

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031824\
 Data File : VN081457.D
 Acq On : 18 Mar 2024 18:02
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Mar 19 05:46:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 05:35:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	396583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	688386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	609294	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245978	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	6333	1.252	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.500%#
35) Dibromofluoromethane	8.165	113	5344	1.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.460%#
50) Toluene-d8	10.571	98	14375	0.915	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	1.840%#
62) 4-Bromofluorobenzene	12.847	95	5621	1.016	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	2.040%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	6168	1.155	ug/l	93
3) Chloromethane	2.365	50	6139	1.155	ug/l	93
4) Vinyl Chloride	2.512	62	6562	1.100	ug/l	90
5) Bromomethane	2.965	94	6754	1.601	ug/l	100
6) Chloroethane	3.130	64	4799	1.171	ug/l	100
7) Trichlorofluoromethane	3.501	101	8987	1.011	ug/l	# 83
8) Diethyl Ether	3.959	74	2887	0.981	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.359	101	2577	0.510	ug/l	# 24
10) Methyl Iodide	4.583	142	2199	0.437	ug/l	# 97
11) Tert butyl alcohol	5.518	59	4488	5.092	ug/l	94
12) 1,1-Dichloroethene	4.342	96	5267	1.125	ug/l	83
13) Acrolein	4.183	56	5152	6.514	ug/l	99
14) Allyl chloride	5.012	41	5987	1.021	ug/l	# 93
15) Acrylonitrile	5.718	53	6542	2.775	ug/l	# 22
16) Acetone	4.430	43	10048	6.148	ug/l	# 87
17) Carbon Disulfide	4.712	76	15489	1.153	ug/l	# 91
18) Methyl Acetate	5.024	43	2535	0.503	ug/l	# 69
19) Methyl tert-butyl Ether	5.795	73	13873	0.947	ug/l	# 80
20) Methylene Chloride	5.277	84	5870	1.096	ug/l	# 78
21) trans-1,2-Dichloroethene	5.795	96	6024	1.154	ug/l	# 57
22) Diisopropyl ether	6.665	45	12121	0.889	ug/l	# 77
23) Vinyl Acetate	6.600	43	45398	4.185	ug/l	100
24) 1,1-Dichloroethane	6.571	63	10107	1.107	ug/l	# 94
25) 2-Butanone	7.489	43	14625	5.217	ug/l	# 54
26) 2,2-Dichloropropane	7.494	77	7419	0.937	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	6423	1.088	ug/l	86
28) Bromochloromethane	7.824	49	4283	1.152	ug/l	# 44
29) Tetrahydrofuran	7.841	42	9373	4.963	ug/l	# 80
30) Chloroform	7.977	83	9992	1.023	ug/l	# 83
31) Cyclohexane	8.236	56	15524	1.886	ug/l	# 1
32) 1,1,1-Trichloroethane	8.165	97	9283	1.047	ug/l	# 46
36) 1,1-Dichloropropene	8.371	75	7109	0.972	ug/l	90
37) Ethyl Acetate	7.565	43	6324	1.010	ug/l	# 94
38) Carbon Tetrachloride	8.359	117	8353	1.043	ug/l	99
39) Methylcyclohexane	9.594	83	6799	0.833	ug/l	92
40) Benzene	8.612	78	21171	0.990	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	3263	0.986	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	7589	1.009	ug/l	98
43) Isopropyl Acetate	8.688	43	9911	0.955	ug/l #	89
44) Trichloroethene	9.347	130	6408	1.066	ug/l	53
45) 1,2-Dichloropropane	9.618	63	4800	0.927	ug/l #	79
46) Dibromomethane	9.712	93	4008	1.019	ug/l	89
47) Bromodichloromethane	9.894	83	7347	0.955	ug/l #	80
48) Methyl methacrylate	9.677	41	4251	0.888	ug/l #	89
49) 1,4-Dioxane	9.688	88	1299	11.293	ug/l #	46
51) 4-Methyl-2-Pentanone	10.447	43	29233	4.617	ug/l	99
52) Toluene	10.630	92	12651	0.931	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	8295	0.999	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	8238	0.925	ug/l #	88
55) 1,1,2-Trichloroethane	11.012	97	5220	0.955	ug/l #	77
56) Ethyl methacrylate	10.877	69	5725	1.339	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	8308	0.927	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	16882	4.907	ug/l #	81
59) 2-Hexanone	11.200	43	19881	4.247	ug/l	93
60) Dibromochloromethane	11.359	129	6123	1.018	ug/l	82
61) 1,2-Dibromoethane	11.477	107	5308	0.952	ug/l	89
64) Tetrachloroethene	11.112	164	6067	1.042	ug/l #	73
65) Chlorobenzene	11.900	112	14353	0.996	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.959	131	5073	0.950	ug/l #	61
67) Ethyl Benzene	11.971	91	22176	0.886	ug/l	97
68) m/p-Xylenes	12.077	106	15670	1.671	ug/l	94
69) o-Xylene	12.394	106	7941	0.862	ug/l	89
70) Styrene	12.418	104	12245	0.825	ug/l	95
71) Bromoform	12.582	173	3922	0.978	ug/l #	92
73) Isopropylbenzene	12.700	105	18580	0.886	ug/l	94
74) N-amyl acetate	12.500	43	6769	0.892	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.935	83	6572	1.066	ug/l	89
76) 1,2,3-Trichloropropane	12.994	75	9360	1.594	ug/l #	1
77) Bromobenzene	12.976	156	5347	1.032	ug/l	71
78) n-propylbenzene	13.035	91	21742	0.878	ug/l	92
79) 2-Chlorotoluene	13.124	91	14649	0.988	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	13781	0.796	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	2480	1.139	ug/l	98
82) 4-Chlorotoluene	13.224	91	12775	0.874	ug/l	91
83) tert-Butylbenzene	13.441	119	13967	0.935	ug/l	86
84) 1,2,4-Trimethylbenzene	13.488	105	13737	0.789	ug/l	96
85) sec-Butylbenzene	13.618	105	18391	0.861	ug/l	96
86) p-Isopropyltoluene	13.729	119	13775	0.789	ug/l	93
87) 1,3-Dichlorobenzene	13.735	146	9533	1.002	ug/l	90
88) 1,4-Dichlorobenzene	13.812	146	10596	1.075	ug/l	81
89) n-Butylbenzene	14.059	91	12870	0.832	ug/l	93
90) Hexachloroethane	14.329	117	3361	1.017	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	9657	1.054	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.718	75	1347	1.027	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	5495	1.038	ug/l	97
94) Hexachlorobutadiene	15.512	225	2593	1.116	ug/l	92
95) Naphthalene	15.641	128	16600	0.967	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	5550	1.042	ug/l	95

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ClientSampleId :
VSTDICC001

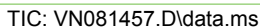
Quant Time: Mar 19 05:46:26 2024
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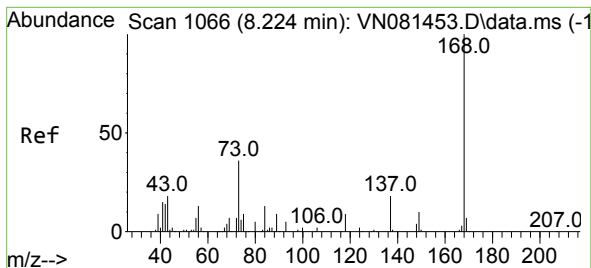
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
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VSTDICC001

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

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ClientSampleId :

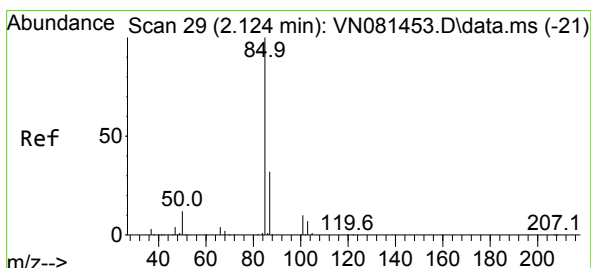
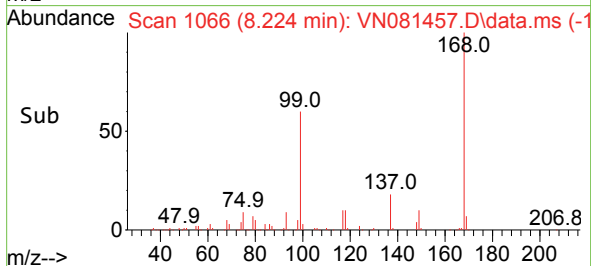
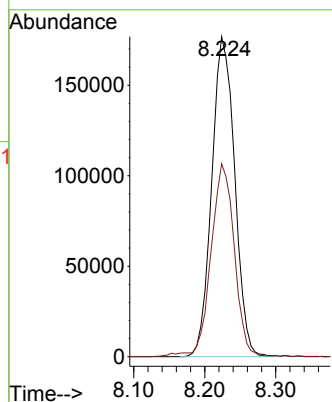
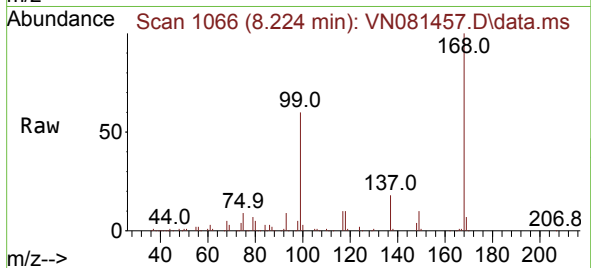
VSTDIC001

Tgt Ion:168 Resp: 396583

Ion Ratio Lower Upper

168 100

99 60.2 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 1.155 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081457.D

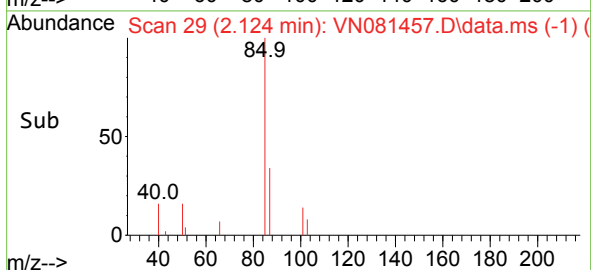
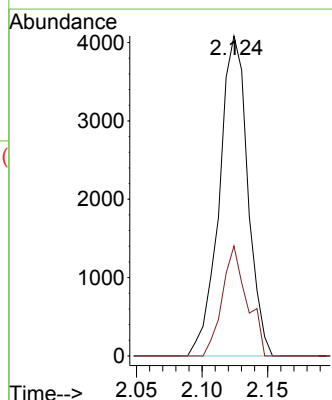
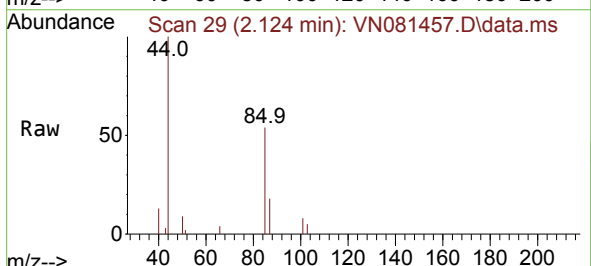
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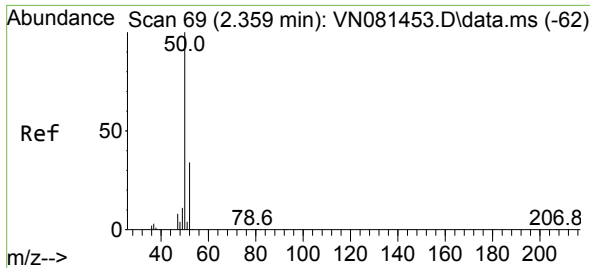
Tgt Ion: 85 Resp: 6168

Ion Ratio Lower Upper

85 100

87 34.4 15.3 45.9

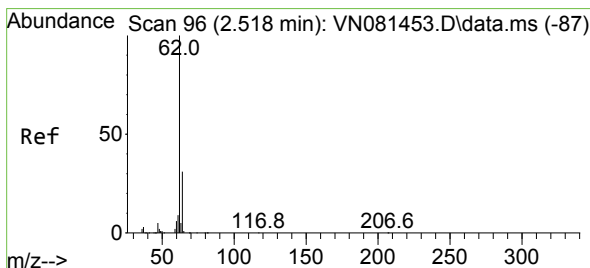
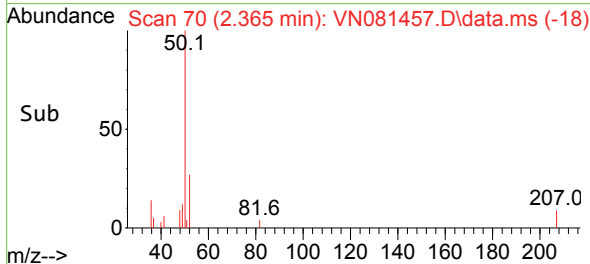
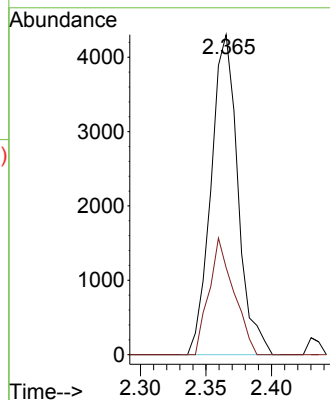
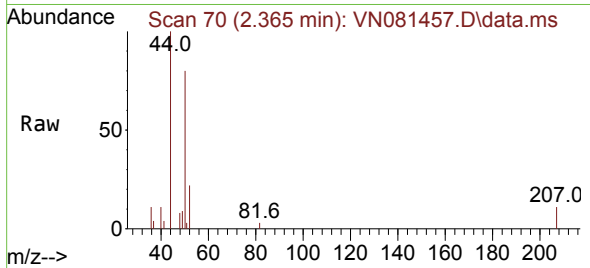




#3
Chloromethane
Concen: 1.155 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

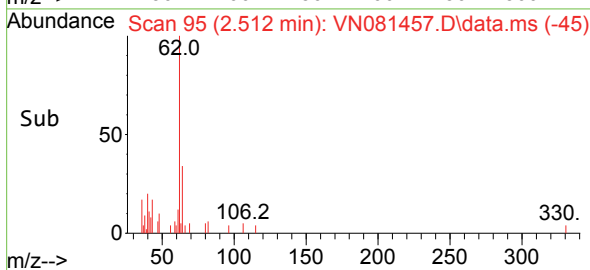
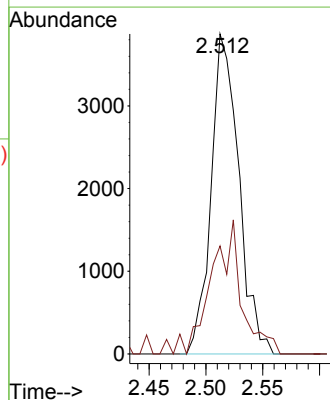
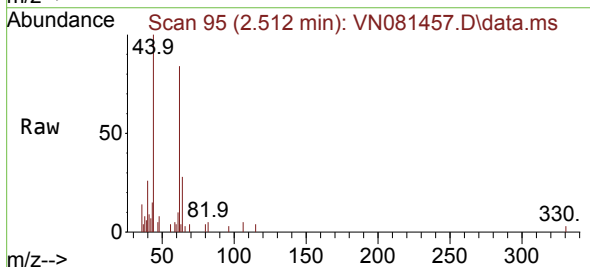
Instrument :
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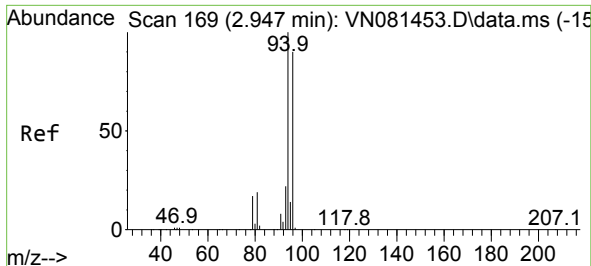
Tgt Ion: 50 Resp: 6139
Ion Ratio Lower Upper
50 100
52 27.2 25.0 37.4



#4
Vinyl Chloride
Concen: 1.100 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 62 Resp: 6562
Ion Ratio Lower Upper
62 100
64 33.7 22.7 34.1

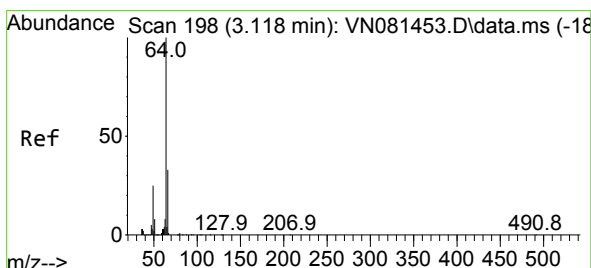
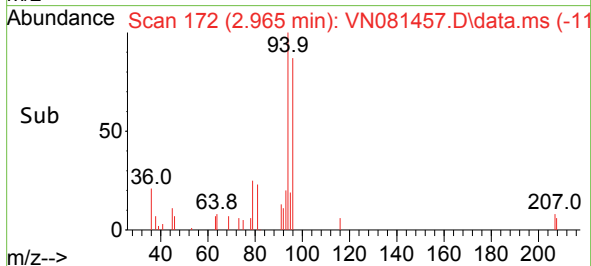
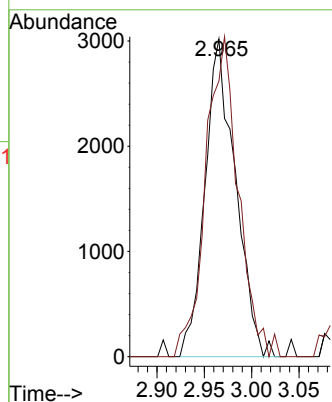
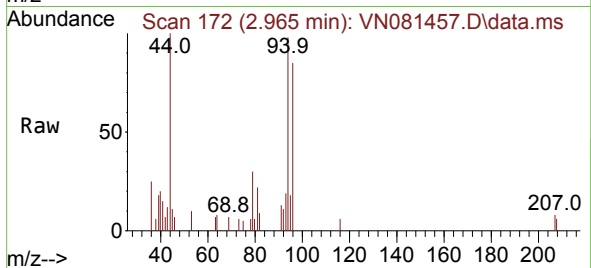




#5
Bromomethane
Concen: 1.601 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

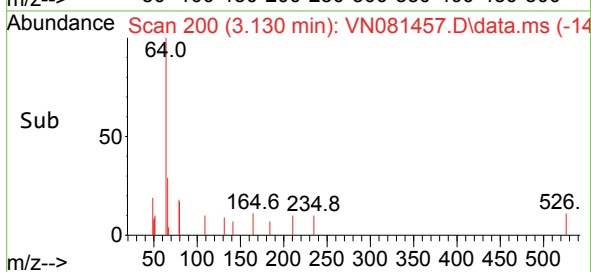
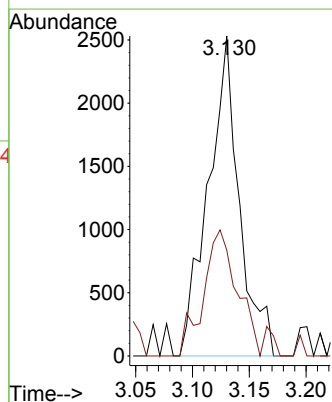
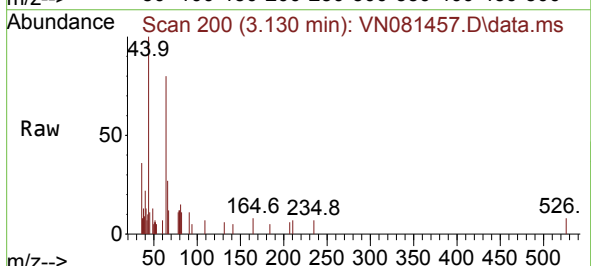
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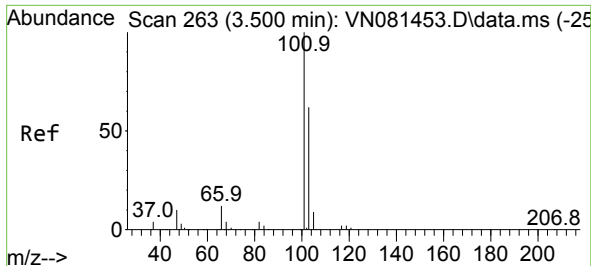
Tgt Ion: 94 Resp: 6754
Ion Ratio Lower Upper
94 100
96 86.8 69.2 103.8



#6
Chloroethane
Concen: 1.171 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 64 Resp: 4799
Ion Ratio Lower Upper
64 100
66 33.1 26.4 39.6

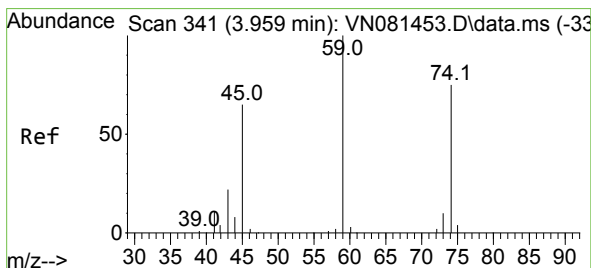
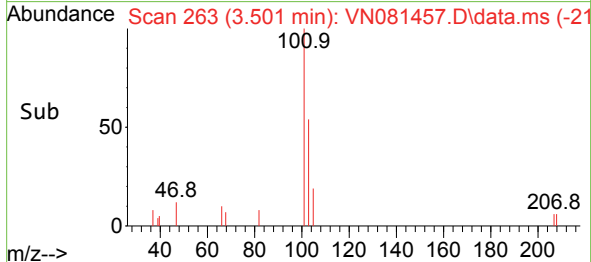
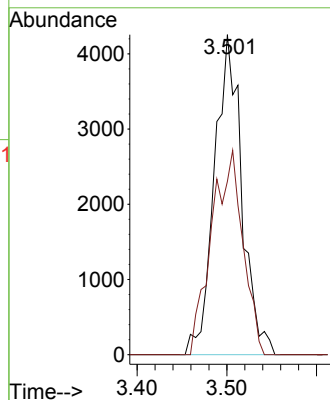
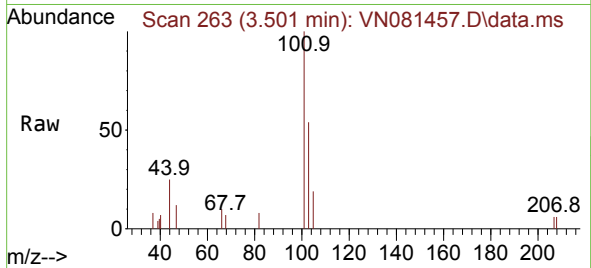




#7
Trichlorofluoromethane
Concen: 1.011 ug/l
RT: 3.501 min Scan# 206
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

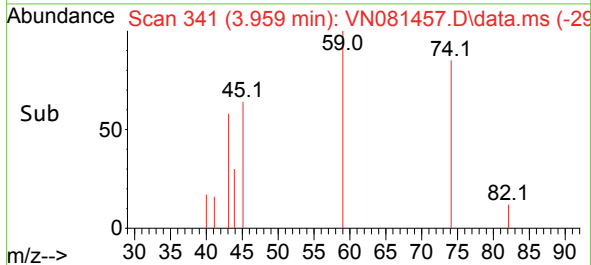
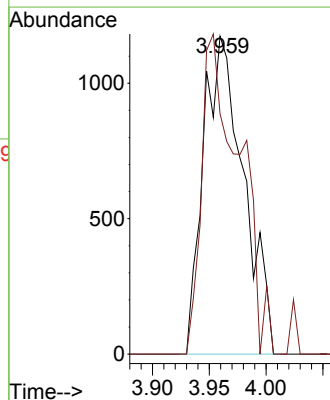
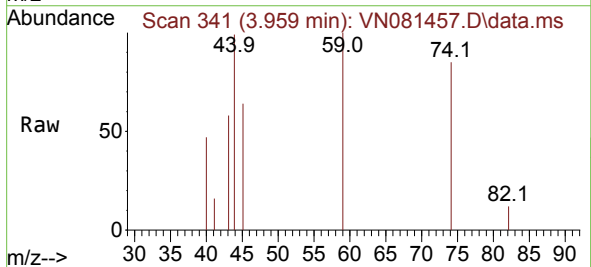
Instrument :
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ClientSampleId :
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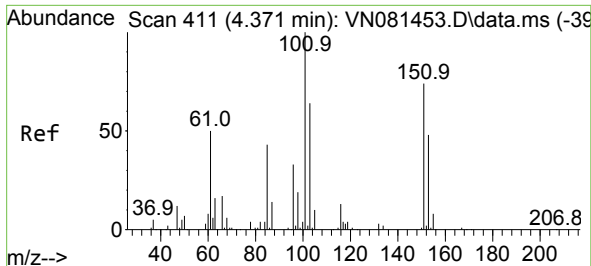
Tgt Ion:101 Resp: 8987
Ion Ratio Lower Upper
101 100
103 54.2 54.4 81.6#



#8
Diethyl Ether
Concen: 0.981 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 74 Resp: 2887
Ion Ratio Lower Upper
74 100
45 94.7 53.3 159.9

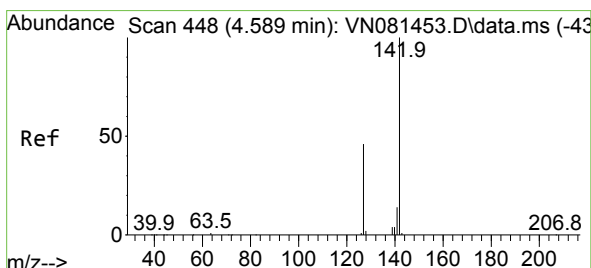
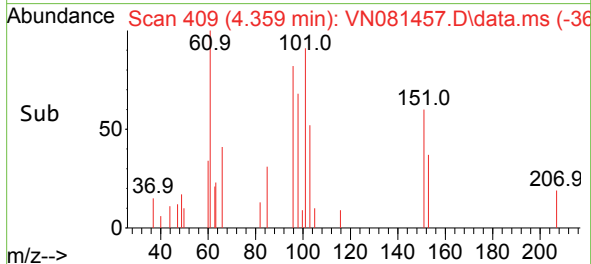
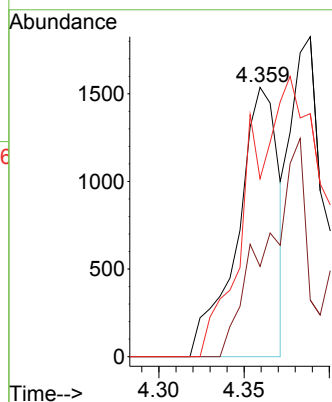
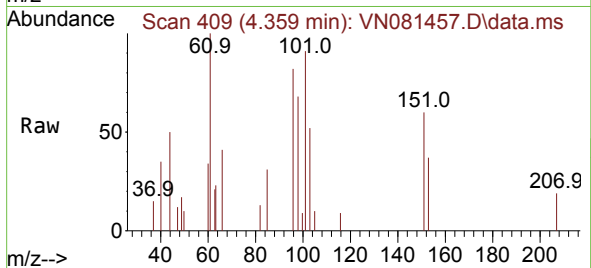




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.510 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

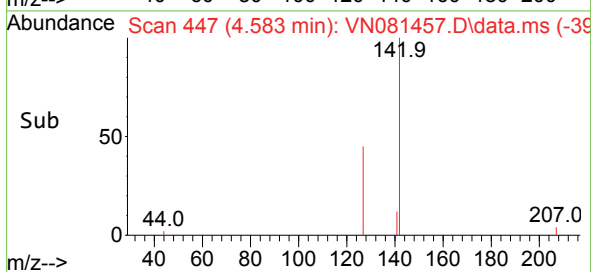
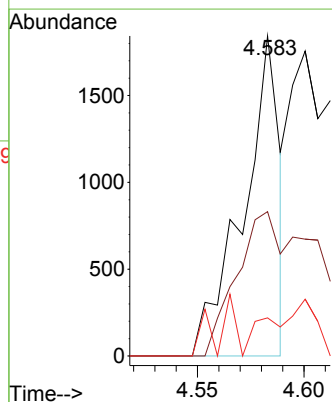
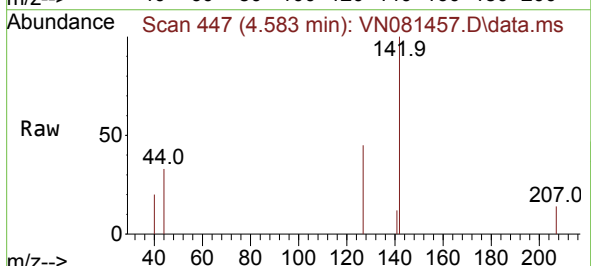
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

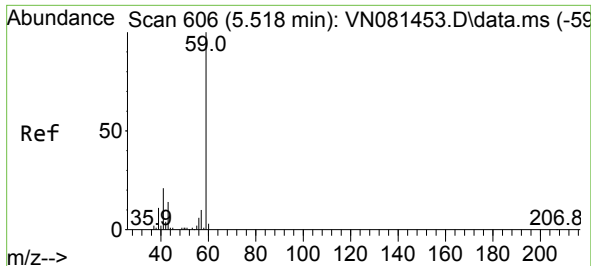
Tgt Ion:101 Resp: 2577
Ion Ratio Lower Upper
101 100
85 0.0 38.1 57.1#
151 0.0 49.1 73.7#



#10
Methyl Iodide
Concen: 0.437 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion:142 Resp: 2199
Ion Ratio Lower Upper
142 100
127 45.1 37.0 55.4
141 11.9 12.5 18.7#

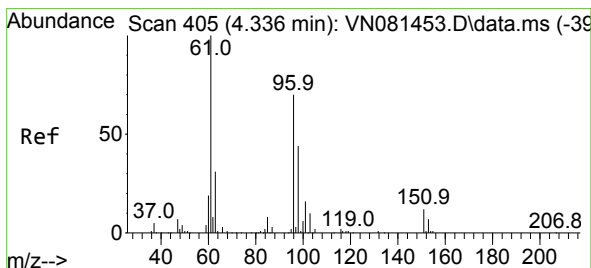
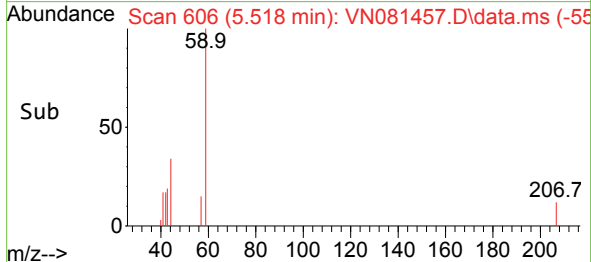
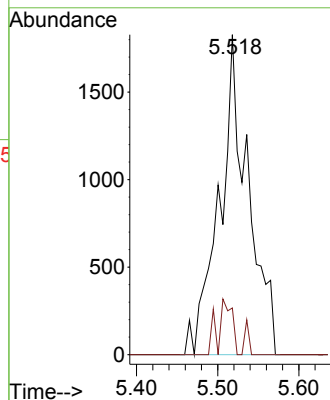
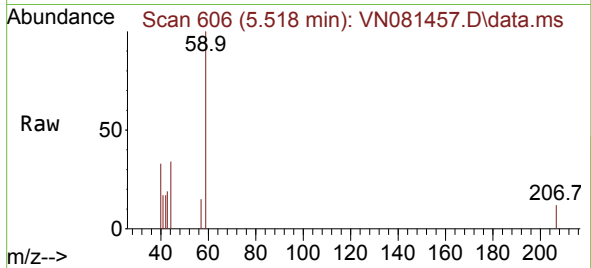




#11
Tert butyl alcohol
Concen: 5.092 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

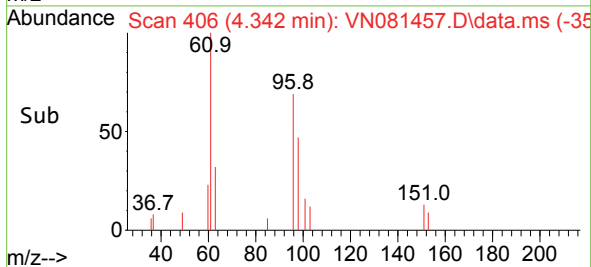
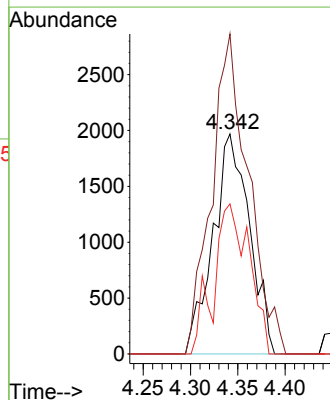
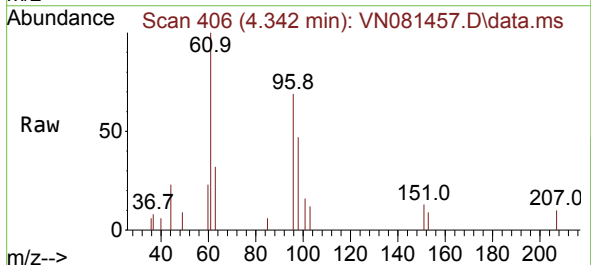
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

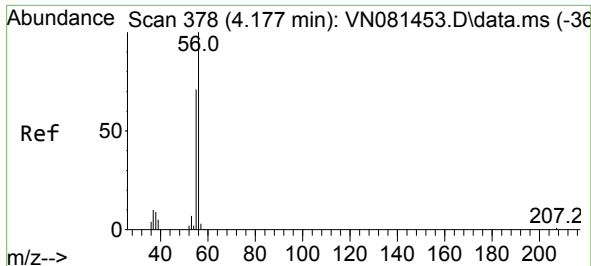
Tgt Ion: 59 Resp: 4488
Ion Ratio Lower Upper
59 100
57 8.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 1.125 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 96 Resp: 5267
Ion Ratio Lower Upper
96 100
61 145.5 138.2 207.4
98 68.2 49.2 73.8





#13

Acrolein

Concen: 6.514 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

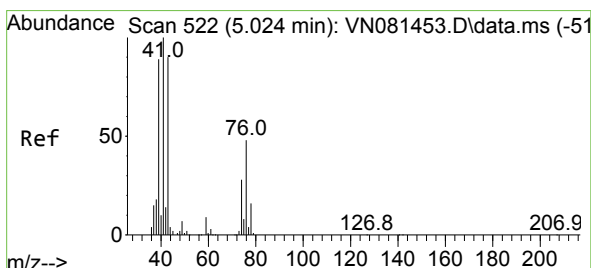
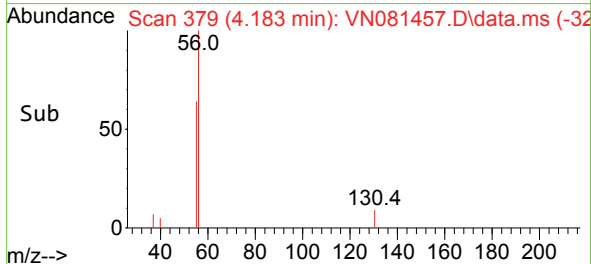
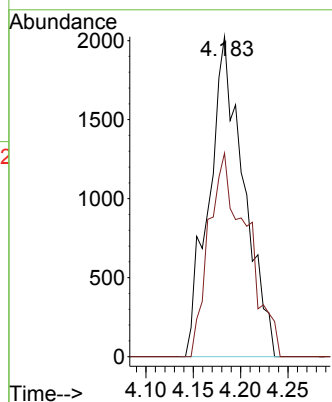
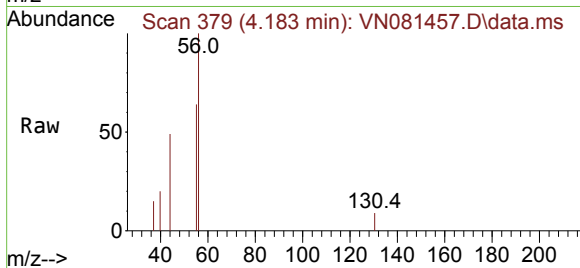
VSTDICC001

Tgt Ion: 56 Resp: 5152

Ion Ratio Lower Upper

56 100

55 70.2 55.3 82.9



#14

Allyl chloride

Concen: 1.021 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.012 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

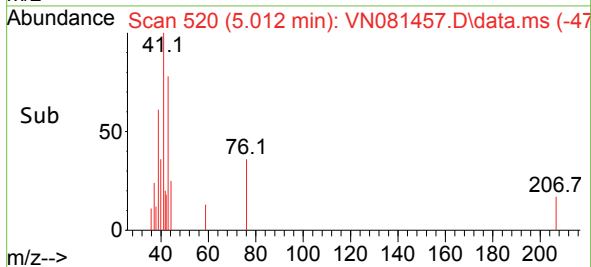
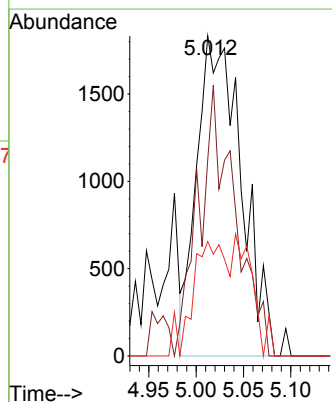
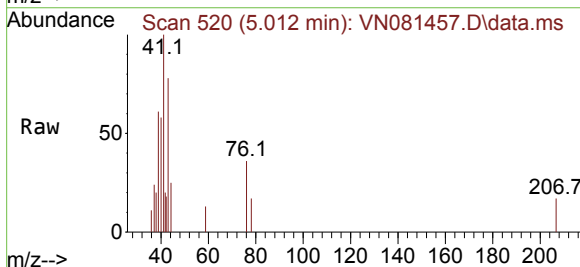
Tgt Ion: 41 Resp: 5987

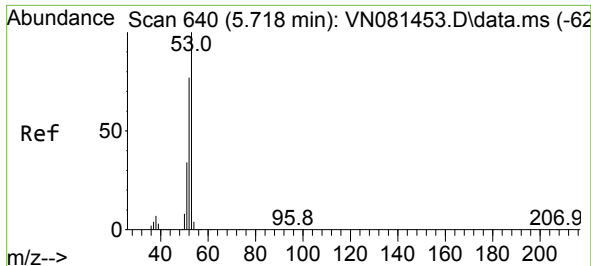
Ion Ratio Lower Upper

41 100

39 68.9 57.7 86.5

76 26.4 26.8 40.2#

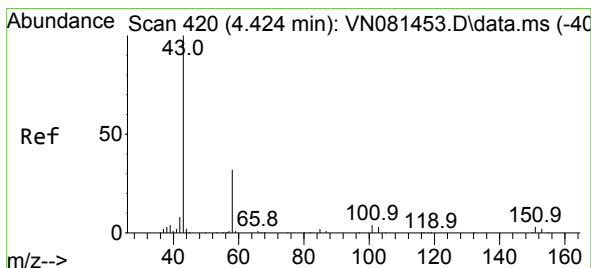
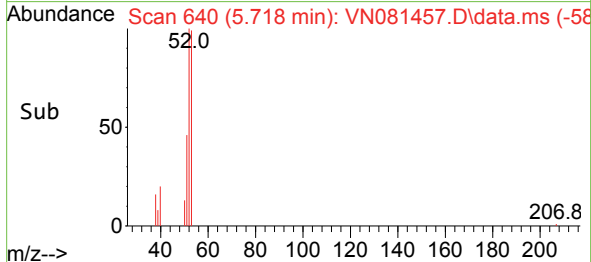
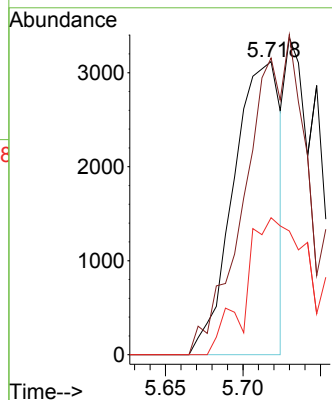
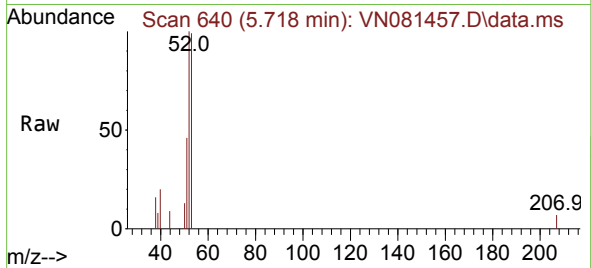




#15
Acrylonitrile
Concen: 2.775 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

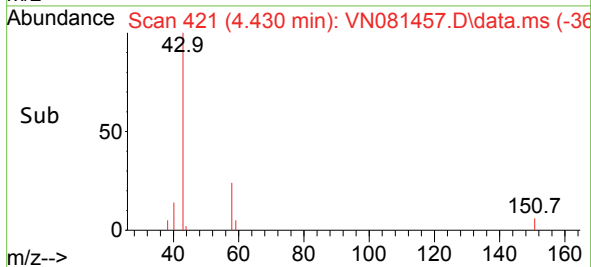
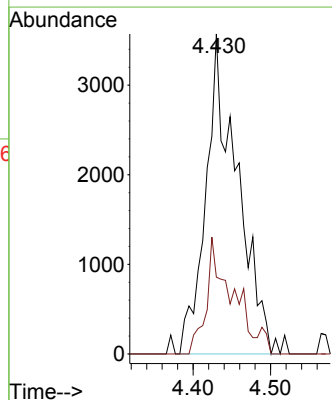
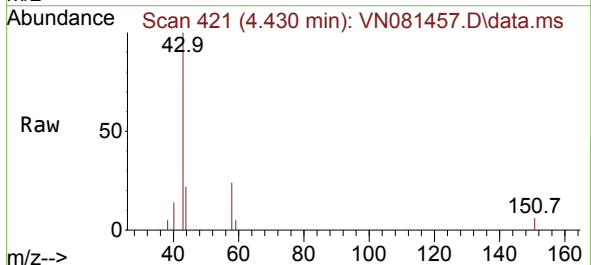
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

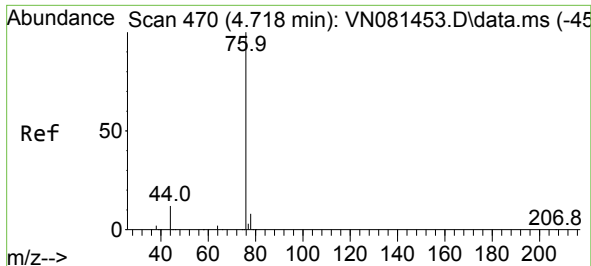
Tgt Ion: 53 Resp: 6542
Ion Ratio Lower Upper
53 100
52 156.6 64.8 97.2#
51 68.5 26.9 40.3#



#16
Acetone
Concen: 6.148 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 43 Resp: 10048
Ion Ratio Lower Upper
43 100
58 24.0 24.8 37.2#

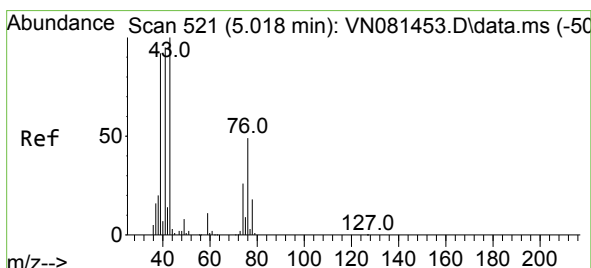
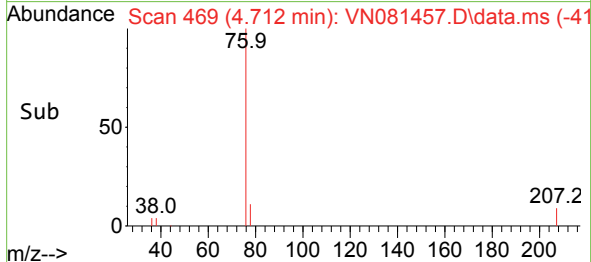
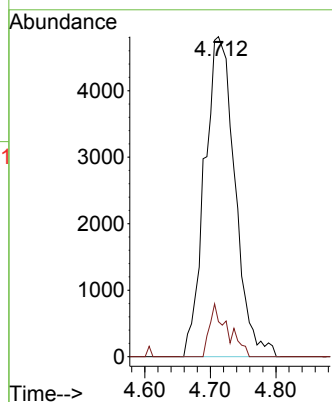
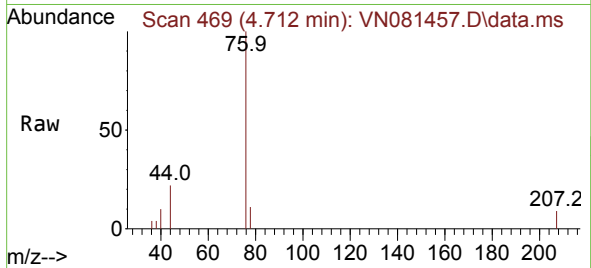




#17
Carbon Disulfide
Concen: 1.153 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

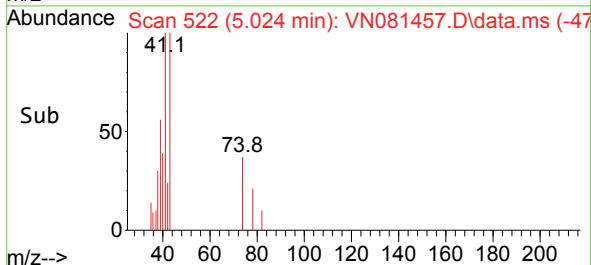
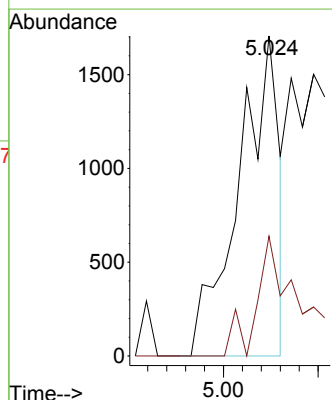
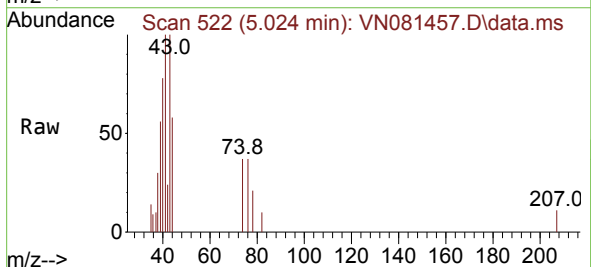
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

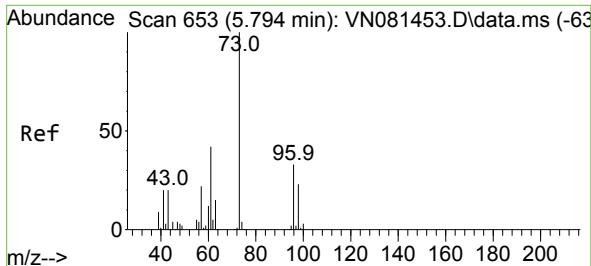
Tgt Ion: 76 Resp: 15489
Ion Ratio Lower Upper
76 100
78 11.0 6.3 9.5#



#18
Methyl Acetate
Concen: 0.503 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 43 Resp: 2535
Ion Ratio Lower Upper
43 100
74 36.2 17.3 25.9#

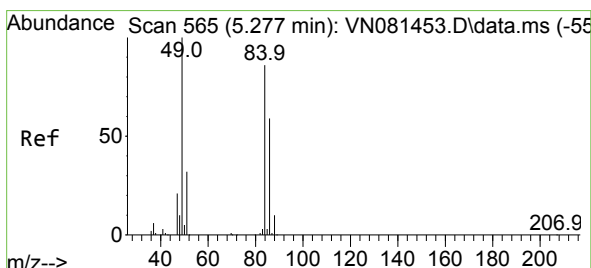
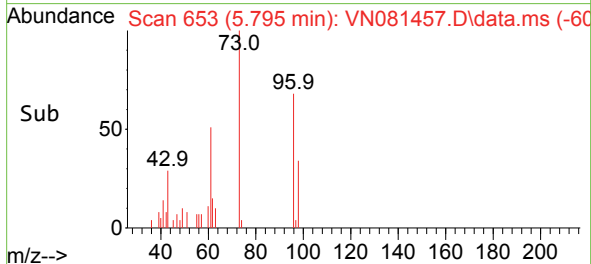
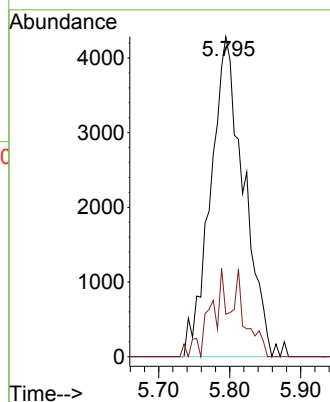
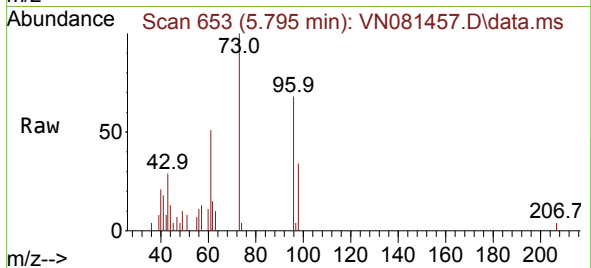




#19
Methyl tert-butyl Ether
Concen: 0.947 ug/l
RT: 5.795 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

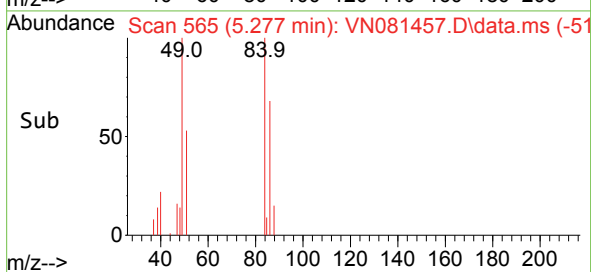
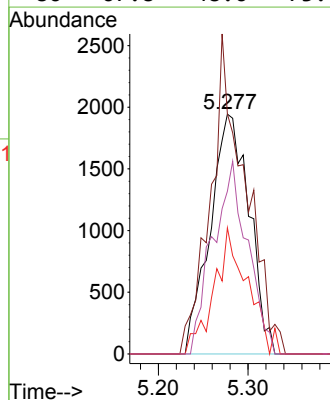
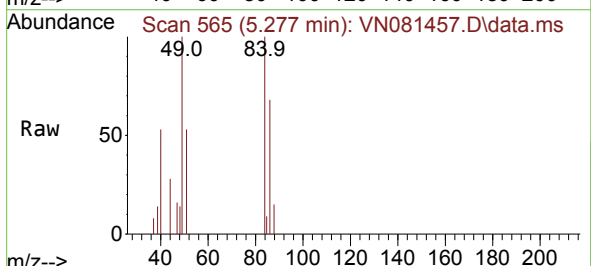
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

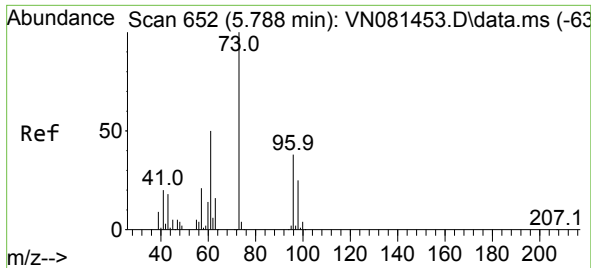
Tgt Ion: 73 Resp: 13873
Ion Ratio Lower Upper
73 100
57 13.3 18.2 27.4#



#20
Methylene Chloride
Concen: 1.096 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 84 Resp: 5870
Ion Ratio Lower Upper
84 100
49 100.1 108.1 162.1#
51 52.6 32.9 49.3#
86 67.8 48.6 73.0

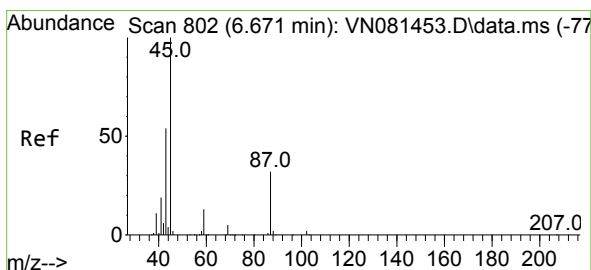
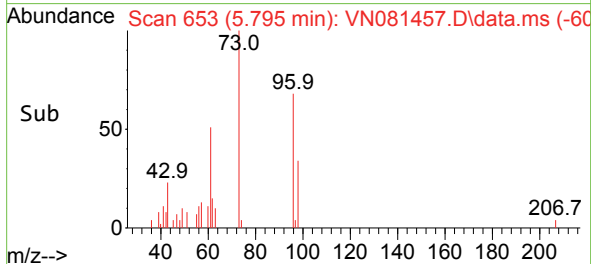
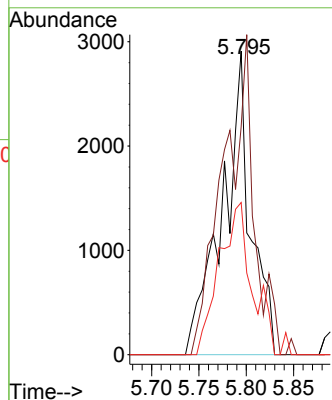
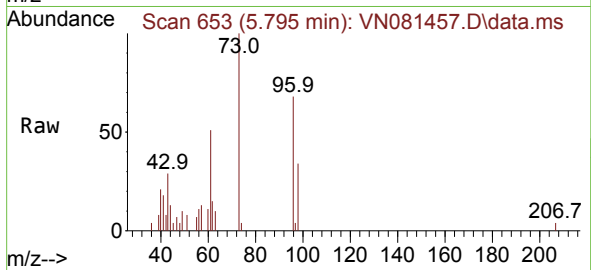




#21
trans-1,2-Dichloroethene
Concen: 1.154 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

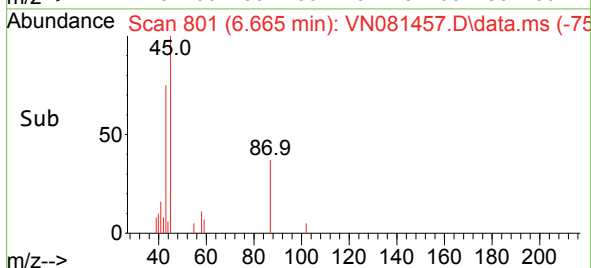
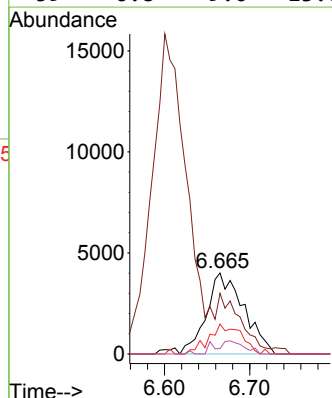
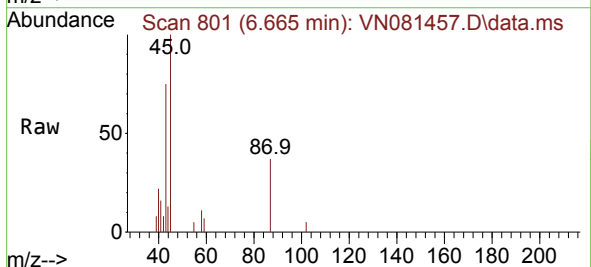
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

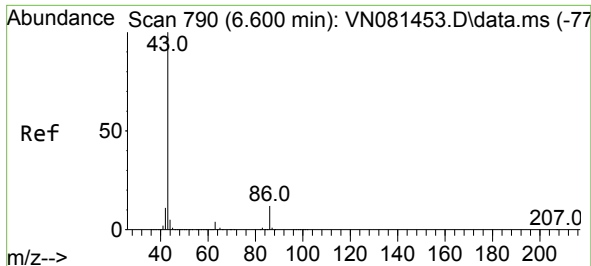
Tgt Ion: 96 Resp: 6024
Ion Ratio Lower Upper
96 100
61 75.1 112.8 169.2#
98 50.1 51.0 76.4#



#22
Diisopropyl ether
Concen: 0.889 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 45 Resp: 12121
Ion Ratio Lower Upper
45 100
43 68.0 41.8 62.8#
87 37.0 18.1 27.1#
59 6.8 9.0 13.6#

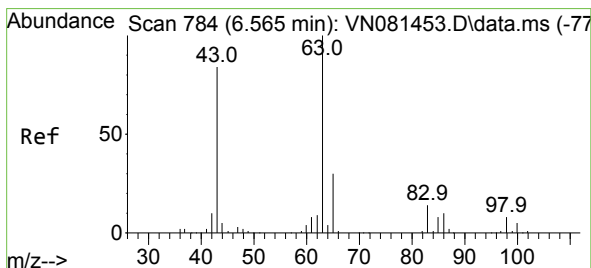
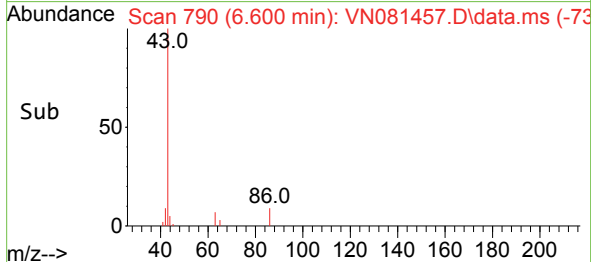
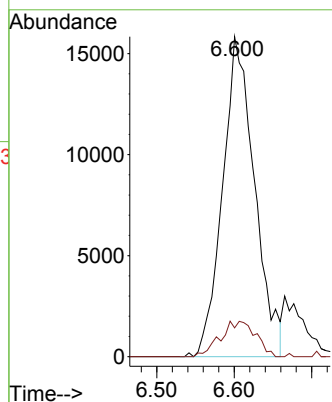
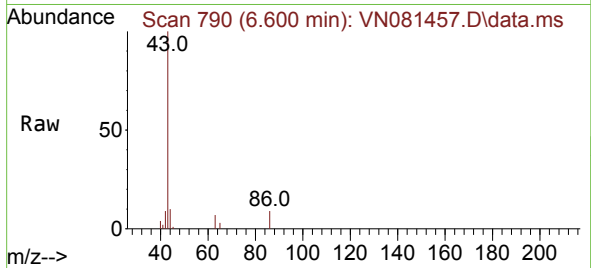




#23
 Vinyl Acetate
 Concen: 4.185 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

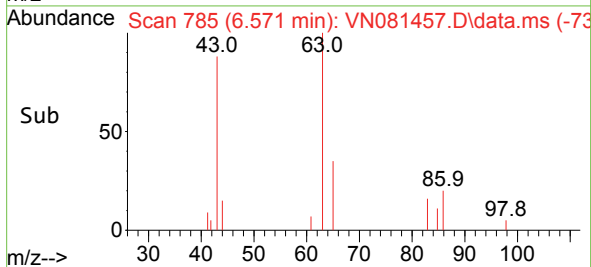
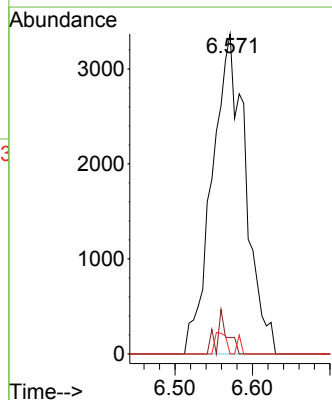
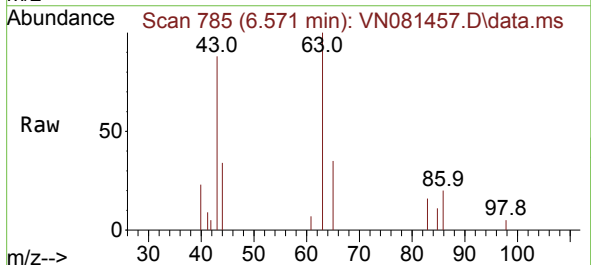
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

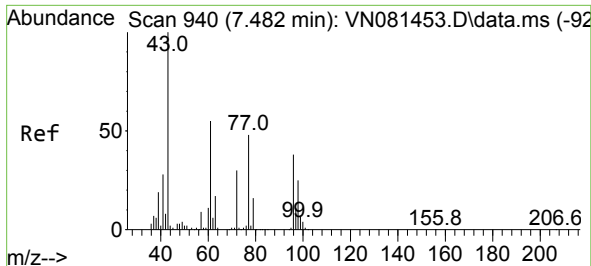
Tgt Ion: 43 Resp: 45398
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 1.107 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

Tgt Ion: 63 Resp: 10107
 Ion Ratio Lower Upper
 63 100
 98 5.1 2.9 8.6
 100 0.0 1.9 5.7#

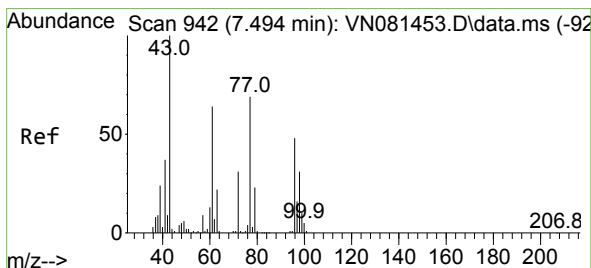
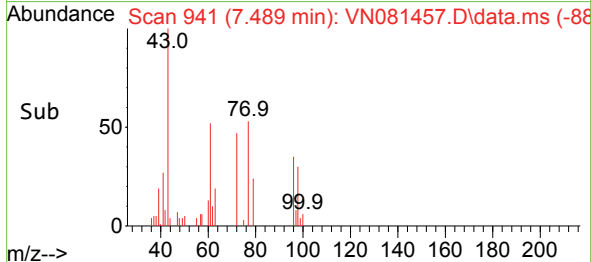
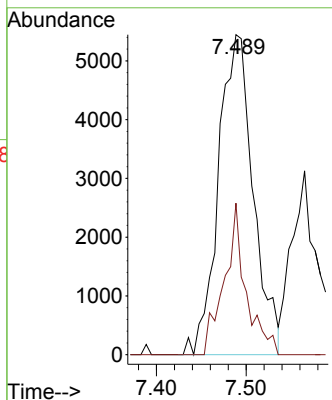
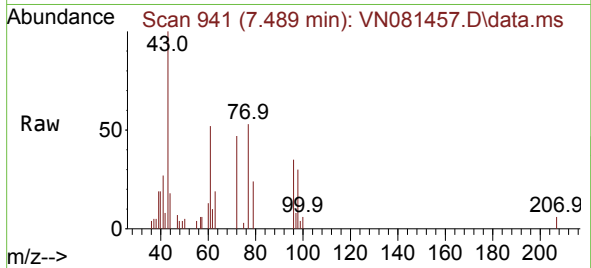




#25
2-Butanone
Concen: 5.217 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

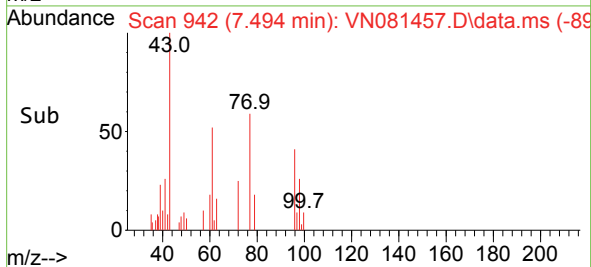
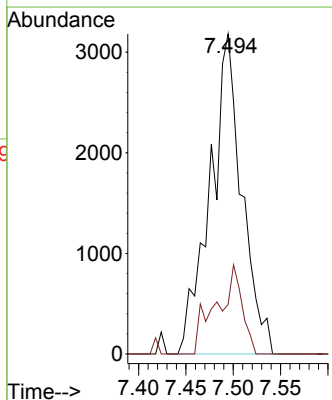
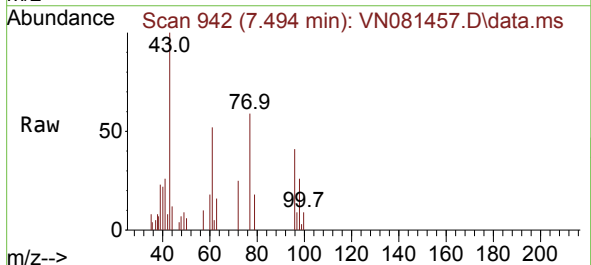
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

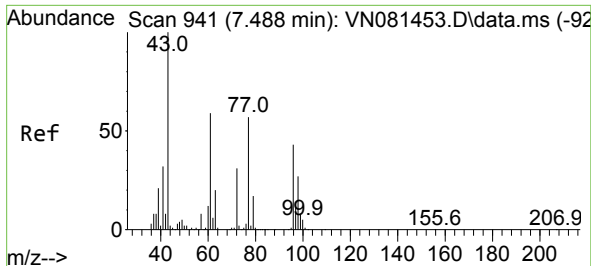
Tgt Ion: 43 Resp: 14625
Ion Ratio Lower Upper
43 100
72 47.4 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 0.937 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 77 Resp: 7419
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5



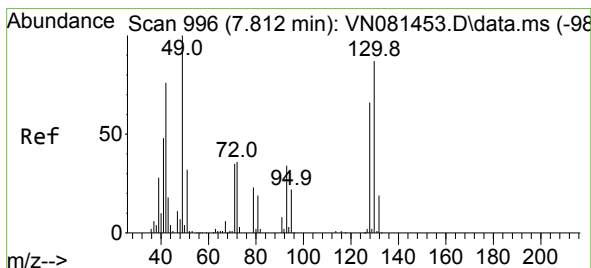
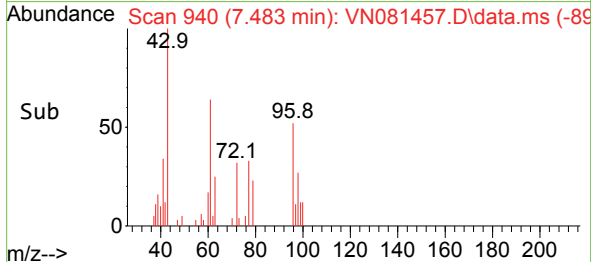
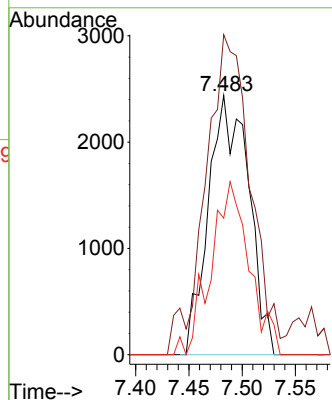
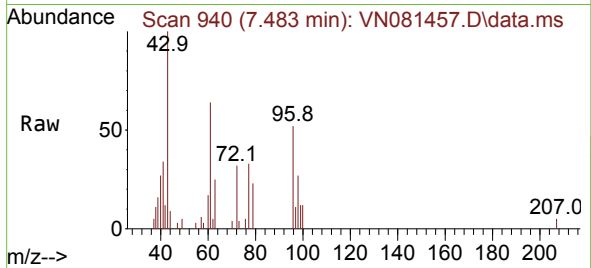


#27
 cis-1,2-Dichloroethene
 Concen: 1.088 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96 Resp: 6423

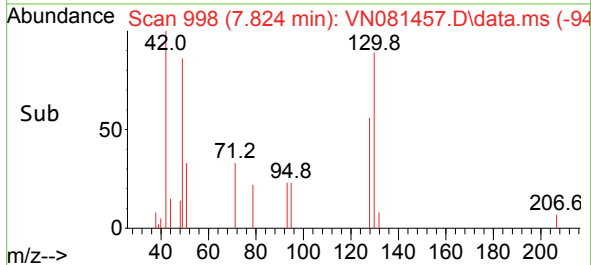
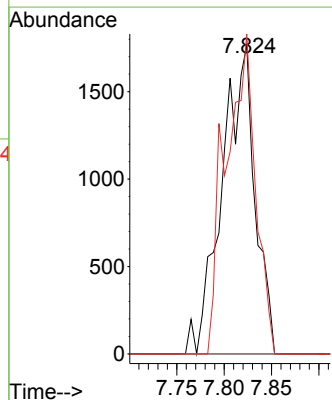
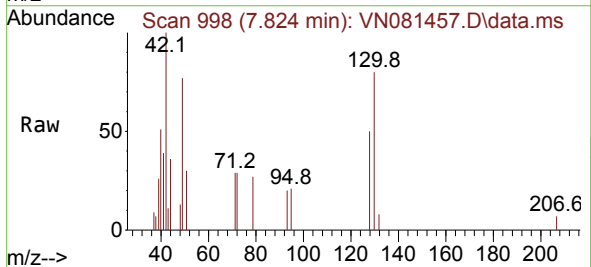
Ion	Ratio	Lower	Upper
96	100		
61	137.8	0.0	325.4
98	63.8	0.0	130.4

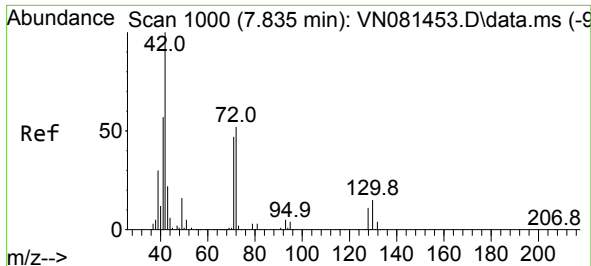


#28
 Bromochloromethane
 Concen: 1.152 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.012 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

Tgt Ion: 49 Resp: 4283

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	1.6
130	93.2	42.3	63.5





#29

Tetrahydrofuran

Concen: 4.963 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

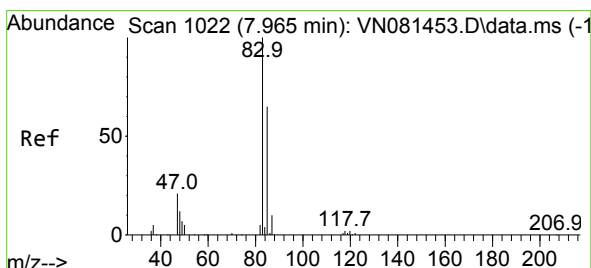
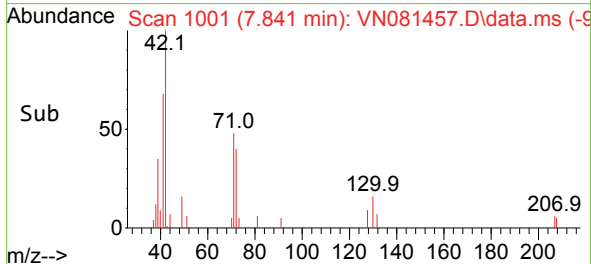
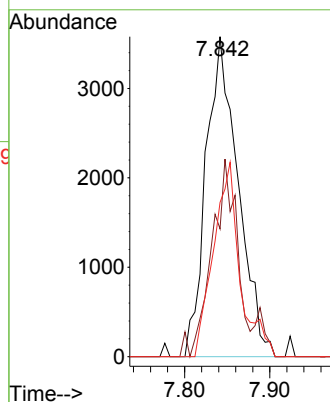
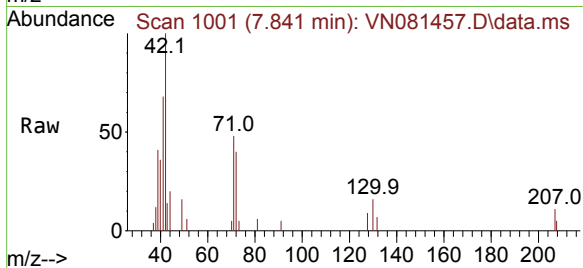
Tgt Ion: 42 Resp: 9373

Ion Ratio Lower Upper

42 100

72 48.7 31.1 46.7#

71 50.1 28.3 42.5#



#30

Chloroform

Concen: 1.023 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.012 min

Lab File: VN081457.D

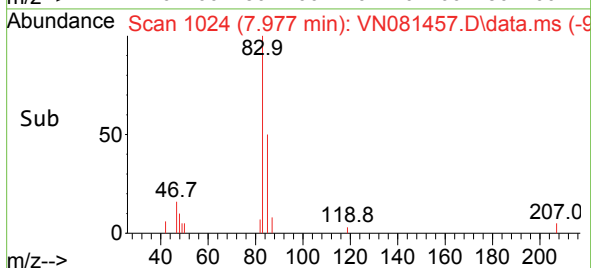
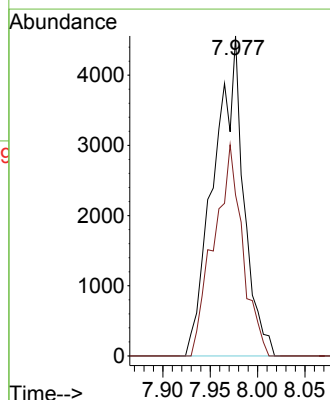
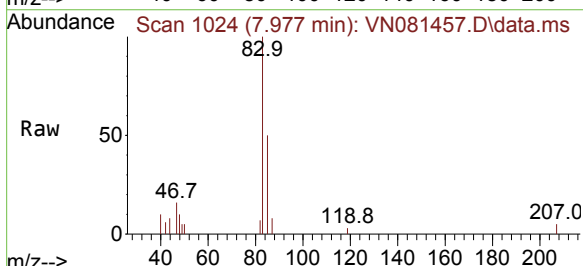
Acq: 18 Mar 2024 18:02

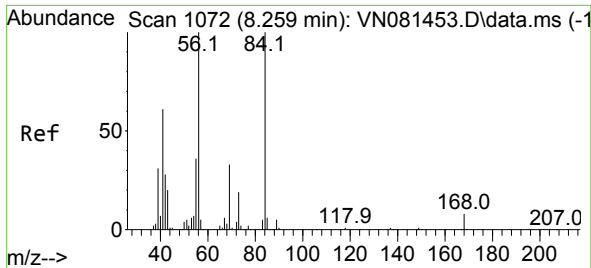
Tgt Ion: 83 Resp: 9992

Ion Ratio Lower Upper

83 100

85 50.3 51.0 76.6#

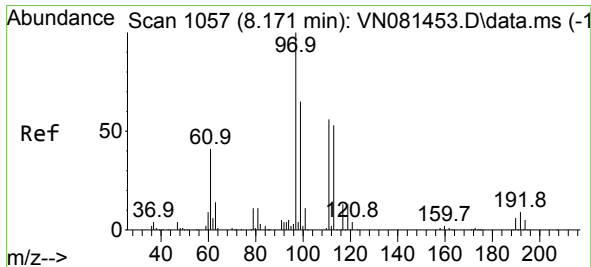
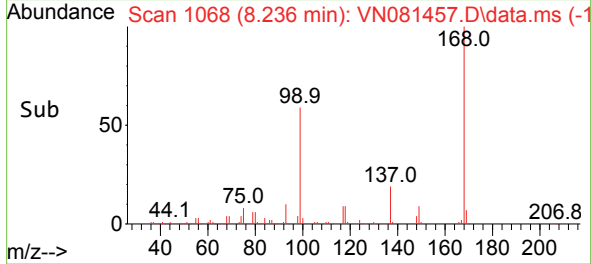
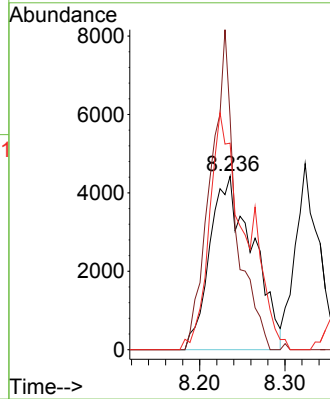
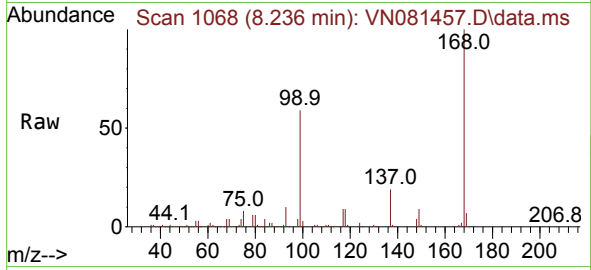




#31
Cyclohexane
Concen: 1.886 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.023 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

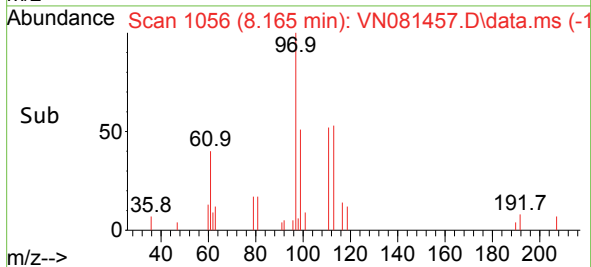
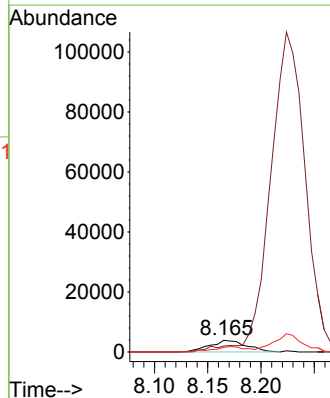
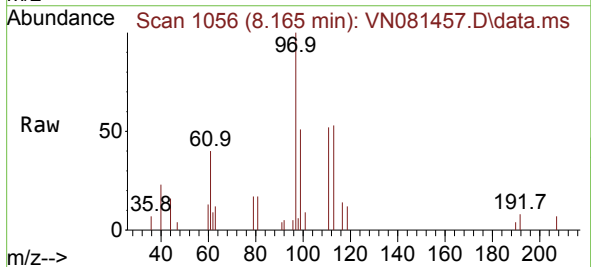
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

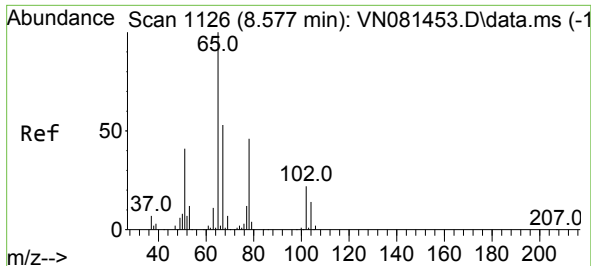
Tgt Ion: 56 Resp: 15524
Ion Ratio Lower Upper
56 100
69 133.6 20.1 30.1#
84 119.1 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 1.047 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 97 Resp: 9283
Ion Ratio Lower Upper
97 100
99 0.0 53.4 80.0#
61 41.1 43.8 65.8#





#33

1,2-Dichloroethane-d4

Concen: 1.252 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

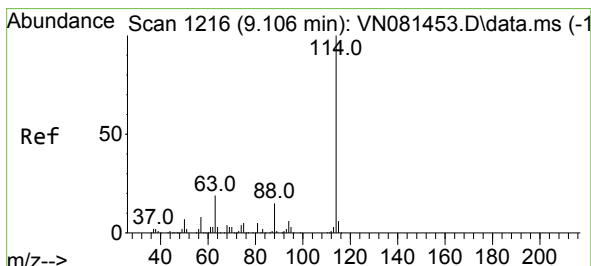
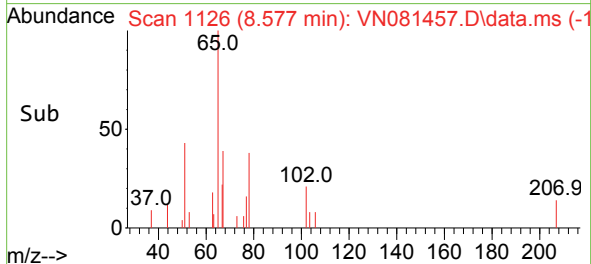
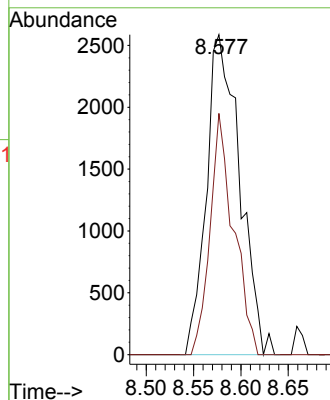
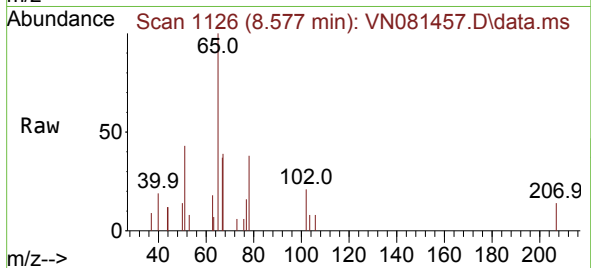
VSTDIC001

Tgt Ion: 65 Resp: 6333

Ion Ratio Lower Upper

65 100

67 53.3 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: VN081457.D

Acq: 18 Mar 2024 18:02

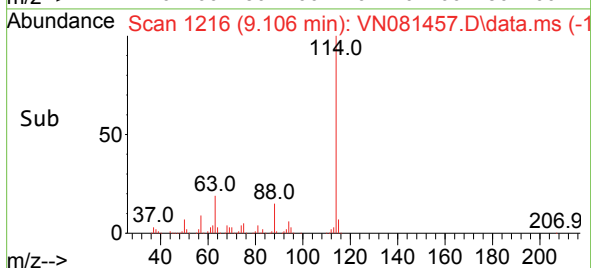
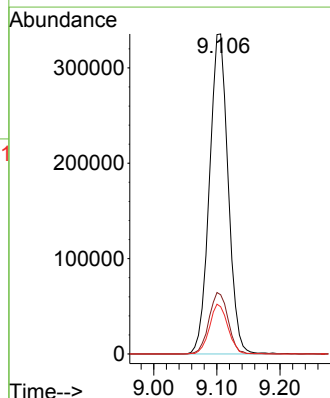
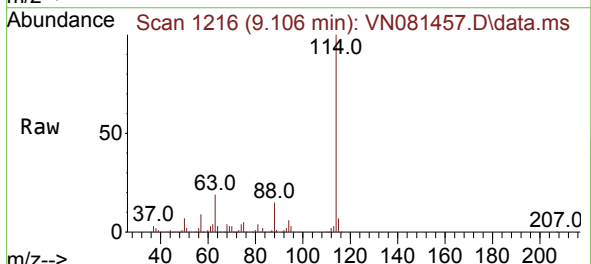
Tgt Ion: 114 Resp: 688386

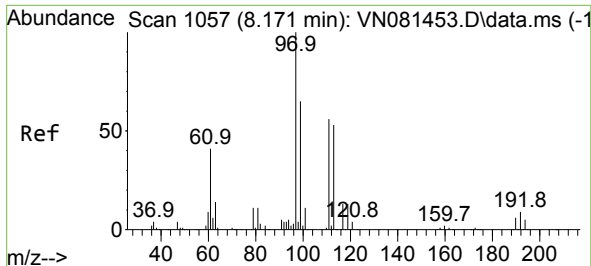
Ion Ratio Lower Upper

114 100

63 18.5 0.0 48.0

88 14.7 0.0 34.8

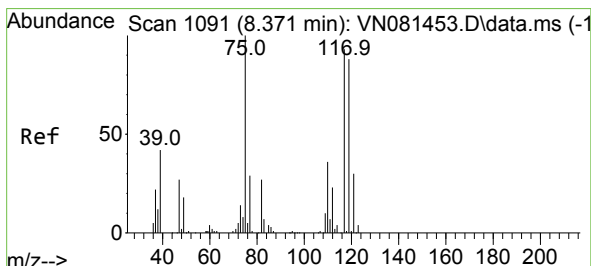
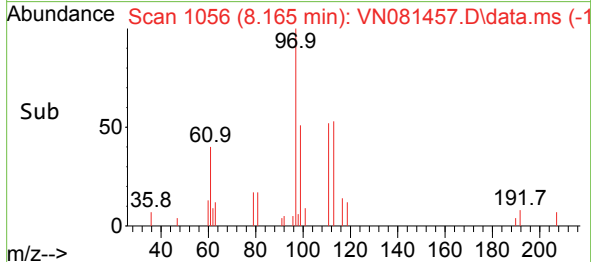
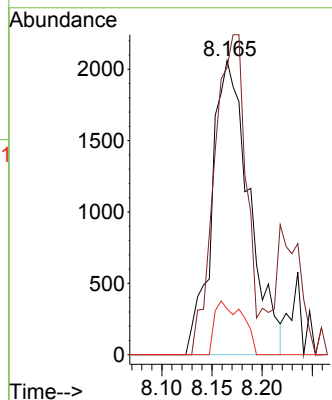
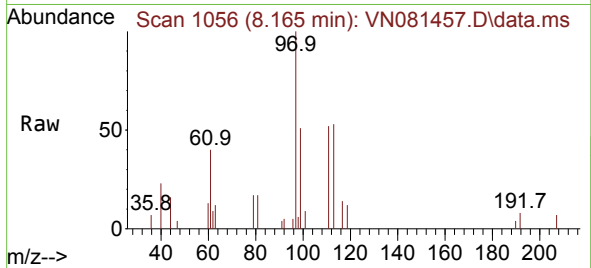




#35
 Dibromofluoromethane
 Concen: 1.230 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

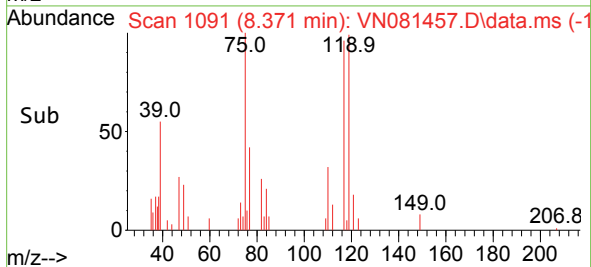
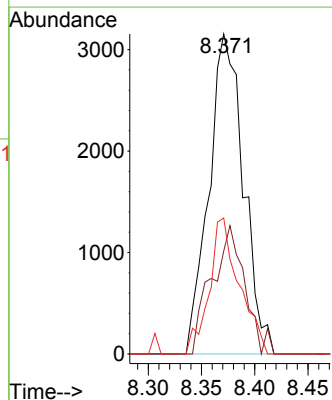
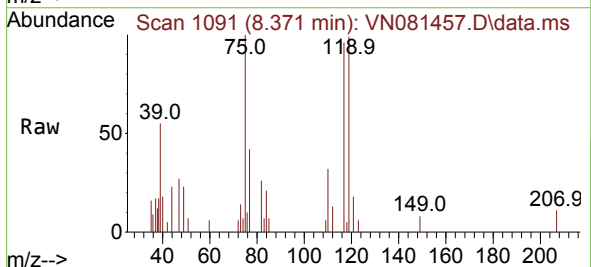
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

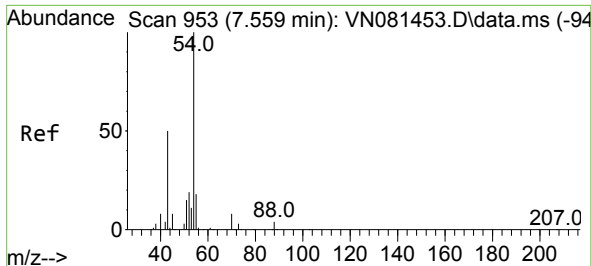
Tgt Ion:113 Resp: 5344
 Ion Ratio Lower Upper
 113 100
 111 95.5 82.2 123.4
 192 13.5 12.5 18.7



#36
 1,1-Dichloropropene
 Concen: 0.972 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

Tgt Ion: 75 Resp: 7109
 Ion Ratio Lower Upper
 75 100
 110 38.6 16.0 48.0
 77 37.0 25.8 38.6

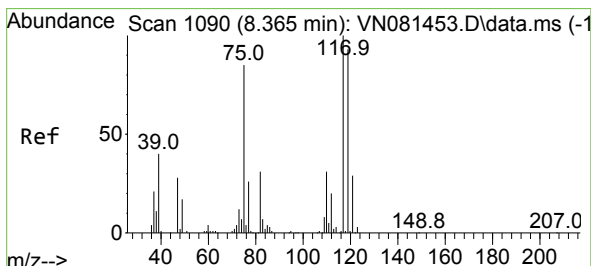
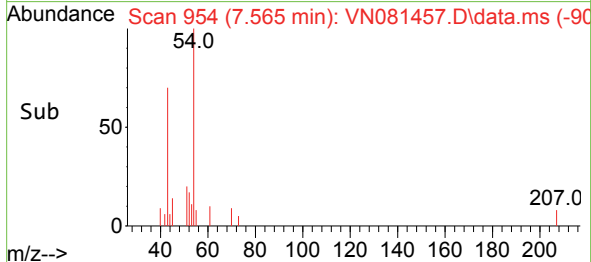
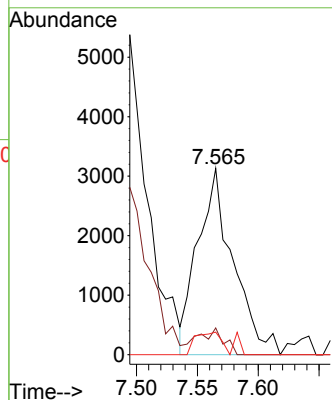
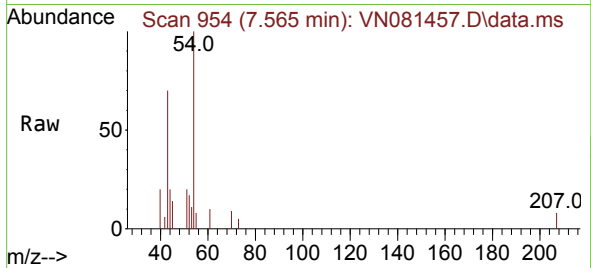




#37
Ethyl Acetate
Concen: 1.010 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

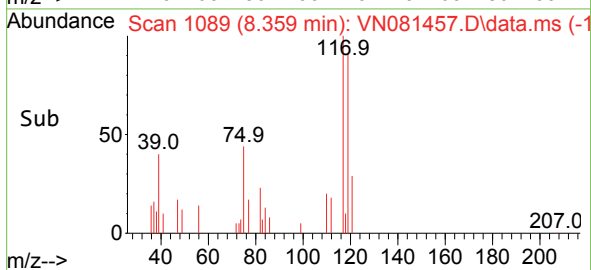
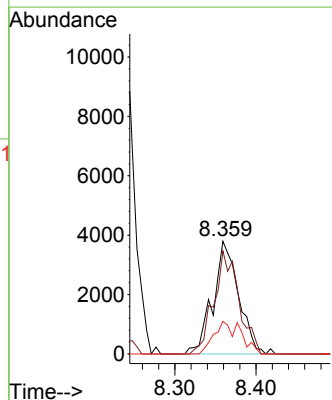
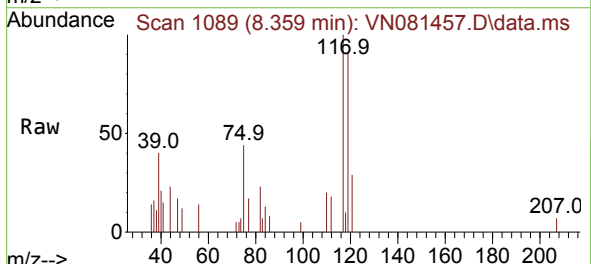
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

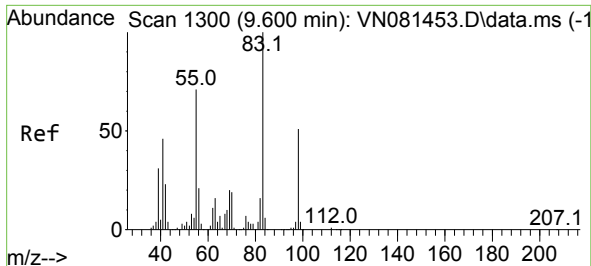
Tgt Ion: 43 Resp: 6324
Ion Ratio Lower Upper
43 100
61 10.0 10.6 15.8#
70 8.9 8.0 12.0



#38
Carbon Tetrachloride
Concen: 1.043 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 117 Resp: 8353
Ion Ratio Lower Upper
117 100
119 91.5 73.4 110.2
121 29.0 24.4 36.6





#39

Methylcyclohexane

Concen: 0.833 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

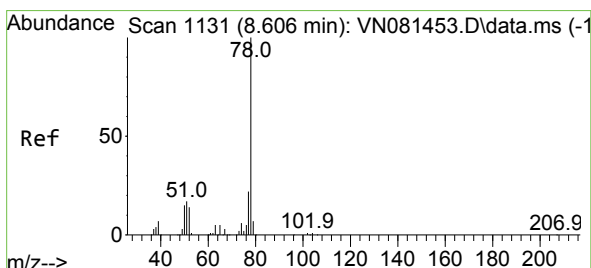
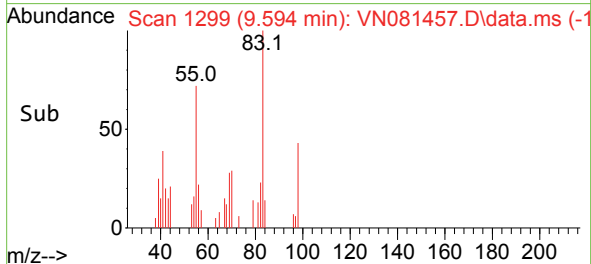
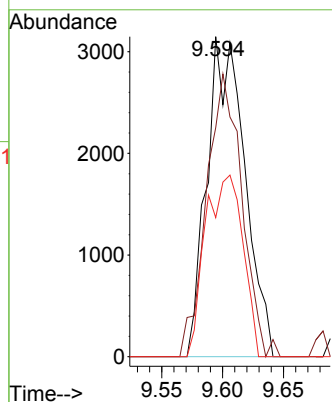
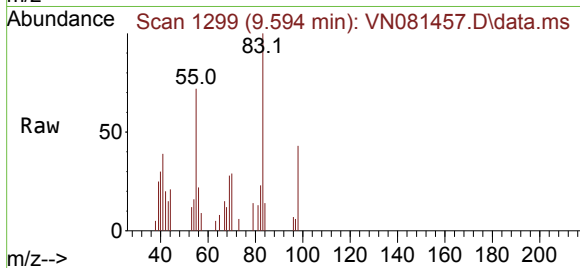
Tgt Ion: 83 Resp: 6799

Ion Ratio Lower Upper

83 100

55 71.6 65.7 98.5

98 43.5 33.8 50.6



#40

Benzene

Concen: 0.990 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN081457.D

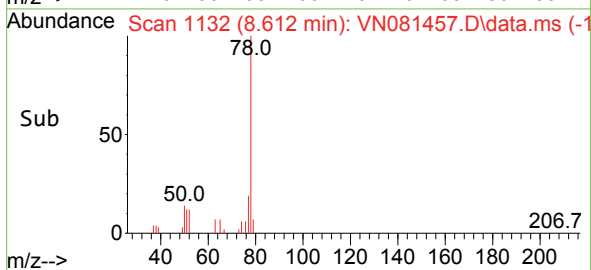
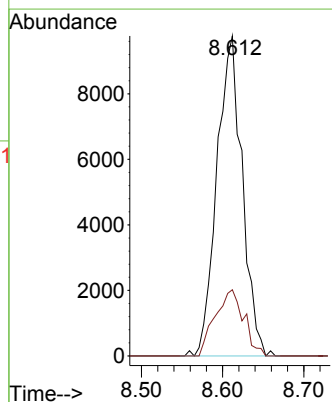
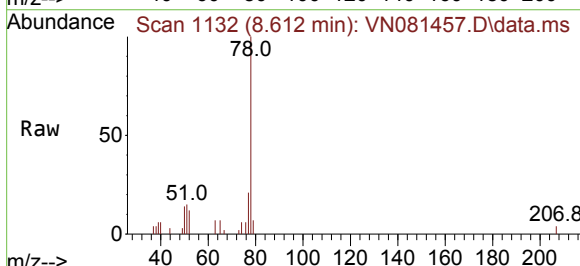
Acq: 18 Mar 2024 18:02

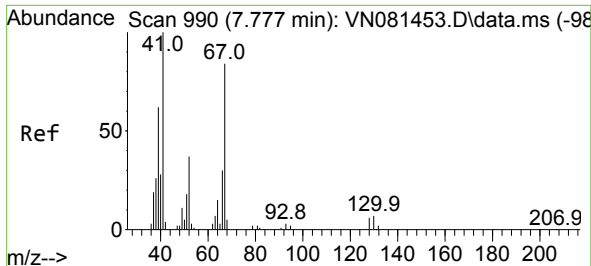
Tgt Ion: 78 Resp: 21171

Ion Ratio Lower Upper

78 100

77 20.7 20.4 30.6

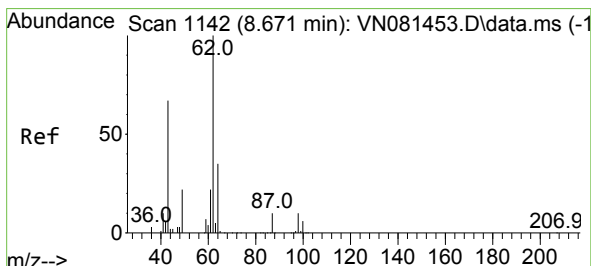
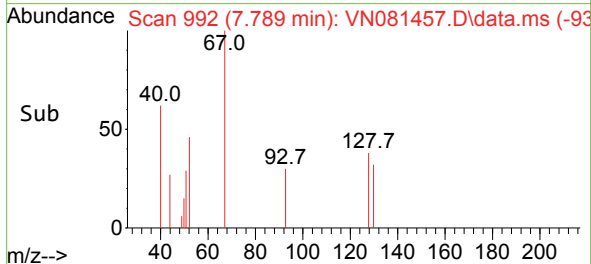
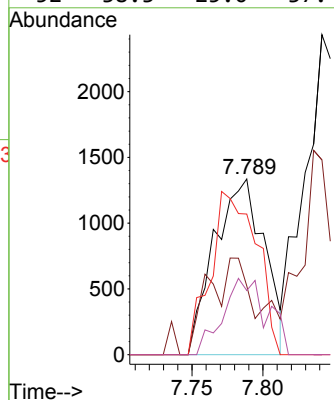
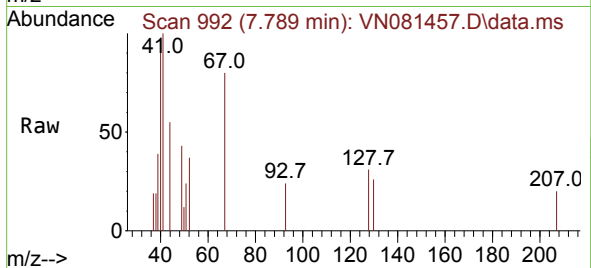




#41
Methacrylonitrile
Concen: 0.986 ug/l
RT: 7.789 min Scan# 990
Delta R.T. 0.012 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

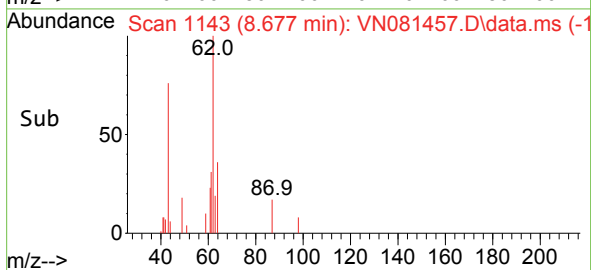
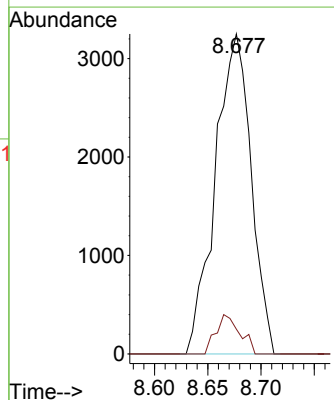
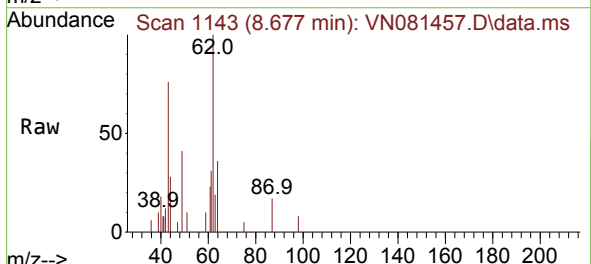
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

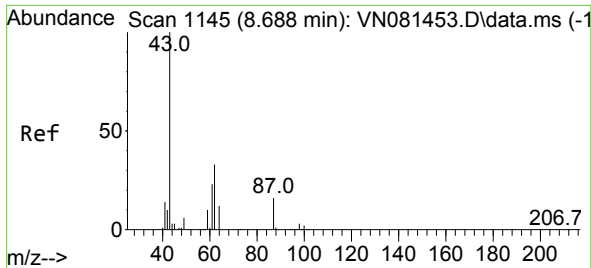
Tgt Ion:	41	Resp:	3263
Ion	Ratio	Lower	Upper
41	100		
39	47.9	48.4	72.6#
67	85.6	56.8	85.2#
52	38.3	25.0	37.4#



#42
1,2-Dichloroethane
Concen: 1.009 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion:	62	Resp:	7589
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	18.0

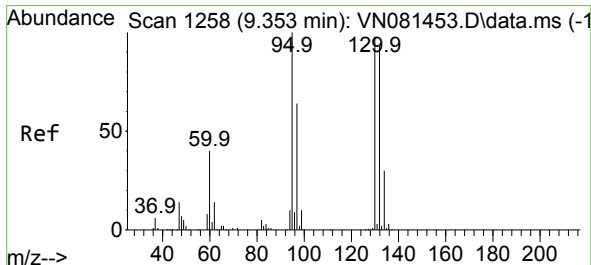
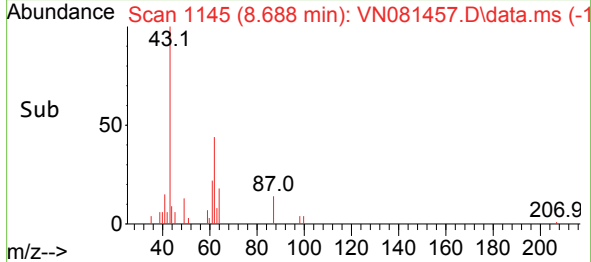
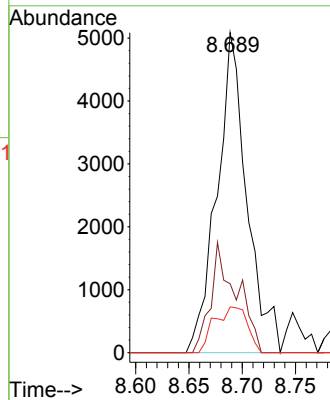
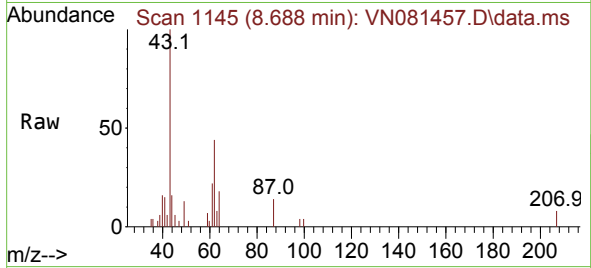




#43
Isopropyl Acetate
Concen: 0.955 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

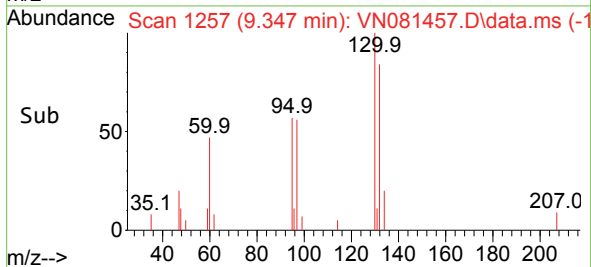
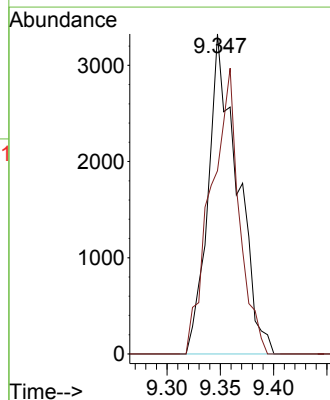
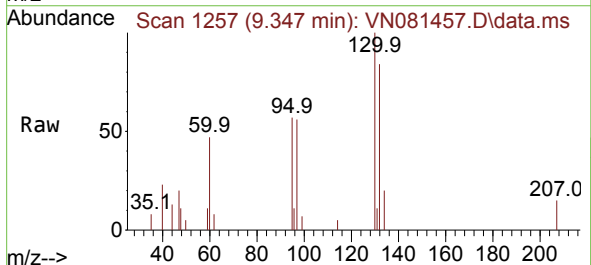
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

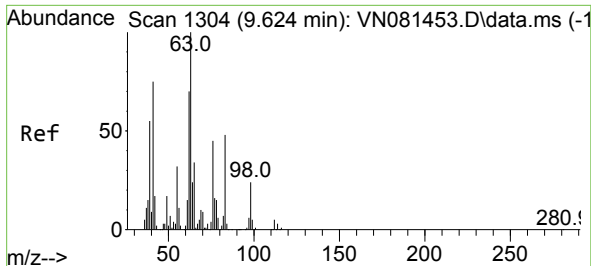
Tgt Ion:	43	Resp:	9911
Ion	Ratio	Lower	Upper
43	100		
61	30.1	19.9	29.9#
87	15.8	9.0	13.6#



#44
Trichloroethene
Concen: 1.066 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion:	130	Resp:	6408
Ion	Ratio	Lower	Upper
130	100		
95	57.2	0.0	210.4





#45

1,2-Dichloropropane

Concen: 0.927 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

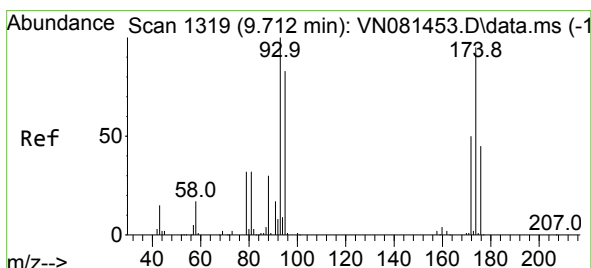
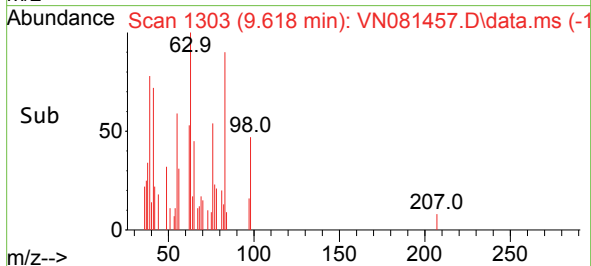
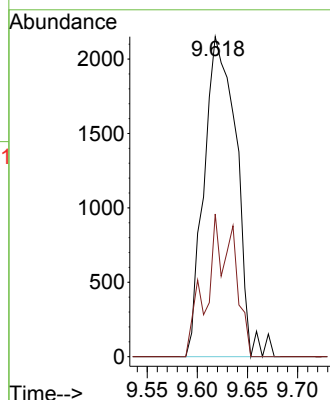
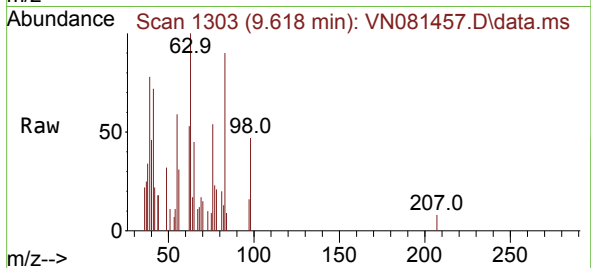
VSTDIC001

Tgt Ion: 63 Resp: 4800

Ion Ratio Lower Upper

63 100

65 44.6 26.1 39.1#



#46

Dibromomethane

Concen: 1.019 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

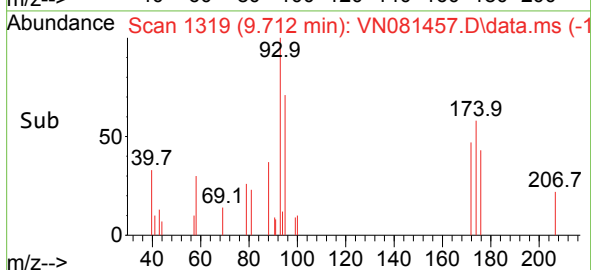
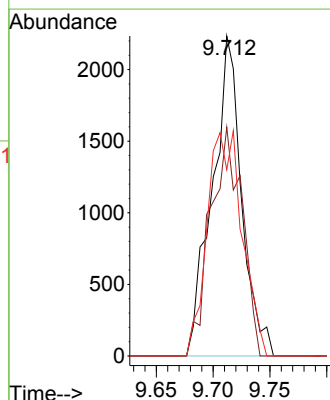
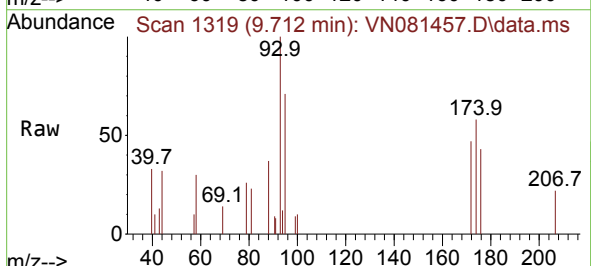
Tgt Ion: 93 Resp: 4008

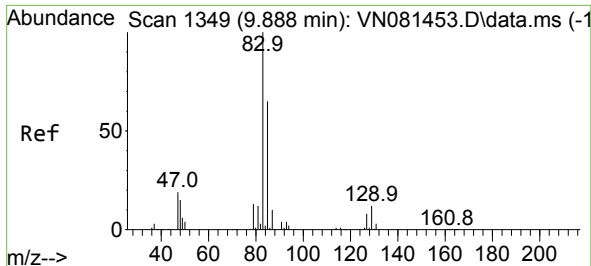
Ion Ratio Lower Upper

93 100

95 77.4 68.1 102.1

174 83.8 57.2 85.8

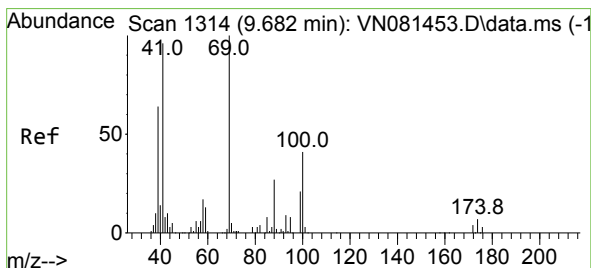
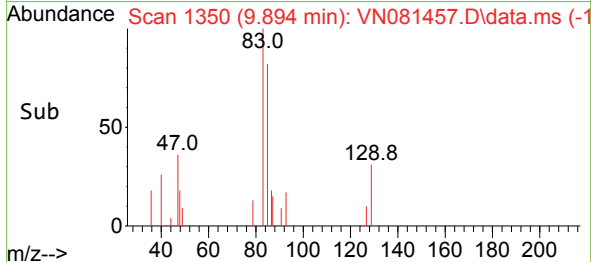
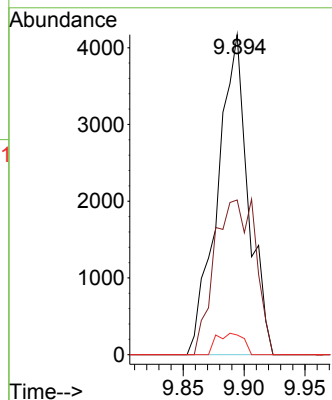
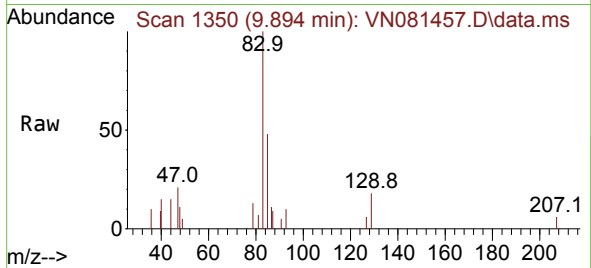




#47
Bromodichloromethane
Concen: 0.955 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

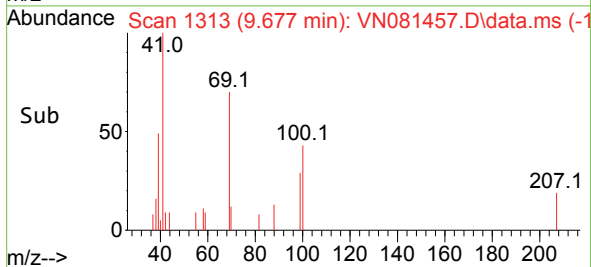
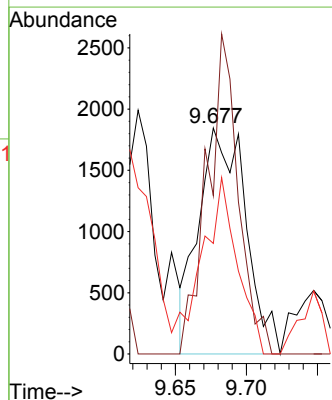
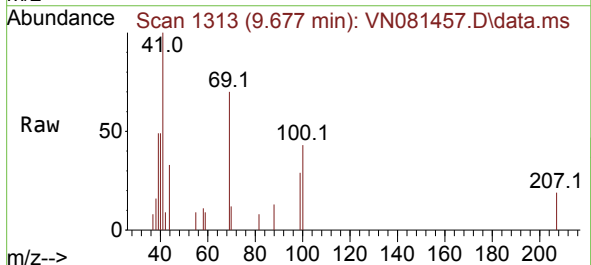
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

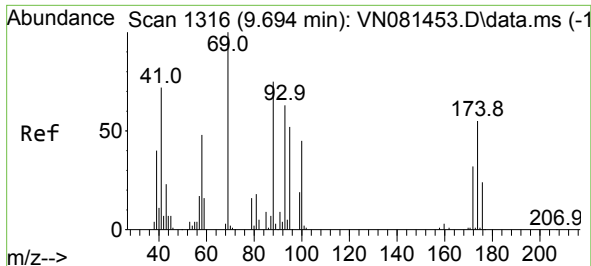
Tgt Ion: 83 Resp: 7347
Ion Ratio Lower Upper
83 100
85 48.3 52.3 78.5#
127 6.2 4.6 7.0



#48
Methyl methacrylate
Concen: 0.888 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 41 Resp: 4251
Ion Ratio Lower Upper
41 100
69 94.0 62.2 93.2#
39 58.6 47.6 71.4





#49

1,4-Dioxane

Concen: 11.293 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

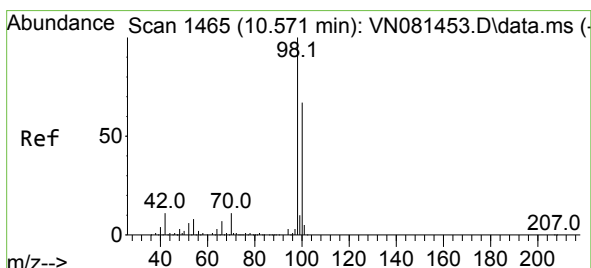
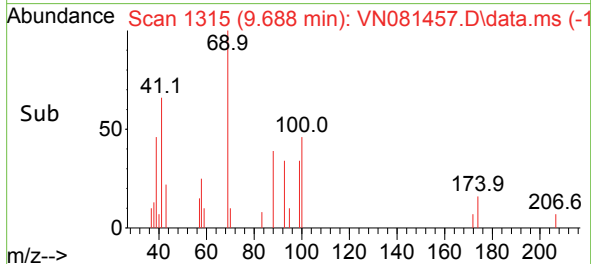
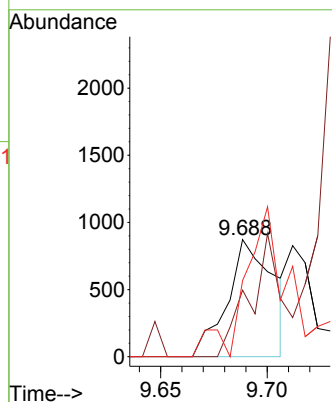
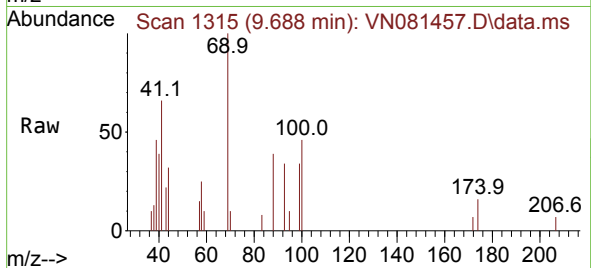
Tgt Ion: 88 Resp: 1299

Ion Ratio Lower Upper

88 100

43 72.9 30.1 45.1#

58 124.9 63.9 95.9#



#50

Toluene-d8

Concen: 0.915 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081457.D

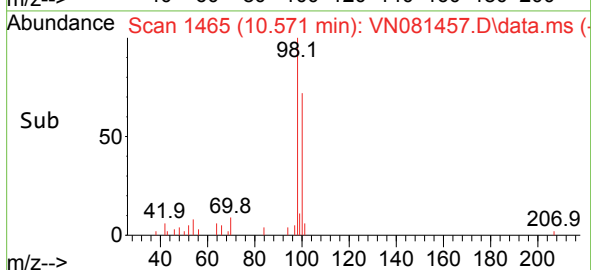
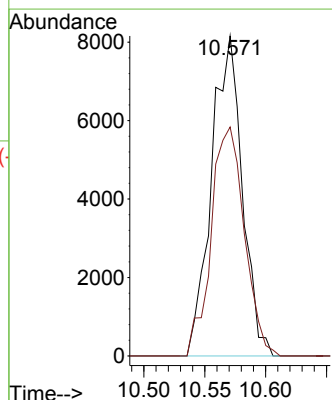
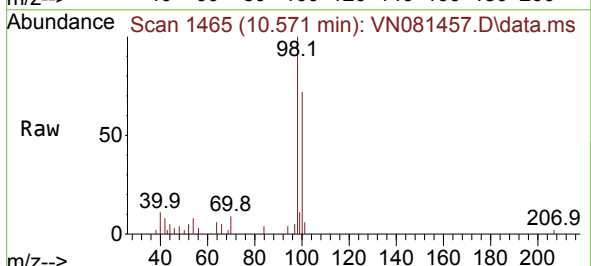
Acq: 18 Mar 2024 18:02

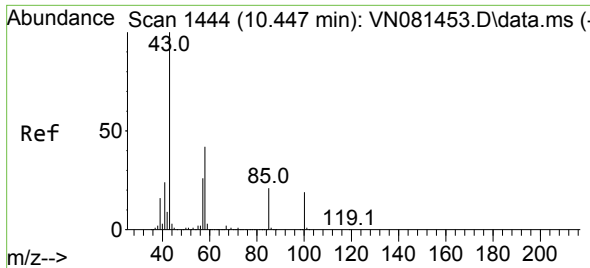
Tgt Ion: 98 Resp: 14375

Ion Ratio Lower Upper

98 100

100 77.0 51.4 77.0

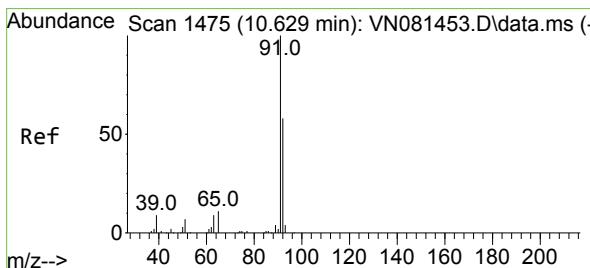
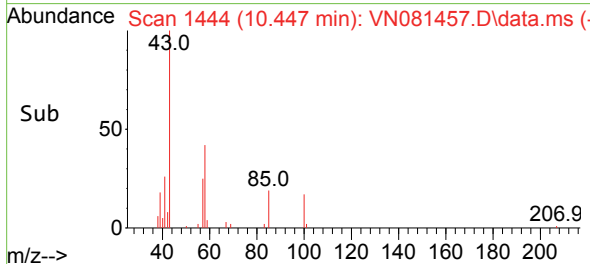
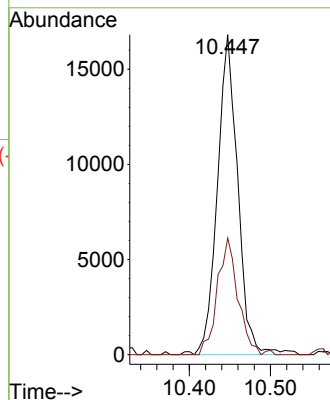
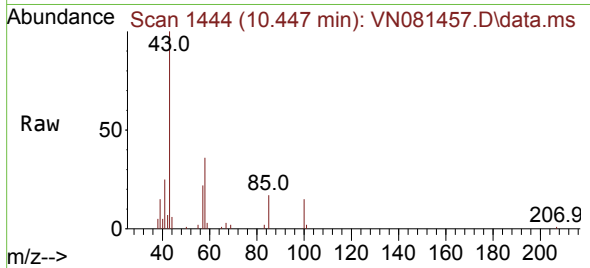




#51
4-Methyl-2-Pentanone
Concen: 4.617 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

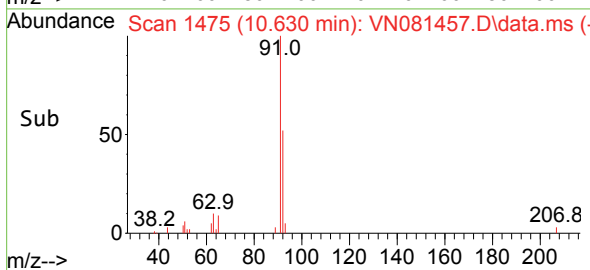
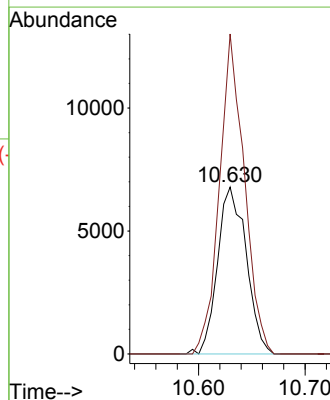
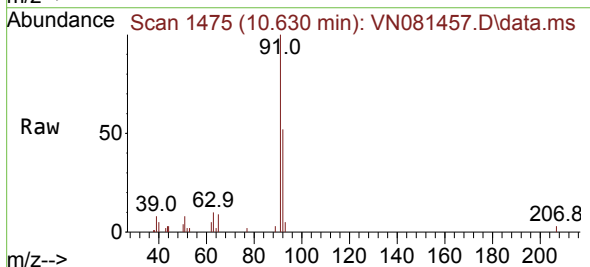
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

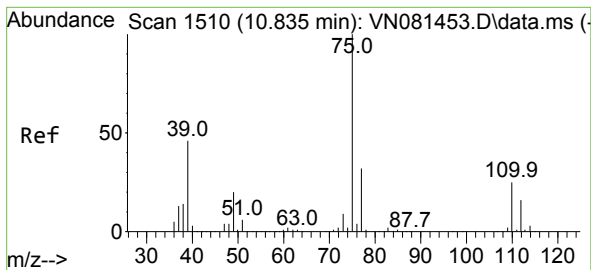
Tgt Ion: 43 Resp: 29233
Ion Ratio Lower Upper
43 100
58 37.3 29.4 44.0



#52
Toluene
Concen: 0.931 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 92 Resp: 12651
Ion Ratio Lower Upper
92 100
91 167.3 139.4 209.0

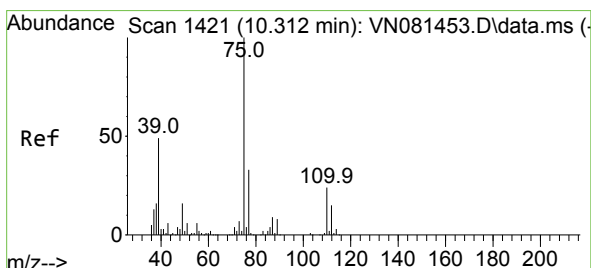
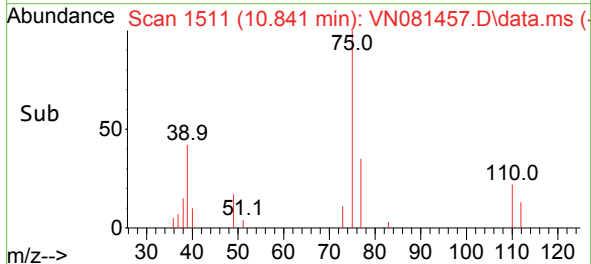
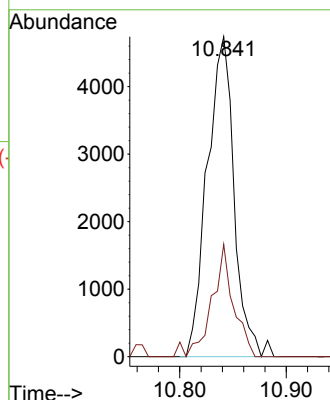
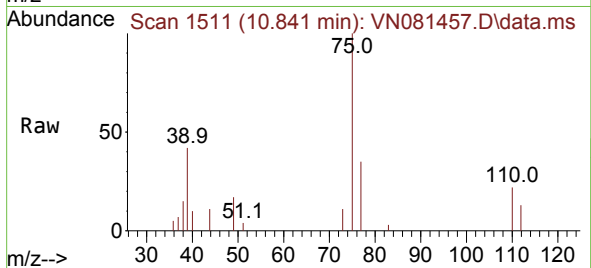




#53
t-1,3-Dichloropropene
Concen: 0.999 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

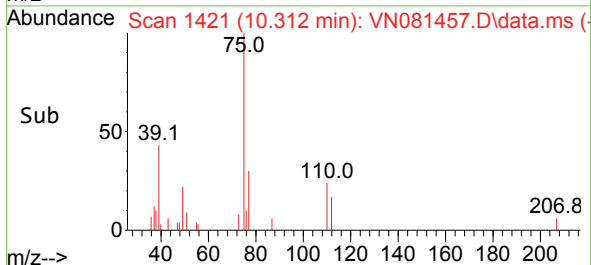
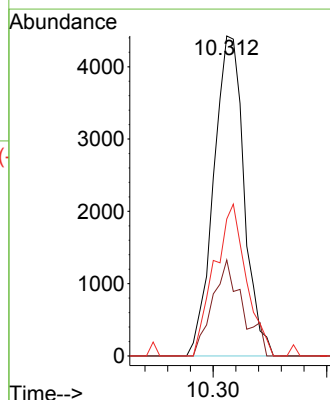
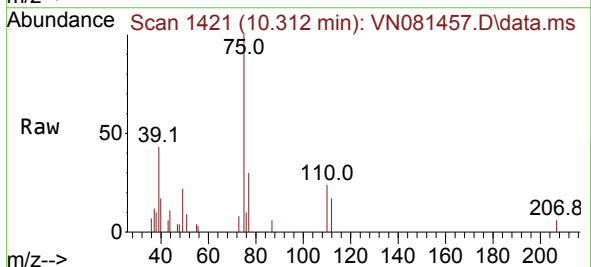
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

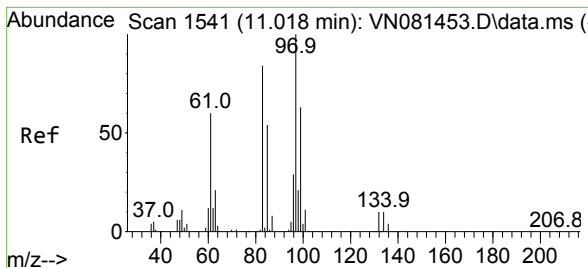
Tgt Ion: 75 Resp: 8295
Ion Ratio Lower Upper
75 100
77 35.1 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 0.925 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 75 Resp: 8238
Ion Ratio Lower Upper
75 100
77 30.0 23.3 34.9
39 42.8 44.6 66.8#





#55

1,1,2-Trichloroethane

Concen: 0.955 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.006 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 5220

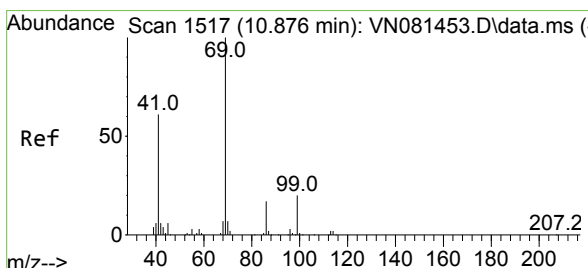
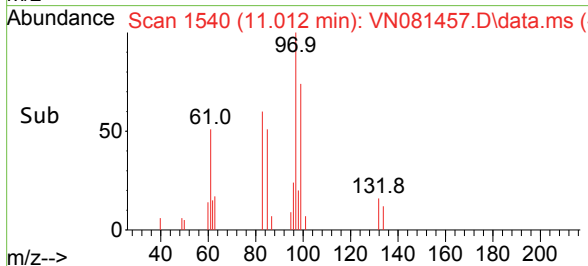
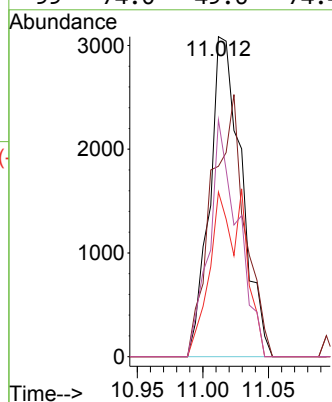
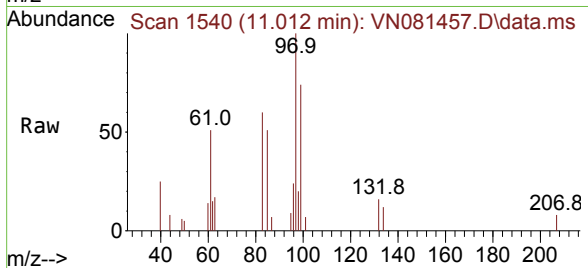
Ion Ratio Lower Upper

97 100

83 59.5 72.9 109.3#

85 51.4 50.2 75.2

99 74.0 49.6 74.4



#56

Ethyl methacrylate

Concen: 1.339 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.001 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

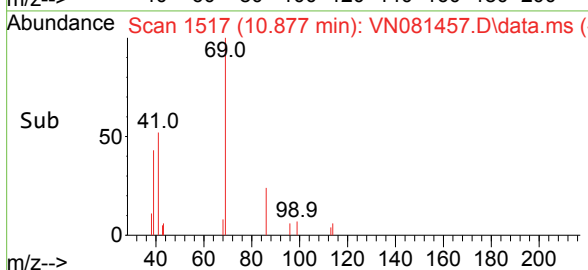
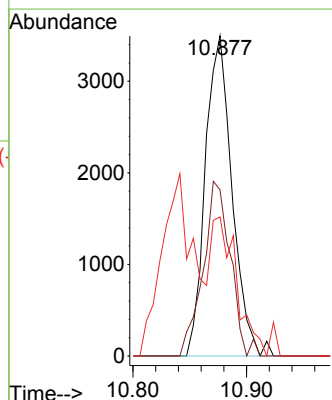
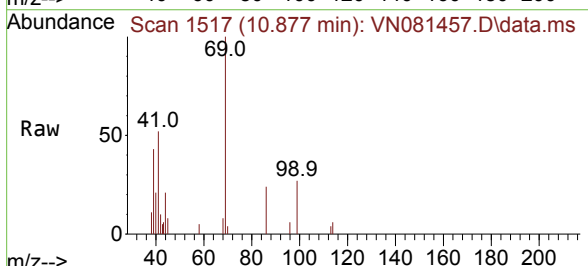
Tgt Ion: 69 Resp: 5725

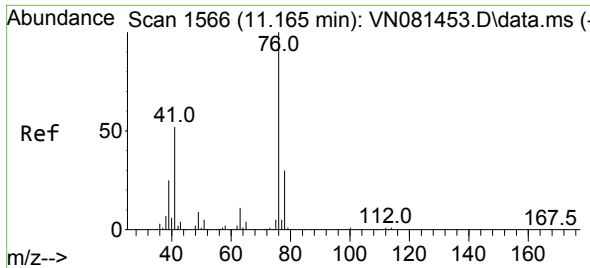
Ion Ratio Lower Upper

69 100

41 55.4 61.0 91.6#

39 41.1 31.8 47.6

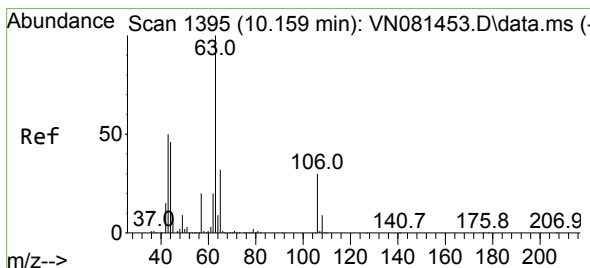
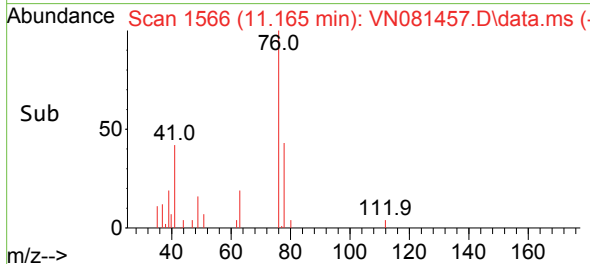
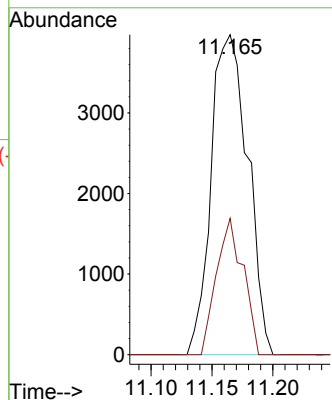
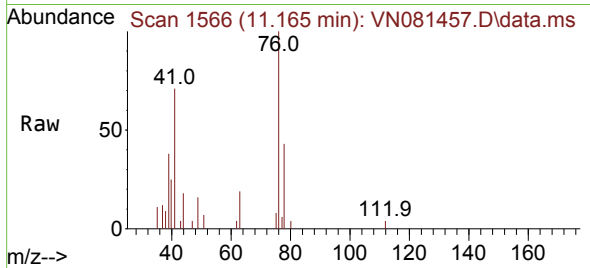




#57
1,3-Dichloropropane
Concen: 0.927 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

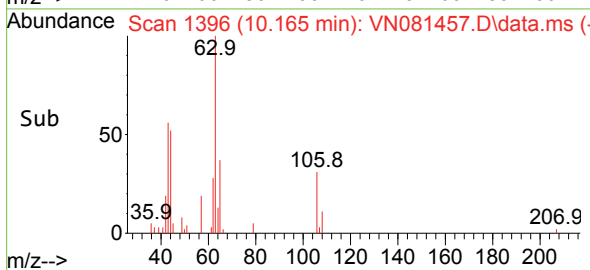
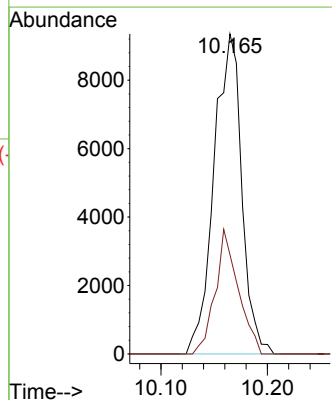
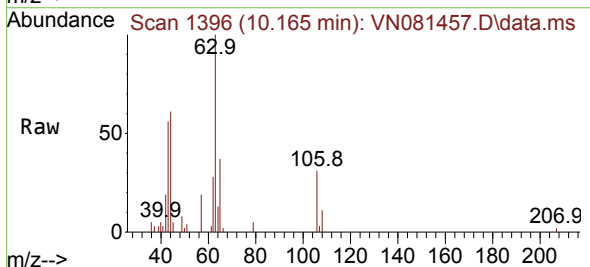
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

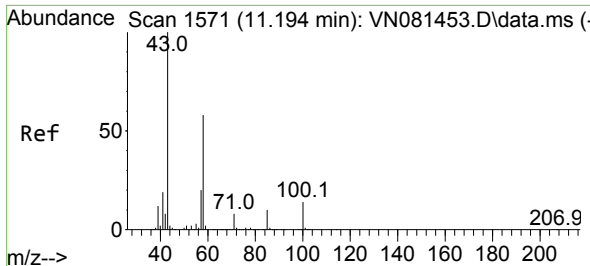
Tgt Ion: 76 Resp: 8308
Ion Ratio Lower Upper
76 100
78 31.0 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 4.907 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 63 Resp: 16882
Ion Ratio Lower Upper
63 100
106 32.4 18.6 28.0#

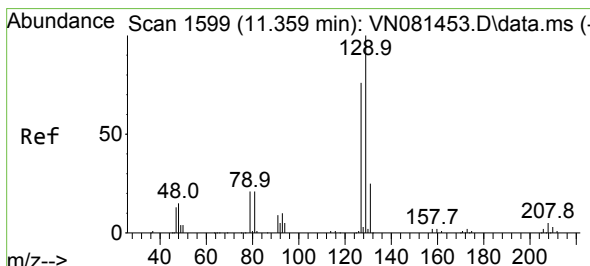
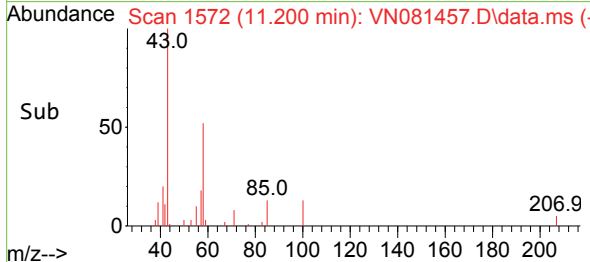
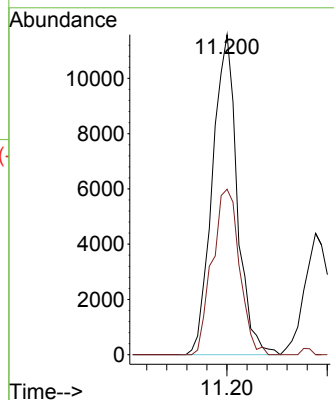
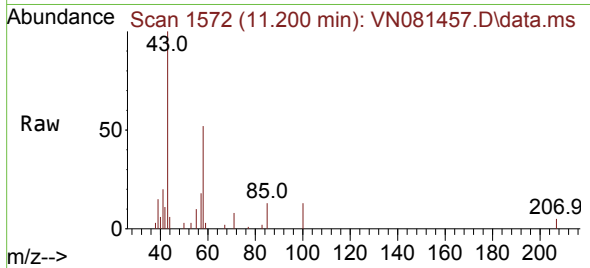




#59
2-Hexanone
Concen: 4.247 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

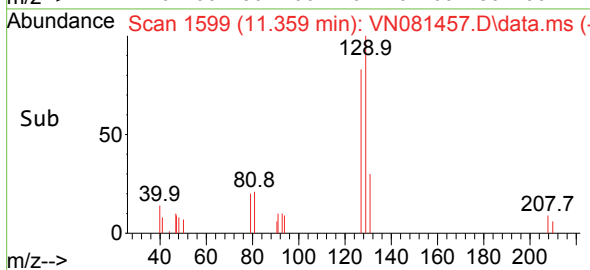
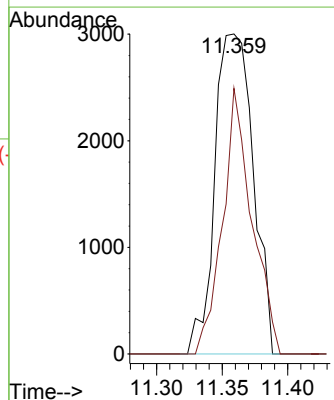
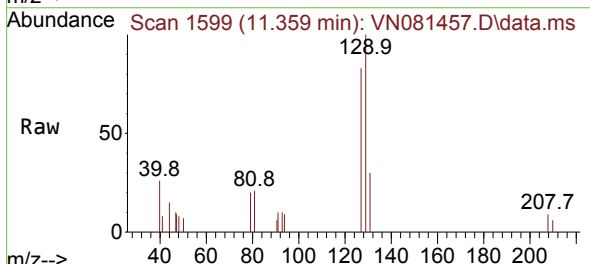
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

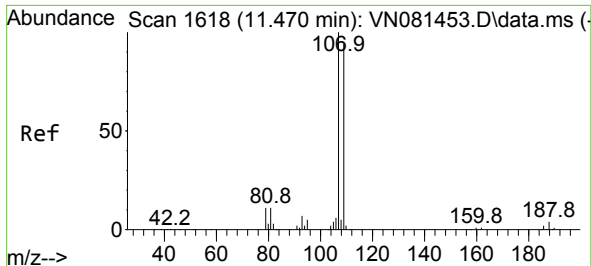
Tgt Ion: 43 Resp: 19881
Ion Ratio Lower Upper
43 100
58 56.7 25.9 77.8



#60
Dibromochloromethane
Concen: 1.018 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 129 Resp: 6123
Ion Ratio Lower Upper
129 100
127 63.4 39.4 118.2

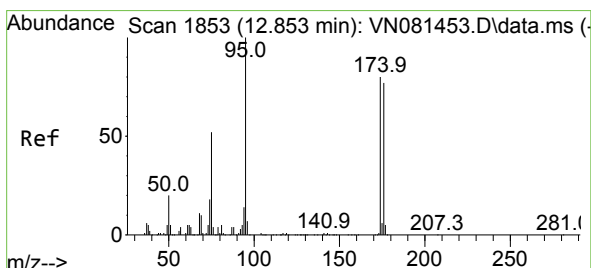
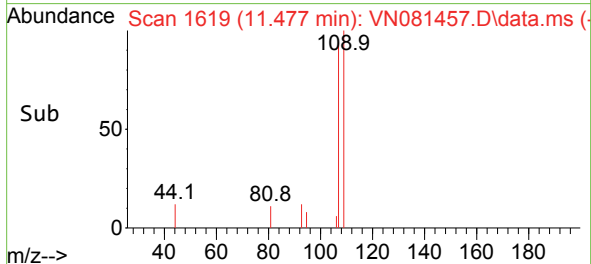
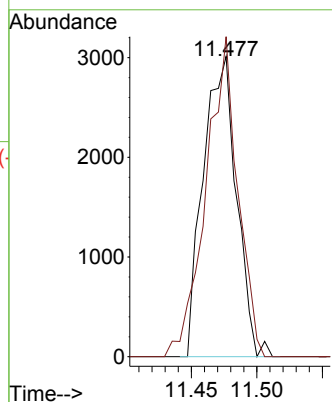
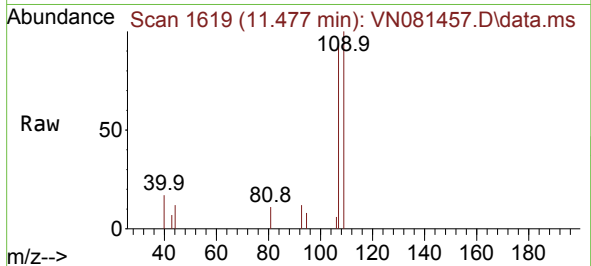




#61
1,2-Dibromoethane
Concen: 0.952 ug/l
RT: 11.477 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

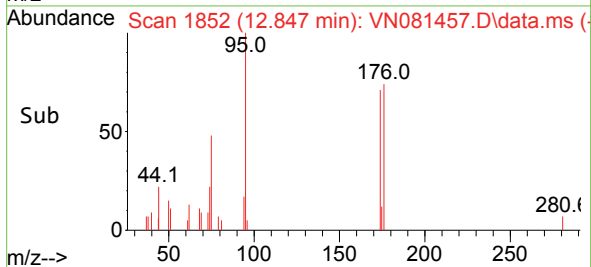
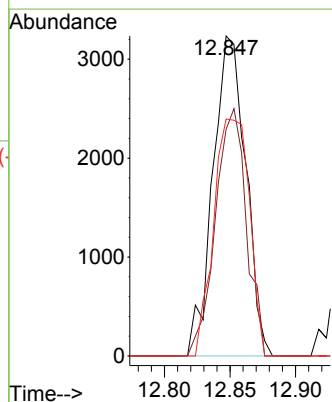
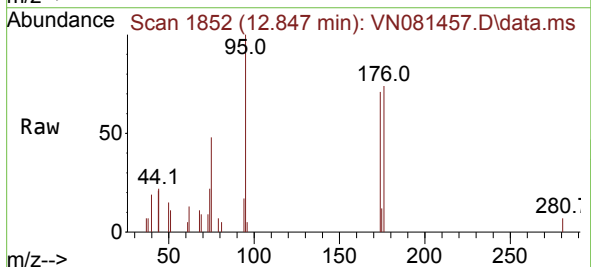
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

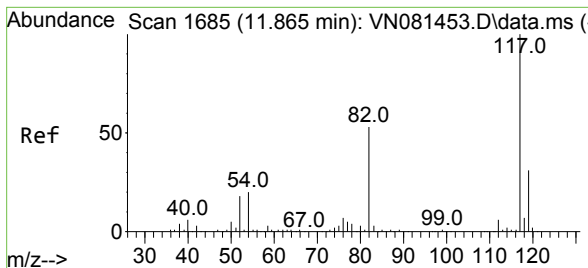
Tgt Ion:107 Resp: 5308
Ion Ratio Lower Upper
107 100
109 102.0 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 1.016 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 95 Resp: 5621
Ion Ratio Lower Upper
95 100
174 72.9 0.0 120.4
176 80.1 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

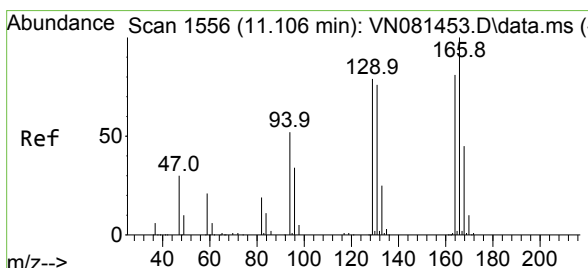
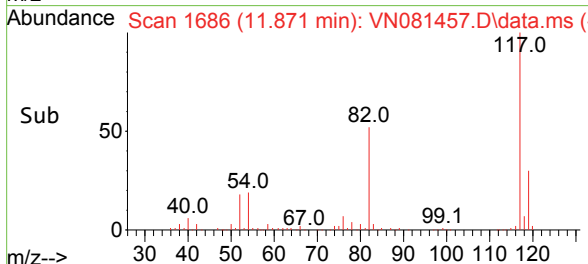
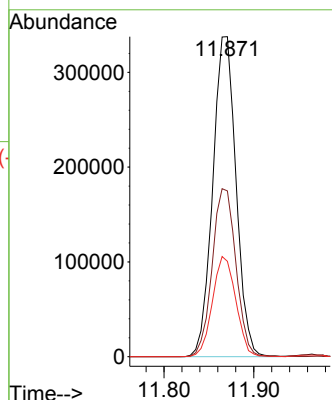
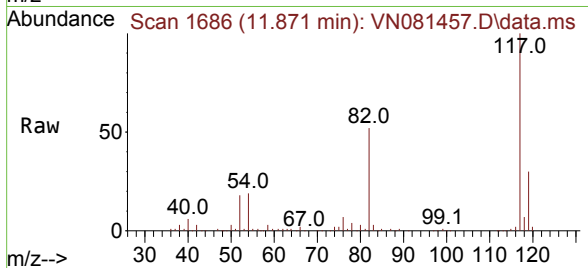
Tgt Ion:117 Resp: 609294

Ion Ratio Lower Upper

117 100

82 51.8 52.7 79.1#

119 29.8 25.3 37.9



#64

Tetrachloroethene

Concen: 1.042 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Tgt Ion:164 Resp: 6067

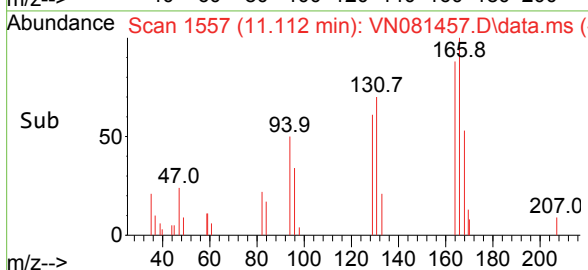
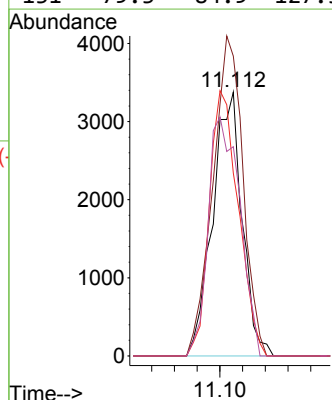
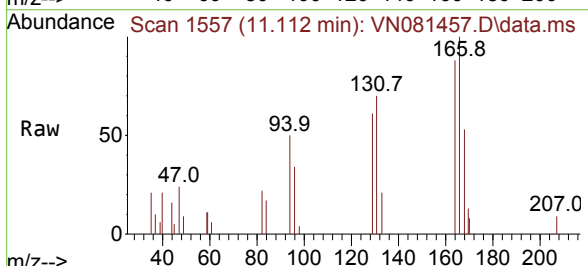
Ion Ratio Lower Upper

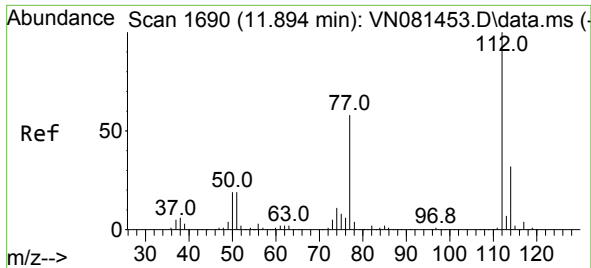
164 100

166 113.6 105.8 158.6

129 69.3 89.6 134.4#

131 79.3 84.9 127.3#

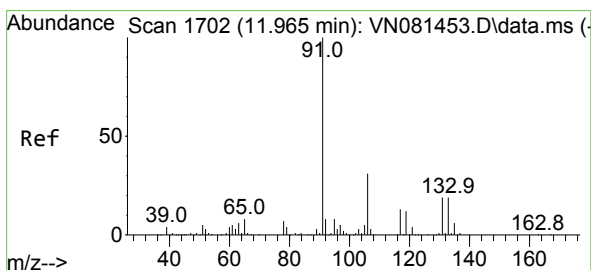
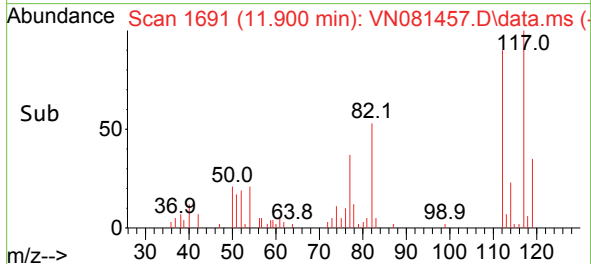
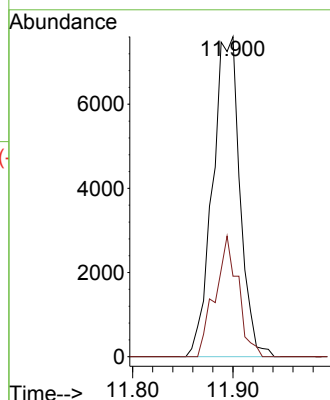
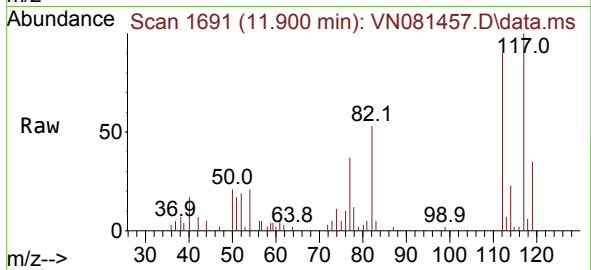




#65
Chlorobenzene
Concen: 0.996 ug/l
RT: 11.900 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

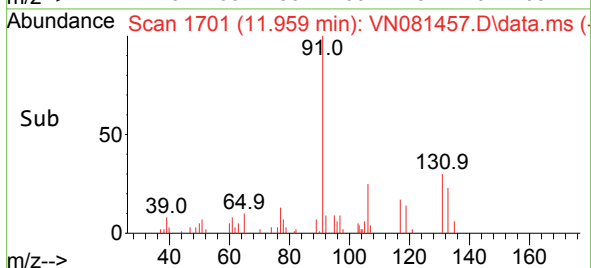
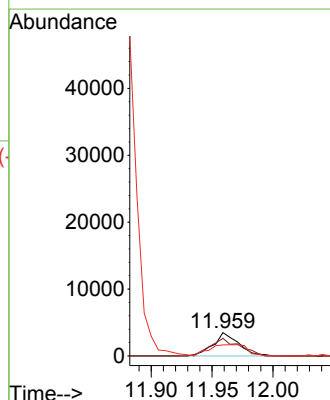
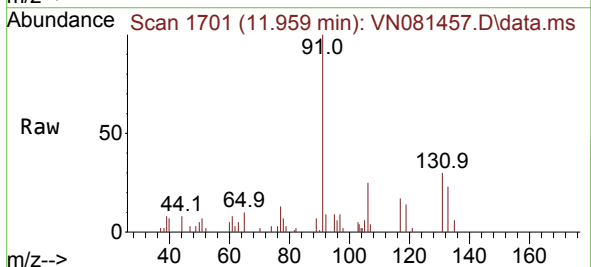
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

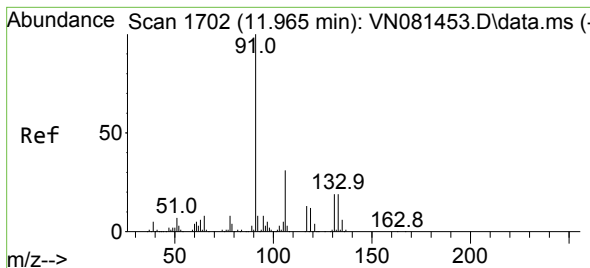
Tgt Ion:112 Resp: 14353
Ion Ratio Lower Upper
112 100
114 25.2 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.950 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion:131 Resp: 5073
Ion Ratio Lower Upper
131 100
133 88.0 46.8 140.3
119 0.0 34.6 103.9#





#67

Ethyl Benzene

Concen: 0.886 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

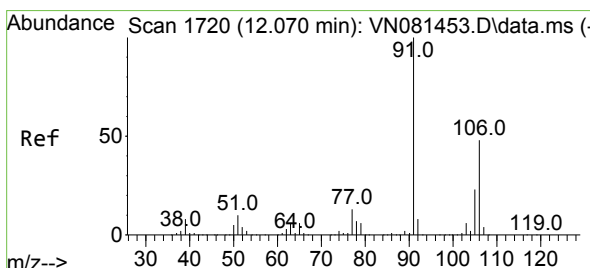
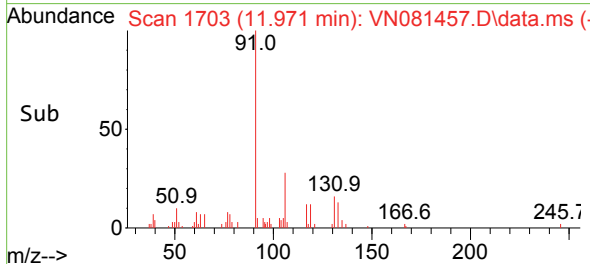
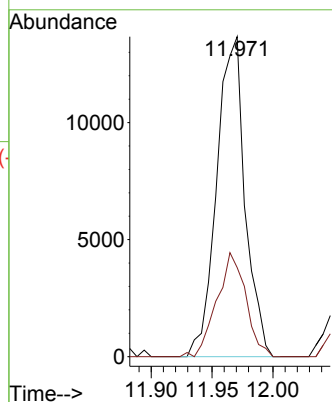
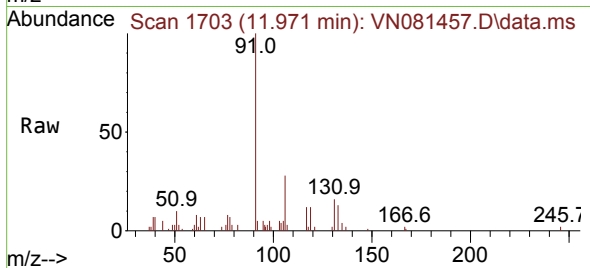
VSTDIC001

Tgt Ion: 91 Resp: 22176

Ion Ratio Lower Upper

91 100

106 27.9 23.8 35.6



#68

m/p-Xylenes

Concen: 1.671 ug/l

RT: 12.077 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN081457.D

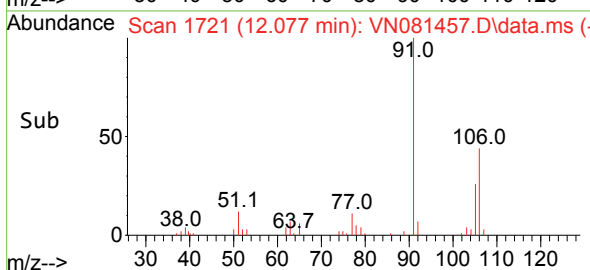
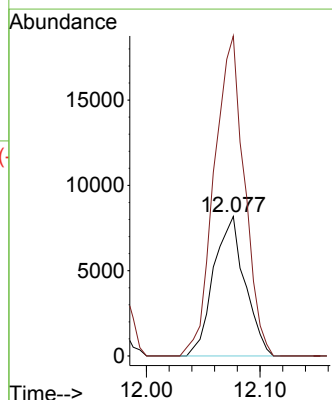
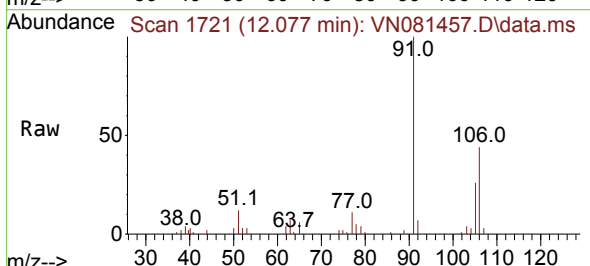
Acq: 18 Mar 2024 18:02

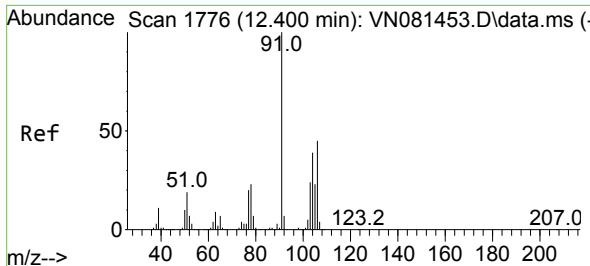
Tgt Ion: 106 Resp: 15670

Ion Ratio Lower Upper

106 100

91 221.5 169.0 253.6

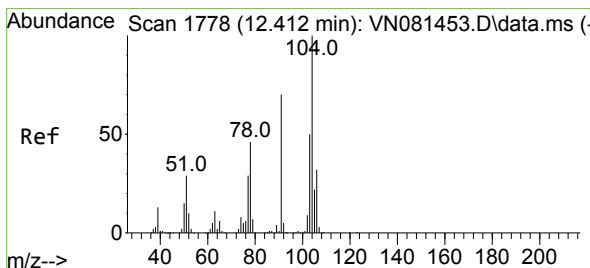
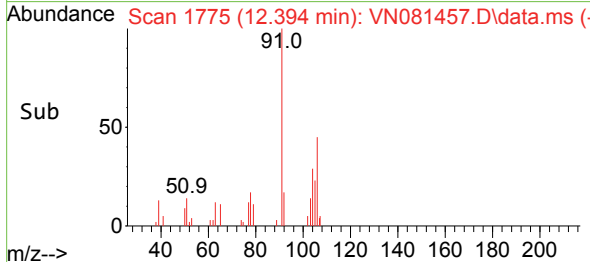
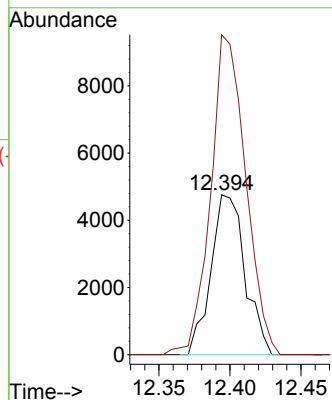
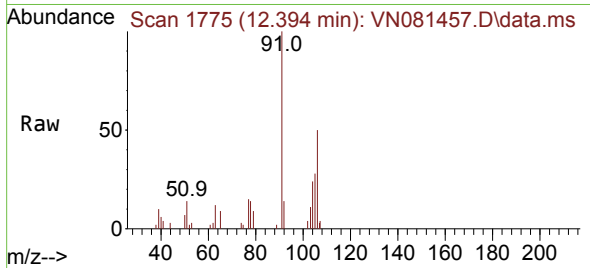




#69
o-Xylene
Concen: 0.862 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

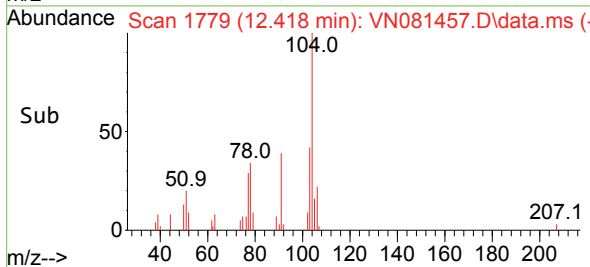
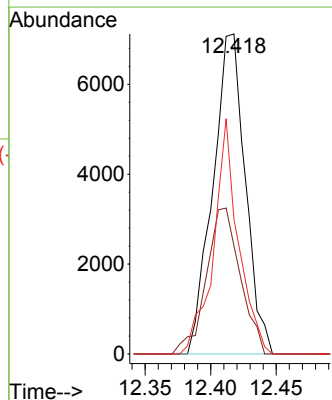
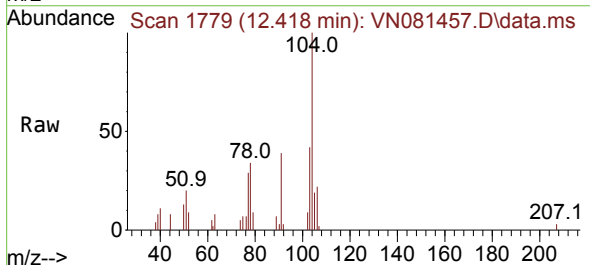
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

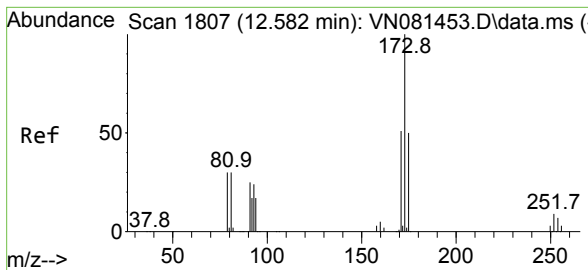
Tgt Ion:106 Resp: 7941
Ion Ratio Lower Upper
106 100
91 205.8 112.1 336.3



#70
Styrene
Concen: 0.825 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion:104 Resp: 12245
Ion Ratio Lower Upper
104 100
78 47.8 43.8 65.8
103 56.1 44.2 66.2

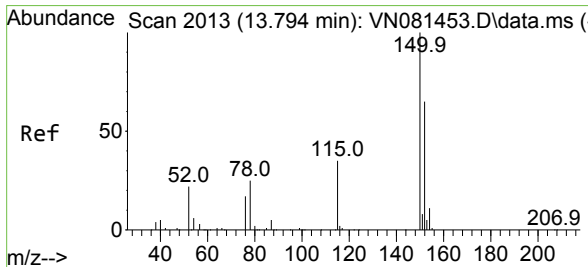
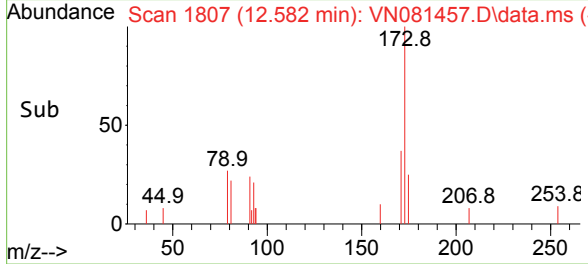
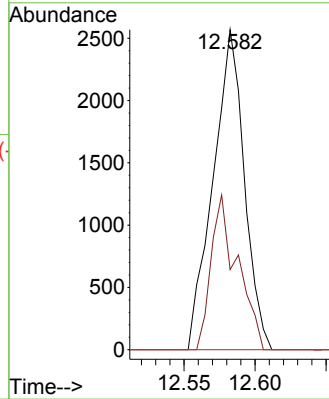
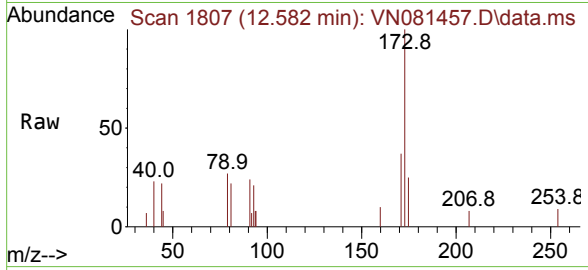




#71
Bromoform
Concen: 0.978 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

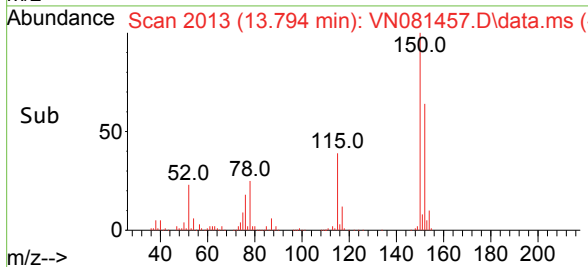
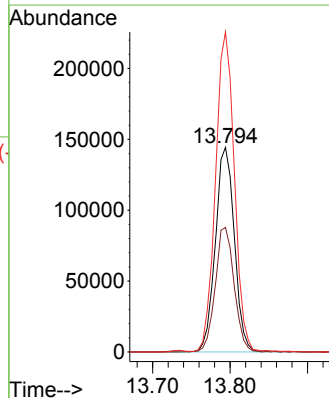
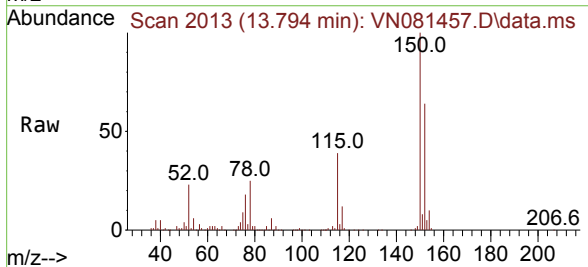
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

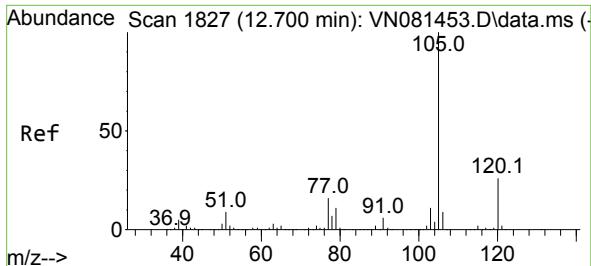
Tgt Ion:	173	Resp:	3922
Ion Ratio	Lower	Upper	
173	100		
175	40.9	23.1	69.2
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion:	152	Resp:	245978
Ion Ratio	Lower	Upper	
152	100		
115	60.5	32.3	96.8
150	155.3	0.0	339.8

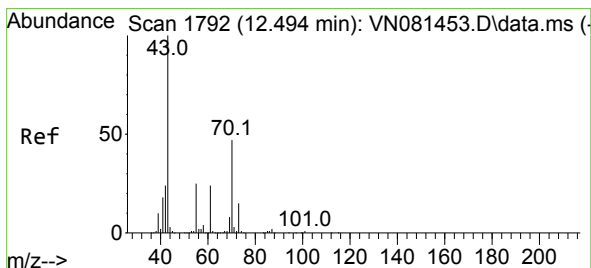
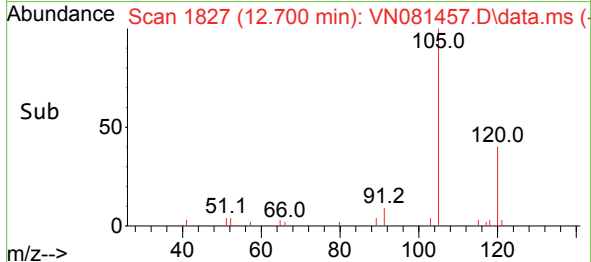
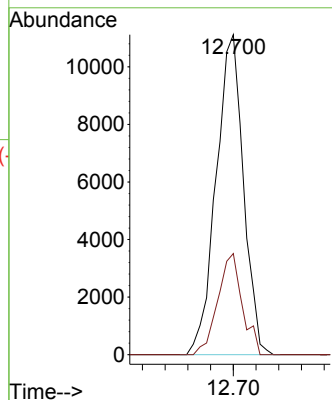
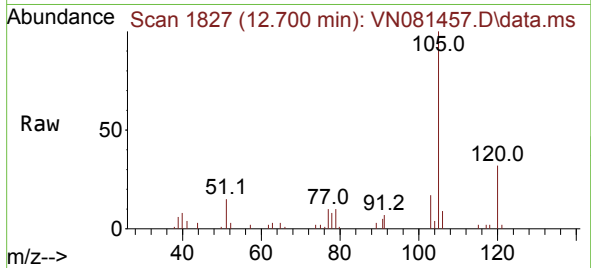




#73
Isopropylbenzene
Concen: 0.886 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

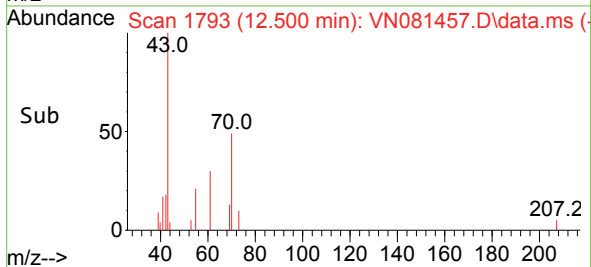
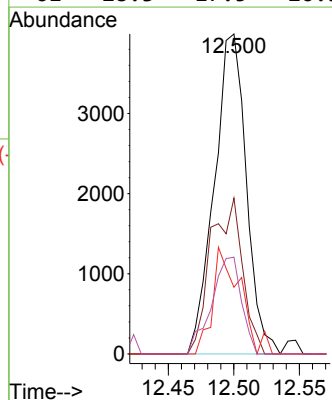
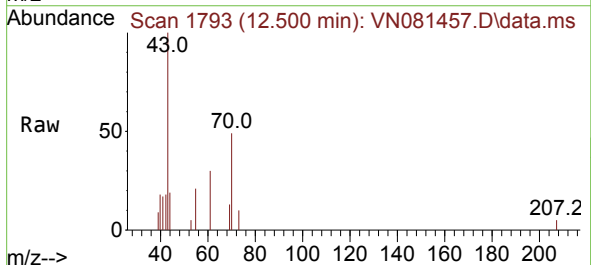
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

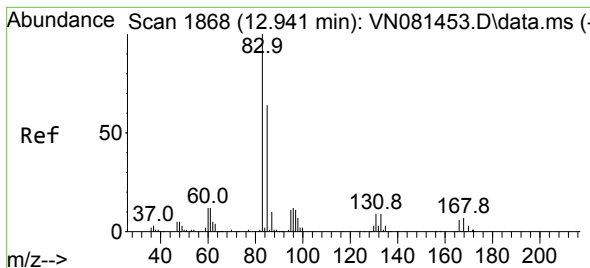
Tgt Ion:105 Resp: 18580
Ion Ratio Lower Upper
105 100
120 28.3 12.6 37.6



#74
N-ethyl acetate
Concen: 0.892 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 43 Resp: 6769
Ion Ratio Lower Upper
43 100
70 48.4 30.1 45.1#
55 28.6 17.0 25.4#
61 28.3 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.066 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

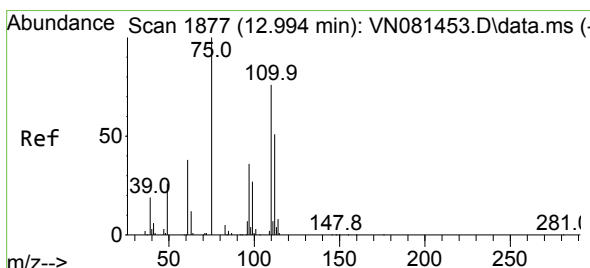
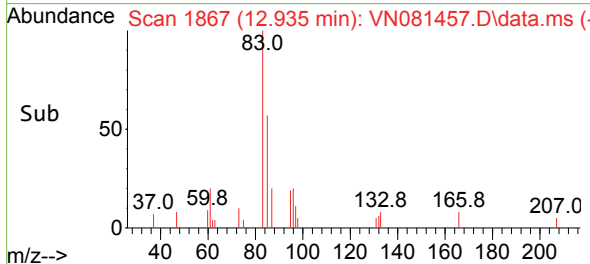
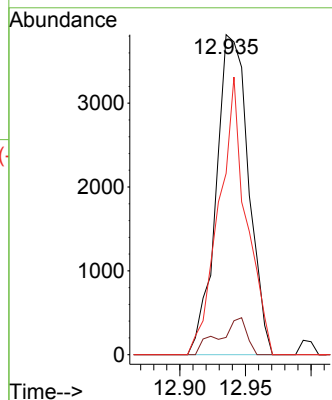
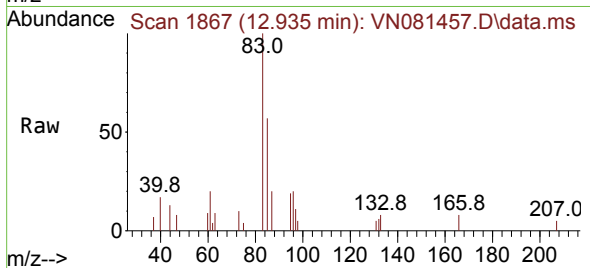
Tgt Ion: 83 Resp: 6572

Ion Ratio Lower Upper

83 100

131 9.7 4.1 12.3

85 73.9 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 1.594 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN081457.D

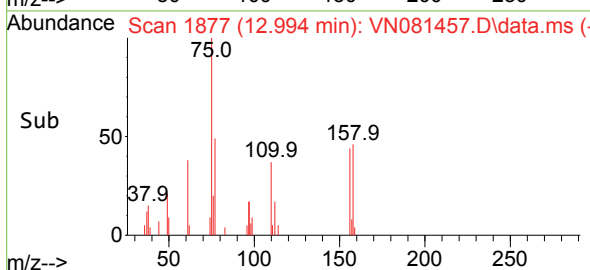
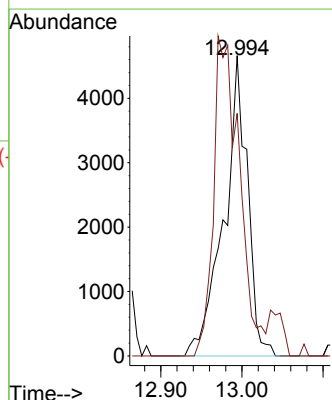
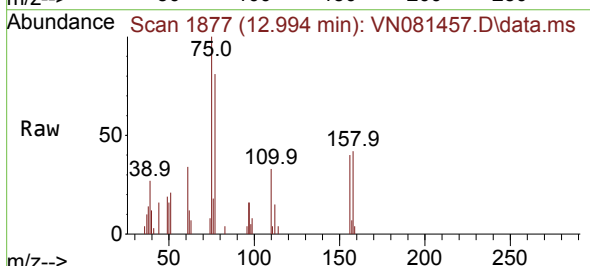
Acq: 18 Mar 2024 18:02

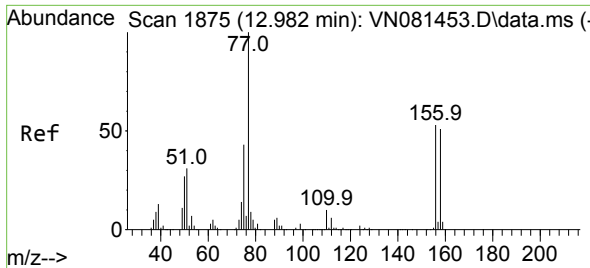
Tgt Ion: 75 Resp: 9360

Ion Ratio Lower Upper

75 100

77 0.0 91.0 272.8#

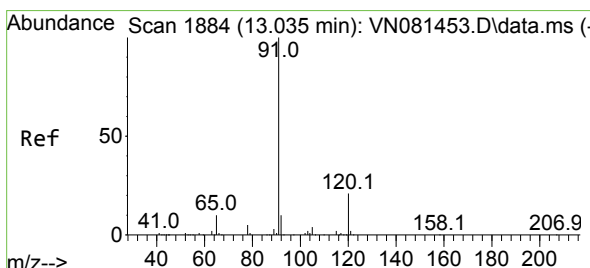
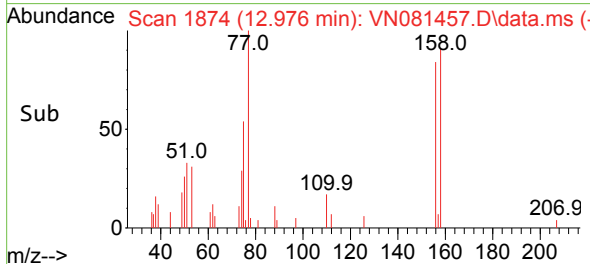
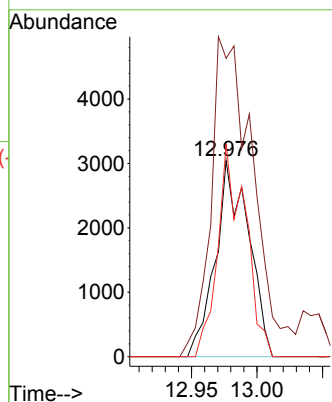
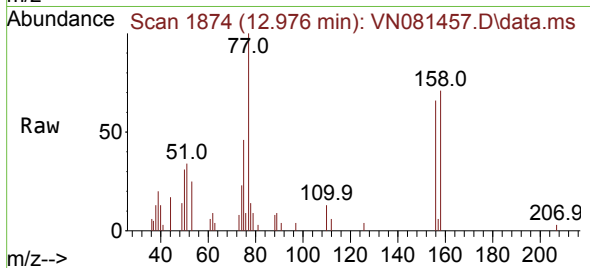




#77
 Bromobenzene
 Concen: 1.032 ug/l
 RT: 12.976 min Scan# 1874
 Delta R.T. -0.006 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

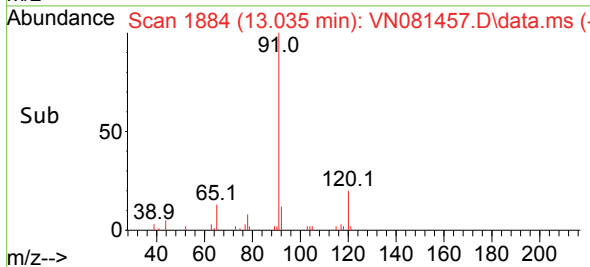
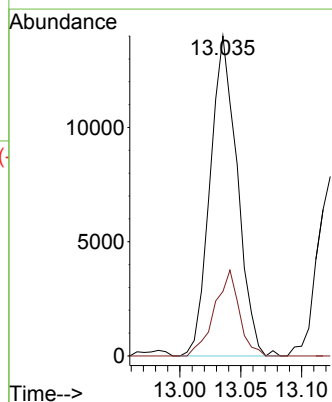
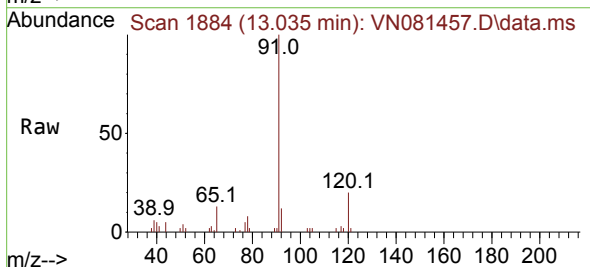
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

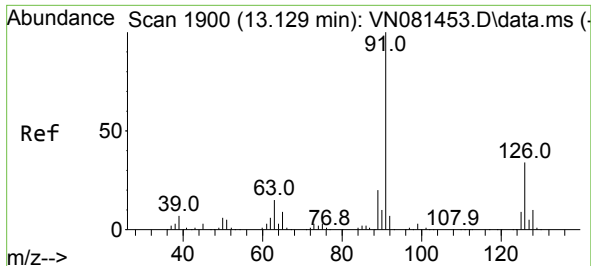
Tgt Ion:156 Resp: 5347
 Ion Ratio Lower Upper
 156 100
 77 205.5 138.1 414.3
 158 91.0 46.5 139.5



#78
 n-propylbenzene
 Concen: 0.878 ug/l
 RT: 13.035 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

Tgt Ion: 91 Resp: 21742
 Ion Ratio Lower Upper
 91 100
 120 24.4 10.3 30.9

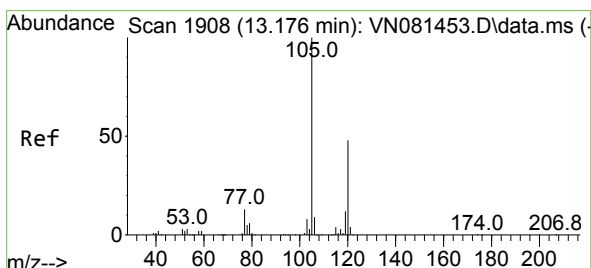
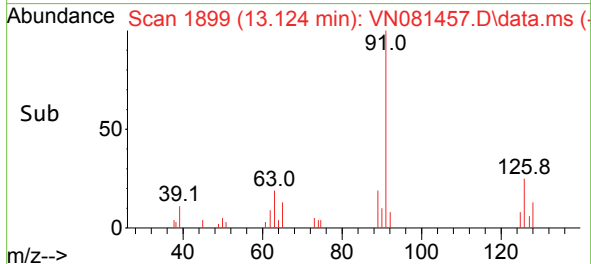
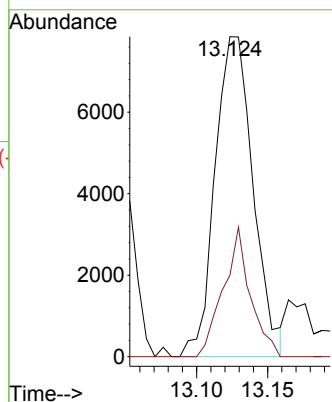
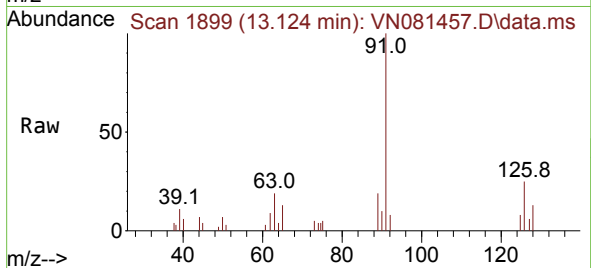




#79
2-Chlorotoluene
Concen: 0.988 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

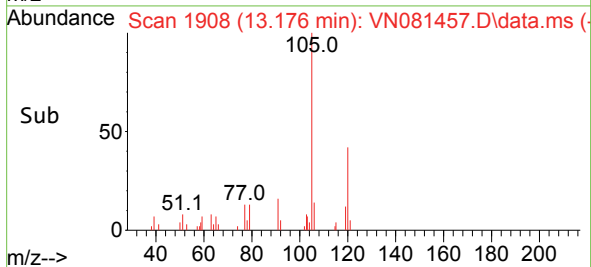
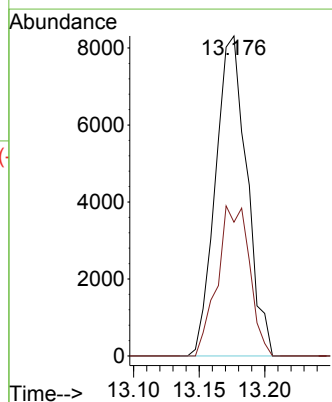
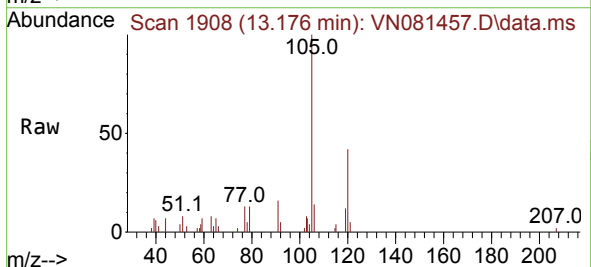
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

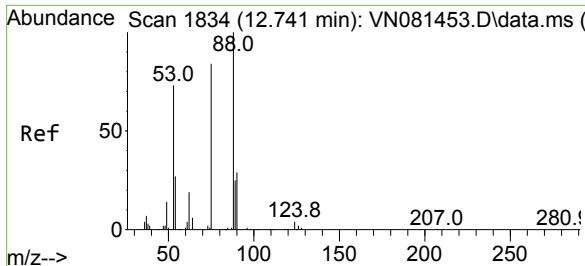
Tgt Ion: 91 Resp: 14649
Ion Ratio Lower Upper
91 100
126 28.6 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 0.796 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 105 Resp: 13781
Ion Ratio Lower Upper
105 100
120 48.0 23.0 69.0

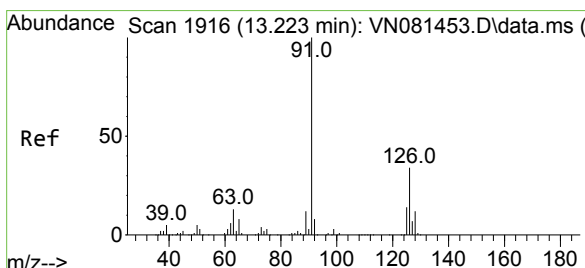
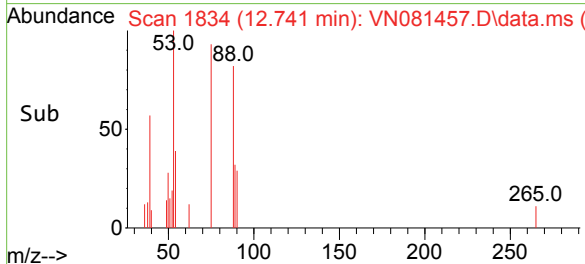
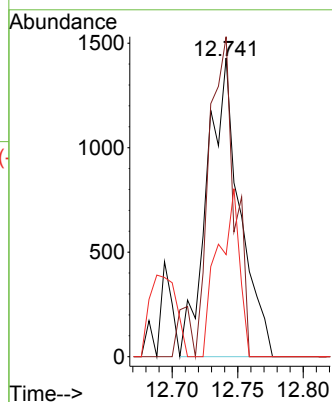
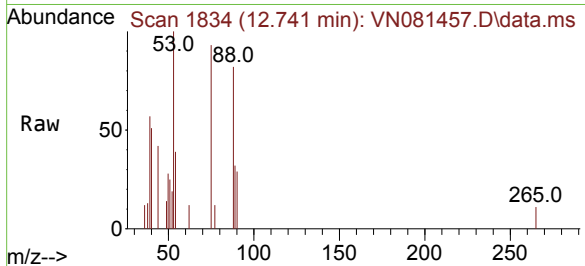




#81
trans-1,4-Dichloro-2-butene
Concen: 1.139 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

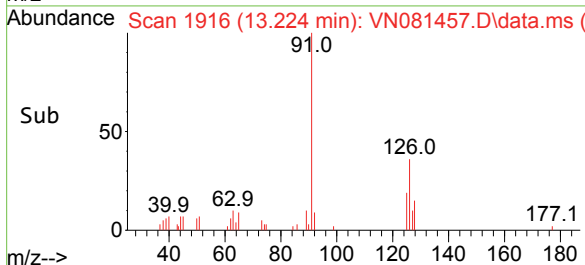
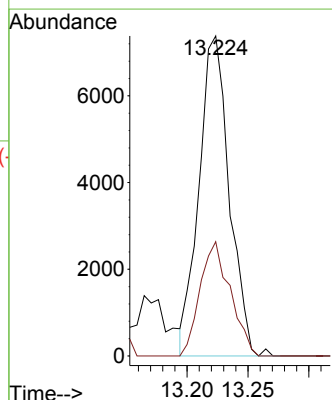
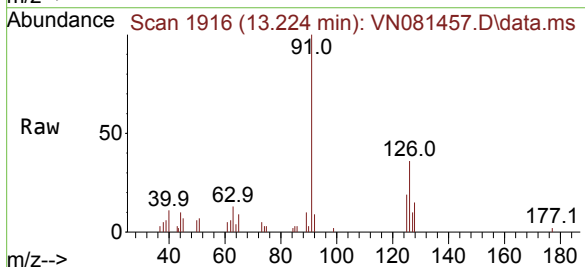
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

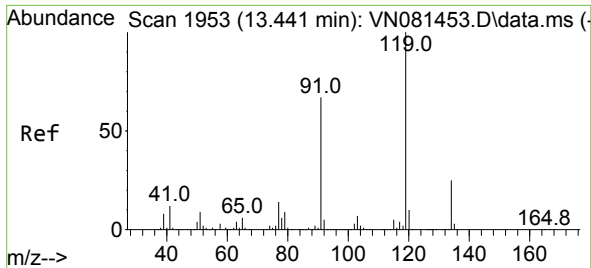
Tgt Ion: 75 Resp: 2480
Ion Ratio Lower Upper
75 100
53 89.1 71.4 107.2
89 37.1 33.4 50.0



#82
4-Chlorotoluene
Concen: 0.874 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 91 Resp: 12775
Ion Ratio Lower Upper
91 100
126 35.7 15.3 45.9

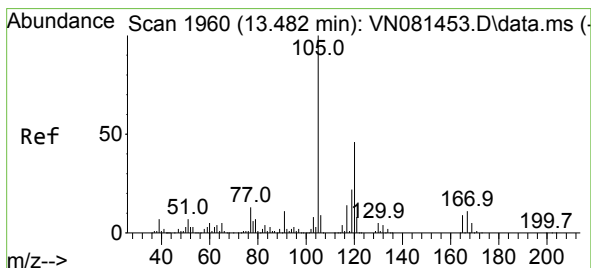
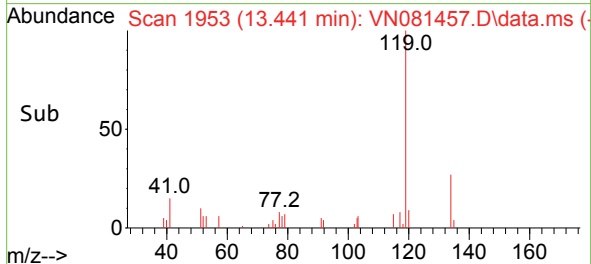
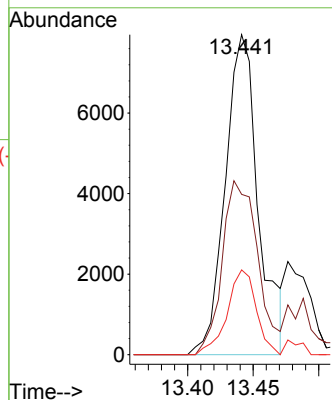
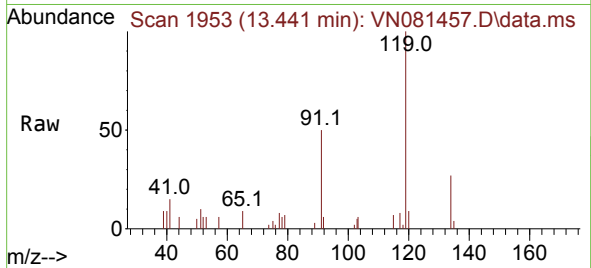




#83
 tert-Butylbenzene
 Concen: 0.935 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

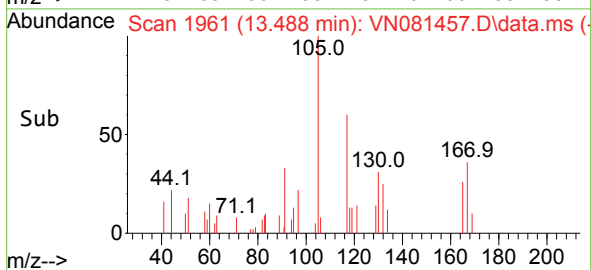
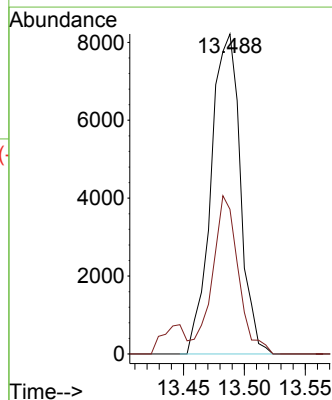
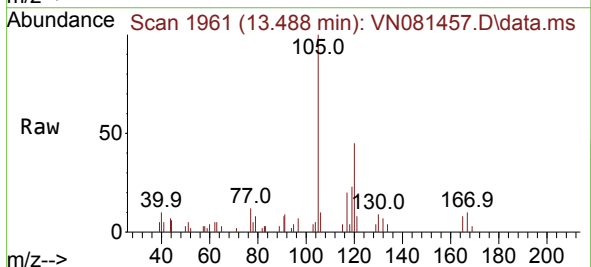
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

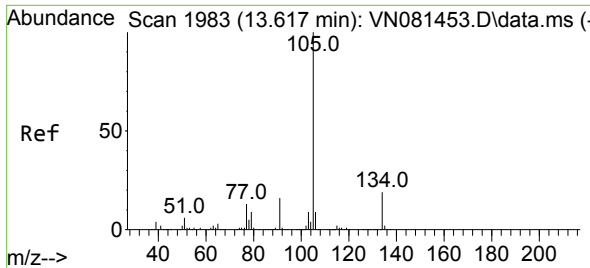
Tgt Ion:	119	Resp:	13967
Ion	Ratio	Lower	Upper
119	100		
91	58.3	36.8	110.4
134	23.3	12.4	37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.789 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

Tgt Ion:	105	Resp:	13737
Ion	Ratio	Lower	Upper
105	100		
120	44.1	20.9	62.7

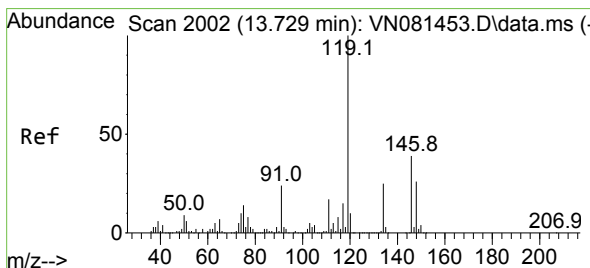
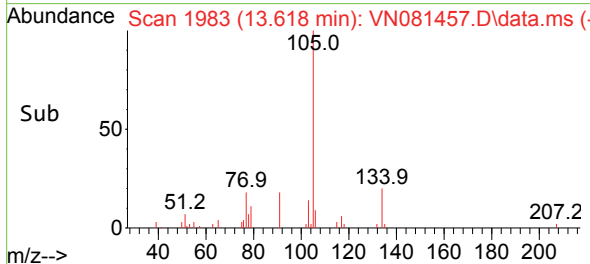
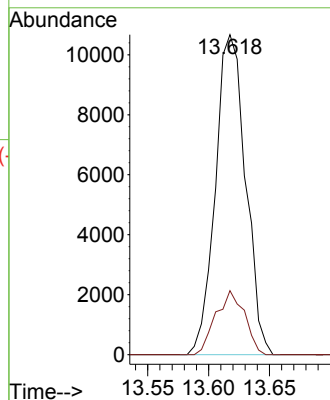
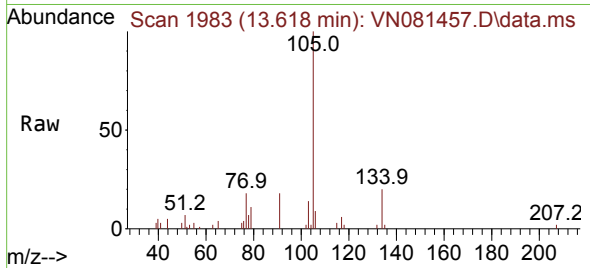




#85
 sec-Butylbenzene
 Concen: 0.861 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

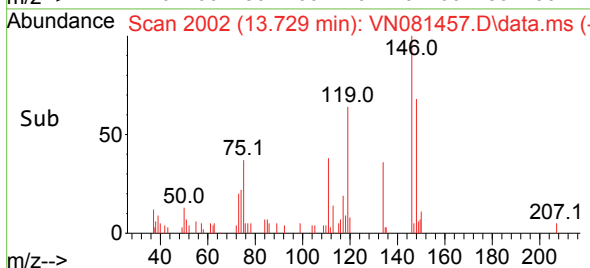
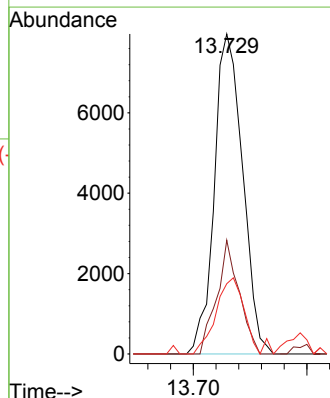
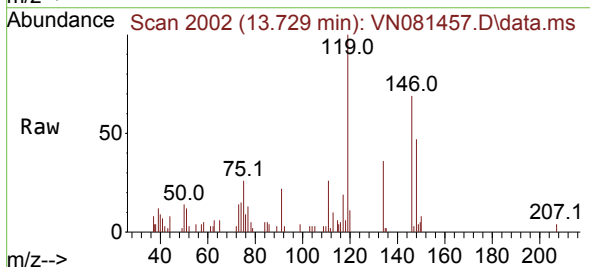
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

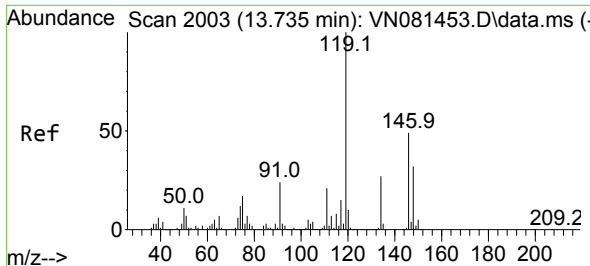
Tgt Ion:105 Resp: 18391
 Ion Ratio Lower Upper
 105 100
 134 19.1 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 0.789 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

Tgt Ion:119 Resp: 13775
 Ion Ratio Lower Upper
 119 100
 134 28.1 12.4 37.2
 91 23.4 13.5 40.4

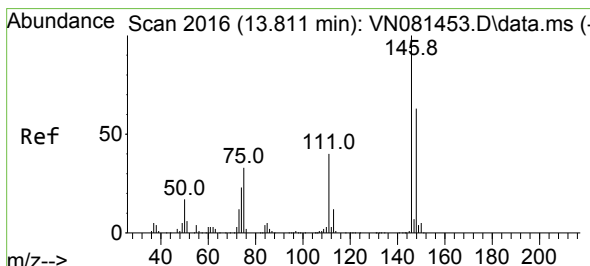
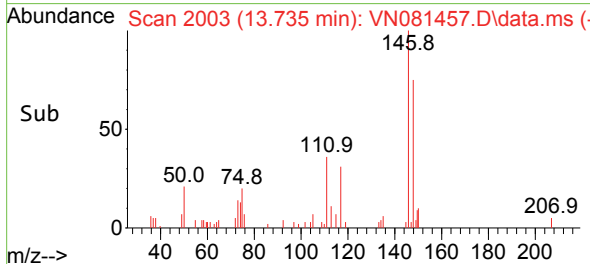
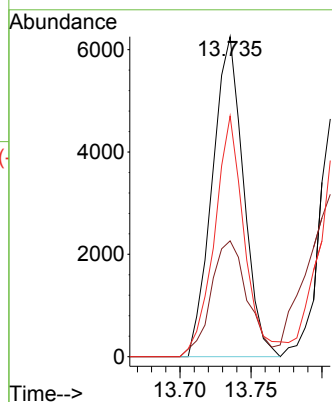
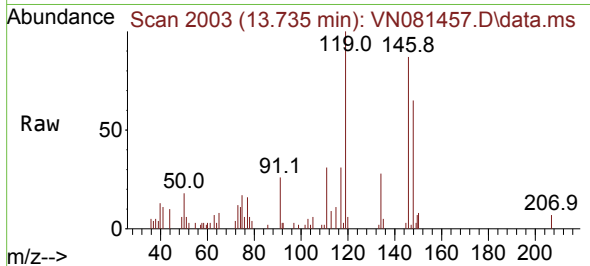




#87
1,3-Dichlorobenzene
Concen: 1.002 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

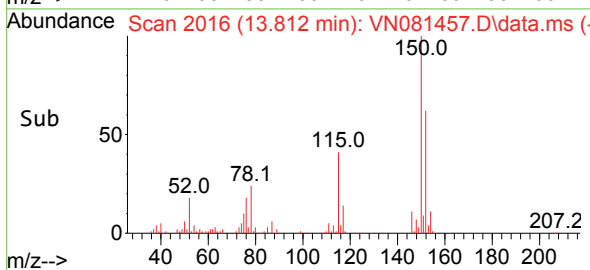
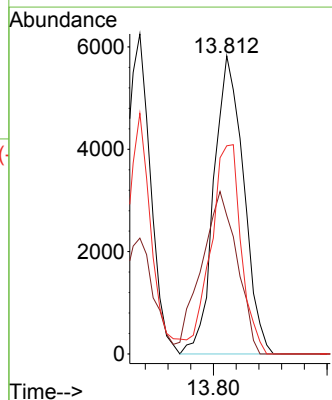
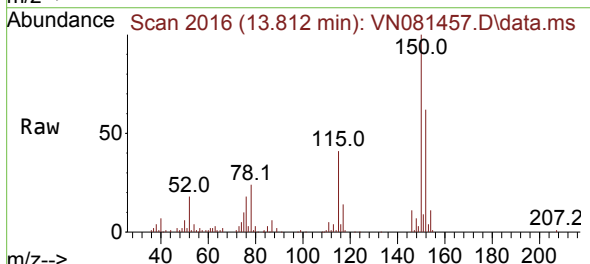
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

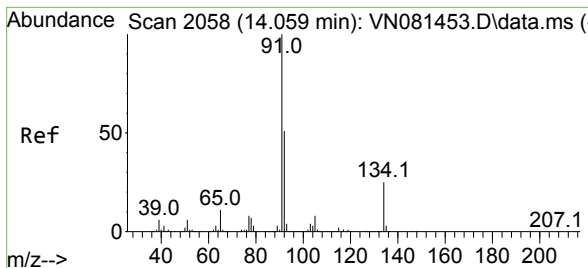
Tgt Ion:146 Resp: 9533
Ion Ratio Lower Upper
146 100
111 42.4 23.9 71.7
148 73.5 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 1.075 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion:146 Resp: 10596
Ion Ratio Lower Upper
146 100
111 65.8 22.6 67.7
148 71.4 31.9 95.5





#89

n-Butylbenzene

Concen: 0.832 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

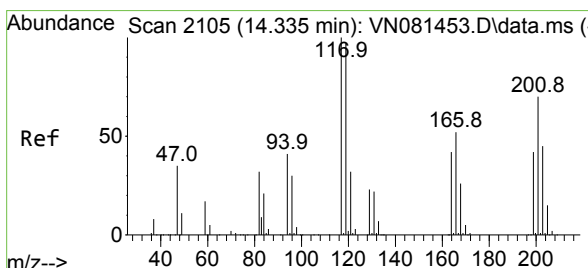
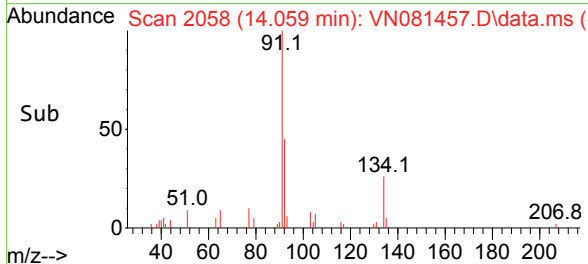
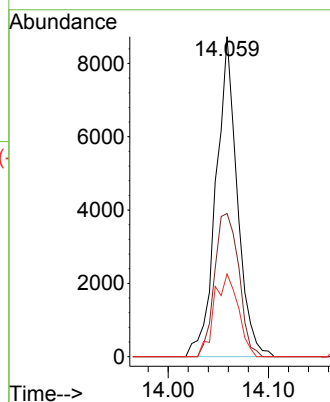
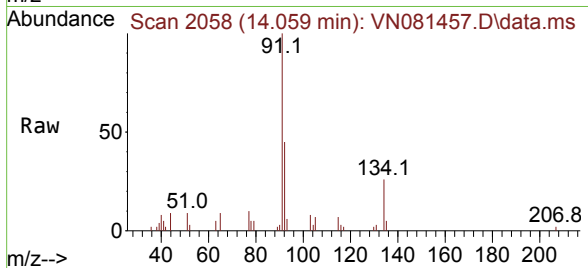
Tgt Ion: 91 Resp: 12870

Ion Ratio Lower Upper

91 100

92 50.9 26.7 80.1

134 28.9 10.8 32.4



#90

Hexachloroethane

Concen: 1.017 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN081457.D

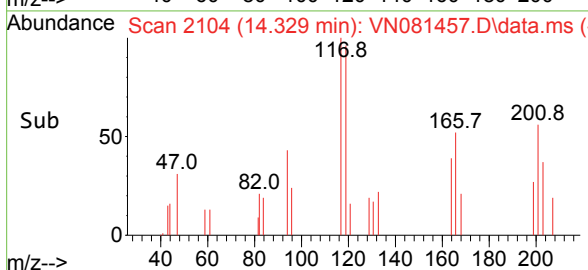
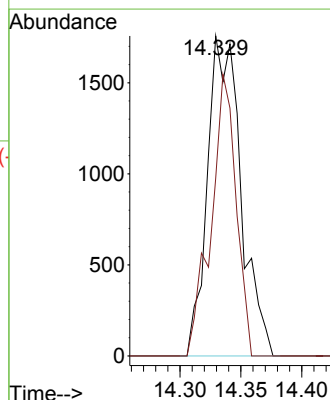
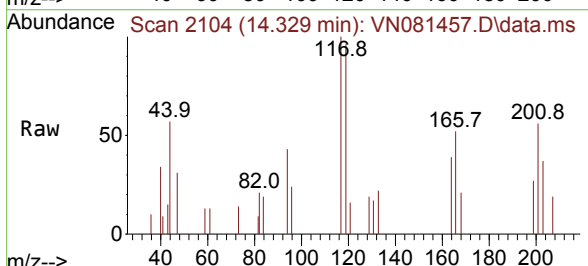
Acq: 18 Mar 2024 18:02

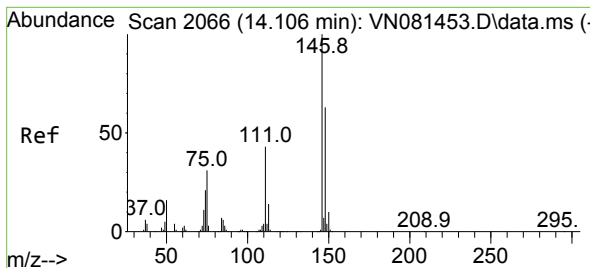
Tgt Ion: 117 Resp: 3361

Ion Ratio Lower Upper

117 100

201 66.1 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 1.054 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

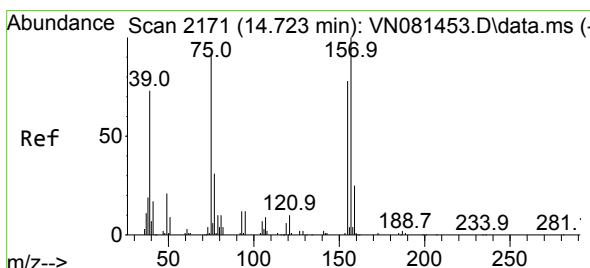
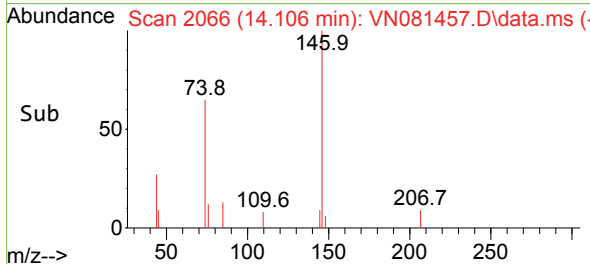
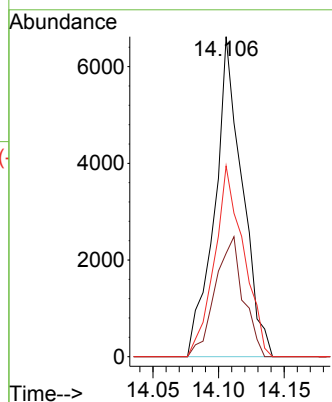
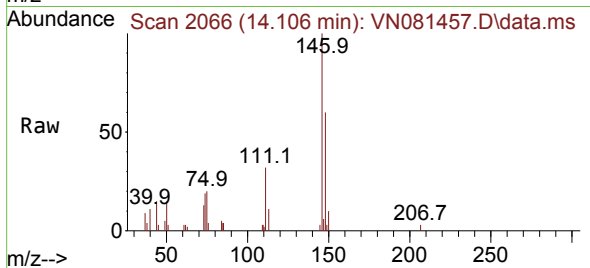
Tgt Ion:146 Resp: 9657

Ion Ratio Lower Upper

146 100

111 38.4 23.9 71.8

148 63.3 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.027 ug/l

RT: 14.718 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

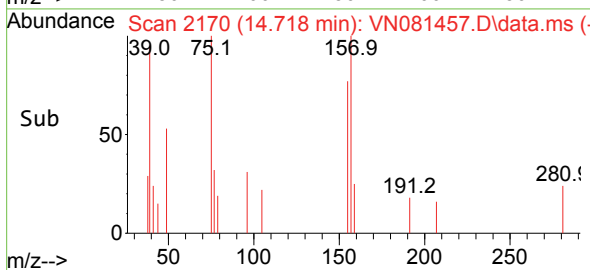
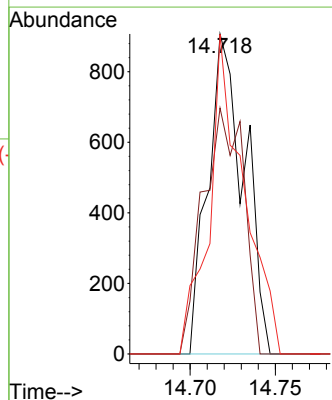
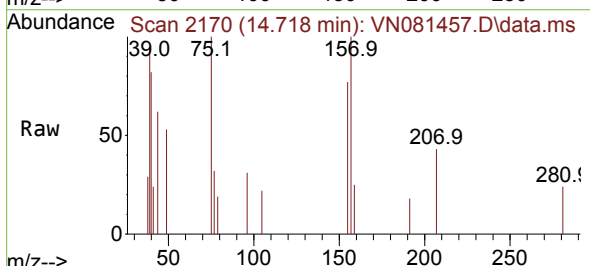
Tgt Ion: 75 Resp: 1347

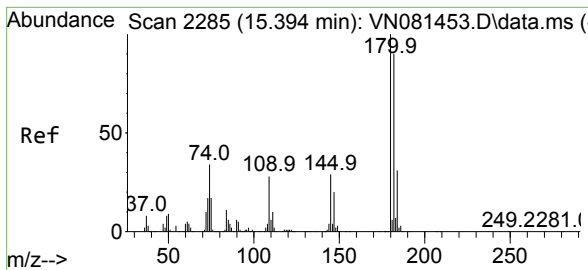
Ion Ratio Lower Upper

75 100

155 85.7 31.8 95.4

157 94.5 41.1 123.4

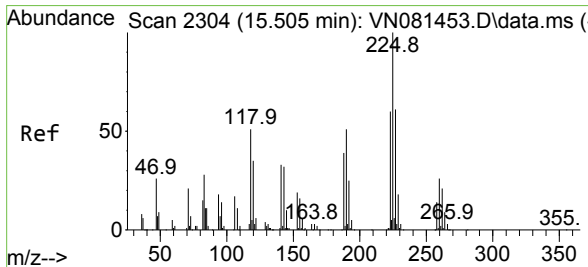
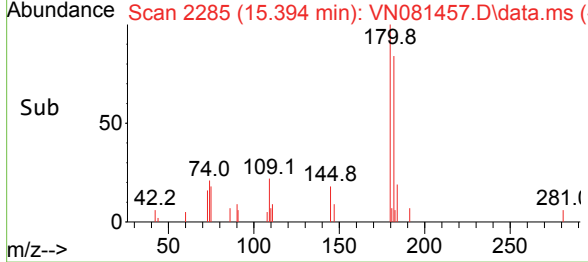
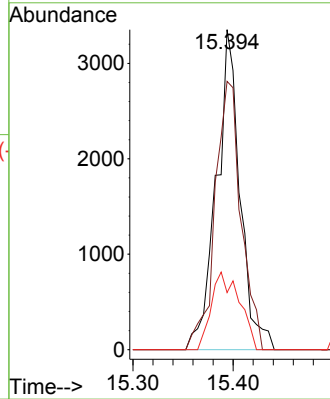
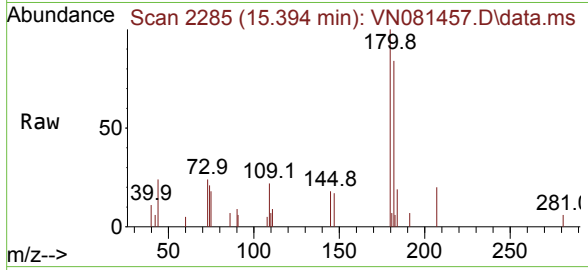




#93
 1,2,4-Trichlorobenzene
 Concen: 1.038 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

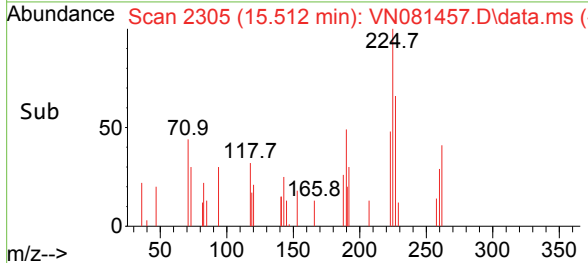
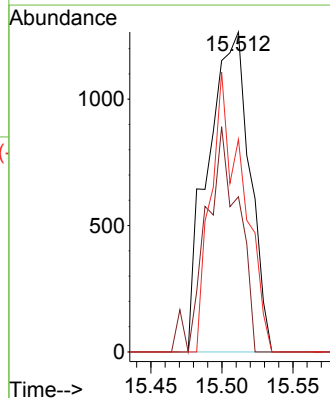
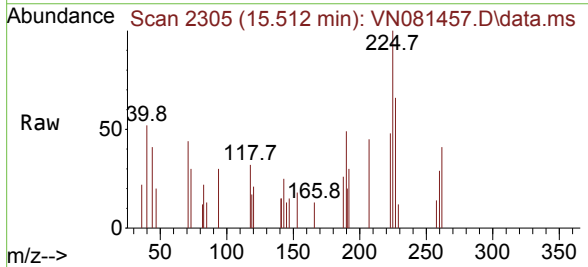
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

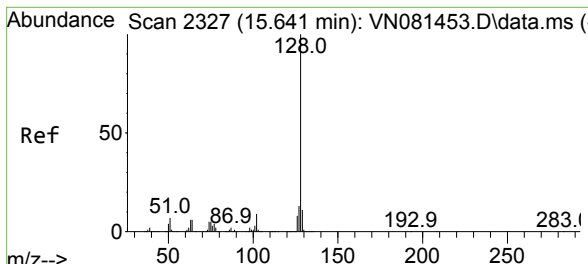
Tgt Ion:	180	Resp:	5495
Ion Ratio	Lower	Upper	
180	100		
182	92.2	46.6	139.7
145	28.8	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 1.116 ug/l
 RT: 15.512 min Scan# 2305
 Delta R.T. 0.006 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

Tgt Ion:	225	Resp:	2593
Ion Ratio	Lower	Upper	
225	100		
223	54.9	33.3	99.8
227	67.1	33.1	99.2

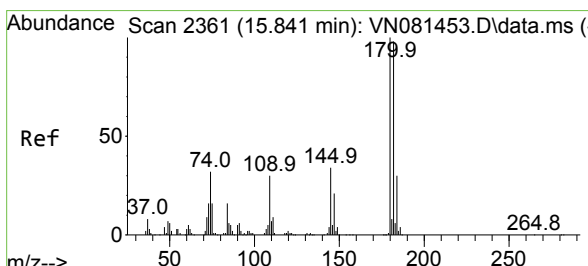
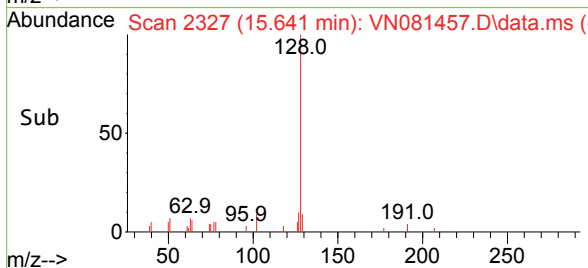
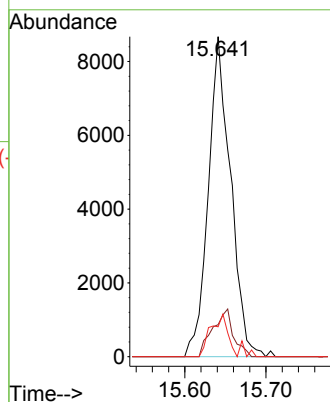
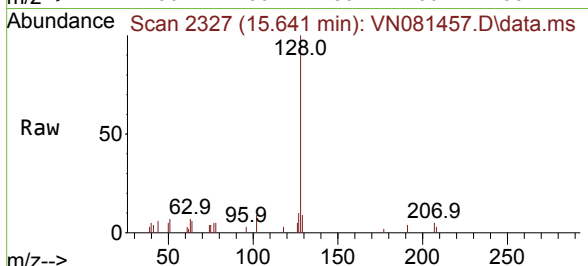




#95
Naphthalene
Concen: 0.967 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:	128	Resp:	16600
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.0	15.0
129	10.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.042 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion:	180	Resp:	5550
Ion	Ratio	Lower	Upper
180	100		
182	98.5	46.5	139.3
145	34.6	17.8	53.4

