99
48) Methyl methacrylate	9.683	41	253527	50.299	ug/l	90
49) 1,4-Dioxane	9.706	88	80904	866.949	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	1535003	246.339	ug/l	95
52) Toluene	10.630	92	635752	50.556	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	416591	54.673	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	452282	54.939	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	253563	52.425	ug/l	94
56) Ethyl methacrylate	10.877	69	389730	52.723	ug/l	89
57) 1,3-Dichloropropane	11.165	76	439688	52.575	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	954141	257.255	ug/l #	87
59) 2-Hexanone	11.194	43	1082915	219.207	ug/l	94
60) Dibromochloromethane	11.359	129	277477	54.003	ug/l	99
61) 1,2-Dibromoethane	11.471	107	266111	52.321	ug/l	100
64) Tetrachloroethene	11.106	164	204859	48.156	ug/l	88
65) Chlorobenzene	11.888	112	674711	50.015	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	256057	52.846	ug/l	96
67) Ethyl Benzene	11.965	91	1210555	50.148	ug/l	100
68) m/p-Xylenes	12.071	106	932971	100.833	ug/l	94
69) o-Xylene	12.394	106	457055	49.833	ug/l	95
70) Styrene	12.412	104	759500	52.258	ug/l	97
71) Bromoform	12.582	173	171056	55.645	ug/l #	95
73) Isopropylbenzene	12.694	105	1159260	46.859	ug/l	98
74) N-amyl acetate	12.494	43	485178	46.403	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	332633	47.816	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	436323	67.916	ug/l	64
77) Bromobenzene	12.982	156	267556	48.504	ug/l	74
78) n-propylbenzene	13.035	91	1365670	47.952	ug/l	95
79) 2-Chlorotoluene	13.124	91	812780	46.528	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	976498	48.682	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	137380	55.041	ug/l	93
82) 4-Chlorotoluene	13.224	91	807949	47.302	ug/l	93
83) tert-Butylbenzene	13.441	119	830878	47.905	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	969842	48.521	ug/l	95
85) sec-Butylbenzene	13.618	105	1166248	48.368	ug/l	94
86) p-Isopropyltoluene	13.729	119	978175	48.841	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	504979	48.450	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	506444	49.451	ug/l	97
89) n-Butylbenzene	14.059	91	872004	49.977	ug/l	97
90) Hexachloroethane	14.335	117	167959	50.735	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	490024	48.747	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	68328	47.242	ug/l	76
93) 1,2,4-Trichlorobenzene	15.394	180	289652	51.648	ug/l	96
94) Hexachlorobutadiene	15.500	225	104787	50.100	ug/l	95
95) Naphthalene	15.641	128	1049181	51.052	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	289267	51.994	ug/l	98

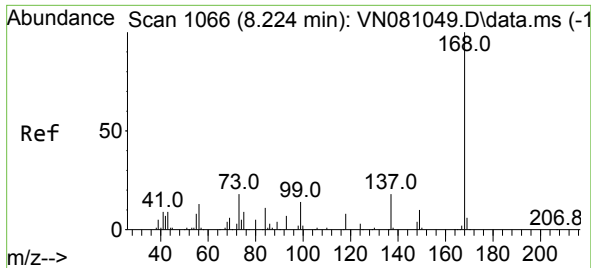
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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

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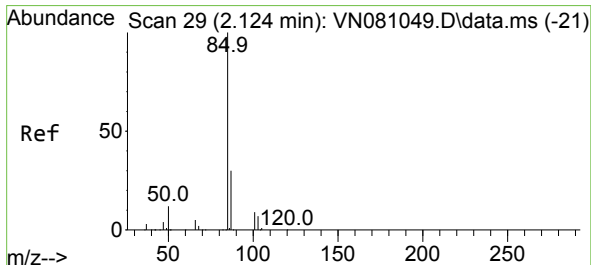
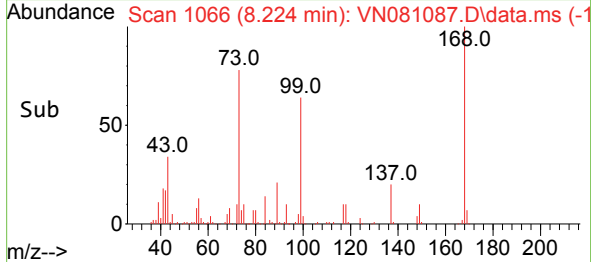
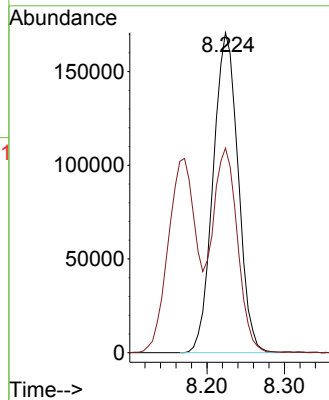
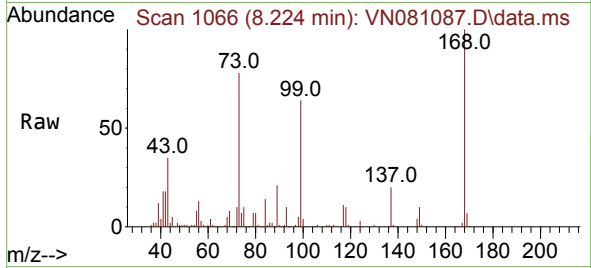
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

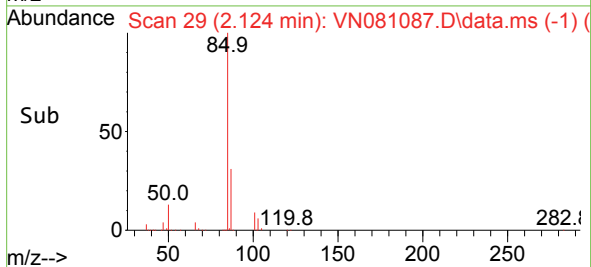
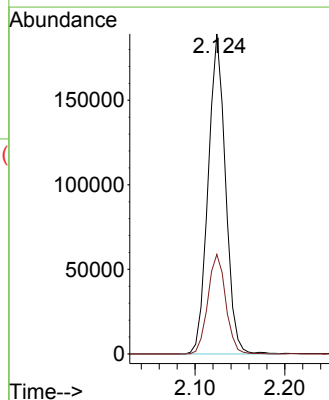
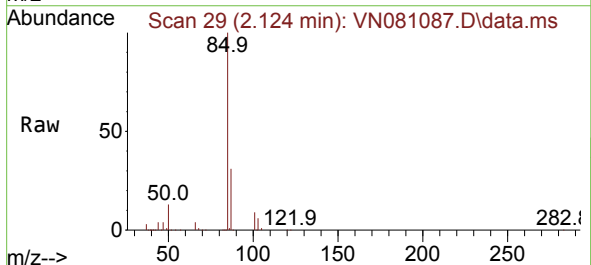
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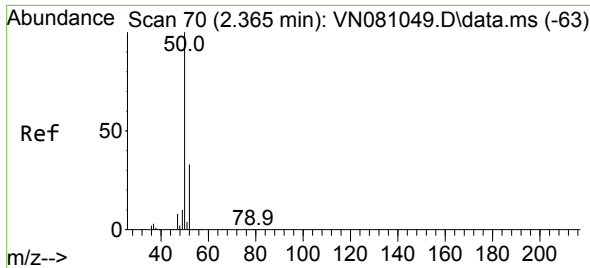
Tgt Ion:168 Resp: 382321
Ion Ratio Lower Upper
168 100
99 63.8 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 51.356 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 85 Resp: 253922
Ion Ratio Lower Upper
85 100
87 31.1 15.3 45.9

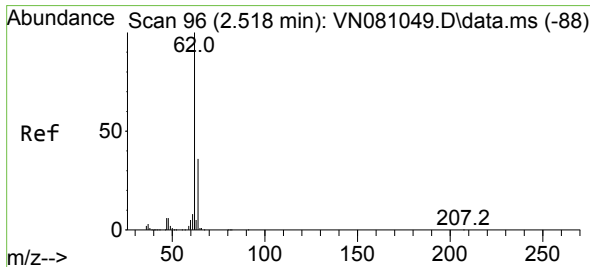
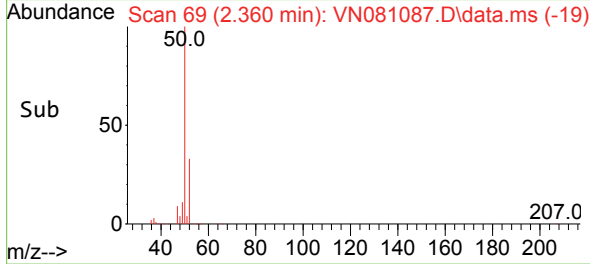
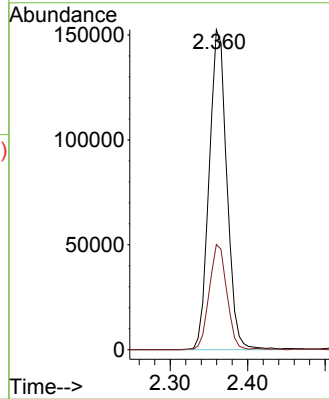
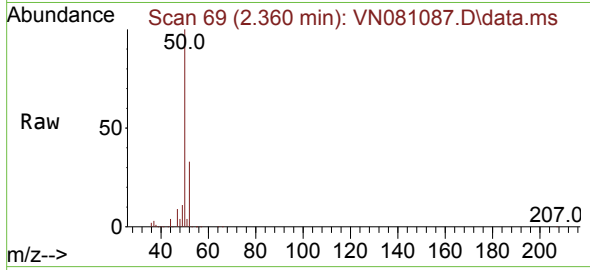




#3
Chloromethane
Concen: 44.697 ug/l
RT: 2.360 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

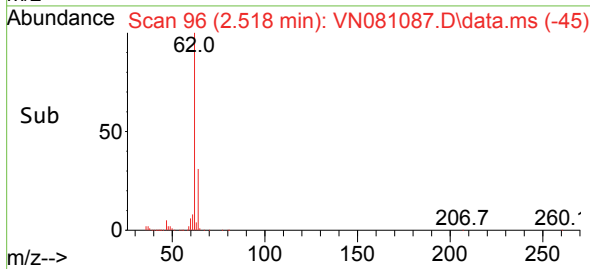
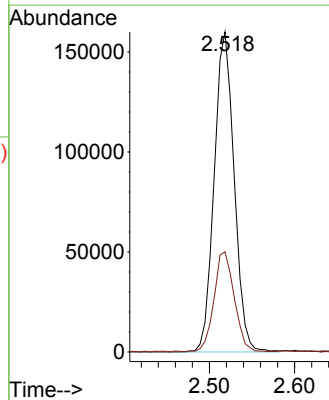
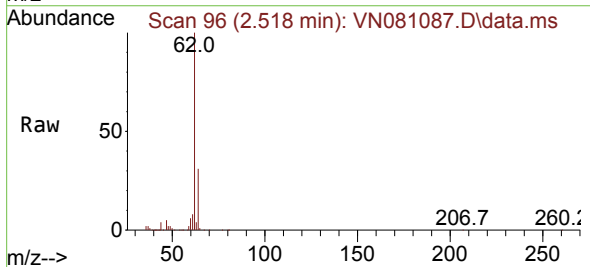
Instrument :
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ClientSampleId :
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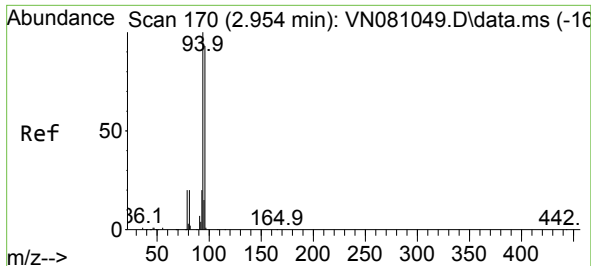
Tgt Ion: 50 Resp: 241823
Ion Ratio Lower Upper
50 100
52 32.9 25.0 37.4



#4
Vinyl Chloride
Concen: 47.368 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 62 Resp: 260145
Ion Ratio Lower Upper
62 100
64 31.1 22.7 34.1

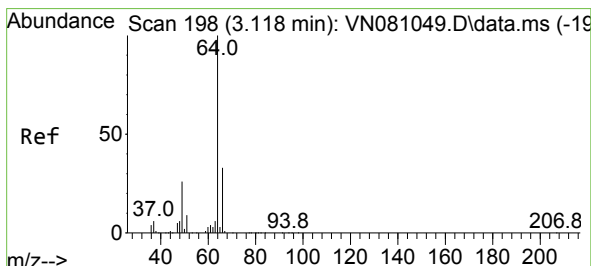
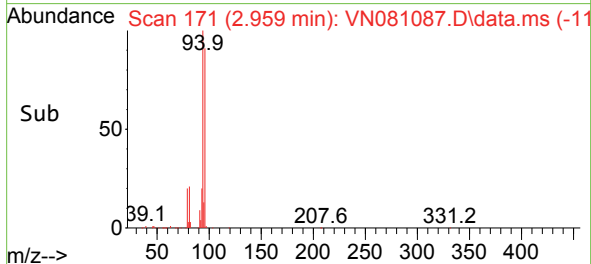
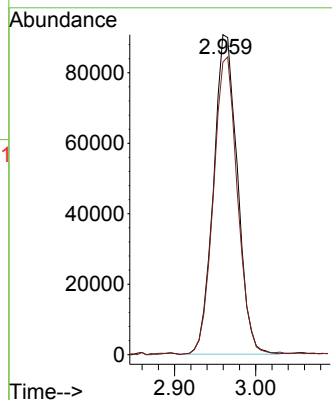
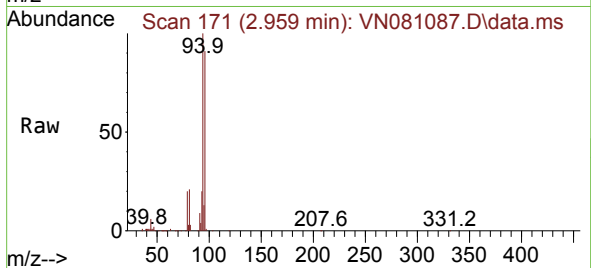




#5
Bromomethane
Concen: 47.520 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

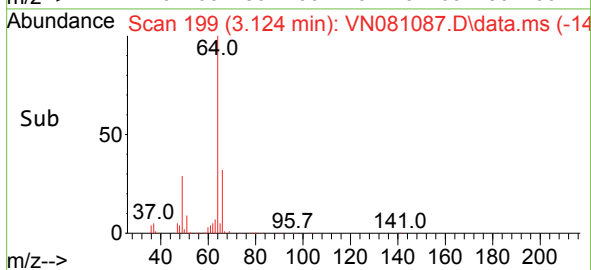
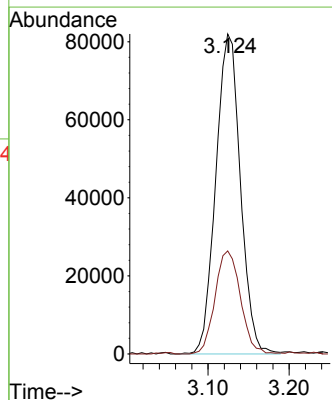
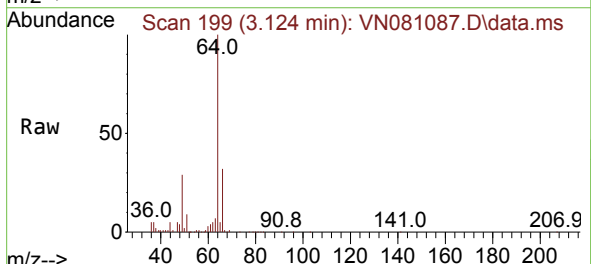
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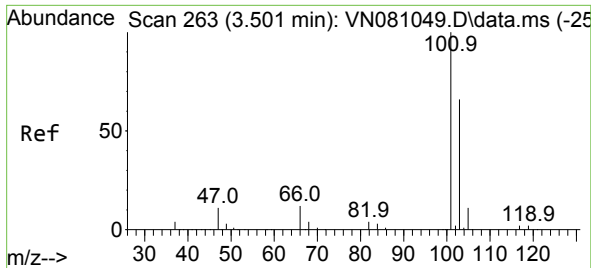
Tgt Ion: 94 Resp: 185363
Ion Ratio Lower Upper
94 100
96 91.6 69.2 103.8



#6
Chloroethane
Concen: 48.636 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 64 Resp: 172787
Ion Ratio Lower Upper
64 100
66 32.2 26.4 39.6

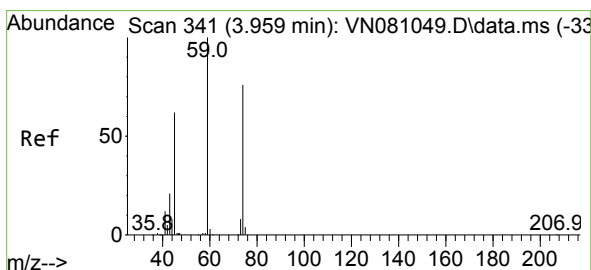
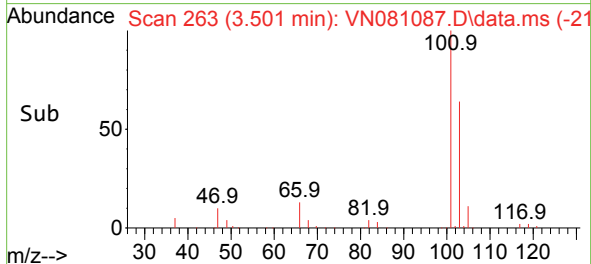
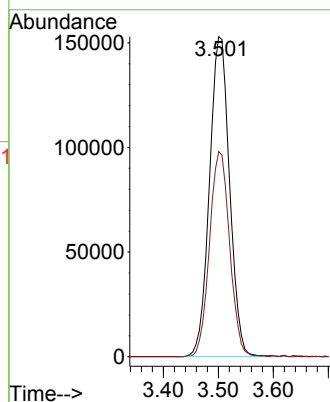
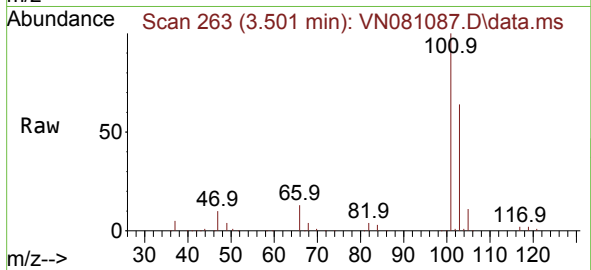




#7
Trichlorofluoromethane
Concen: 48.393 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

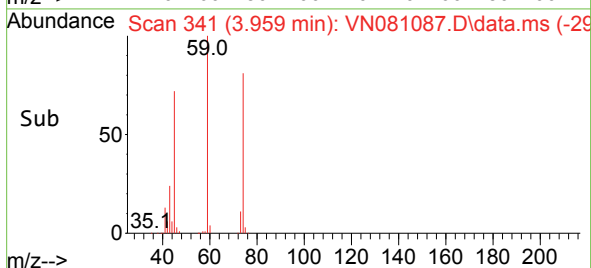
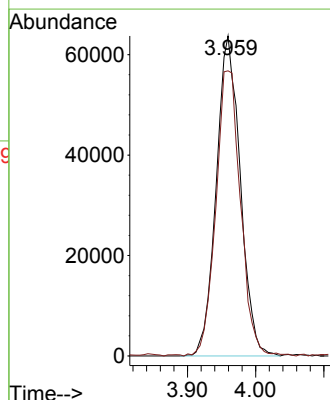
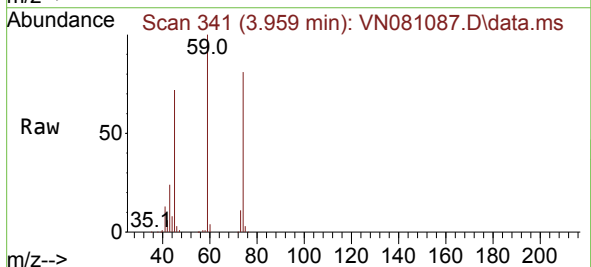
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

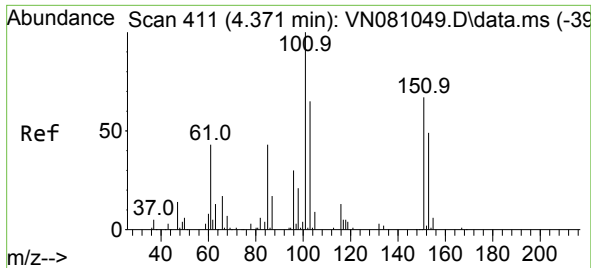
Tgt Ion:101 Resp: 388270
Ion Ratio Lower Upper
101 100
103 64.1 54.4 81.6



#8
Diethyl Ether
Concen: 53.263 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 74 Resp: 156241
Ion Ratio Lower Upper
74 100
45 91.8 53.3 159.9

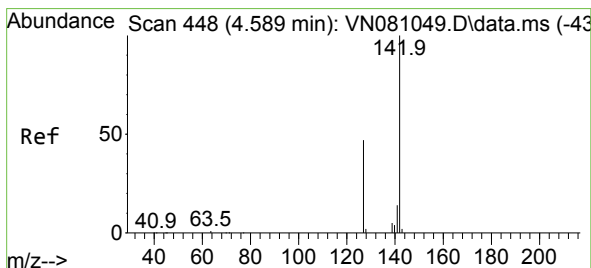
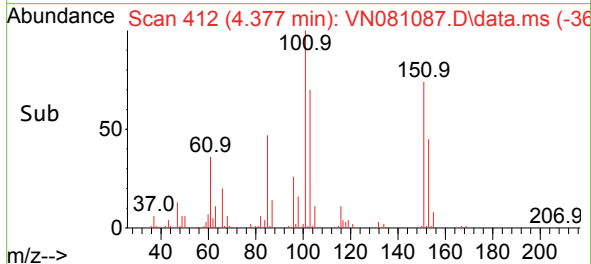
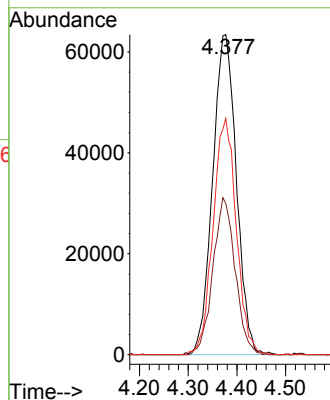
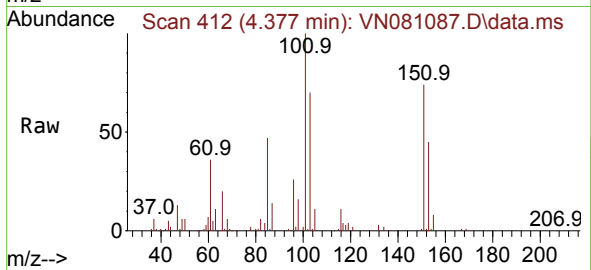




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.169 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

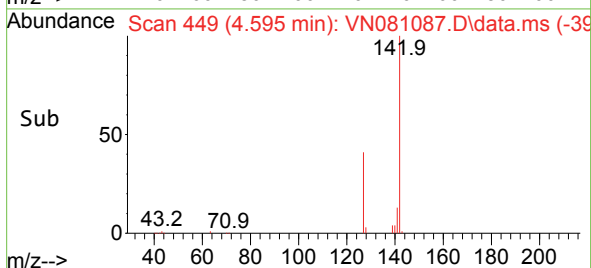
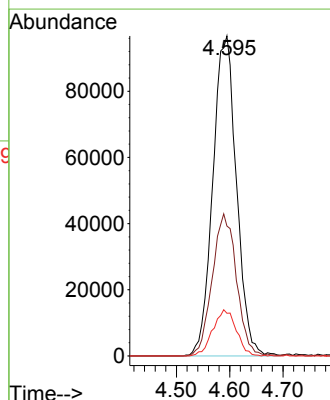
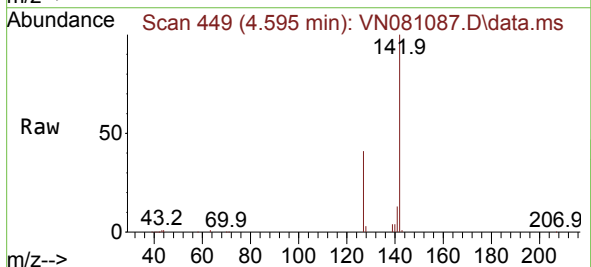
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

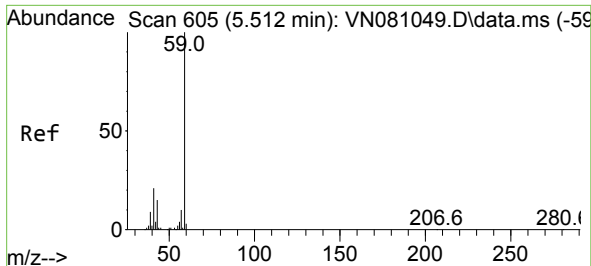
Tgt Ion:101 Resp: 215447
Ion Ratio Lower Upper
101 100
85 45.9 38.1 57.1
151 72.1 49.1 73.7



#10
Methyl Iodide
Concen: 59.710 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion:142 Resp: 298105
Ion Ratio Lower Upper
142 100
127 40.6 37.0 55.4
141 13.3 12.5 18.7

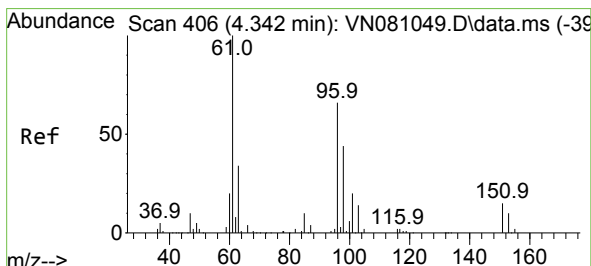
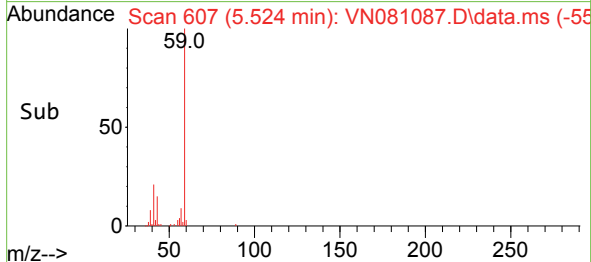
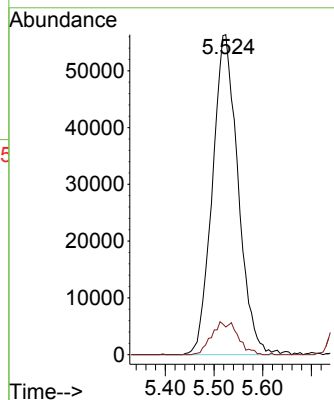
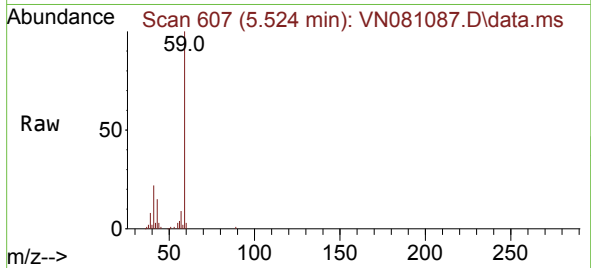




#11
Tert butyl alcohol
Concen: 239.234 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

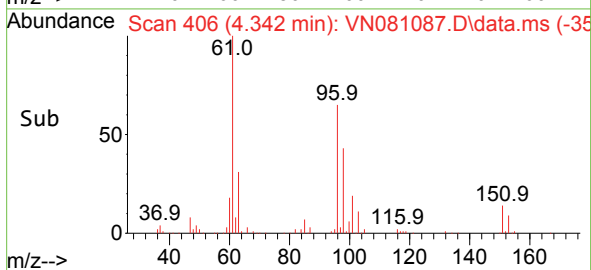
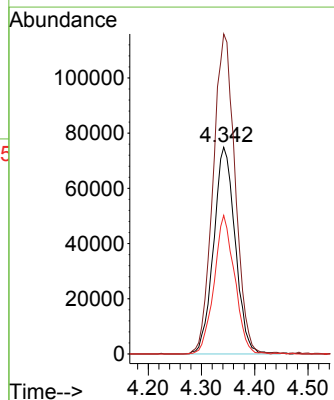
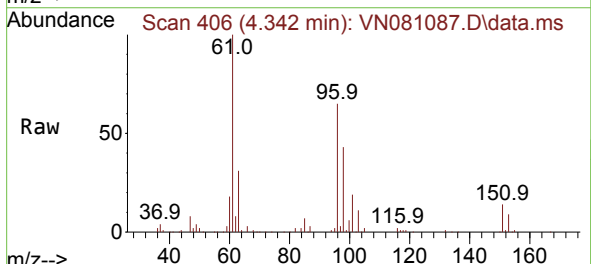
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

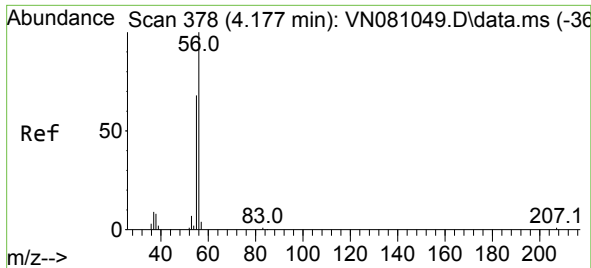
Tgt Ion: 59 Resp: 206174
Ion Ratio Lower Upper
59 100
57 5.9 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 48.761 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 96 Resp: 210820
Ion Ratio Lower Upper
96 100
61 154.8 138.2 207.4
98 67.0 49.2 73.8

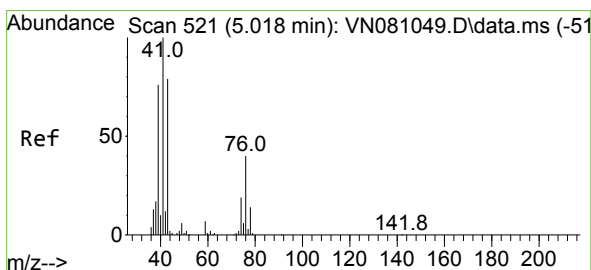
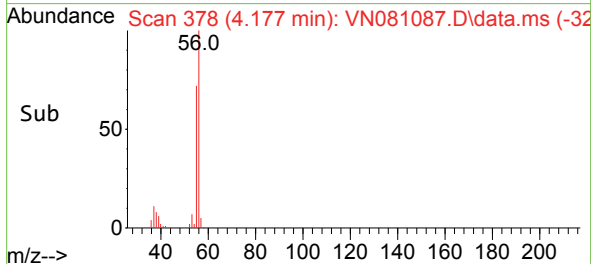
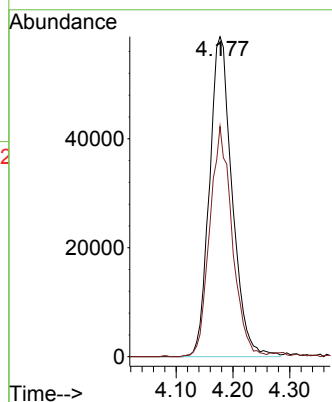
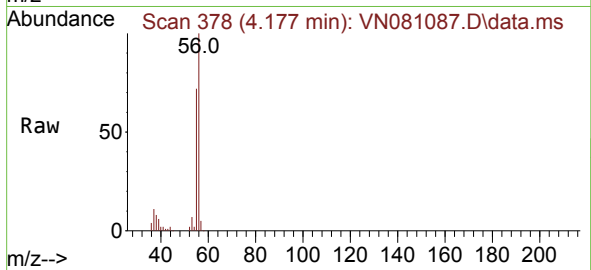




#13
Acrolein
Concen: 353.166 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

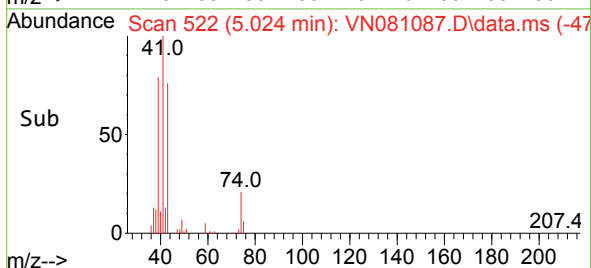
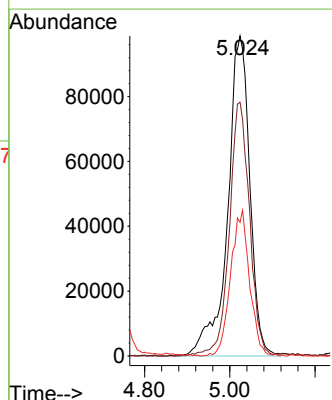
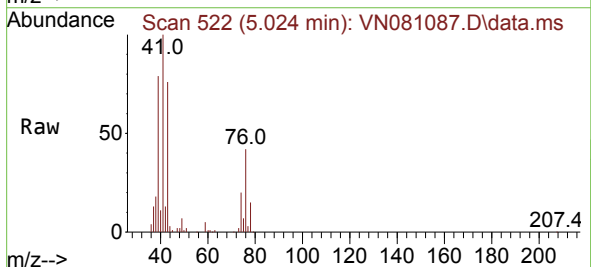
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

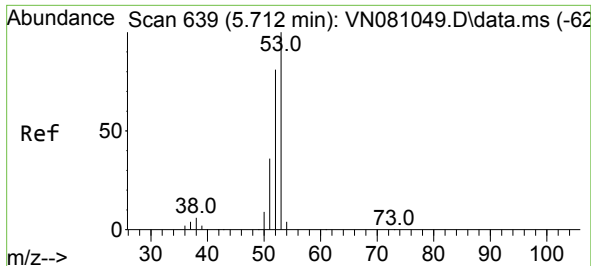
Tgt Ion: 56 Resp: 163131
Ion Ratio Lower Upper
56 100
55 70.9 55.3 82.9



#14
Allyl chloride
Concen: 55.809 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 41 Resp: 358022
Ion Ratio Lower Upper
41 100
39 71.1 57.7 86.5
76 38.8 26.8 40.2

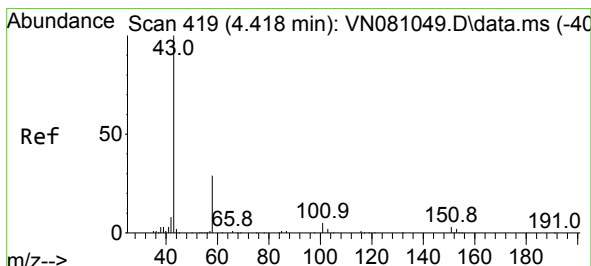
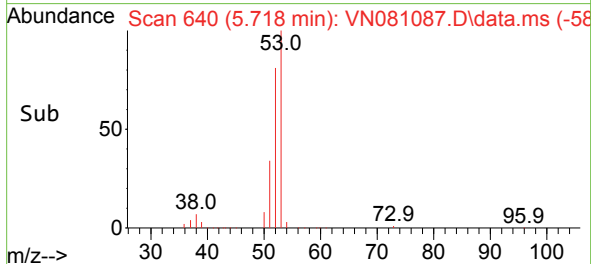
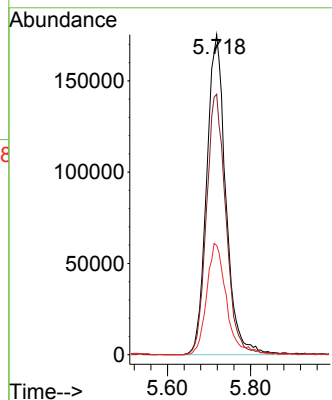
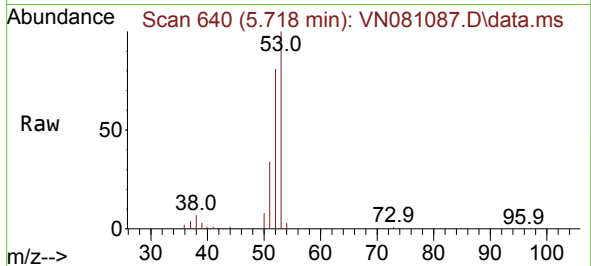




#15
Acrylonitrile
Concen: 248.791 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

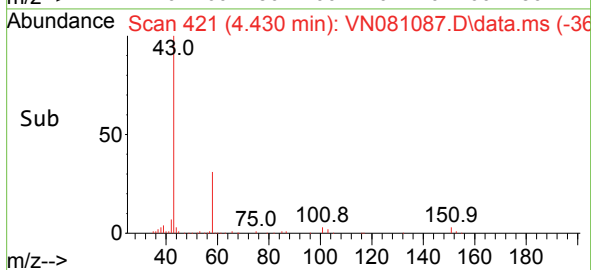
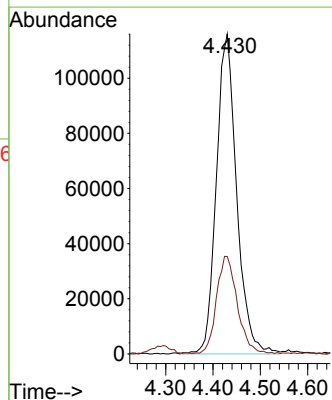
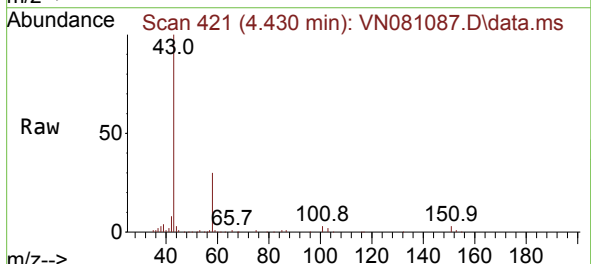
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

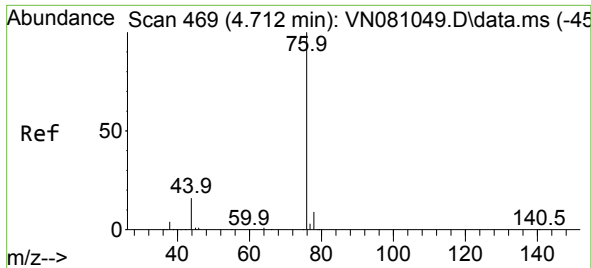
Tgt Ion: 53 Resp: 559970
Ion Ratio Lower Upper
53 100
52 82.5 64.8 97.2
51 36.1 26.9 40.3



#16
Acetone
Concen: 187.812 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 43 Resp: 346309
Ion Ratio Lower Upper
43 100
58 30.3 24.8 37.2

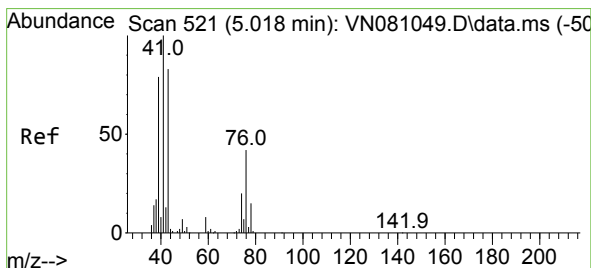
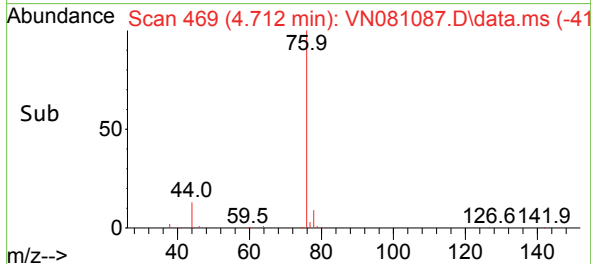
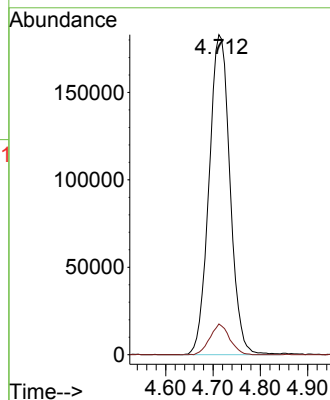
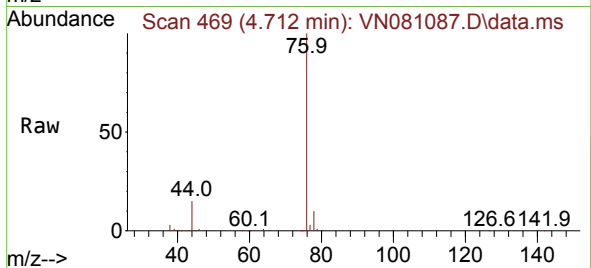




#17
Carbon Disulfide
Concen: 46.689 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

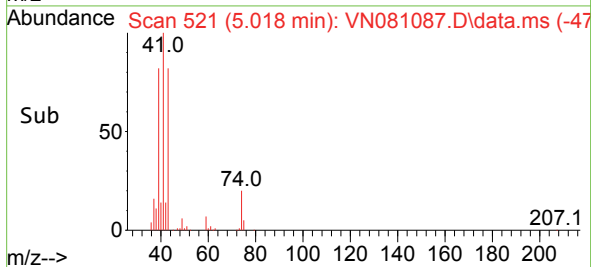
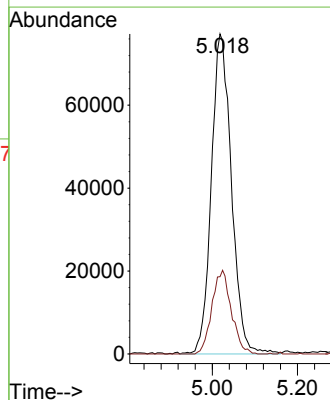
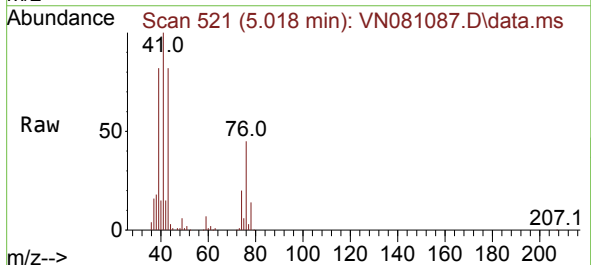
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

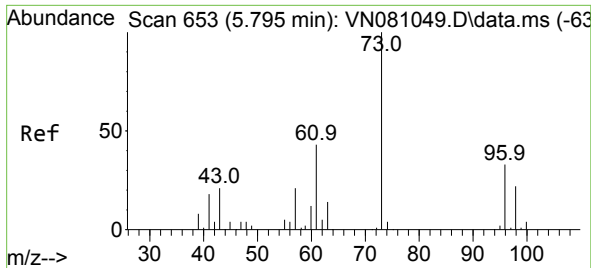
Tgt Ion: 76 Resp: 563037
Ion Ratio Lower Upper
76 100
78 9.6 6.3 9.5#



#18
Methyl Acetate
Concen: 56.255 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 43 Resp: 253041
Ion Ratio Lower Upper
43 100
74 25.2 17.3 25.9

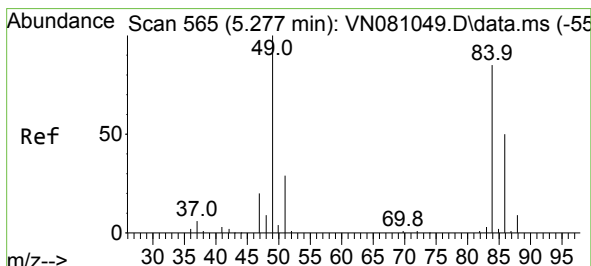
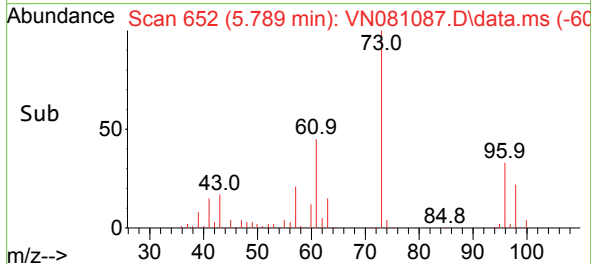
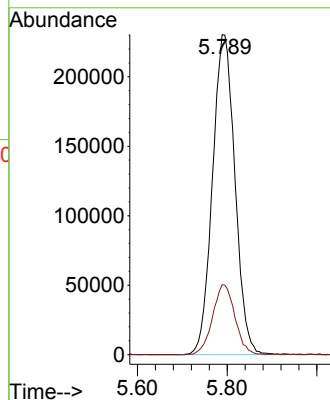
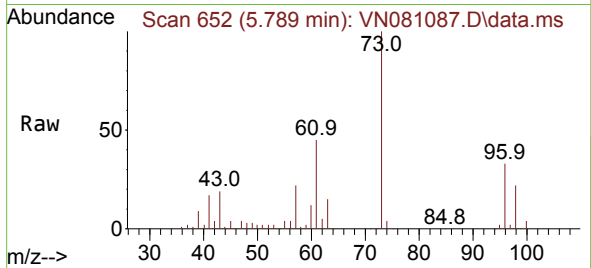




#19
Methyl tert-butyl Ether
Concen: 54.162 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

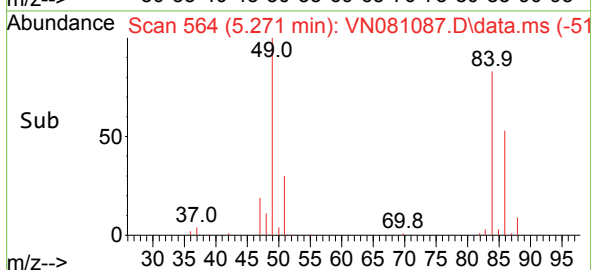
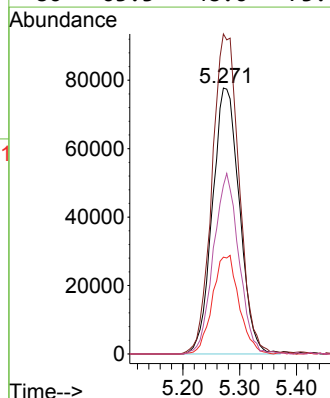
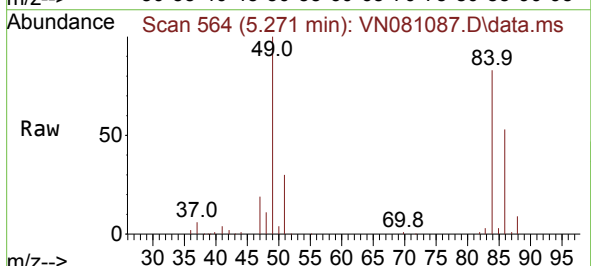
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

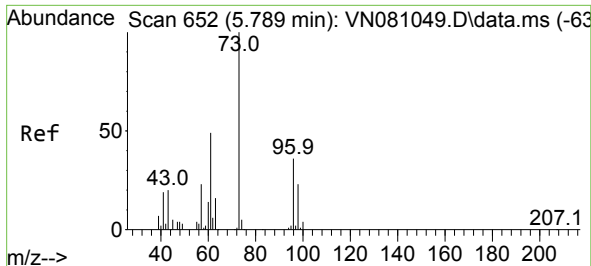
Tgt Ion: 73 Resp: 802043
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.4



#20
Methylene Chloride
Concen: 53.850 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 84 Resp: 256532
Ion Ratio Lower Upper
84 100
49 120.4 108.1 162.1
51 36.4 32.9 49.3
86 63.3 48.6 73.0

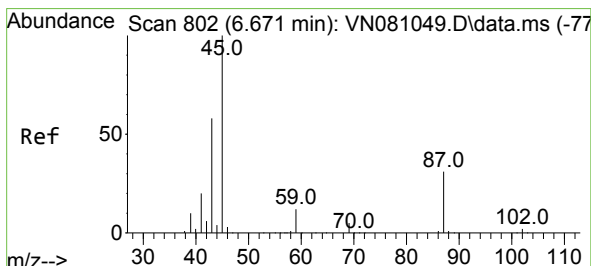
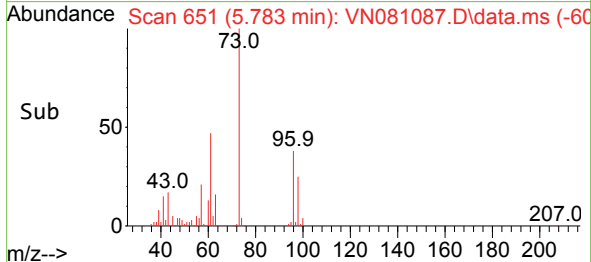
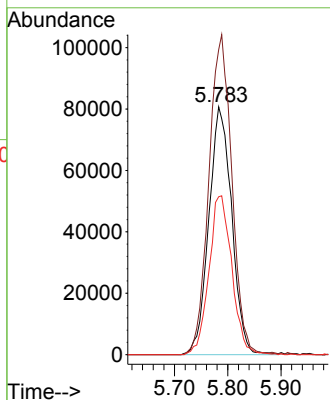
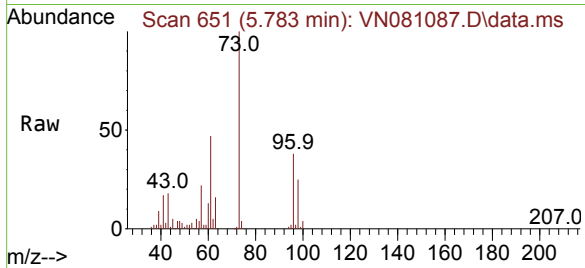




#21
trans-1,2-Dichloroethene
Concen: 49.952 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

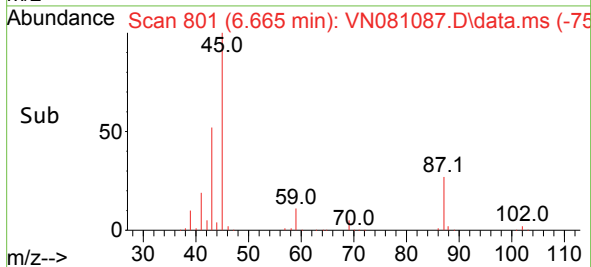
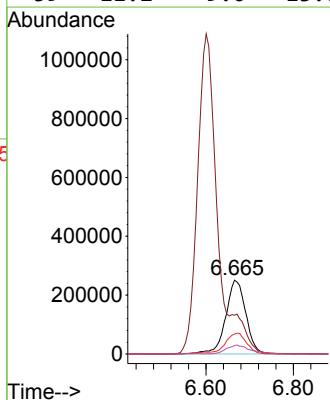
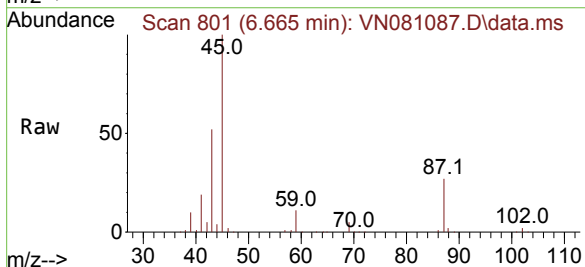
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

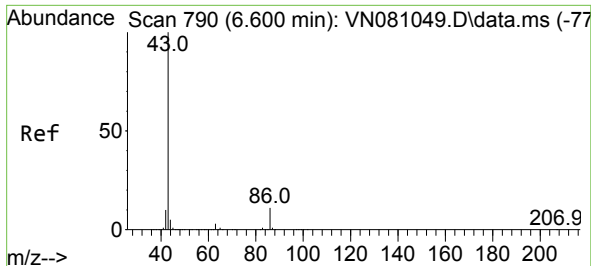
Tgt Ion: 96 Resp: 240957
Ion Ratio Lower Upper
96 100
61 123.0 112.8 169.2
98 63.7 51.0 76.4



#22
Diisopropyl ether
Concen: 54.876 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 45 Resp: 798566
Ion Ratio Lower Upper
45 100
43 51.8 41.8 62.8
87 26.8 18.1 27.1
59 11.2 9.0 13.6

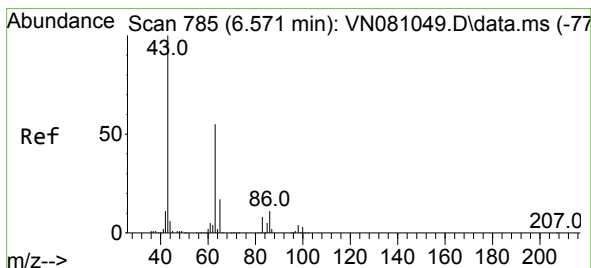
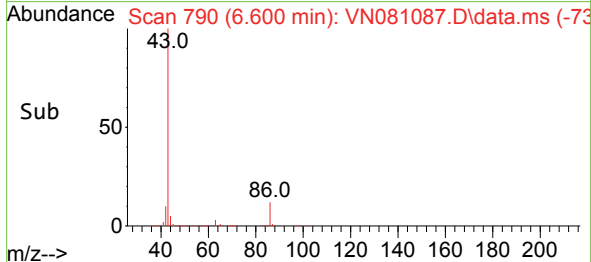
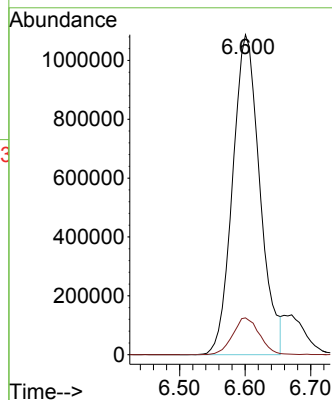
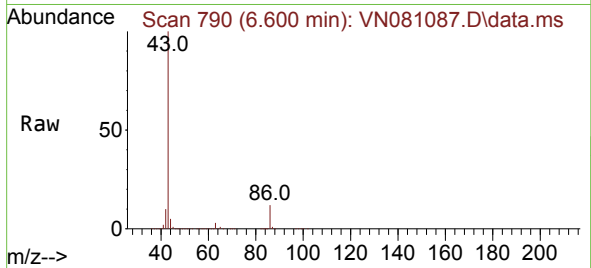




#23
 Vinyl Acetate
 Concen: 266.562 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081087.D
 Acq: 20 Feb 2024 10:21

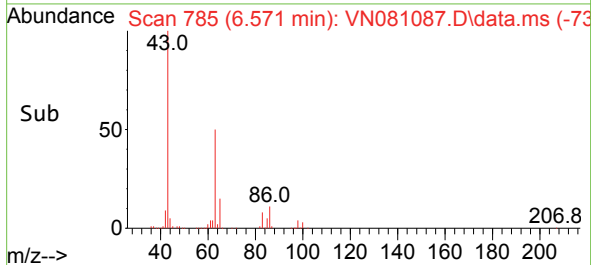
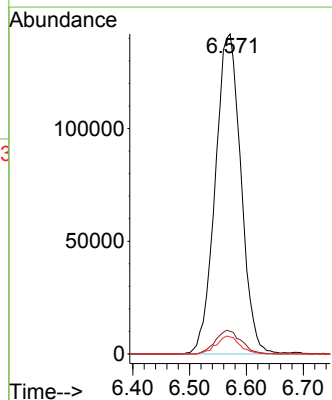
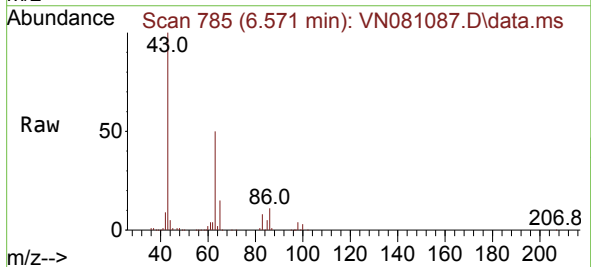
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

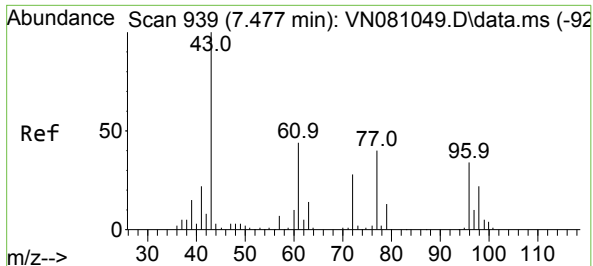
Tgt Ion: 43 Resp: 3147256
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 52.985 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN081087.D
 Acq: 20 Feb 2024 10:21

Tgt Ion: 63 Resp: 445831
 Ion Ratio Lower Upper
 63 100
 98 7.1 2.9 8.6
 100 5.3 1.9 5.7

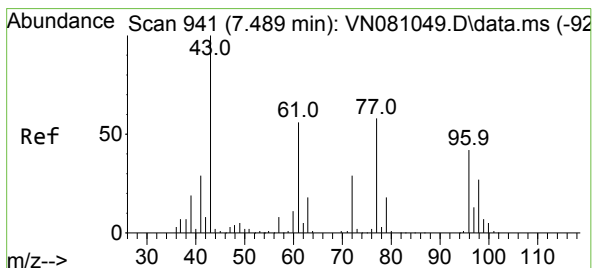
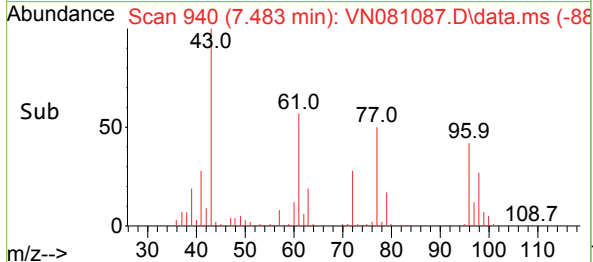
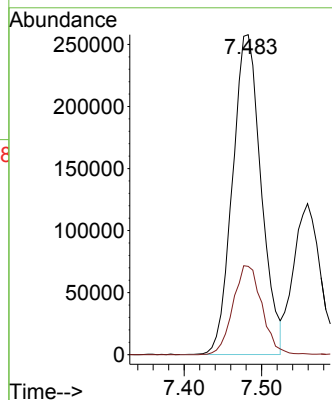
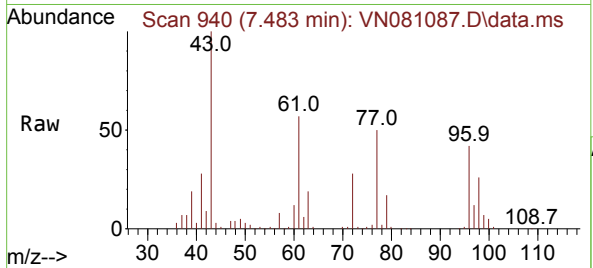




#25
2-Butanone
Concen: 222.616 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

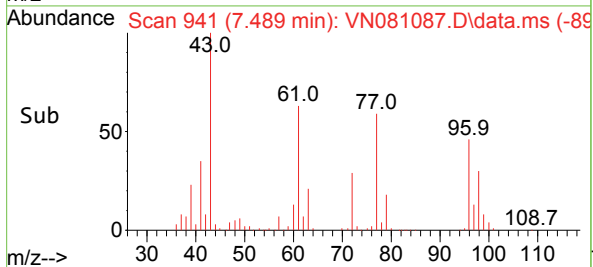
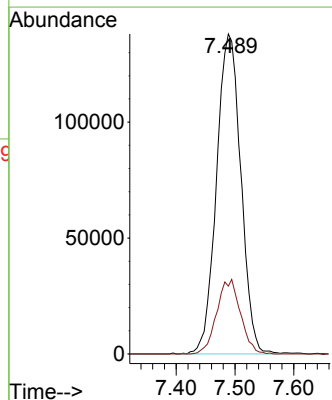
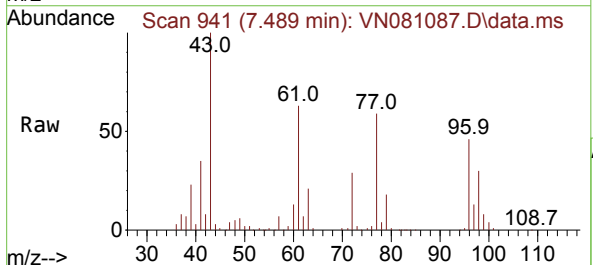
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

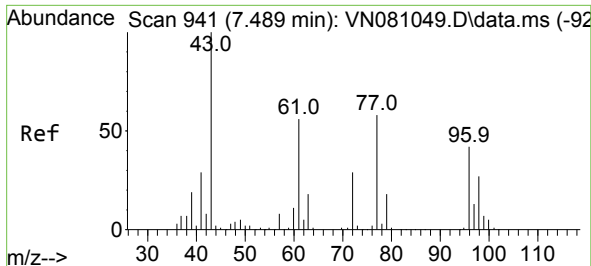
Tgt Ion: 43 Resp: 663148
Ion Ratio Lower Upper
43 100
72 27.6 19.5 29.3



#26
2,2-Dichloropropane
Concen: 50.338 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

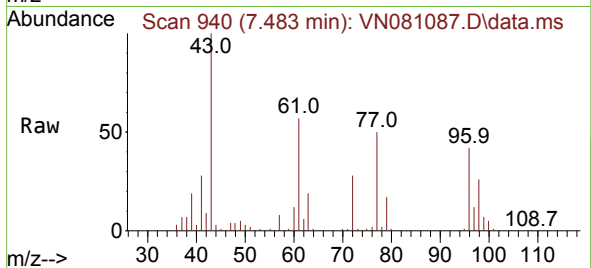
Tgt Ion: 77 Resp: 396875
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5



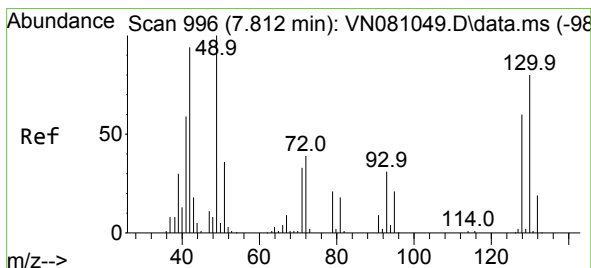
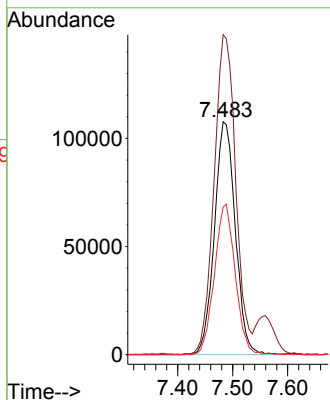
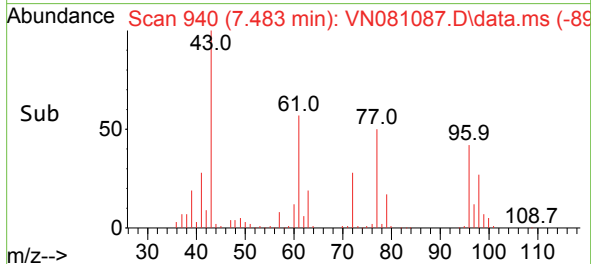


#27
cis-1,2-Dichloroethene
Concen: 50.840 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

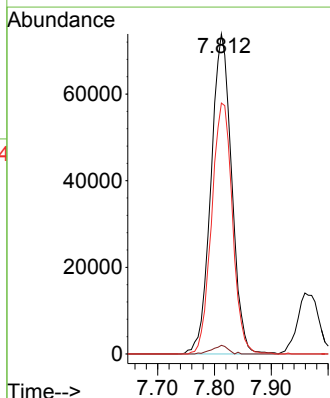
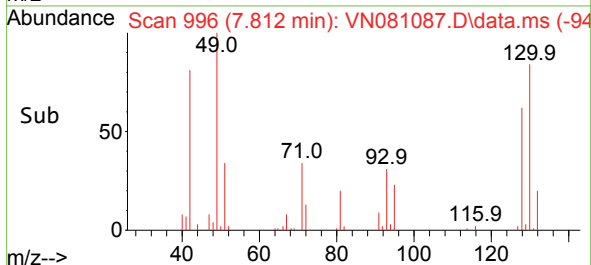
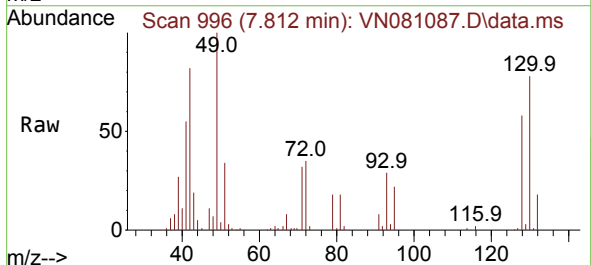


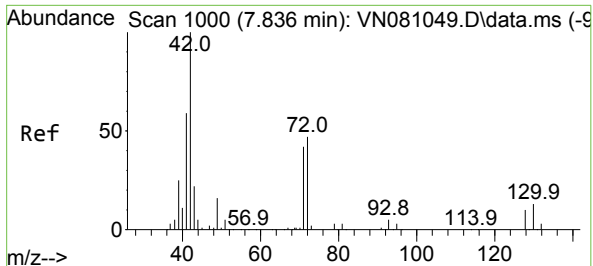
Tgt Ion: 96 Resp: 284935
Ion Ratio Lower Upper
96 100
61 141.7 0.0 325.4
98 63.9 0.0 130.4



#28
Bromochloromethane
Concen: 53.623 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 49 Resp: 187056
Ion Ratio Lower Upper
49 100
129 2.1 0.0 1.6#
130 78.5 42.3 63.5#





#29

Tetrahydrofuran

Concen: 234.972 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

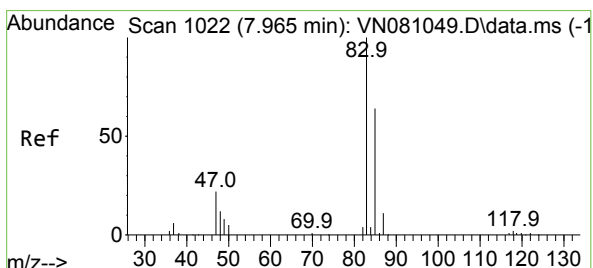
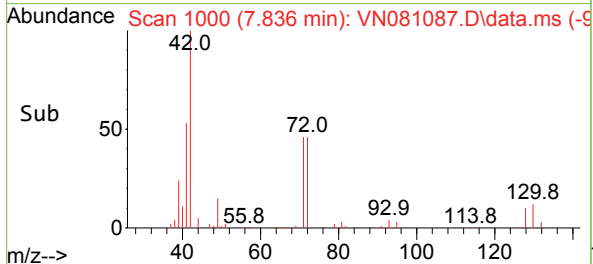
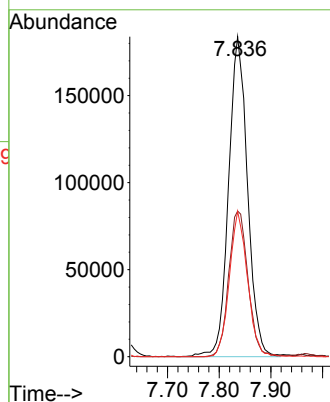
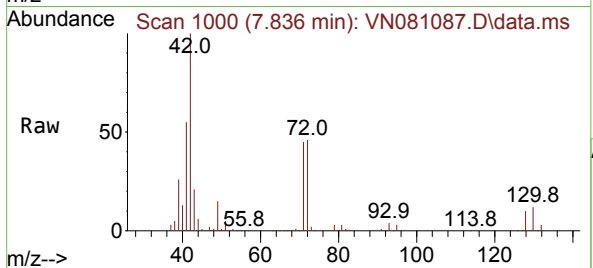
Tgt Ion: 42 Resp: 467253

Ion Ratio Lower Upper

42 100

72 46.3 31.1 46.7

71 43.5 28.3 42.5#



#30

Chloroform

Concen: 52.995 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN081087.D

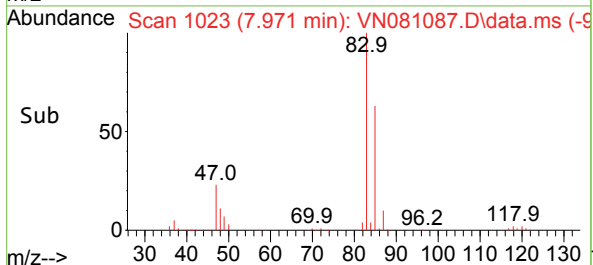
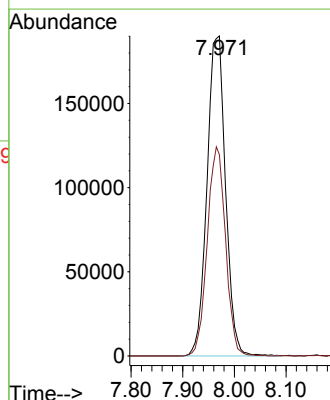
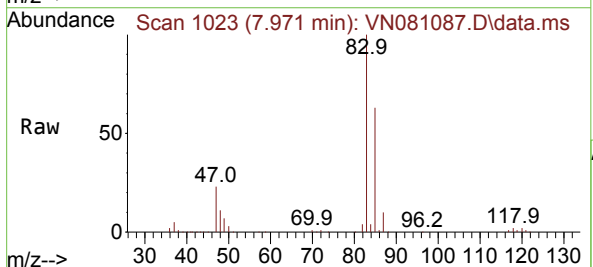
Acq: 20 Feb 2024 10:21

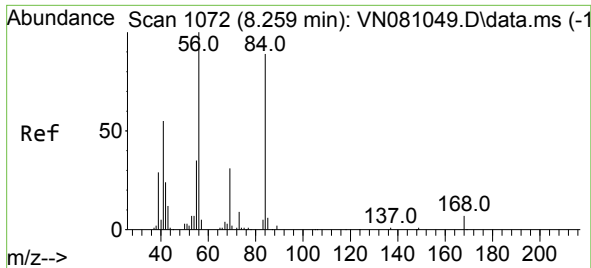
Tgt Ion: 83 Resp: 474049

Ion Ratio Lower Upper

83 100

85 62.9 51.0 76.6

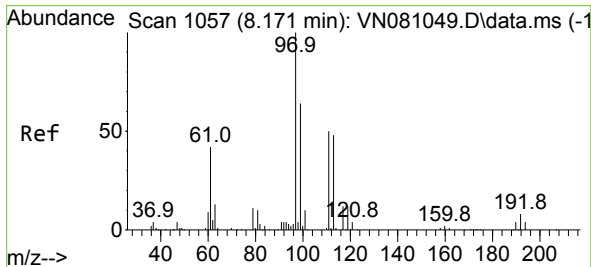
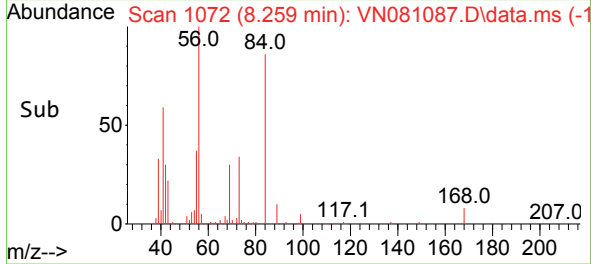
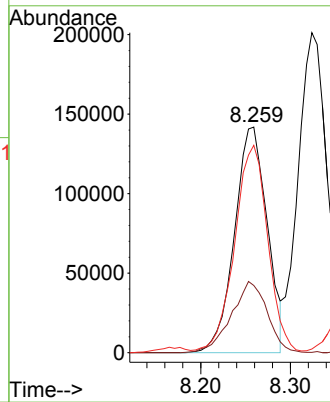
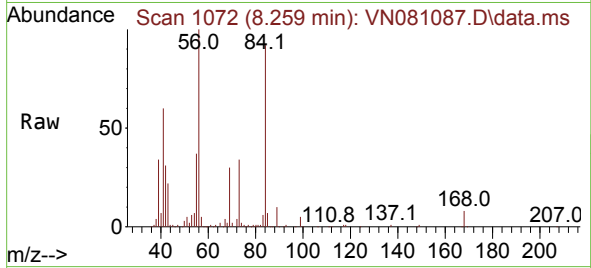




#31
Cyclohexane
Concen: 44.425 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

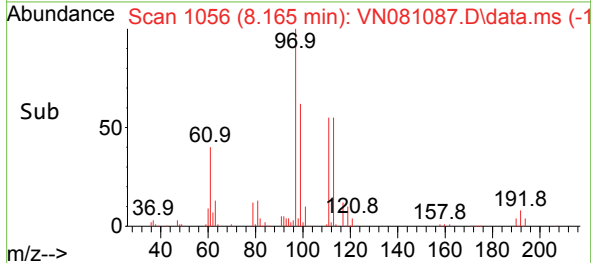
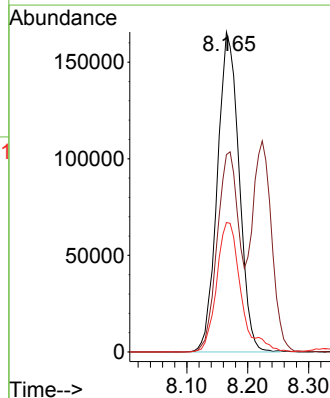
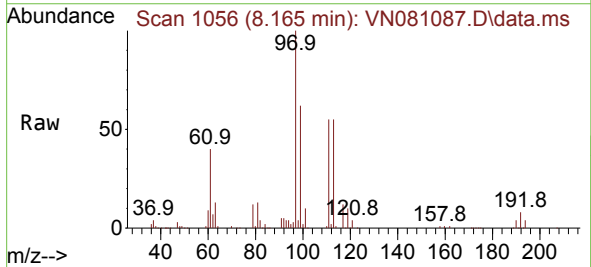
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

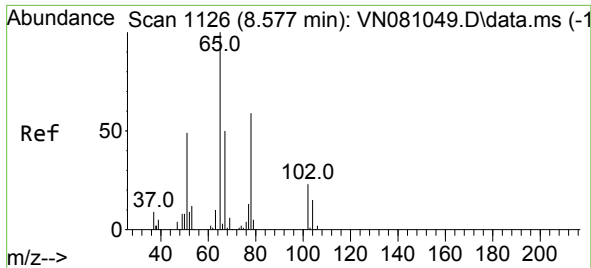
Tgt Ion: 56 Resp: 359470
Ion Ratio Lower Upper
56 100
69 29.8 20.1 30.1
84 89.6 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 50.413 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 97 Resp: 410692
Ion Ratio Lower Upper
97 100
99 63.1 53.4 80.0
61 45.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 52.192 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

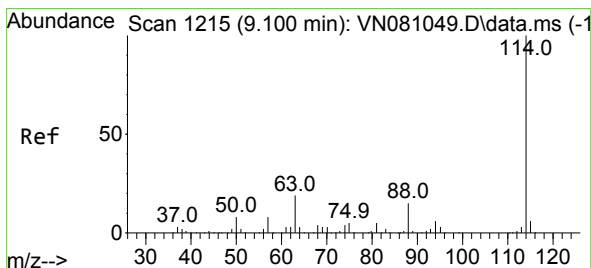
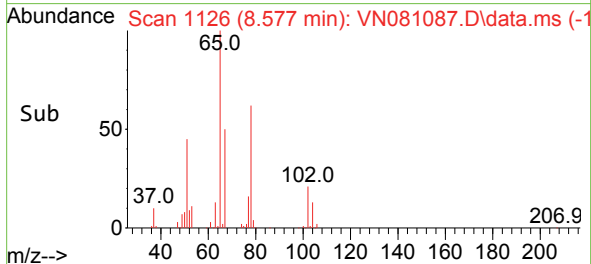
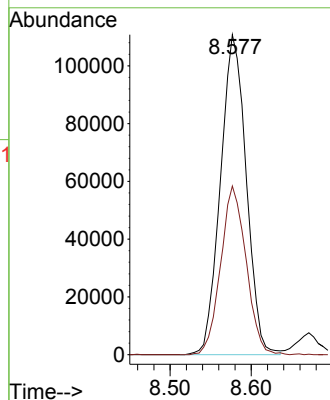
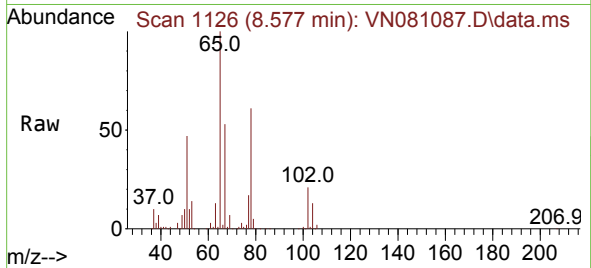
VSTDCCC050

Tgt Ion: 65 Resp: 244579

Ion Ratio Lower Upper

65 100

67 51.9 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: VN081087.D

Acq: 20 Feb 2024 10:21

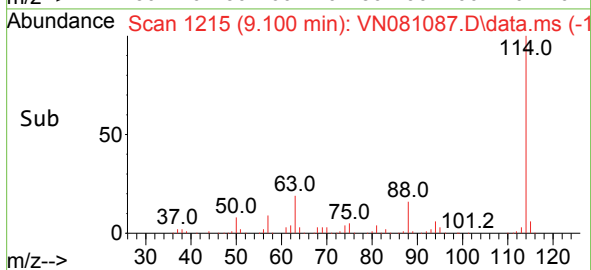
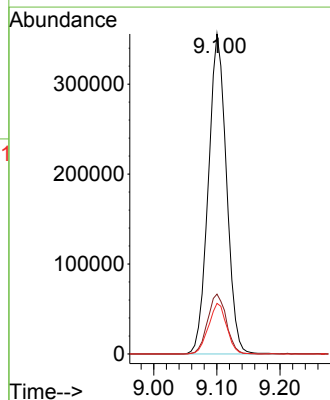
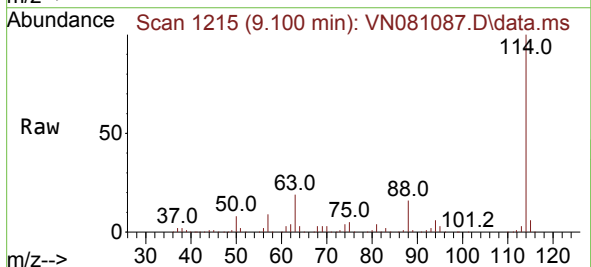
Tgt Ion: 114 Resp: 708389

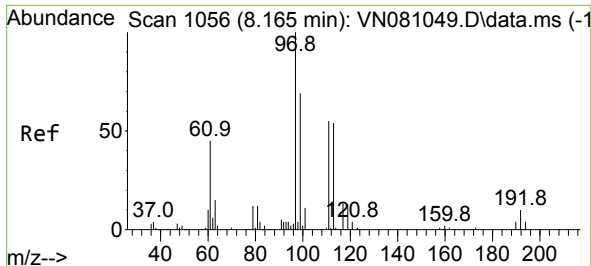
Ion Ratio Lower Upper

114 100

63 18.7 0.0 48.0

88 15.8 0.0 34.8

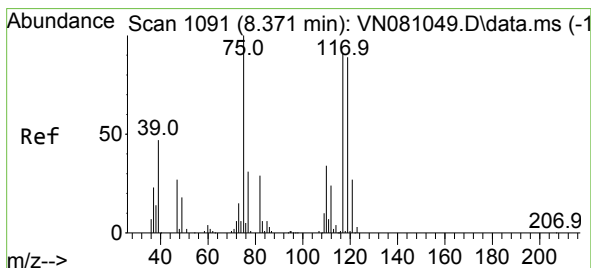
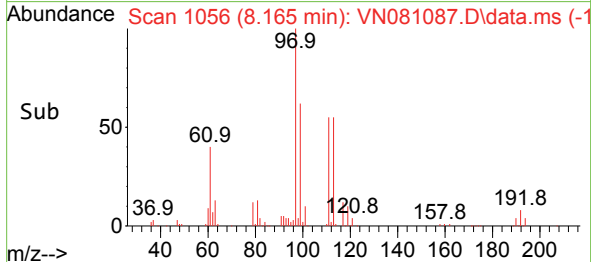
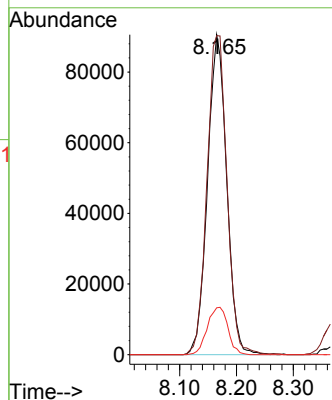
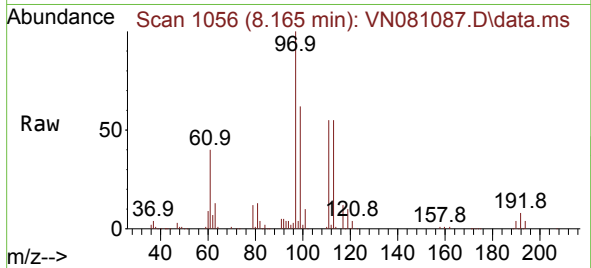




#35
Dibromofluoromethane
Concen: 52.784 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

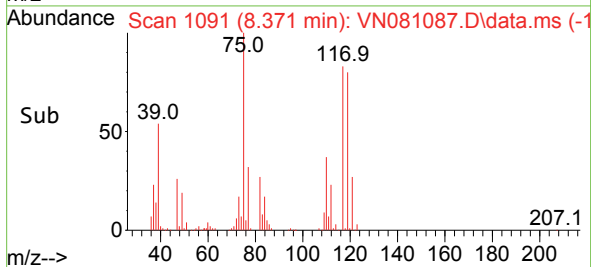
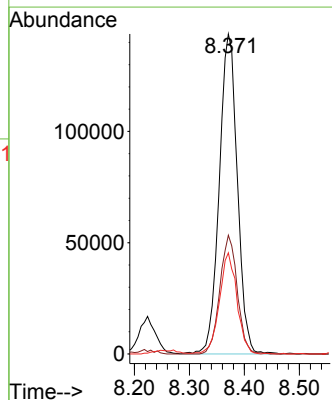
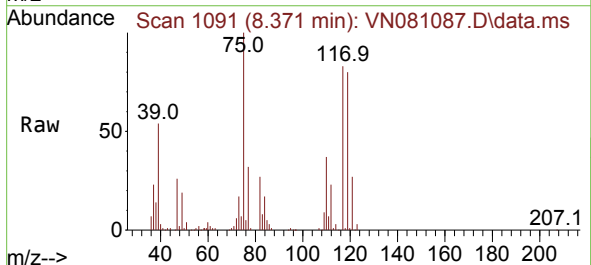
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

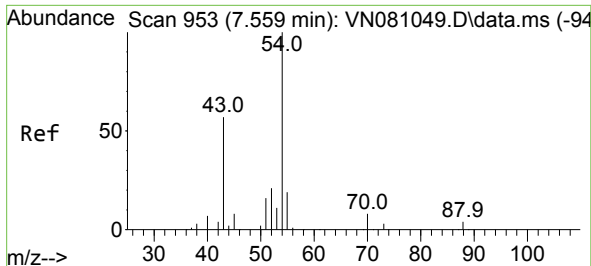
Tgt Ion:113 Resp: 211438
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 15.9 12.5 18.7



#36
1,1-Dichloropropene
Concen: 47.962 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 75 Resp: 329147
Ion Ratio Lower Upper
75 100
110 35.7 16.0 48.0
77 30.6 25.8 38.6





#37

Ethyl Acetate

Concen: 48.484 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

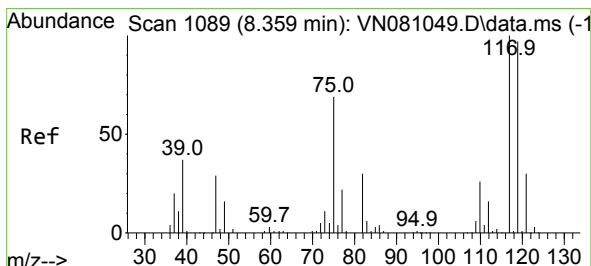
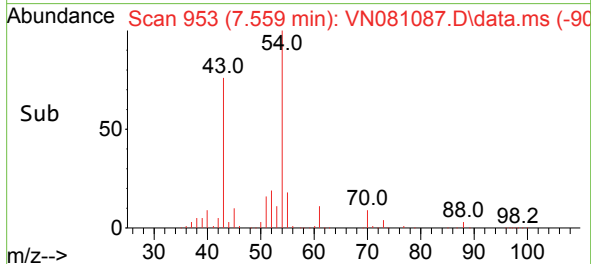
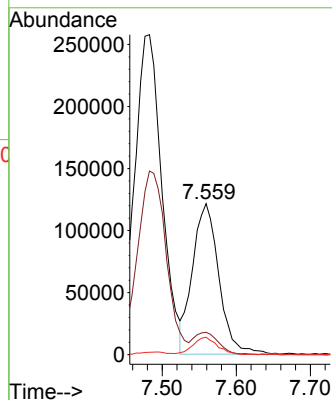
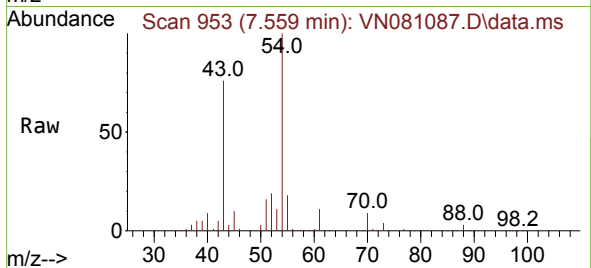
Tgt Ion: 43 Resp: 300289

Ion Ratio Lower Upper

43 100

61 13.6 10.6 15.8

70 10.4 8.0 12.0



#38

Carbon Tetrachloride

Concen: 50.089 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

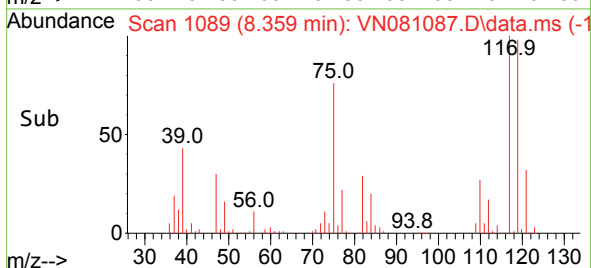
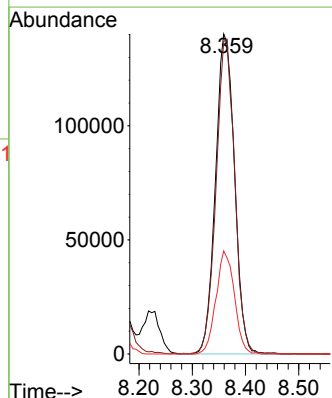
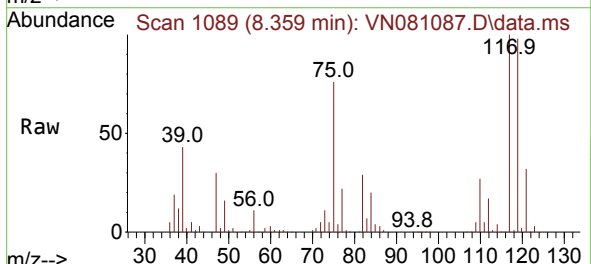
Tgt Ion: 117 Resp: 347777

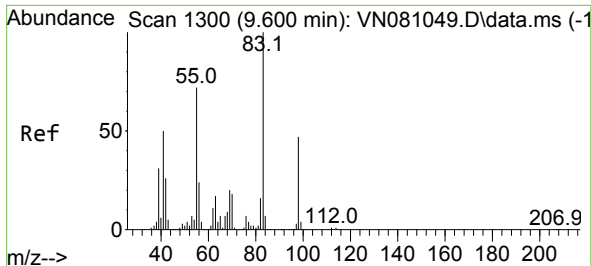
Ion Ratio Lower Upper

117 100

119 97.6 73.4 110.2

121 32.2 24.4 36.6





#39

Methylcyclohexane

Concen: 48.111 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

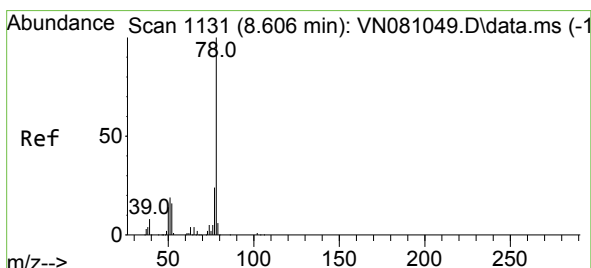
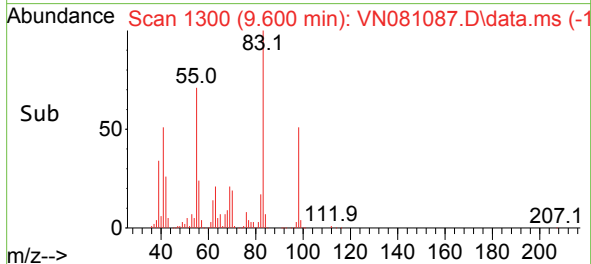
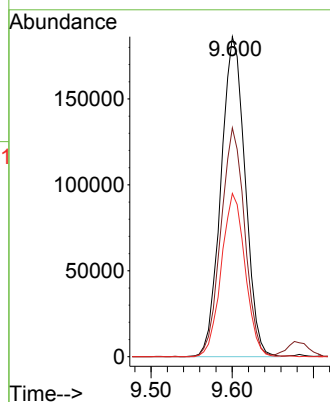
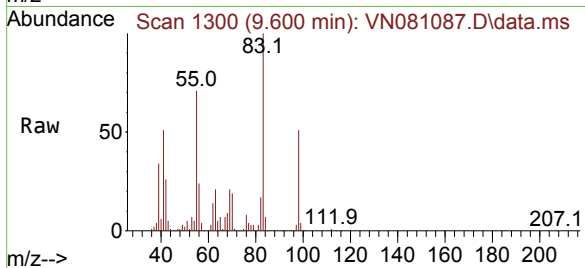
Tgt Ion: 83 Resp: 384883

Ion Ratio Lower Upper

83 100

55 71.5 65.7 98.5

98 51.0 33.8 50.6#



#40

Benzene

Concen: 51.947 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081087.D

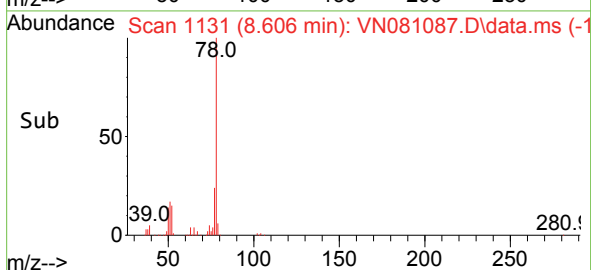
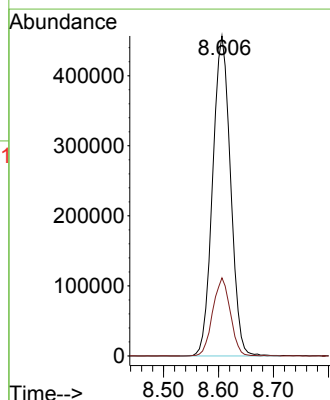
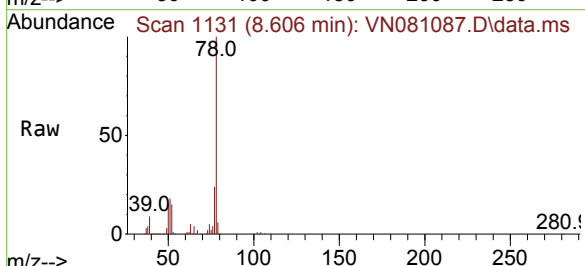
Acq: 20 Feb 2024 10:21

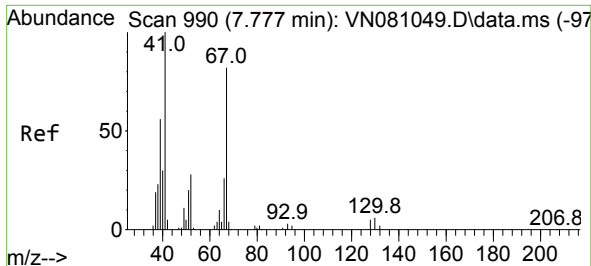
Tgt Ion: 78 Resp: 1031866

Ion Ratio Lower Upper

78 100

77 24.4 20.4 30.6



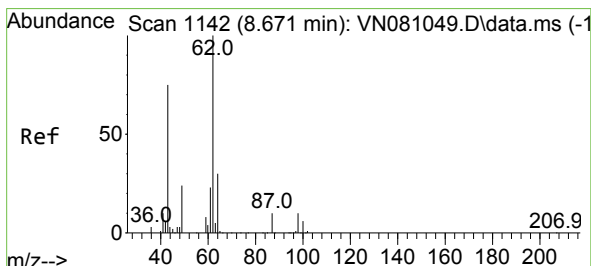
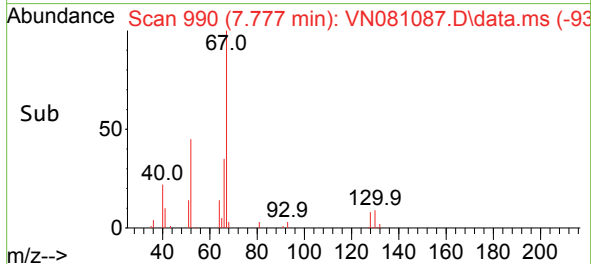
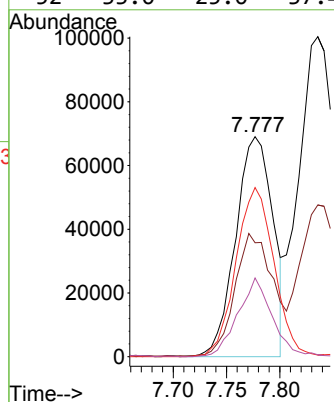
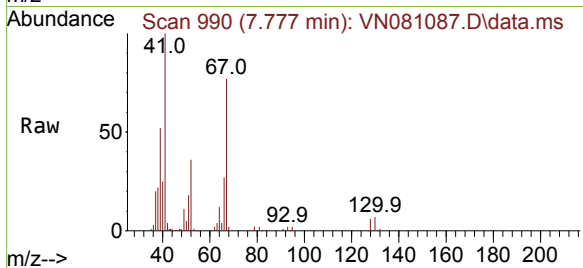


#41
Methacrylonitrile
Concen: 47.614 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 167837

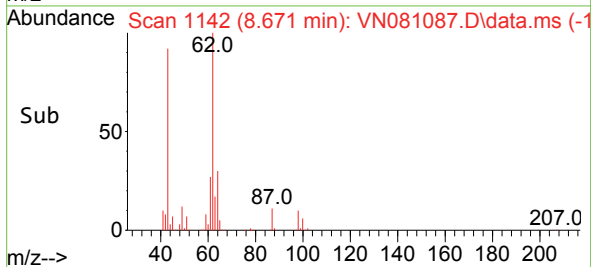
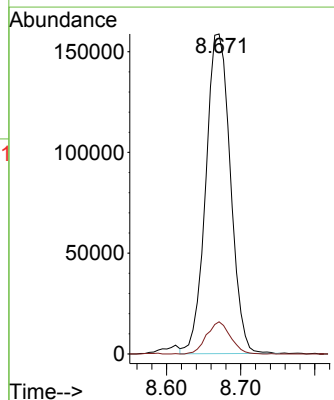
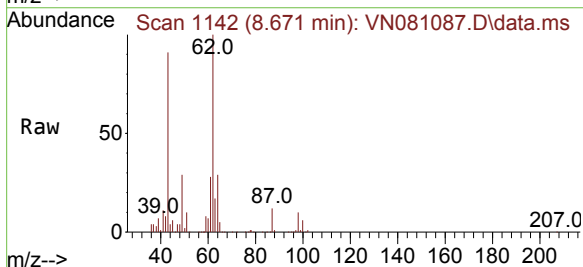
Ion	Ratio	Lower	Upper
41	100		
39	57.7	48.4	72.6
67	79.0	56.8	85.2
52	33.0	25.0	37.4

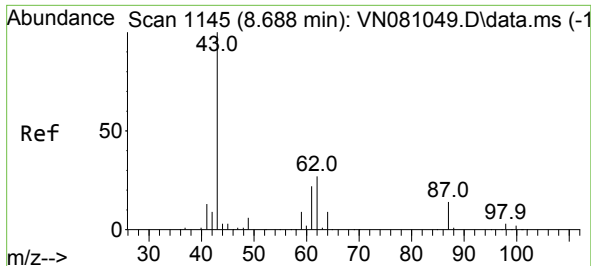


#42
1,2-Dichloroethane
Concen: 52.870 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 62 Resp: 366400

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.0

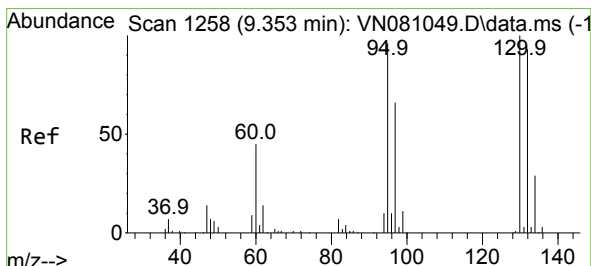
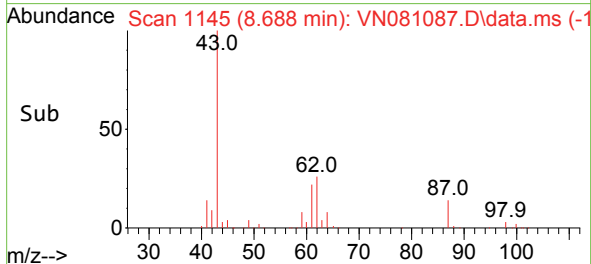
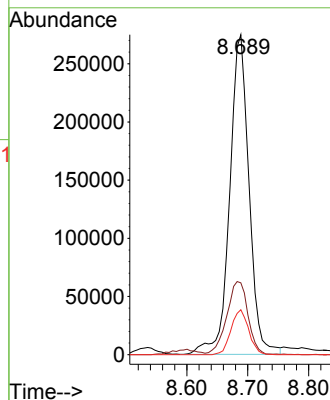
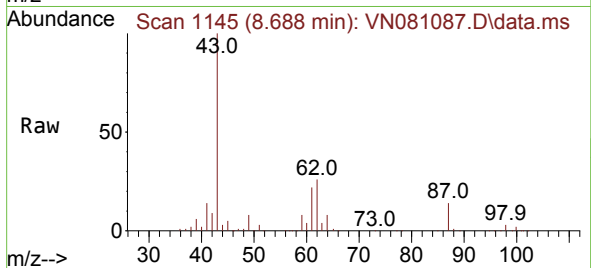




#43
Isopropyl Acetate
Concen: 56.119 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

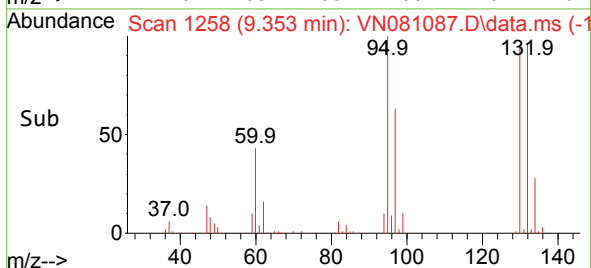
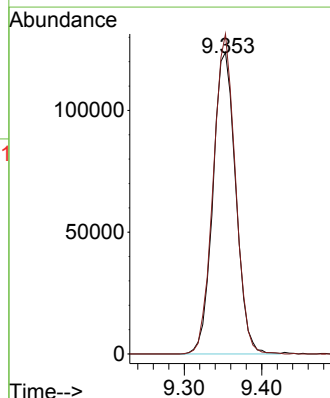
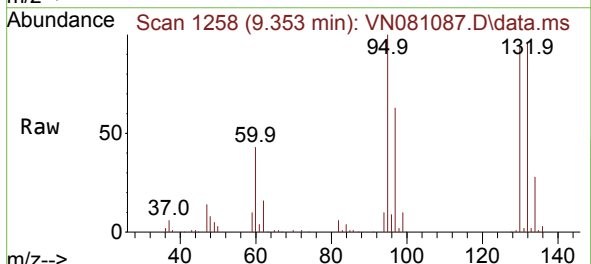
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

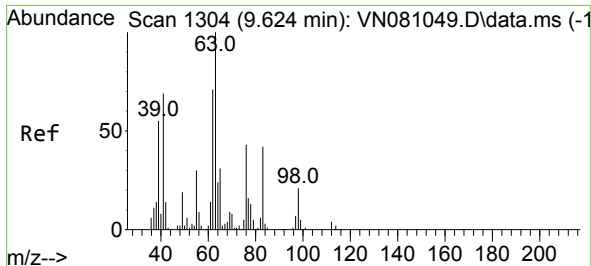
Tgt Ion: 43 Resp: 607897
Ion Ratio Lower Upper
43 100
61 25.2 19.9 29.9
87 12.8 9.0 13.6



#44
Trichloroethene
Concen: 47.830 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion:130 Resp: 253053
Ion Ratio Lower Upper
130 100
95 106.1 0.0 210.4





#45

1,2-Dichloropropane

Concen: 51.911 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

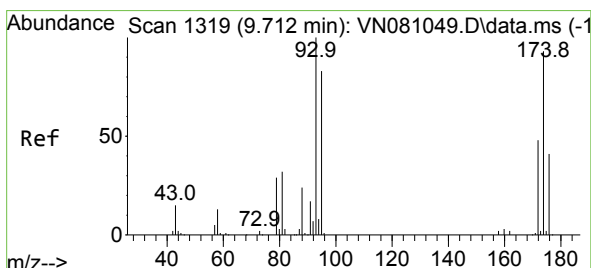
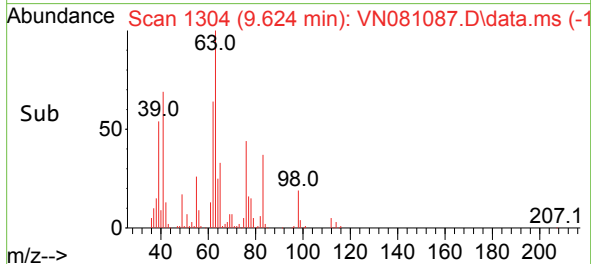
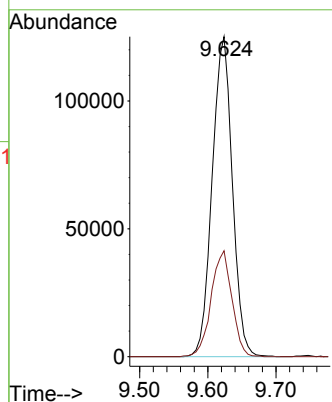
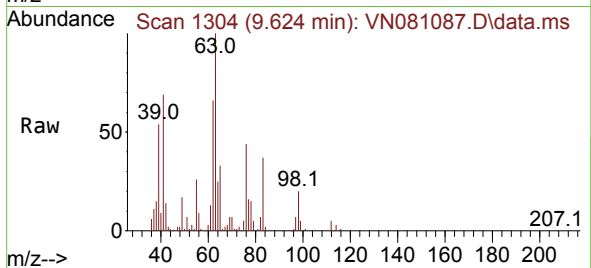
VSTDCCC050

Tgt Ion: 63 Resp: 257939

Ion Ratio Lower Upper

63 100

65 33.1 26.1 39.1



#46

Dibromomethane

Concen: 51.587 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

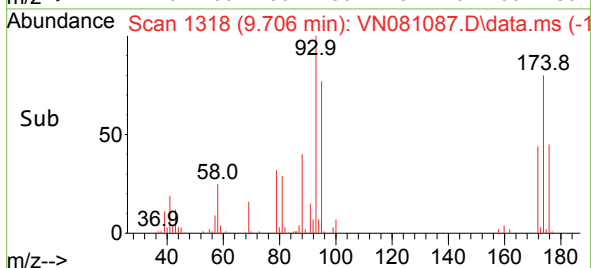
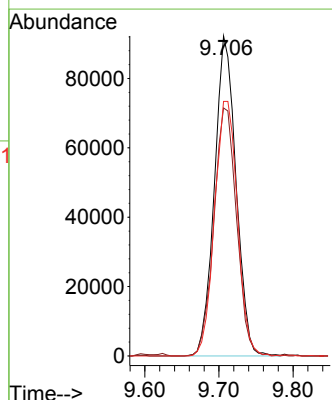
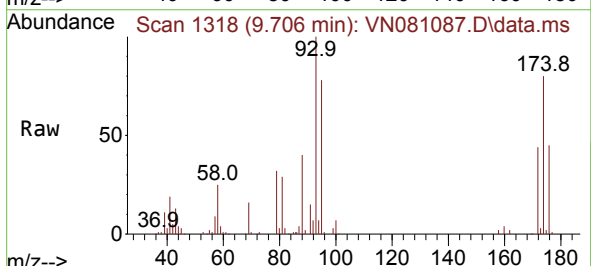
Tgt Ion: 93 Resp: 186765

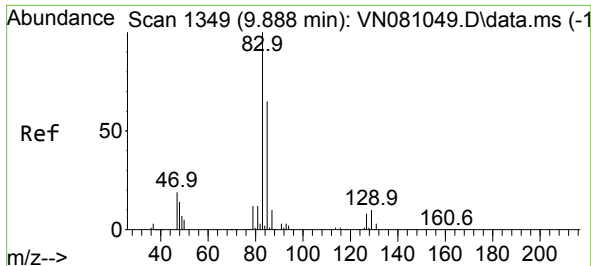
Ion Ratio Lower Upper

93 100

95 81.5 68.1 102.1

174 84.4 57.2 85.8





#47

Bromodichloromethane

Concen: 54.983 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

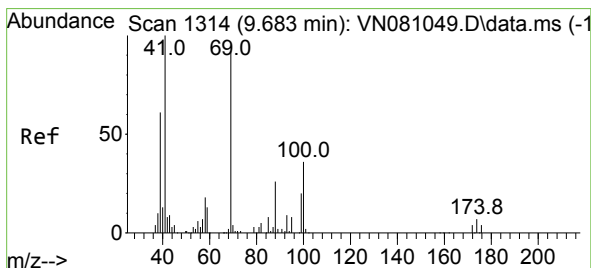
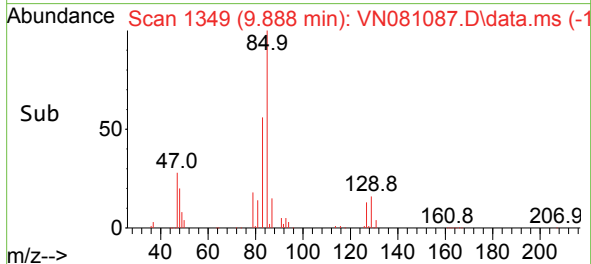
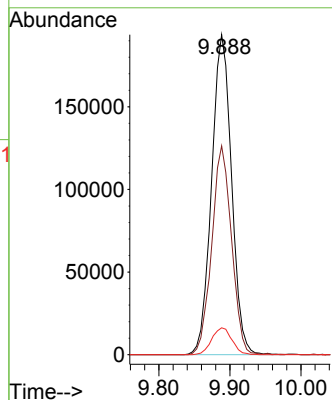
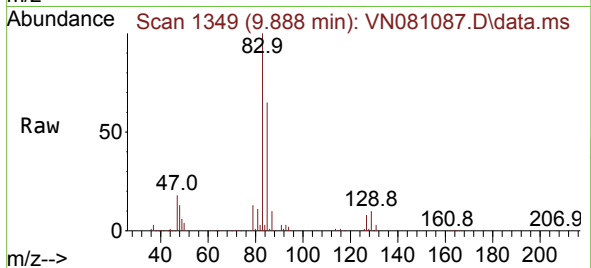
Tgt Ion: 83 Resp: 377006

Ion Ratio Lower Upper

83 100

85 65.2 52.3 78.5

127 8.4 4.6 7.0#



#48

Methyl methacrylate

Concen: 50.299 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

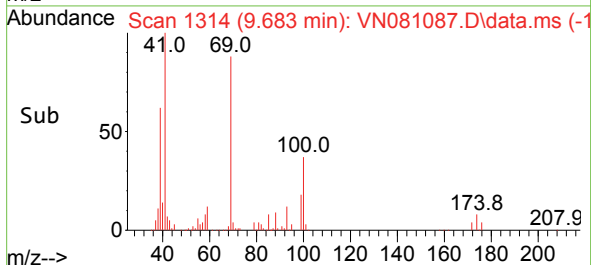
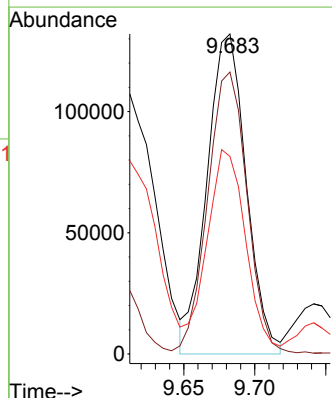
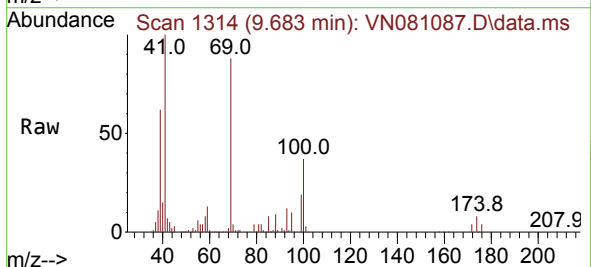
Tgt Ion: 41 Resp: 253527

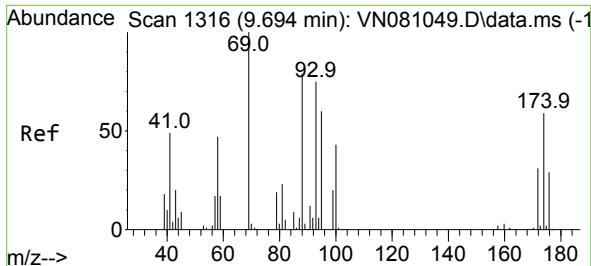
Ion Ratio Lower Upper

41 100

69 89.0 62.2 93.2

39 63.7 47.6 71.4





#49

1,4-Dioxane

Concen: 866.949 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

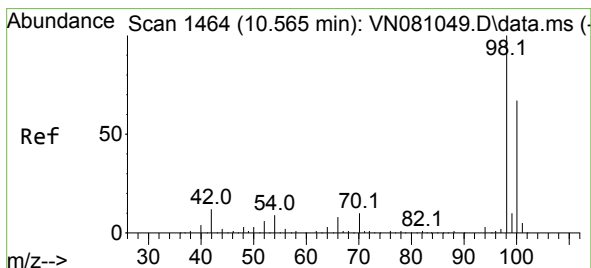
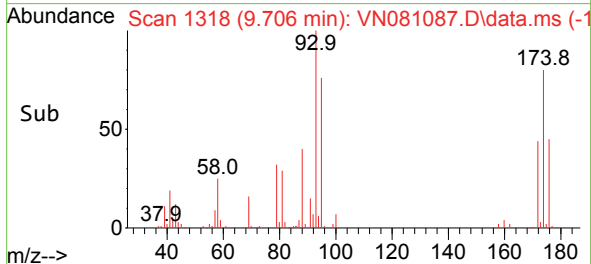
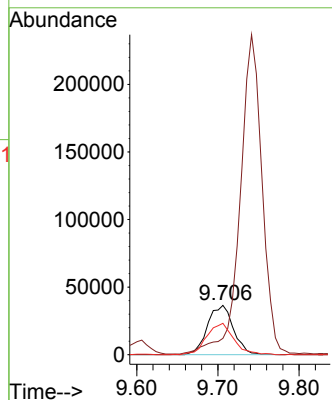
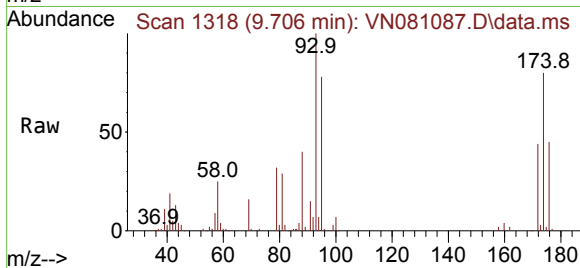
Tgt Ion: 88 Resp: 80904

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 66.4 63.9 95.9



#50

Toluene-d8

Concen: 48.549 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN081087.D

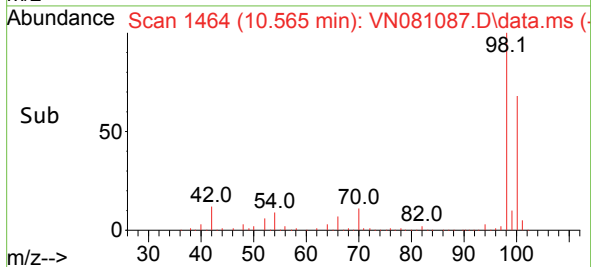
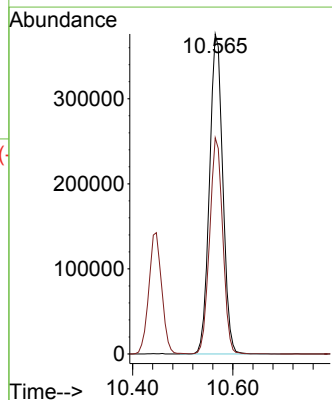
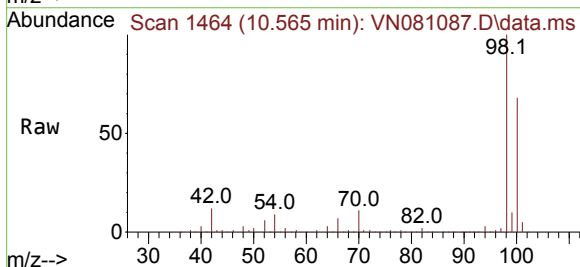
Acq: 20 Feb 2024 10:21

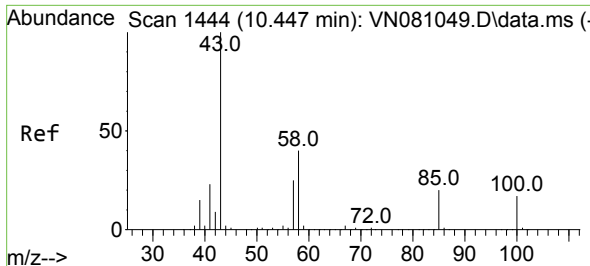
Tgt Ion: 98 Resp: 690717

Ion Ratio Lower Upper

98 100

100 66.9 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 246.339 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

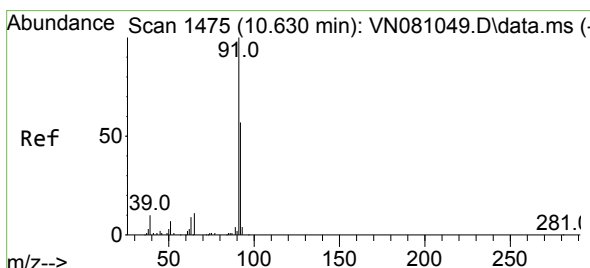
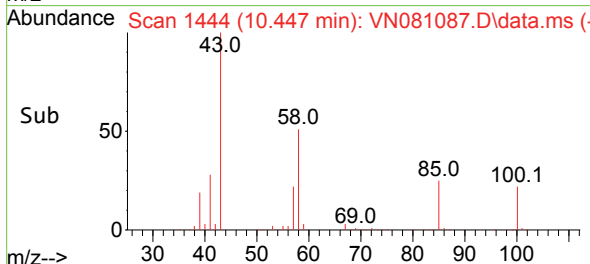
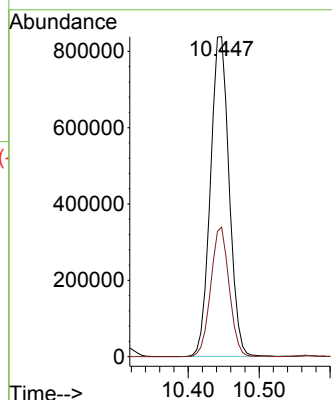
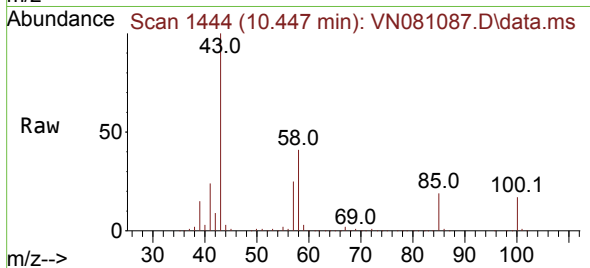
VSTDCCC050

Tgt Ion: 43 Resp: 1535003

Ion Ratio Lower Upper

43 100

58 39.8 29.4 44.0



#52

Toluene

Concen: 50.556 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081087.D

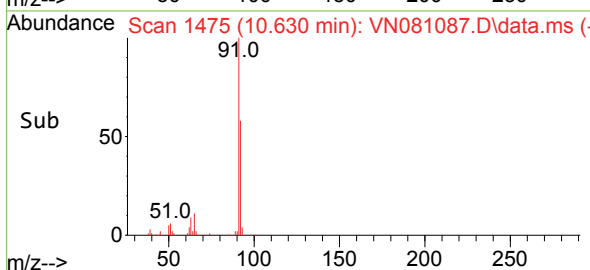
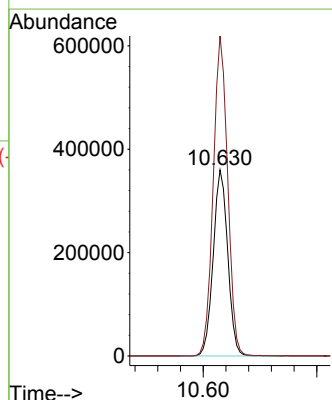
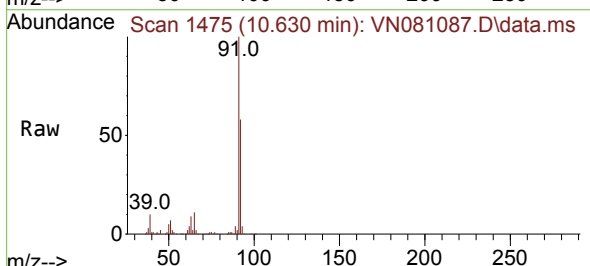
Acq: 20 Feb 2024 10:21

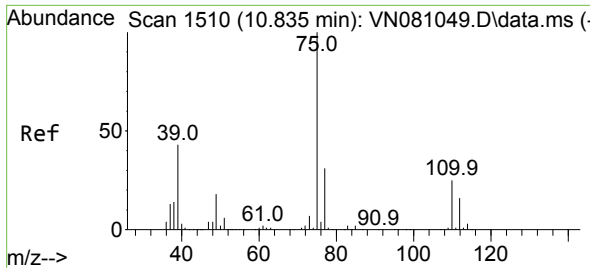
Tgt Ion: 92 Resp: 635752

Ion Ratio Lower Upper

92 100

91 171.3 139.4 209.0

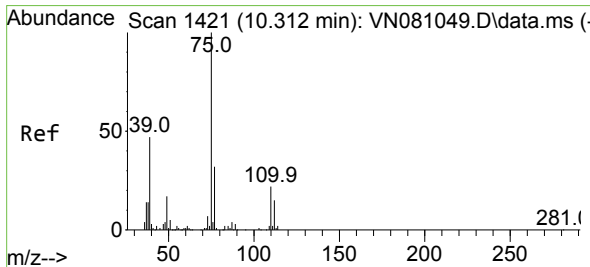
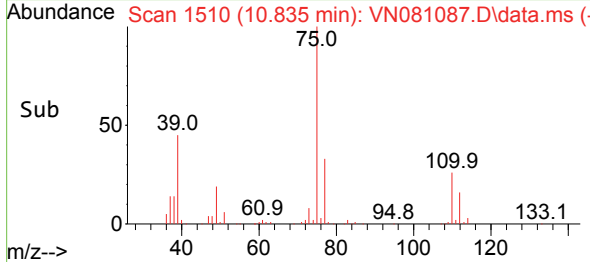
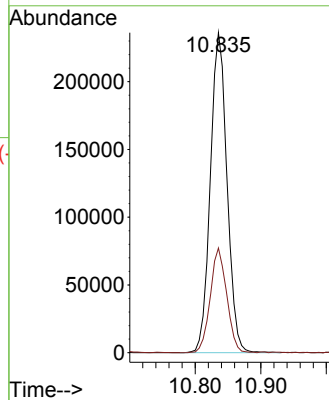
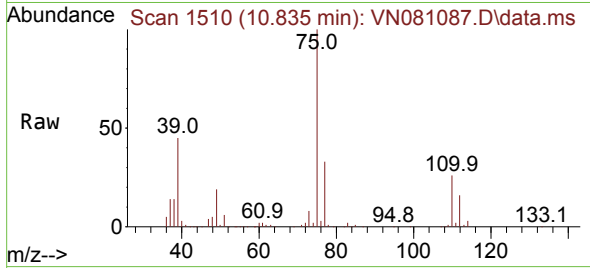




#53
 t-1,3-Dichloropropene
 Concen: 54.673 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081087.D
 Acq: 20 Feb 2024 10:21

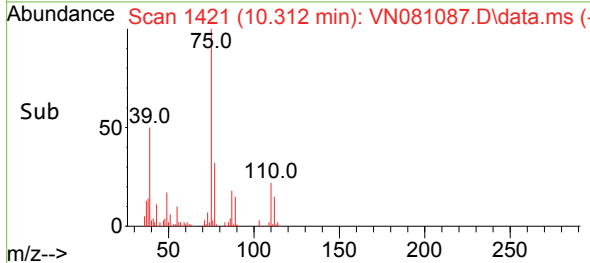
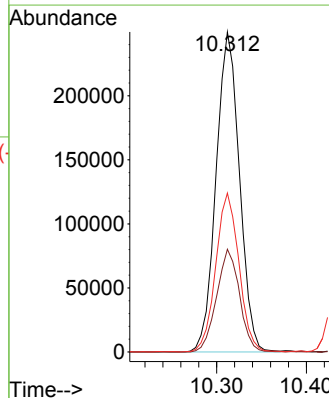
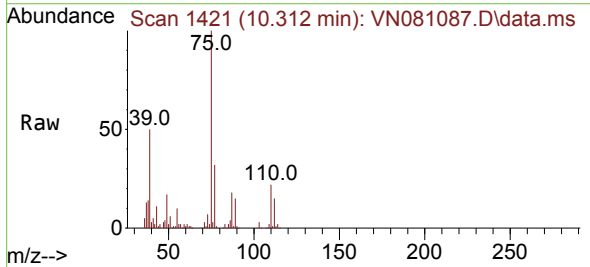
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

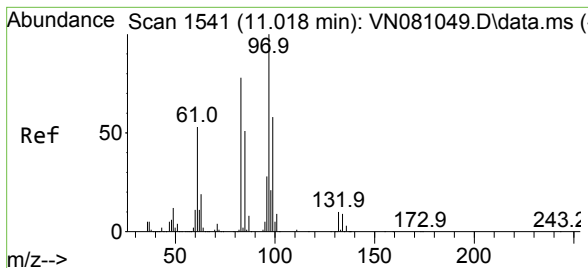
Tgt Ion: 75 Resp: 416591
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 54.939 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081087.D
 Acq: 20 Feb 2024 10:21

Tgt Ion: 75 Resp: 452282
 Ion Ratio Lower Upper
 75 100
 77 32.1 23.3 34.9
 39 49.7 44.6 66.8



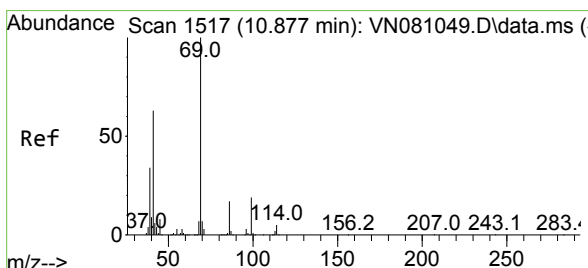
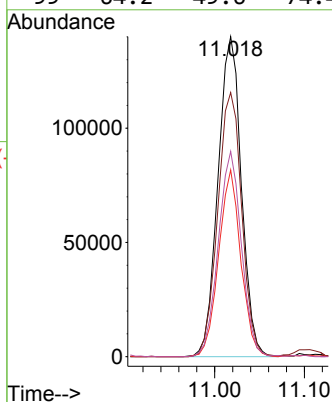
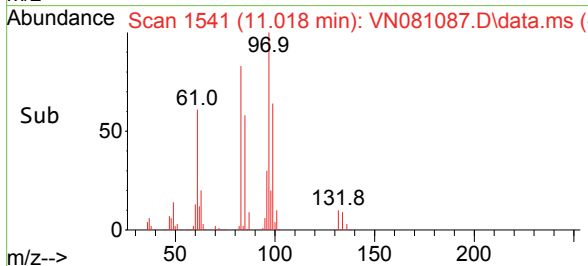
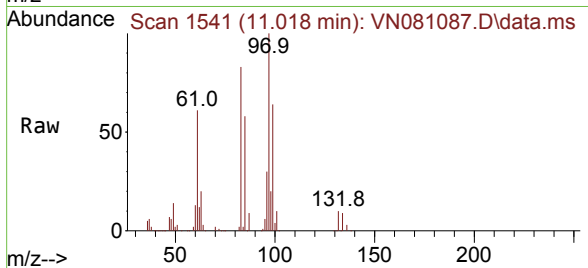


#55
 1,1,2-Trichloroethane
 Concen: 52.425 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN081087.D
 Acq: 20 Feb 2024 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 253563

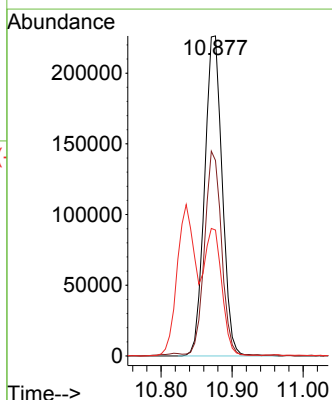
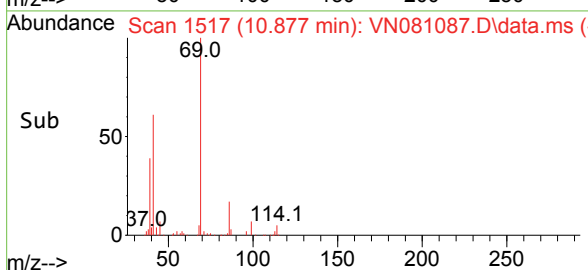
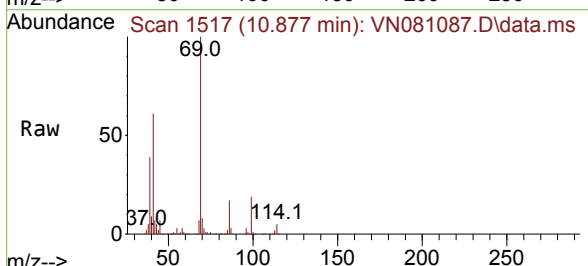
Ion	Ratio	Lower	Upper
97	100		
83	82.6	72.9	109.3
85	58.3	50.2	75.2
99	64.2	49.6	74.4

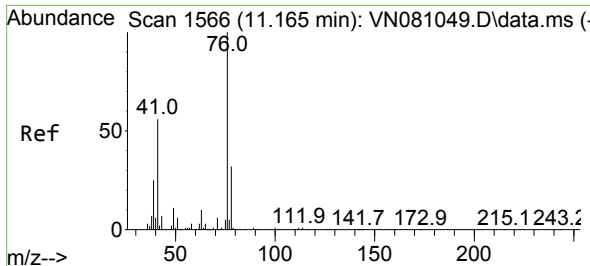


#56
 Ethyl methacrylate
 Concen: 52.723 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: VN081087.D
 Acq: 20 Feb 2024 10:21

Tgt Ion: 69 Resp: 389730

Ion	Ratio	Lower	Upper
69	100		
41	61.6	61.0	91.6
39	39.9	31.8	47.6





#57

1,3-Dichloropropane

Concen: 52.575 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

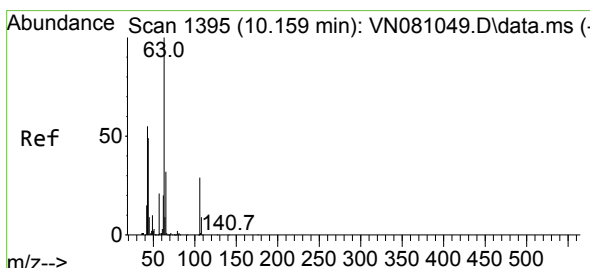
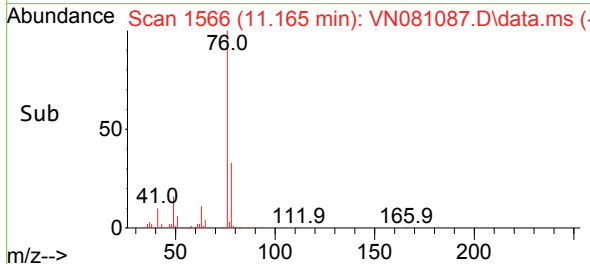
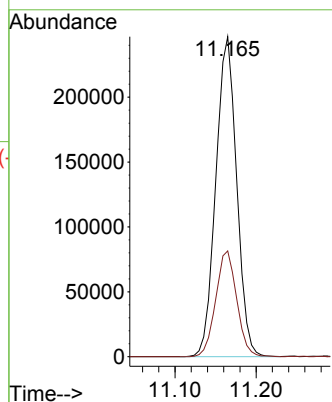
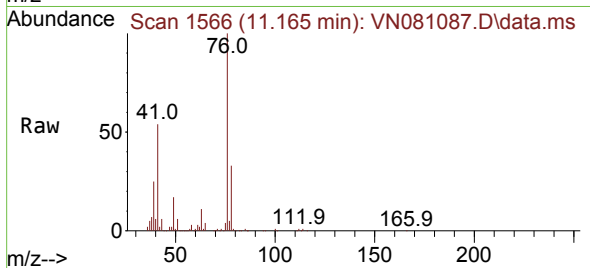
VSTDCCC050

Tgt Ion: 76 Resp: 439688

Ion Ratio Lower Upper

76 100

78 33.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 257.255 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081087.D

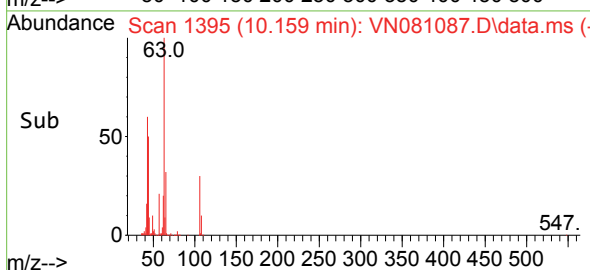
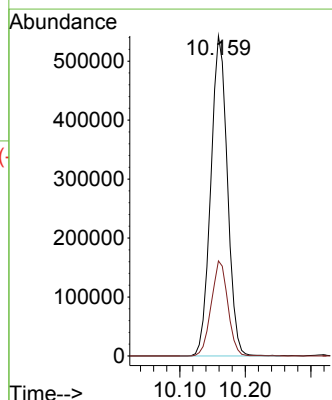
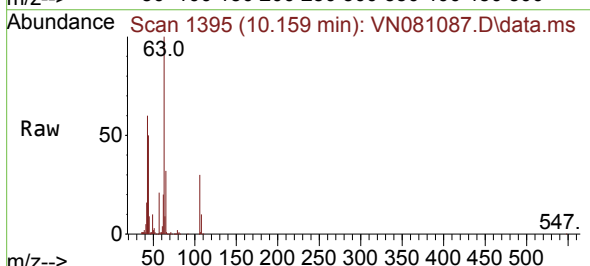
Acq: 20 Feb 2024 10:21

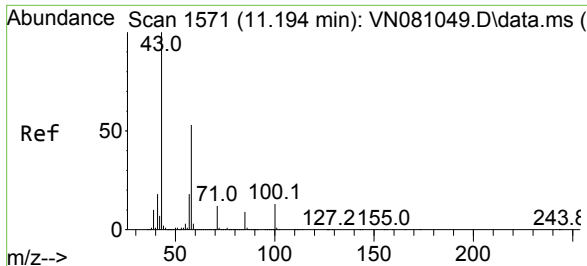
Tgt Ion: 63 Resp: 954141

Ion Ratio Lower Upper

63 100

106 29.7 18.6 28.0#

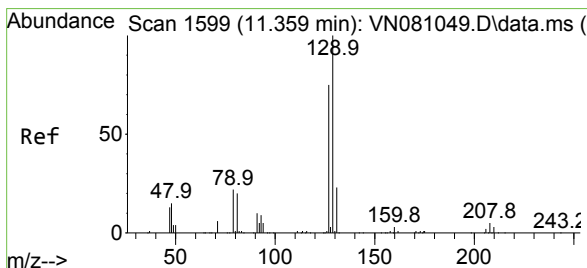
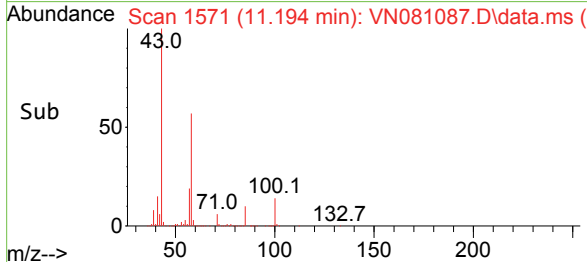
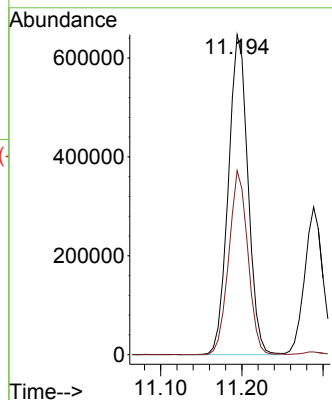
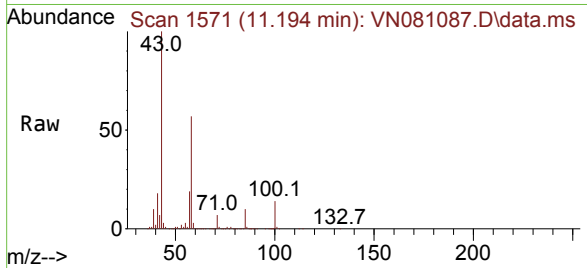




#59
2-Hexanone
Concen: 219.207 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

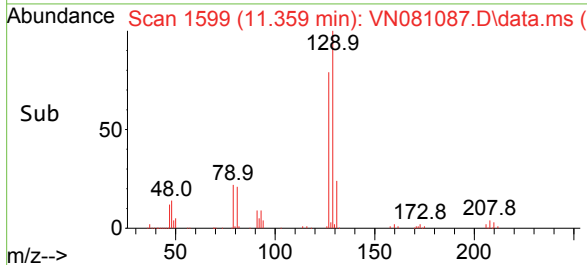
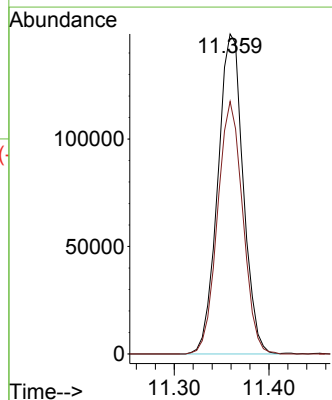
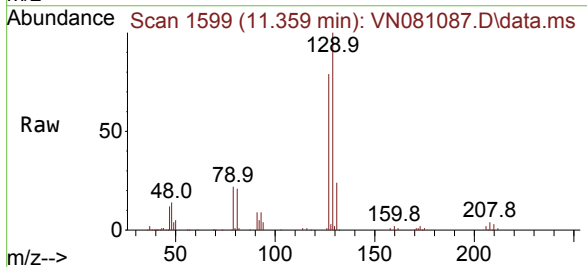
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

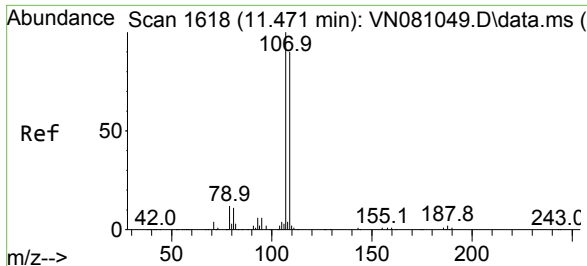
Tgt Ion: 43 Resp: 1082915
Ion Ratio Lower Upper
43 100
58 56.1 25.9 77.8



#60
Dibromochloromethane
Concen: 54.003 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion:129 Resp: 277477
Ion Ratio Lower Upper
129 100
127 78.2 39.4 118.2

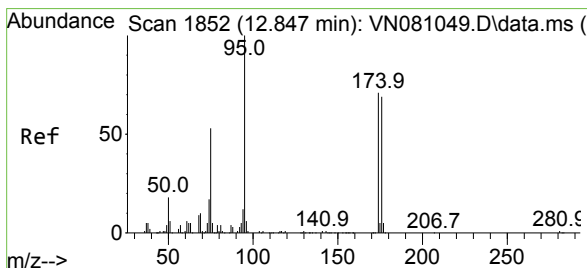
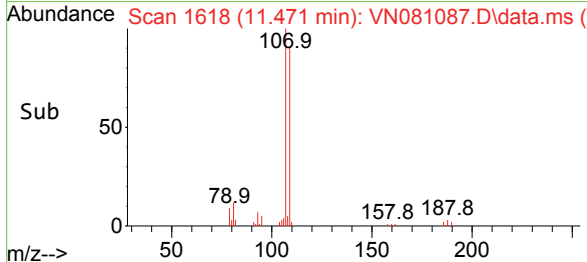
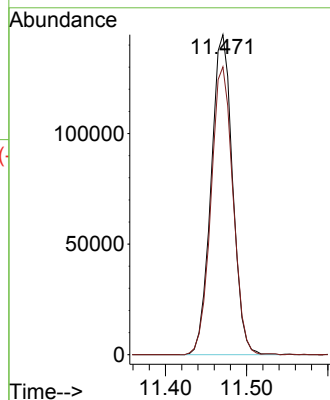
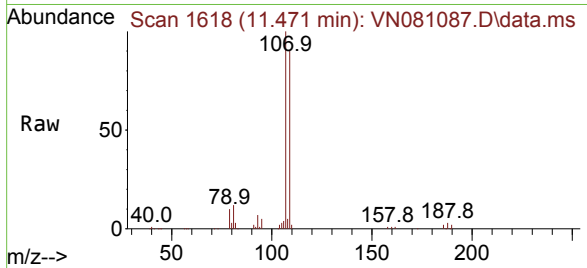




#61
1,2-Dibromoethane
Concen: 52.321 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

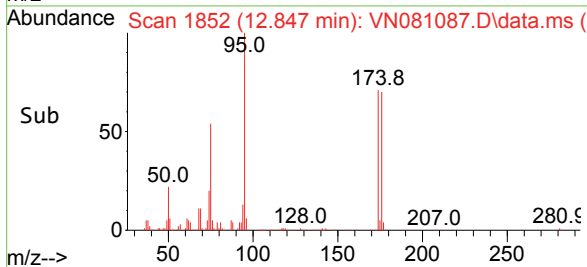
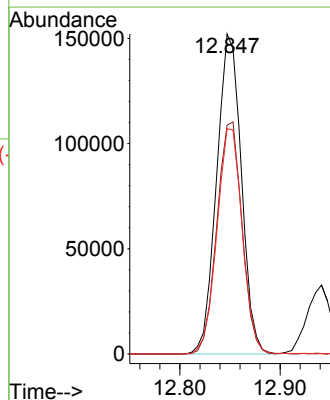
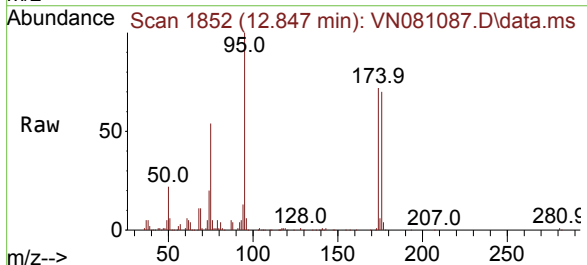
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

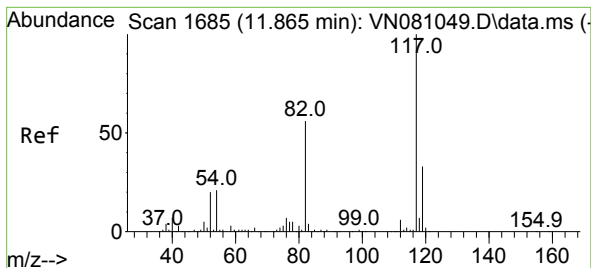
Tgt Ion:107 Resp: 266111
Ion Ratio Lower Upper
107 100
109 92.0 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 48.739 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 95 Resp: 260557
Ion Ratio Lower Upper
95 100
174 73.8 0.0 120.4
176 71.8 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: VN081087.D

Acq: 20 Feb 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

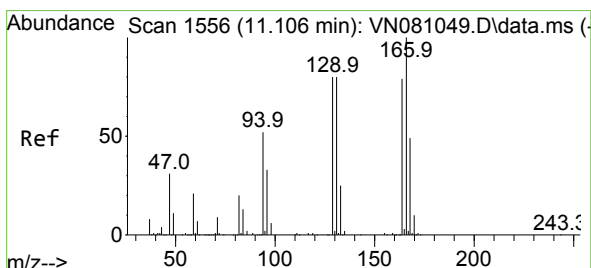
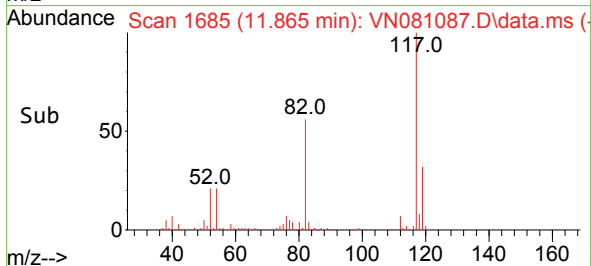
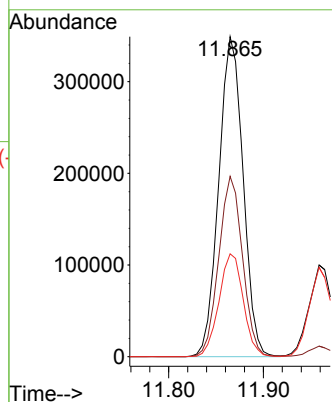
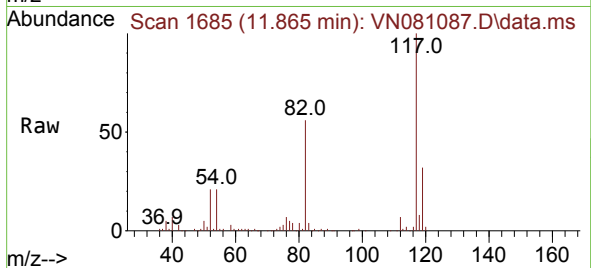
Tgt Ion:117 Resp: 623303

Ion Ratio Lower Upper

117 100

82 56.3 52.7 79.1

119 32.1 25.3 37.9



#64

Tetrachloroethene

Concen: 48.156 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

Tgt Ion:164 Resp: 204859

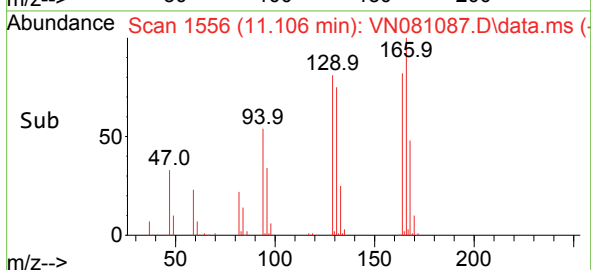
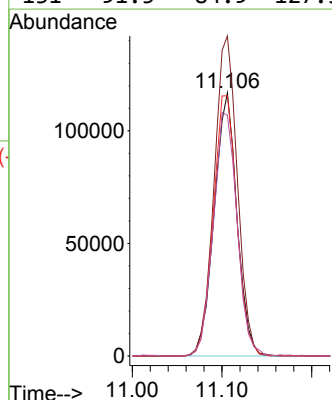
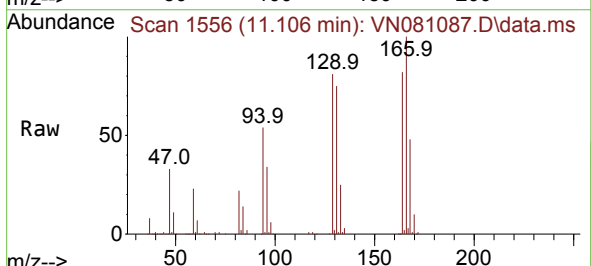
Ion Ratio Lower Upper

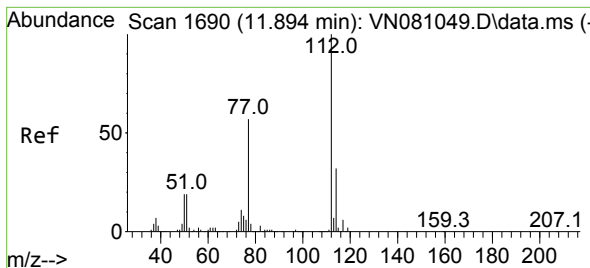
164 100

166 121.6 105.8 158.6

129 98.9 89.6 134.4

131 91.5 84.9 127.3





#65

Chlorobenzene

Concen: 50.015 ug/l

RT: 11.888 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

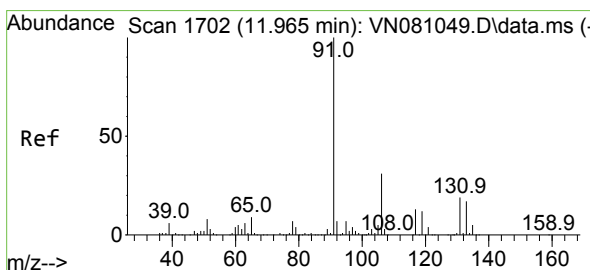
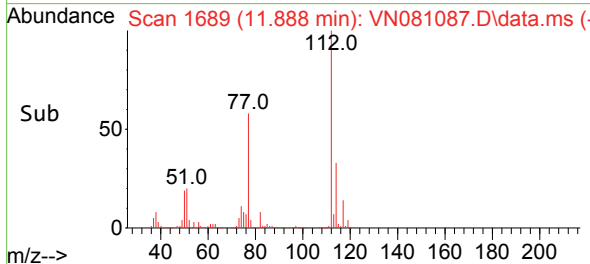
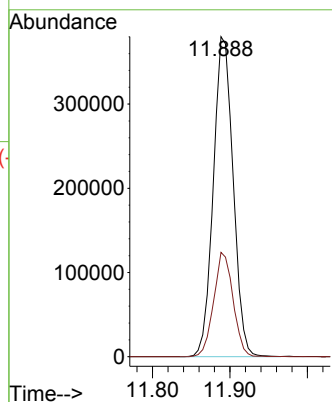
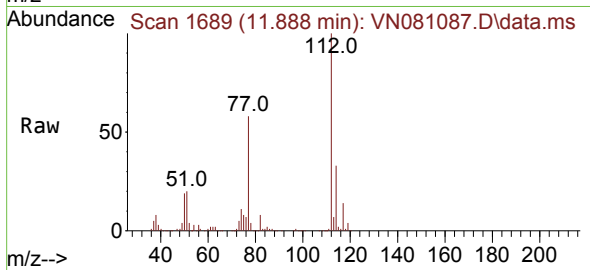
VSTDCCC050

Tgt Ion:112 Resp: 674711

Ion Ratio Lower Upper

112 100

114 32.6 23.7 35.5



#66

1,1,1,2-Tetrachloroethane

Concen: 52.846 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

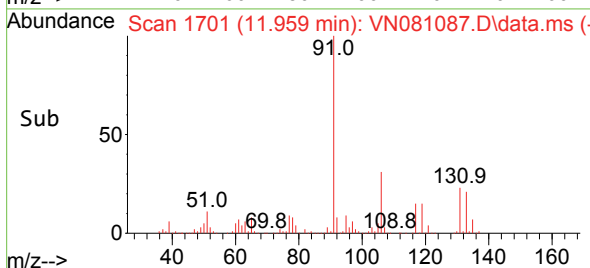
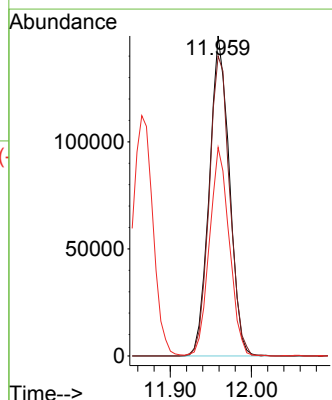
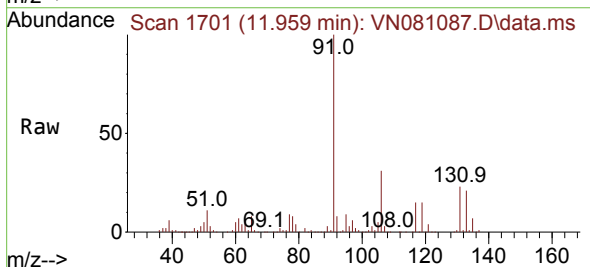
Tgt Ion:131 Resp: 256057

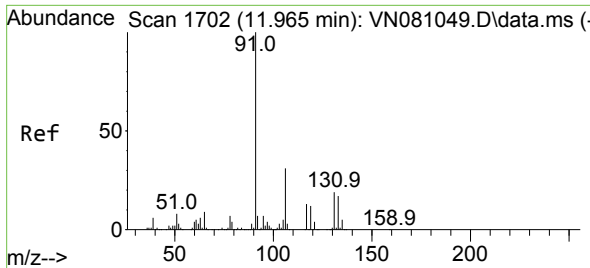
Ion Ratio Lower Upper

131 100

133 96.2 46.8 140.3

119 64.7 34.6 103.9

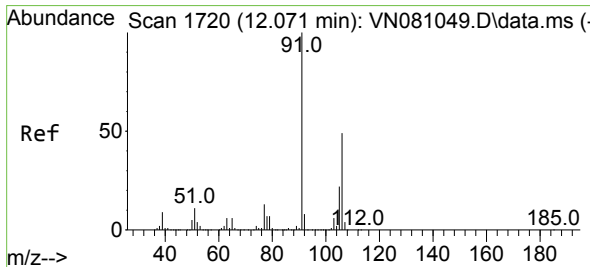
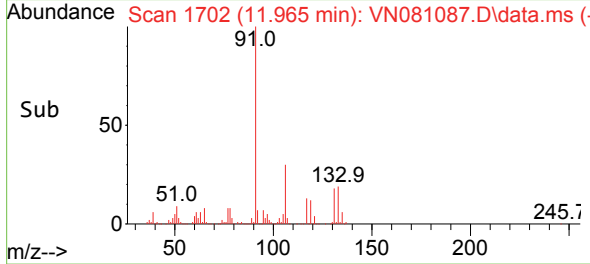
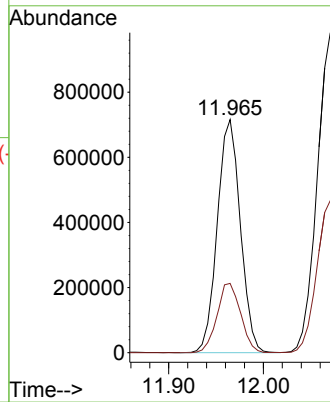
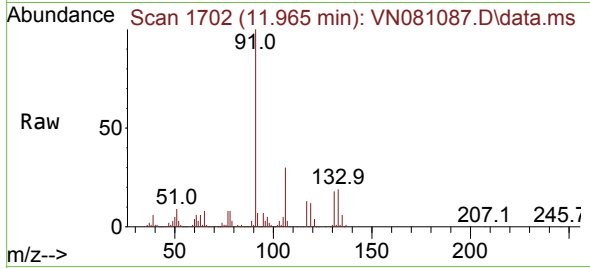




#67
Ethyl Benzene
Concen: 50.148 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

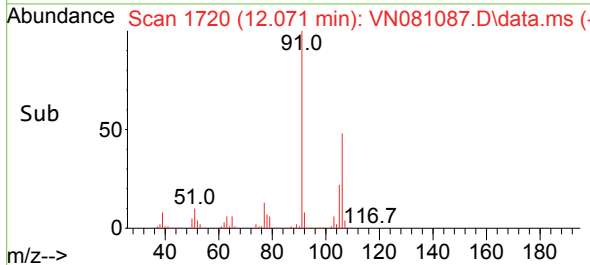
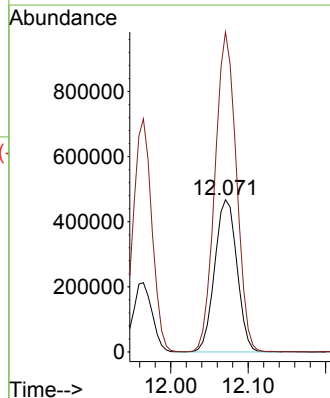
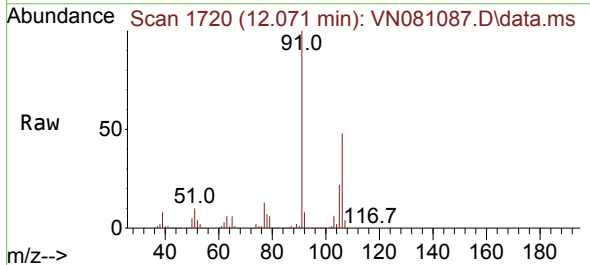
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

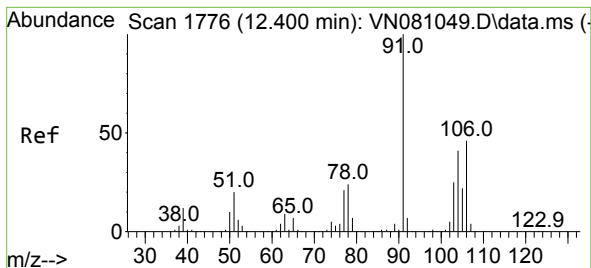
Tgt Ion: 91 Resp: 1210555
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 100.833 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion:106 Resp: 932971
Ion Ratio Lower Upper
106 100
91 202.2 169.0 253.6





#69

o-Xylene

Concen: 49.833 ug/l

RT: 12.394 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

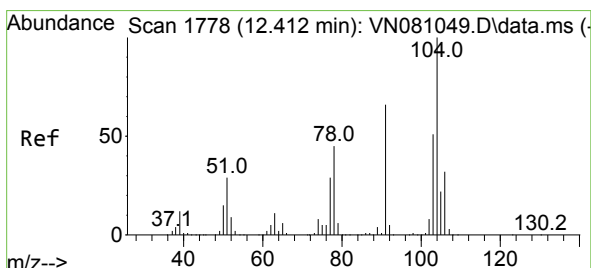
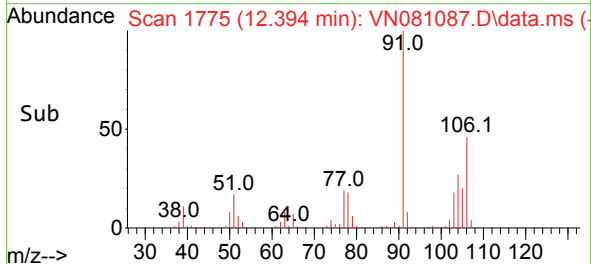
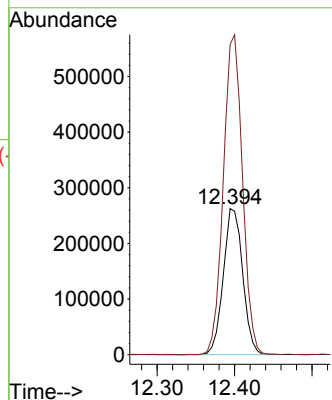
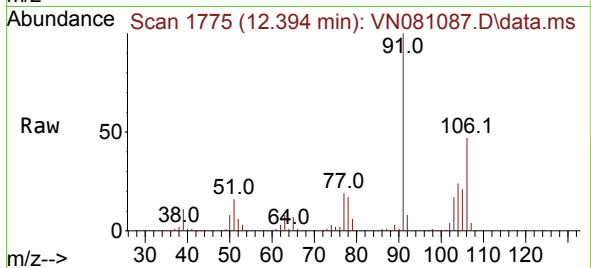
VSTDCCC050

Tgt Ion:106 Resp: 457055

Ion Ratio Lower Upper

106 100

91 216.3 112.1 336.3



#70

Styrene

Concen: 52.258 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

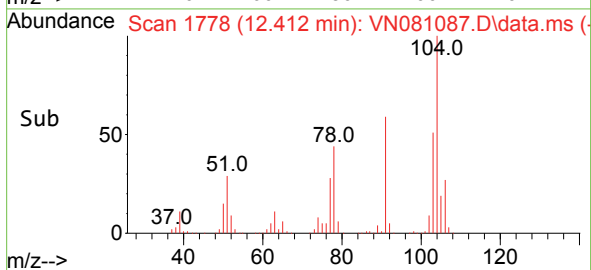
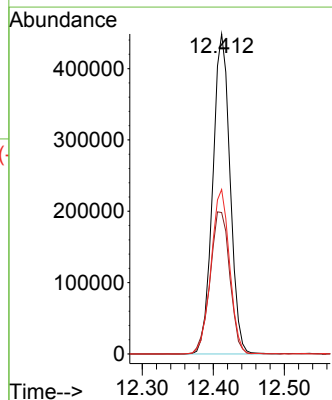
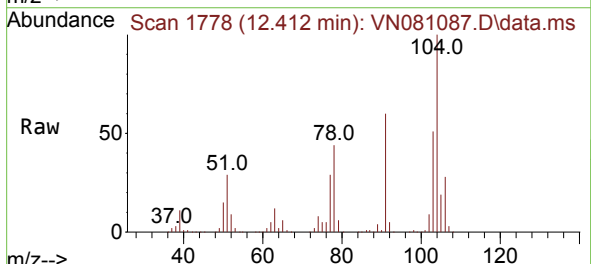
Tgt Ion:104 Resp: 759500

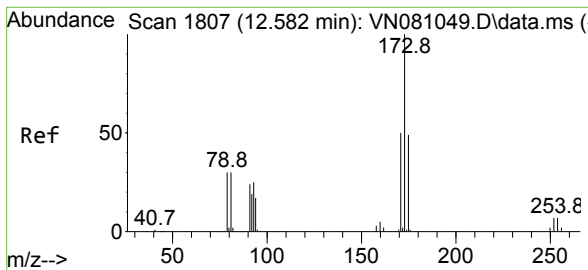
Ion Ratio Lower Upper

104 100

78 50.5 43.8 65.8

103 54.9 44.2 66.2

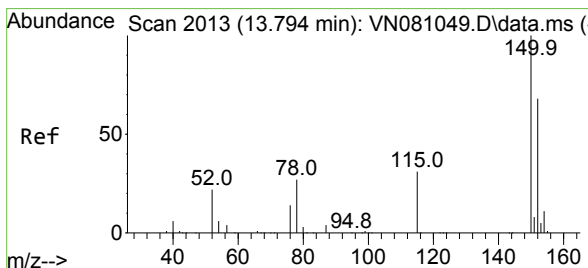
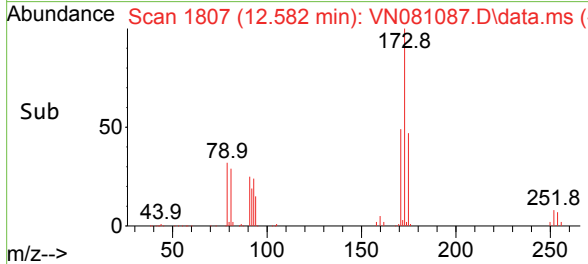
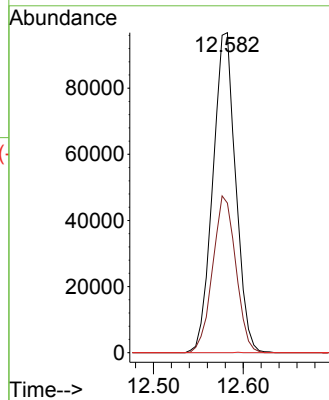
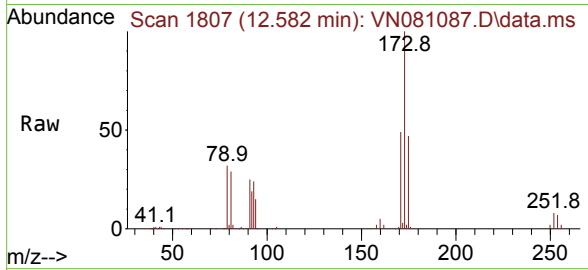




#71
Bromoform
Concen: 55.645 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

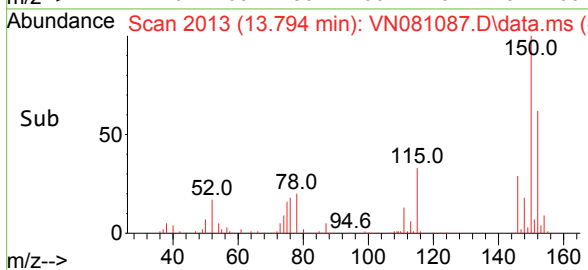
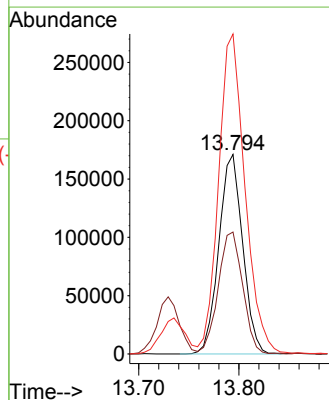
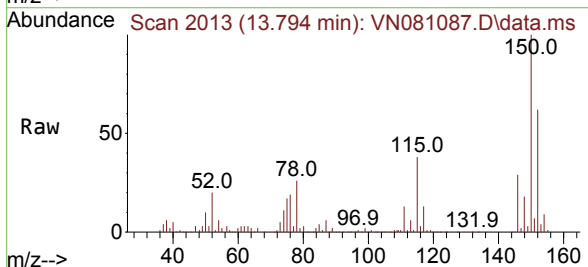
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

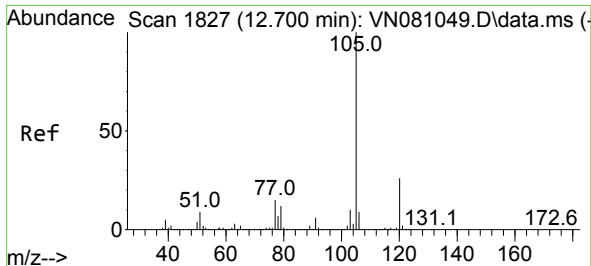
Tgt Ion:173 Resp: 171056
Ion Ratio Lower Upper
173 100
175 49.7 23.1 69.2
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion:152 Resp: 282758
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 177.5 0.0 339.8

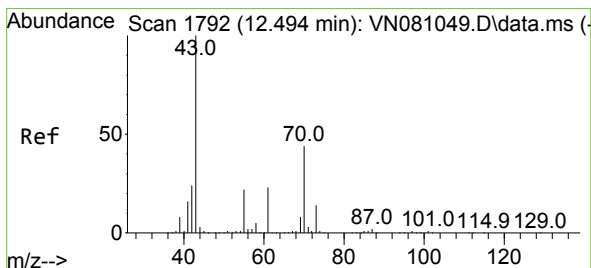
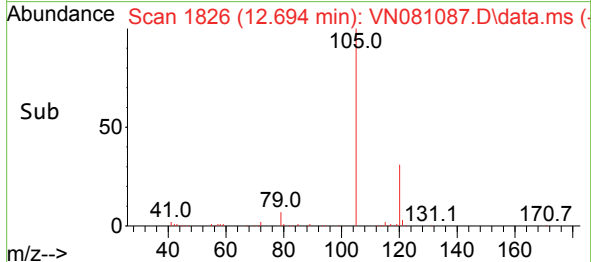
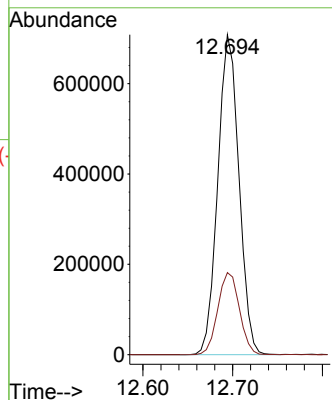
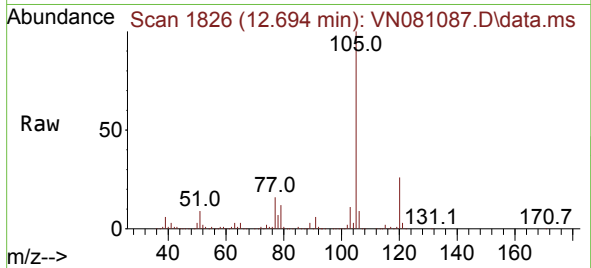




#73
Isopropylbenzene
Concen: 46.859 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

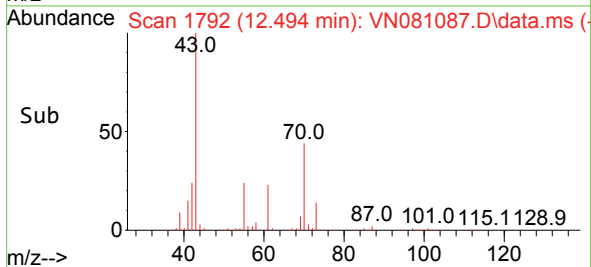
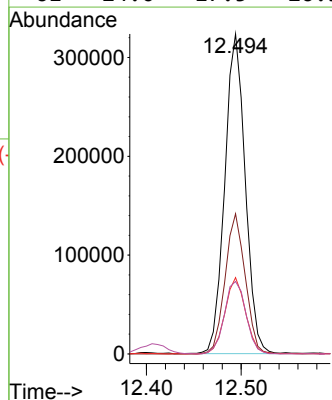
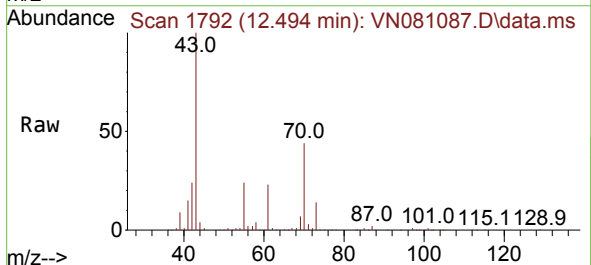
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

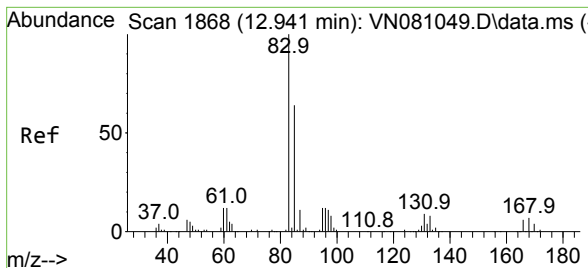
Tgt Ion:105 Resp: 1159260
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.6



#74
N-ethyl acetate
Concen: 46.403 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 43 Resp: 485178
Ion Ratio Lower Upper
43 100
70 43.3 30.1 45.1
55 24.3 17.0 25.4
61 24.0 17.5 26.3

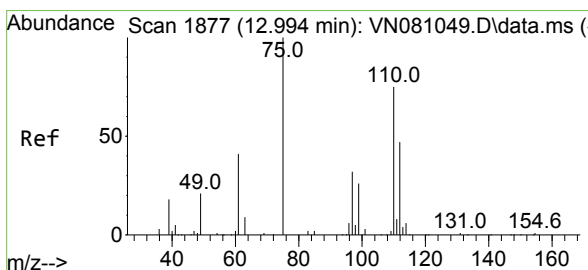
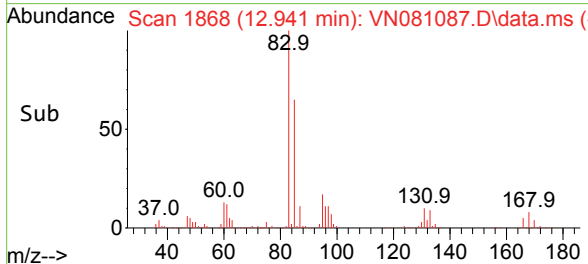
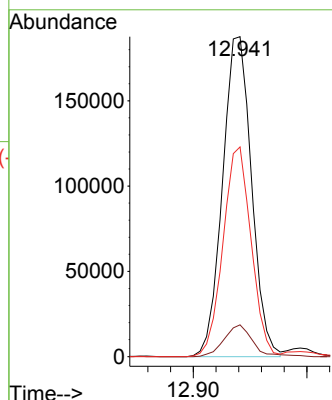
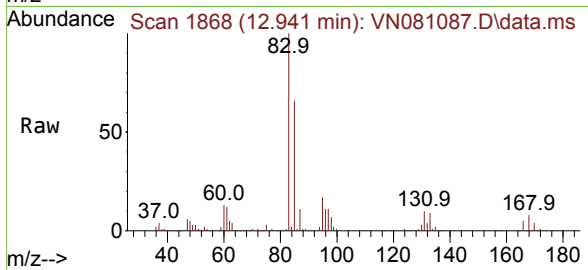




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.816 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN081087.D
 Acq: 20 Feb 2024 10:21

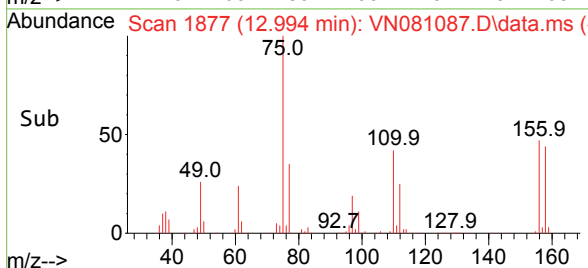
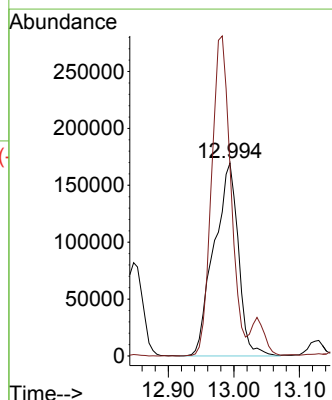
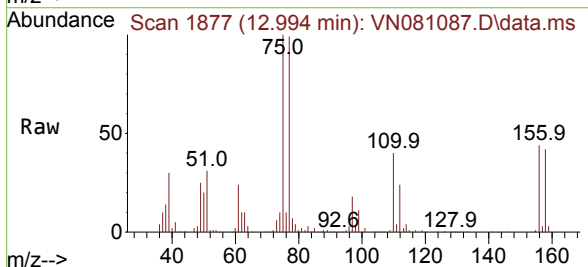
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

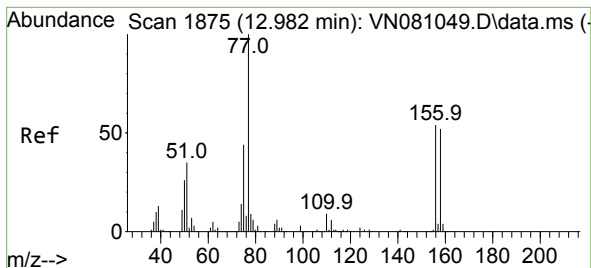
Tgt Ion: 83 Resp: 332633
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.1 12.3
 85 63.6 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 67.916 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN081087.D
 Acq: 20 Feb 2024 10:21

Tgt Ion: 75 Resp: 436323
 Ion Ratio Lower Upper
 75 100
 77 131.1 91.0 272.8





#77

Bromobenzene

Concen: 48.504 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

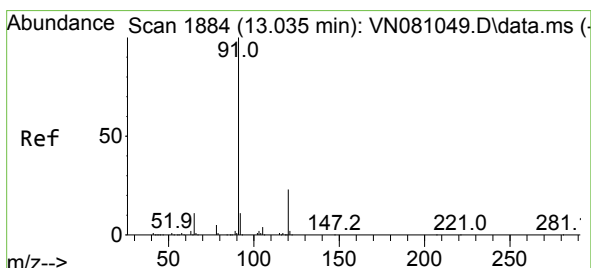
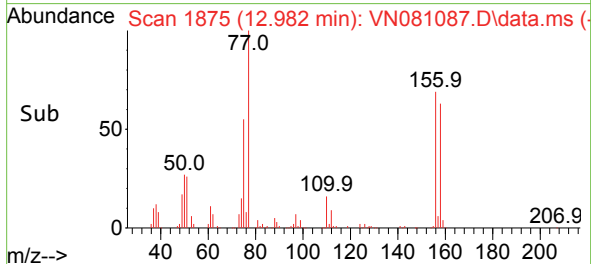
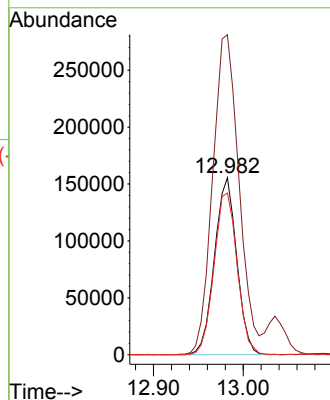
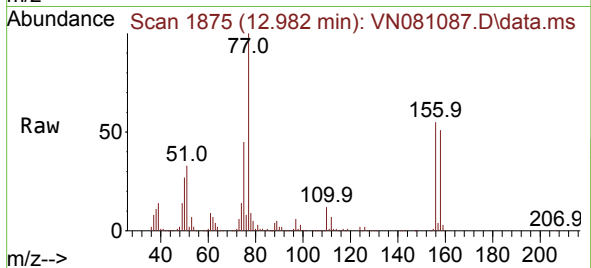
Tgt Ion:156 Resp: 267556

Ion Ratio Lower Upper

156 100

77 213.7 138.1 414.3

158 95.1 46.5 139.5



#78

n-propylbenzene

Concen: 47.952 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081087.D

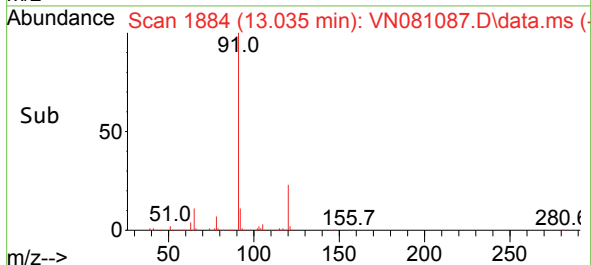
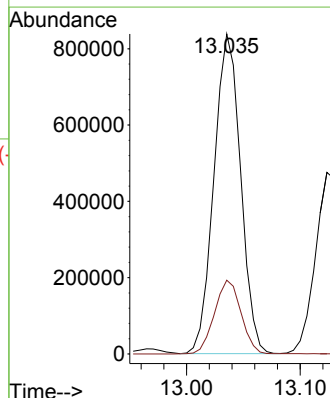
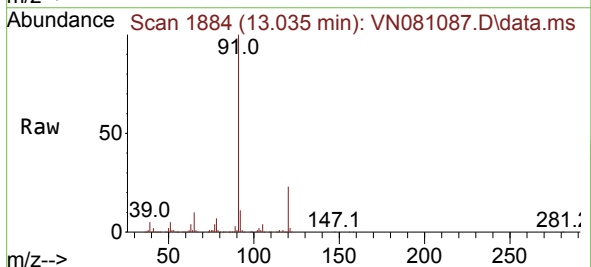
Acq: 20 Feb 2024 10:21

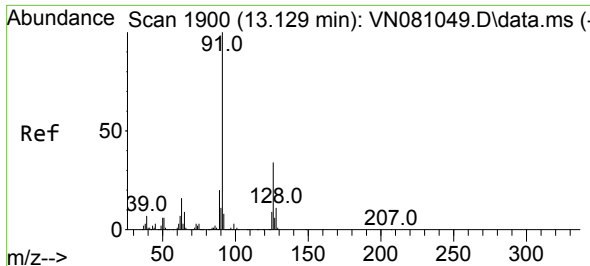
Tgt Ion: 91 Resp: 1365670

Ion Ratio Lower Upper

91 100

120 23.0 10.3 30.9

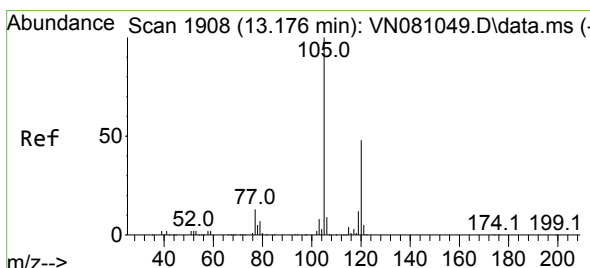
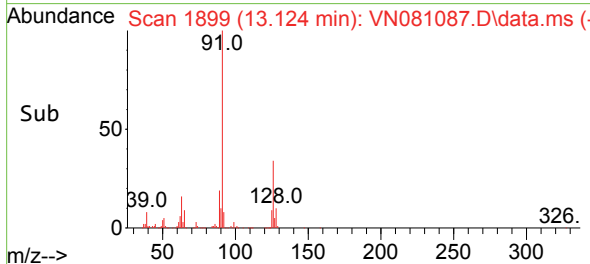
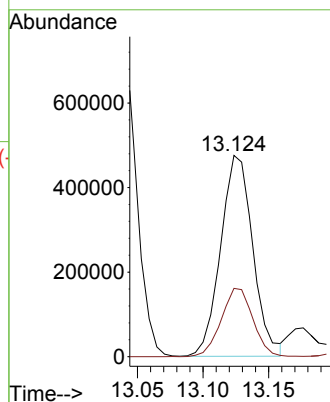
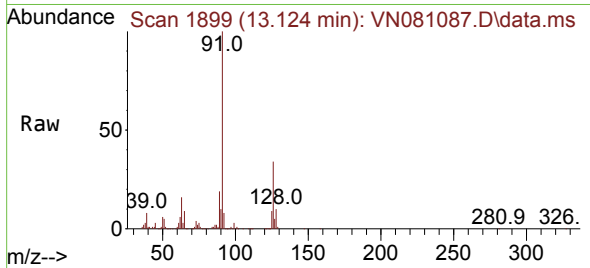




#79
2-Chlorotoluene
Concen: 46.528 ug/l
RT: 13.124 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

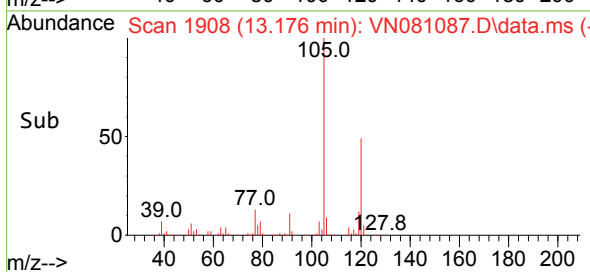
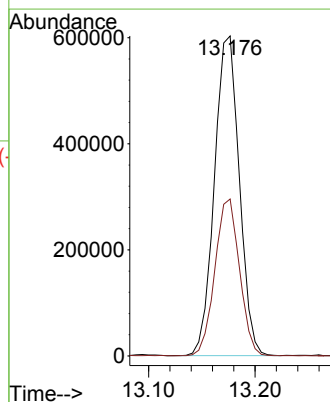
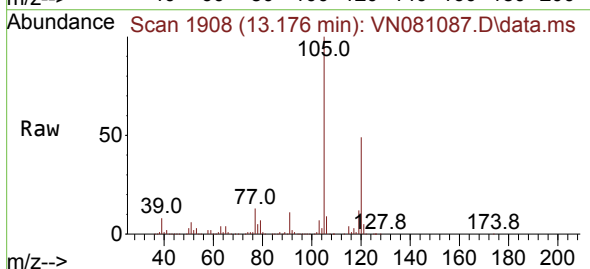
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

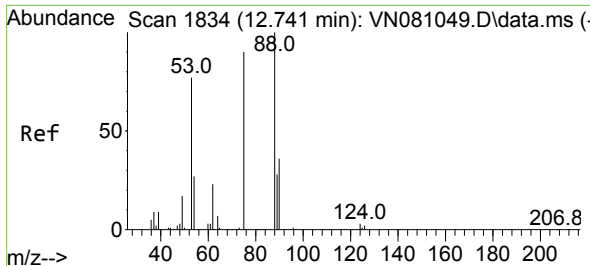
Tgt Ion: 91 Resp: 812780
Ion Ratio Lower Upper
91 100
126 33.5 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 48.682 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 105 Resp: 976498
Ion Ratio Lower Upper
105 100
120 48.7 23.0 69.0

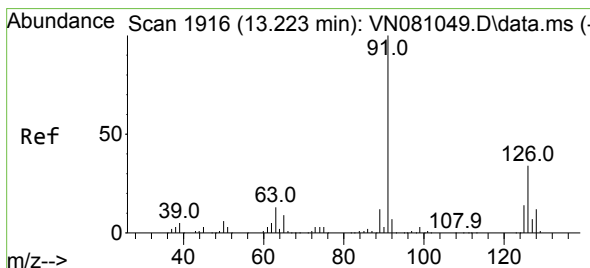
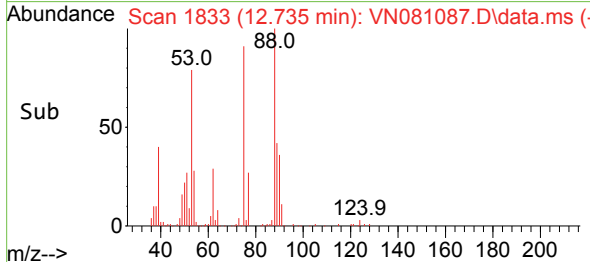
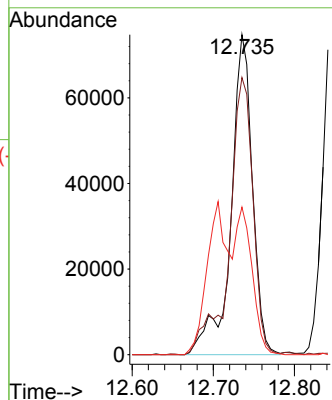
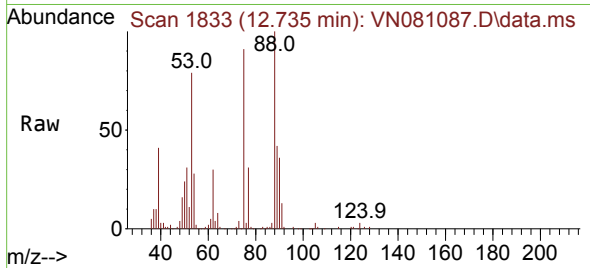




#81
trans-1,4-Dichloro-2-butene
Concen: 55.041 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

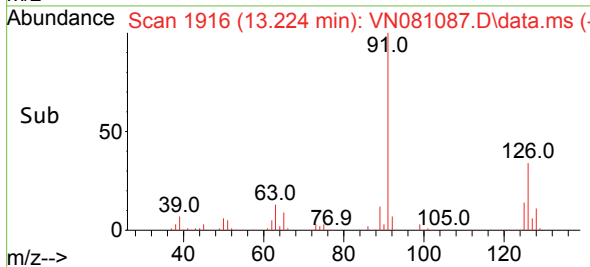
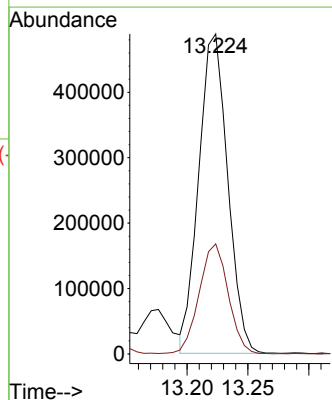
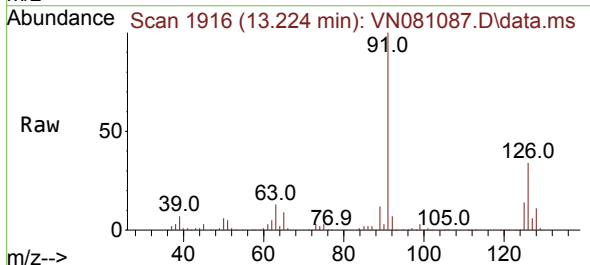
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

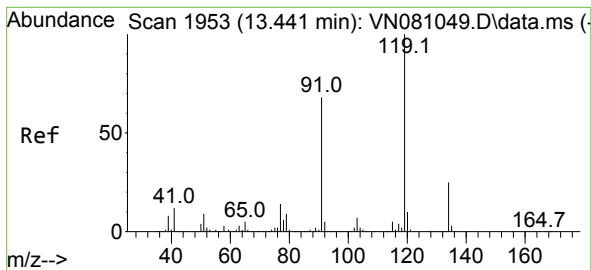
Tgt Ion: 75 Resp: 137380
Ion Ratio Lower Upper
75 100
53 94.5 71.4 107.2
89 34.5 33.4 50.0



#82
4-Chlorotoluene
Concen: 47.302 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 91 Resp: 807949
Ion Ratio Lower Upper
91 100
126 34.6 15.3 45.9

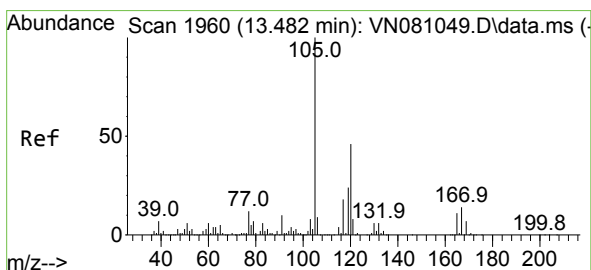
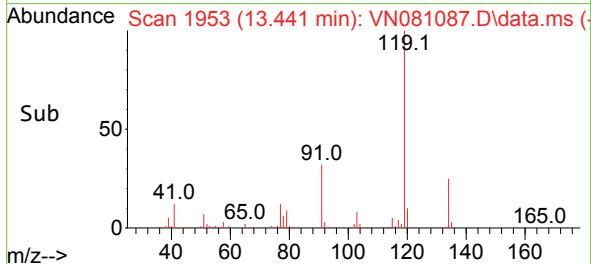
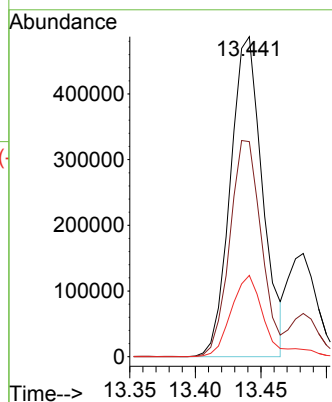
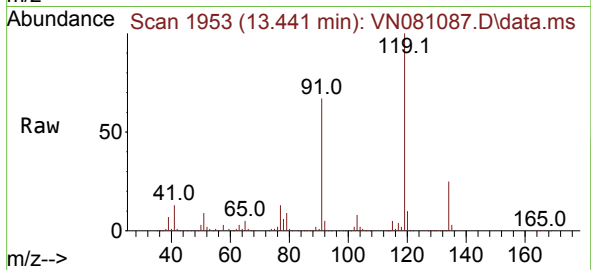




#83
tert-Butylbenzene
Concen: 47.905 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

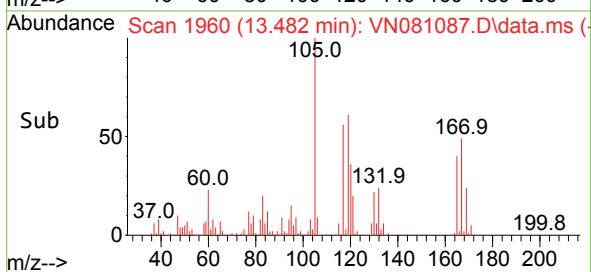
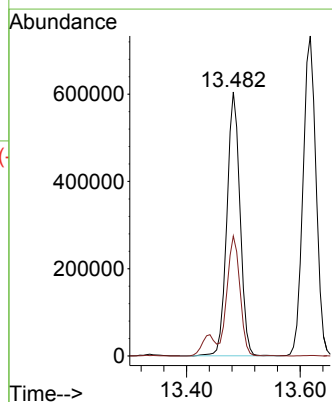
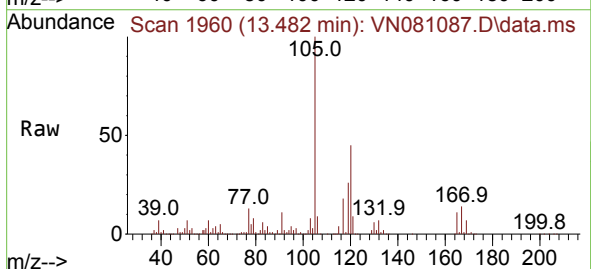
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

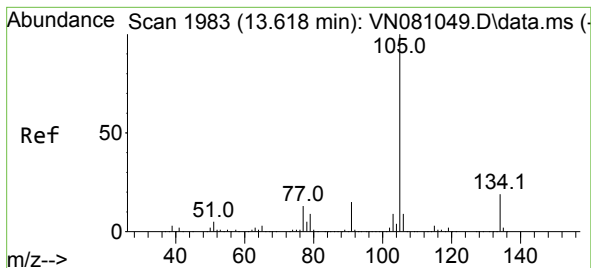
Tgt Ion:119 Resp: 830878
Ion Ratio Lower Upper
119 100
91 66.5 36.8 110.4
134 26.6 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 48.521 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion:105 Resp: 969842
Ion Ratio Lower Upper
105 100
120 45.1 20.9 62.7





#85

sec-Butylbenzene

Concen: 48.368 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

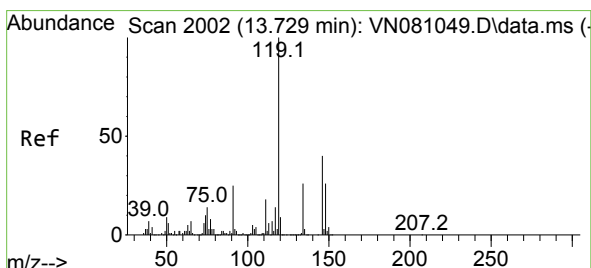
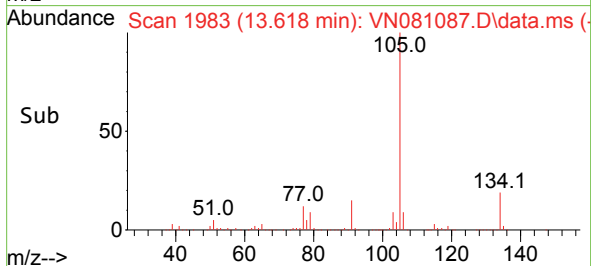
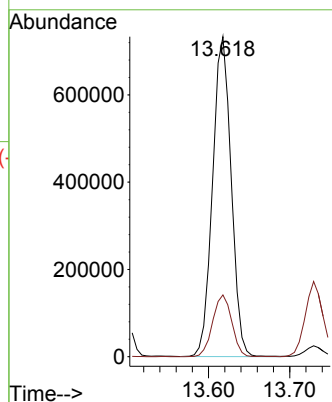
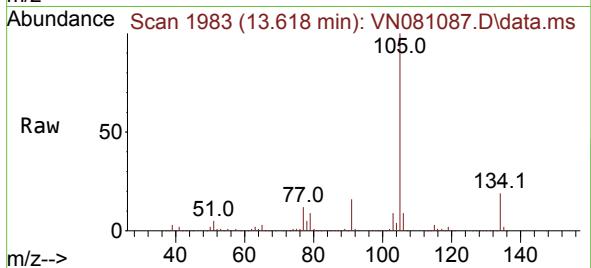
VSTDCCC050

Tgt Ion:105 Resp: 1166248

Ion Ratio Lower Upper

105 100

134 19.9 8.6 25.8



#86

p-Isopropyltoluene

Concen: 48.841 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

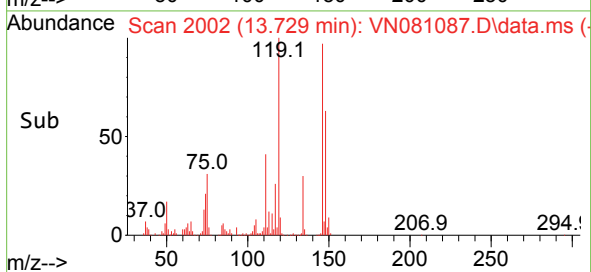
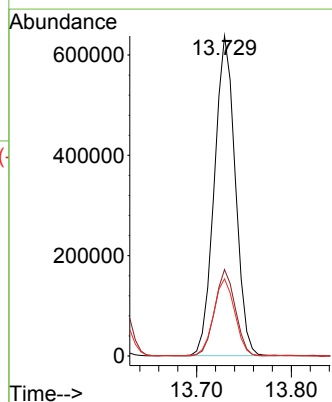
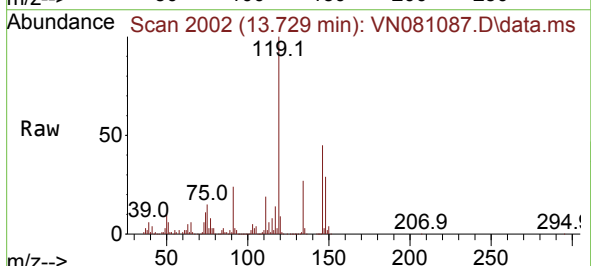
Tgt Ion:119 Resp: 978175

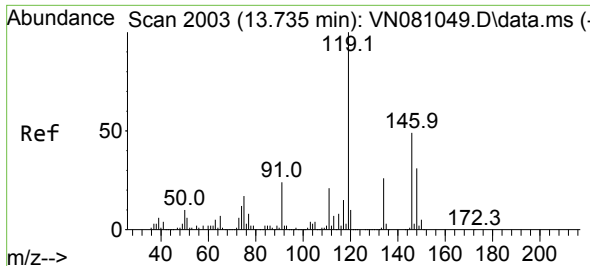
Ion Ratio Lower Upper

119 100

134 26.6 12.4 37.2

91 24.3 13.5 40.4

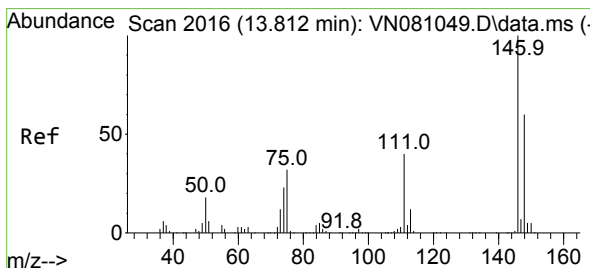
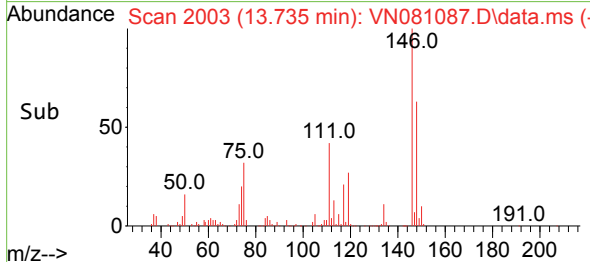
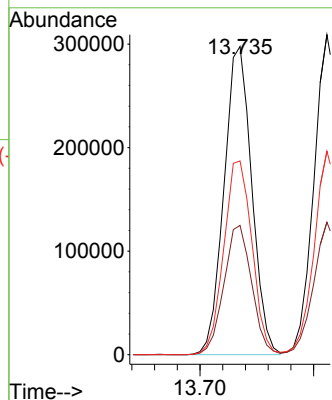
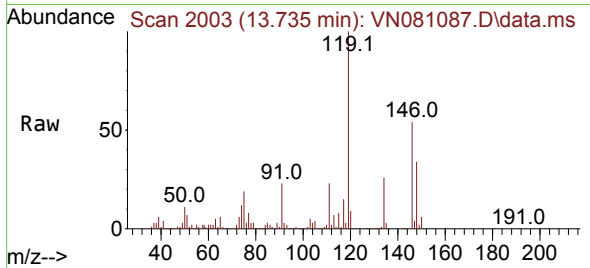




#87
 1,3-Dichlorobenzene
 Concen: 48.450 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081087.D
 Acq: 20 Feb 2024 10:21

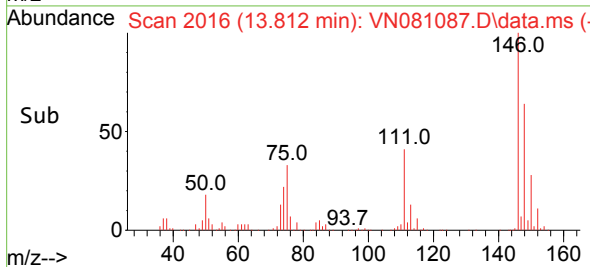
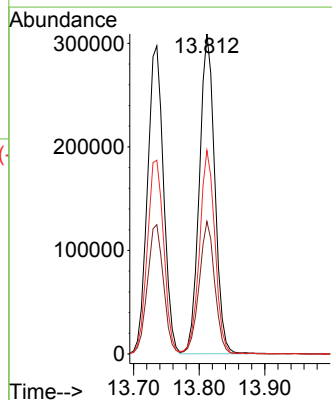
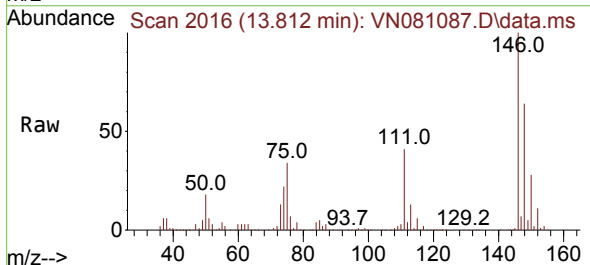
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

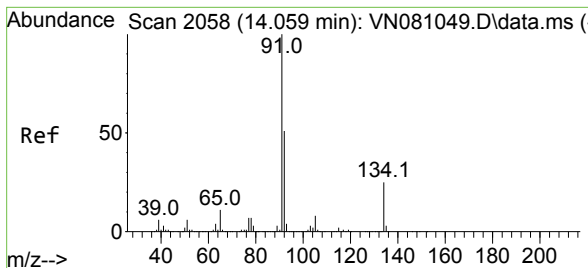
Tgt Ion:146 Resp: 504979
 Ion Ratio Lower Upper
 146 100
 111 41.9 23.9 71.7
 148 64.2 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 49.451 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081087.D
 Acq: 20 Feb 2024 10:21

Tgt Ion:146 Resp: 506444
 Ion Ratio Lower Upper
 146 100
 111 41.3 22.6 67.7
 148 63.2 31.9 95.5





#89

n-Butylbenzene

Concen: 49.977 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

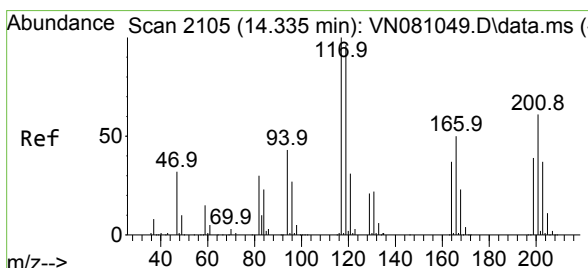
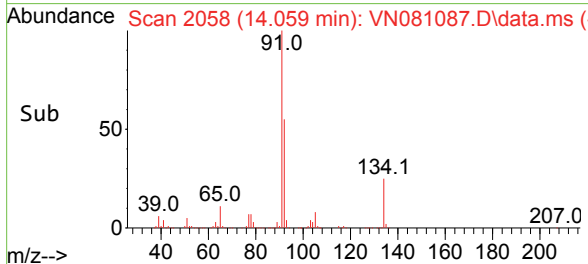
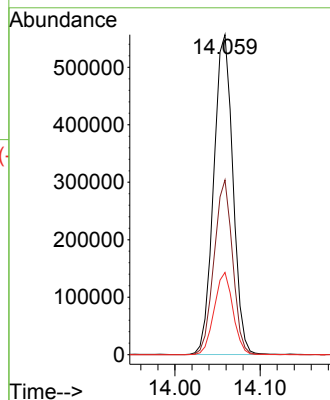
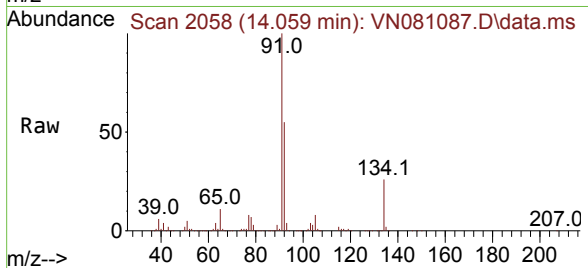
Tgt Ion: 91 Resp: 872004

Ion Ratio Lower Upper

91 100

92 52.8 26.7 80.1

134 25.1 10.8 32.4



#90

Hexachloroethane

Concen: 50.735 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081087.D

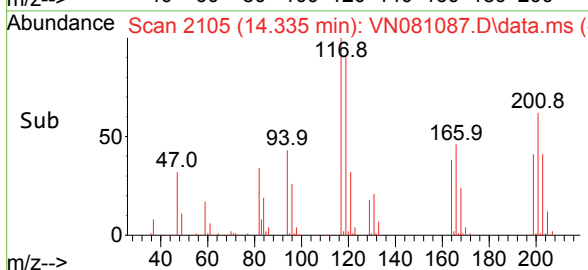
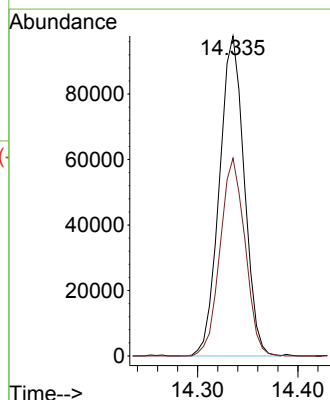
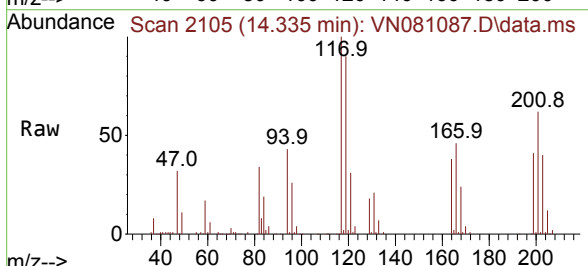
Acq: 20 Feb 2024 10:21

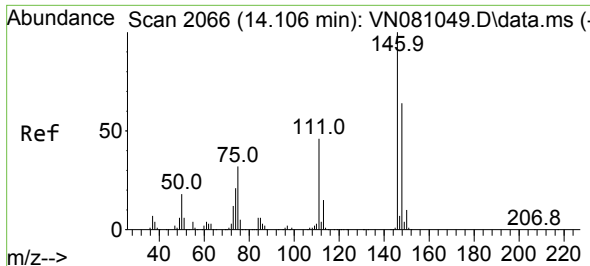
Tgt Ion: 117 Resp: 167959

Ion Ratio Lower Upper

117 100

201 62.1 30.0 90.0

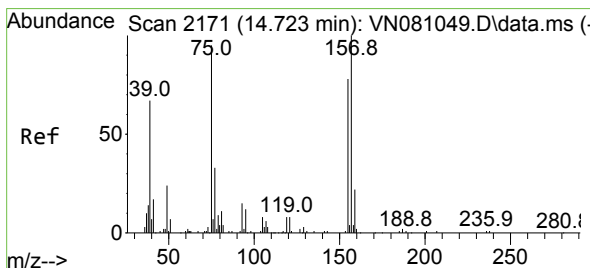
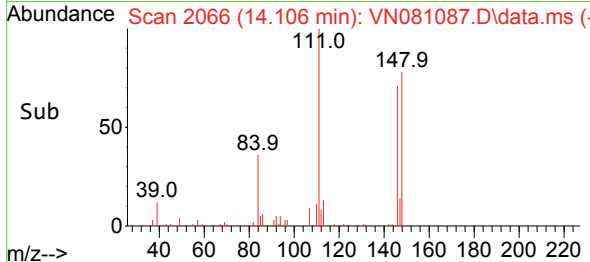
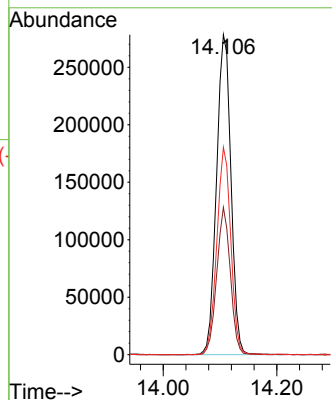
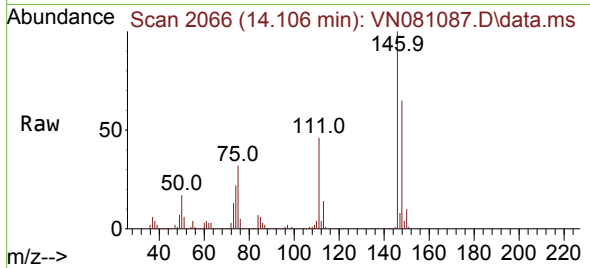




#91
1,2-Dichlorobenzene
Concen: 48.747 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

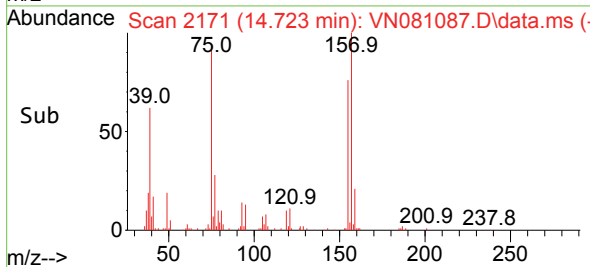
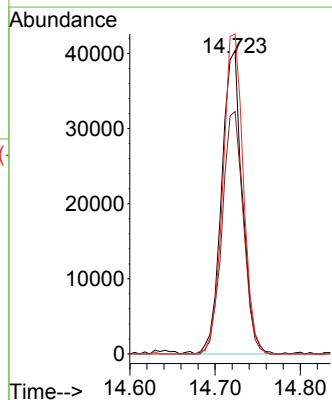
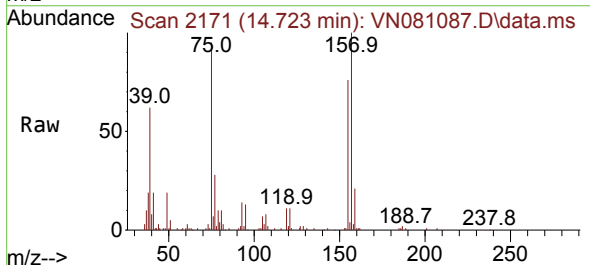
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

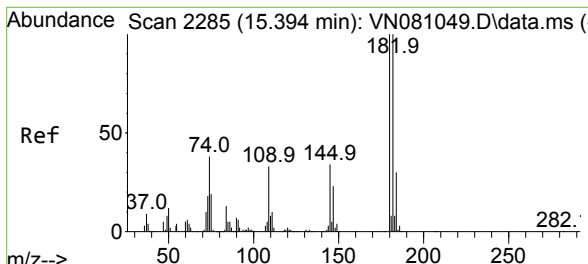
Tgt Ion:146 Resp: 490024
Ion Ratio Lower Upper
146 100
111 43.6 23.9 71.8
148 62.6 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.242 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081087.D
Acq: 20 Feb 2024 10:21

Tgt Ion: 75 Resp: 68328
Ion Ratio Lower Upper
75 100
155 81.5 31.8 95.4
157 104.4 41.1 123.4

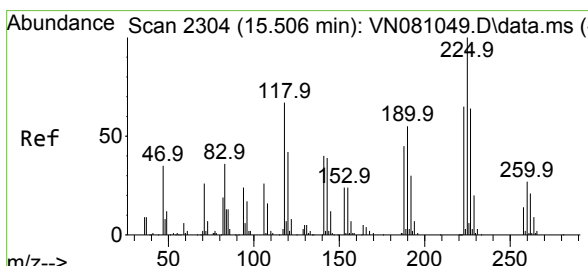
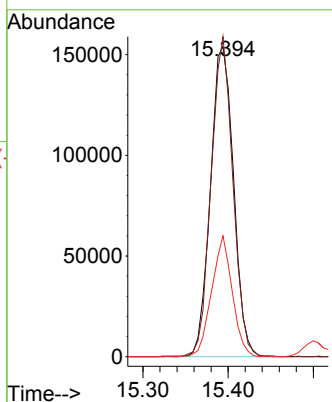
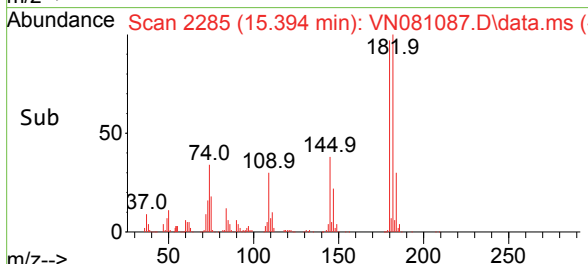
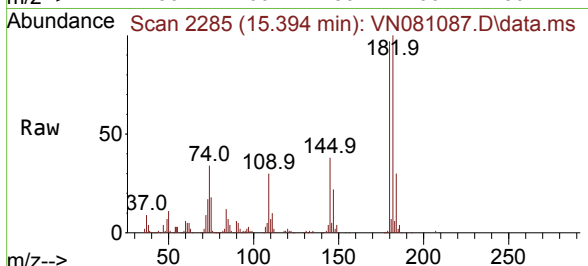




#93
 1,2,4-Trichlorobenzene
 Concen: 51.648 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081087.D
 Acq: 20 Feb 2024 10:21

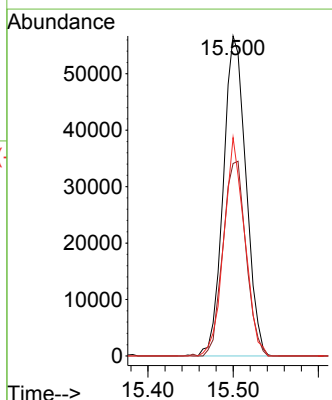
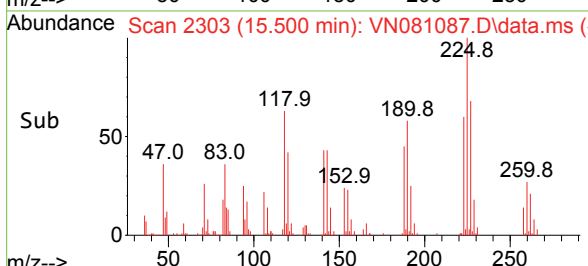
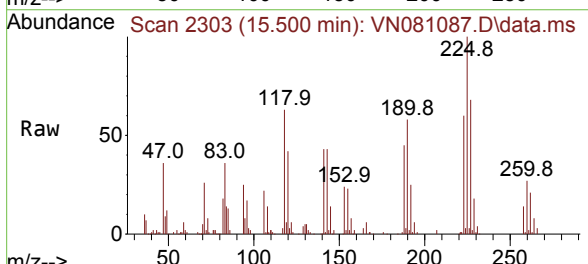
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

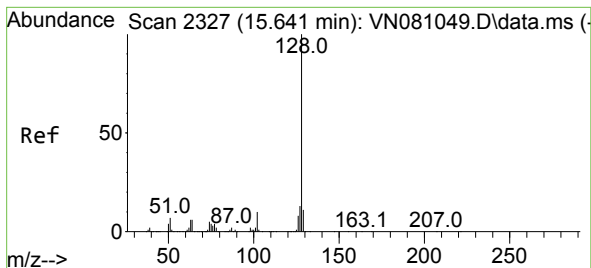
Tgt Ion:	180	Resp:	289652
Ion Ratio	Lower	Upper	
180	100		
182	97.3	46.6	139.7
145	34.8	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 50.100 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN081087.D
 Acq: 20 Feb 2024 10:21

Tgt Ion:	225	Resp:	104787
Ion Ratio	Lower	Upper	
225	100		
223	61.8	33.3	99.8
227	62.5	33.1	99.2





#95

Naphthalene

Concen: 51.052 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

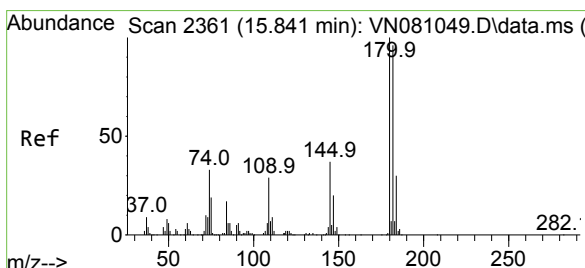
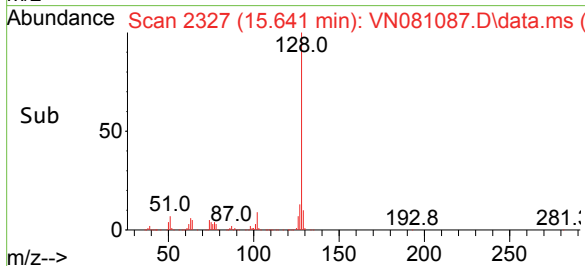
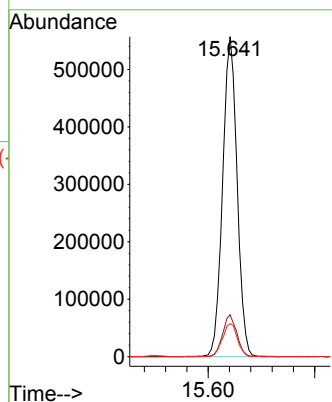
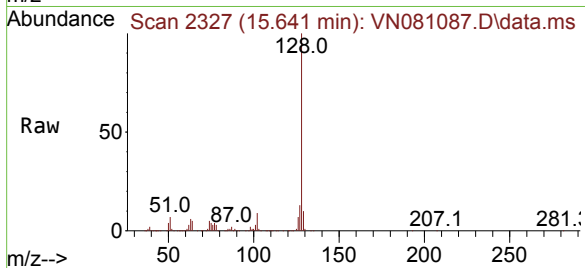
Tgt Ion:128 Resp: 1049181

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.994 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081087.D

Acq: 20 Feb 2024 10:21

Tgt Ion:180 Resp: 289267

Ion Ratio Lower Upper

180 100

182 95.5 46.5 139.3

145 36.5 17.8 53.4

