

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082134.D
 Acq On : 15 May 2024 15:24
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: May 16 05:00:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 04:51:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	191596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	335680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	3168	1.047	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.100%#
35) Dibromofluoromethane	8.165	113	2390	1.157	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.320%#
50) Toluene-d8	10.565	98	8297	1.048	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	2.100%#
62) 4-Bromofluorobenzene	12.853	95	2810	0.994	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	1.980%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	2637	0.955	ug/l	98
3) Chloromethane	2.365	50	3324	1.062	ug/l	91
4) Vinyl Chloride	2.512	62	3074	1.044	ug/l	95
5) Bromomethane	2.971	94	2800	1.655	ug/l #	79
6) Chloroethane	3.124	64	2091	1.088	ug/l #	83
7) Trichlorofluoromethane	3.506	101	3494	0.907	ug/l	97
8) Diethyl Ether	3.971	74	1125	0.819	ug/l #	22
9) 1,1,2-Trichlorotrifluo...	4.359	101	2402	1.067	ug/l #	81
10) Methyl Iodide	4.589	142	2008	0.887	ug/l #	89
11) Tert butyl alcohol	5.518	59	2443	5.031	ug/l #	71
12) 1,1-Dichloroethene	4.342	96	1937	0.926	ug/l #	88
13) Acrolein	4.177	56	862	2.395	ug/l #	23
14) Allyl chloride	5.024	41	4905	1.095	ug/l #	83
15) Acrylonitrile	5.736	53	5800	4.611	ug/l	95
16) Acetone	4.424	43	5919	4.769	ug/l #	74
17) Carbon Disulfide	4.712	76	7847	1.161	ug/l	99
18) Methyl Acetate	5.036	43	3296	1.066	ug/l #	55
19) Methyl tert-butyl Ether	5.795	73	7020	0.918	ug/l	93
20) Methylene Chloride	5.271	84	1595	0.637	ug/l #	84
21) trans-1,2-Dichloroethene	5.789	96	2302	1.010	ug/l	85
22) Diisopropyl ether	6.671	45	8636	0.923	ug/l #	90
23) Vinyl Acetate	6.612	43	31235	4.235	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	4754	0.986	ug/l #	81
25) 2-Butanone	7.489	43	9322	4.954	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	3861	0.956	ug/l	82
27) cis-1,2-Dichloroethene	7.483	96	2546	0.946	ug/l	73
28) Bromochloromethane	7.812	49	2558	1.024	ug/l #	70
29) Tetrahydrofuran	7.841	42	5547	4.591	ug/l #	82
30) Chloroform	7.971	83	4485	0.974	ug/l	99
31) Cyclohexane	8.230	56	9426	1.951	ug/l #	52
32) 1,1,1-Trichloroethane	8.165	97	3881	0.950	ug/l #	50
36) 1,1-Dichloropropene	8.371	75	3544	1.023	ug/l #	88
37) Ethyl Acetate	7.565	43	3545	0.915	ug/l #	77
38) Carbon Tetrachloride	8.365	117	3210	0.914	ug/l #	88
39) Methylcyclohexane	9.600	83	3345	0.881	ug/l #	79
40) Benzene	8.600	78	9569	0.927	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	2365	1.038	ug/l #	71
42) 1,2-Dichloroethane	8.665	62	3776	0.951	ug/l #	73
43) Isopropyl Acetate	8.688	43	6561	0.955	ug/l #	85
44) Trichloroethene	9.353	130	2384	1.016	ug/l	99
45) 1,2-Dichloropropane	9.624	63	2612	0.980	ug/l	93
46) Dibromomethane	9.700	93	1682	0.961	ug/l	93
47) Bromodichloromethane	9.888	83	3319	0.899	ug/l #	86
48) Methyl methacrylate	9.688	41	3037	0.928	ug/l #	80
49) 1,4-Dioxane	9.700	88	776	16.923	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	17237	4.418	ug/l	87
52) Toluene	10.630	92	5511	0.889	ug/l	93
53) t-1,3-Dichloropropene	10.835	75	3390	0.888	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	3320	0.821	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	1984	0.881	ug/l	97
56) Ethyl methacrylate	10.871	69	3121	0.816	ug/l #	59
57) 1,3-Dichloropropane	11.165	76	4282	1.017	ug/l	89
58) 2-Chloroethyl Vinyl ether	10.159	63	8377	4.247	ug/l	97
59) 2-Hexanone	11.194	43	11888	4.161	ug/l	87
60) Dibromochloromethane	11.359	129	2063	0.830	ug/l	100
61) 1,2-Dibromoethane	11.471	107	2248	0.972	ug/l	95
64) Tetrachloroethene	11.106	164	2110	0.977	ug/l	95
65) Chlorobenzene	11.894	112	6603	1.026	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.965	131	1820	0.858	ug/l #	57
67) Ethyl Benzene	11.965	91	10397	0.903	ug/l	100
68) m/p-Xylenes	12.071	106	7541	1.787	ug/l	94
69) o-Xylene	12.400	106	3635	0.889	ug/l	95
70) Styrene	12.412	104	5938	0.874	ug/l	94
71) Bromoform	12.582	173	1071	1.327	ug/l #	94
73) Isopropylbenzene	12.694	105	8504	0.897	ug/l	96
74) N-amyl acetate	12.494	43	5171	0.992	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.935	83	2925	1.071	ug/l #	94
76) 1,2,3-Trichloropropane	12.994	75	3870	1.544	ug/l	73
77) Bromobenzene	12.976	156	2343	1.038	ug/l	82
78) n-propylbenzene	13.035	91	9814	0.875	ug/l	96
79) 2-Chlorotoluene	13.123	91	6971	0.989	ug/l	89
80) 1,3,5-Trimethylbenzene	13.176	105	6416	0.837	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	759	0.743	ug/l #	44
82) 4-Chlorotoluene	13.223	91	6574	0.954	ug/l	92
83) tert-Butylbenzene	13.441	119	6061	0.904	ug/l	87
84) 1,2,4-Trimethylbenzene	13.482	105	6996	0.893	ug/l	99
85) sec-Butylbenzene	13.618	105	8267	0.890	ug/l	99
86) p-Isopropyltoluene	13.729	119	6496	0.860	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	4103	1.003	ug/l	93
88) 1,4-Dichlorobenzene	13.735	146	4103	0.983	ug/l	90
89) n-Butylbenzene	14.059	91	5869	0.865	ug/l	96
90) Hexachloroethane	14.335	117	1234	0.882	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	3588	0.927	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.717	75	494	0.880	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	2138	0.985	ug/l	95
94) Hexachlorobutadiene	15.506	225	1000	1.050	ug/l	98
95) Naphthalene	15.641	128	6234	0.916	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.841	180	2191	1.008	ug/l	97

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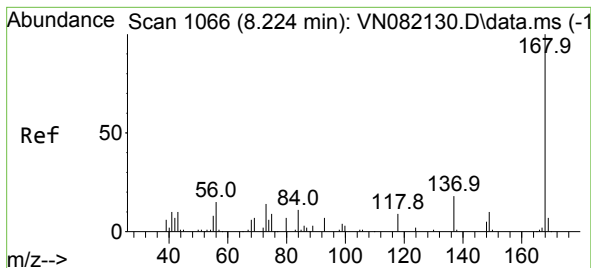
Quant Time: May 16 05:00:41 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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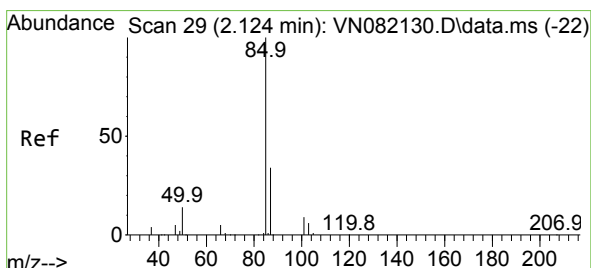
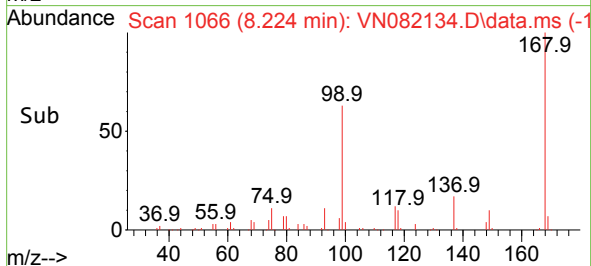
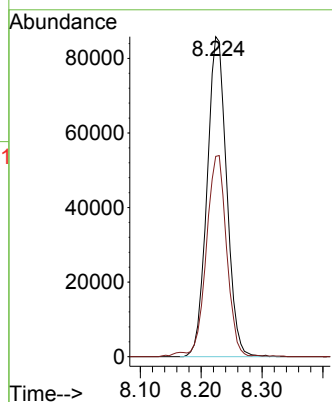
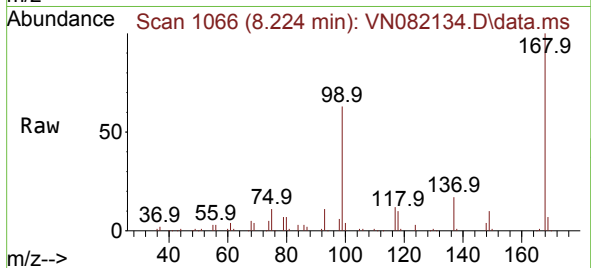




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

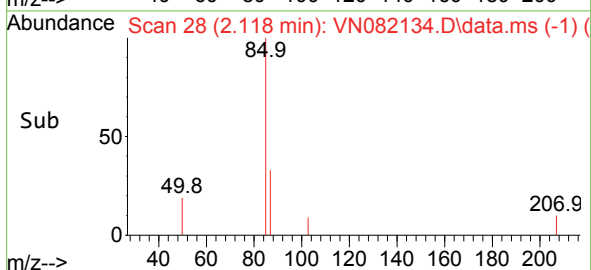
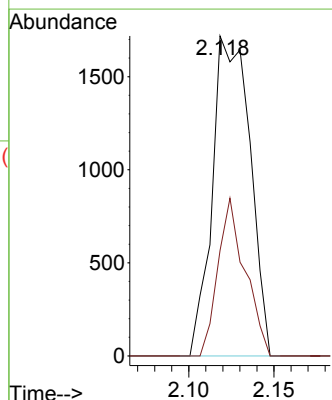
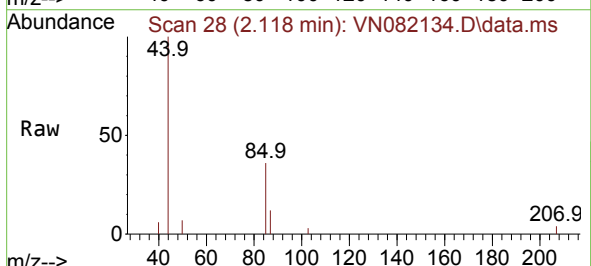
Instrument :
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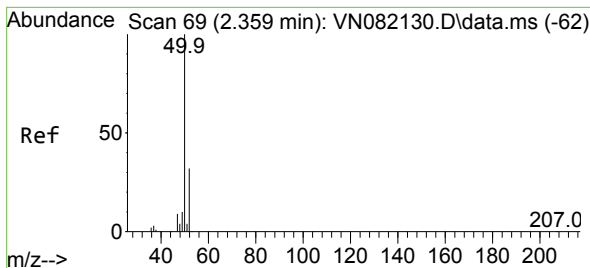
Tgt Ion:168 Resp: 191596
Ion Ratio Lower Upper
168 100
99 62.4 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 0.955 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion: 85 Resp: 2637
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4





#3

Chloromethane

Concen: 1.062 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

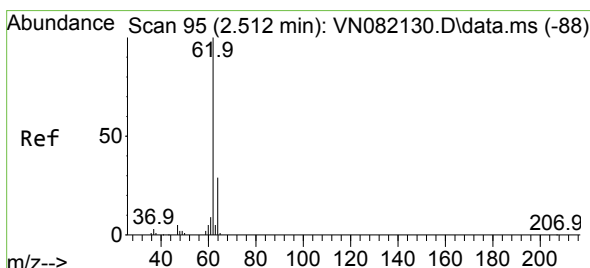
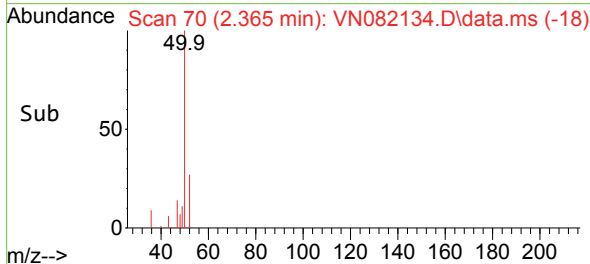
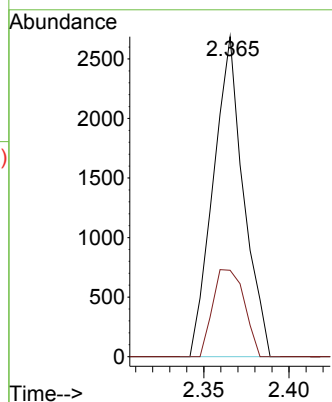
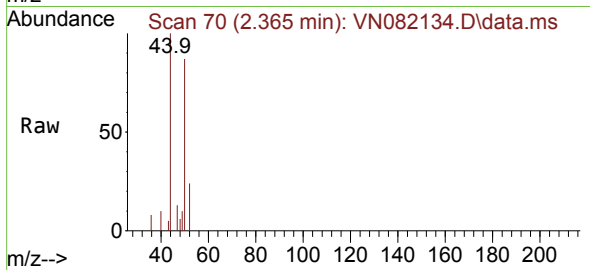
VSTDICC001

Tgt Ion: 50 Resp: 3324

Ion Ratio Lower Upper

50 100

52 27.0 25.5 38.3



#4

Vinyl Chloride

Concen: 1.044 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN082134.D

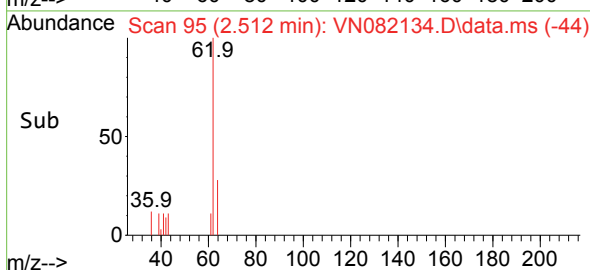
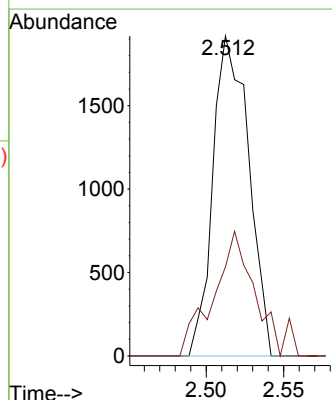
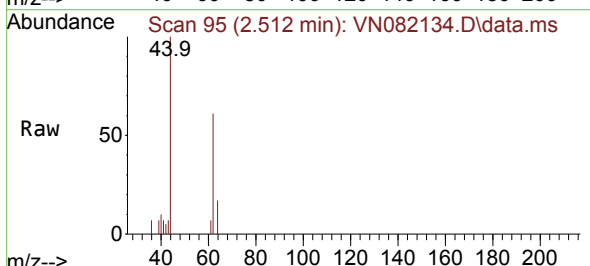
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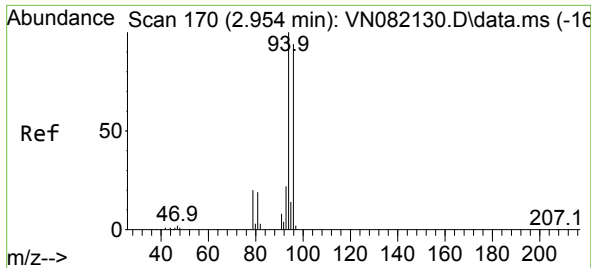
Tgt Ion: 62 Resp: 3074

Ion Ratio Lower Upper

62 100

64 27.8 24.6 37.0

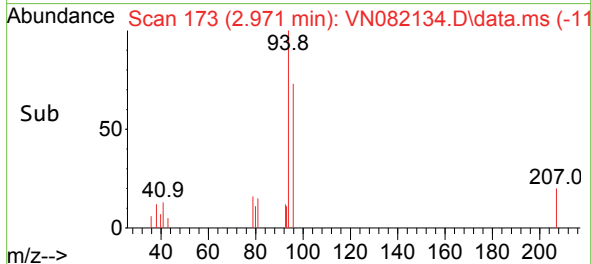
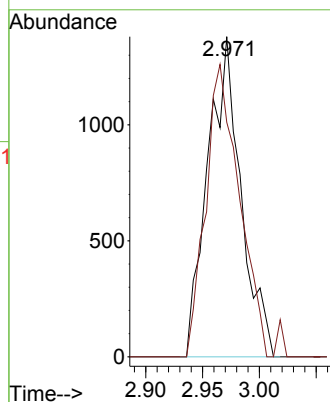
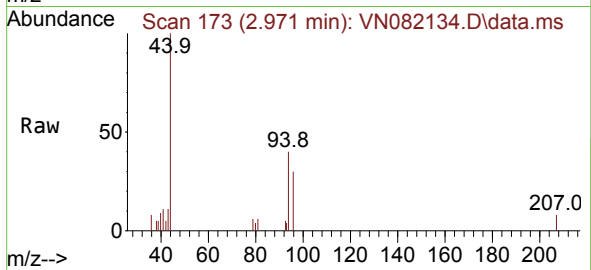




#5
Bromomethane
Concen: 1.655 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

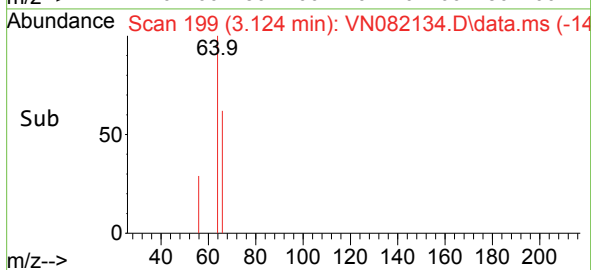
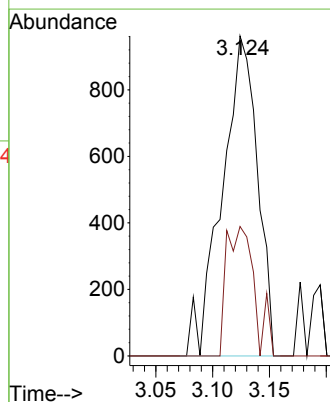
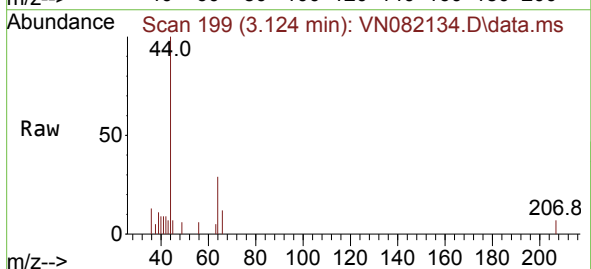
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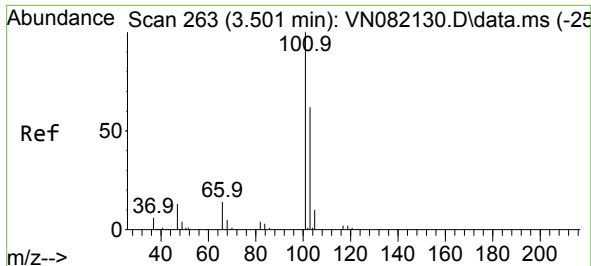
Tgt Ion: 94 Resp: 2800
Ion Ratio Lower Upper
94 100
96 73.3 74.8 112.2#



#6
Chloroethane
Concen: 1.088 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion: 64 Resp: 2091
Ion Ratio Lower Upper
64 100
66 40.4 24.7 37.1#

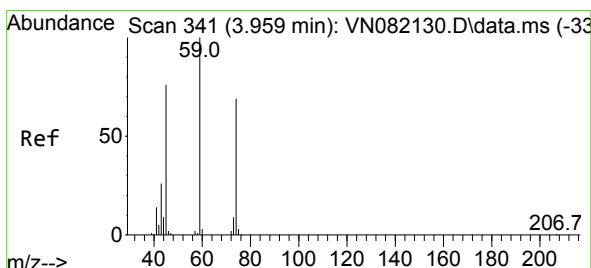
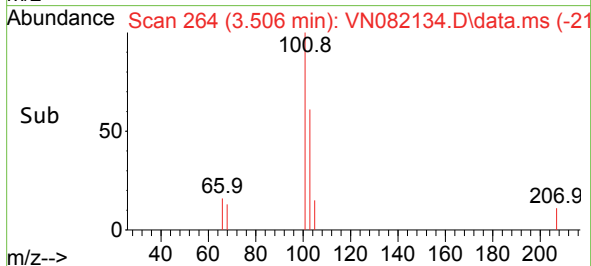
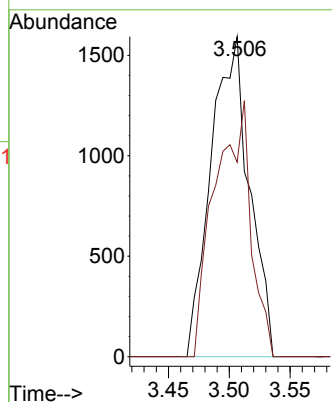
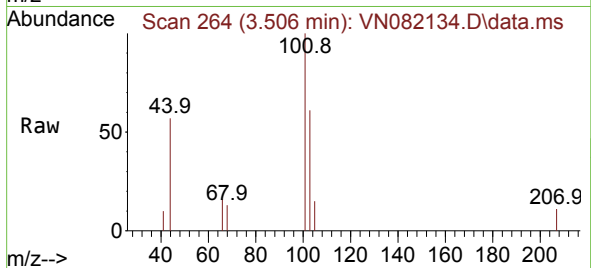




#7
Trichlorofluoromethane
Concen: 0.907 ug/l
RT: 3.506 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

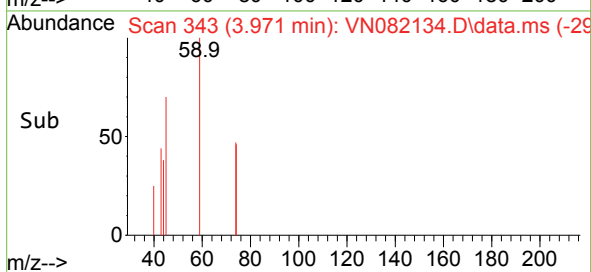
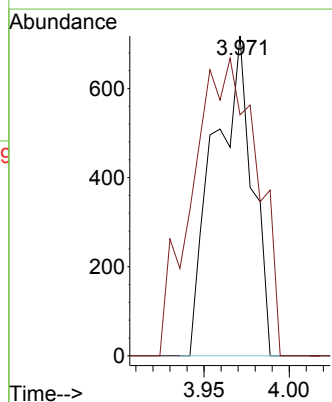
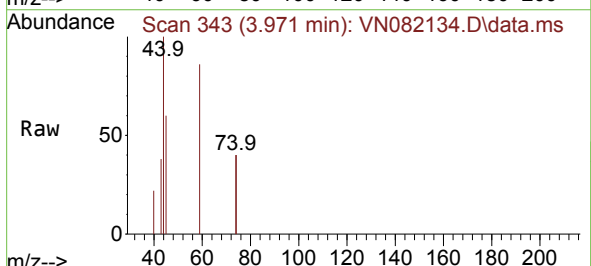
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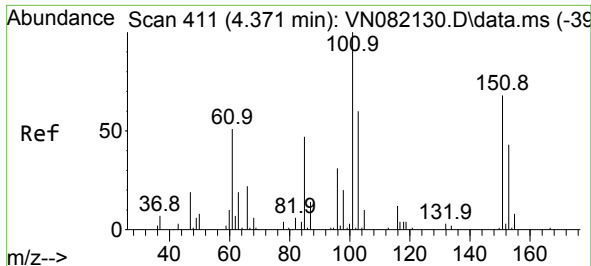
Tgt Ion:101 Resp: 3494
Ion Ratio Lower Upper
101 100
103 60.8 50.6 75.8



#8
Diethyl Ether
Concen: 0.819 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.012 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion: 74 Resp: 1125
Ion Ratio Lower Upper
74 100
45 156.2 42.4 127.3#

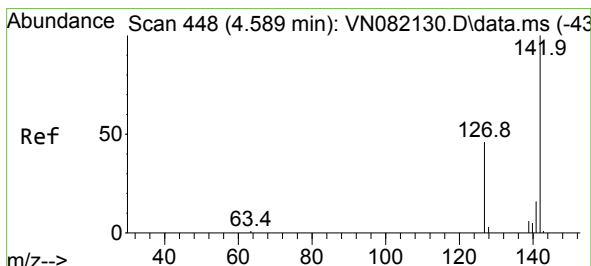
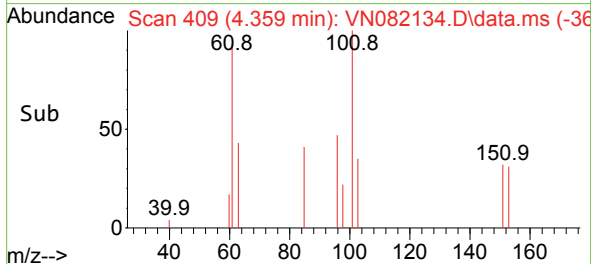
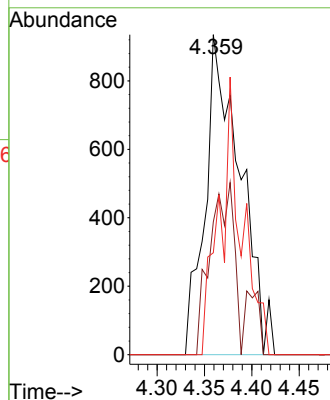
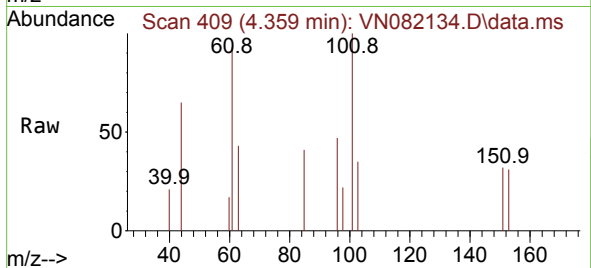




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.067 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

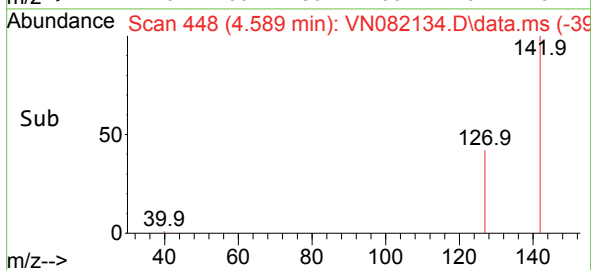
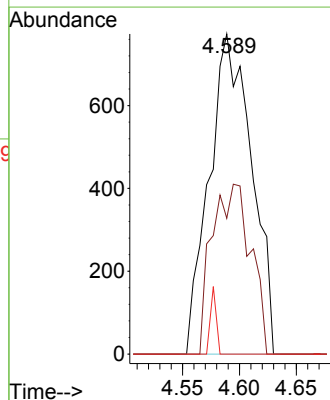
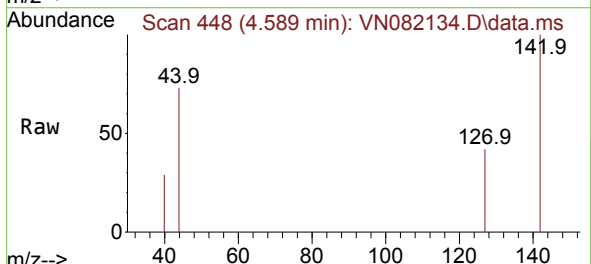
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:101 Resp: 2402
Ion Ratio Lower Upper
101 100
85 36.8 37.3 55.9#
151 55.1 59.2 88.8#



#10
Methyl Iodide
Concen: 0.887 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion:142 Resp: 2008
Ion Ratio Lower Upper
142 100
127 42.4 35.8 53.6
141 0.0 11.4 17.2#

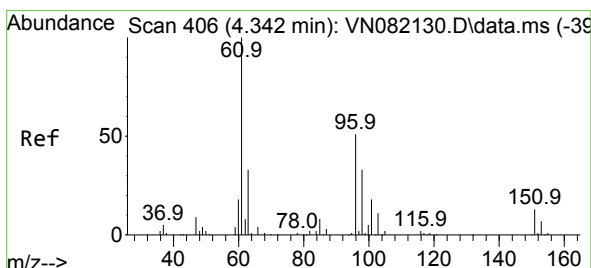
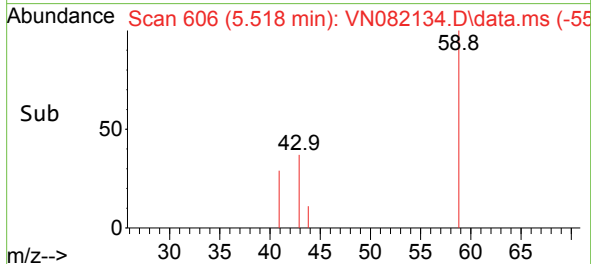
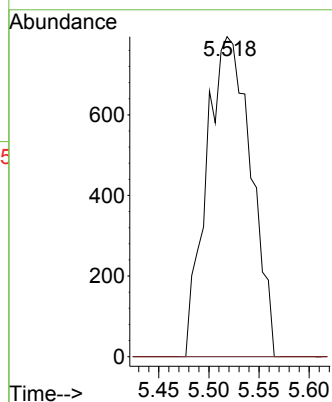
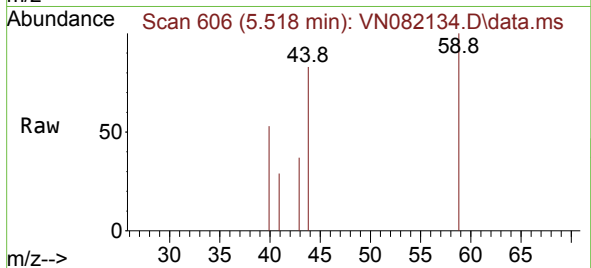




#11
Tert butyl alcohol
Concen: 5.031 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

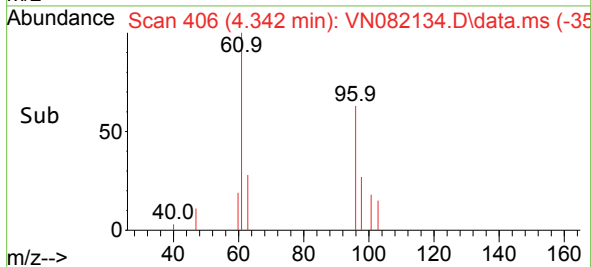
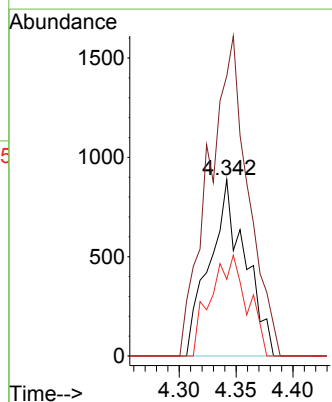
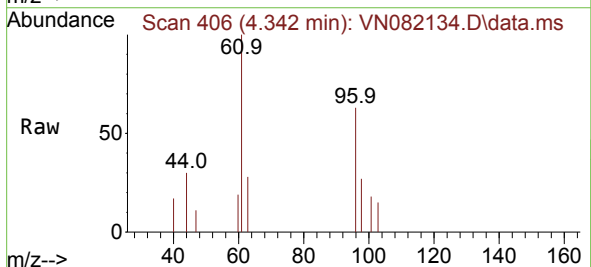
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

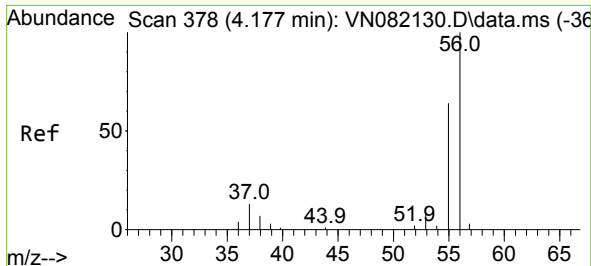
Tgt Ion: 59 Resp: 2443
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#12
1,1-Dichloroethene
Concen: 0.926 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion: 96 Resp: 1937
Ion Ratio Lower Upper
96 100
61 158.7 119.7 179.5
98 43.5 49.6 74.4#





#13

Acrolein

Concen: 2.395 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

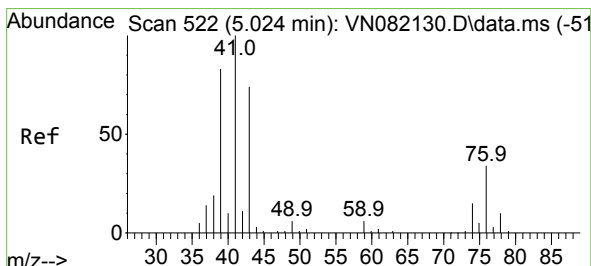
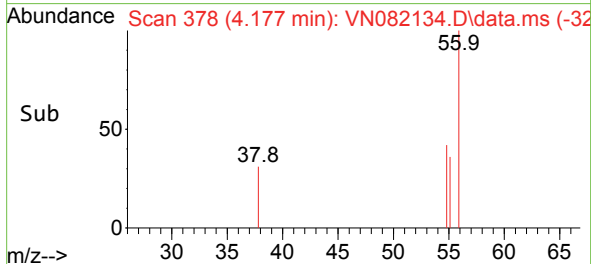
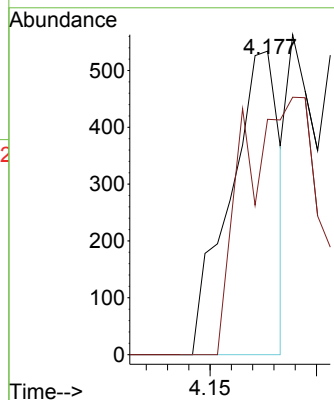
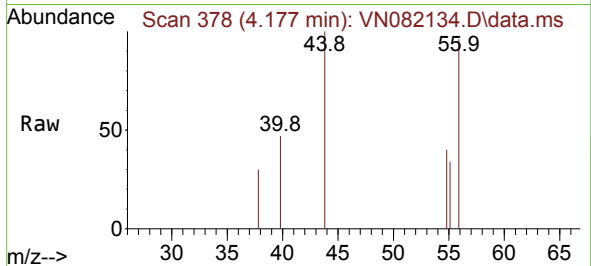
VSTDICC001

Tgt Ion: 56 Resp: 862

Ion Ratio Lower Upper

56 100

55 133.1 55.8 83.8#



#14

Allyl chloride

Concen: 1.095 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

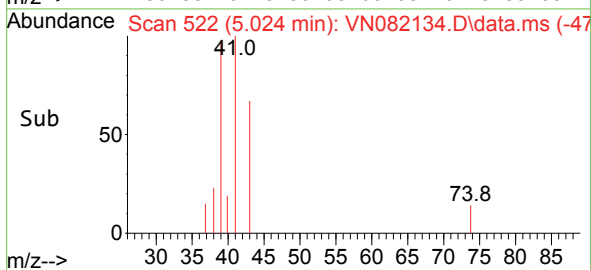
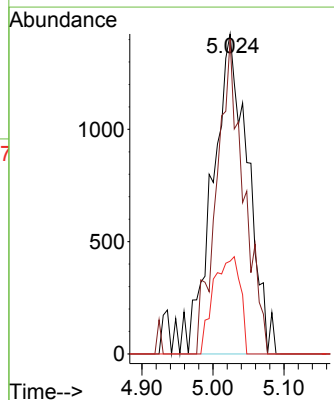
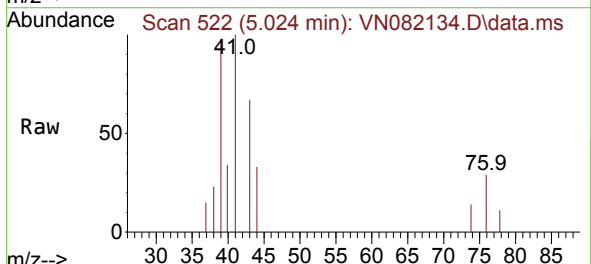
Tgt Ion: 41 Resp: 4905

Ion Ratio Lower Upper

41 100

39 76.0 65.4 98.0

76 23.1 37.3 55.9#

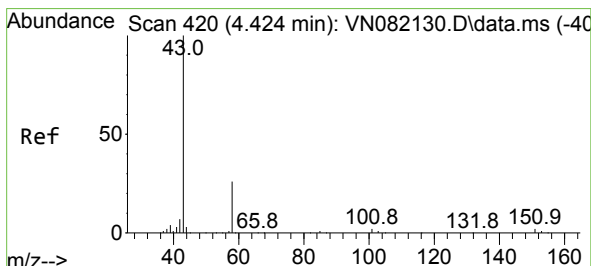
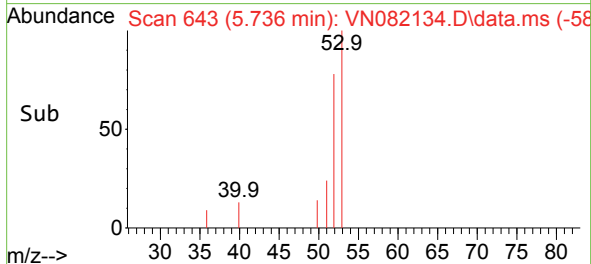
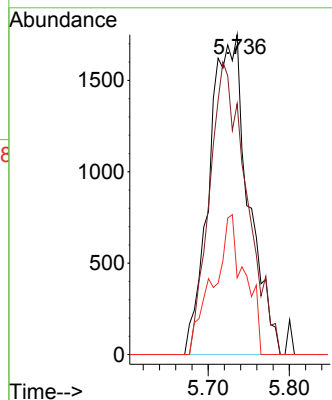
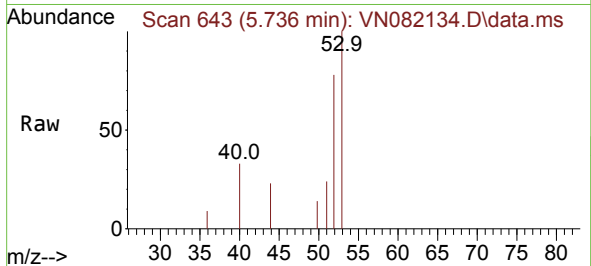




#15
Acrylonitrile
Concen: 4.611 ug/l
RT: 5.736 min Scan# 640
Delta R.T. 0.018 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

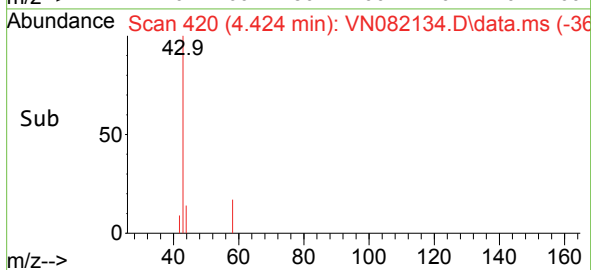
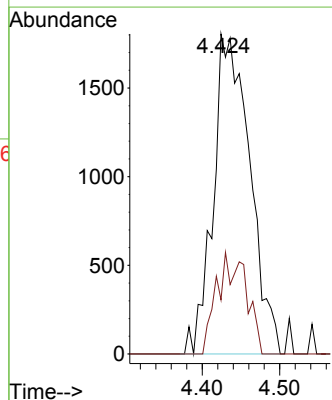
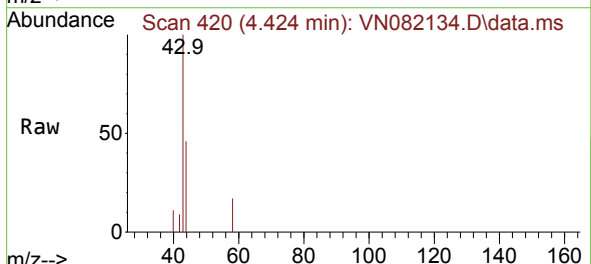
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

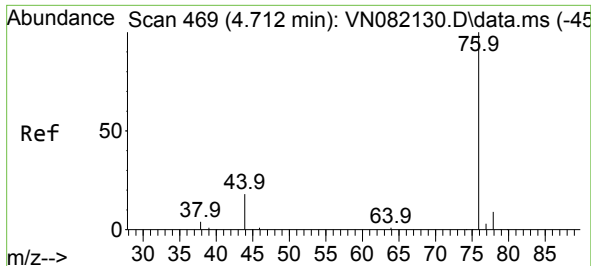
Tgt Ion: 53 Resp: 5800
Ion Ratio Lower Upper
53 100
52 88.0 66.1 99.1
51 35.9 29.4 44.2



#16
Acetone
Concen: 4.769 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion: 43 Resp: 5919
Ion Ratio Lower Upper
43 100
58 16.9 25.2 37.8#

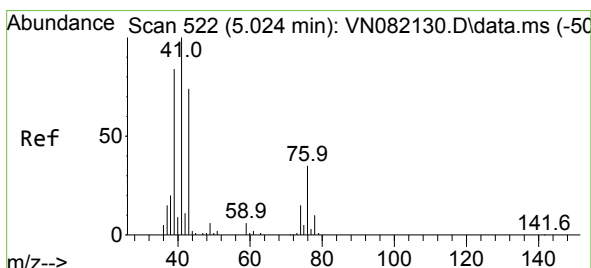
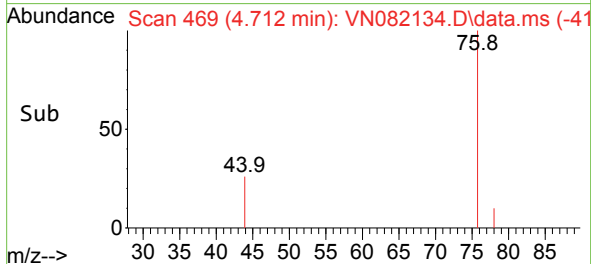
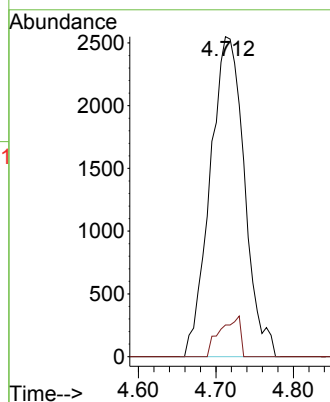
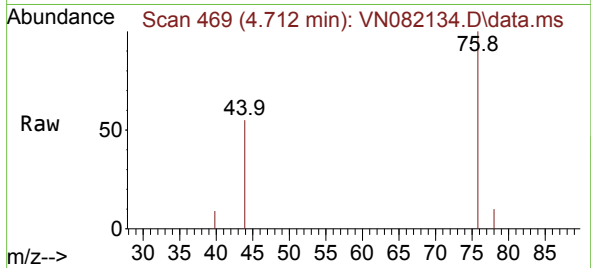




#17
Carbon Disulfide
Concen: 1.161 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

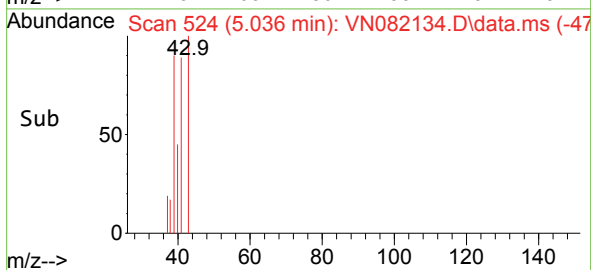
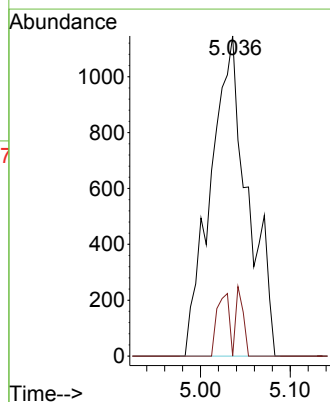
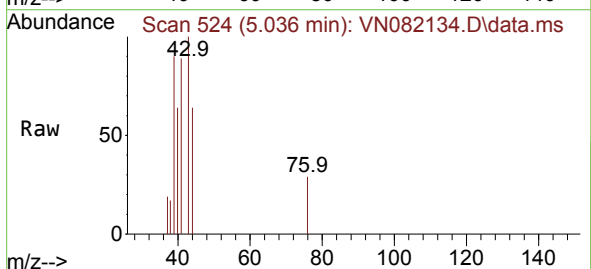
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

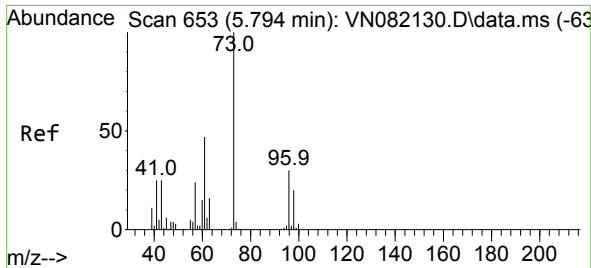
Tgt Ion: 76 Resp: 7847
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3



#18
Methyl Acetate
Concen: 1.066 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion: 43 Resp: 3296
Ion Ratio Lower Upper
43 100
74 4.3 22.2 33.2#

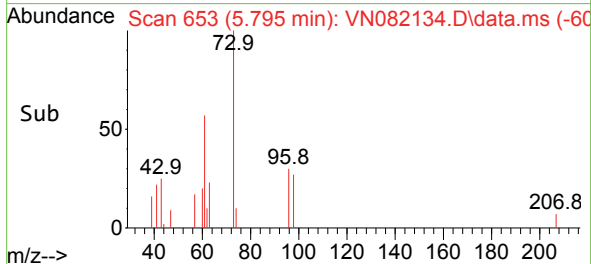
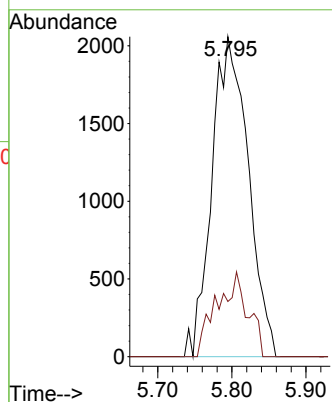
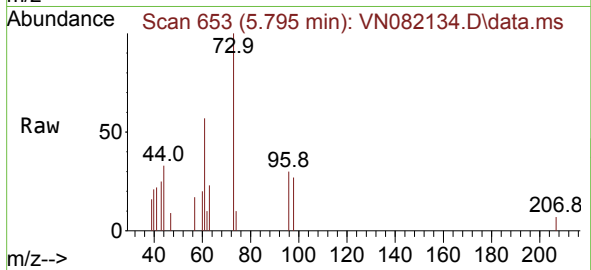




#19
Methyl tert-butyl Ether
Concen: 0.918 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

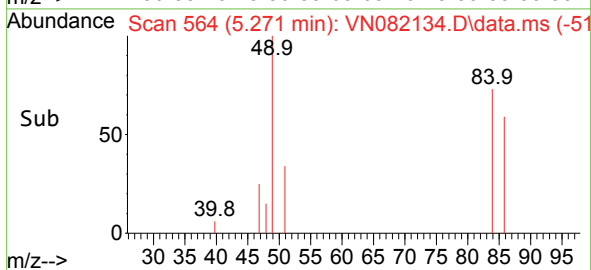
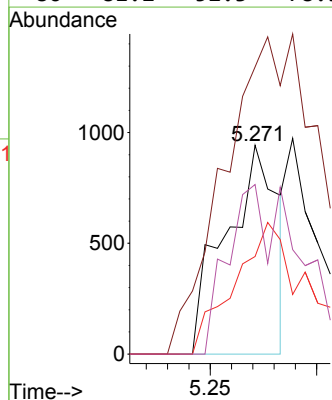
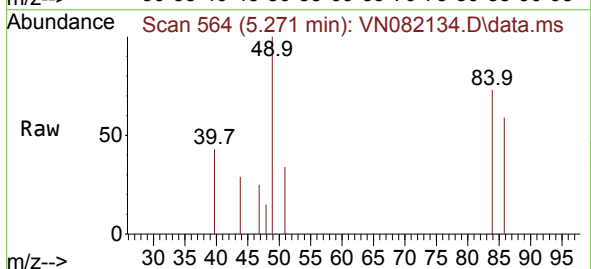
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

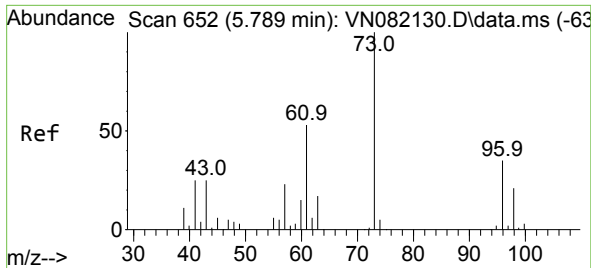
Tgt Ion: 73 Resp: 7020
Ion Ratio Lower Upper
73 100
57 17.2 16.5 24.7



#20
Methylene Chloride
Concen: 0.637 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion: 84 Resp: 1595
Ion Ratio Lower Upper
84 100
49 117.0 84.9 127.3
51 46.7 27.0 40.6#
86 81.2 52.3 78.5#

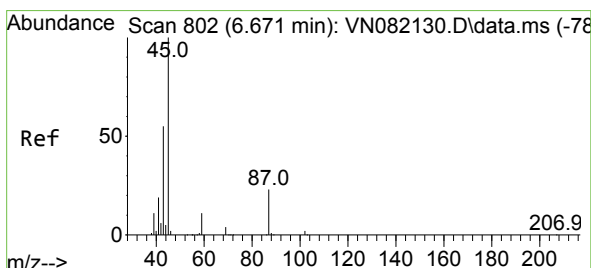
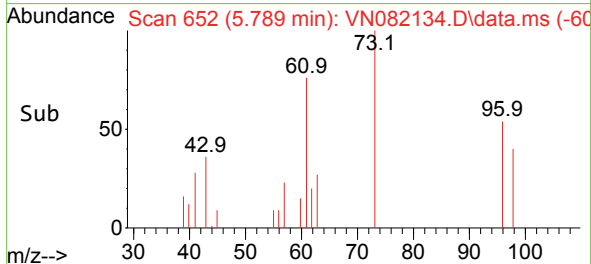
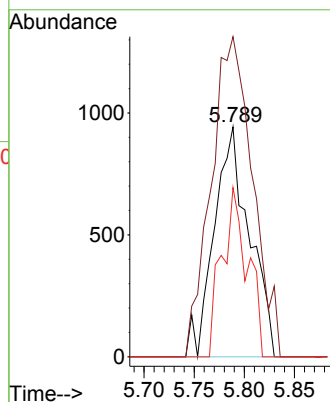
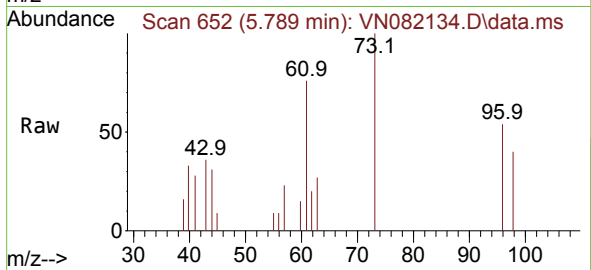




#21
trans-1,2-Dichloroethene
Concen: 1.010 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

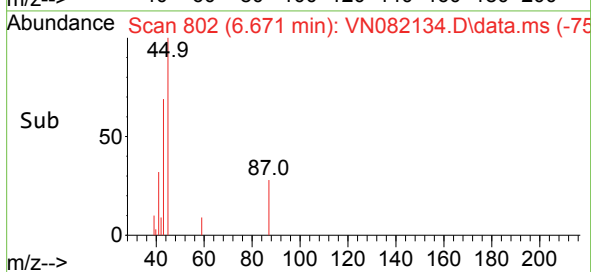
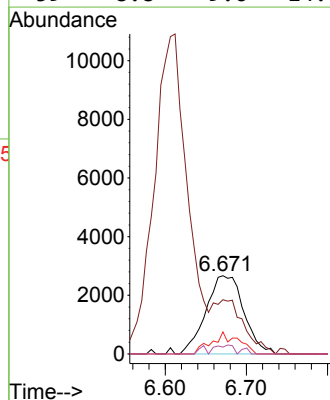
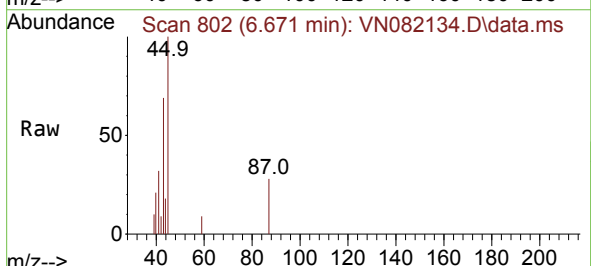
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

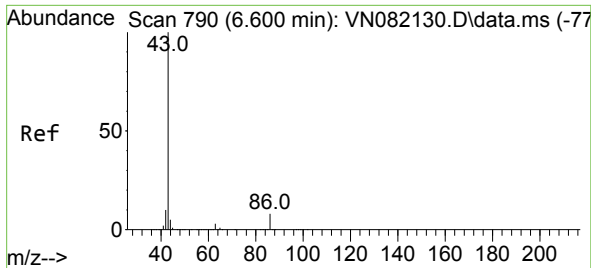
Tgt Ion: 96 Resp: 2302
Ion Ratio Lower Upper
96 100
61 139.2 96.5 144.7
98 73.6 51.3 76.9



#22
Diisopropyl ether
Concen: 0.923 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion: 45 Resp: 8636
Ion Ratio Lower Upper
45 100
43 62.2 44.1 66.1
87 28.3 27.0 40.6
59 8.8 9.6 14.4#

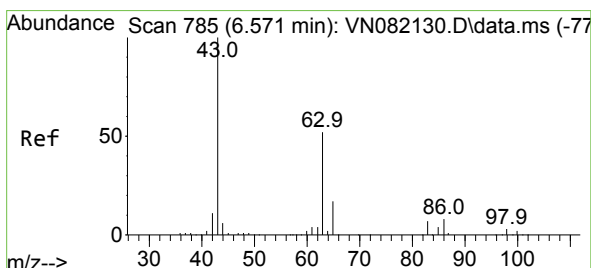
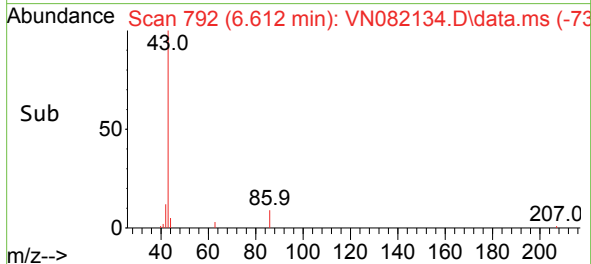
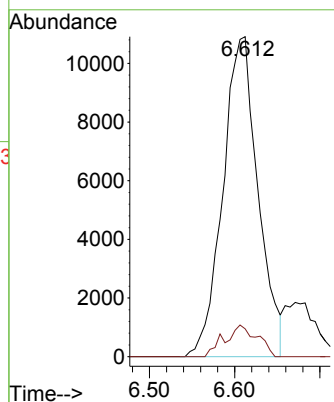
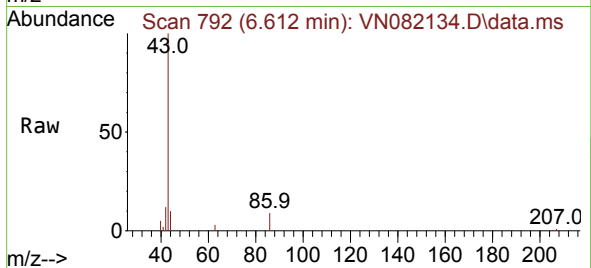




#23
 Vinyl Acetate
 Concen: 4.235 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN082134.D
 Acq: 15 May 2024 15:24

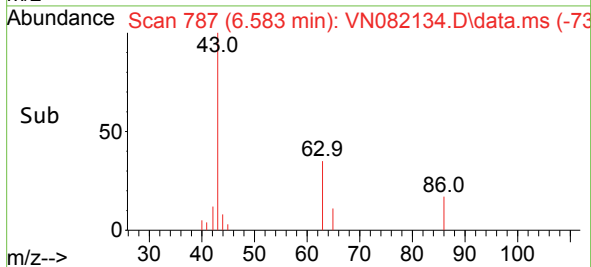
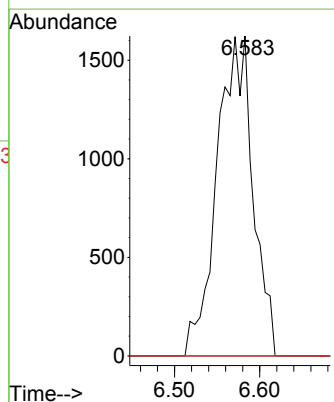
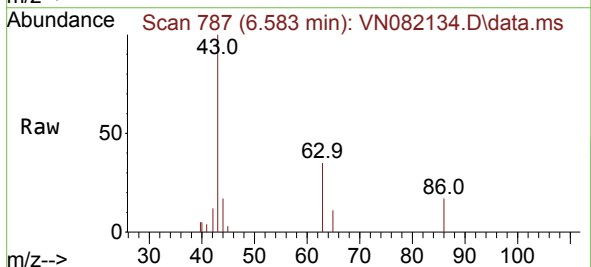
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

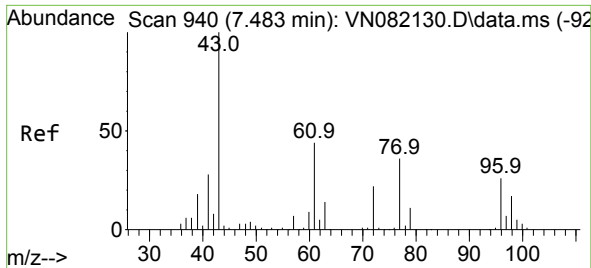
Tgt Ion: 43 Resp: 31235
 Ion Ratio Lower Upper
 43 100
 86 8.7 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 0.986 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.012 min
 Lab File: VN082134.D
 Acq: 15 May 2024 15:24

Tgt Ion: 63 Resp: 4754
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.6 7.8#

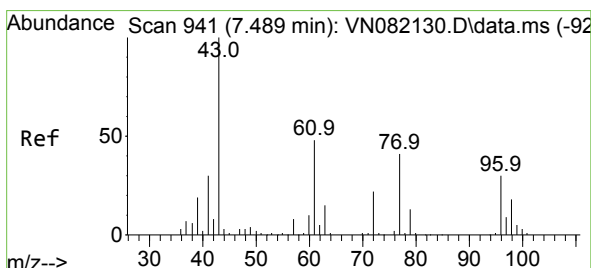
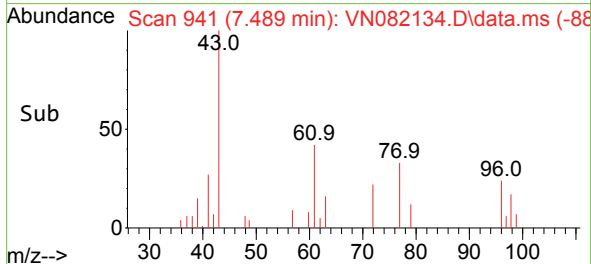
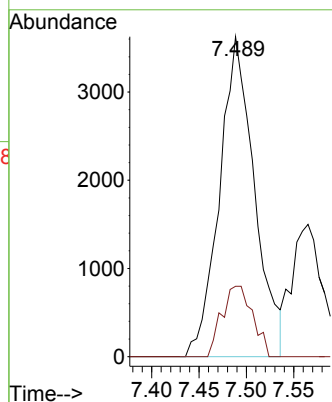
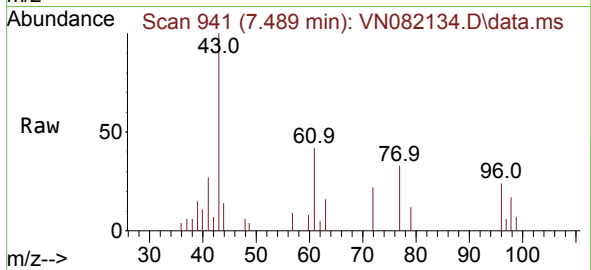




#25
2-Butanone
Concen: 4.954 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

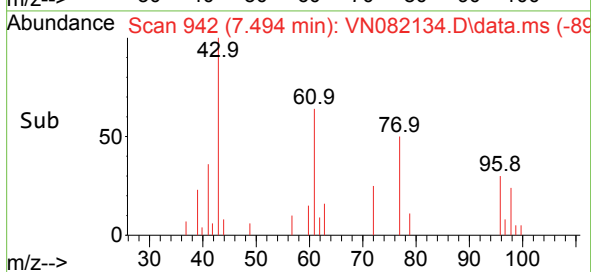
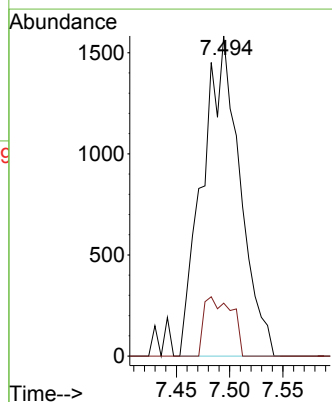
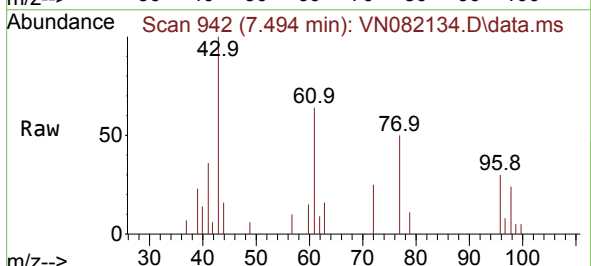
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

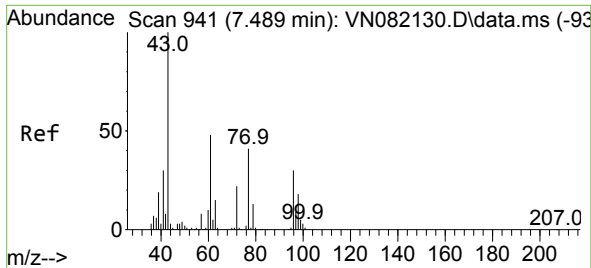
Tgt Ion: 43 Resp: 9322
Ion Ratio Lower Upper
43 100
72 22.0 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 0.956 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion: 77 Resp: 3861
Ion Ratio Lower Upper
77 100
97 13.9 11.3 33.9

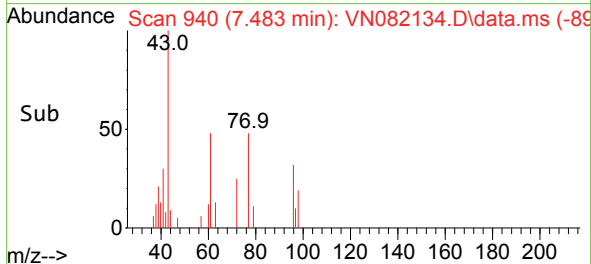
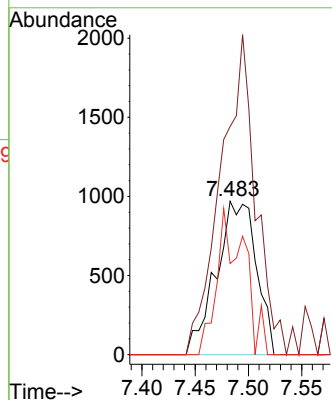
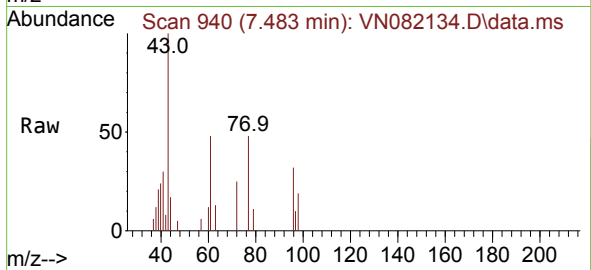




#27
 cis-1,2-Dichloroethene
 Concen: 0.946 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN082134.D
 Acq: 15 May 2024 15:24

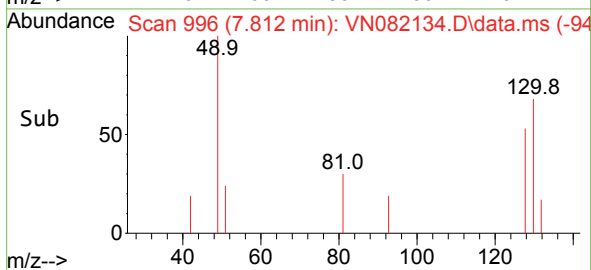
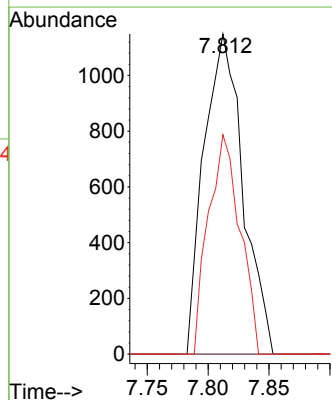
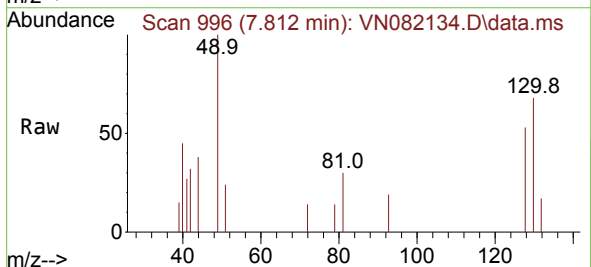
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

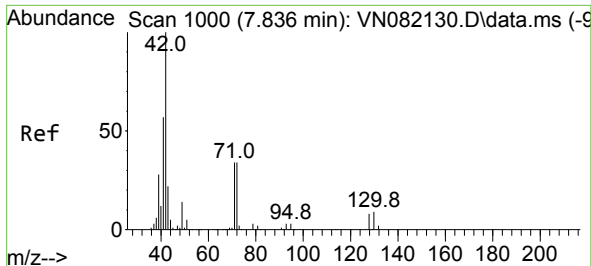
Tgt Ion: 96 Resp: 2546
 Ion Ratio Lower Upper
 96 100
 61 180.5 0.0 268.0
 98 64.7 0.0 126.8



#28
 Bromochloromethane
 Concen: 1.024 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082134.D
 Acq: 15 May 2024 15:24

Tgt Ion: 49 Resp: 2558
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 55.7 66.7 100.1#





#29

Tetrahydrofuran

Concen: 4.591 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

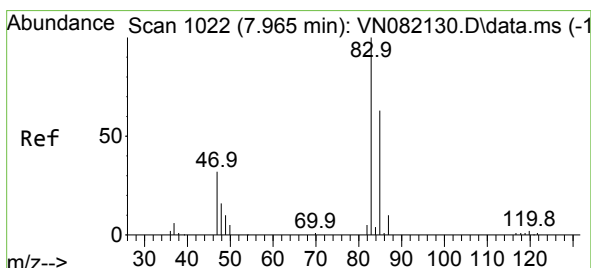
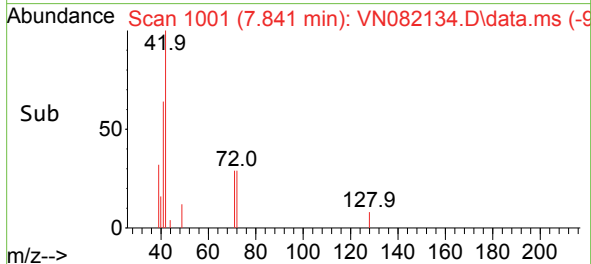
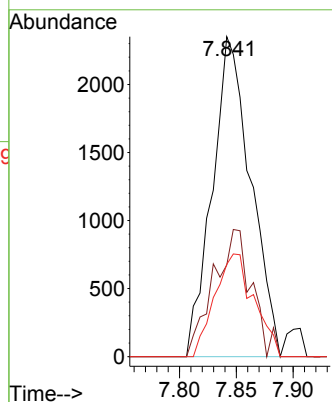
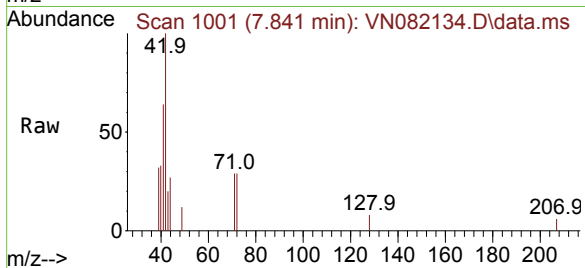
Tgt Ion: 42 Resp: 5547

Ion Ratio Lower Upper

42 100

72 39.1 39.3 58.9#

71 32.6 37.4 56.0#



#30

Chloroform

Concen: 0.974 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN082134.D

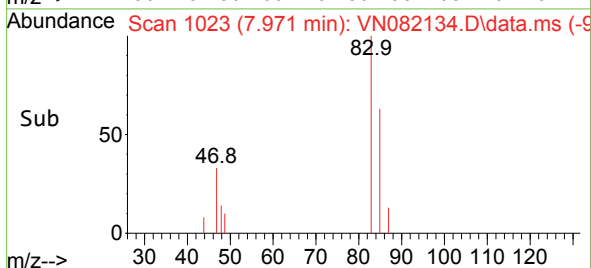
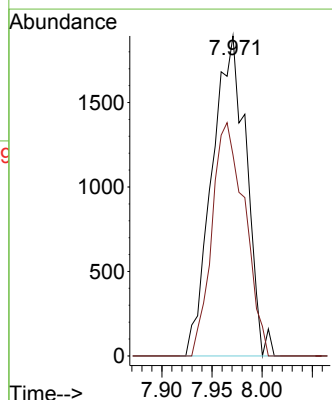
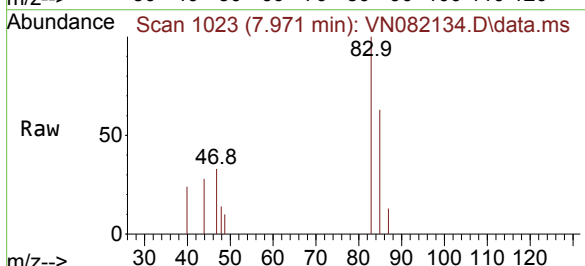
Acq: 15 May 2024 15:24

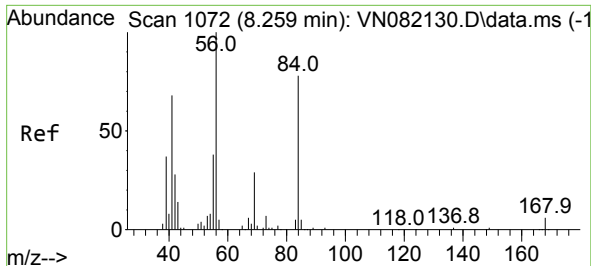
Tgt Ion: 83 Resp: 4485

Ion Ratio Lower Upper

83 100

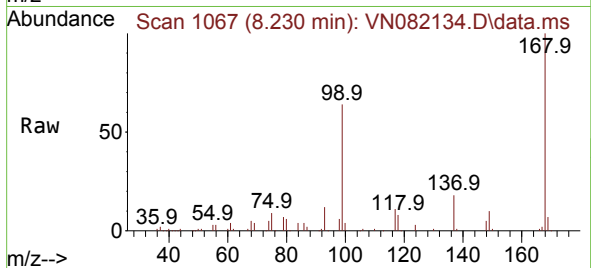
85 62.8 50.7 76.1



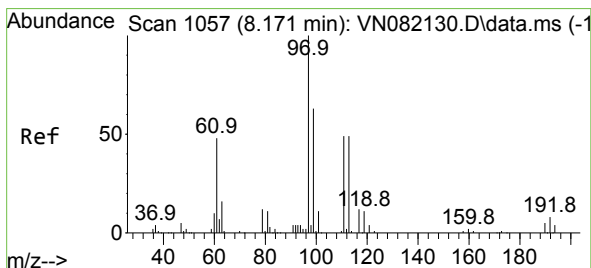
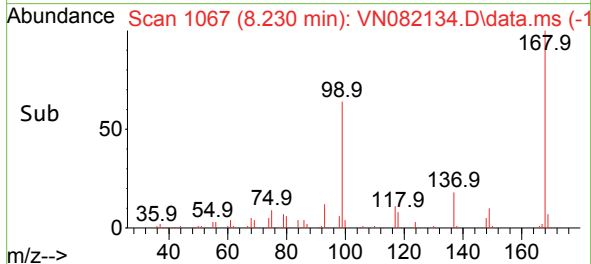
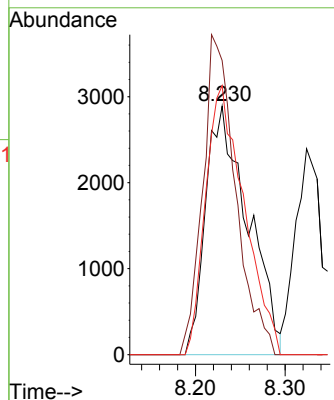


#31
Cyclohexane
Concen: 1.951 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

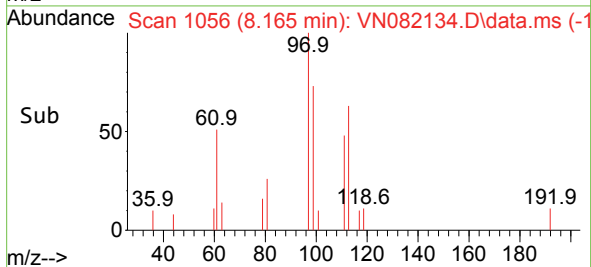
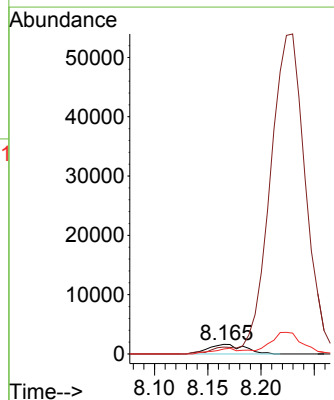
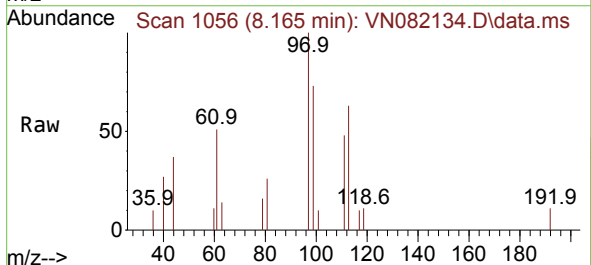


Tgt Ion: 56 Resp: 9426
Ion Ratio Lower Upper
56 100
69 118.4 24.4 36.6#
84 108.3 77.0 115.4



#32
1,1,1-Trichloroethane
Concen: 0.950 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion: 97 Resp: 3881
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 40.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 1.047 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

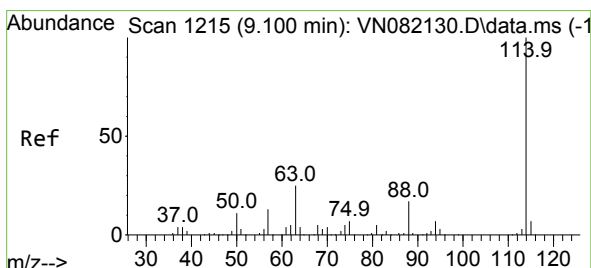
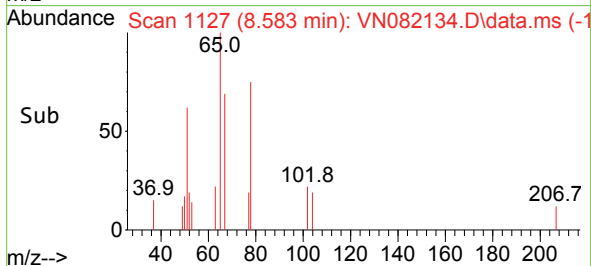
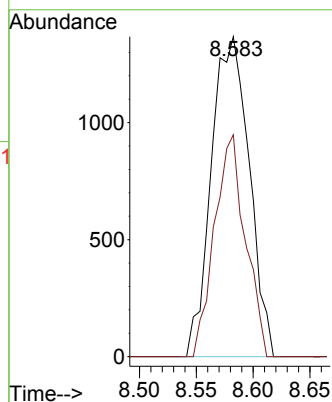
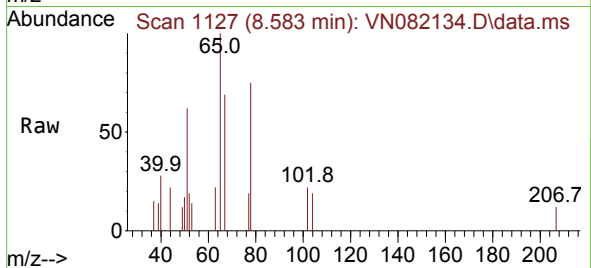
VSTDIC001

Tgt Ion: 65 Resp: 3168

Ion Ratio Lower Upper

65 100

67 56.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

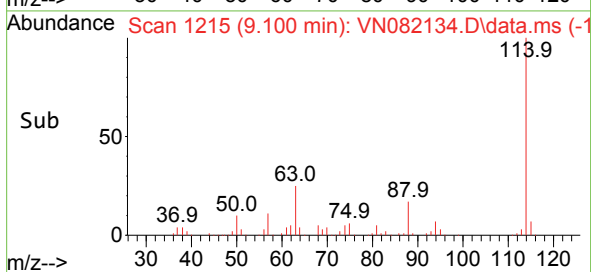
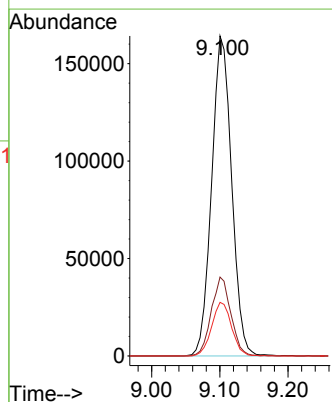
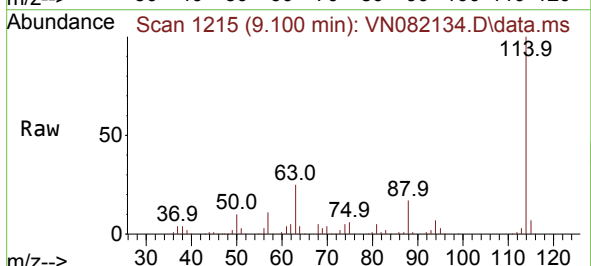
Tgt Ion: 114 Resp: 335680

Ion Ratio Lower Upper

114 100

63 24.6 0.0 41.0

88 16.7 0.0 31.4

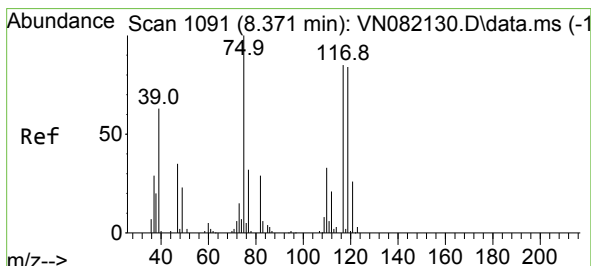
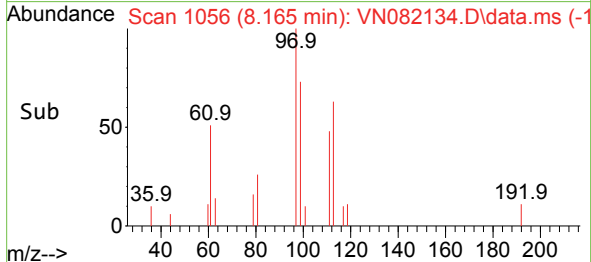
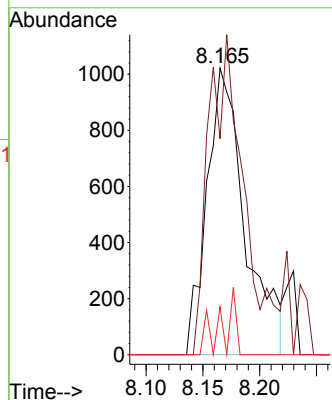
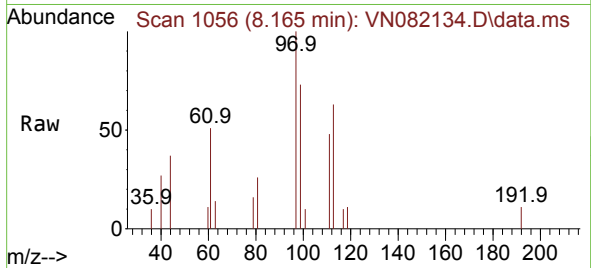




#35
Dibromofluoromethane
Concen: 1.157 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

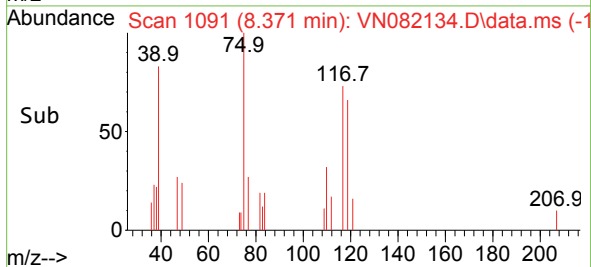
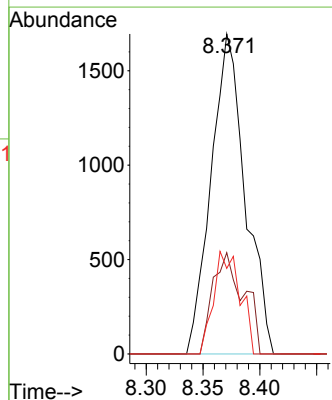
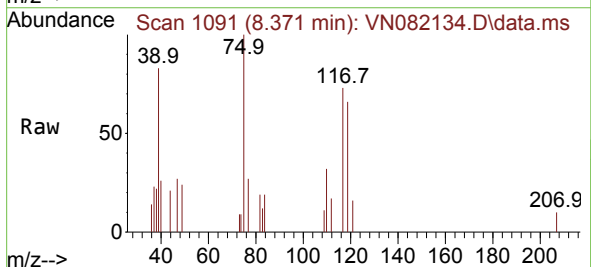
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

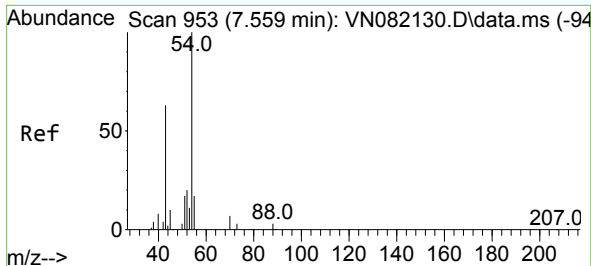
Tgt Ion: 113 Resp: 2390
Ion Ratio Lower Upper
113 100
111 101.8 83.4 125.2
192 2.5 14.0 21.0#



#36
1,1-Dichloropropene
Concen: 1.023 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion: 75 Resp: 3544
Ion Ratio Lower Upper
75 100
110 28.7 17.8 53.5
77 24.8 25.0 37.4#

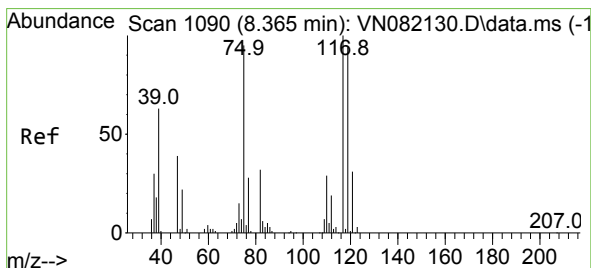
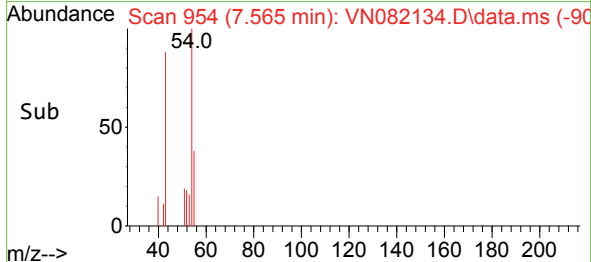
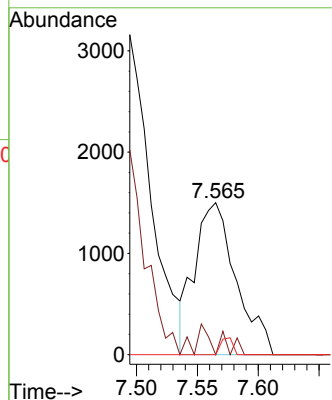
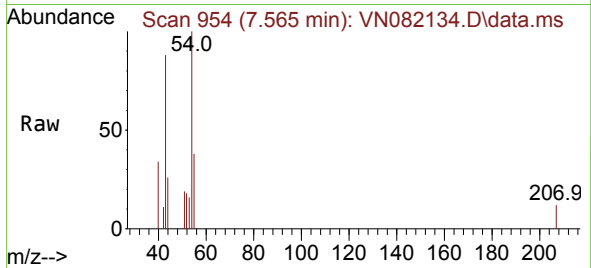




#37
Ethyl Acetate
Concen: 0.915 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

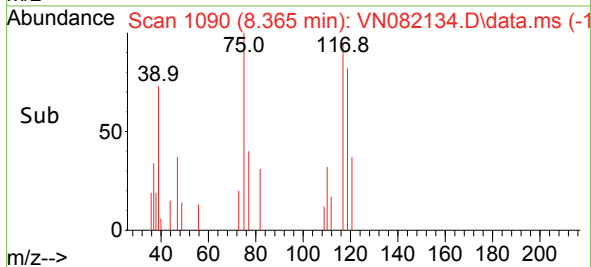
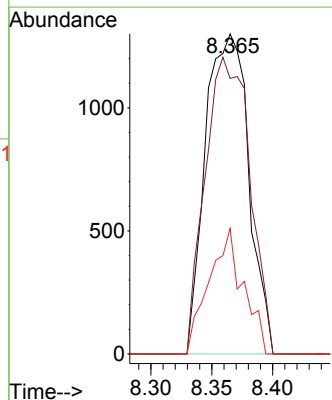
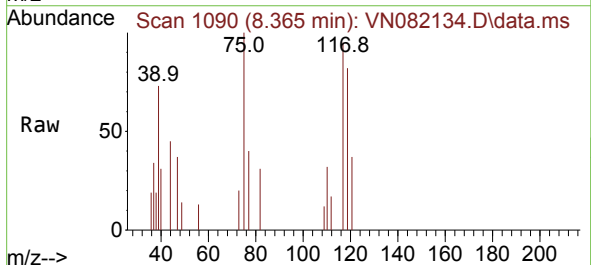
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

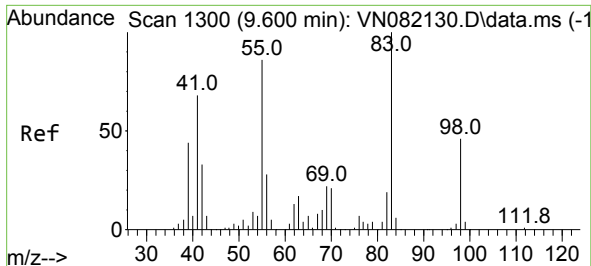
Tgt Ion: 43 Resp: 3545
Ion Ratio Lower Upper
43 100
61 3.9 11.3 16.9#
70 3.2 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 0.914 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion: 117 Resp: 3210
Ion Ratio Lower Upper
117 100
119 86.1 76.5 114.7
121 39.2 23.9 35.9#





#39

Methylcyclohexane

Concen: 0.881 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

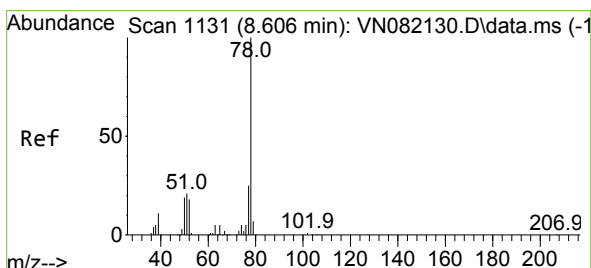
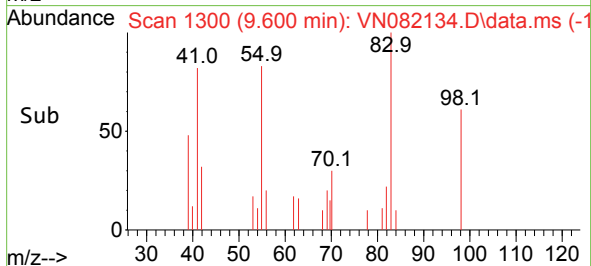
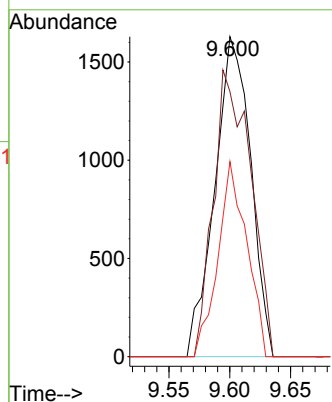
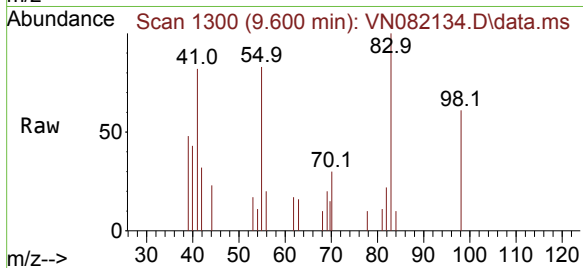
Tgt Ion: 83 Resp: 3345

Ion Ratio Lower Upper

83 100

55 82.8 53.0 79.6#

98 61.0 37.1 55.7#



#40

Benzene

Concen: 0.927 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN082134.D

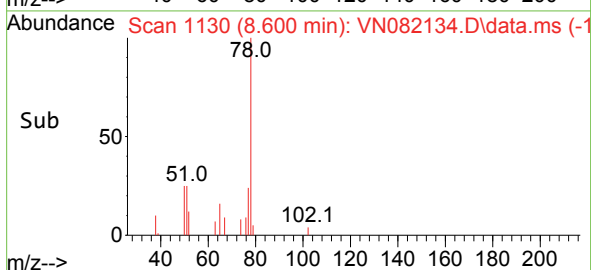
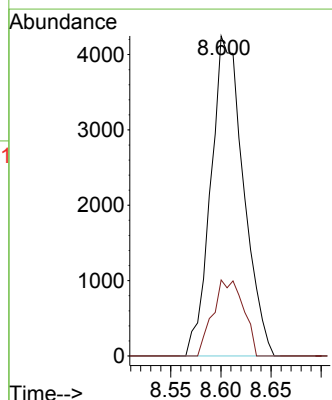
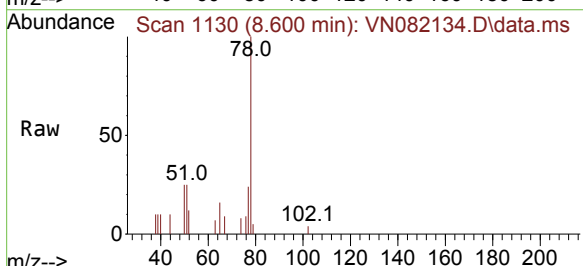
Acq: 15 May 2024 15:24

Tgt Ion: 78 Resp: 9569

Ion Ratio Lower Upper

78 100

77 23.7 20.0 30.0

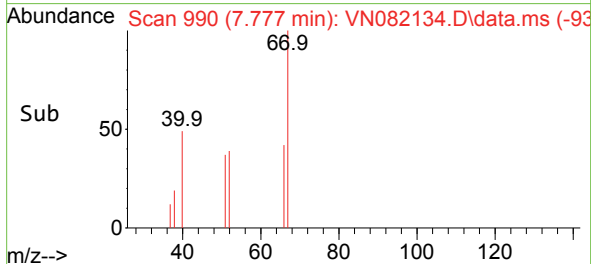
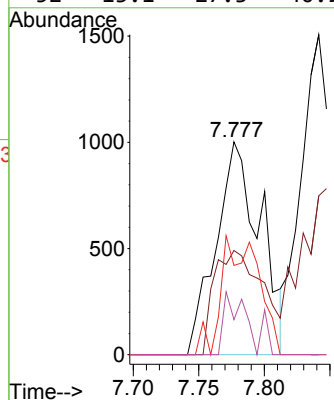
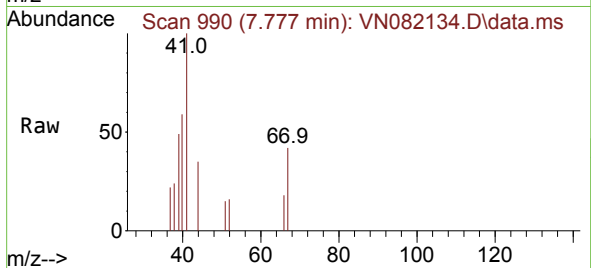




#41
Methacrylonitrile
Concen: 1.038 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

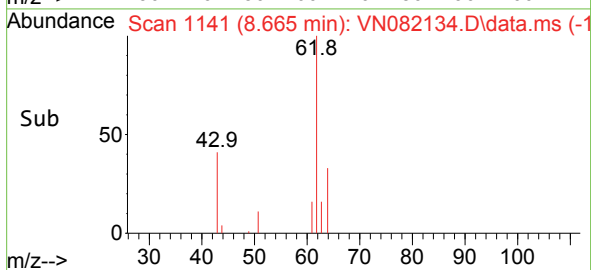
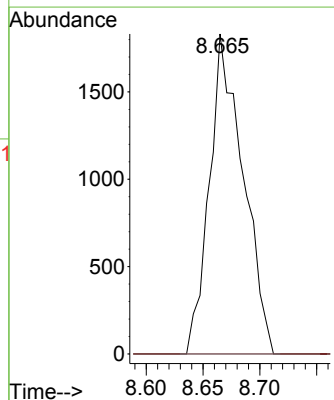
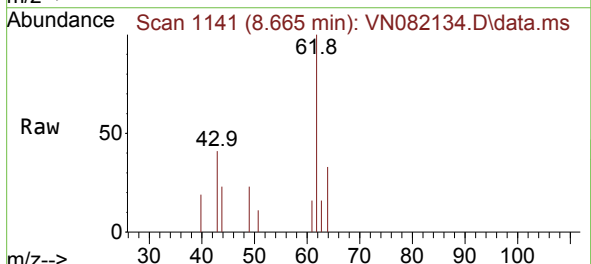
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

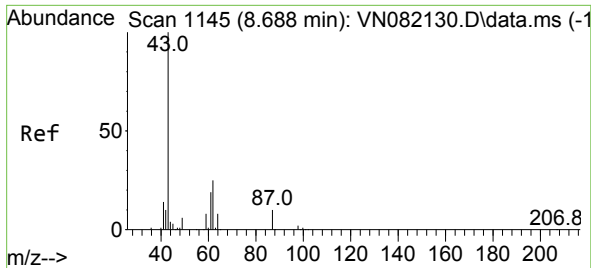
Tgt Ion:	41	Resp:	2365
Ion	Ratio	Lower	Upper
41	100		
39	54.1	46.6	69.8
67	46.7	67.3	100.9#
52	13.1	27.3	40.9#



#42
1,2-Dichloroethane
Concen: 0.951 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion:	62	Resp:	3776
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.6

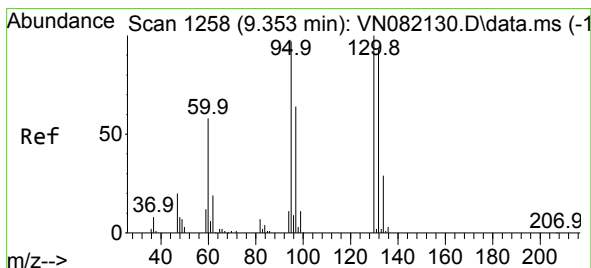
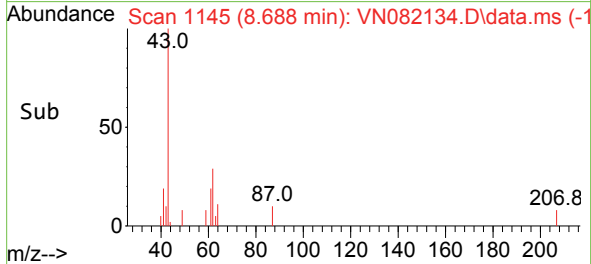
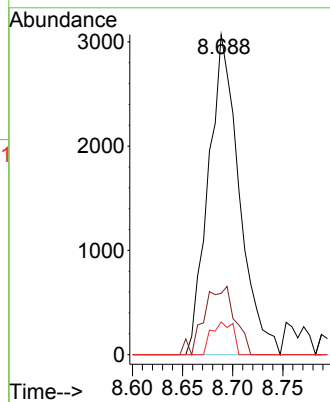
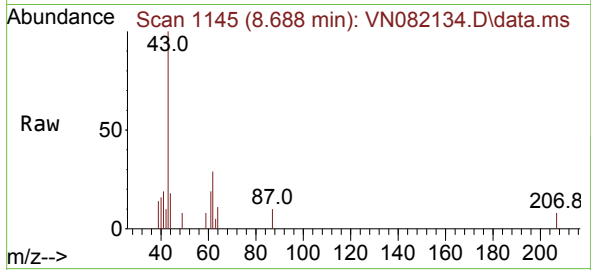




#43
Isopropyl Acetate
Concen: 0.955 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

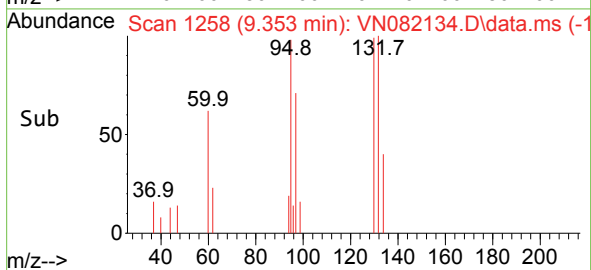
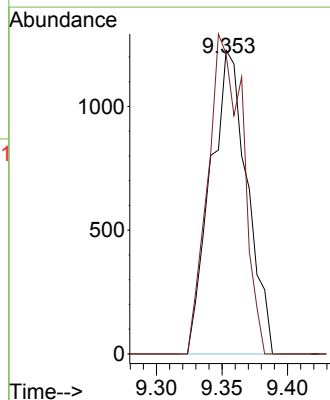
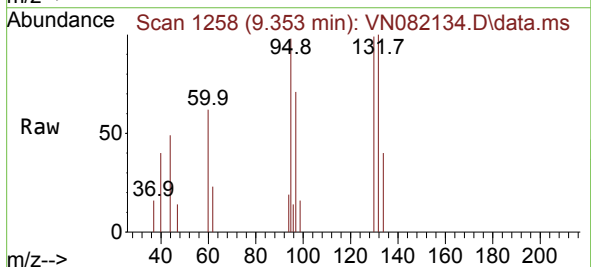
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 6561
Ion Ratio Lower Upper
43 100
61 21.5 22.8 34.2#
87 7.2 12.0 18.0#



#44
Trichloroethene
Concen: 1.016 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion:130 Resp: 2384
Ion Ratio Lower Upper
130 100
95 98.8 0.0 195.4





#45

1,2-Dichloropropane

Concen: 0.980 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

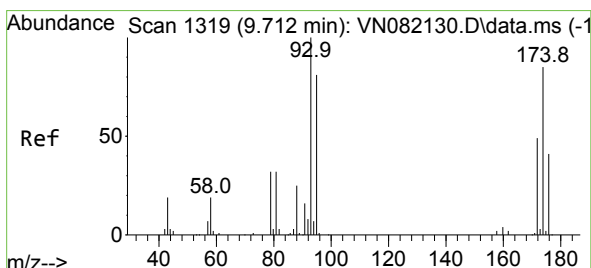
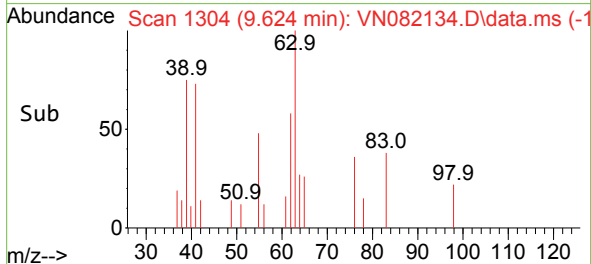
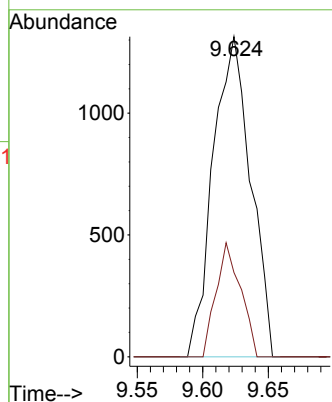
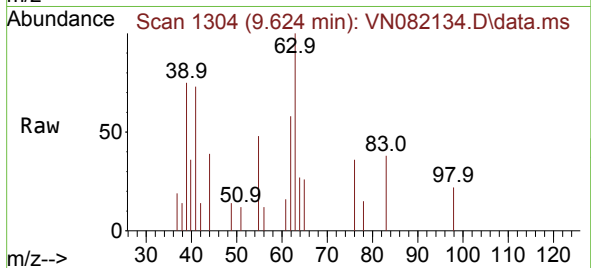
VSTDIC001

Tgt Ion: 63 Resp: 2612

Ion Ratio Lower Upper

63 100

65 26.3 24.1 36.1



#46

Dibromomethane

Concen: 0.961 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.012 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

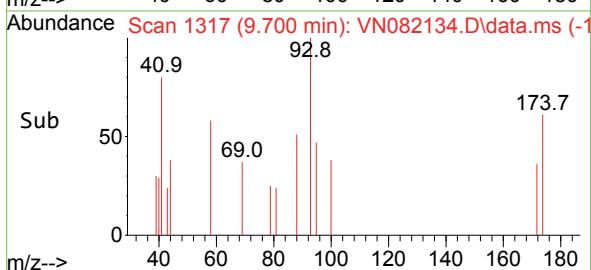
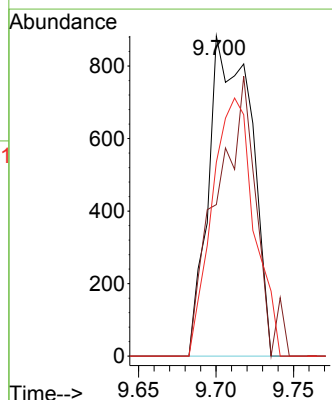
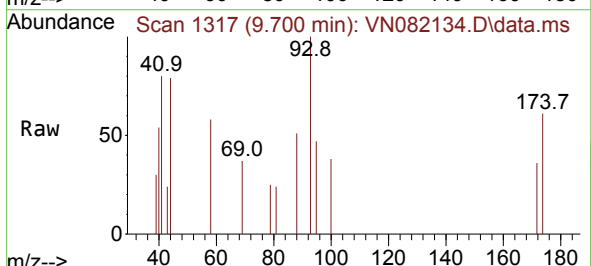
Tgt Ion: 93 Resp: 1682

Ion Ratio Lower Upper

93 100

95 80.8 64.8 97.2

174 80.1 73.4 110.0





#47

Bromodichloromethane

Concen: 0.899 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

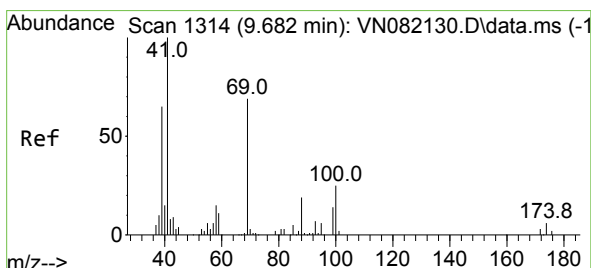
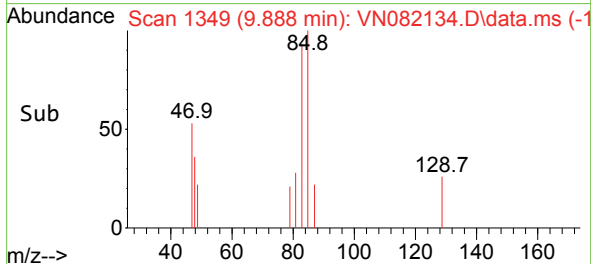
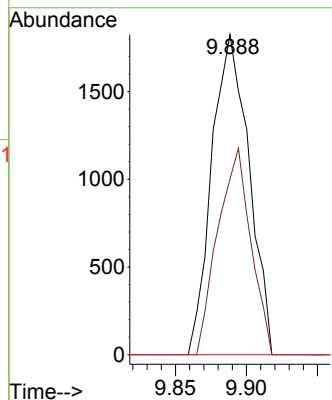
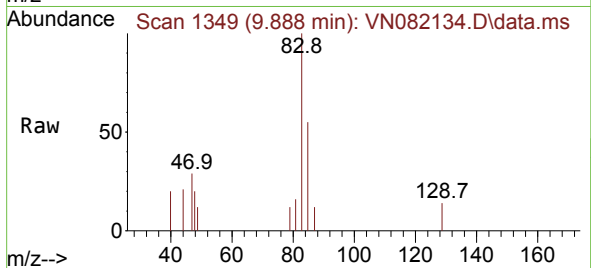
Tgt Ion: 83 Resp: 3319

Ion Ratio Lower Upper

83 100

85 54.8 51.9 77.9

127 0.0 7.5 11.3#



#48

Methyl methacrylate

Concen: 0.928 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

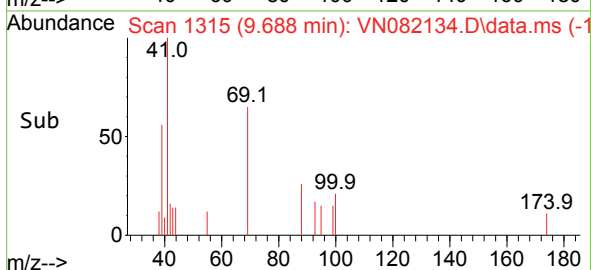
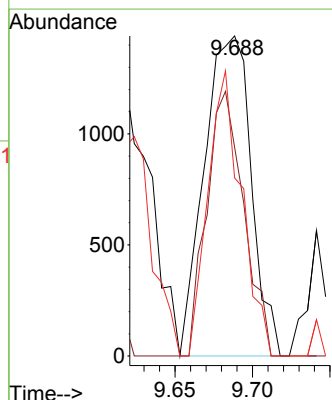
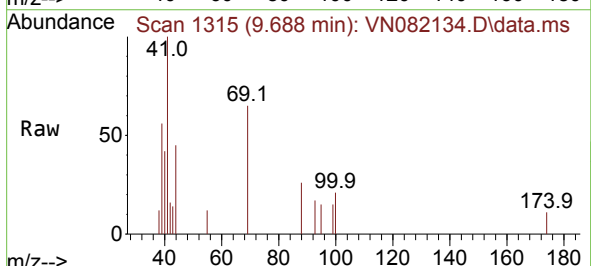
Tgt Ion: 41 Resp: 3037

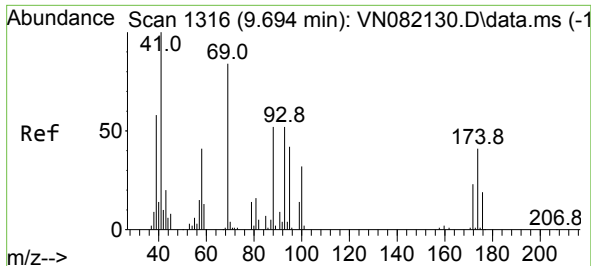
Ion Ratio Lower Upper

41 100

69 65.4 77.9 116.9#

39 63.6 50.9 76.3





#49

1,4-Dioxane

Concen: 16.923 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082134.D

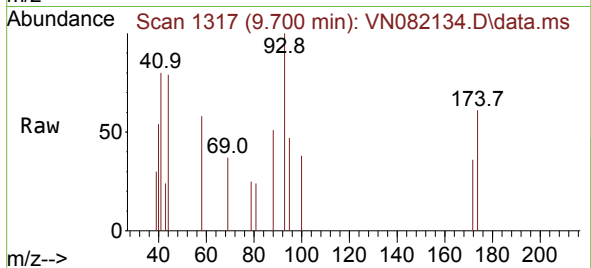
Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001



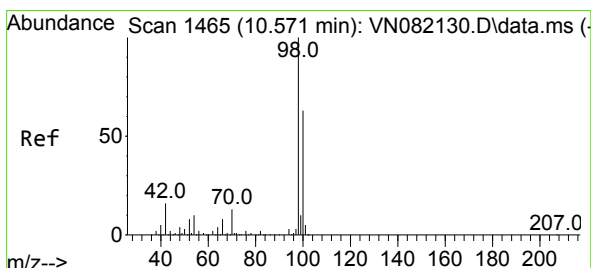
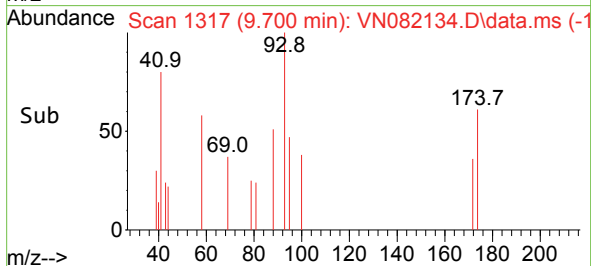
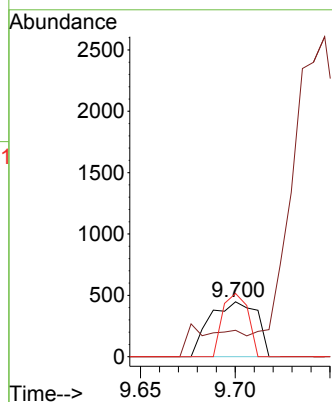
Tgt Ion: 88 Resp: 776

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 62.2 50.6 76.0



#50

Toluene-d8

Concen: 1.048 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082134.D

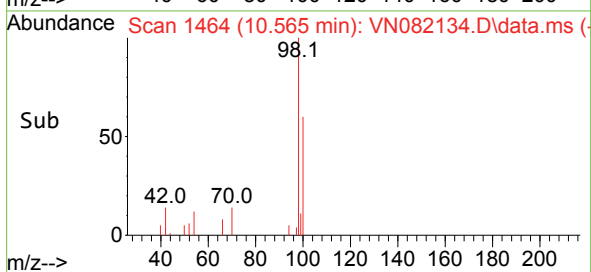
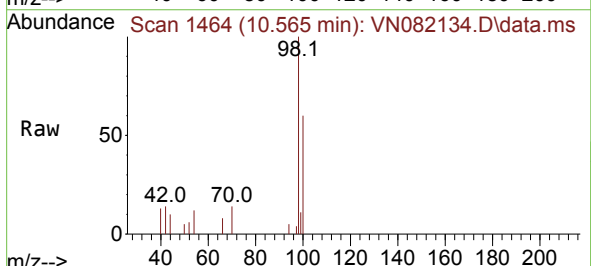
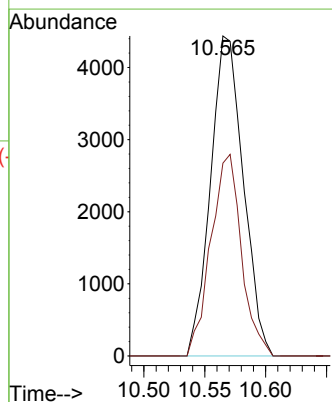
Acq: 15 May 2024 15:24

Tgt Ion: 98 Resp: 8297

Ion Ratio Lower Upper

98 100

100 58.9 51.8 77.6

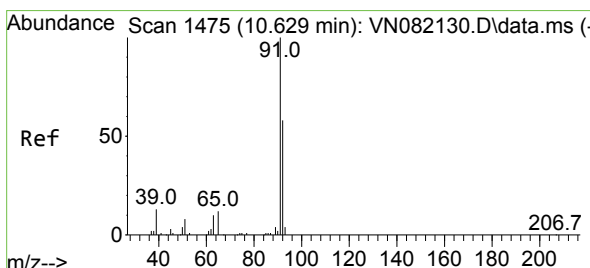
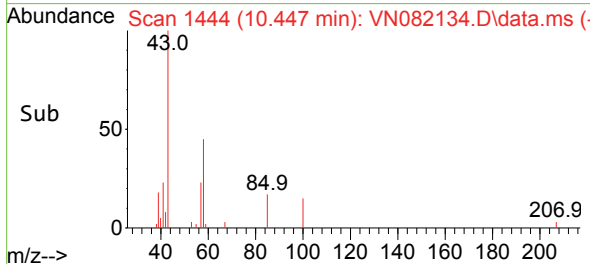
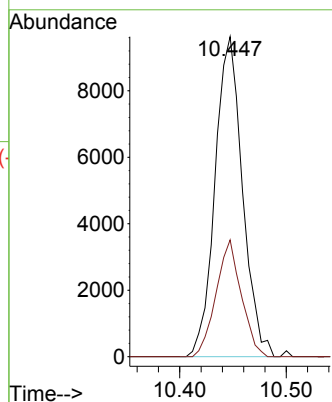
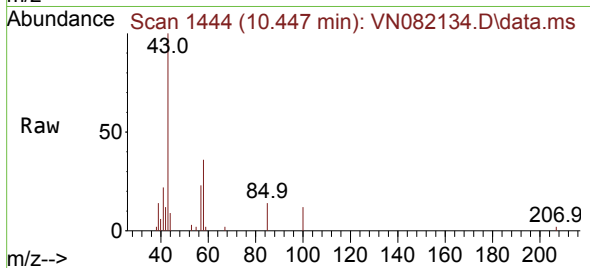




#51
4-Methyl-2-Pentanone
Concen: 4.418 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

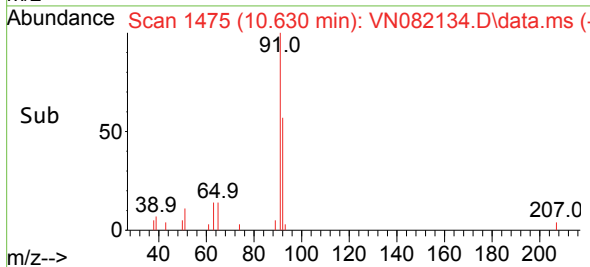
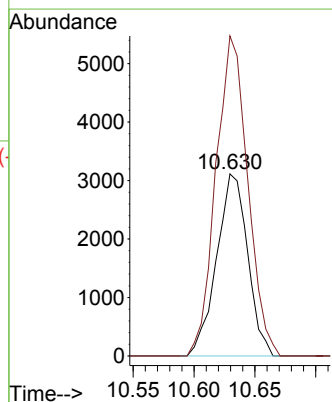
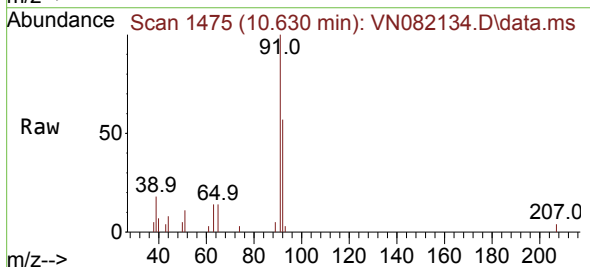
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

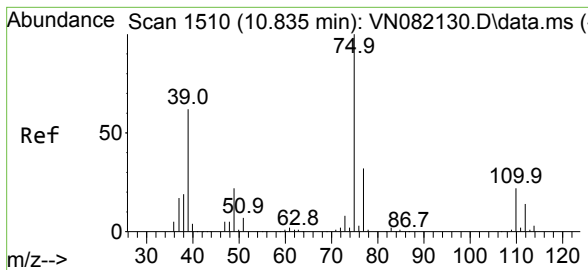
Tgt Ion: 43 Resp: 17237
Ion Ratio Lower Upper
43 100
58 33.4 33.2 49.8



#52
Toluene
Concen: 0.889 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion: 92 Resp: 5511
Ion Ratio Lower Upper
92 100
91 180.6 136.7 205.1

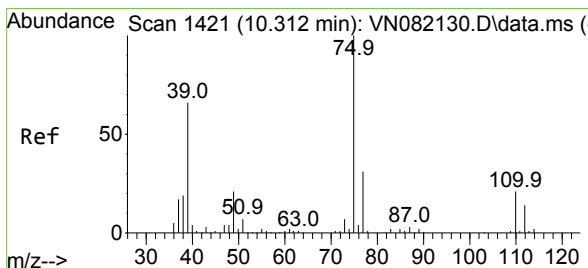
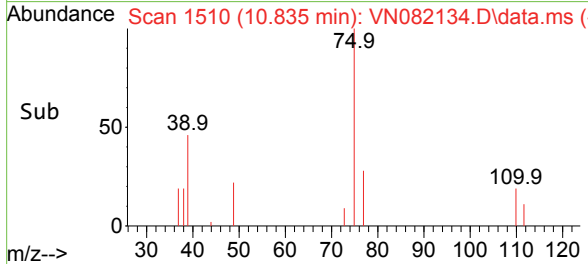
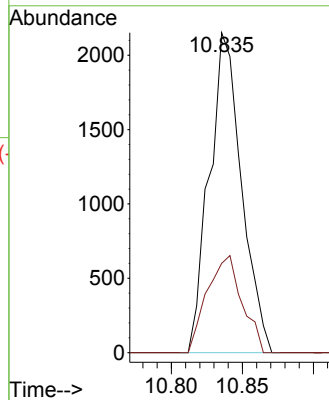
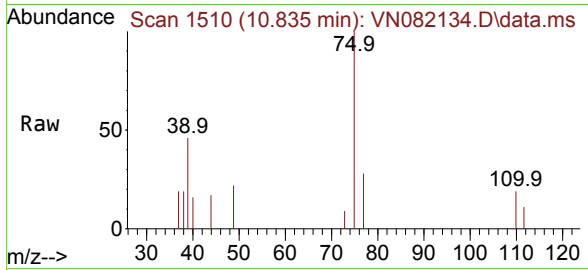




#53
 t-1,3-Dichloropropene
 Concen: 0.888 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN082134.D
 Acq: 15 May 2024 15:24

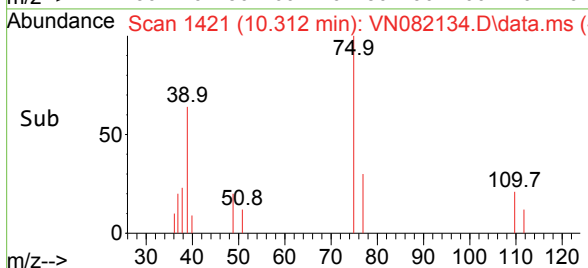
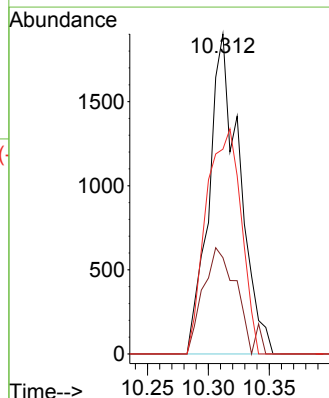
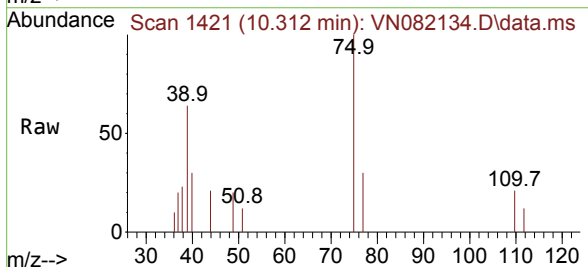
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

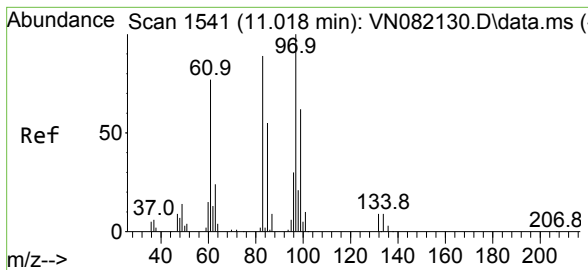
Tgt Ion: 75 Resp: 3390
 Ion Ratio Lower Upper
 75 100
 77 27.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 0.821 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN082134.D
 Acq: 15 May 2024 15:24

Tgt Ion: 75 Resp: 3320
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.0 37.4
 39 64.0 34.8 52.2#

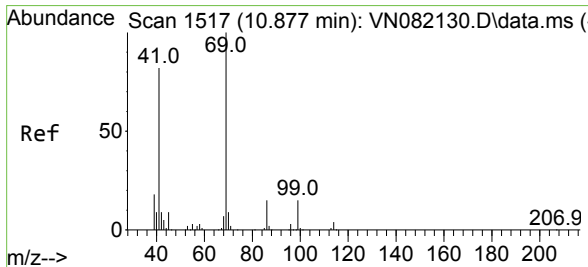
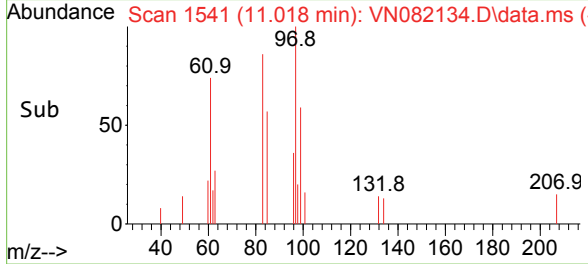
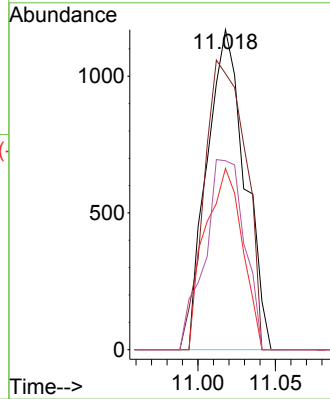
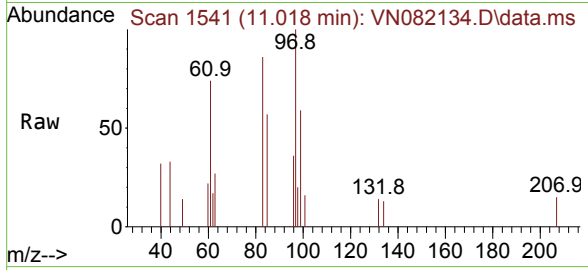




#55
1,1,2-Trichloroethane
Concen: 0.881 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

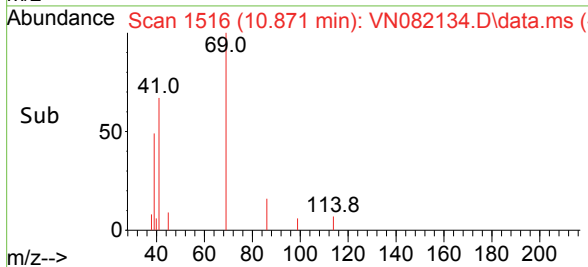
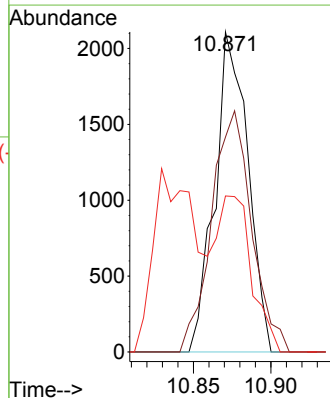
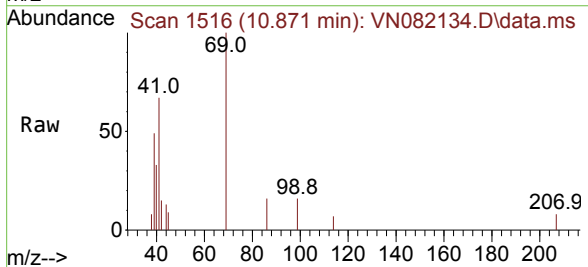
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

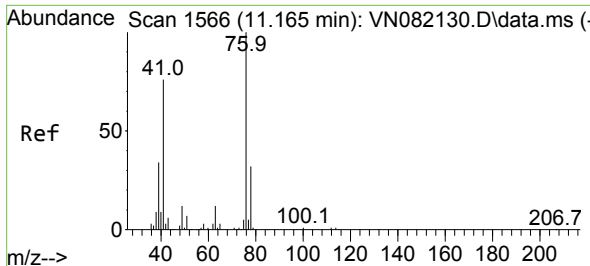
Tgt Ion:	97	Resp:	1984
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.4	105.6
85	56.7	45.6	68.4
99	59.1	50.9	76.3



#56
Ethyl methacrylate
Concen: 0.816 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion:	69	Resp:	3121
Ion	Ratio	Lower	Upper
69	100		
41	91.6	46.6	70.0#
39	51.9	26.5	39.7#





#57

1,3-Dichloropropane

Concen: 1.017 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

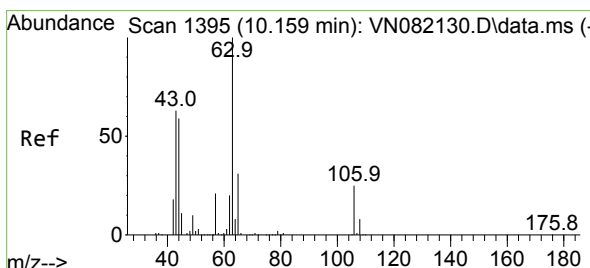
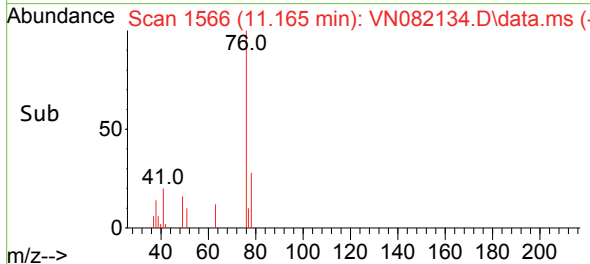
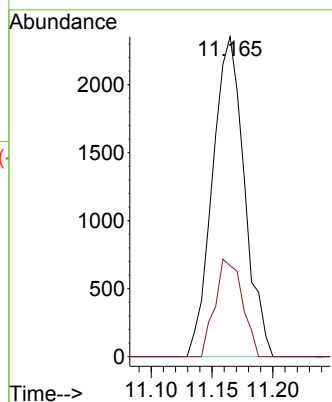
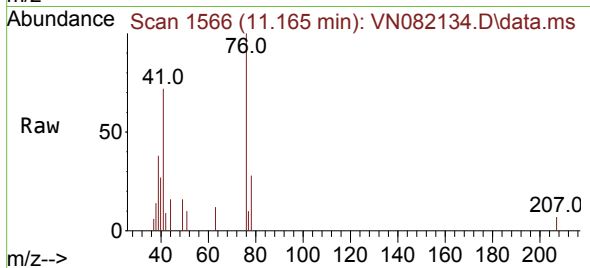
VSTDIC001

Tgt Ion: 76 Resp: 4282

Ion Ratio Lower Upper

76 100

78 26.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 4.247 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN082134.D

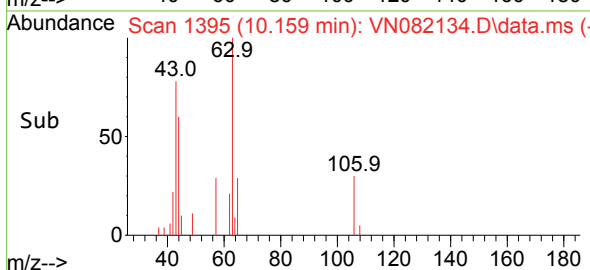
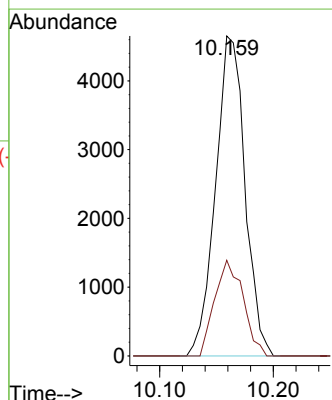
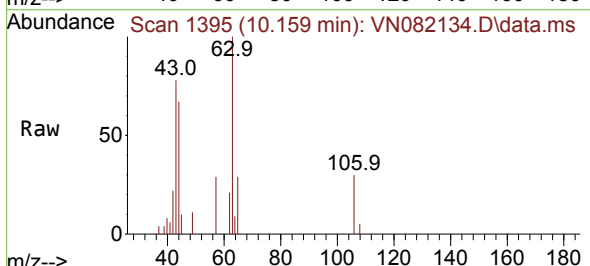
Acq: 15 May 2024 15:24

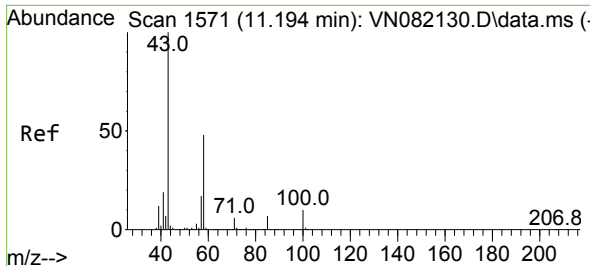
Tgt Ion: 63 Resp: 8377

Ion Ratio Lower Upper

63 100

106 28.9 24.6 36.8

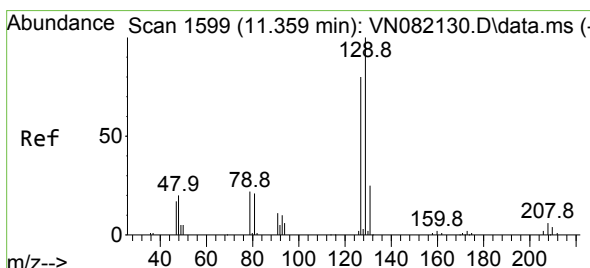
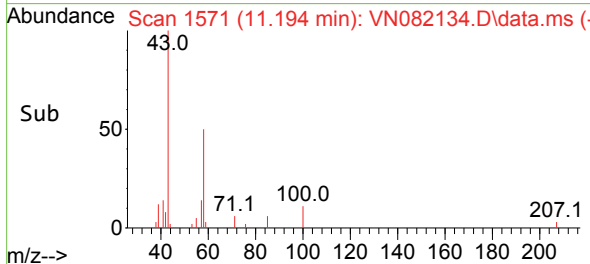
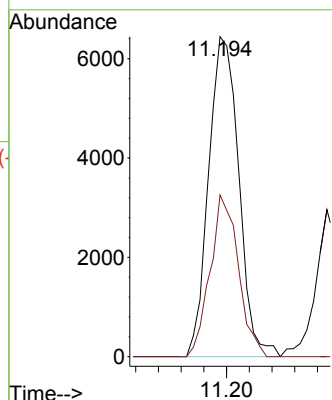
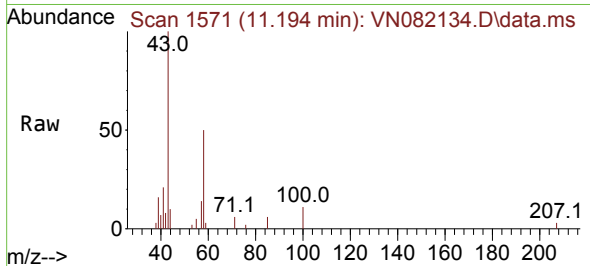




#59
2-Hexanone
Concen: 4.161 ug/l
RT: 11.194 min Scan# 11888
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

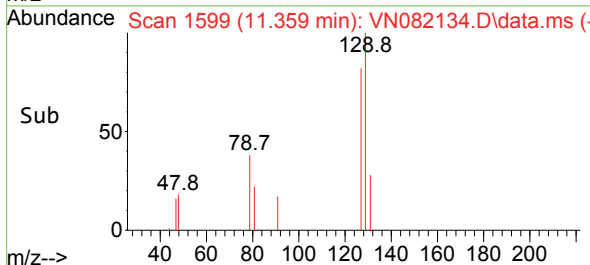
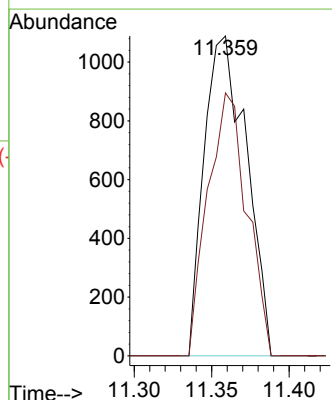
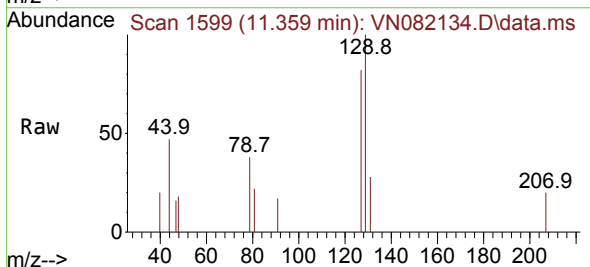
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

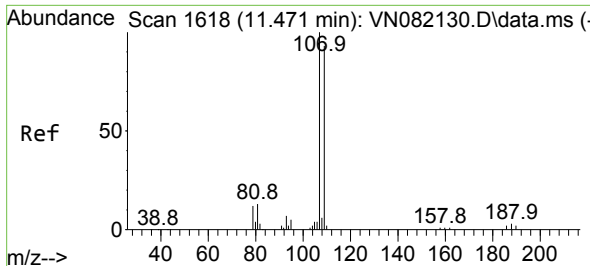
Tgt Ion: 43 Resp: 11888
Ion Ratio Lower Upper
43 100
58 47.2 28.3 84.9



#60
Dibromochloromethane
Concen: 0.830 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion: 129 Resp: 2063
Ion Ratio Lower Upper
129 100
127 76.2 38.3 114.8

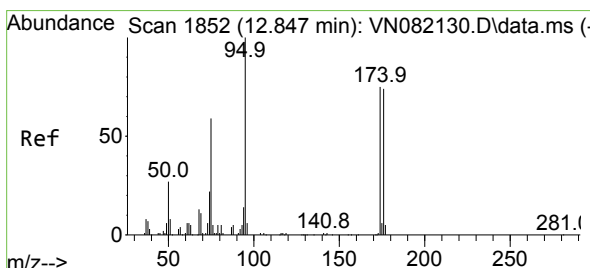
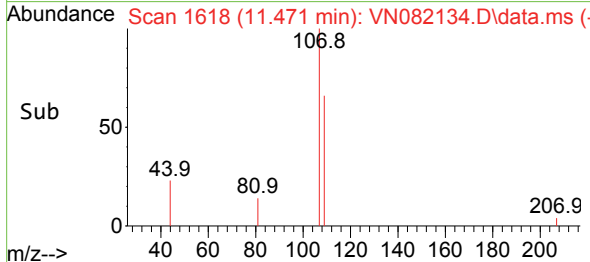
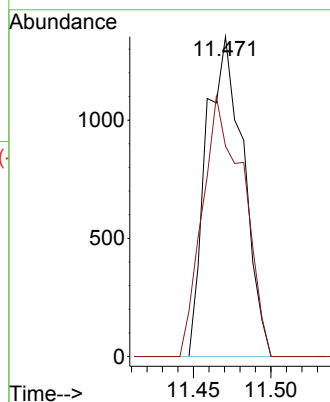
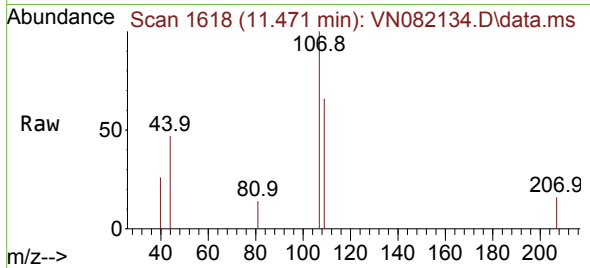




#61
1,2-Dibromoethane
Concen: 0.972 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

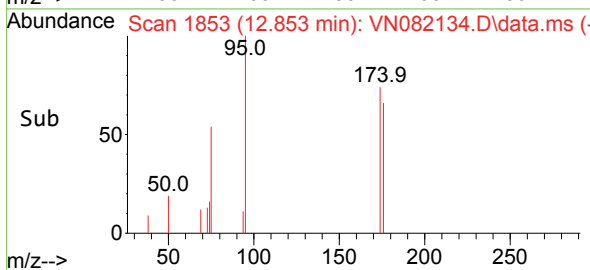
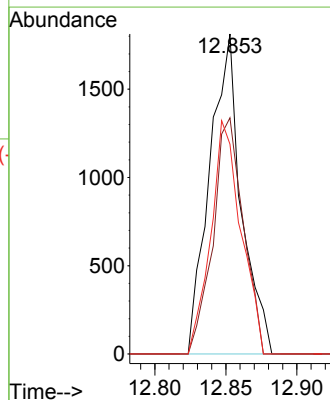
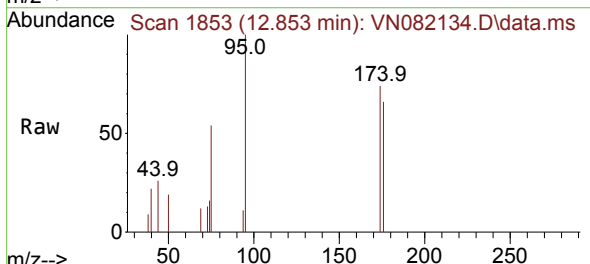
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

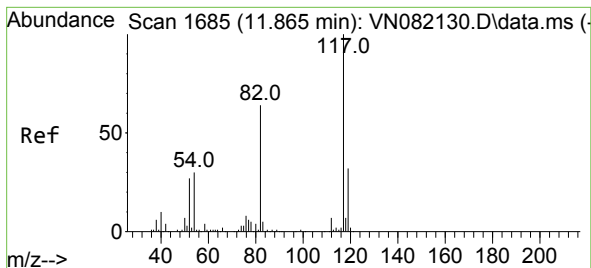
Tgt Ion:107 Resp: 2248
Ion Ratio Lower Upper
107 100
109 89.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 0.994 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion: 95 Resp: 2810
Ion Ratio Lower Upper
95 100
174 70.7 0.0 160.6
176 69.7 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

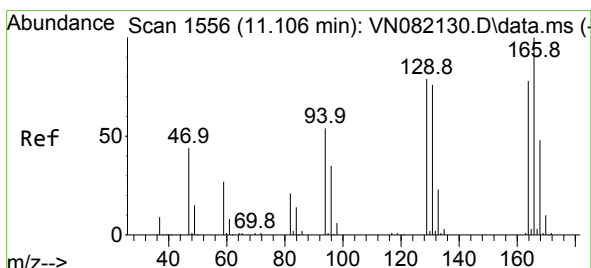
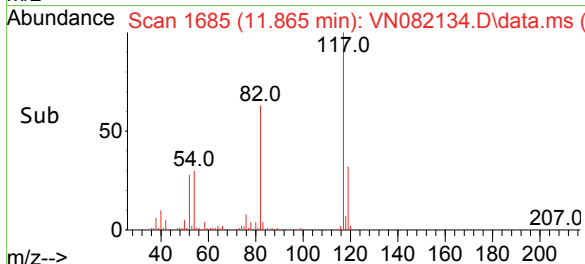
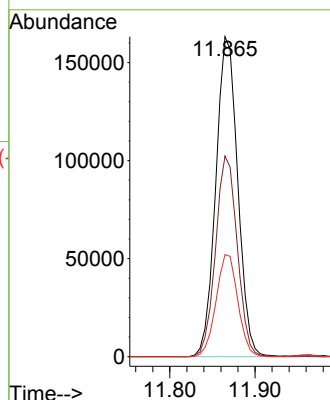
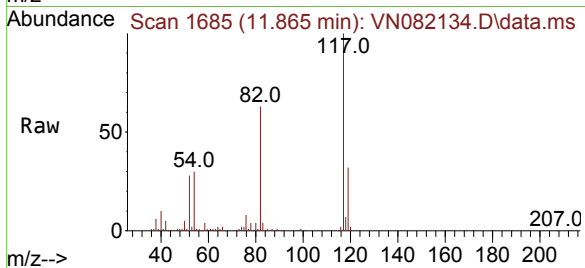
Tgt Ion:117 Resp: 291380

Ion Ratio Lower Upper

117 100

82 62.7 44.6 66.8

119 31.9 25.9 38.9



#64

Tetrachloroethene

Concen: 0.977 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Tgt Ion:164 Resp: 2110

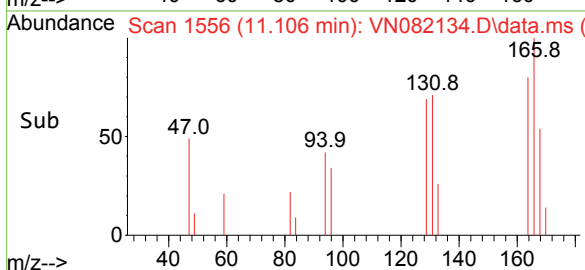
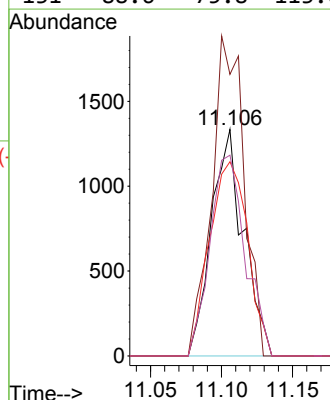
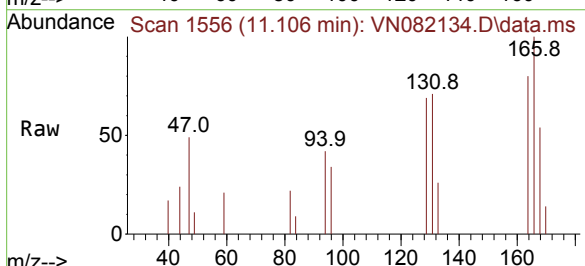
Ion Ratio Lower Upper

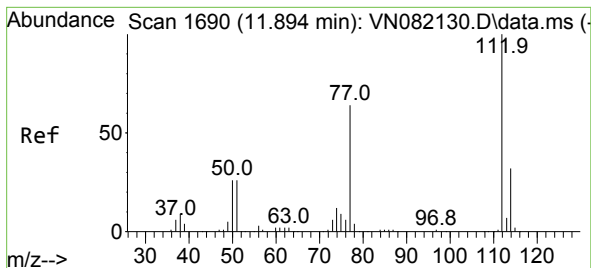
164 100

166 124.3 97.6 146.4

129 85.8 73.7 110.5

131 88.6 75.8 113.6





#65

Chlorobenzene

Concen: 1.026 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

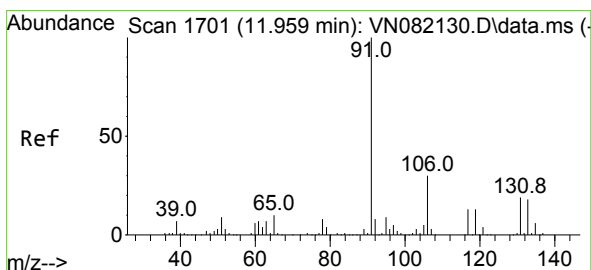
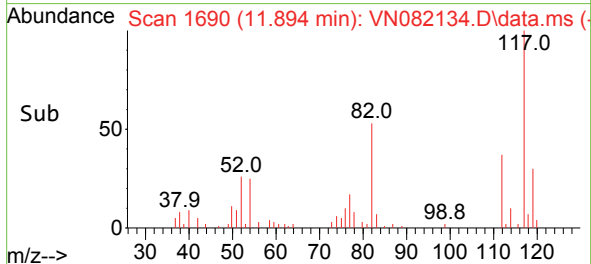
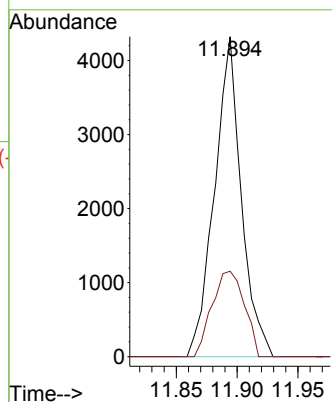
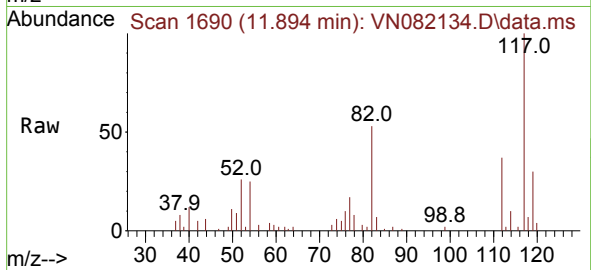
VSTDICC001

Tgt Ion:112 Resp: 6603

Ion Ratio Lower Upper

112 100

114 26.7 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 0.858 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

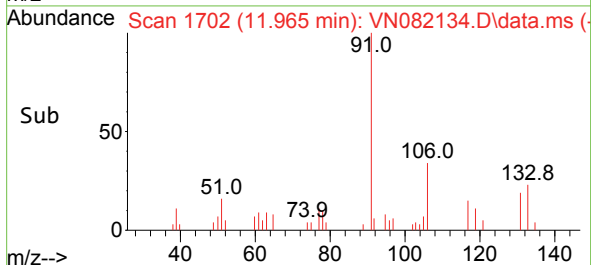
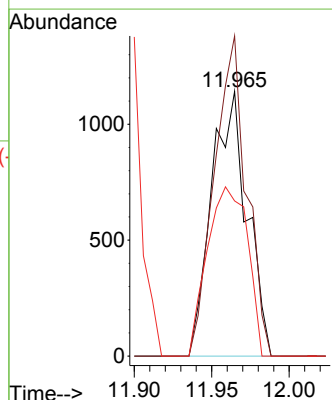
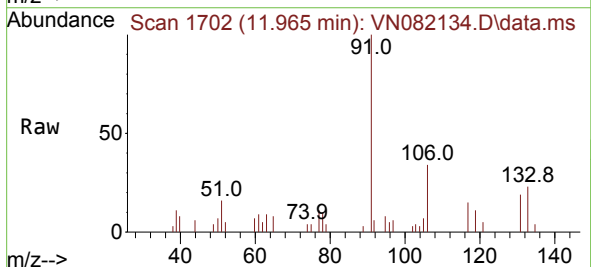
Tgt Ion:131 Resp: 1820

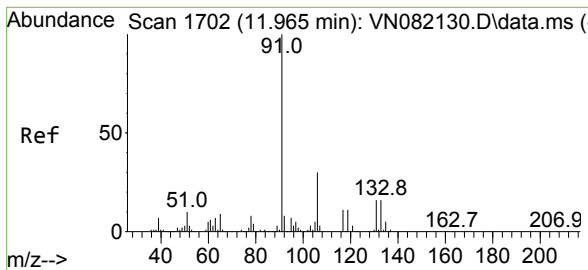
Ion Ratio Lower Upper

131 100

133 109.7 47.5 142.6

119 0.0 32.9 98.7#

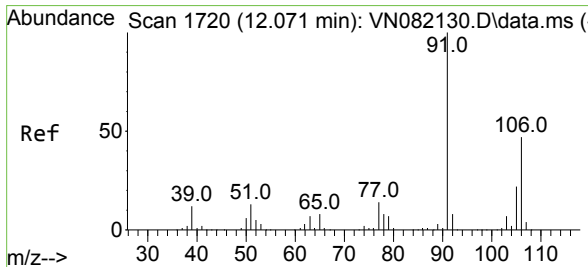
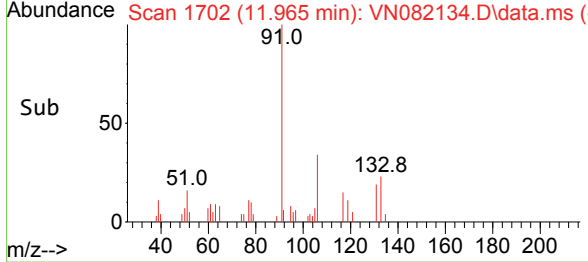
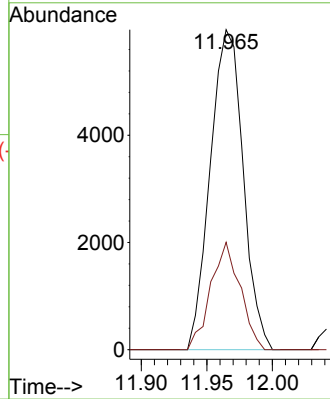
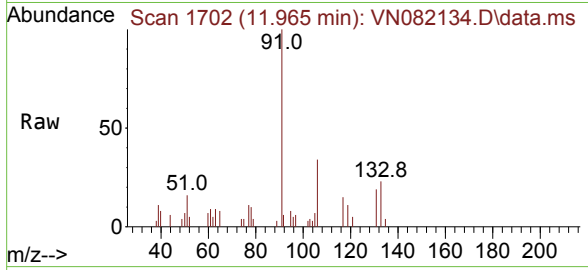




#67
Ethyl Benzene
Concen: 0.903 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

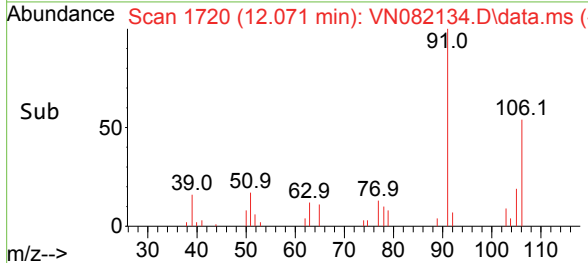
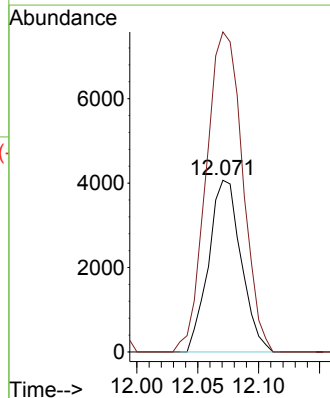
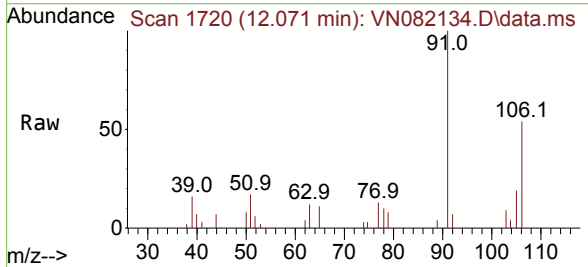
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

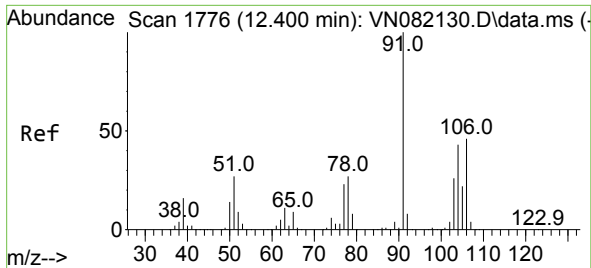
Tgt Ion: 91 Resp: 10397
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 1.787 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion: 106 Resp: 7541
Ion Ratio Lower Upper
106 100
91 208.8 159.4 239.0

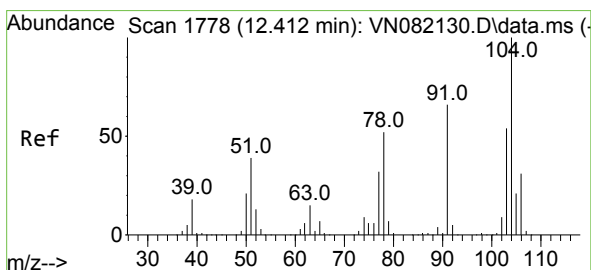
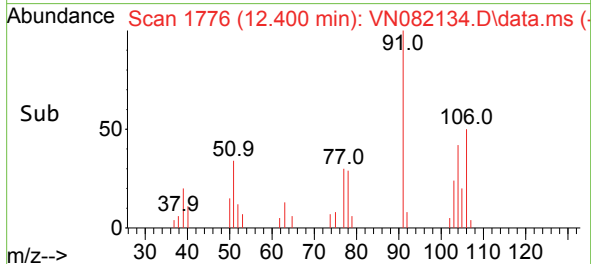
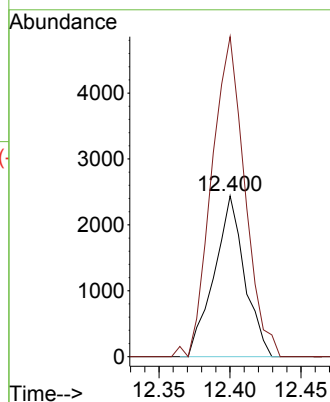
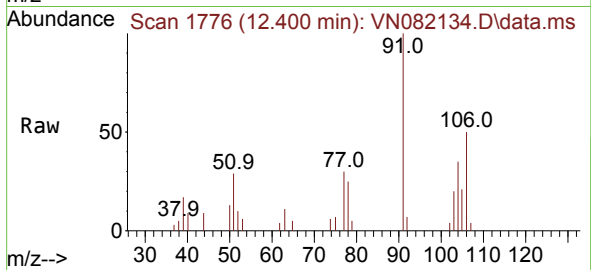




#69
o-Xylene
Concen: 0.889 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

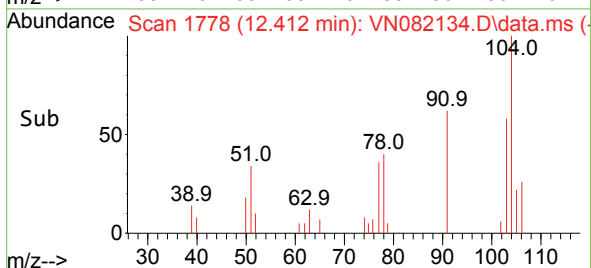
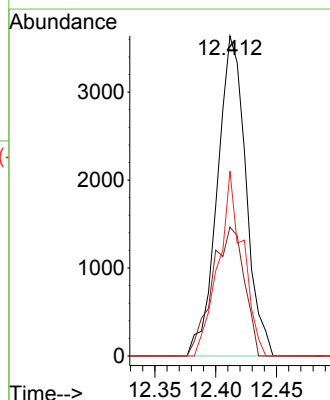
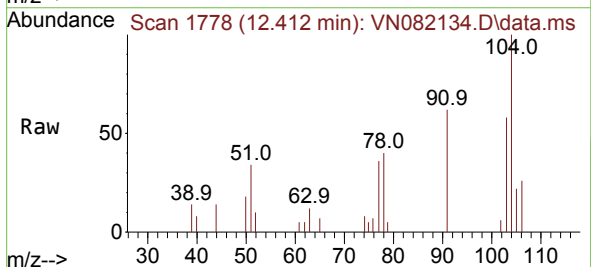
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

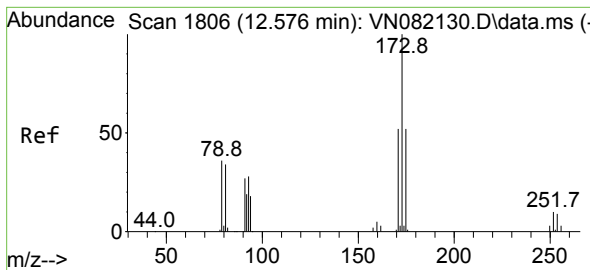
Tgt Ion:106 Resp: 3635
Ion Ratio Lower Upper
106 100
91 216.5 104.7 314.1



#70
Styrene
Concen: 0.874 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion:104 Resp: 5938
Ion Ratio Lower Upper
104 100
78 45.3 38.6 58.0
103 49.6 43.8 65.6





#71

Bromoform

Concen: 1.327 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

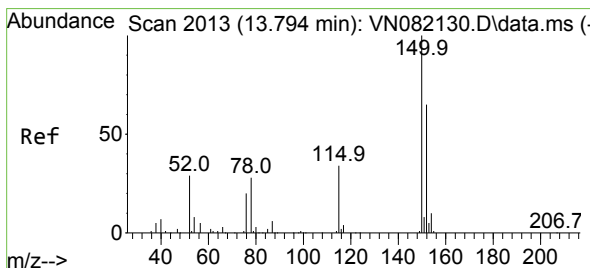
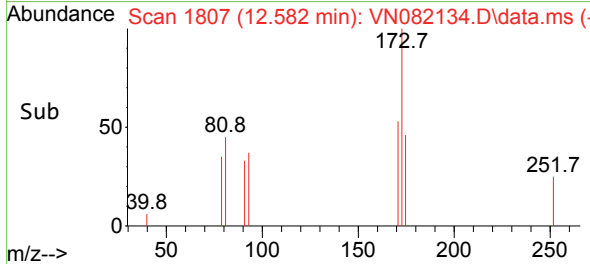
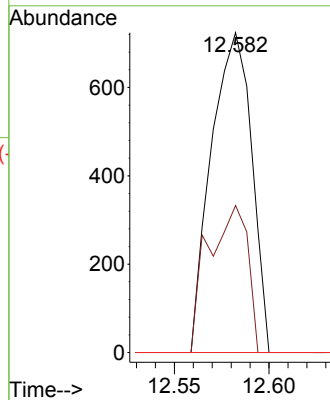
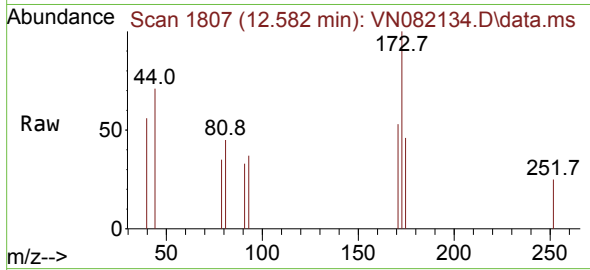
Tgt Ion:173 Resp: 1071

Ion Ratio Lower Upper

173 100

175 44.9 24.6 74.0

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: VN082134.D

Acq: 15 May 2024 15:24

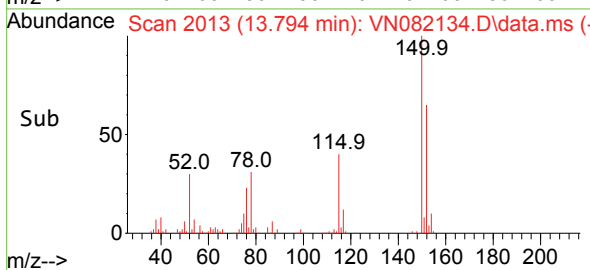
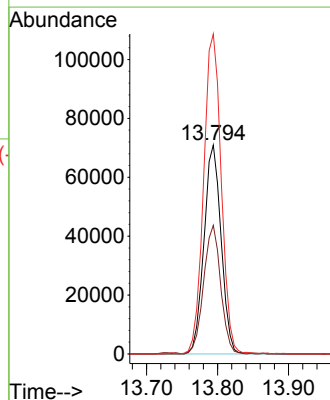
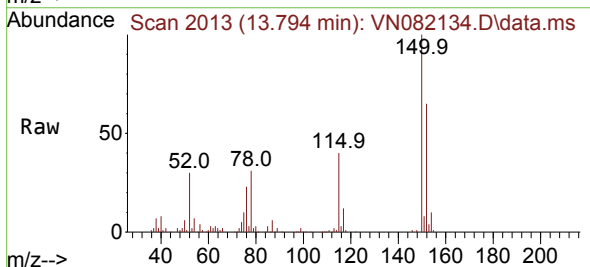
Tgt Ion:152 Resp: 119270

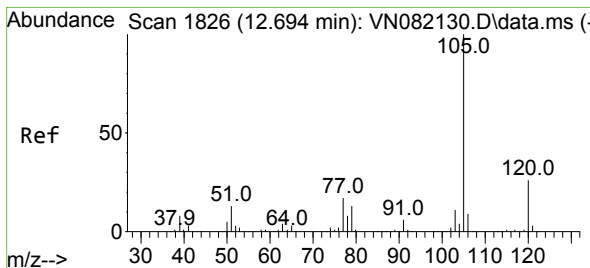
Ion Ratio Lower Upper

152 100

115 61.2 30.4 91.3

150 157.2 0.0 353.2





#73

Isopropylbenzene

Concen: 0.897 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

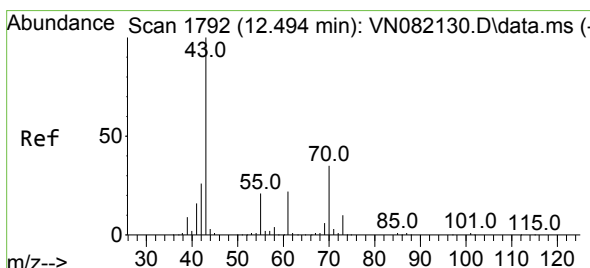
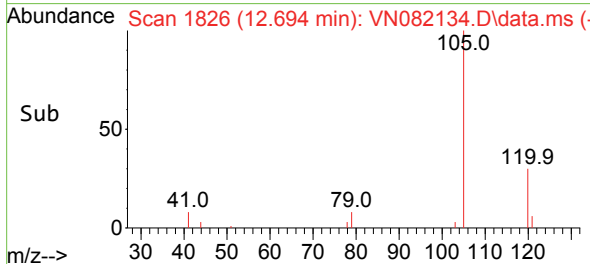
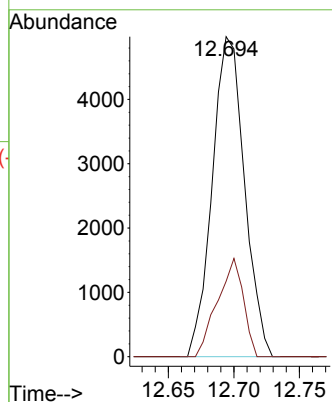
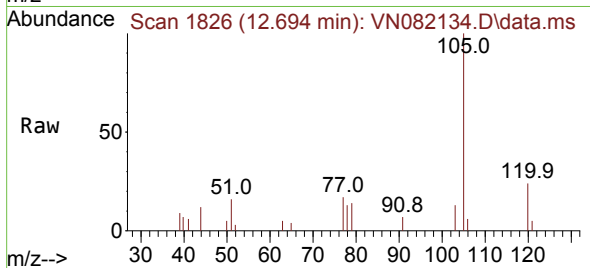
VSTDIC001

Tgt Ion:105 Resp: 8504

Ion Ratio Lower Upper

105 100

120 24.6 13.4 40.1



#74

N-ethyl acetate

Concen: 0.992 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Tgt Ion: 43 Resp: 5171

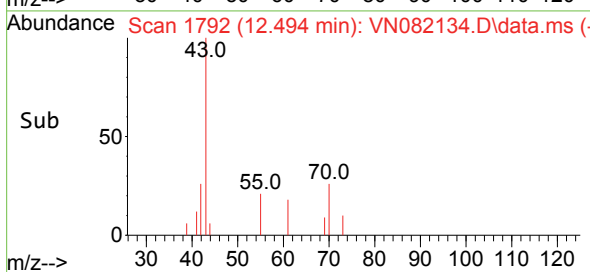
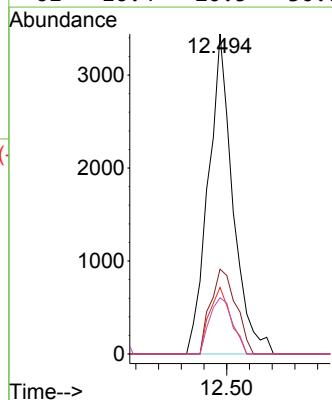
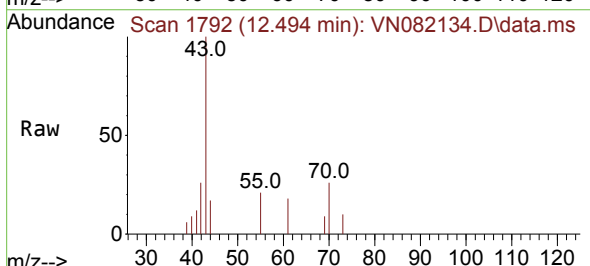
Ion Ratio Lower Upper

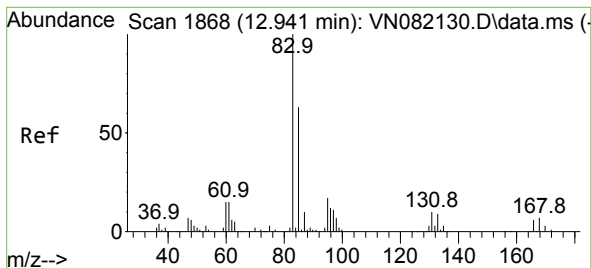
43 100

70 27.3 39.0 58.4#

55 18.0 21.3 31.9#

61 16.4 20.5 30.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.071 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

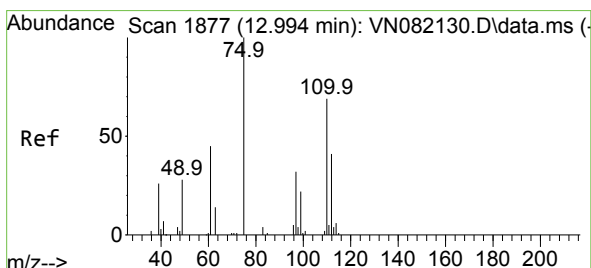
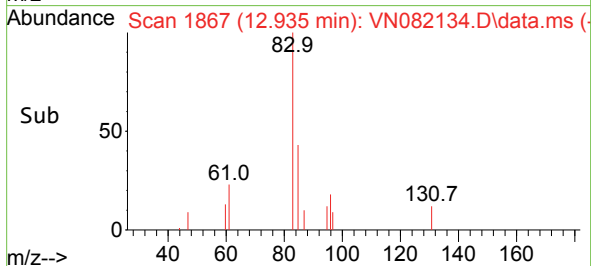
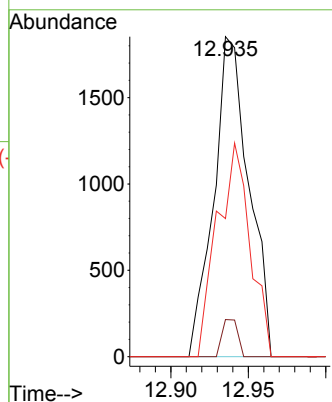
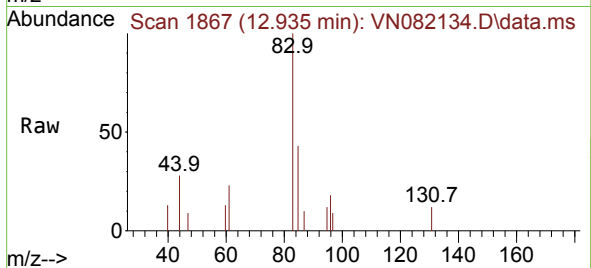
Tgt Ion: 83 Resp: 2925

Ion Ratio Lower Upper

83 100

131 5.2 5.5 16.4#

85 62.2 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 1.544 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN082134.D

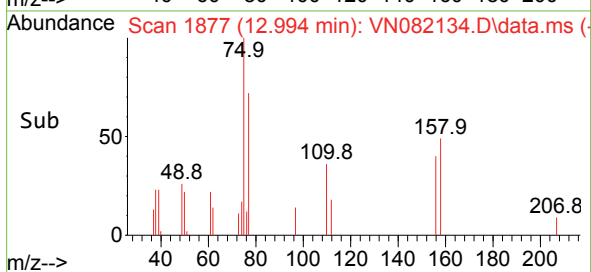
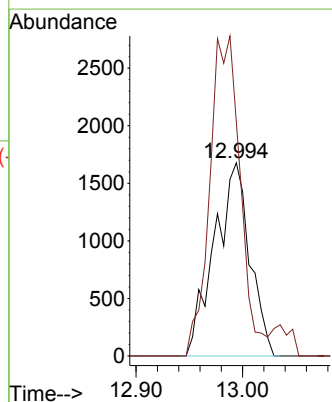
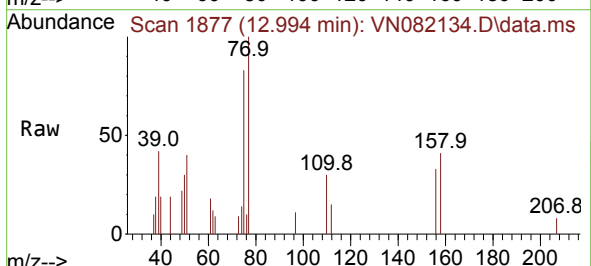
Acq: 15 May 2024 15:24

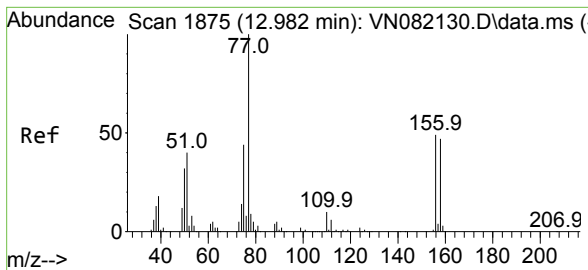
Tgt Ion: 75 Resp: 3870

Ion Ratio Lower Upper

75 100

77 143.1 90.5 271.3

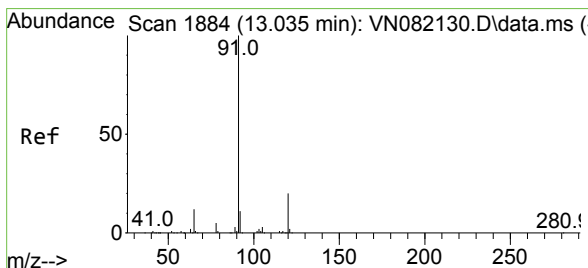
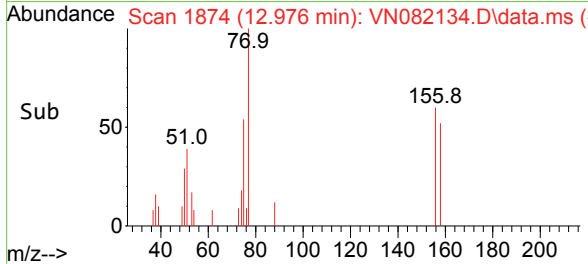
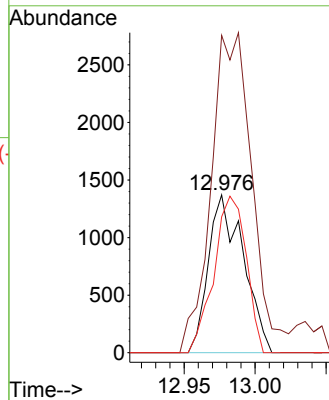
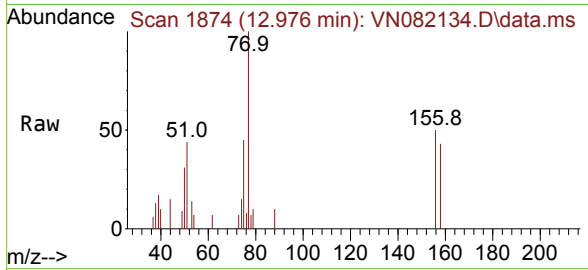




#77
Bromobenzene
Concen: 1.038 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

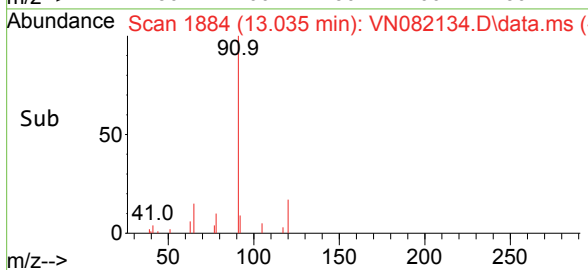
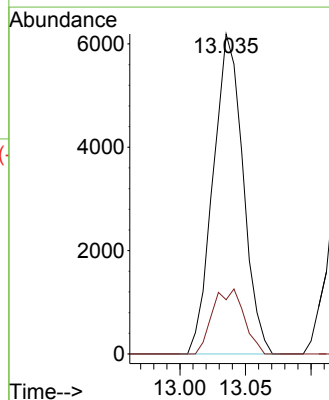
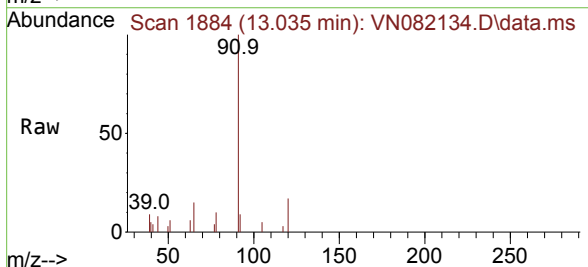
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

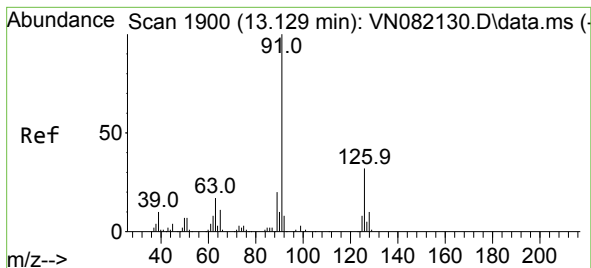
Tgt Ion:156 Resp: 2343
Ion Ratio Lower Upper
156 100
77 236.4 100.2 300.6
158 91.6 49.1 147.3



#78
n-propylbenzene
Concen: 0.875 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion: 91 Resp: 9814
Ion Ratio Lower Upper
91 100
120 21.3 11.7 35.0





#79

2-Chlorotoluene

Concen: 0.989 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

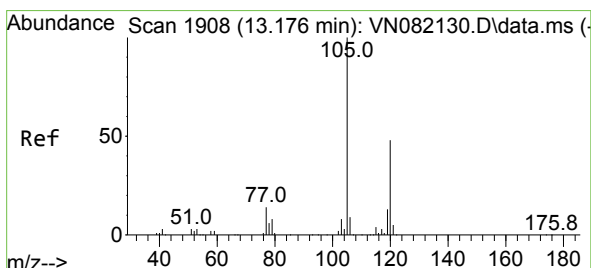
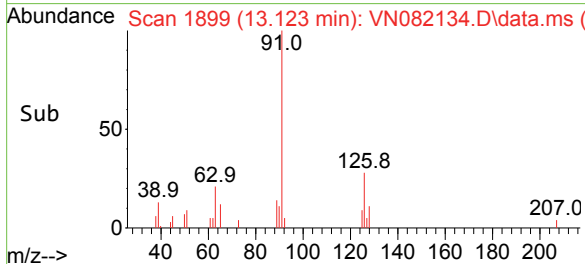
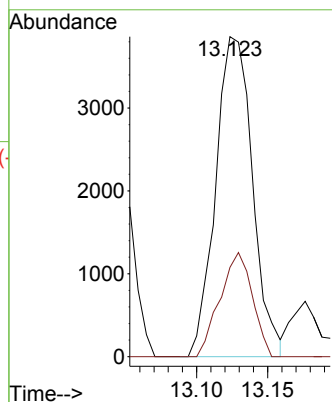
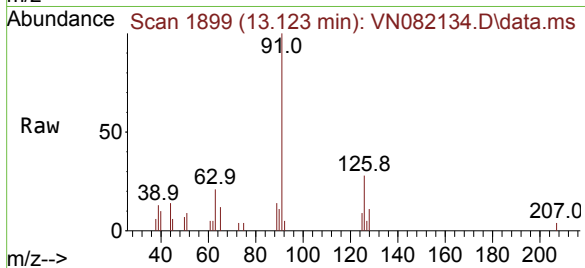
VSTDIC001

Tgt Ion: 91 Resp: 6971

Ion Ratio Lower Upper

91 100

126 28.5 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 0.837 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082134.D

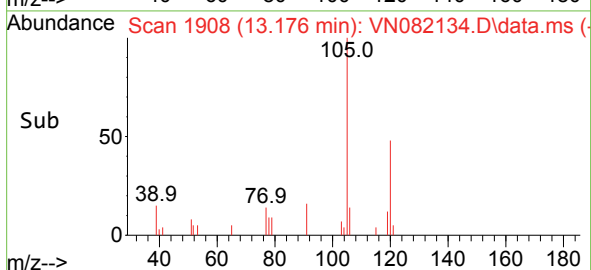
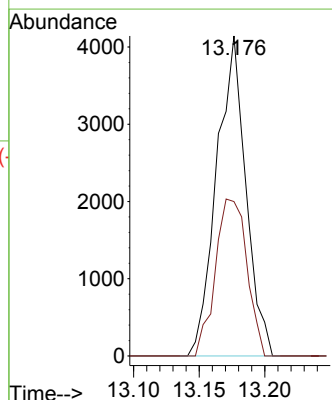
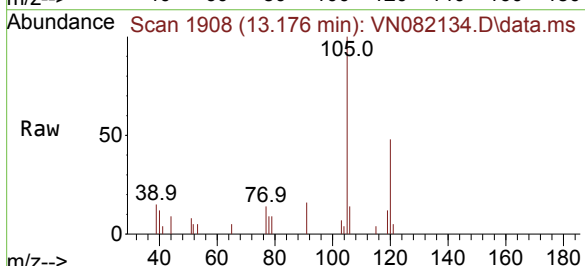
Acq: 15 May 2024 15:24

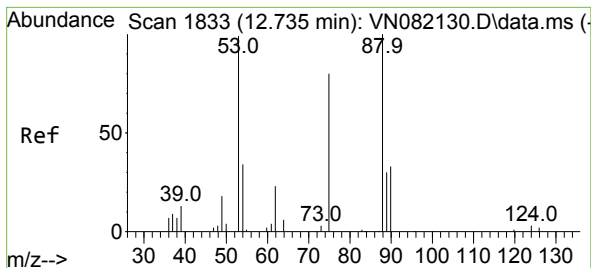
Tgt Ion: 105 Resp: 6416

Ion Ratio Lower Upper

105 100

120 52.9 24.8 74.3

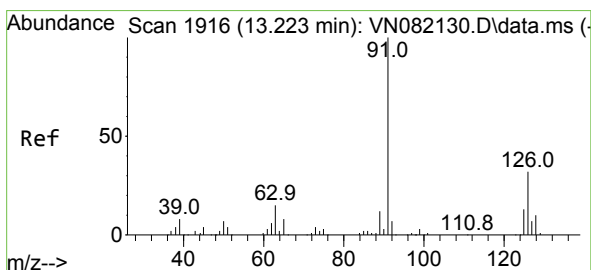
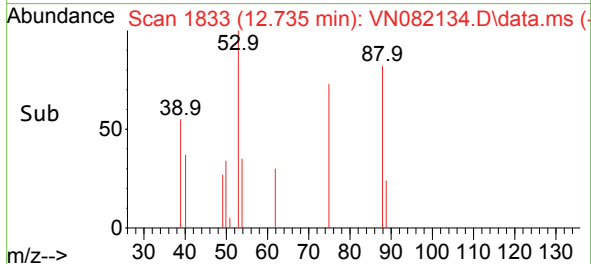
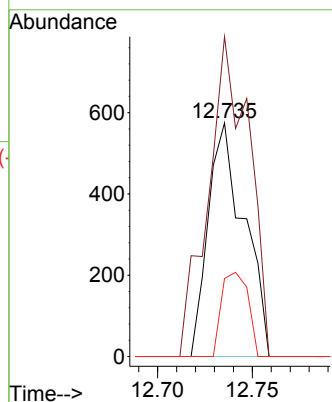
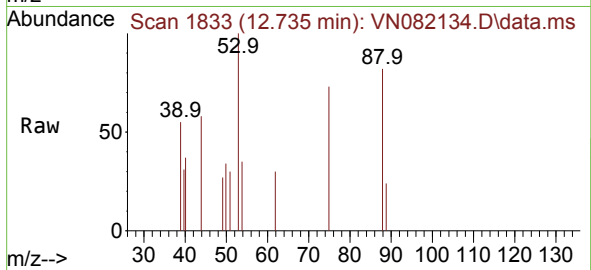




#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.743 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: VN082134.D
 Acq: 15 May 2024 15:24

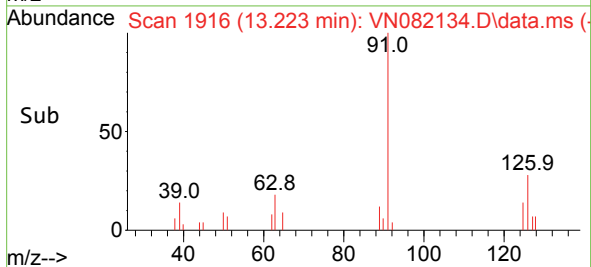
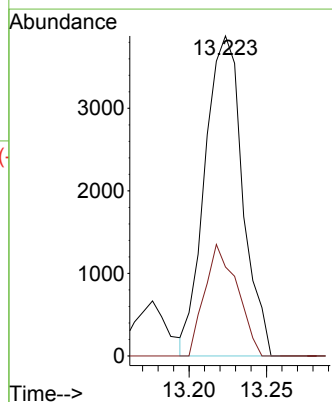
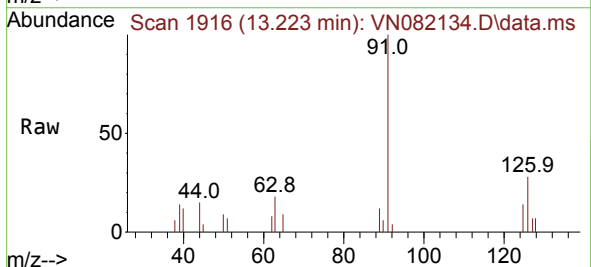
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

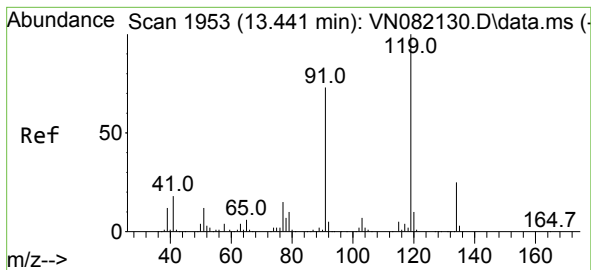
Tgt Ion: 75 Resp: 759
 Ion Ratio Lower Upper
 75 100
 53 155.3 72.9 109.3#
 89 26.5 39.1 58.7#



#82
 4-Chlorotoluene
 Concen: 0.954 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN082134.D
 Acq: 15 May 2024 15:24

Tgt Ion: 91 Resp: 6574
 Ion Ratio Lower Upper
 91 100
 126 30.0 17.4 52.3





#83

tert-Butylbenzene

Concen: 0.904 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

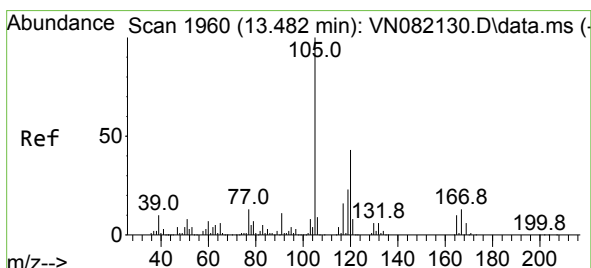
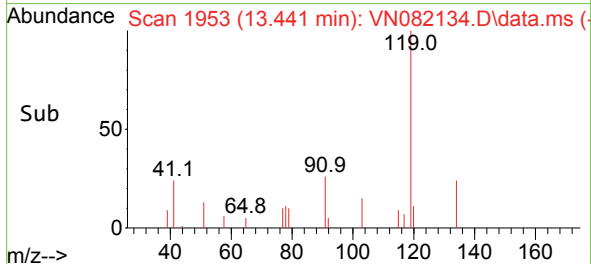
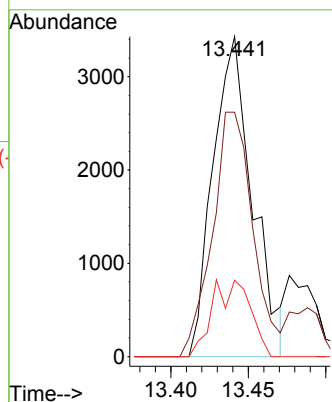
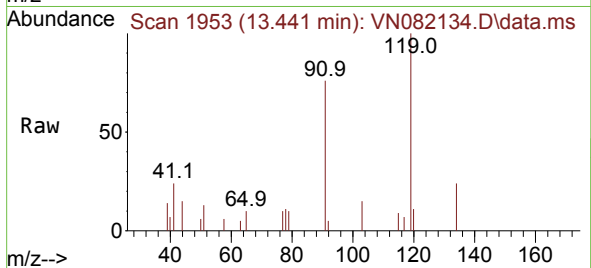
Tgt Ion:119 Resp: 6061

Ion Ratio Lower Upper

119 100

91 78.5 32.6 97.8

134 23.0 12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 0.893 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082134.D

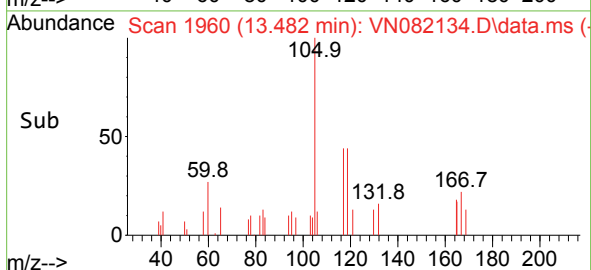
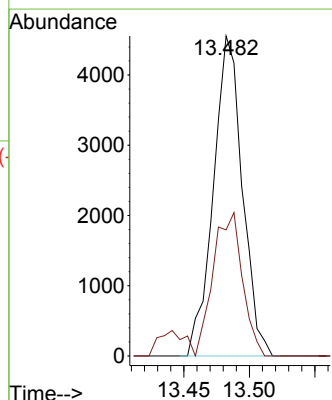
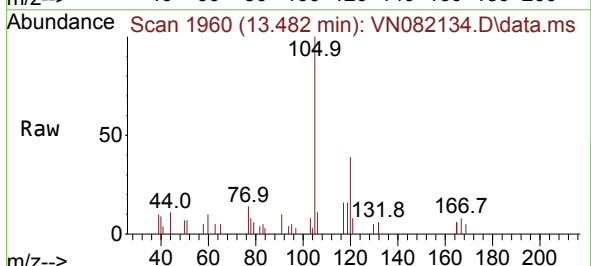
Acq: 15 May 2024 15:24

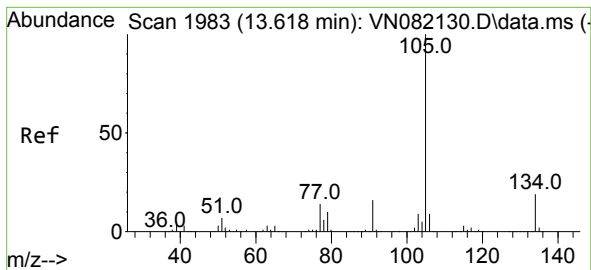
Tgt Ion:105 Resp: 6996

Ion Ratio Lower Upper

105 100

120 45.2 22.9 68.7





#85

sec-Butylbenzene

Concen: 0.890 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

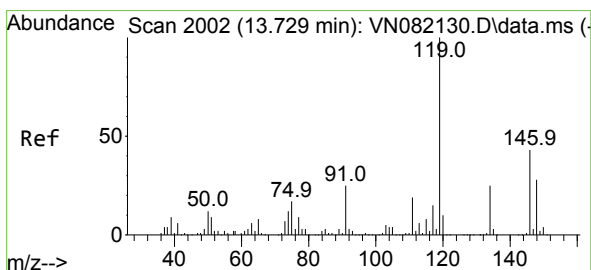
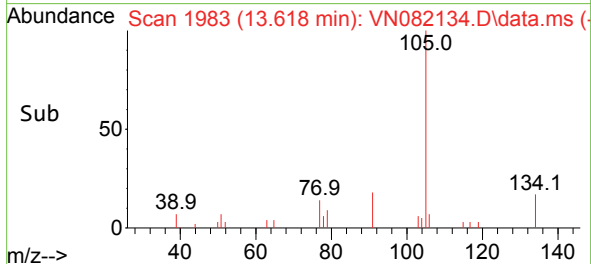
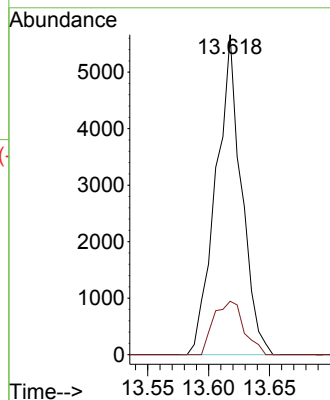
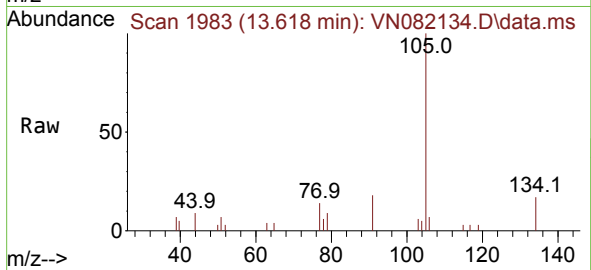
VSTDICC001

Tgt Ion:105 Resp: 8267

Ion Ratio Lower Upper

105 100

134 19.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 0.860 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

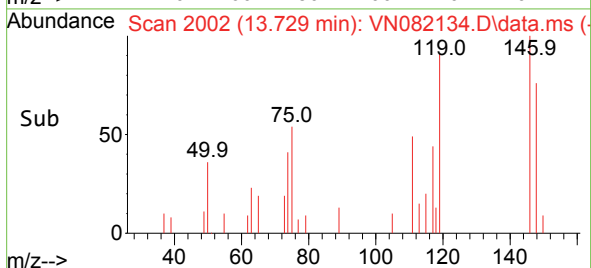
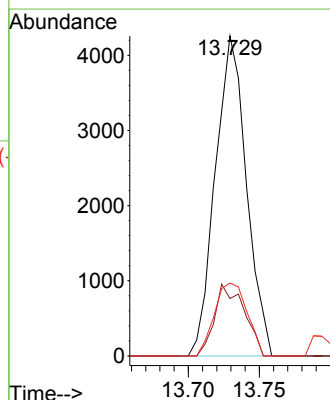
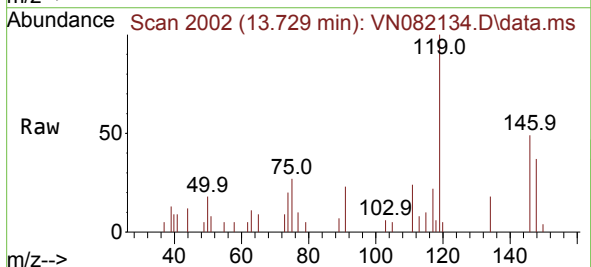
Tgt Ion:119 Resp: 6496

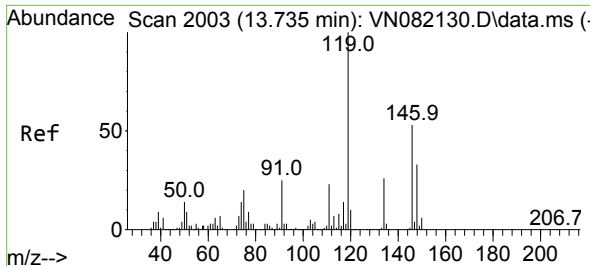
Ion Ratio Lower Upper

119 100

134 21.4 13.2 39.5

91 23.9 11.8 35.3

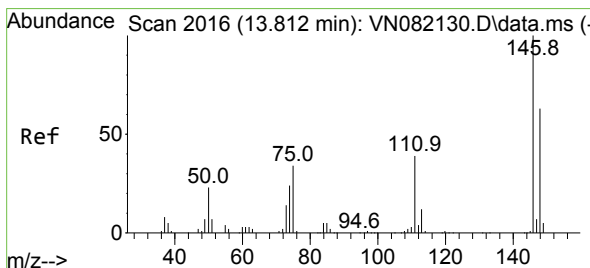
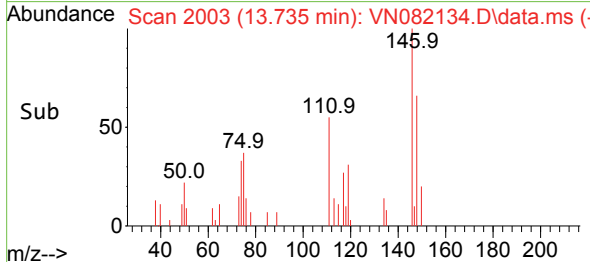
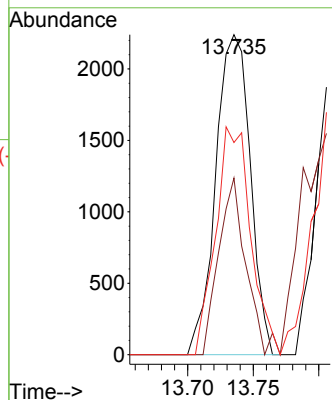
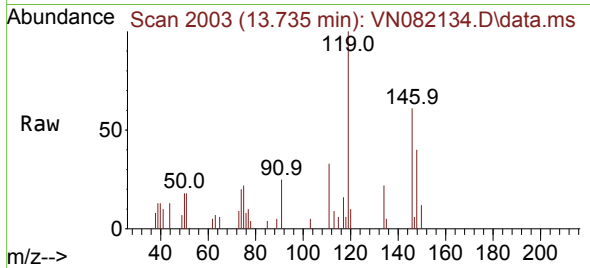




#87
1,3-Dichlorobenzene
Concen: 1.003 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

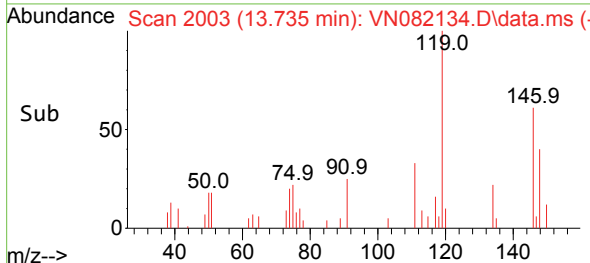
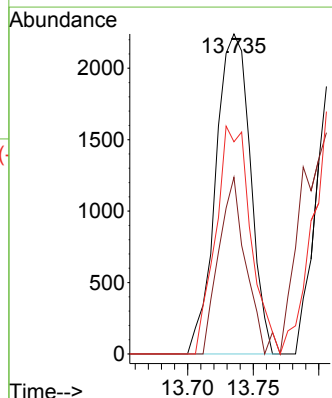
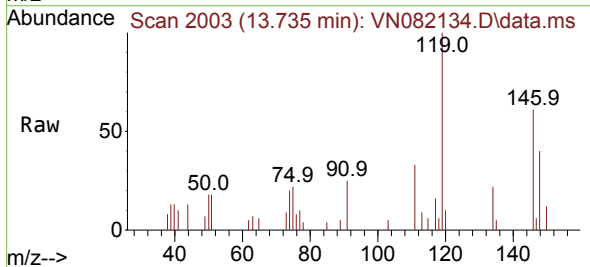
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

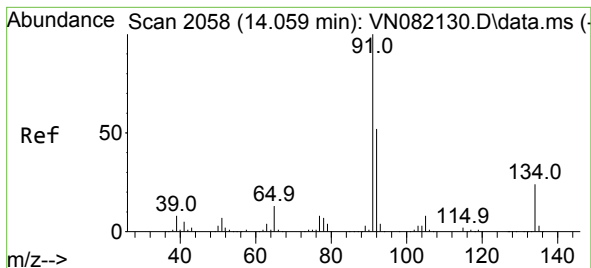
Tgt Ion:146 Resp: 4103
Ion Ratio Lower Upper
146 100
111 42.3 20.8 62.5
148 72.2 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 0.983 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.076 min
Lab File: VN082134.D
Acq: 15 May 2024 15:24

Tgt Ion:146 Resp: 4103
Ion Ratio Lower Upper
146 100
111 42.3 19.3 57.9
148 72.2 31.3 93.9





#89

n-Butylbenzene

Concen: 0.865 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

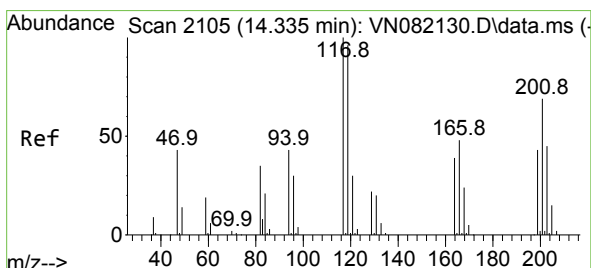
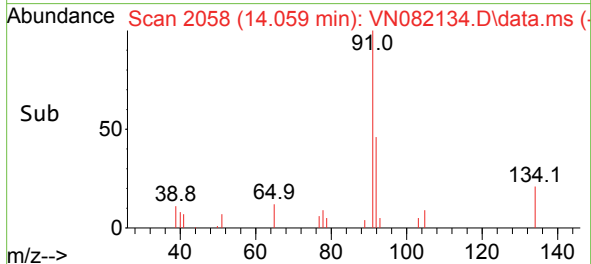
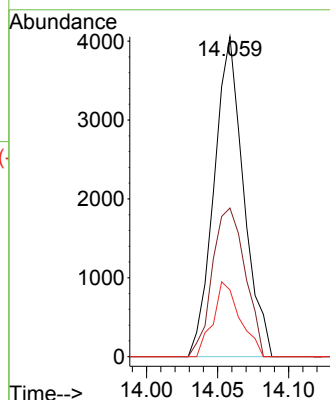
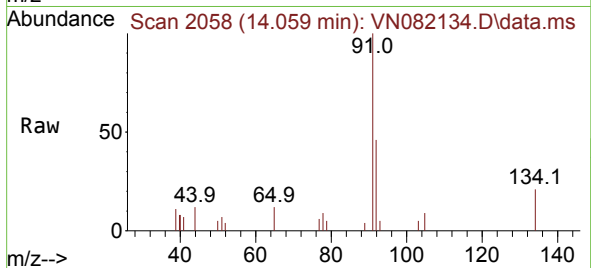
Tgt Ion: 91 Resp: 5869

Ion Ratio Lower Upper

91 100

92 51.5 26.2 78.5

134 21.5 13.2 39.5



#90

Hexachloroethane

Concen: 0.882 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082134.D

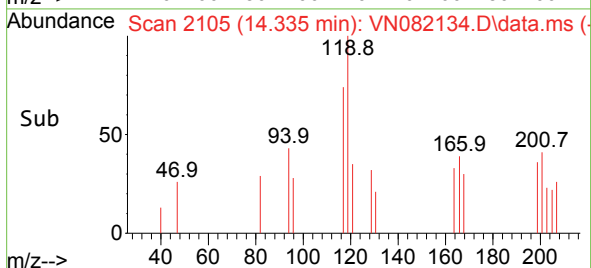
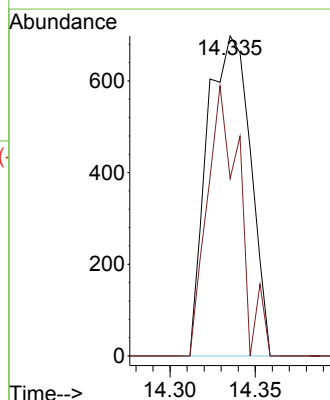
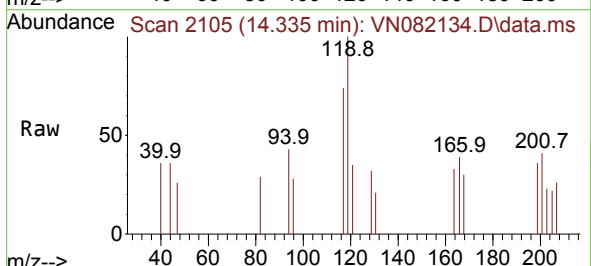
Acq: 15 May 2024 15:24

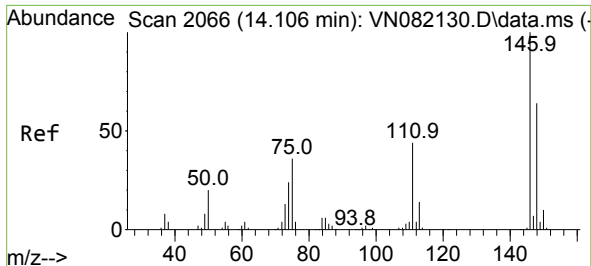
Tgt Ion: 117 Resp: 1234

Ion Ratio Lower Upper

117 100

201 63.2 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 0.927 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

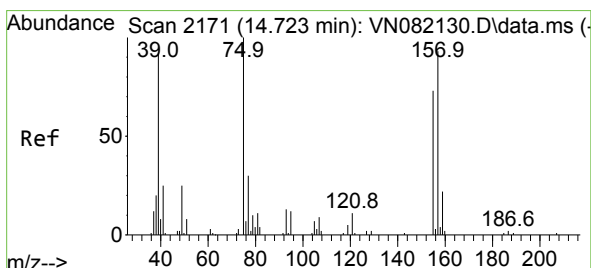
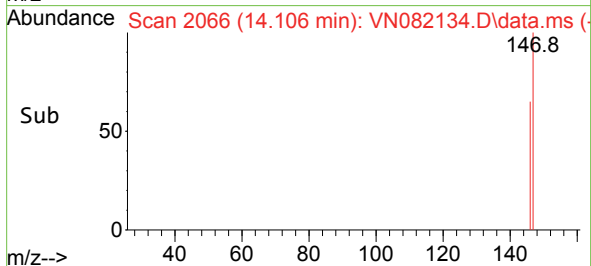
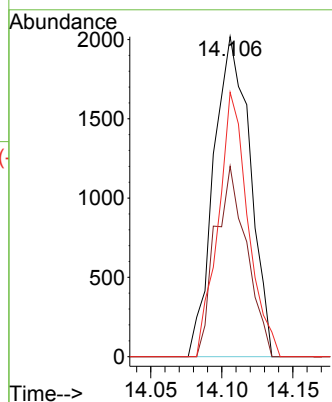
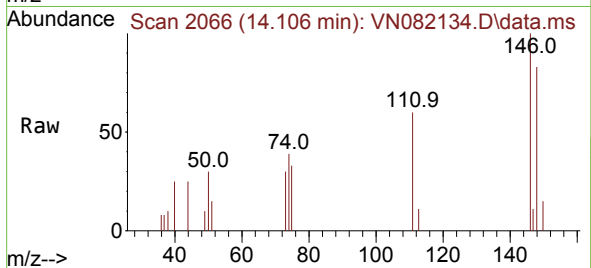
Tgt Ion:146 Resp: 3588

Ion Ratio Lower Upper

146 100

111 51.4 21.3 64.0

148 67.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.880 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

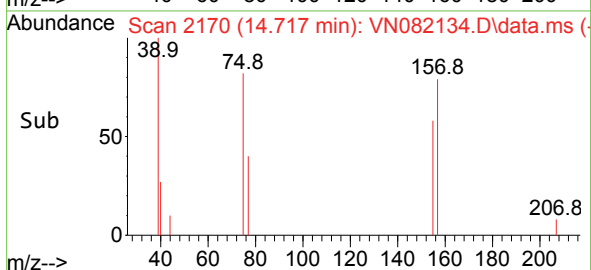
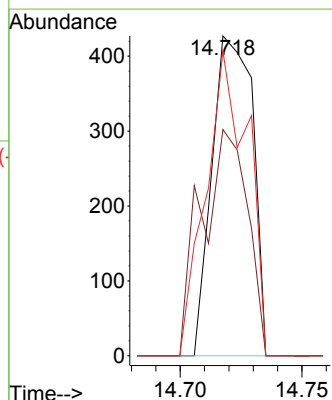
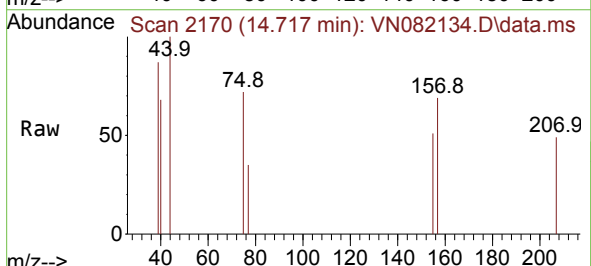
Tgt Ion: 75 Resp: 494

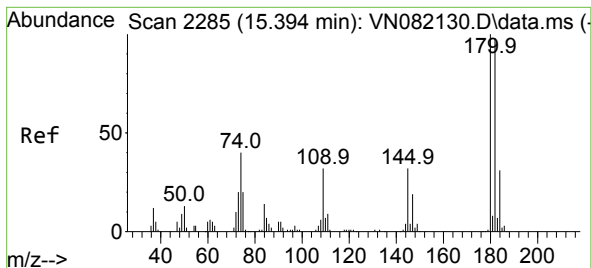
Ion Ratio Lower Upper

75 100

155 80.4 42.6 128.0

157 98.6 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 0.985 ug/l

RT: 15.394 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

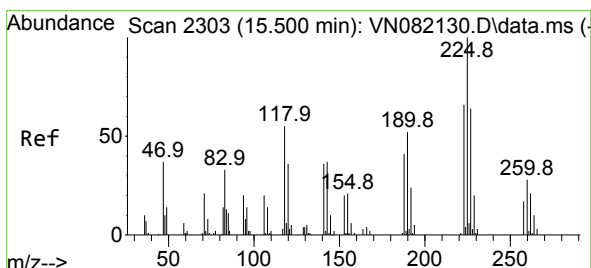
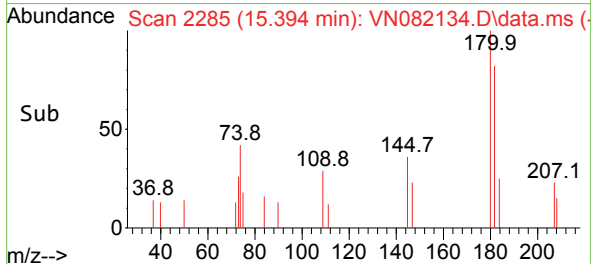
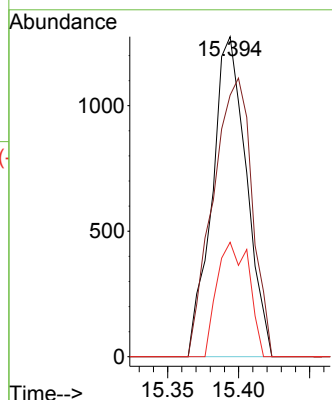
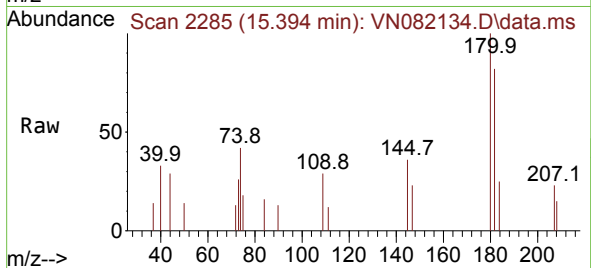
Tgt Ion:180 Resp: 2138

Ion Ratio Lower Upper

180 100

182 99.3 46.7 140.0

145 33.4 16.2 48.6



#94

Hexachlorobutadiene

Concen: 1.050 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

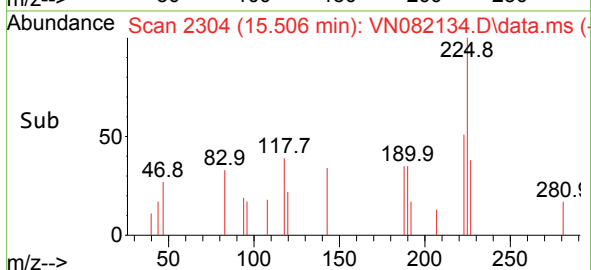
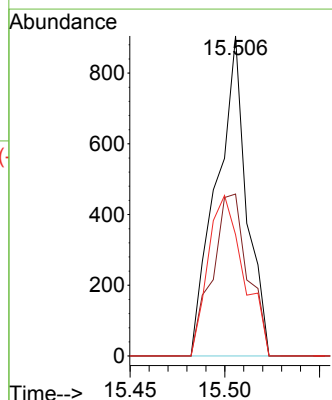
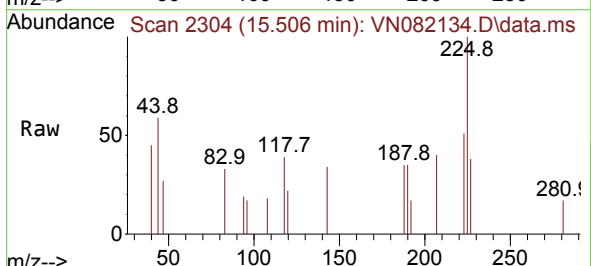
Tgt Ion:225 Resp: 1000

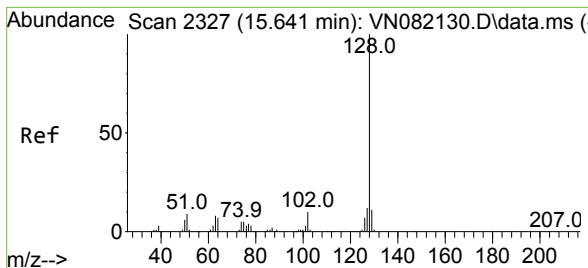
Ion Ratio Lower Upper

225 100

223 60.0 31.1 93.2

227 59.6 30.6 91.6





#95

Naphthalene

Concen: 0.916 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

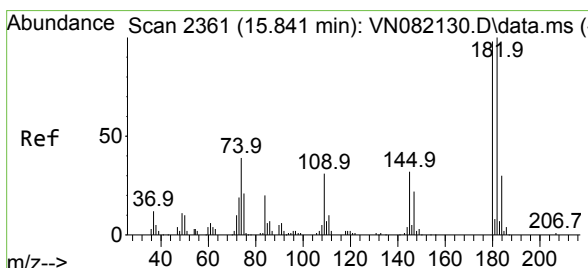
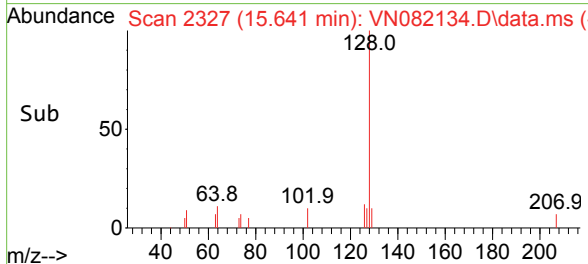
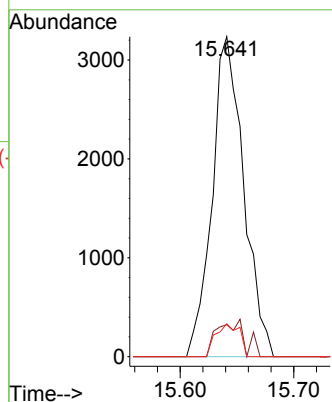
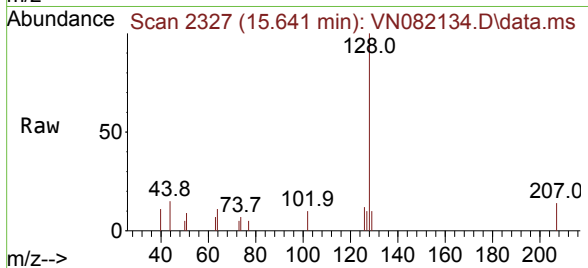
Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:	128	Resp:	6234
Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.1	15.1#
129	7.7	8.9	13.3#



#96

1,2,3-Trichlorobenzene

Concen: 1.008 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082134.D

Acq: 15 May 2024 15:24

Tgt Ion:	180	Resp:	2191
Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.0	137.8
145	31.8	17.1	51.3

