

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030524\
 Data File : VN081309.D
 Acq On : 05 Mar 2024 13:59
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Mar 06 02:57:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 01:47:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	304713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	582371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	498404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	4459	1.012	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.020%#
35) Dibromofluoromethane	8.165	113	3329	0.933	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	1.860%#
50) Toluene-d8	10.565	98	12488	0.936	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	1.880%#
62) 4-Bromofluorobenzene	12.847	95	3574	0.758	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	1.520%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	3476	0.861	ug/l	98
3) Chloromethane	2.365	50	5392	1.236	ug/l	89
4) Vinyl Chloride	2.512	62	5310	1.167	ug/l	100
5) Bromomethane	2.959	94	2309	0.760	ug/l #	78
6) Chloroethane	3.118	64	3712	1.187	ug/l	98
7) Trichlorofluoromethane	3.494	101	7006	1.040	ug/l	87
8) Diethyl Ether	3.977	74	2364	0.996	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.383	101	4265	1.112	ug/l	95
10) Methyl Iodide	4.583	142	3496	0.996	ug/l #	82
11) Tert butyl alcohol	5.518	59	2974	3.860	ug/l #	82
12) 1,1-Dichloroethene	4.347	96	3819	1.075	ug/l #	68
13) Acrolein	4.177	56	5566	6.101	ug/l	98
14) Allyl chloride	5.036	41	3431	0.651	ug/l #	44
15) Acrylonitrile	5.736	53	10873	5.402	ug/l	94
16) Acetone	4.430	43	9312	5.965	ug/l #	86
17) Carbon Disulfide	4.718	76	11686	1.153	ug/l #	87
18) Methyl Acetate	5.006	43	1999	0.447	ug/l #	54
19) Methyl tert-butyl Ether	5.800	73	13165	1.093	ug/l	98
20) Methylene Chloride	5.277	84	6181	0.804	ug/l #	76
21) trans-1,2-Dichloroethene	5.794	96	4810	1.201	ug/l	94
22) Diisopropyl ether	6.677	45	10538	0.900	ug/l #	87
23) Vinyl Acetate	6.612	43	44087	4.636	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	4924	0.687	ug/l #	85
25) 2-Butanone	7.488	43	14451	5.528	ug/l	100
26) 2,2-Dichloropropane	7.488	77	7327	1.157	ug/l	88
27) cis-1,2-Dichloroethene	7.477	96	5144	1.133	ug/l	79
28) Bromochloromethane	7.824	49	3488	1.138	ug/l #	81
29) Tetrahydrofuran	7.853	42	9759	5.475	ug/l #	91
30) Chloroform	7.965	83	7819	1.052	ug/l #	78
31) Cyclohexane	8.235	56	8645	1.296	ug/l #	1
32) 1,1,1-Trichloroethane	8.165	97	6657	1.013	ug/l #	49
36) 1,1-Dichloropropene	8.365	75	5930	1.030	ug/l	93
37) Ethyl Acetate	7.559	43	6212	1.104	ug/l #	95
38) Carbon Tetrachloride	8.359	117	5433	0.938	ug/l #	80
39) Methylcyclohexane	9.606	83	6441	0.972	ug/l #	66
40) Benzene	8.612	78	17495	1.018	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	3491	1.099	ug/l	91
42) 1,2-Dichloroethane	8.671	62	6111	1.009	ug/l	100
43) Isopropyl Acetate	8.694	43	10887	1.105	ug/l	95
44) Trichloroethene	9.353	130	4729	1.091	ug/l	81
45) 1,2-Dichloropropane	9.624	63	4181	0.969	ug/l #	85
46) Dibromomethane	9.706	93	2978	0.979	ug/l	89
47) Bromodichloromethane	9.894	83	5742	0.972	ug/l #	81
48) Methyl methacrylate	9.688	41	4262	0.979	ug/l #	84
49) 1,4-Dioxane	9.706	88	1922	20.031	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	25691	4.492	ug/l	97
52) Toluene	10.635	92	9580	0.923	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	6136	0.960	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	6439	0.933	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	3776	0.917	ug/l #	81
56) Ethyl methacrylate	10.876	69	5055	0.855	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	7336	1.021	ug/l	90
58) 2-Chloroethyl Vinyl ether	10.165	63	13752	4.326	ug/l	90
59) 2-Hexanone	11.194	43	19407	4.539	ug/l	96
60) Dibromochloromethane	11.359	129	3998	0.943	ug/l	84
61) 1,2-Dibromoethane	11.470	107	3990	0.934	ug/l	98
64) Tetrachloroethene	11.106	164	4017	1.029	ug/l #	80
65) Chlorobenzene	11.900	112	10658	1.015	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.959	131	3800	0.989	ug/l #	61
67) Ethyl Benzene	11.965	91	18432	0.974	ug/l	95
68) m/p-Xylenes	12.076	106	13856	1.946	ug/l	83
69) o-Xylene	12.406	106	6681	0.968	ug/l	90
70) Styrene	12.412	104	9180	0.839	ug/l	95
71) Bromoform	12.582	173	2798	1.049	ug/l #	94
73) Isopropylbenzene	12.694	105	15455	0.960	ug/l	99
74) N-amyl acetate	12.500	43	6270	0.928	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	5694	1.146	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	7791	1.614	ug/l	48
77) Bromobenzene	12.976	156	4887	1.280	ug/l	56
78) n-propylbenzene	13.041	91	17315	0.909	ug/l	94
79) 2-Chlorotoluene	13.123	91	11934	1.025	ug/l	89
80) 1,3,5-Trimethylbenzene	13.176	105	11796	0.886	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.747	75	1719	1.019	ug/l #	82
82) 4-Chlorotoluene	13.229	91	11526	1.002	ug/l	89
83) tert-Butylbenzene	13.441	119	11425	1.001	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	11816	0.876	ug/l	94
85) sec-Butylbenzene	13.617	105	14884	0.902	ug/l	89
86) p-Isopropyltoluene	13.729	119	10823	0.818	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	8487	1.177	ug/l	95
88) 1,4-Dichlorobenzene	13.735	146	8487	1.178	ug/l	96
89) n-Butylbenzene	14.059	91	11521	0.949	ug/l	94
90) Hexachloroethane	14.335	117	2334	1.007	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	7522	1.088	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1195	1.124	ug/l	74
93) 1,2,4-Trichlorobenzene	15.400	180	3975	1.075	ug/l	94
94) Hexachlorobutadiene	15.505	225	1873	1.226	ug/l	80
95) Naphthalene	15.641	128	12832	0.976	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.835	180	4135	1.103	ug/l	96

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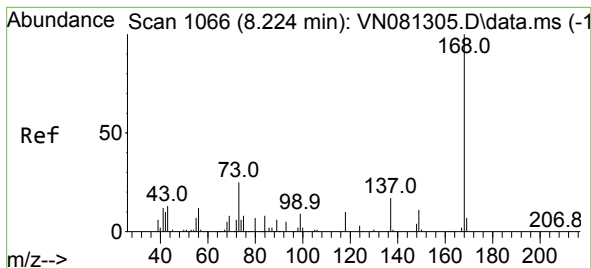
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

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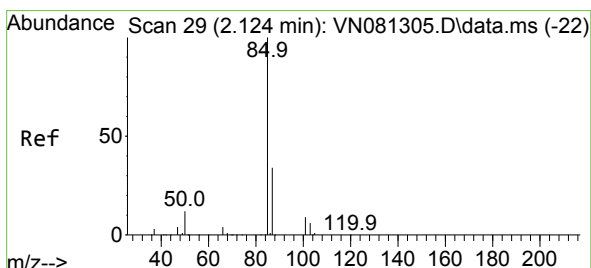
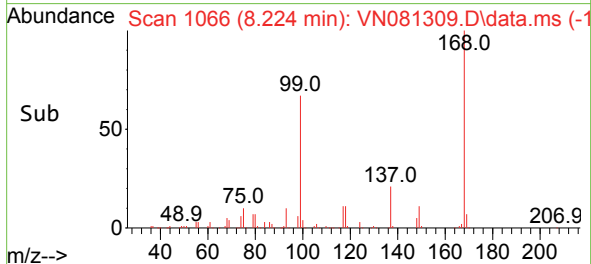
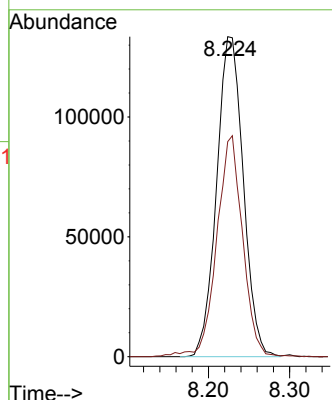
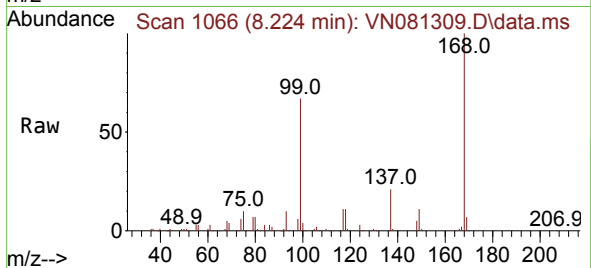
VSTDICC001

Tgt Ion:168 Resp: 304713

Ion Ratio Lower Upper

168 100

99 67.0 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 0.861 ug/l

RT: 2.130 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN081309.D

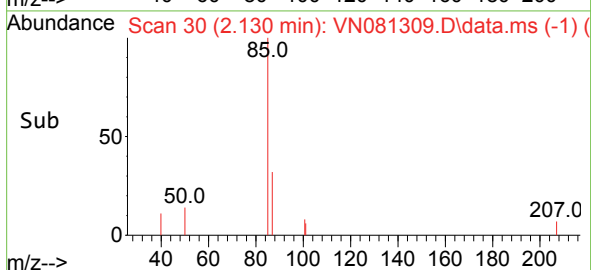
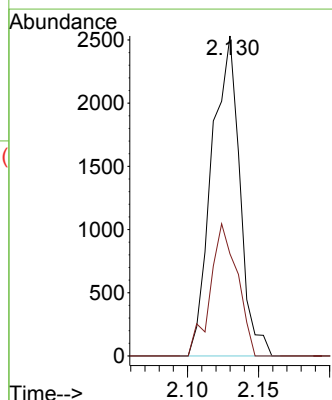
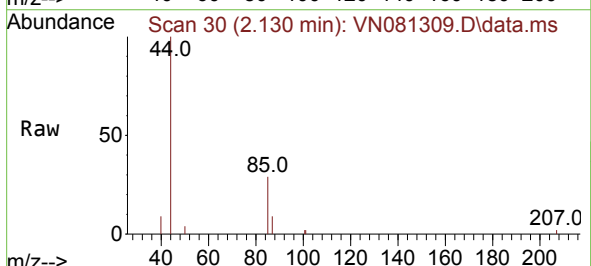
Acq: 05 Mar 2024 13:59

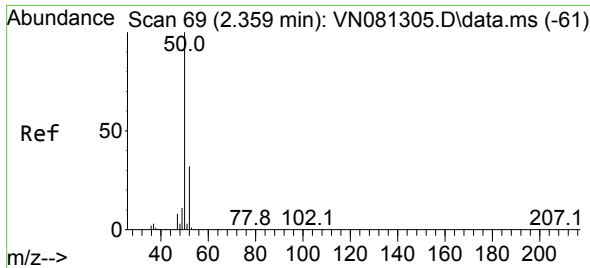
Tgt Ion: 85 Resp: 3476

Ion Ratio Lower Upper

85 100

87 31.9 15.3 45.9

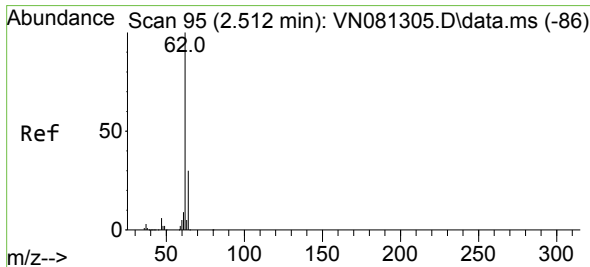
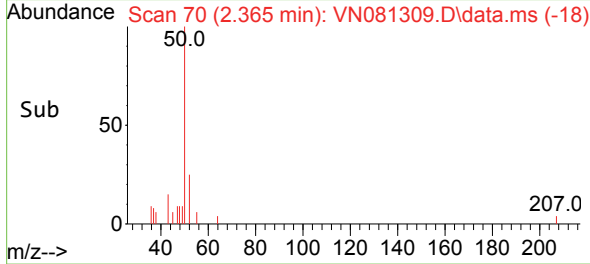
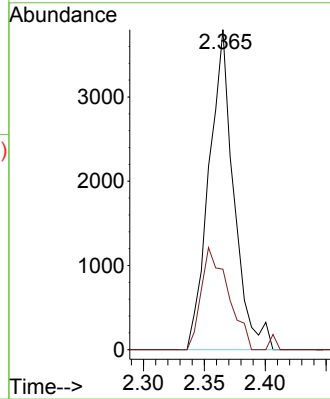
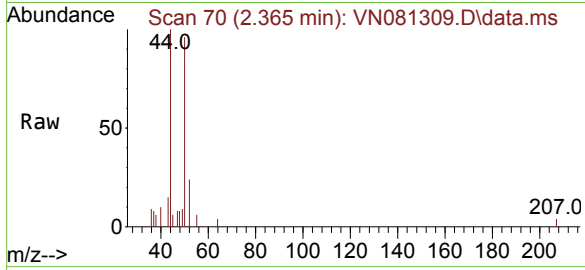




#3
Chloromethane
Concen: 1.236 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
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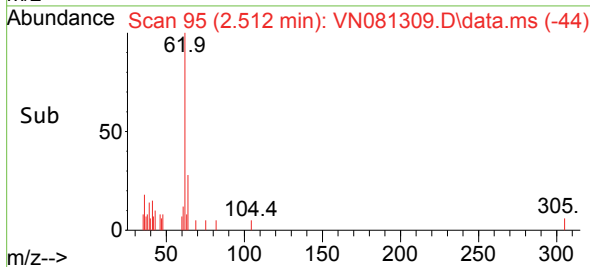
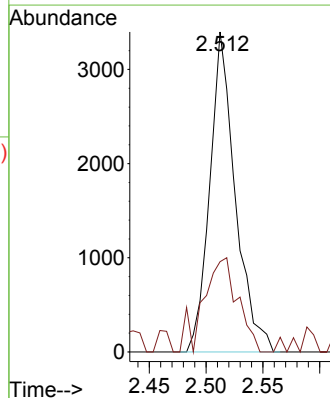
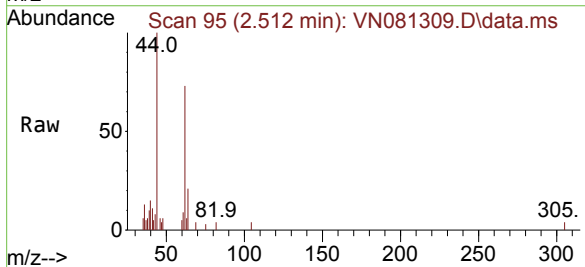
Instrument :
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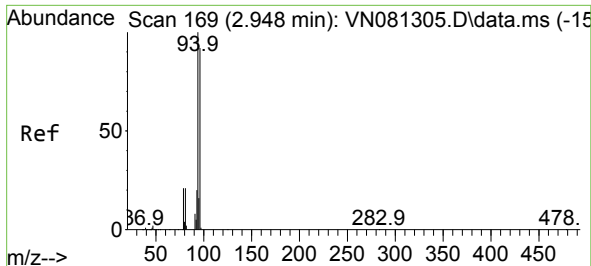
Tgt Ion: 50 Resp: 5392
Ion Ratio Lower Upper
50 100
52 25.2 25.0 37.4



#4
Vinyl Chloride
Concen: 1.167 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 62 Resp: 5310
Ion Ratio Lower Upper
62 100
64 28.2 22.7 34.1

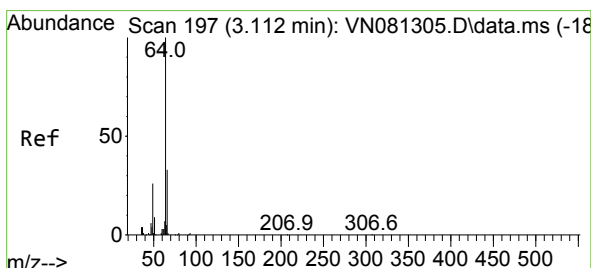
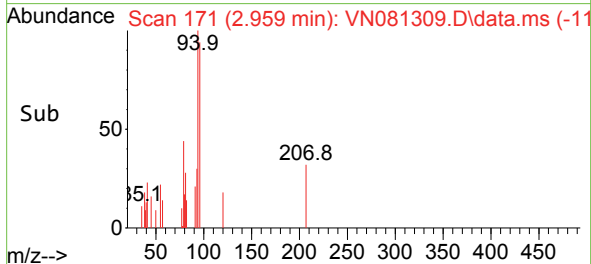
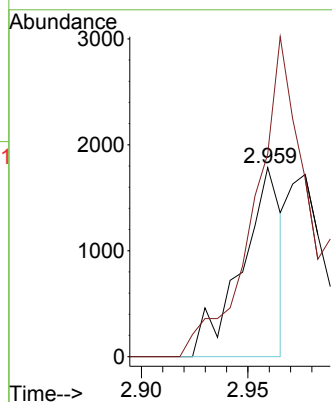
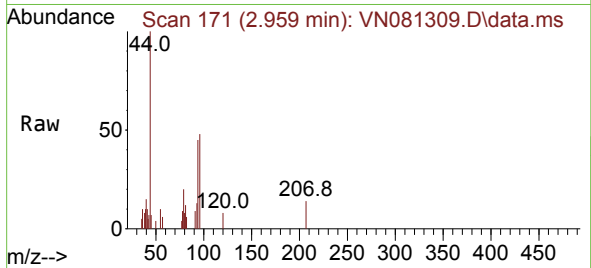




#5
Bromomethane
Concen: 0.760 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081309.D
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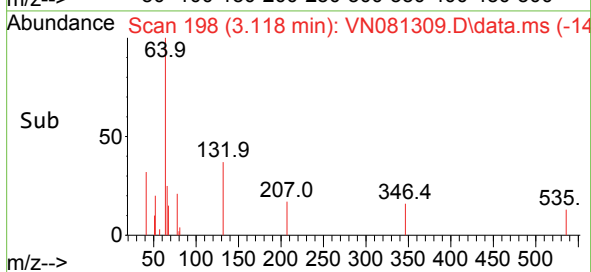
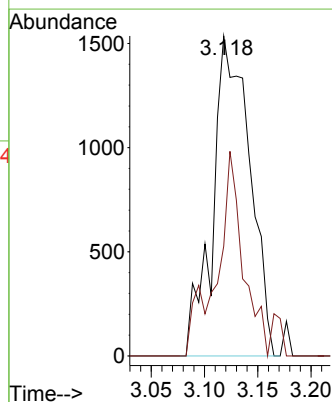
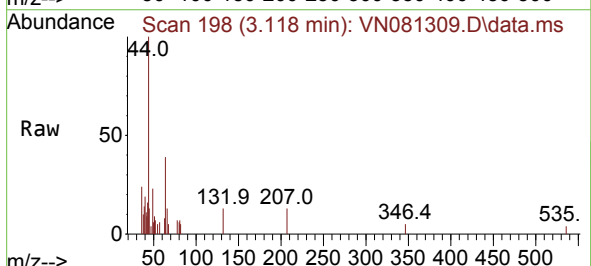
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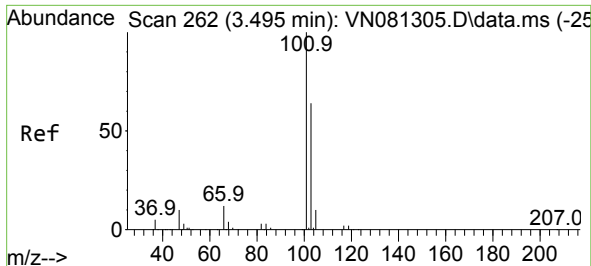
Tgt Ion: 94 Resp: 2309
Ion Ratio Lower Upper
94 100
96 107.2 69.2 103.8#



#6
Chloroethane
Concen: 1.187 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 64 Resp: 3712
Ion Ratio Lower Upper
64 100
66 34.3 26.4 39.6

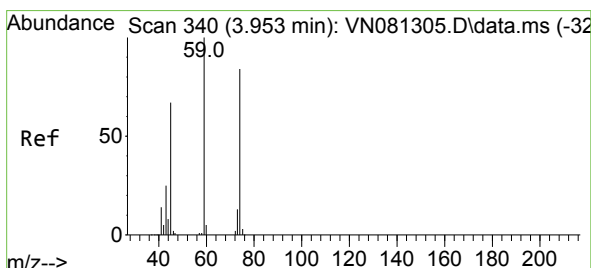
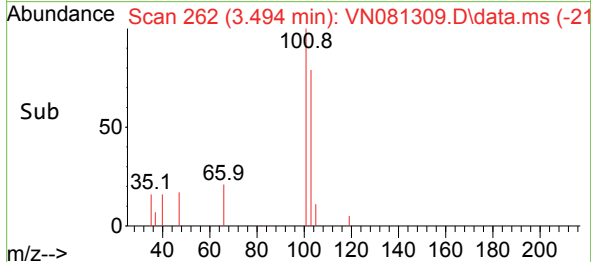
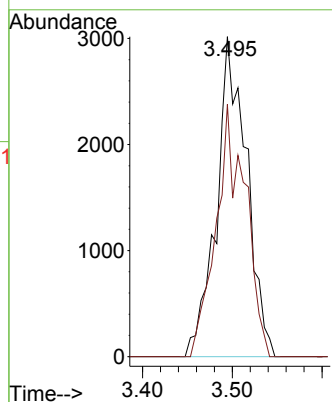
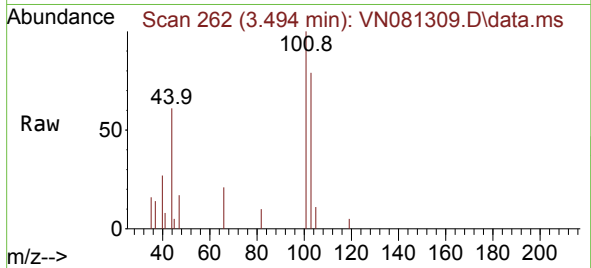




#7
Trichlorofluoromethane
Concen: 1.040 ug/l
RT: 3.494 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN081309.D
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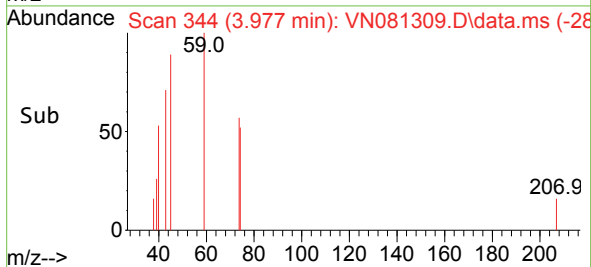
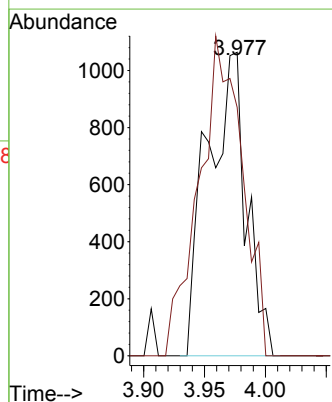
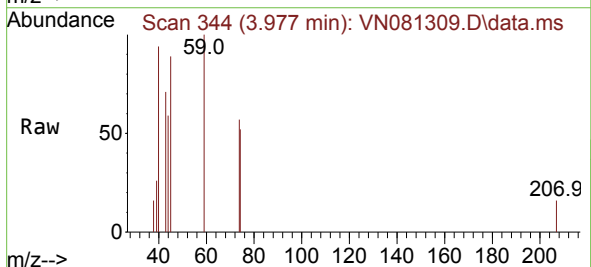
Instrument :
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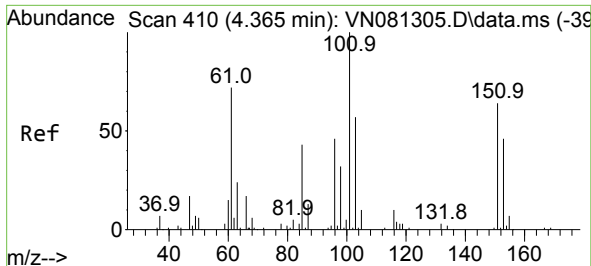
Tgt Ion:101 Resp: 7006
Ion Ratio Lower Upper
101 100
103 78.9 54.4 81.6



#8
Diethyl Ether
Concen: 0.996 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.023 min
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Acq: 05 Mar 2024 13:59

Tgt Ion: 74 Resp: 2364
Ion Ratio Lower Upper
74 100
45 117.3 53.3 159.9

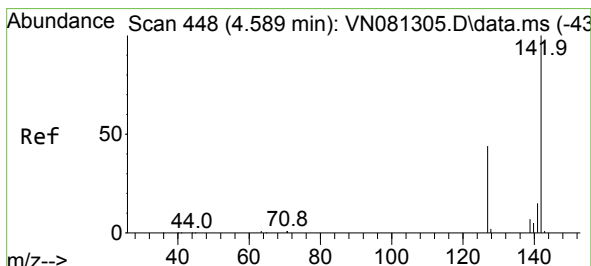
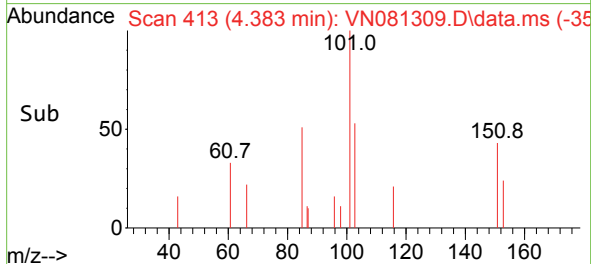
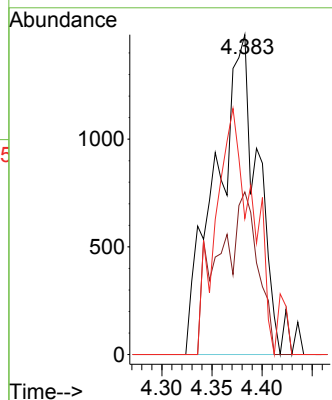
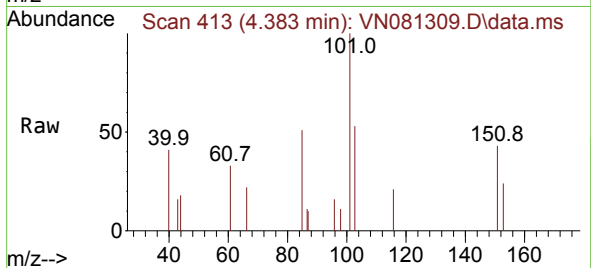




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.112 ug/l
RT: 4.383 min Scan# 410
Delta R.T. 0.018 min
Lab File: VN081309.D
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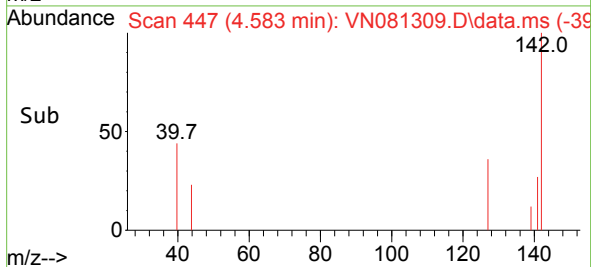
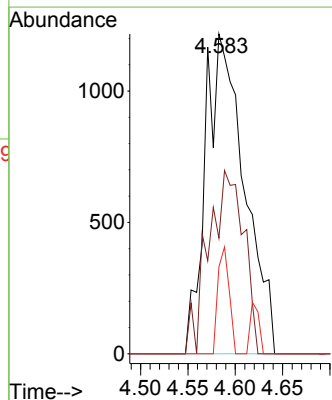
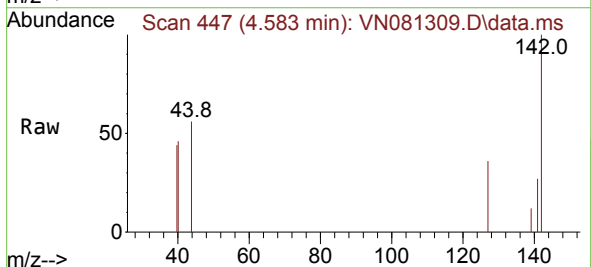
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

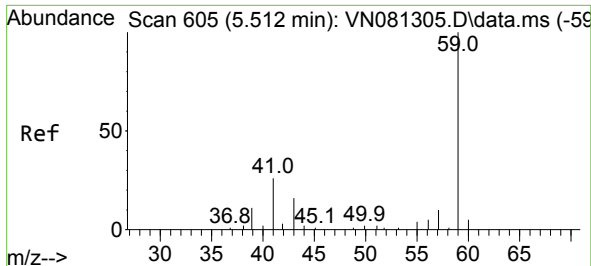
Tgt Ion:101 Resp: 4265
Ion Ratio Lower Upper
101 100
85 48.2 38.1 57.1
151 67.3 49.1 73.7



#10
Methyl Iodide
Concen: 0.996 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion:142 Resp: 3496
Ion Ratio Lower Upper
142 100
127 36.2 37.0 55.4#
141 27.2 12.5 18.7#

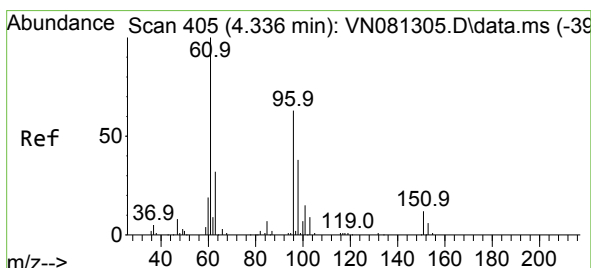
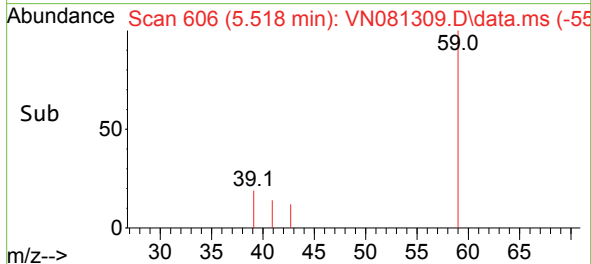
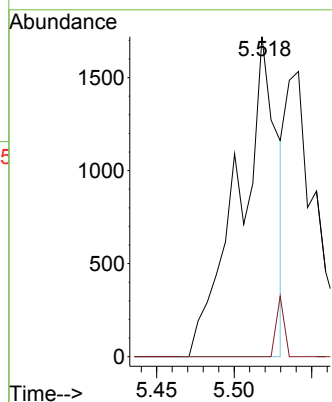
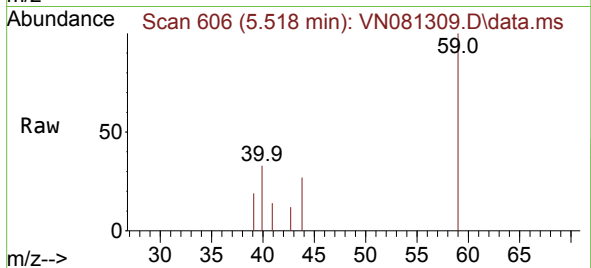




#11
Tert butyl alcohol
Concen: 3.860 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

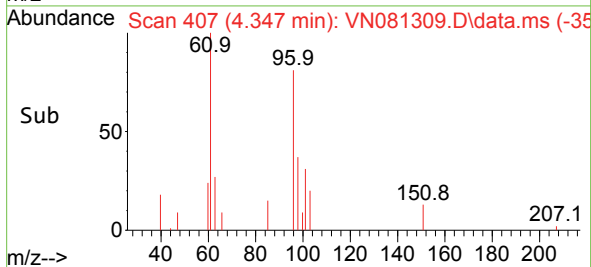
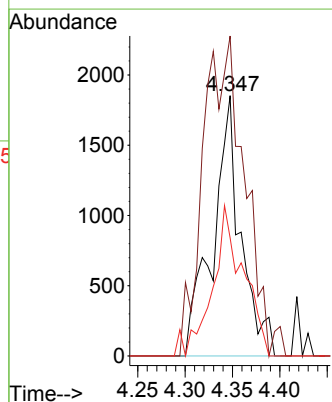
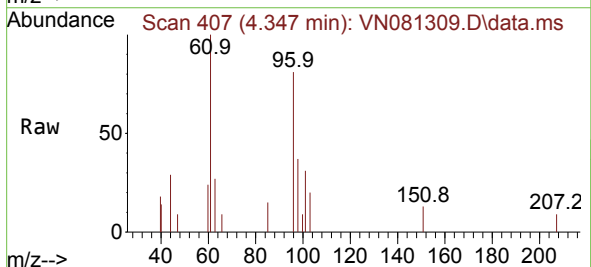
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

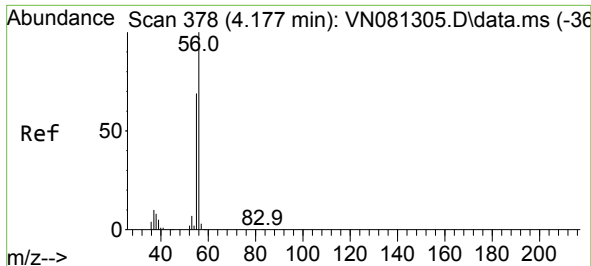
Tgt Ion: 59 Resp: 2974
Ion Ratio Lower Upper
59 100
57 3.9 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 1.075 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 96 Resp: 3819
Ion Ratio Lower Upper
96 100
61 122.9 138.2 207.4#
98 45.4 49.2 73.8#





#13

Acrolein

Concen: 6.101 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

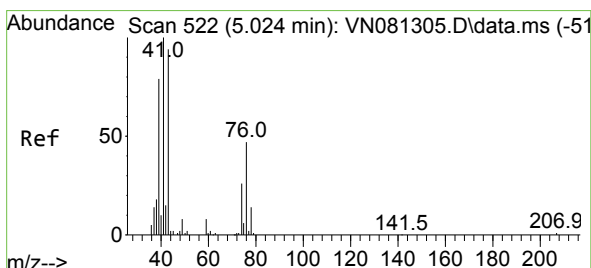
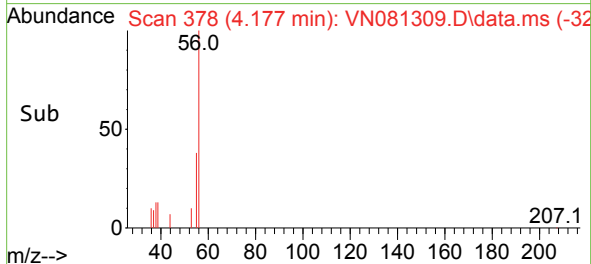
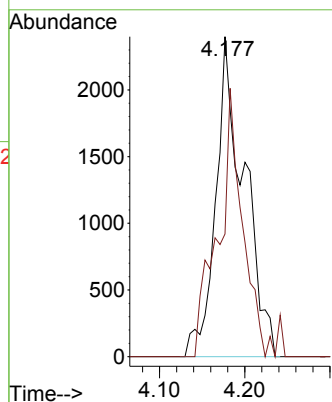
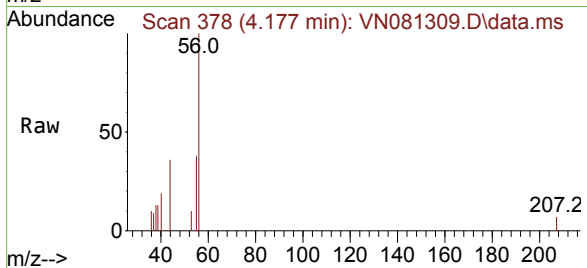
VSTDICC001

Tgt Ion: 56 Resp: 5566

Ion Ratio Lower Upper

56 100

55 71.0 55.3 82.9



#14

Allyl chloride

Concen: 0.651 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.012 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

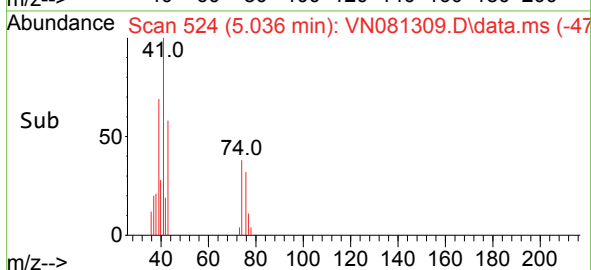
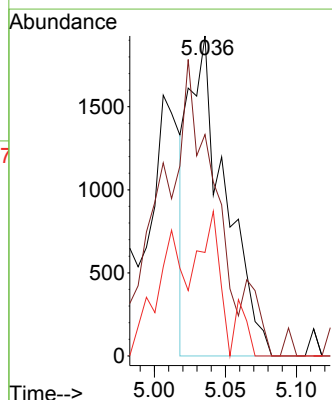
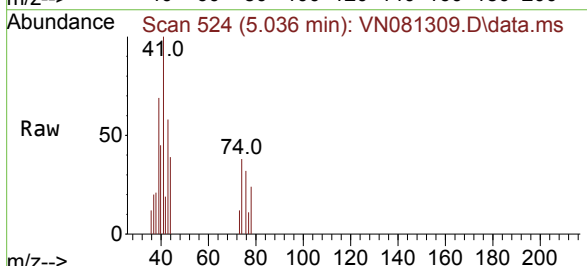
Tgt Ion: 41 Resp: 3431

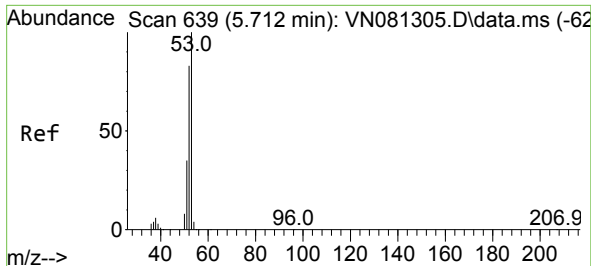
Ion Ratio Lower Upper

41 100

39 135.8 57.7 86.5#

76 26.1 26.8 40.2#

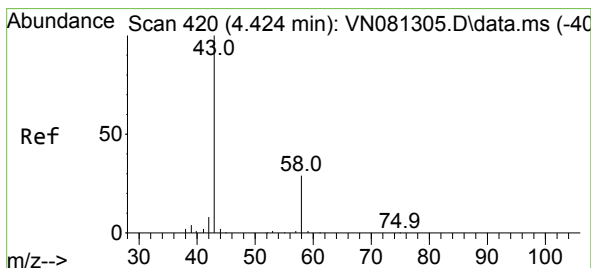
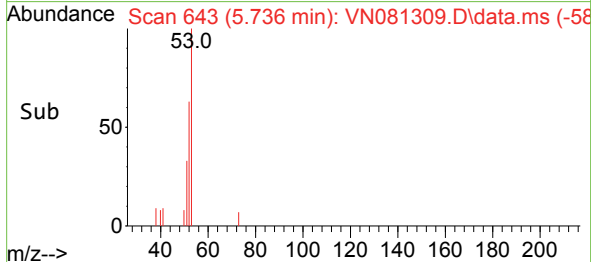
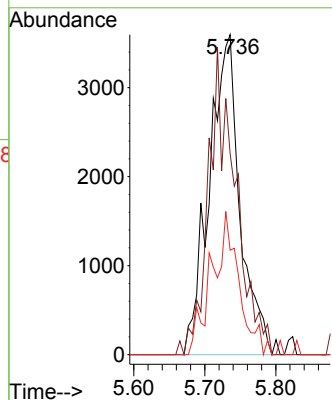
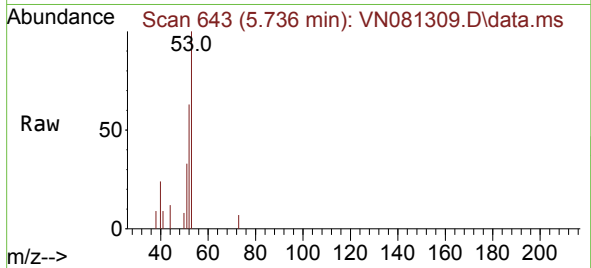




#15
Acrylonitrile
Concen: 5.402 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.023 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

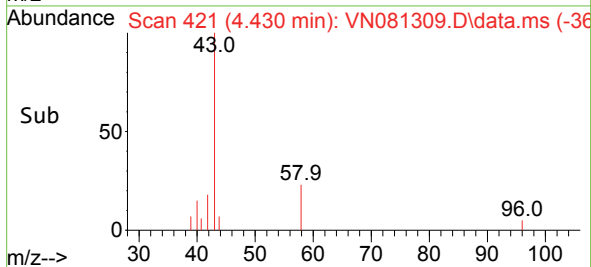
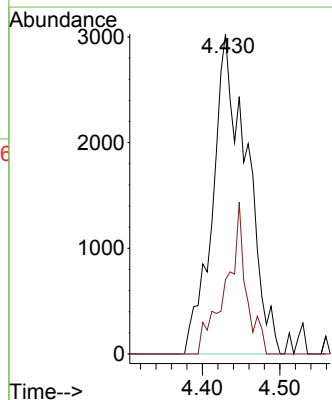
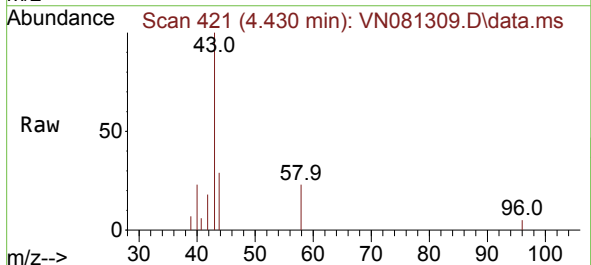
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

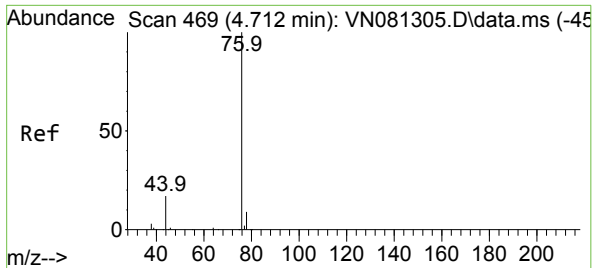
Tgt Ion: 53	Resp: 10873
Ion Ratio	Lower Upper
53	100
52	84.5 64.8 97.2
51	39.1 26.9 40.3



#16
Acetone
Concen: 5.965 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 43	Resp: 9312
Ion Ratio	Lower Upper
43	100
58	23.2 24.8 37.2#

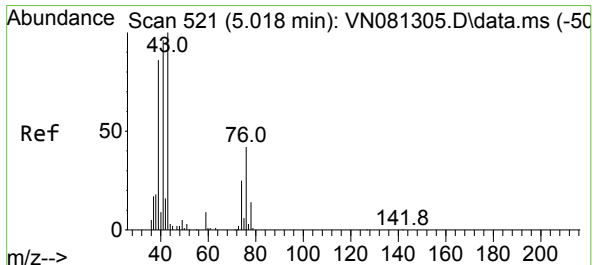
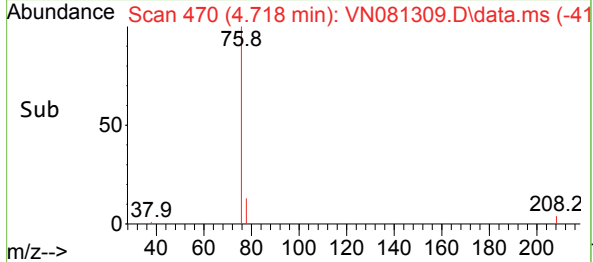
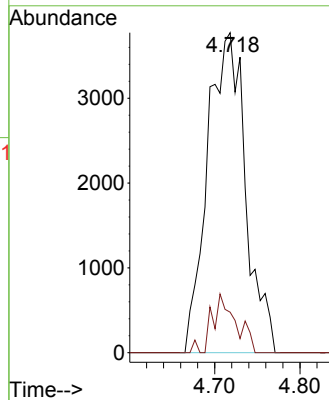
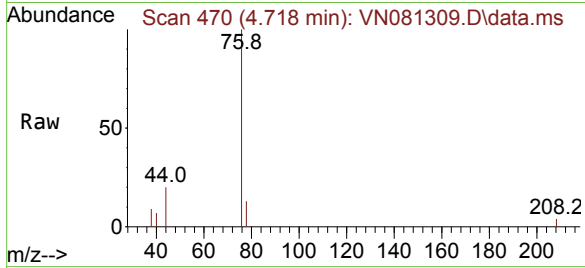




#17
Carbon Disulfide
Concen: 1.153 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

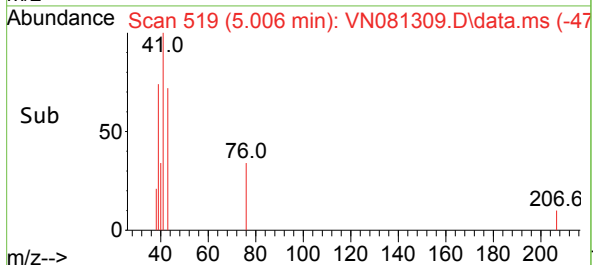
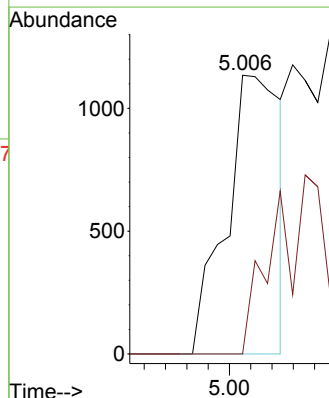
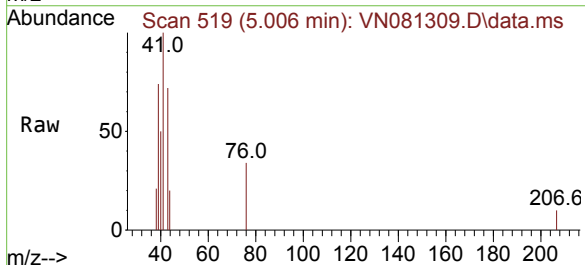
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

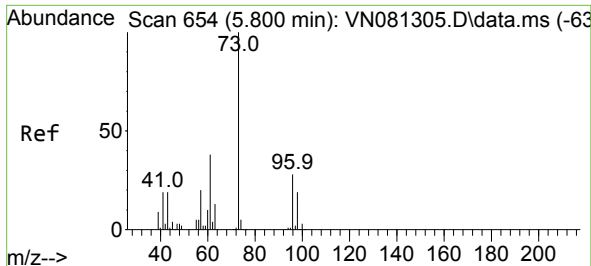
Tgt Ion: 76 Resp: 11686
Ion Ratio Lower Upper
76 100
78 12.6 6.3 9.5#



#18
Methyl Acetate
Concen: 0.447 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.012 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 43 Resp: 1999
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#

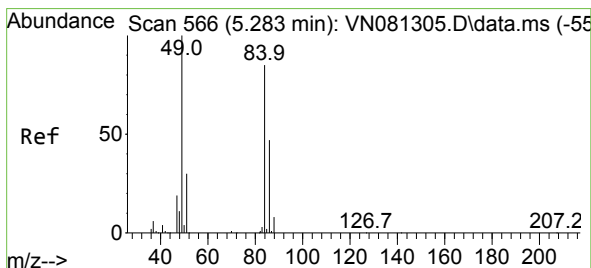
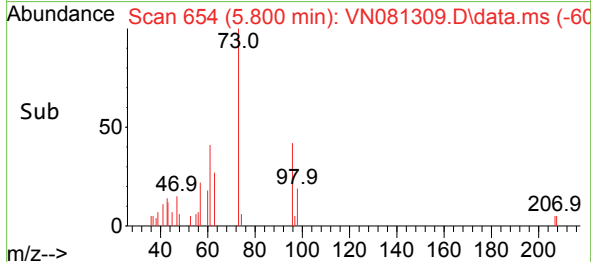
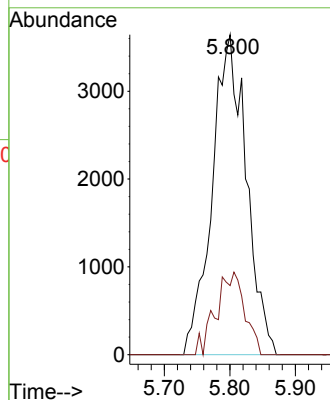
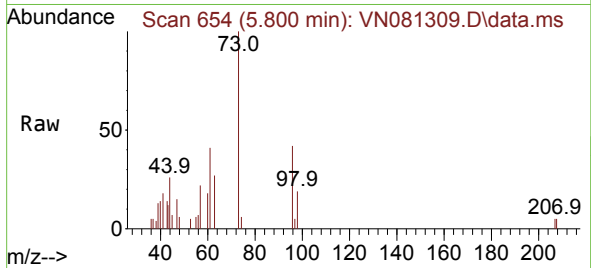




#19
Methyl tert-butyl Ether
Concen: 1.093 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

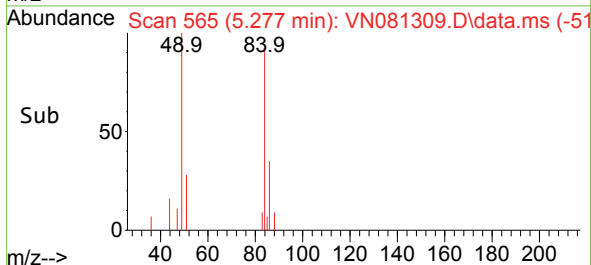
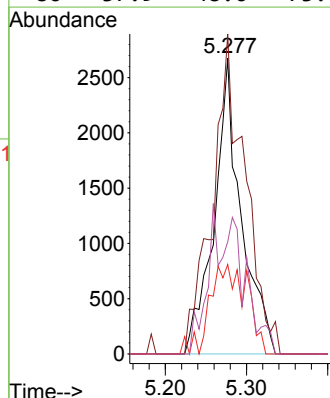
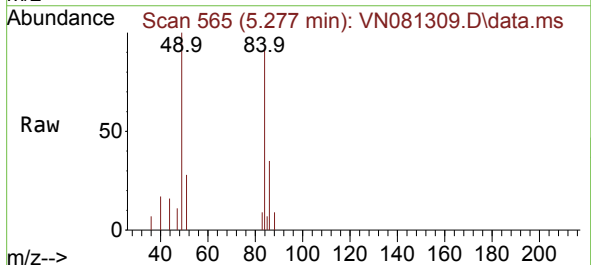
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

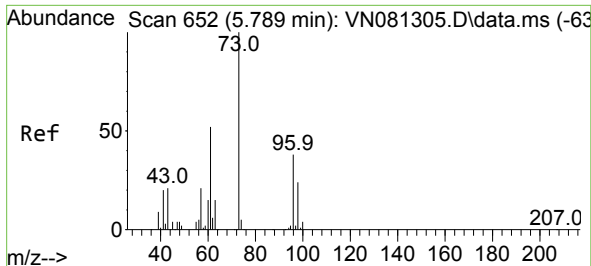
Tgt Ion: 73 Resp: 13165
Ion Ratio Lower Upper
73 100
57 21.6 18.2 27.4



#20
Methylene Chloride
Concen: 0.804 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 84 Resp: 6181
Ion Ratio Lower Upper
84 100
49 108.2 108.1 162.1
51 30.2 32.9 49.3#
86 37.9 48.6 73.0#

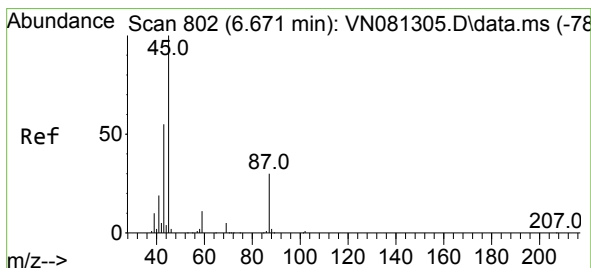
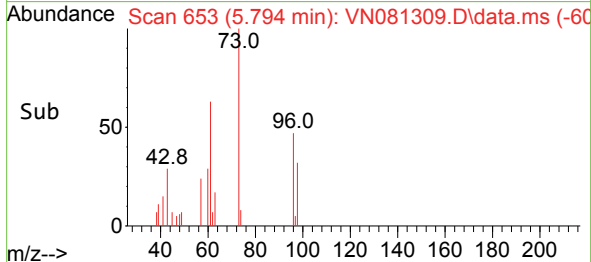
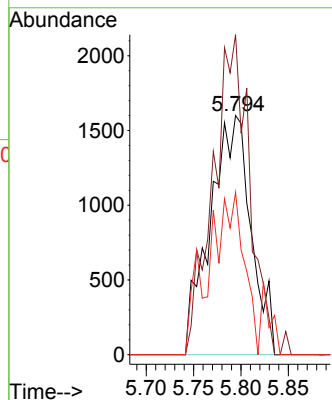
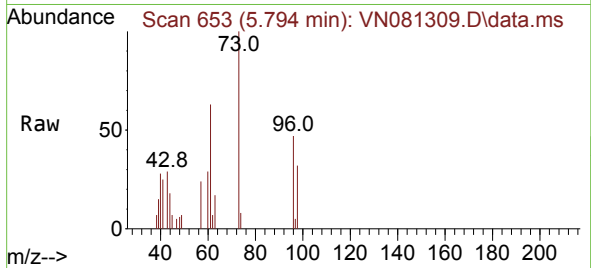




#21
trans-1,2-Dichloroethene
Concen: 1.201 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

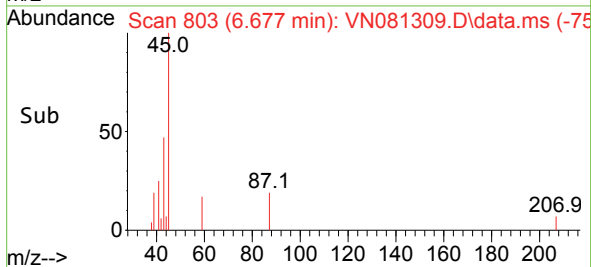
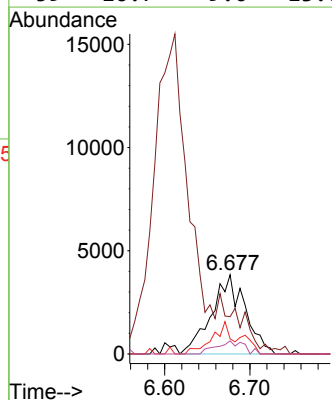
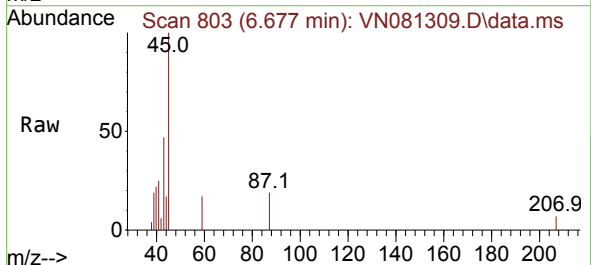
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

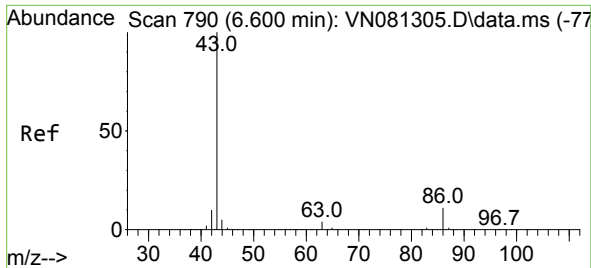
Tgt Ion: 96 Resp: 4810
Ion Ratio Lower Upper
96 100
61 133.8 112.8 169.2
98 67.9 51.0 76.4



#22
Diisopropyl ether
Concen: 0.900 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 45 Resp: 10538
Ion Ratio Lower Upper
45 100
43 41.9 41.8 62.8
87 19.2 18.1 27.1
59 16.7 9.0 13.6#

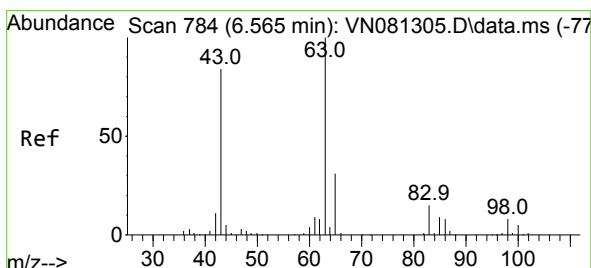
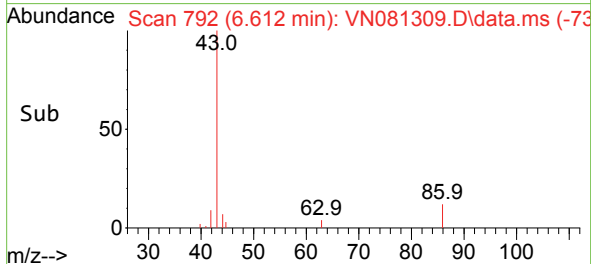
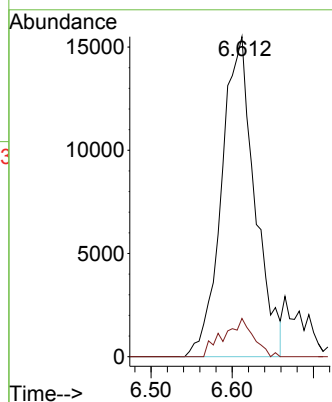
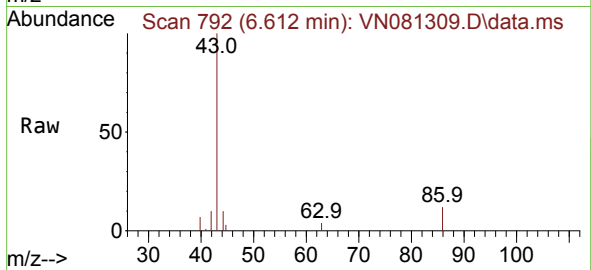




#23
 Vinyl Acetate
 Concen: 4.636 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.012 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

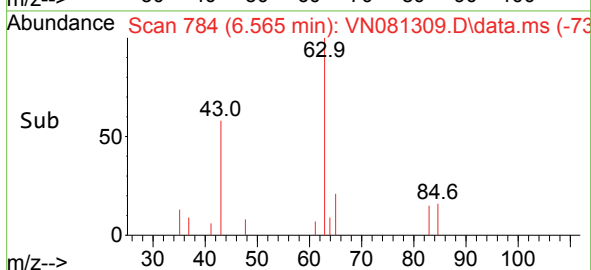
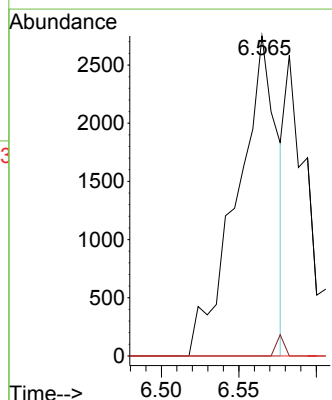
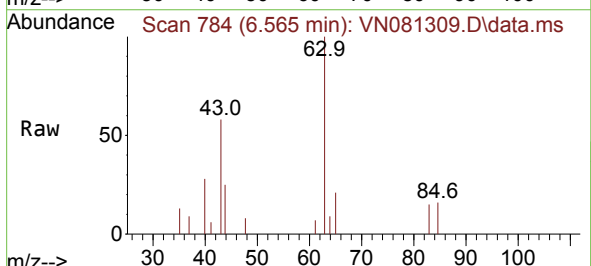
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

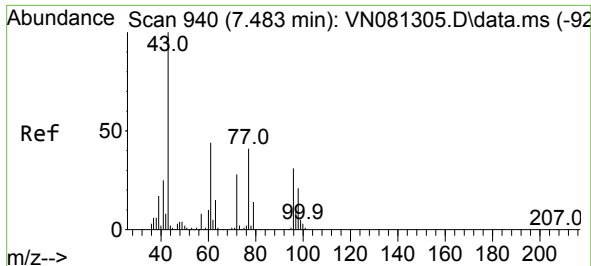
Tgt Ion: 43 Resp: 44087
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 0.687 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

Tgt Ion: 63 Resp: 4924
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.9 8.6#
 100 0.0 1.9 5.7#

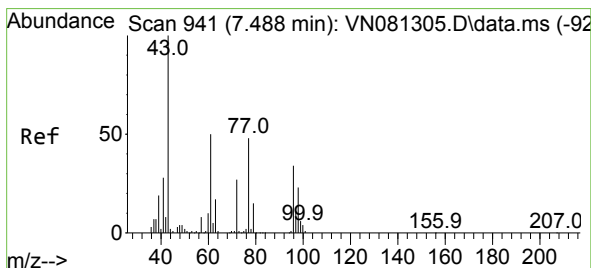
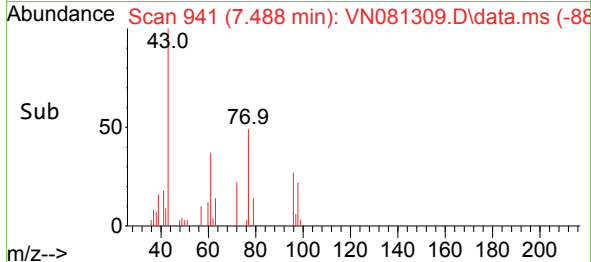
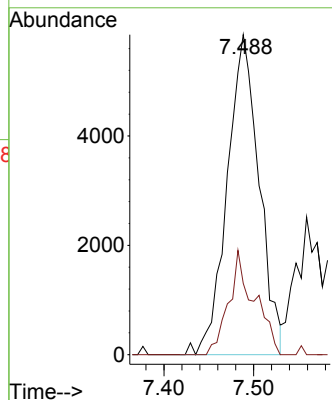
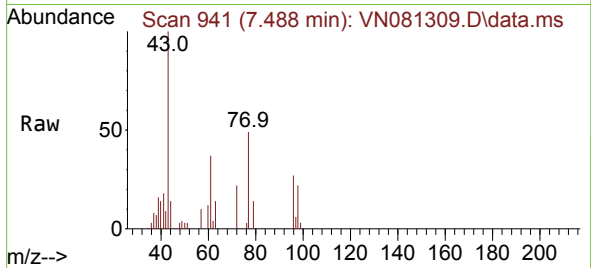




#25
2-Butanone
Concen: 5.528 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

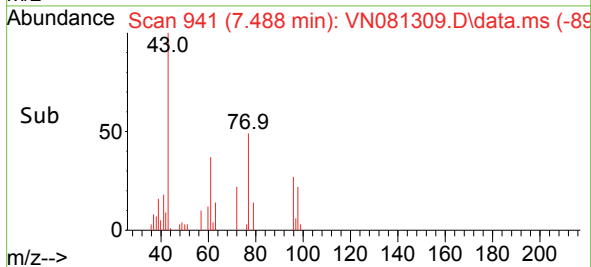
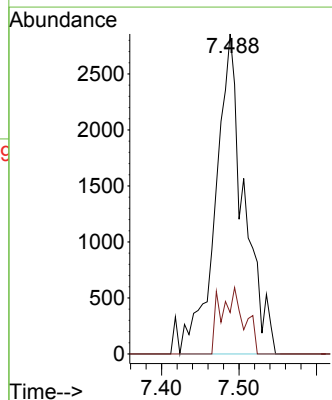
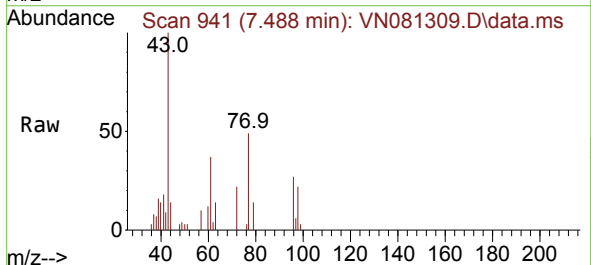
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

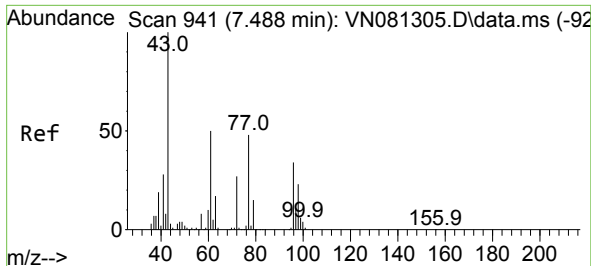
Tgt Ion: 43 Resp: 14451
Ion Ratio Lower Upper
43 100
72 24.3 19.5 29.3



#26
2,2-Dichloropropane
Concen: 1.157 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 77 Resp: 7327
Ion Ratio Lower Upper
77 100
97 17.0 11.5 34.5

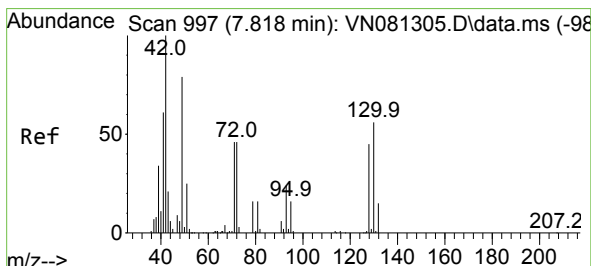
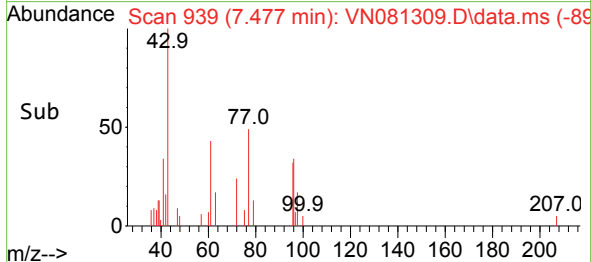
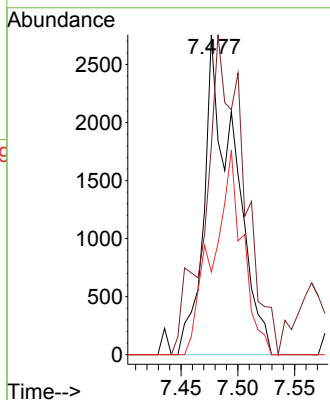
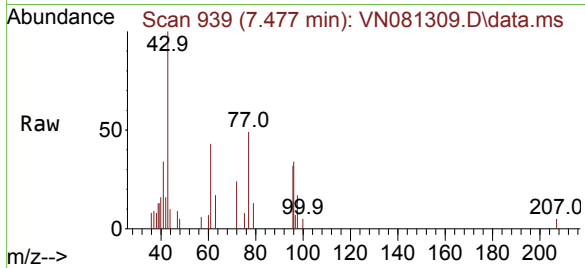




#27
cis-1,2-Dichloroethene
Concen: 1.133 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

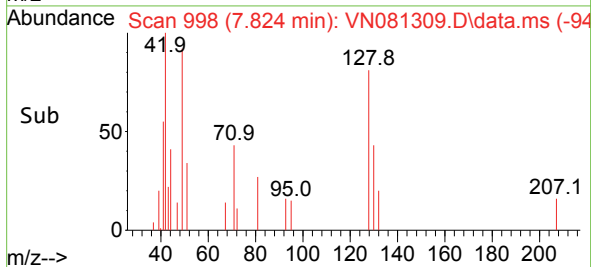
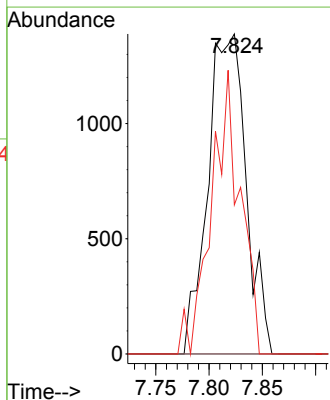
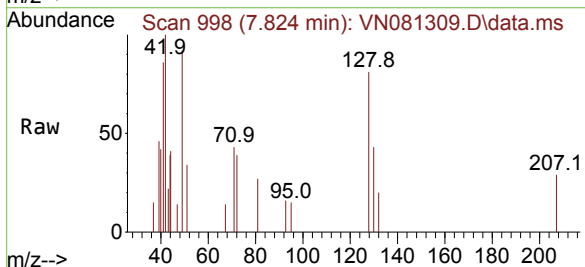
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

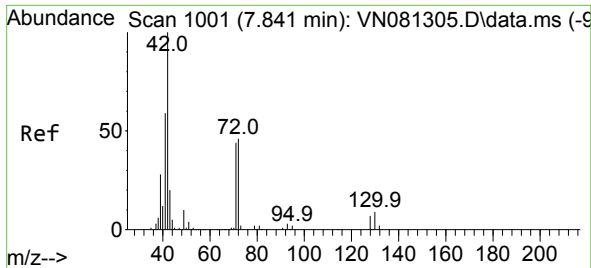
Tgt Ion: 96 Resp: 5144
Ion Ratio Lower Upper
96 100
61 126.0 0.0 325.4
98 62.8 0.0 130.4



#28
Bromochloromethane
Concen: 1.138 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 49 Resp: 3488
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.6
130 66.6 42.3 63.5#

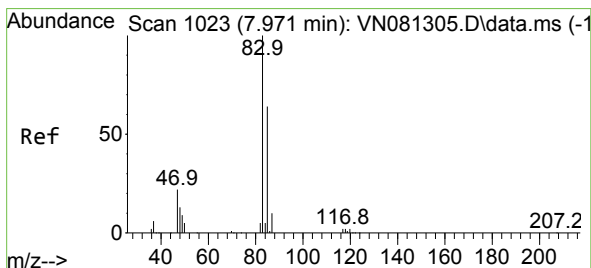
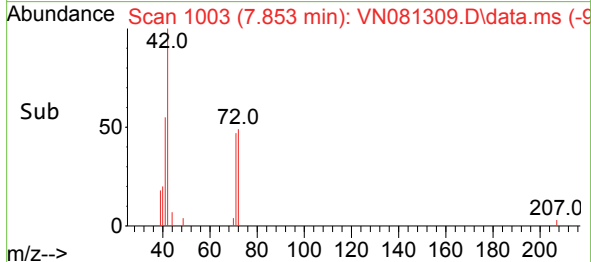
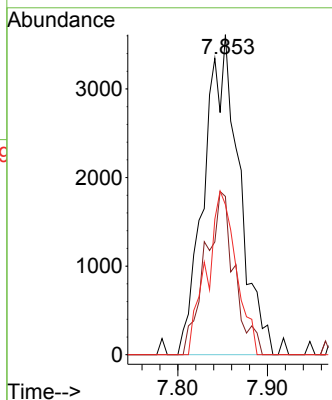
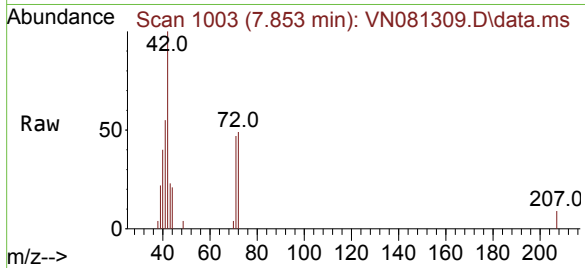




#29
Tetrahydrofuran
Concen: 5.475 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

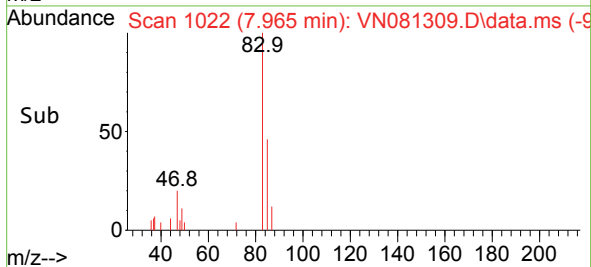
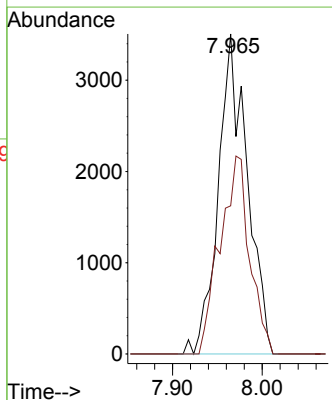
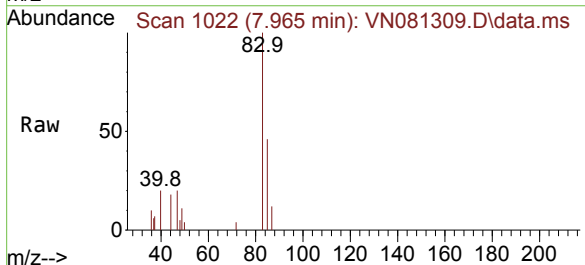
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

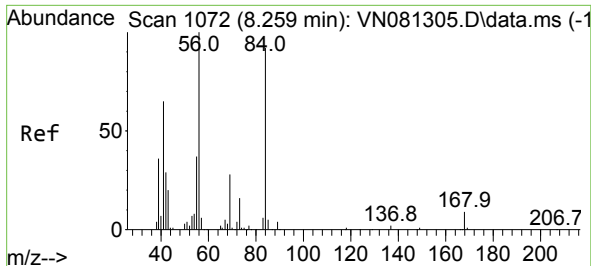
Tgt Ion: 42 Resp: 9759
Ion Ratio Lower Upper
42 100
72 42.7 31.1 46.7
71 42.9 28.3 42.5#



#30
Chloroform
Concen: 1.052 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 83 Resp: 7819
Ion Ratio Lower Upper
83 100
85 46.3 51.0 76.6#

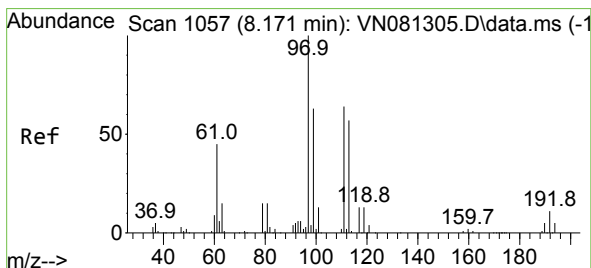
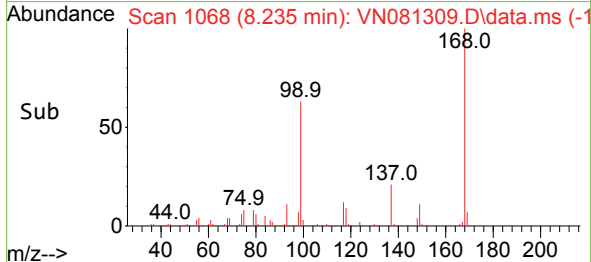
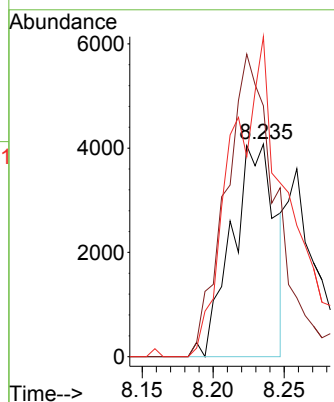
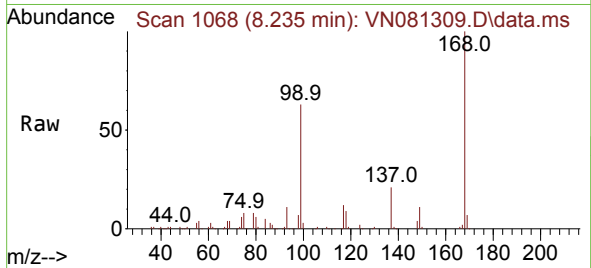




#31
Cyclohexane
Concen: 1.296 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

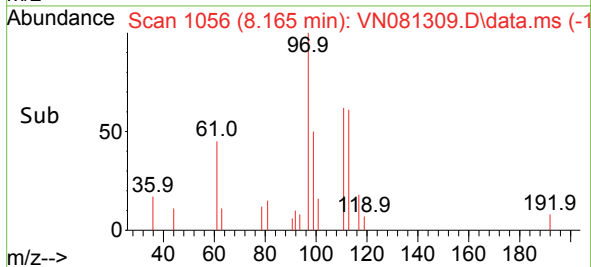
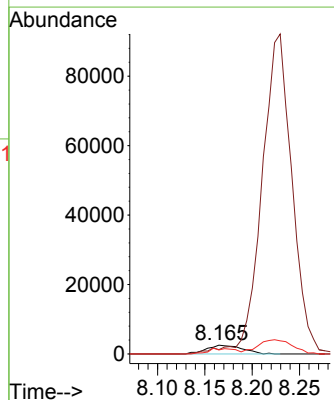
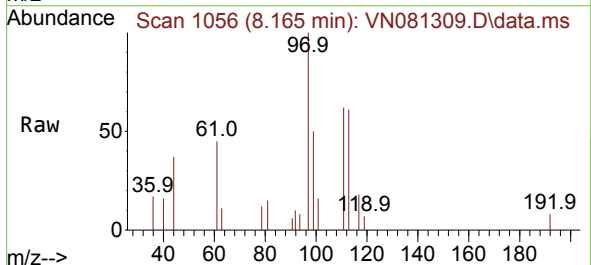
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

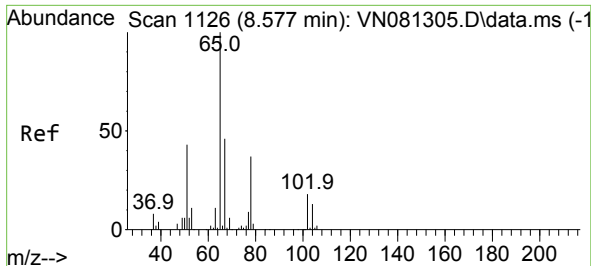
Tgt Ion: 56 Resp: 8645
Ion Ratio Lower Upper
56 100
69 117.9 20.1 30.1#
84 150.4 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 1.013 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 97 Resp: 6657
Ion Ratio Lower Upper
97 100
99 0.0 53.4 80.0#
61 46.2 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 1.012 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

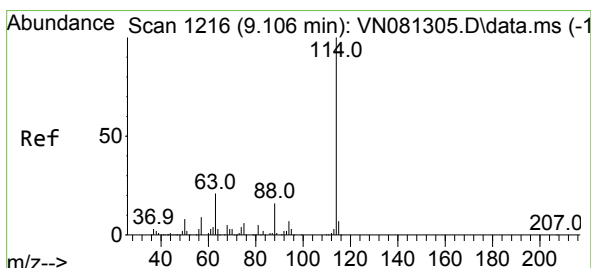
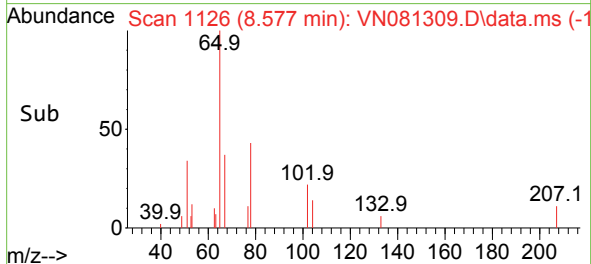
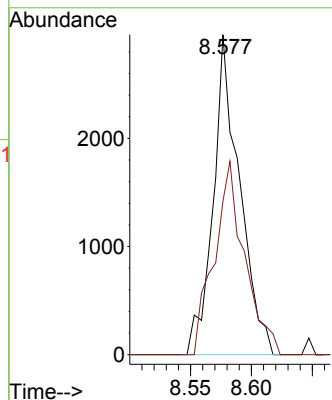
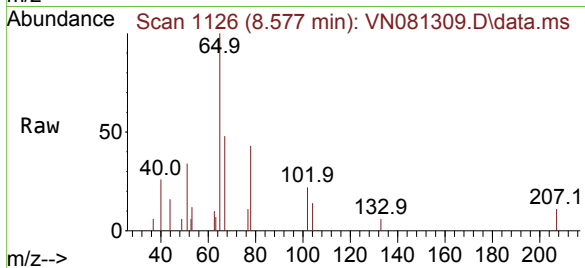
VSTDIC001

Tgt Ion: 65 Resp: 4459

Ion Ratio Lower Upper

65 100

67 69.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

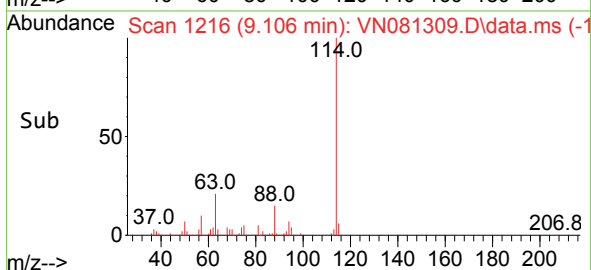
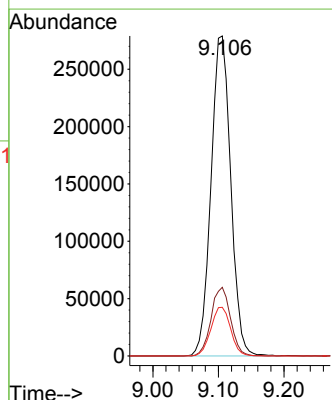
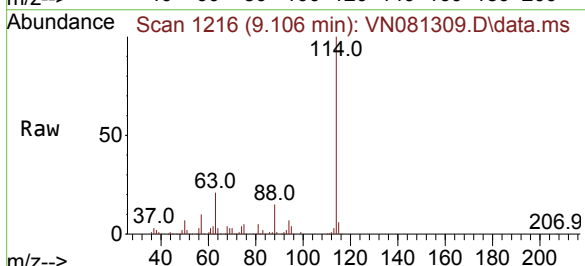
Tgt Ion: 114 Resp: 582371

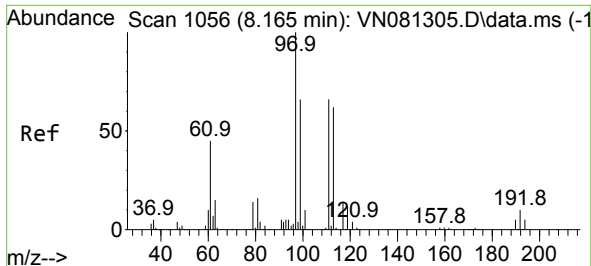
Ion Ratio Lower Upper

114 100

63 21.4 0.0 48.0

88 15.2 0.0 34.8

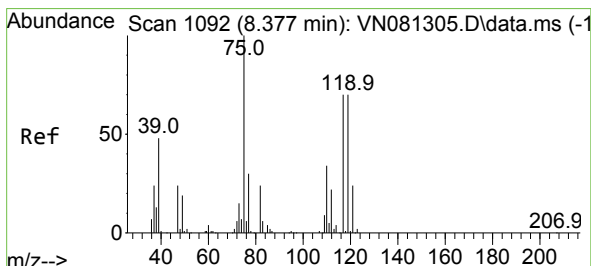
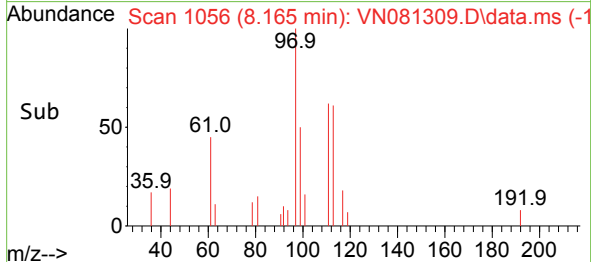
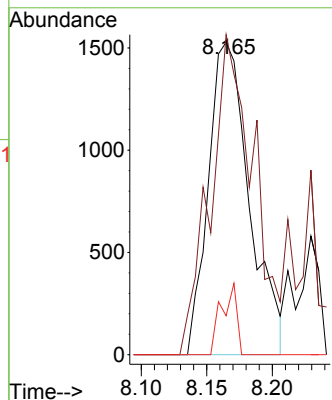
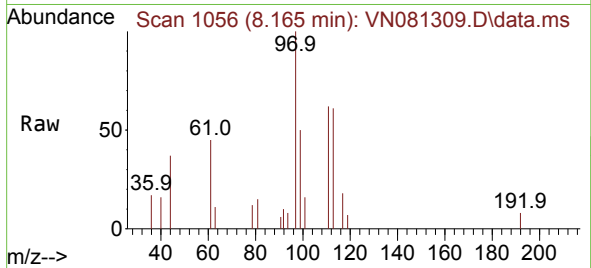




#35
Dibromofluoromethane
Concen: 0.933 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

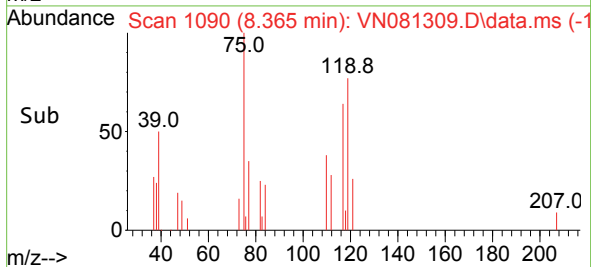
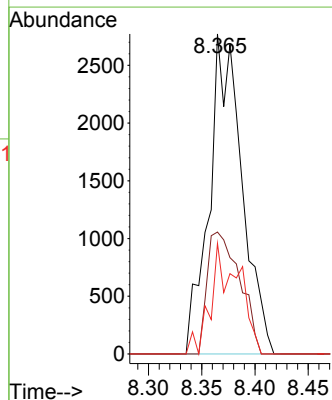
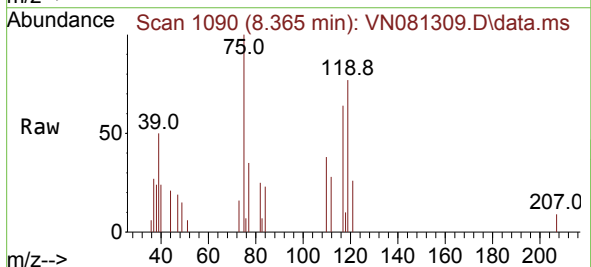
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

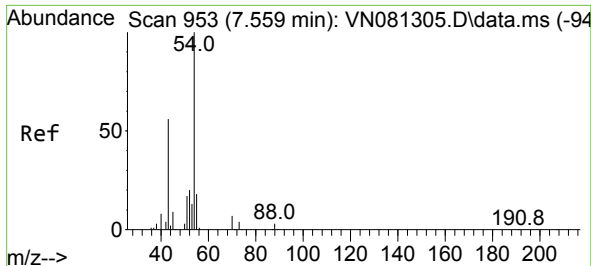
Tgt Ion:113 Resp: 3329
Ion Ratio Lower Upper
113 100
111 108.0 82.2 123.4
192 8.5 12.5 18.7#



#36
1,1-Dichloropropene
Concen: 1.030 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.012 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 75 Resp: 5930
Ion Ratio Lower Upper
75 100
110 37.9 16.0 48.0
77 29.7 25.8 38.6

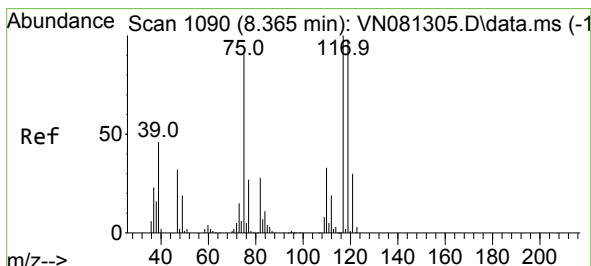
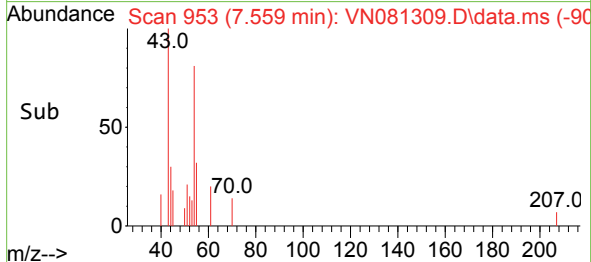
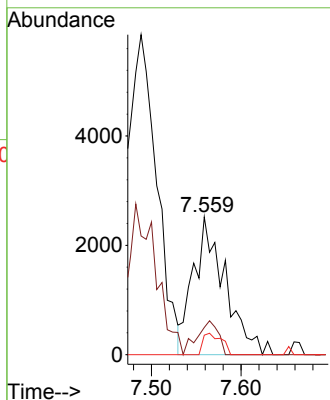
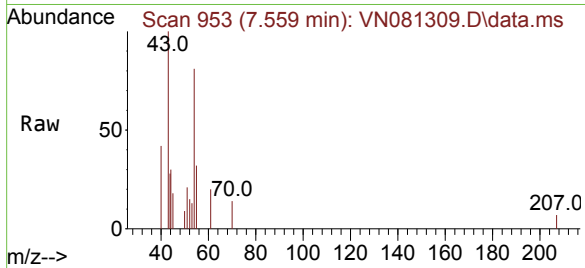




#37
Ethyl Acetate
Concen: 1.104 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

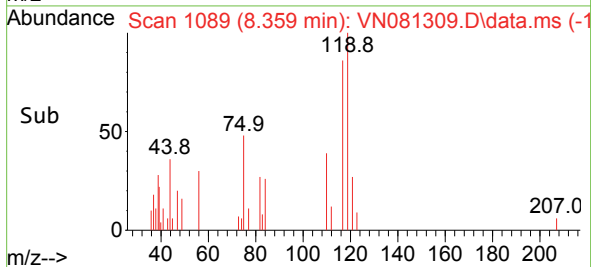
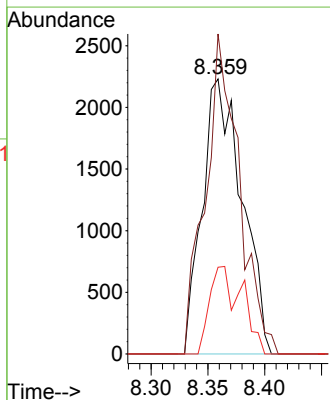
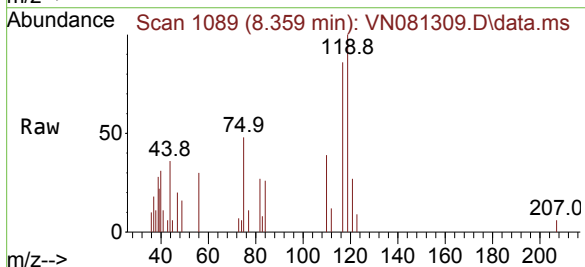
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

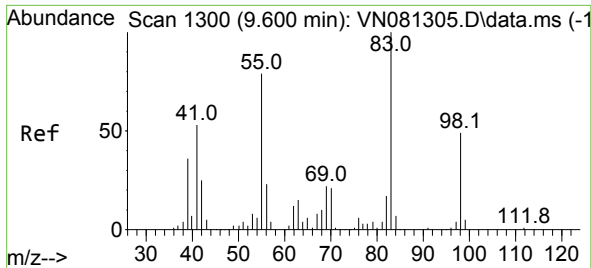
Tgt Ion: 43 Resp: 6212
Ion Ratio Lower Upper
43 100
61 16.1 10.6 15.8#
70 9.0 8.0 12.0



#38
Carbon Tetrachloride
Concen: 0.938 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 117 Resp: 5433
Ion Ratio Lower Upper
117 100
119 116.4 73.4 110.2#
121 31.6 24.4 36.6

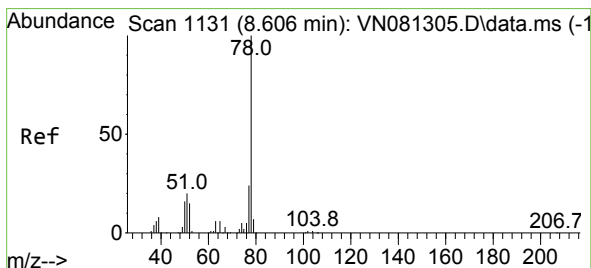
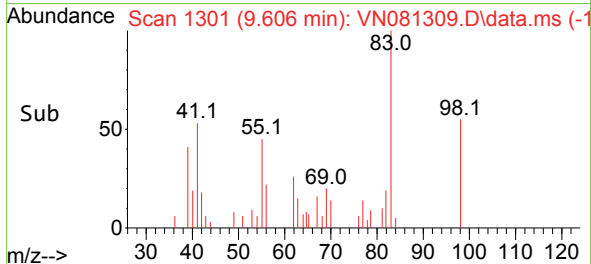
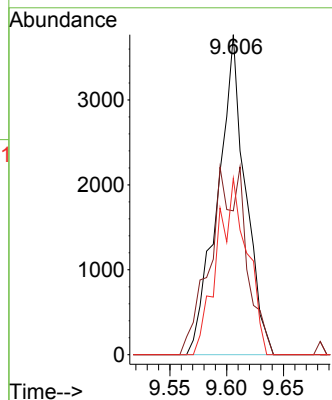
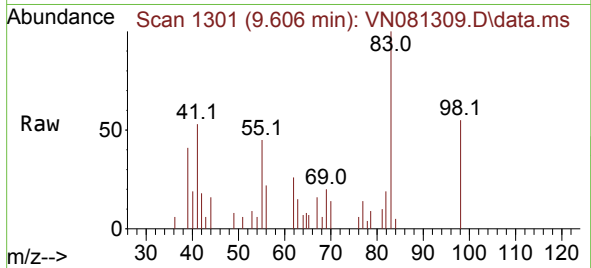




#39
Methylcyclohexane
Concen: 0.972 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

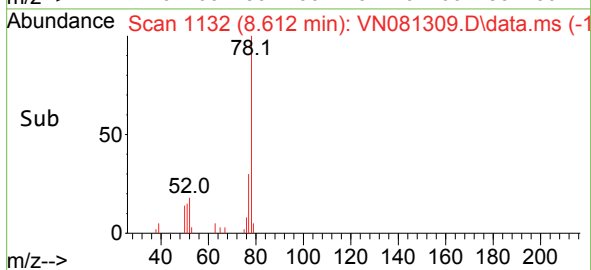
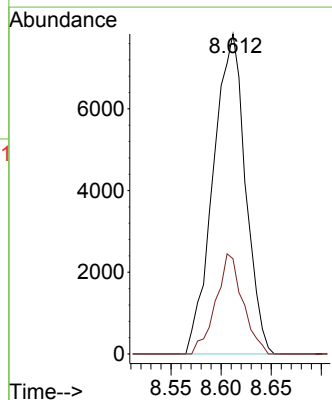
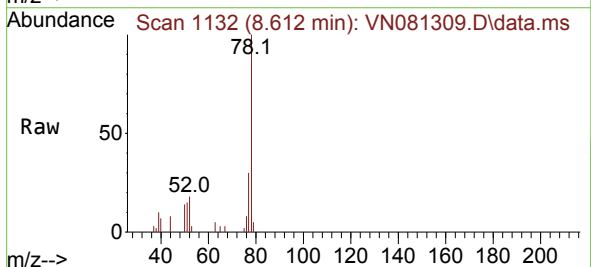
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

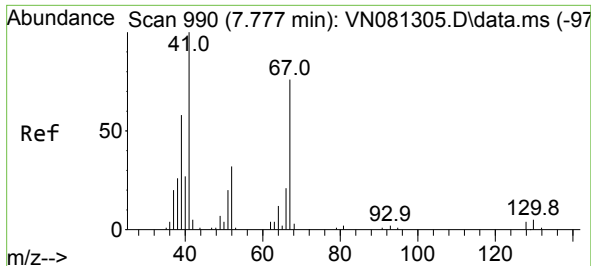
Tgt Ion: 83 Resp: 6441
Ion Ratio Lower Upper
83 100
55 45.0 65.7 98.5#
98 55.1 33.8 50.6#



#40
Benzene
Concen: 1.018 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 78 Resp: 17495
Ion Ratio Lower Upper
78 100
77 29.7 20.4 30.6

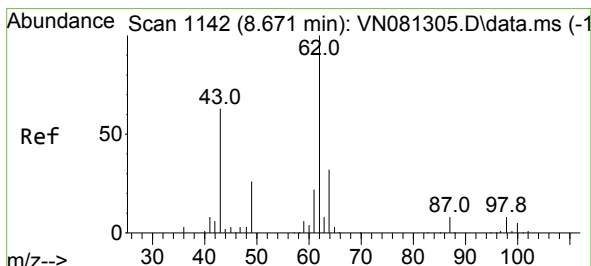
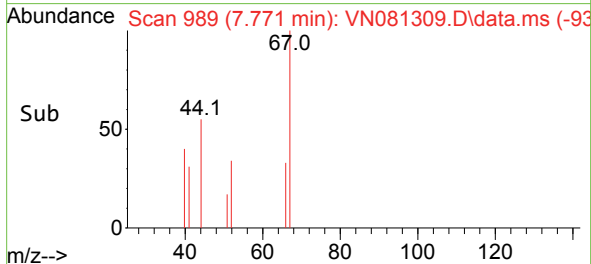
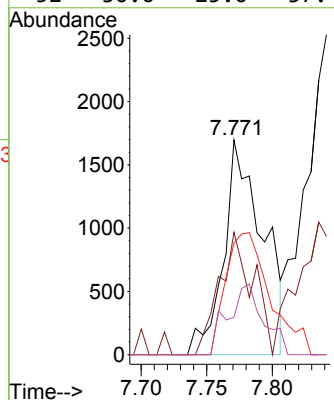
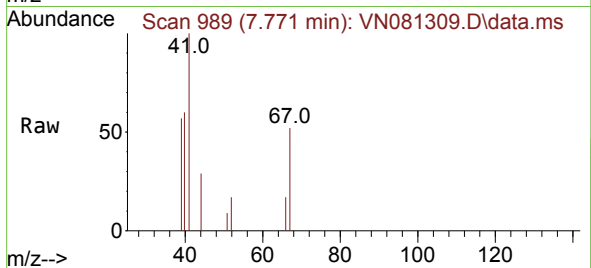




#41
Methacrylonitrile
Concen: 1.099 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

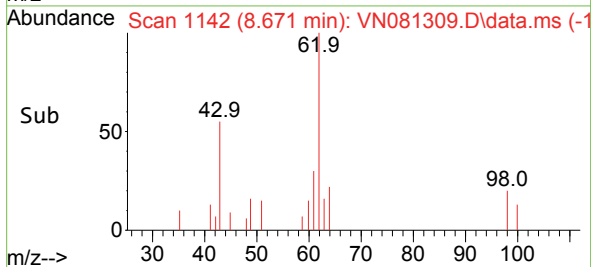
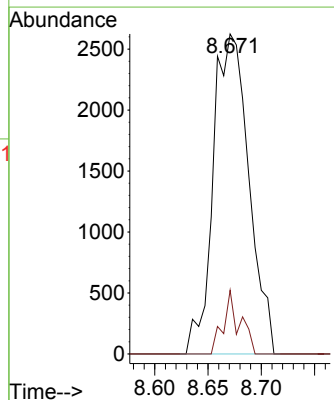
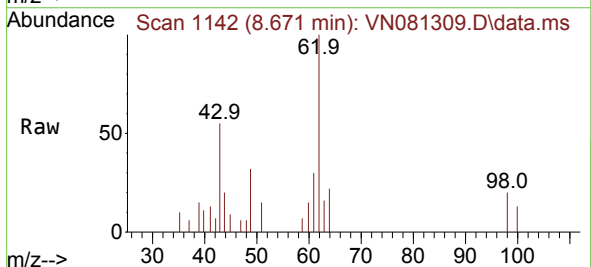
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

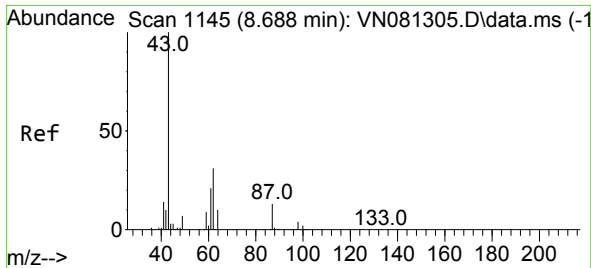
Tgt Ion: 41	Resp: 3491
Ion Ratio	Lower Upper
41 100	
39 49.6	48.4 72.6
67 64.8	56.8 85.2
52 30.0	25.0 37.4



#42
1,2-Dichloroethane
Concen: 1.009 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 62	Resp: 6111
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 18.0

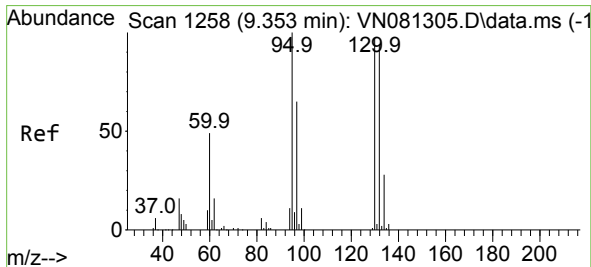
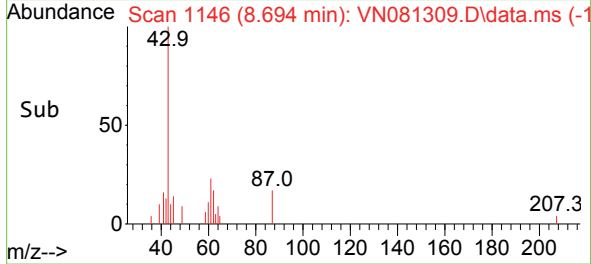
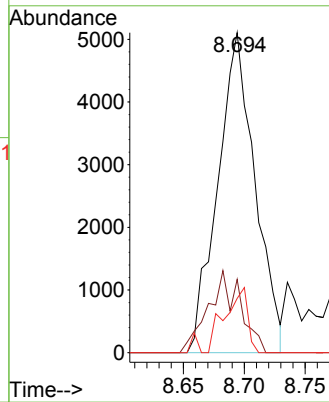
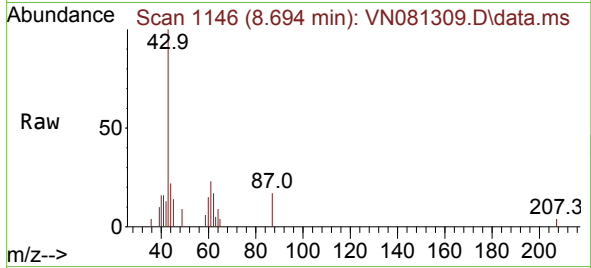




#43
Isopropyl Acetate
Concen: 1.105 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

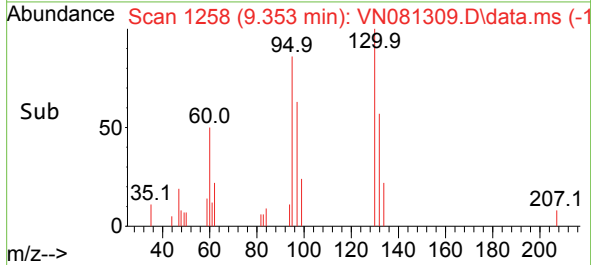
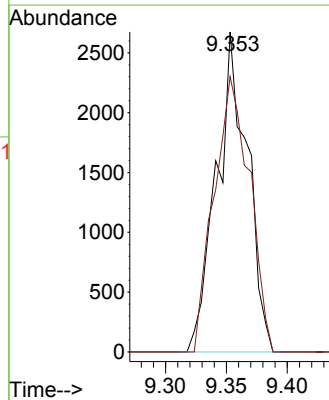
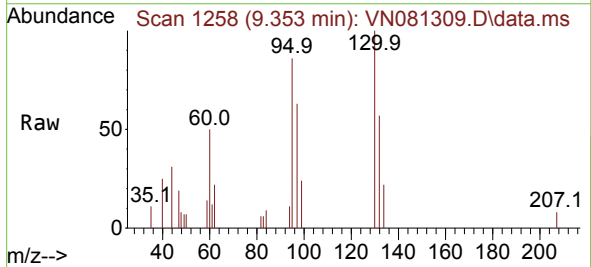
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

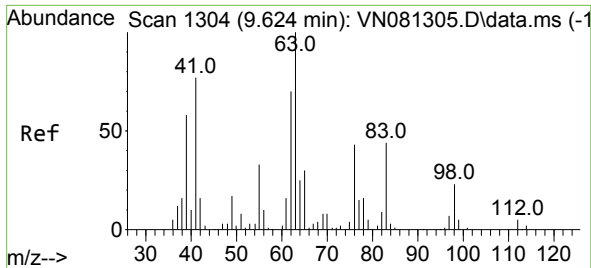
Tgt Ion: 43	Resp: 10887
Ion Ratio	Lower Upper
43 100	
61 22.0	19.9 29.9
87 12.5	9.0 13.6



#44
Trichloroethene
Concen: 1.091 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 130	Resp: 4729
Ion Ratio	Lower Upper
130 100	
95 86.1	0.0 210.4

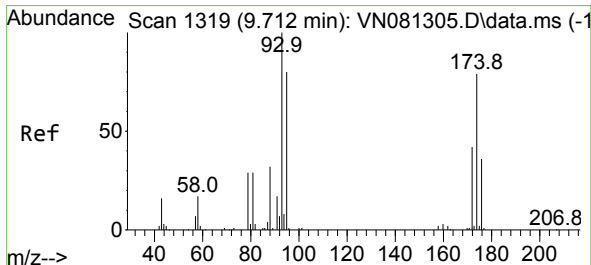
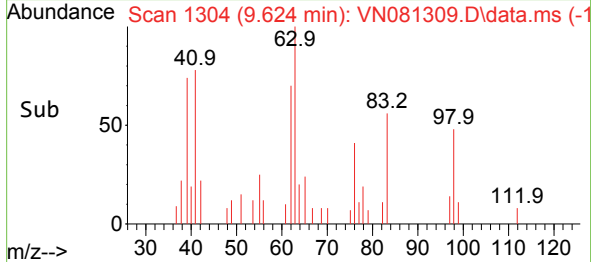
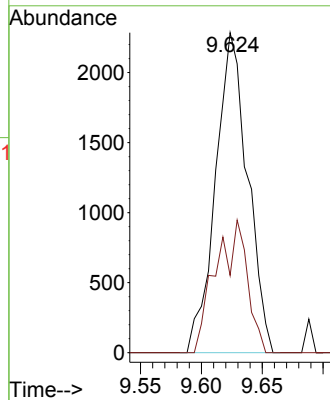
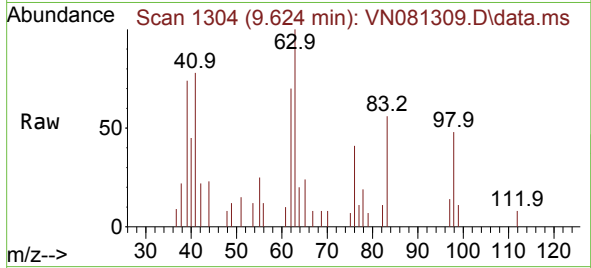




#45
1,2-Dichloropropane
Concen: 0.969 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

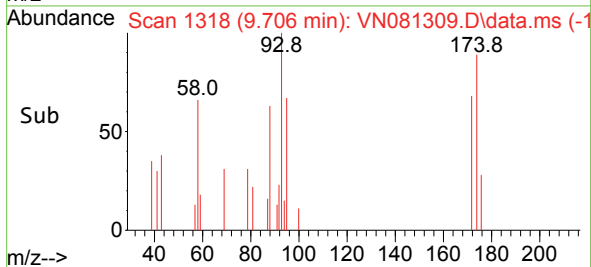
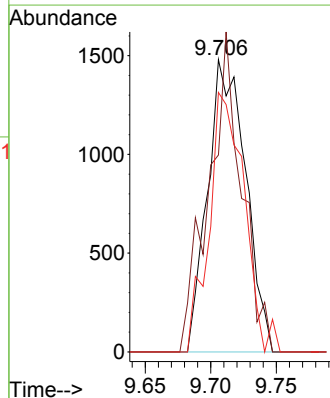
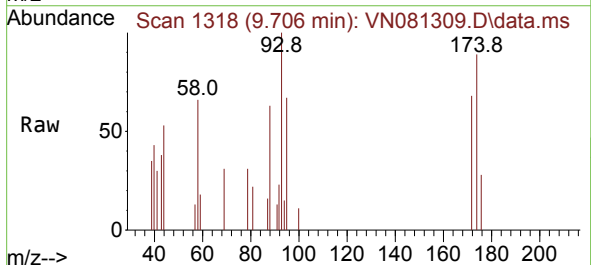
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

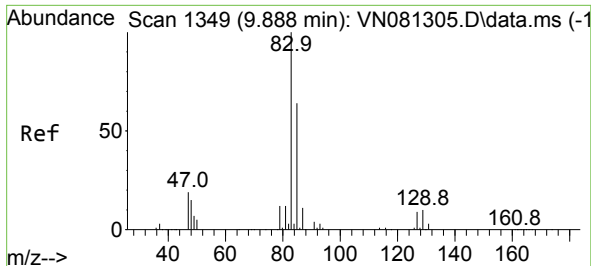
Tgt Ion: 63 Resp: 4181
Ion Ratio Lower Upper
63 100
65 24.1 26.1 39.1#



#46
Dibromomethane
Concen: 0.979 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 93 Resp: 2978
Ion Ratio Lower Upper
93 100
95 94.6 68.1 102.1
174 82.1 57.2 85.8





#47

Bromodichloromethane

Concen: 0.972 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.006 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

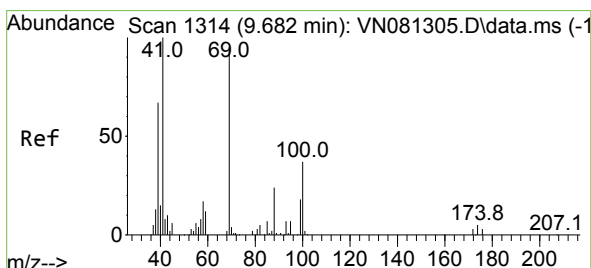
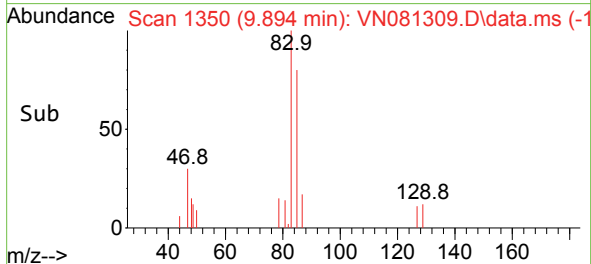
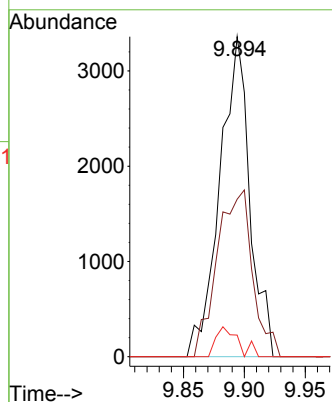
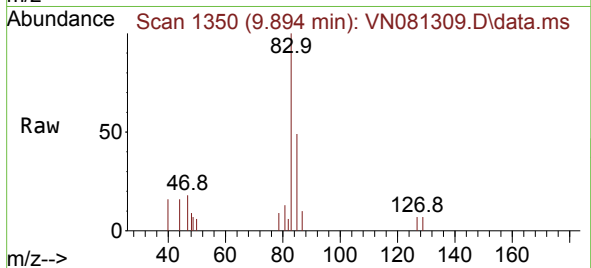
Tgt Ion: 83 Resp: 5742

Ion Ratio Lower Upper

83 100

85 49.2 52.3 78.5#

127 6.8 4.6 7.0



#48

Methyl methacrylate

Concen: 0.979 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

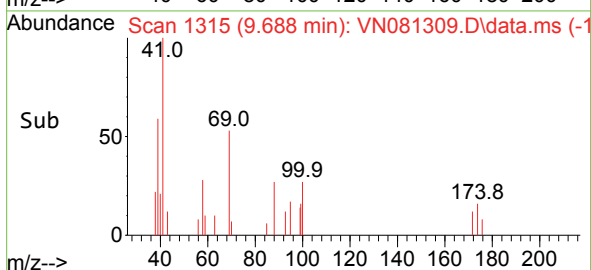
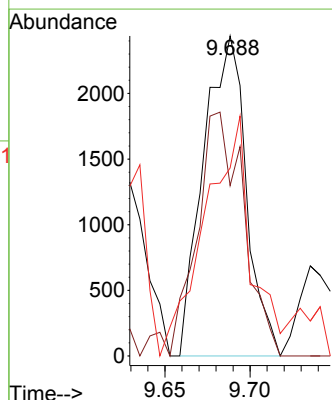
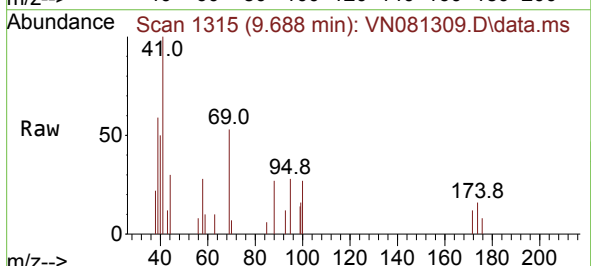
Tgt Ion: 41 Resp: 4262

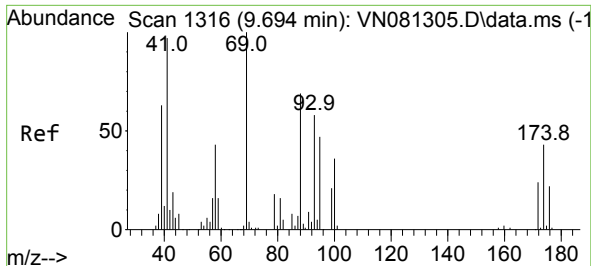
Ion Ratio Lower Upper

41 100

69 84.7 62.2 93.2

39 79.9 47.6 71.4#





#49

1,4-Dioxane

Concen: 20.031 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

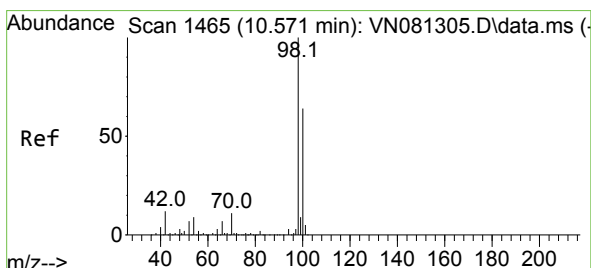
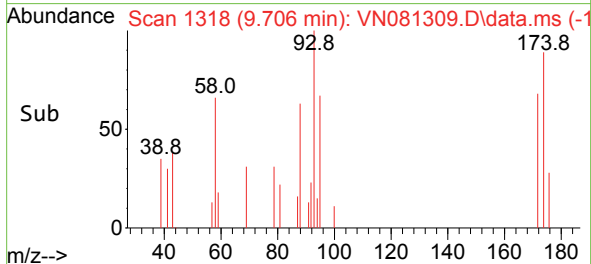
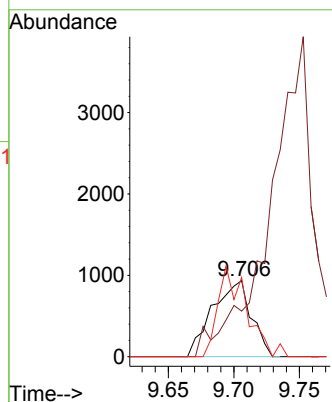
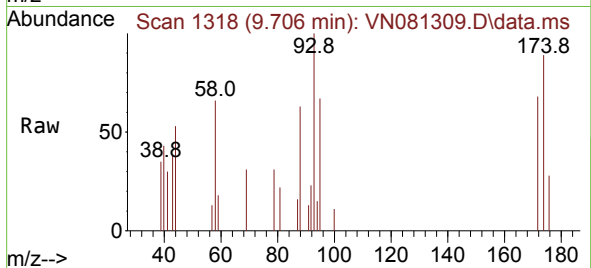
Tgt Ion: 88 Resp: 1922

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 88.6 63.9 95.9



#50

Toluene-d8

Concen: 0.936 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081309.D

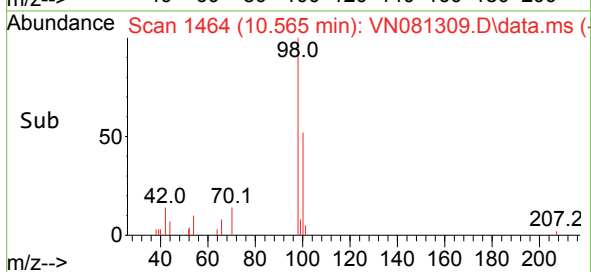
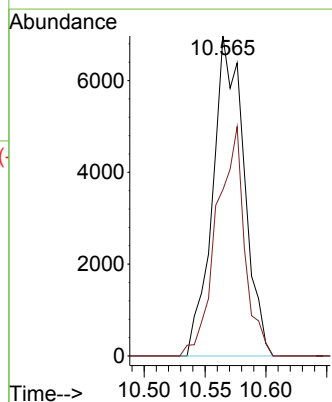
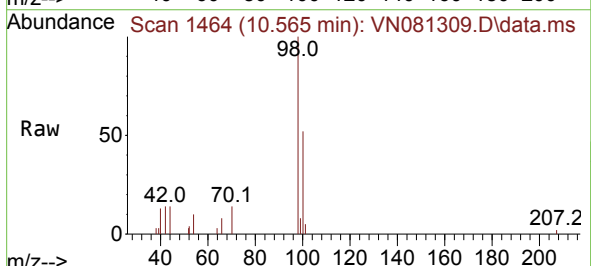
Acq: 05 Mar 2024 13:59

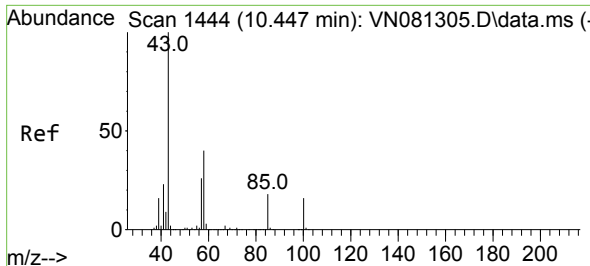
Tgt Ion: 98 Resp: 12488

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0

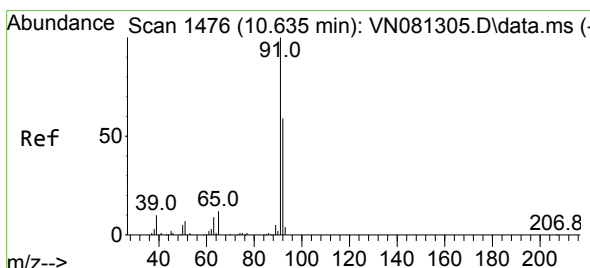
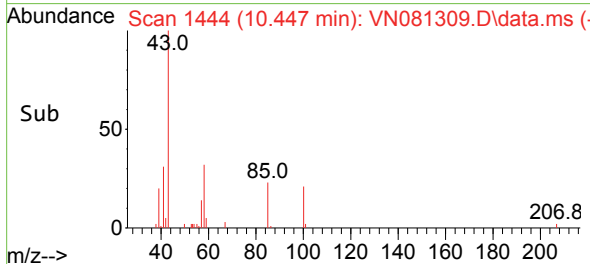
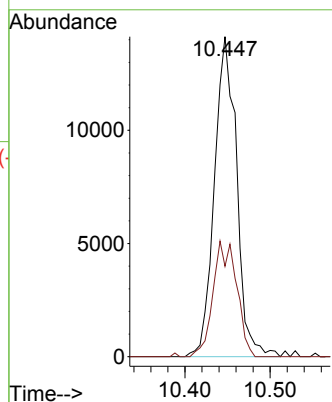
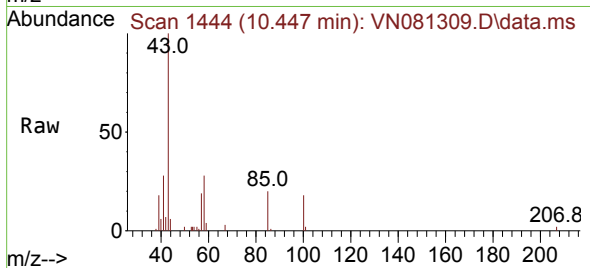




#51
4-Methyl-2-Pentanone
Concen: 4.492 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

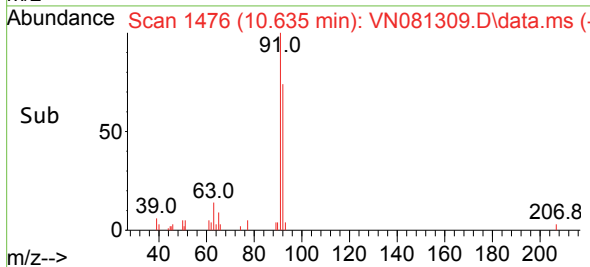
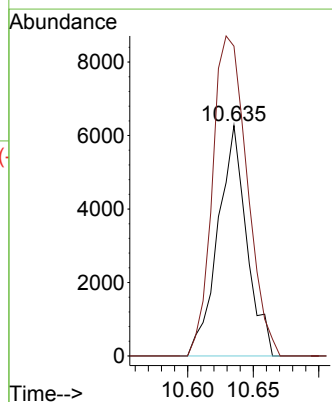
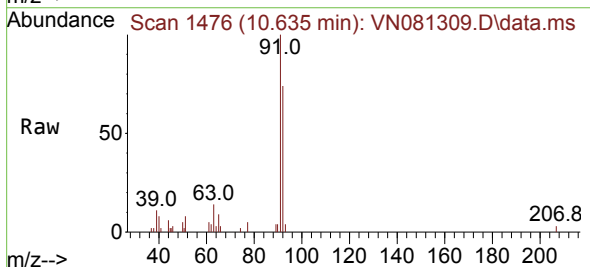
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

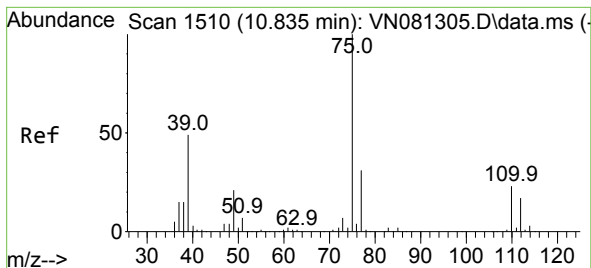
Tgt Ion: 43 Resp: 25691
Ion Ratio Lower Upper
43 100
58 38.3 29.4 44.0



#52
Toluene
Concen: 0.923 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 92 Resp: 9580
Ion Ratio Lower Upper
92 100
91 167.0 139.4 209.0

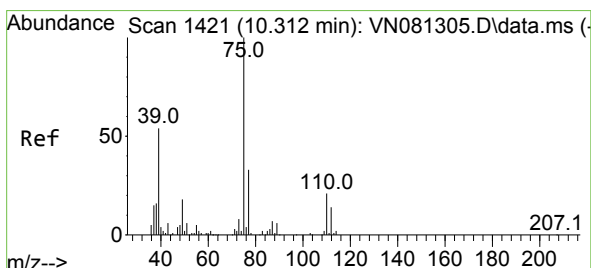
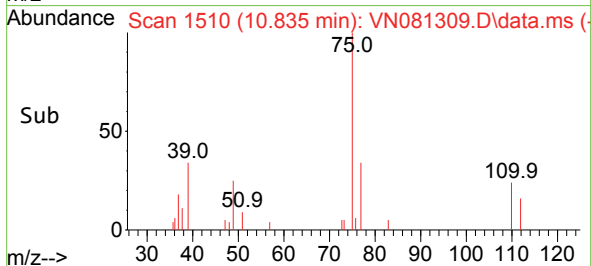
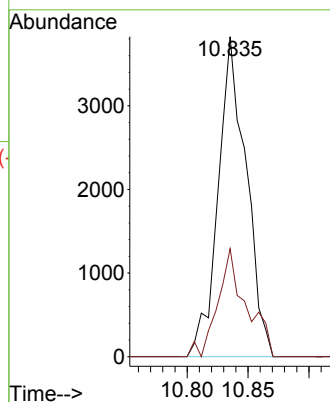
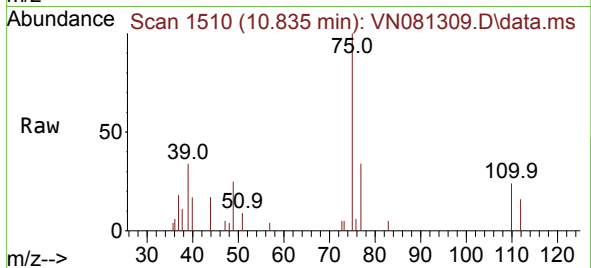




#53
 t-1,3-Dichloropropene
 Concen: 0.960 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

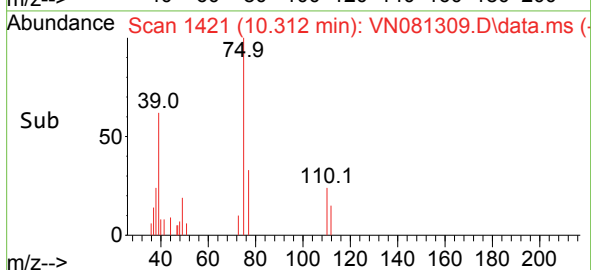
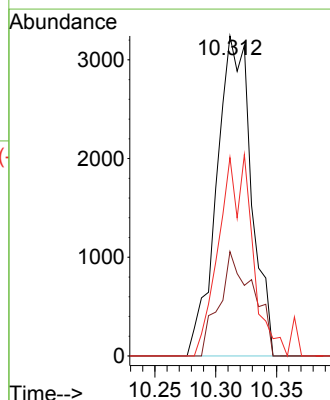
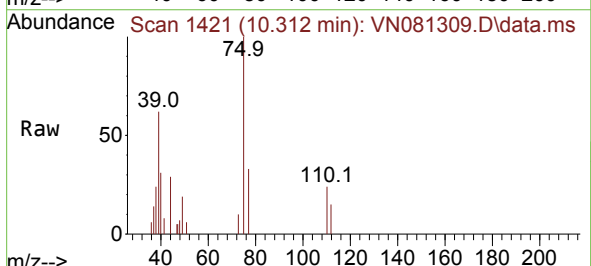
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

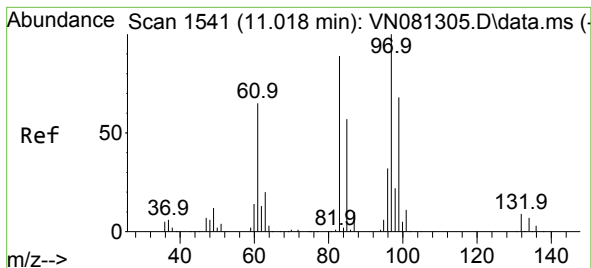
Tgt Ion: 75 Resp: 6136
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 0.933 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

Tgt Ion: 75 Resp: 6439
 Ion Ratio Lower Upper
 75 100
 77 32.6 23.3 34.9
 39 62.0 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 0.917 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 3776

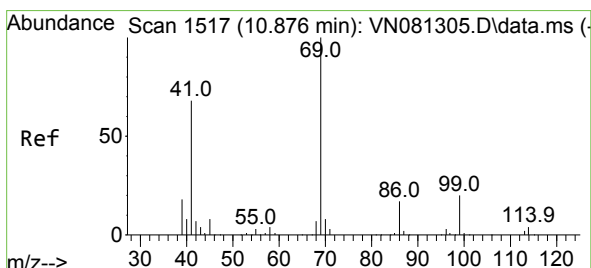
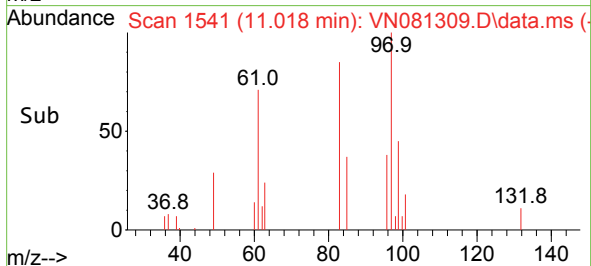
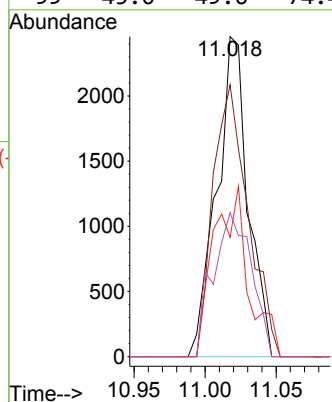
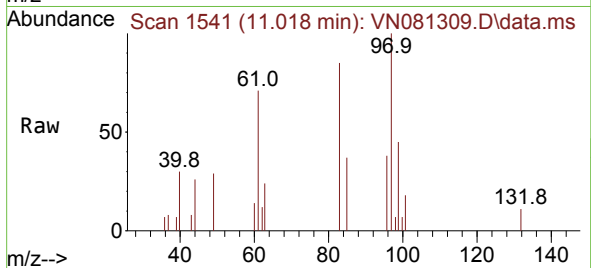
Ion Ratio Lower Upper

97 100

83 84.9 72.9 109.3

85 37.3 50.2 75.2#

99 45.0 49.6 74.4#



#56

Ethyl methacrylate

Concen: 0.855 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

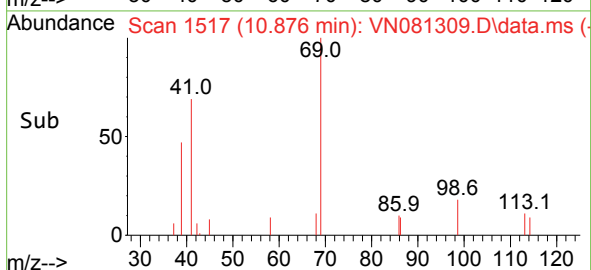
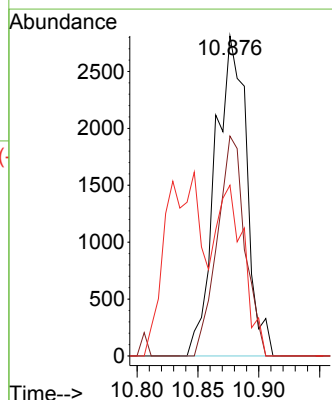
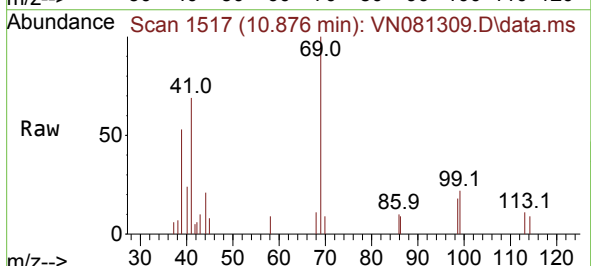
Tgt Ion: 69 Resp: 5055

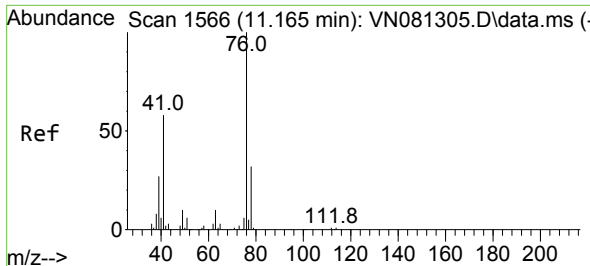
Ion Ratio Lower Upper

69 100

41 60.7 61.0 91.6#

39 46.8 31.8 47.6





#57

1,3-Dichloropropane

Concen: 1.021 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

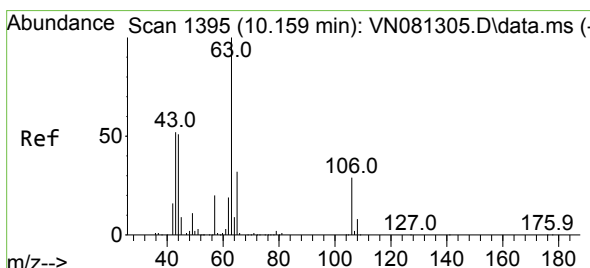
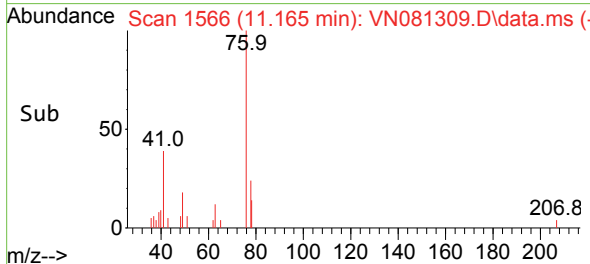
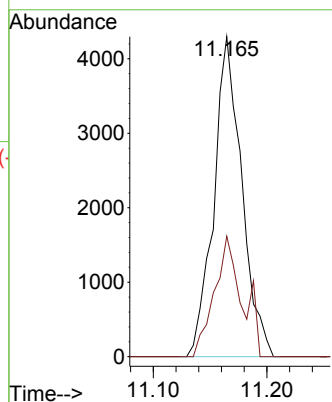
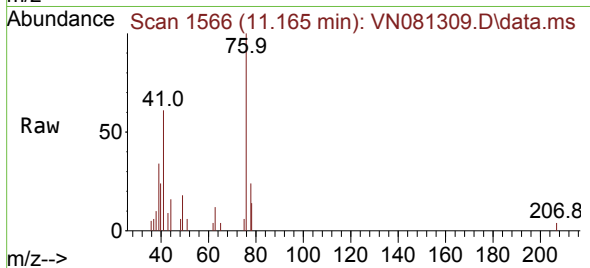
VSTDIC001

Tgt Ion: 76 Resp: 7336

Ion Ratio Lower Upper

76 100

78 37.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 4.326 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081309.D

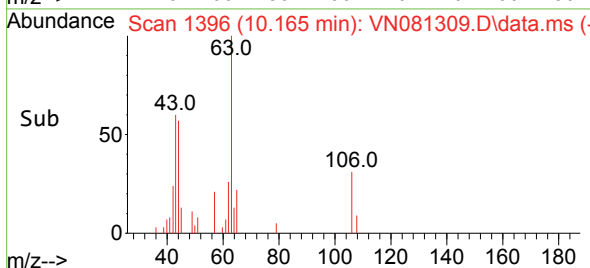
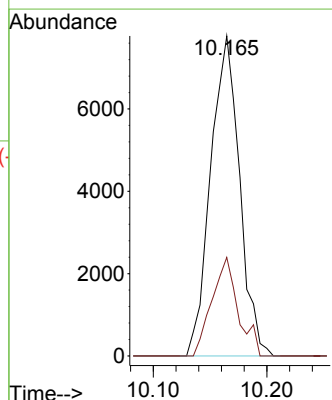
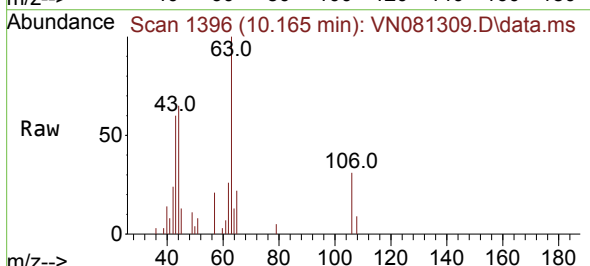
Acq: 05 Mar 2024 13:59

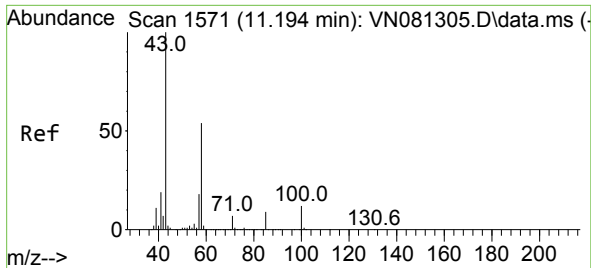
Tgt Ion: 63 Resp: 13752

Ion Ratio Lower Upper

63 100

106 28.0 18.6 28.0

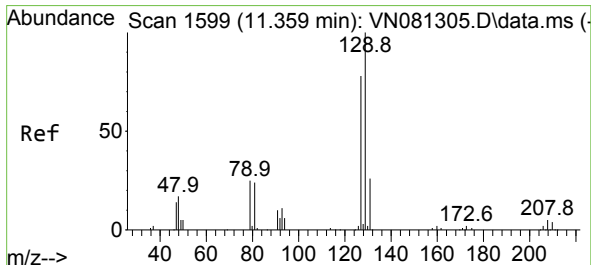
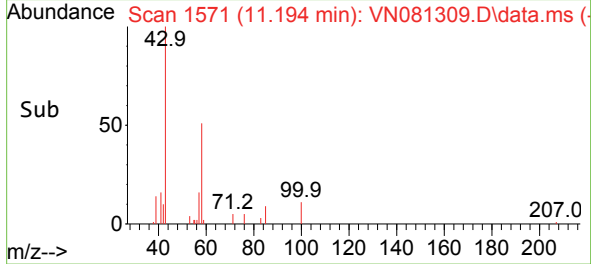
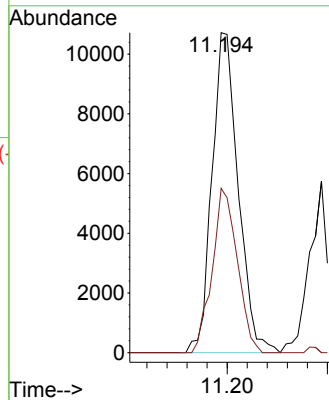
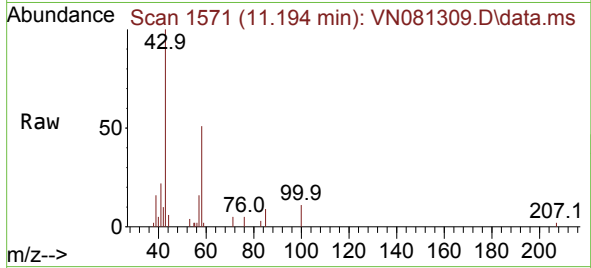




#59
2-Hexanone
Concen: 4.539 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

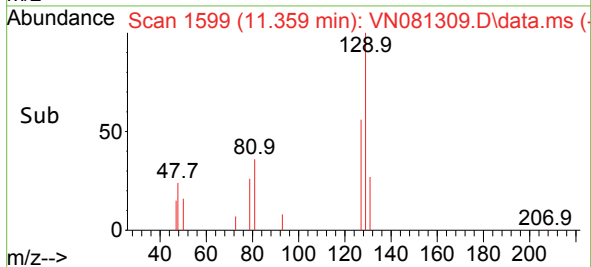
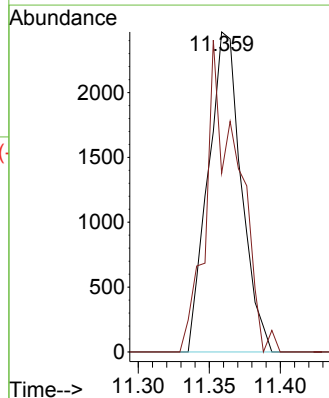
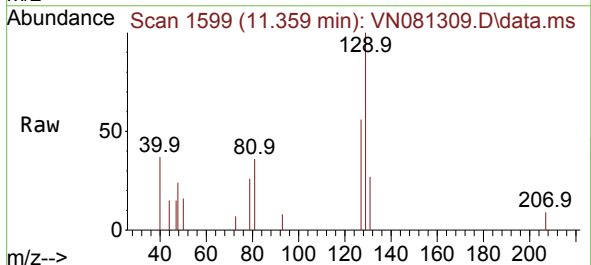
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

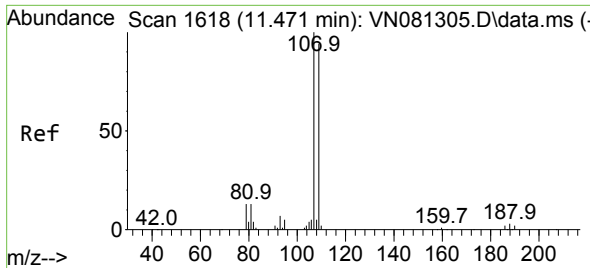
Tgt Ion: 43 Resp: 19407
Ion Ratio Lower Upper
43 100
58 49.2 25.9 77.8



#60
Dibromochloromethane
Concen: 0.943 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 129 Resp: 3998
Ion Ratio Lower Upper
129 100
127 92.7 39.4 118.2

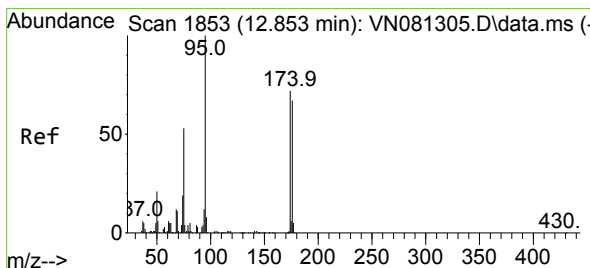
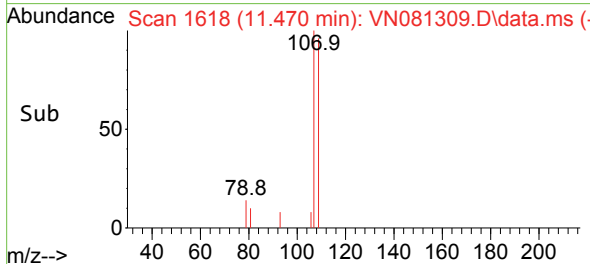
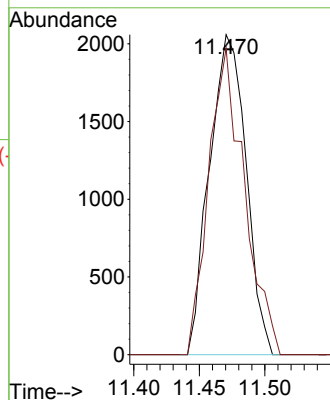
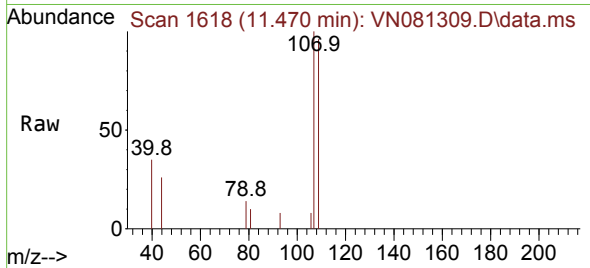




#61
1,2-Dibromoethane
Concen: 0.934 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

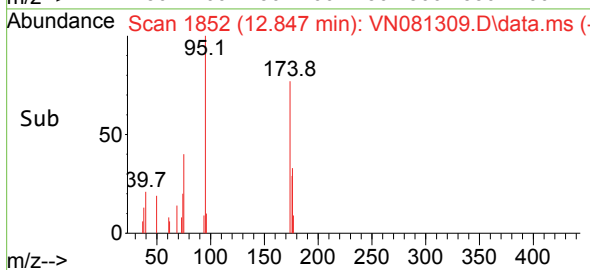
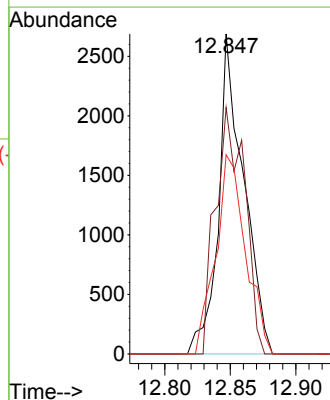
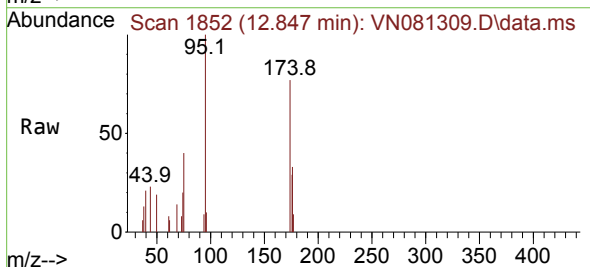
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

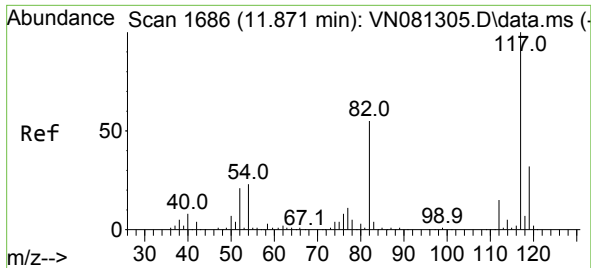
Tgt Ion:107 Resp: 3990
Ion Ratio Lower Upper
107 100
109 93.7 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 0.758 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 95 Resp: 3574
Ion Ratio Lower Upper
95 100
174 89.7 0.0 120.4
176 74.4 0.0 121.0

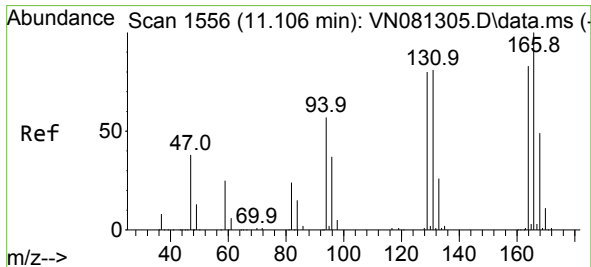
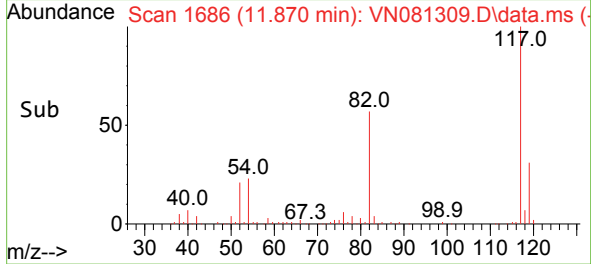
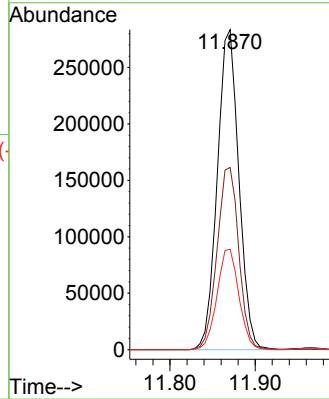
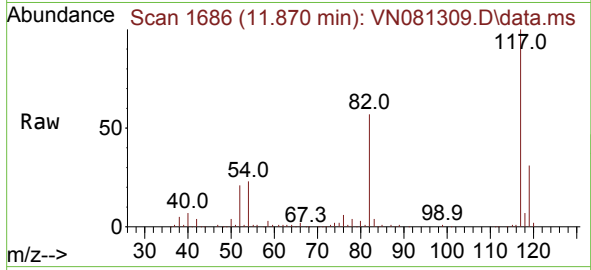




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

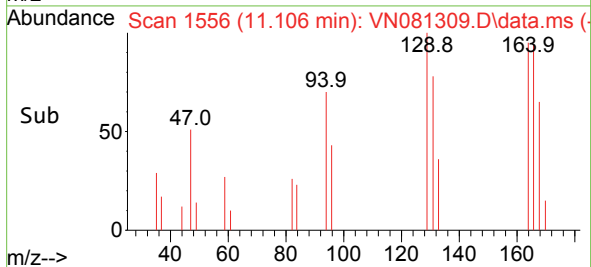
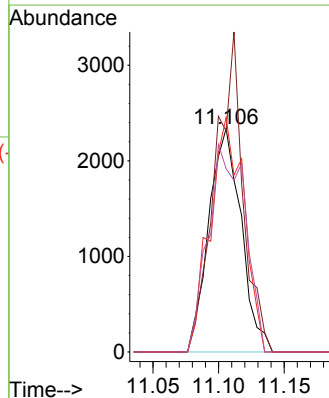
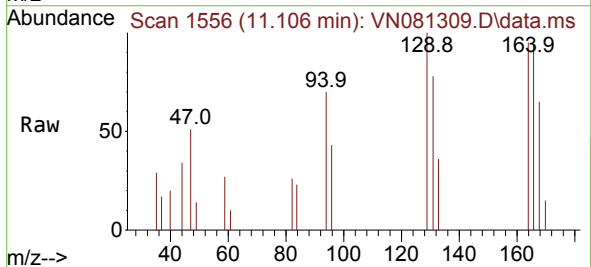
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

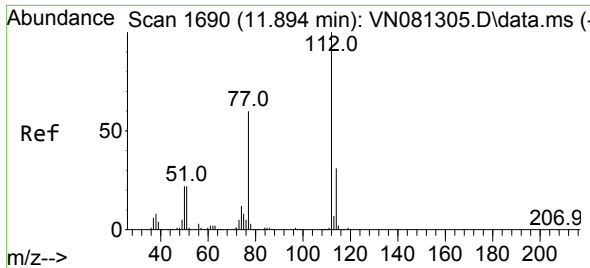
Tgt Ion:117 Resp: 498404
Ion Ratio Lower Upper
117 100
82 56.9 52.7 79.1
119 31.4 25.3 37.9



#64
Tetrachloroethene
Concen: 1.029 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion:164 Resp: 4017
Ion Ratio Lower Upper
164 100
166 98.9 105.8 158.6#
129 105.0 89.6 134.4
131 82.2 84.9 127.3#

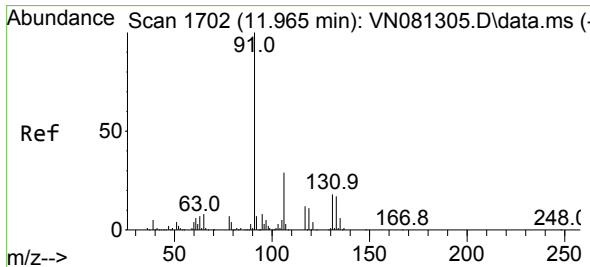
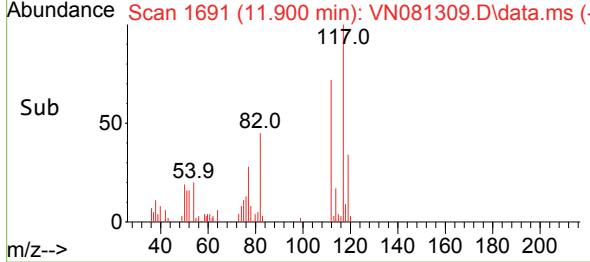
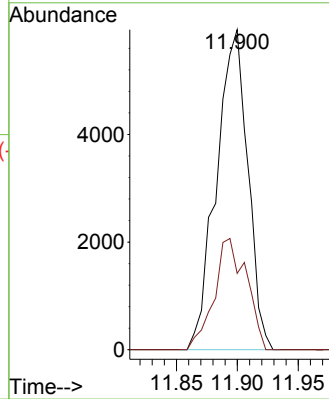
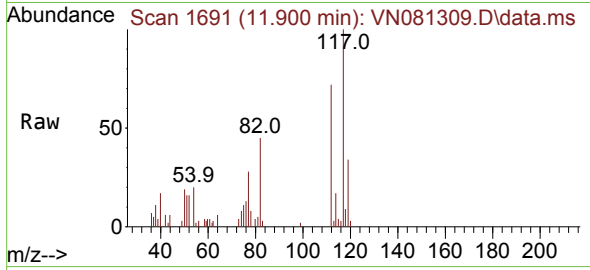




#65
Chlorobenzene
Concen: 1.015 ug/l
RT: 11.900 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

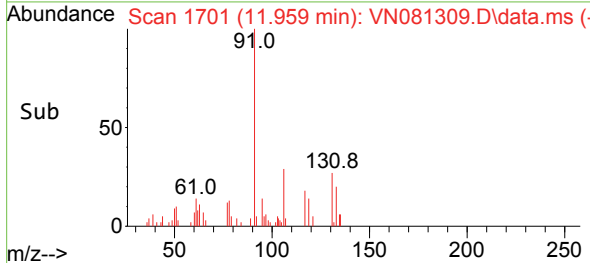
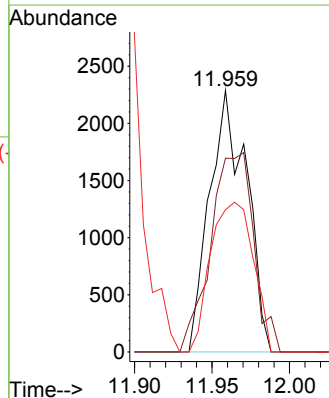
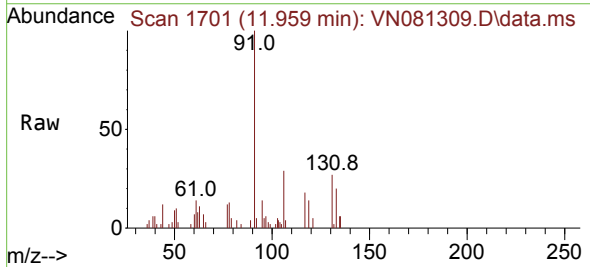
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

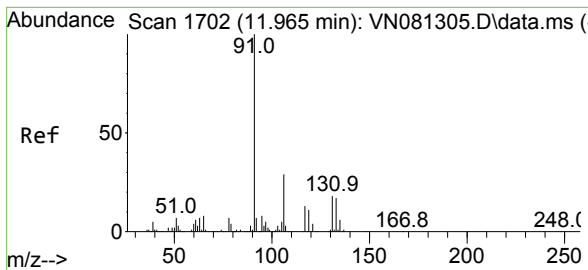
Tgt Ion:112 Resp: 10658
Ion Ratio Lower Upper
112 100
114 23.9 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.989 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion:131 Resp: 3800
Ion Ratio Lower Upper
131 100
133 88.0 46.8 140.3
119 0.0 34.6 103.9#

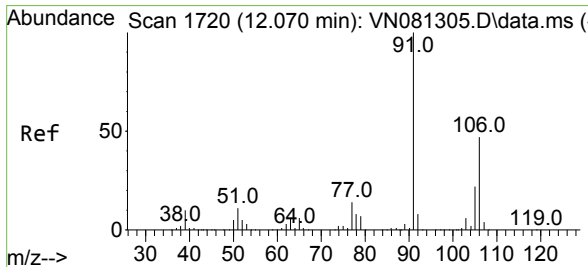
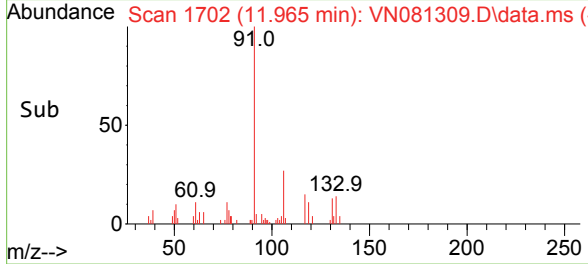
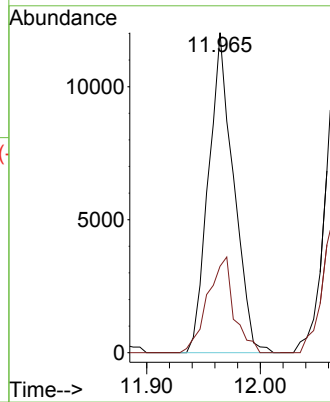
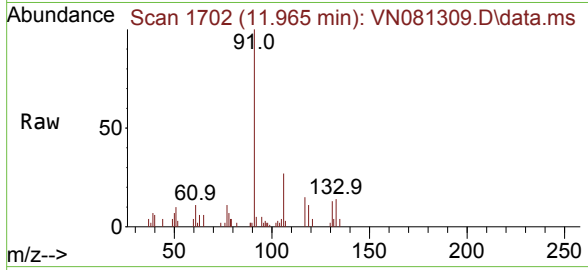




#67
Ethyl Benzene
Concen: 0.974 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

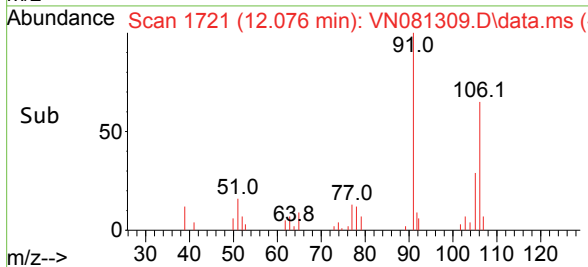
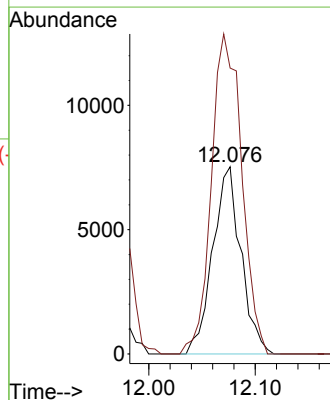
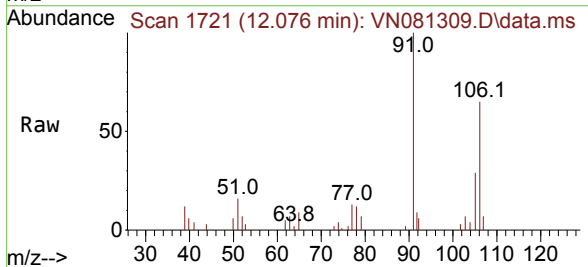
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

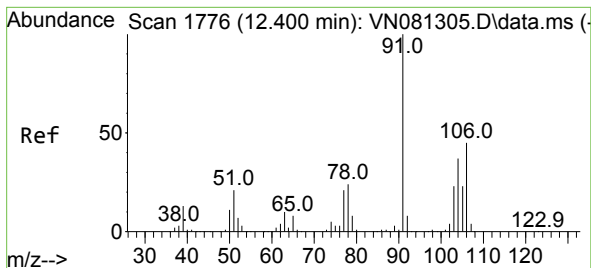
Tgt Ion: 91 Resp: 18432
Ion Ratio Lower Upper
91 100
106 27.0 23.8 35.6



#68
m/p-Xylenes
Concen: 1.946 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 106 Resp: 13856
Ion Ratio Lower Upper
106 100
91 184.0 169.0 253.6





#69

o-Xylene

Concen: 0.968 ug/l

RT: 12.406 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

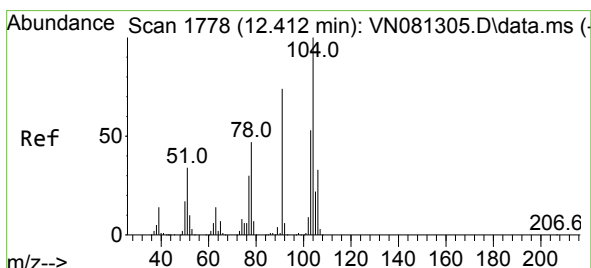
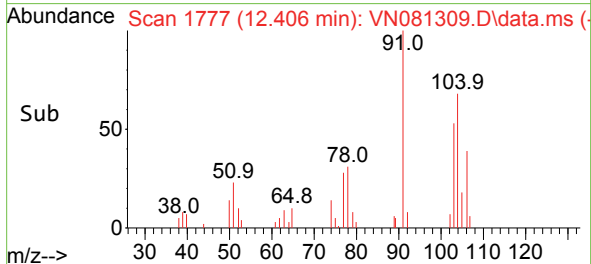
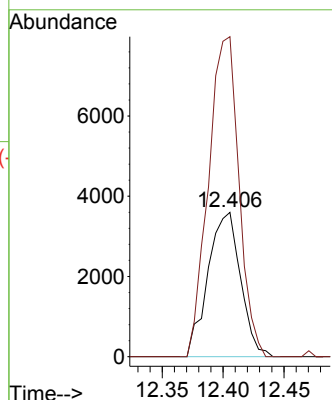
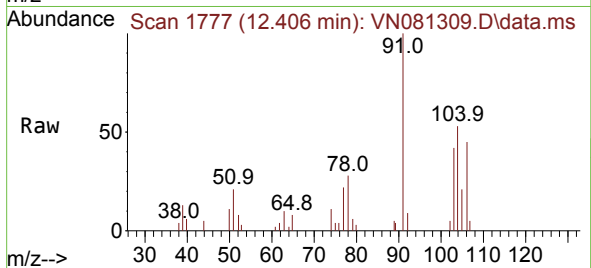
VSTDICC001

Tgt Ion:106 Resp: 6681

Ion Ratio Lower Upper

106 100

91 208.5 112.1 336.3



#70

Styrene

Concen: 0.839 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

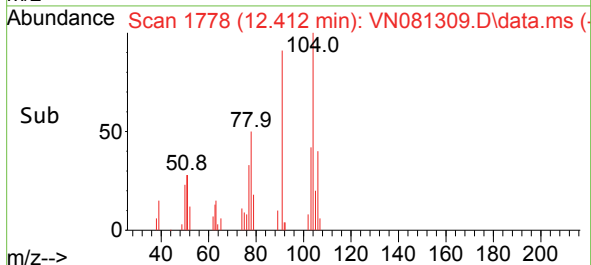
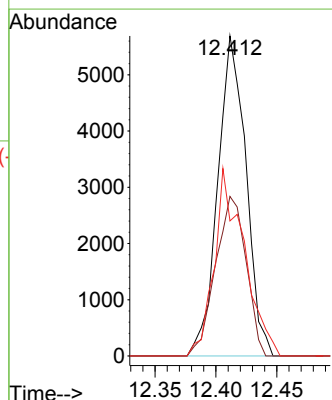
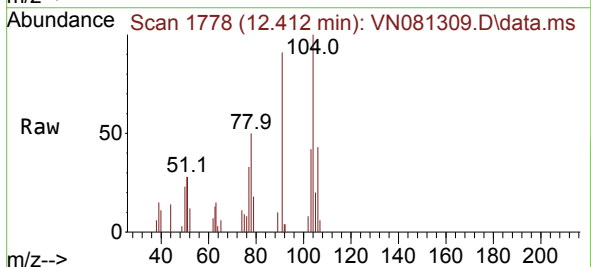
Tgt Ion:104 Resp: 9180

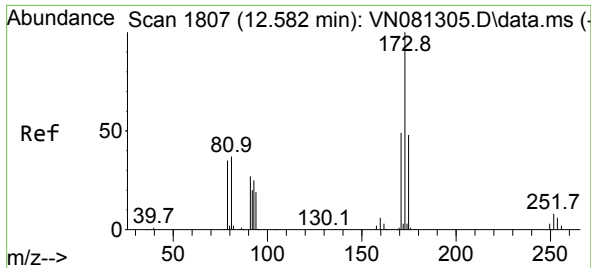
Ion Ratio Lower Upper

104 100

78 53.9 43.8 65.8

103 62.1 44.2 66.2

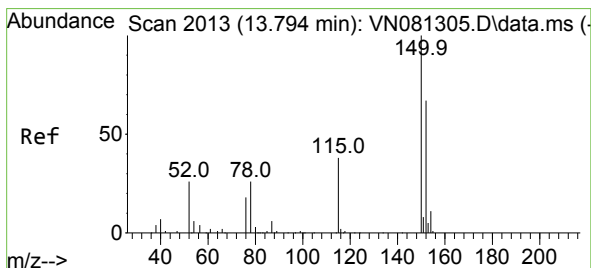
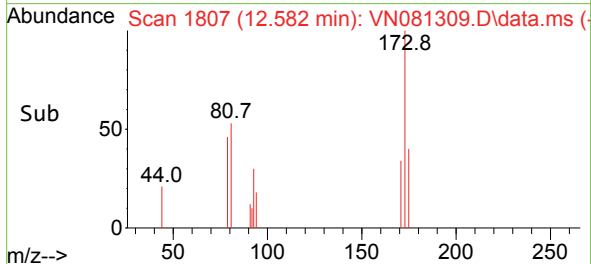
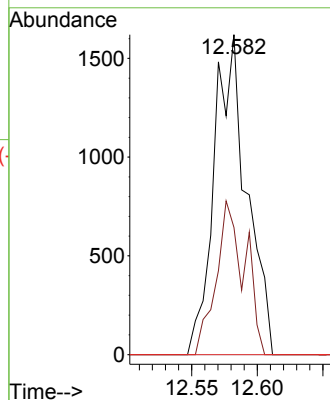
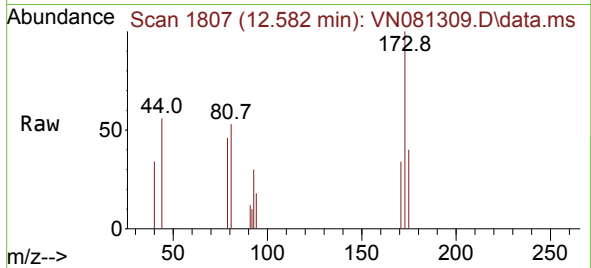




#71
Bromoform
Concen: 1.049 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

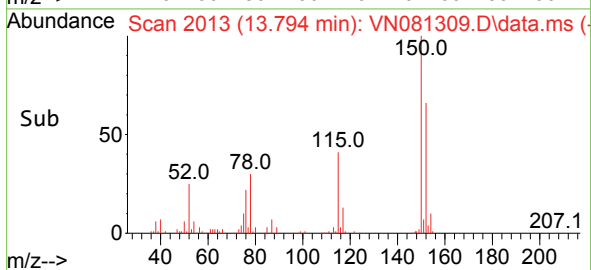
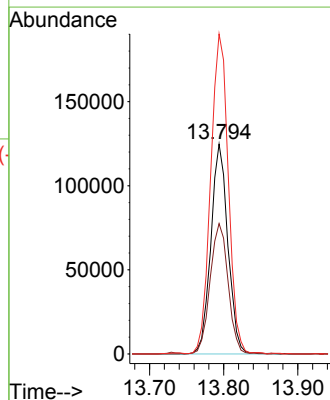
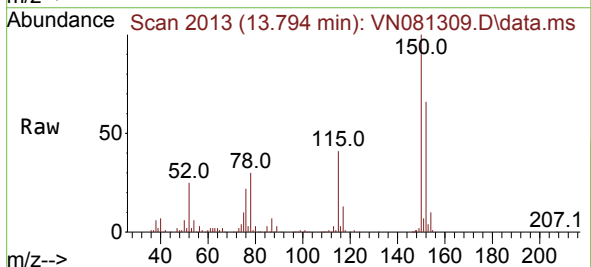
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

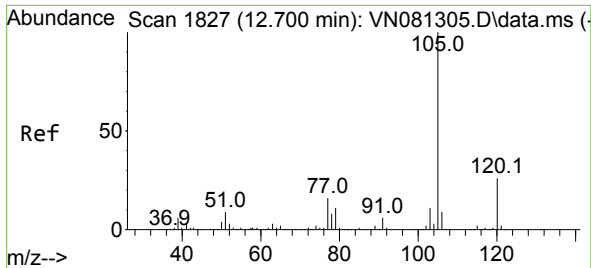
Tgt Ion:173 Resp: 2798
Ion Ratio Lower Upper
173 100
175 42.2 23.1 69.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion:152 Resp: 199387
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 157.7 0.0 339.8

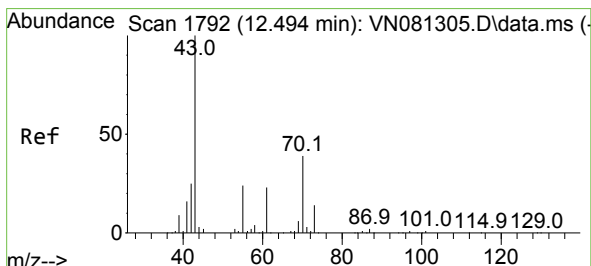
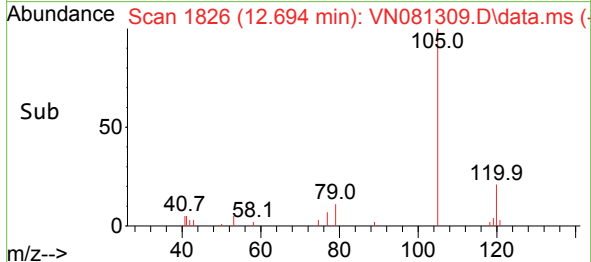
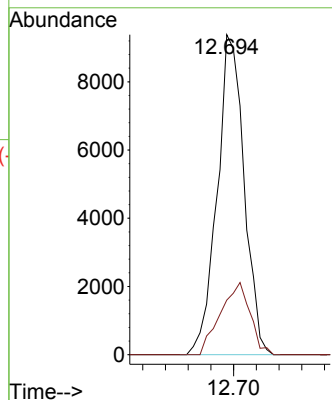
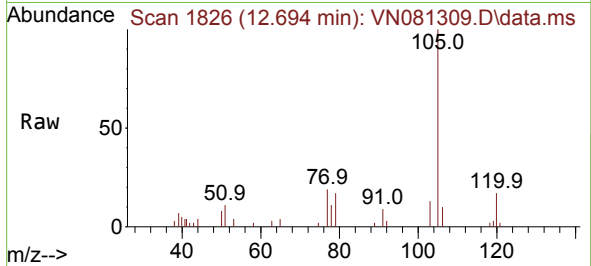




#73
Isopropylbenzene
Concen: 0.960 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

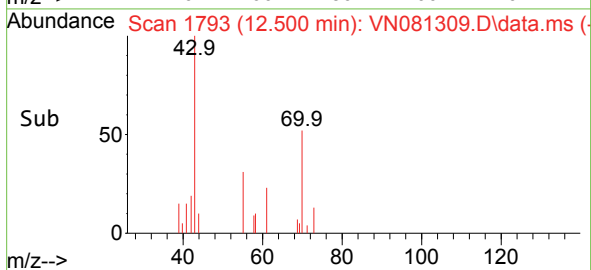
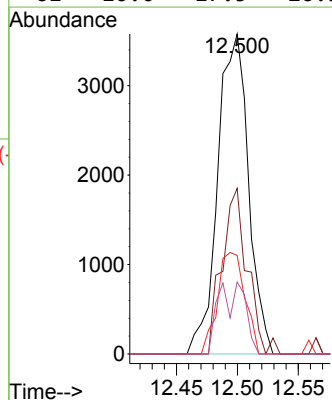
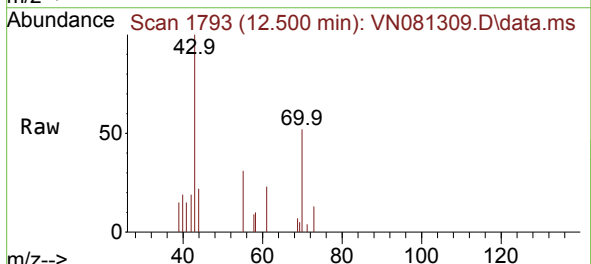
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

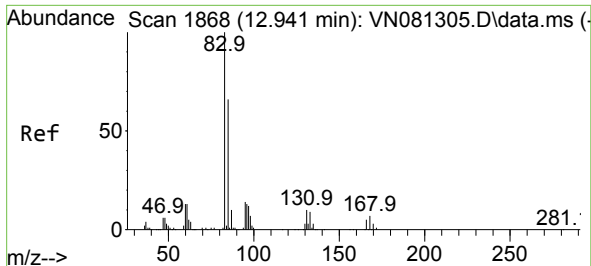
Tgt Ion:105 Resp: 15455
Ion Ratio Lower Upper
105 100
120 24.8 12.6 37.6



#74
N-ethyl acetate
Concen: 0.928 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 43 Resp: 6270
Ion Ratio Lower Upper
43 100
70 42.8 30.1 45.1
55 28.3 17.0 25.4#
61 10.0 17.5 26.3#

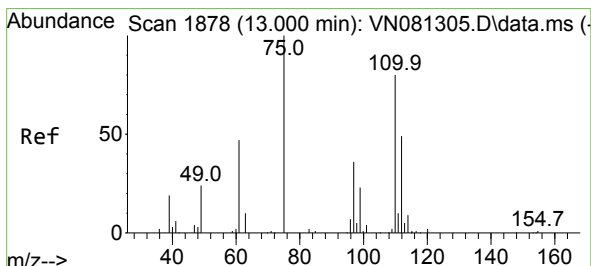
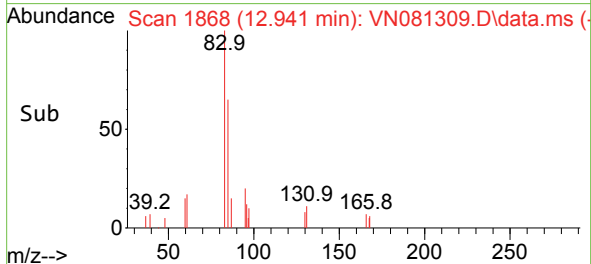
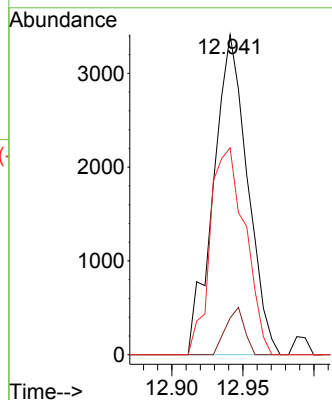
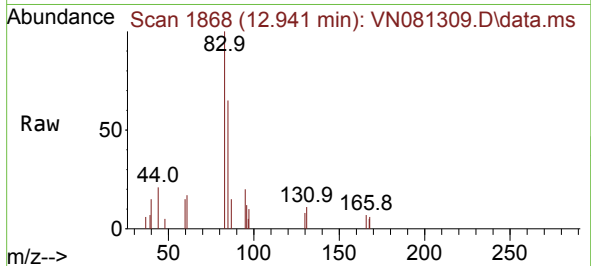




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.146 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

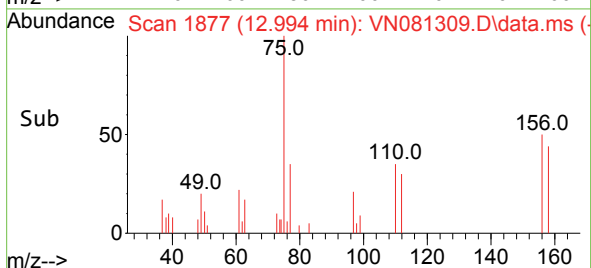
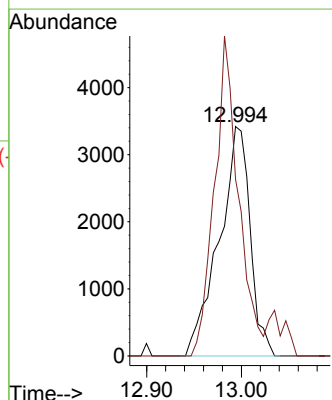
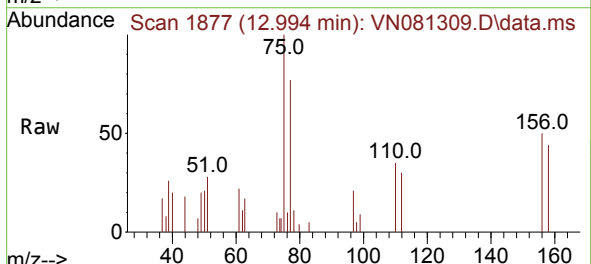
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

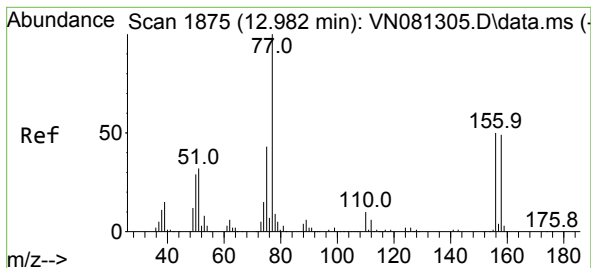
Tgt Ion: 83 Resp: 5694
 Ion Ratio Lower Upper
 83 100
 131 8.0 4.1 12.3
 85 66.4 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 1.614 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.006 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

Tgt Ion: 75 Resp: 7791
 Ion Ratio Lower Upper
 75 100
 77 108.2 91.0 272.8





#77

Bromobenzene

Concen: 1.280 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

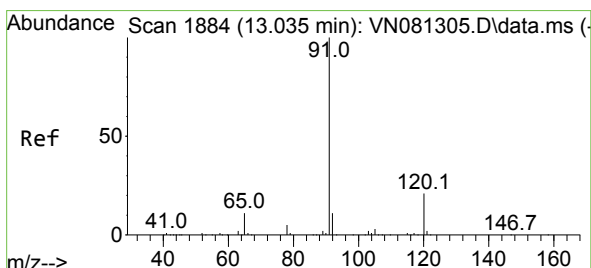
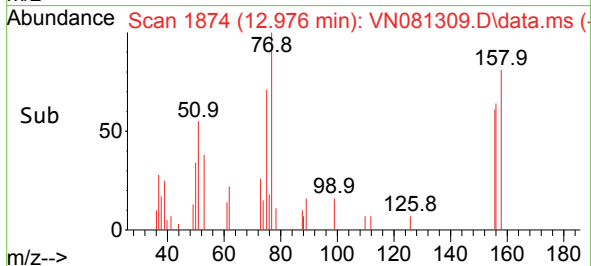
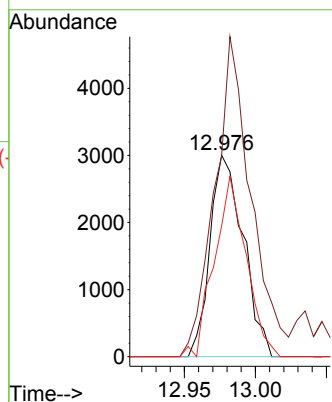
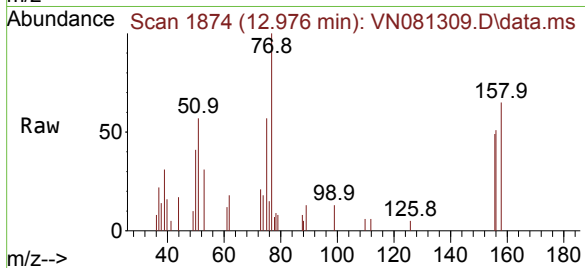
Tgt Ion:156 Resp: 4887

Ion Ratio Lower Upper

156 100

77 172.5 138.1 414.3

158 85.8 46.5 139.5



#78

n-propylbenzene

Concen: 0.909 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN081309.D

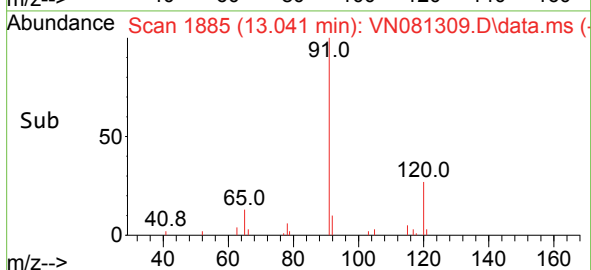
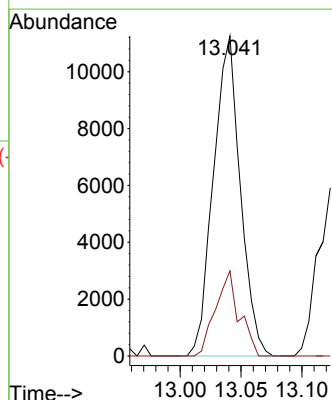
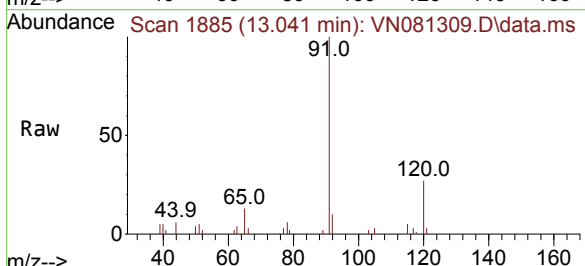
Acq: 05 Mar 2024 13:59

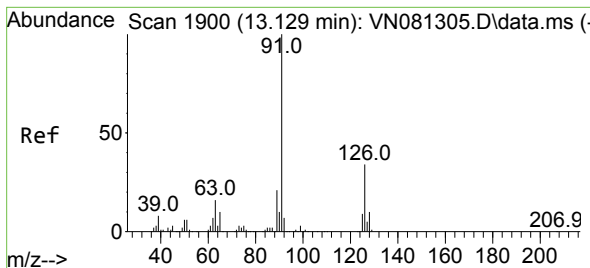
Tgt Ion: 91 Resp: 17315

Ion Ratio Lower Upper

91 100

120 23.4 10.3 30.9





#79

2-Chlorotoluene

Concen: 1.025 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

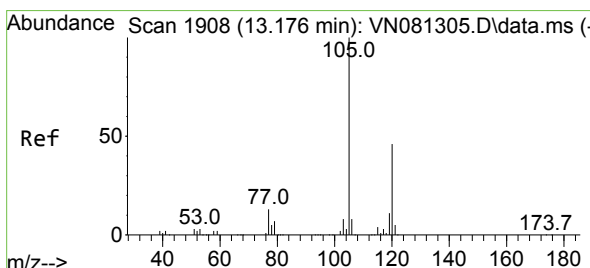
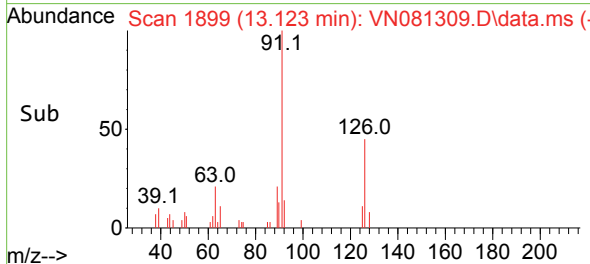
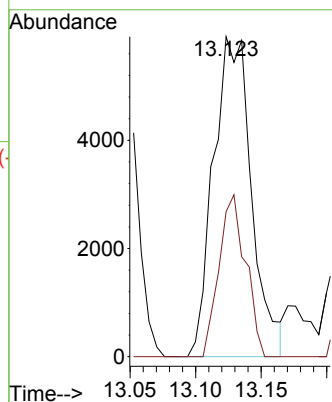
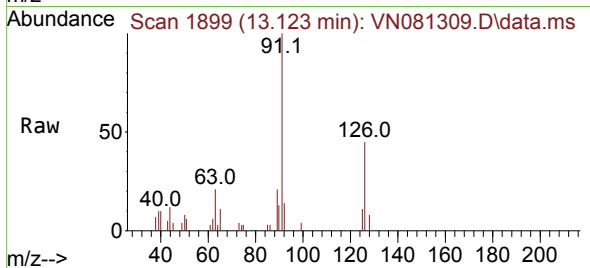
VSTDICC001

Tgt Ion: 91 Resp: 11934

Ion Ratio Lower Upper

91 100

126 35.4 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 0.886 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081309.D

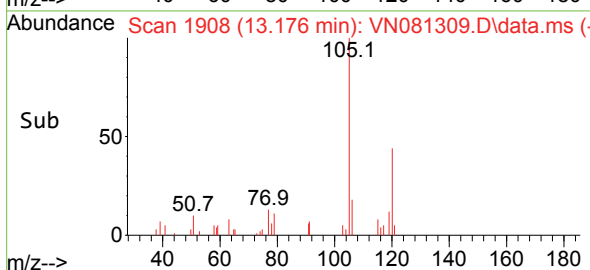
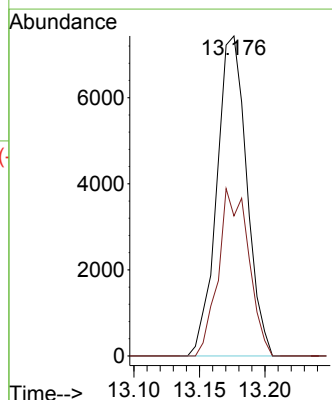
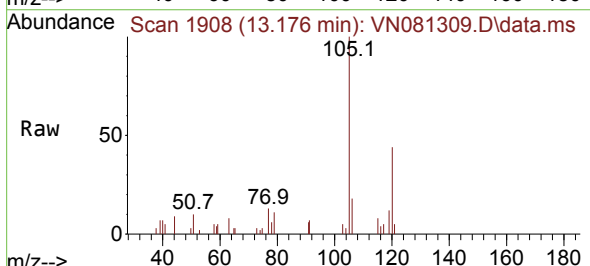
Acq: 05 Mar 2024 13:59

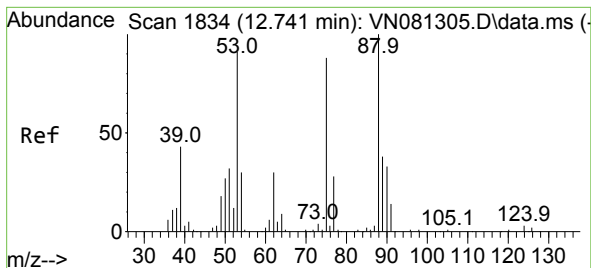
Tgt Ion:105 Resp: 11796

Ion Ratio Lower Upper

105 100

120 52.8 23.0 69.0

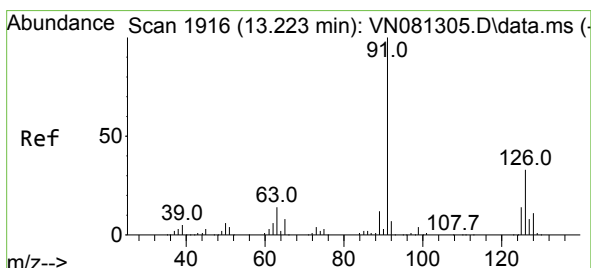
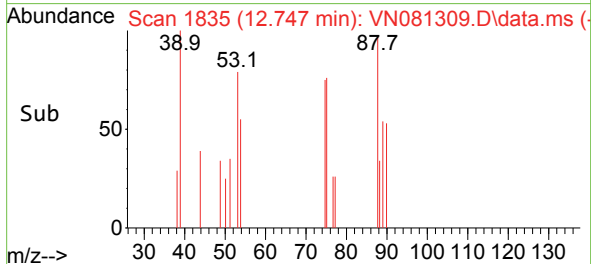
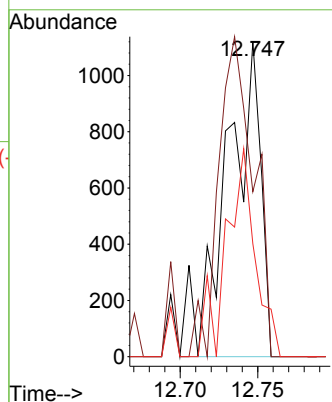
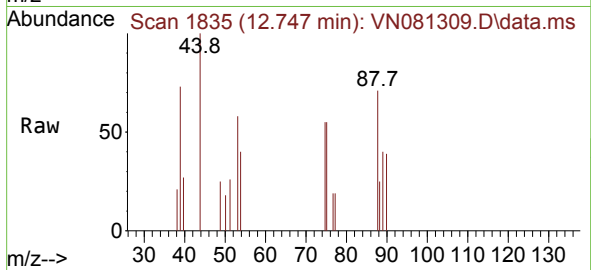




#81
trans-1,4-Dichloro-2-butene
Concen: 1.019 ug/l
RT: 12.747 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

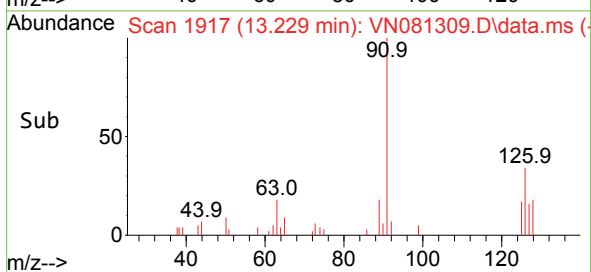
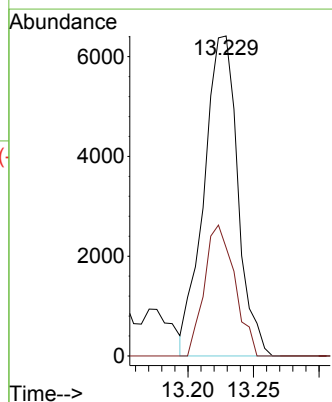
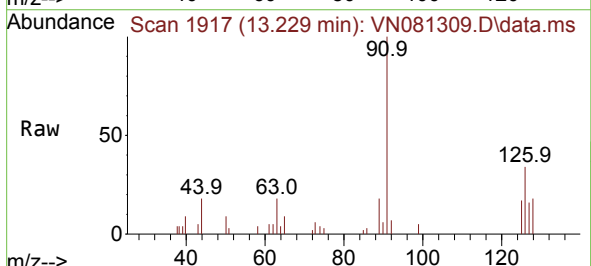
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

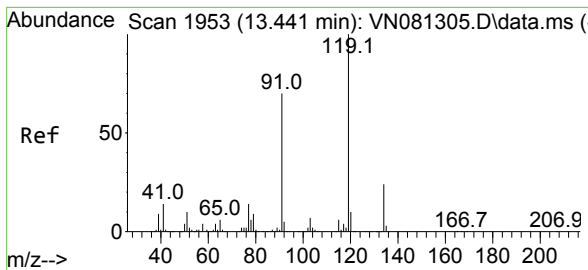
Tgt Ion: 75 Resp: 1719
Ion Ratio Lower Upper
75 100
53 104.0 71.4 107.2
89 56.1 33.4 50.0#



#82
4-Chlorotoluene
Concen: 1.002 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 91 Resp: 11526
Ion Ratio Lower Upper
91 100
126 36.6 15.3 45.9

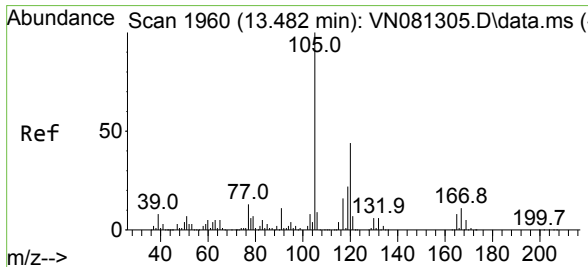
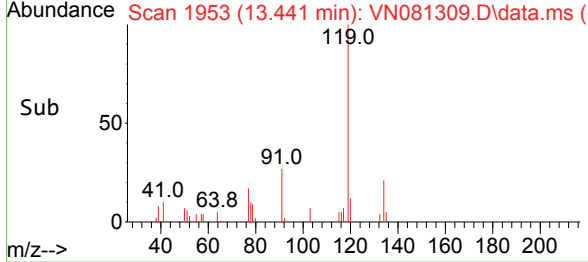
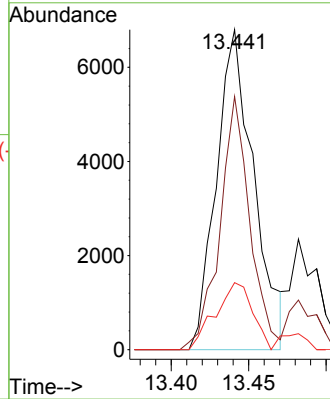
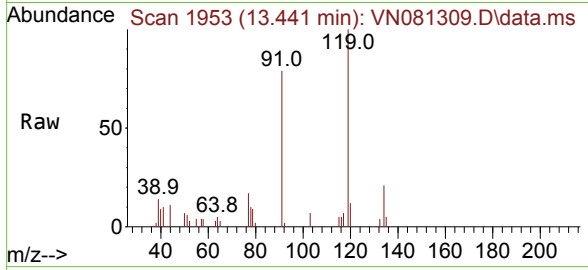




#83
 tert-Butylbenzene
 Concen: 1.001 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

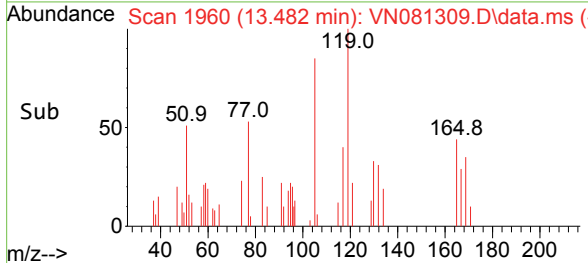
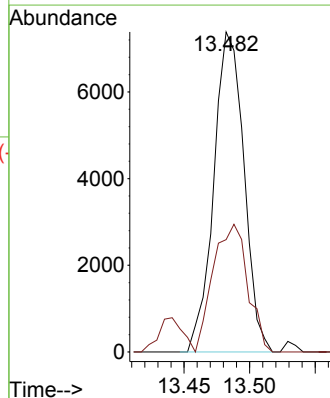
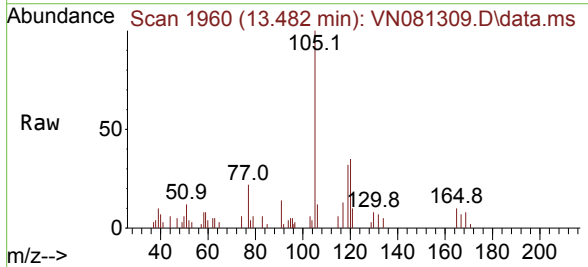
Instrument : MSVOA_N
 ClientSampleId : VSTDIC001

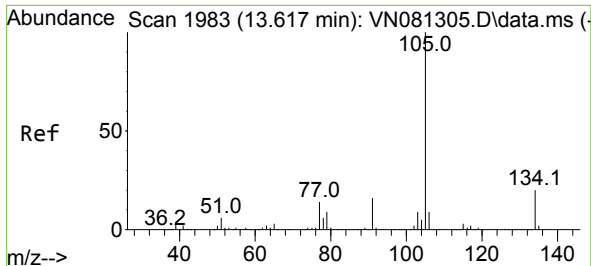
Tgt Ion:	119	Resp:	11425
Ion	Ratio	Lower	Upper
119	100		
91	63.3	36.8	110.4
134	20.7	12.4	37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.876 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

Tgt Ion:	105	Resp:	11816
Ion	Ratio	Lower	Upper
105	100		
120	45.8	20.9	62.7

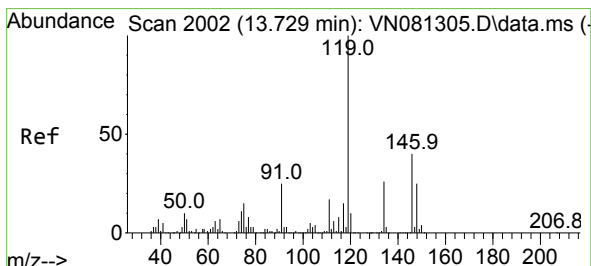
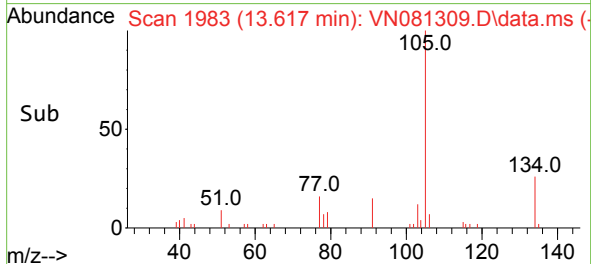
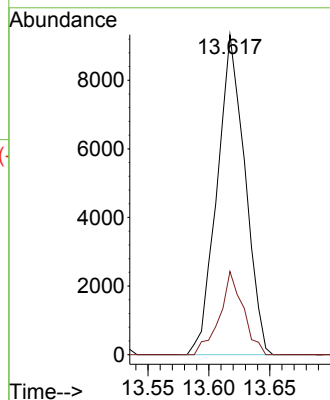
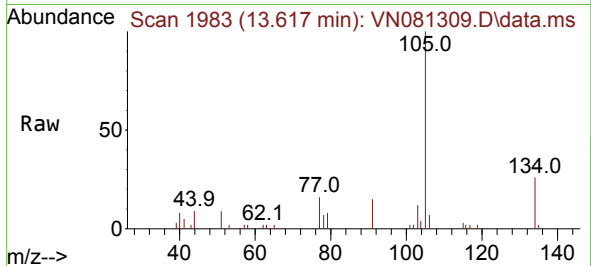




#85
 sec-Butylbenzene
 Concen: 0.902 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

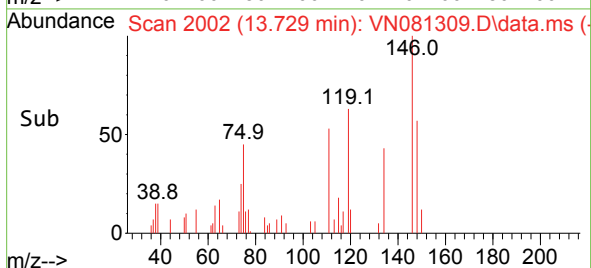
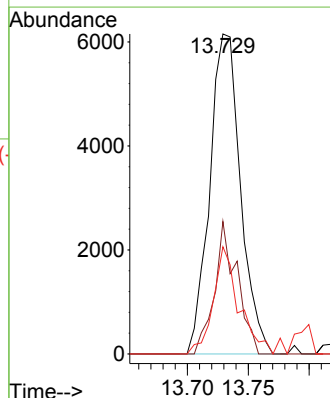
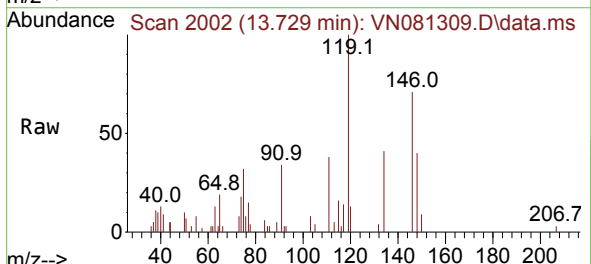
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

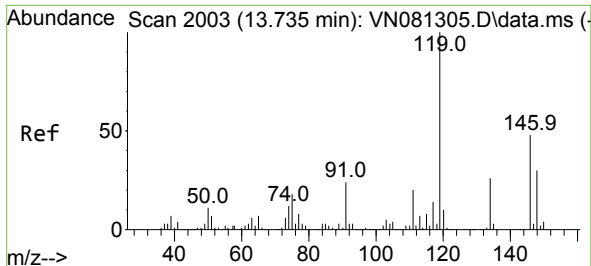
Tgt Ion:105 Resp: 14884
 Ion Ratio Lower Upper
 105 100
 134 22.0 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 0.818 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

Tgt Ion:119 Resp: 10823
 Ion Ratio Lower Upper
 119 100
 134 30.4 12.4 37.2
 91 27.8 13.5 40.4

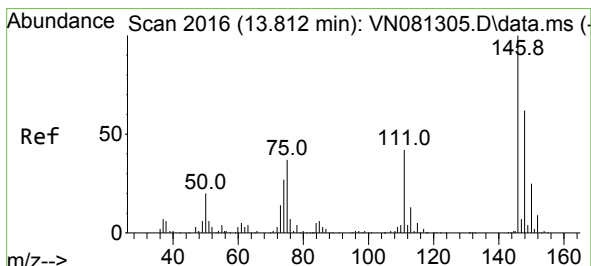
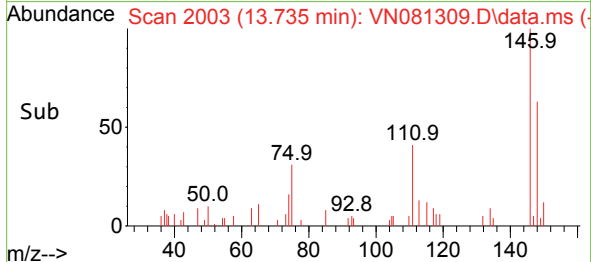
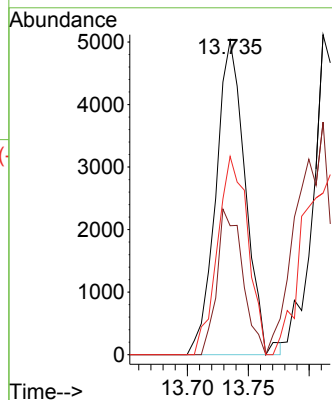
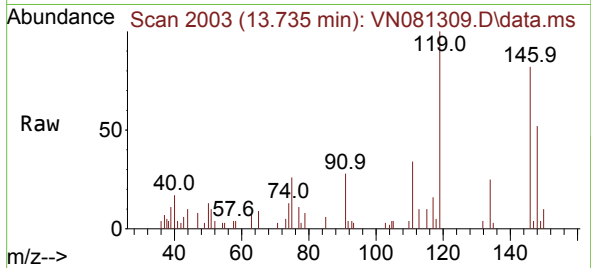




#87
1,3-Dichlorobenzene
Concen: 1.177 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

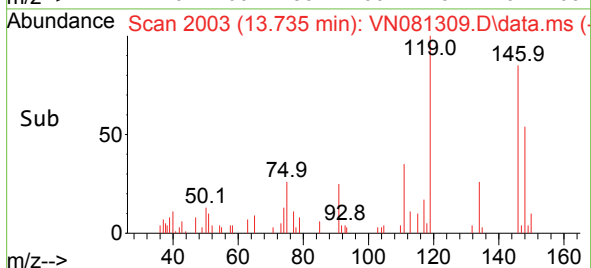
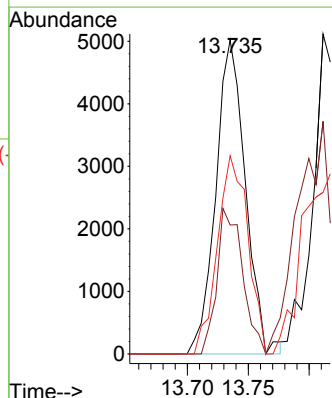
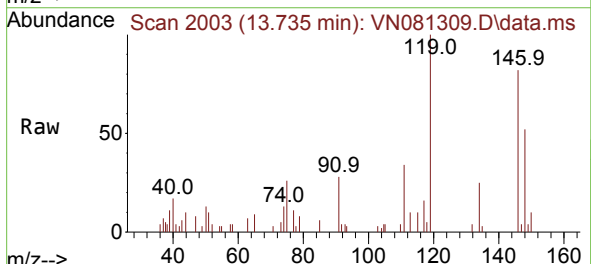
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

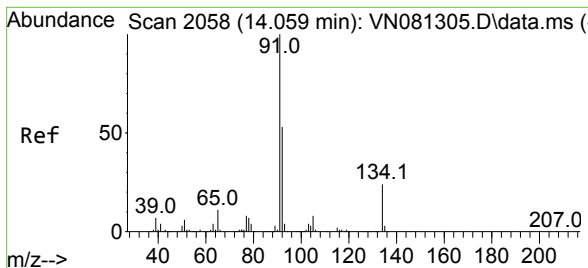
Tgt Ion:146 Resp: 8487
Ion Ratio Lower Upper
146 100
111 40.1 23.9 71.7
148 65.1 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 1.178 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.077 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion:146 Resp: 8487
Ion Ratio Lower Upper
146 100
111 40.1 22.6 67.7
148 65.1 31.9 95.5





#89

n-Butylbenzene

Concen: 0.949 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

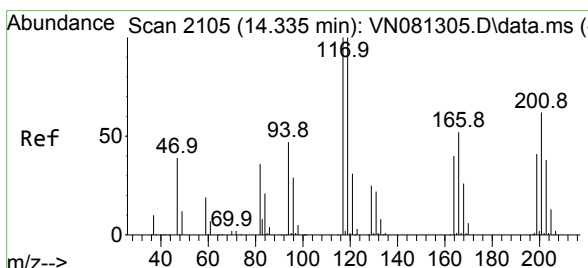
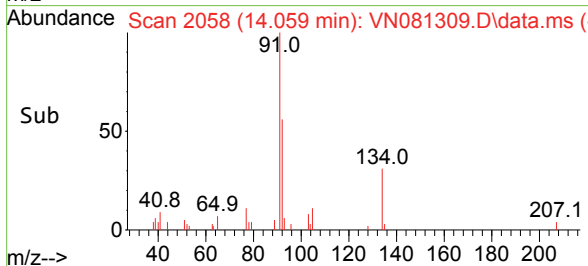
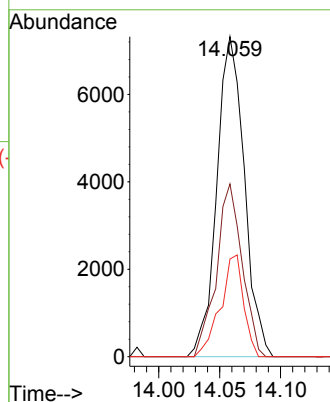
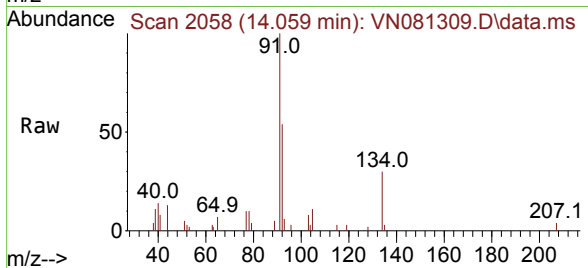
Tgt Ion: 91 Resp: 11521

Ion Ratio Lower Upper

91 100

92 50.5 26.7 80.1

134 26.8 10.8 32.4



#90

Hexachloroethane

Concen: 1.007 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081309.D

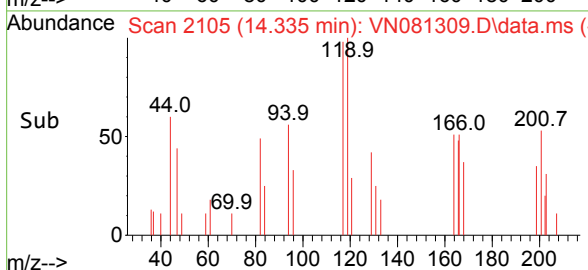
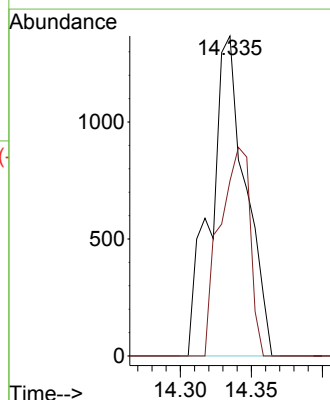
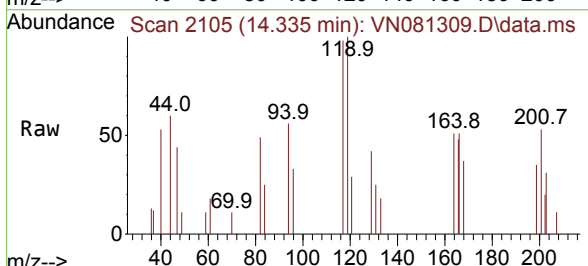
Acq: 05 Mar 2024 13:59

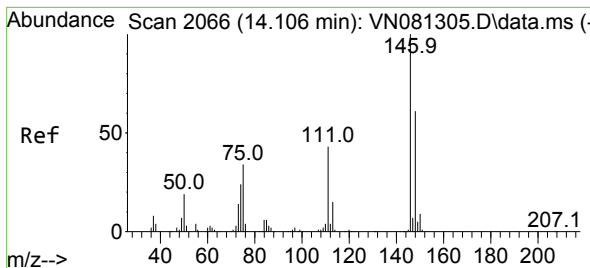
Tgt Ion: 117 Resp: 2334

Ion Ratio Lower Upper

117 100

201 56.9 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 1.088 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

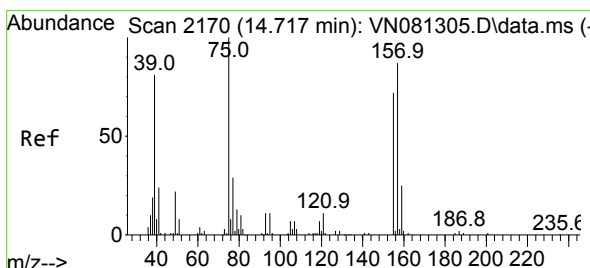
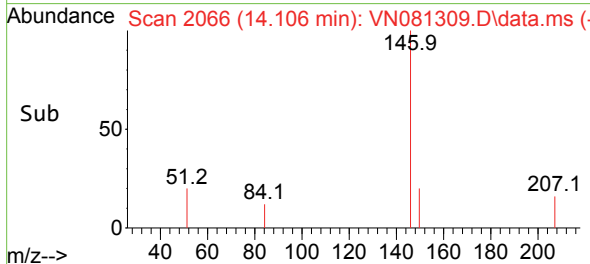
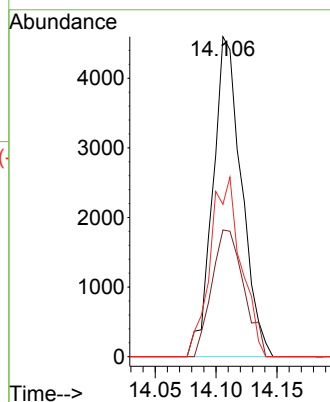
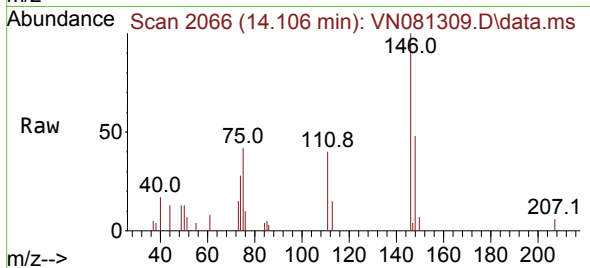
Tgt Ion:146 Resp: 7522

Ion Ratio Lower Upper

146 100

111 44.6 23.9 71.8

148 60.5 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.124 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

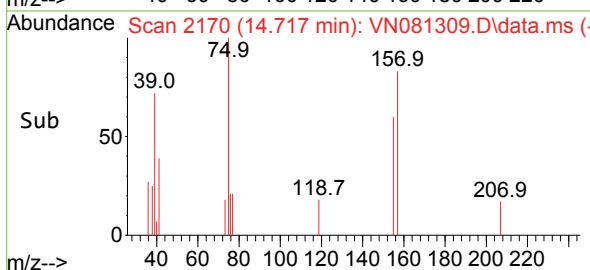
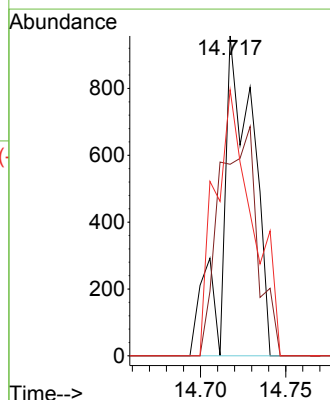
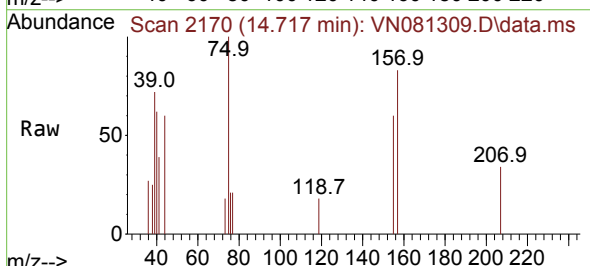
Tgt Ion: 75 Resp: 1195

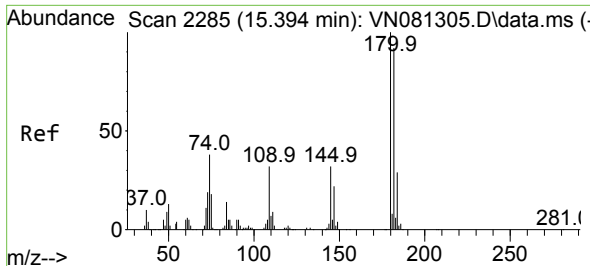
Ion Ratio Lower Upper

75 100

155 88.6 31.8 95.4

157 101.5 41.1 123.4

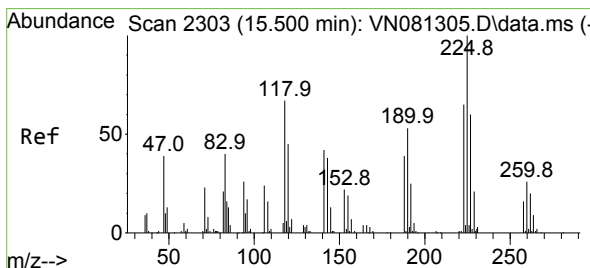
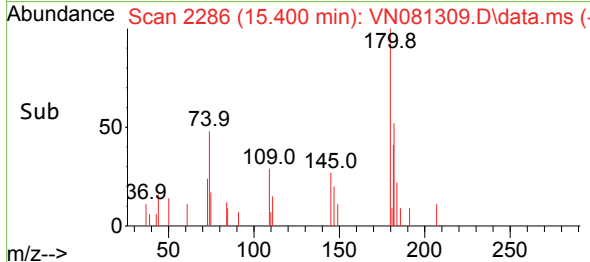
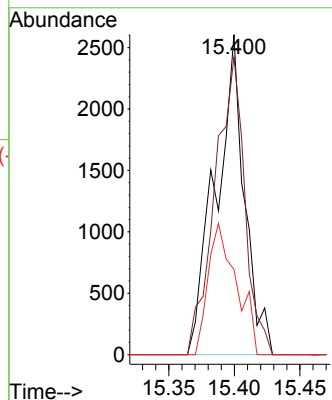
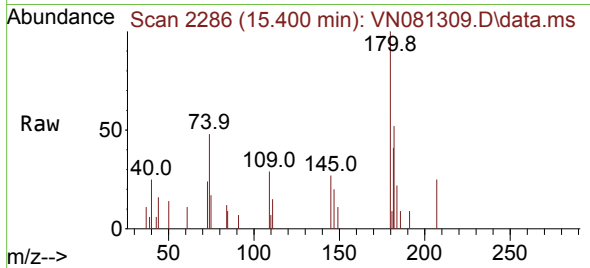




#93
1,2,4-Trichlorobenzene
Concen: 1.075 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

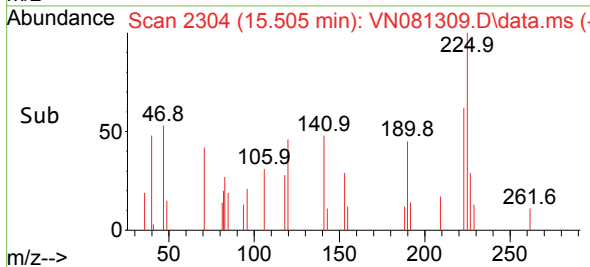
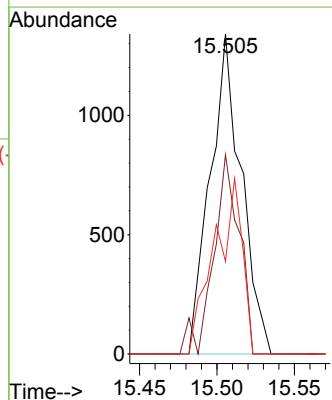
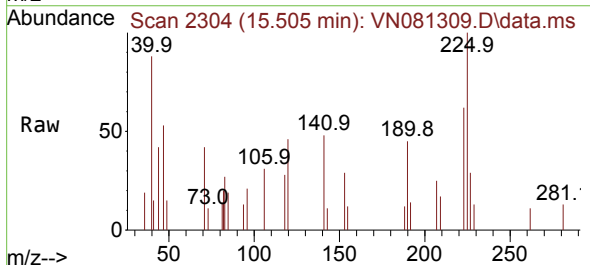
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

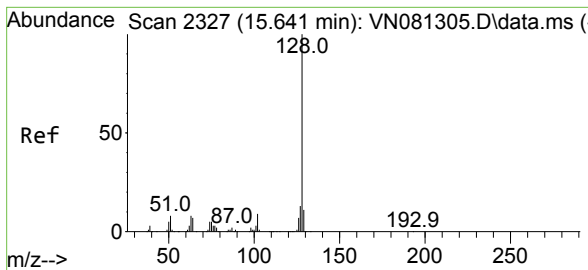
Tgt Ion:180 Resp: 3975
Ion Ratio Lower Upper
180 100
182 96.5 46.6 139.7
145 40.4 16.8 50.3



#94
Hexachlorobutadiene
Concen: 1.226 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion:225 Resp: 1873
Ion Ratio Lower Upper
225 100
223 51.6 33.3 99.8
227 49.3 33.1 99.2

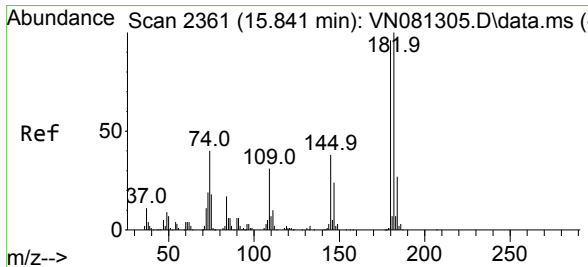
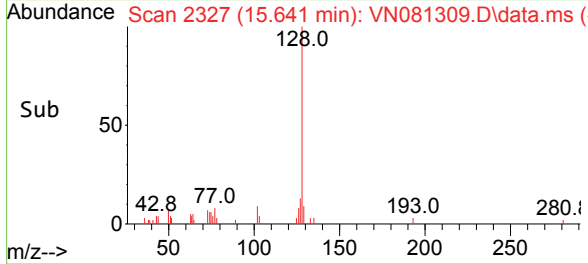
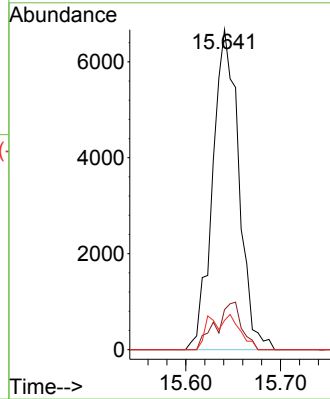
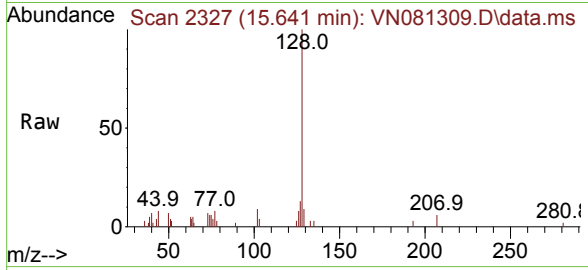




#95
Naphthalene
Concen: 0.976 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 12832
Ion Ratio Lower Upper
128 100
127 14.5 10.0 15.0
129 7.2 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 1.103 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion:180 Resp: 4135
Ion Ratio Lower Upper
180 100
182 91.6 46.5 139.3
145 42.4 17.8 53.4

