

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082089.D
 Acq On : 13 May 2024 12:13
 Operator : JC\MD
 Sample : VN0513WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBSD01

Quant Time: May 14 03:30:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	23748	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	144472	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	129583	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	64386	32.382	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 107.933%	
60) 4-Bromofluorobenzene	12.847	95	59846	27.751	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 92.500%	
63) Toluene-d8	10.571	98	187954	30.542	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	27245	20.211	ug/l	89
3) Chloromethane	2.359	50	34643	22.160	ug/l	96
4) Vinyl Chloride	2.512	62	34084	23.079	ug/l	94
5) Bromomethane	2.959	94	16894	21.922	ug/l	90
6) Chloroethane	3.124	64	22172	26.512	ug/l	# 87
7) Trichlorofluoromethane	3.495	101	45895	21.237	ug/l	92
8) Diethyl Ether	3.959	74	24443	23.365	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.383	101	30815	20.800	ug/l	56
10) 1,1-Dichloroethene	4.330	96	12398	8.554	ug/l	94
11) Methyl Iodide	4.595	142	13319	10.055	ug/l	# 68
12) Methyl Acetate	5.018	43	28001	15.429	ug/l	# 70
13) Acrolein	4.177	56	35342	91.627	ug/l	# 33
14) Acrylonitrile	5.724	53	106406	128.464	ug/l	99
15) Acetone	4.418	58	12309	66.318	ug/l	80
16) Carbon Disulfide	4.712	76	71738	17.865	ug/l	# 88
17) Allyl chloride	5.018	41	58067	22.819	ug/l	82
18) Methylene Chloride	5.277	84	38146	23.131	ug/l	85
19) trans-1,2-Dichloroethene	5.777	96	31185	20.670	ug/l	95
20) Diisopropyl ether	6.671	45	139735	24.819	ug/l	95
21) 1,1-Dichloroethane	6.571	63	70164	23.536	ug/l	94
22) cis-1,2-Dichloroethene	7.483	96	39637	21.560	ug/l	86
23) tert-Butyl Alcohol	5.518	59	26092	76.476	ug/l	# 100
25) Chloroform	7.965	83	66259	23.102	ug/l	94
26) Cyclohexane	8.253	56	54210	21.028	ug/l	# 86
29) 1,1-Dichloropropene	8.371	75	44747	20.804	ug/l	95
30) 2-Butanone	7.483	43	140837	127.029	ug/l	96
31) 2,2-Dichloropropane	7.488	77	56974	25.849	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	53132	21.479	ug/l	# 93
33) Carbon Tetrachloride	8.353	117	24627	12.267	ug/l	93
34) Benzene	8.612	78	153499	22.371	ug/l	95
35) Methacrylonitrile	7.777	41	32919	23.469	ug/l	95
36) 1,2-Dichloroethane	8.671	62	52060	22.601	ug/l	96
37) Trichloroethene	9.353	130	30777	18.313	ug/l	90
38) Methylcyclohexane	9.600	83	50580	19.467	ug/l	91
39) 1,2-Dichloropropane	9.624	63	42167	23.950	ug/l	99
40) Dibromomethane	9.706	93	26448	23.383	ug/l	85
41) Bromodichloromethane	9.888	83	54376	22.493	ug/l	95
42) Vinyl Acetate	6.600	43	540672	114.574	ug/l	# 94
43) Ethyl Acetate	7.559	43	61434	25.414	ug/l	# 92

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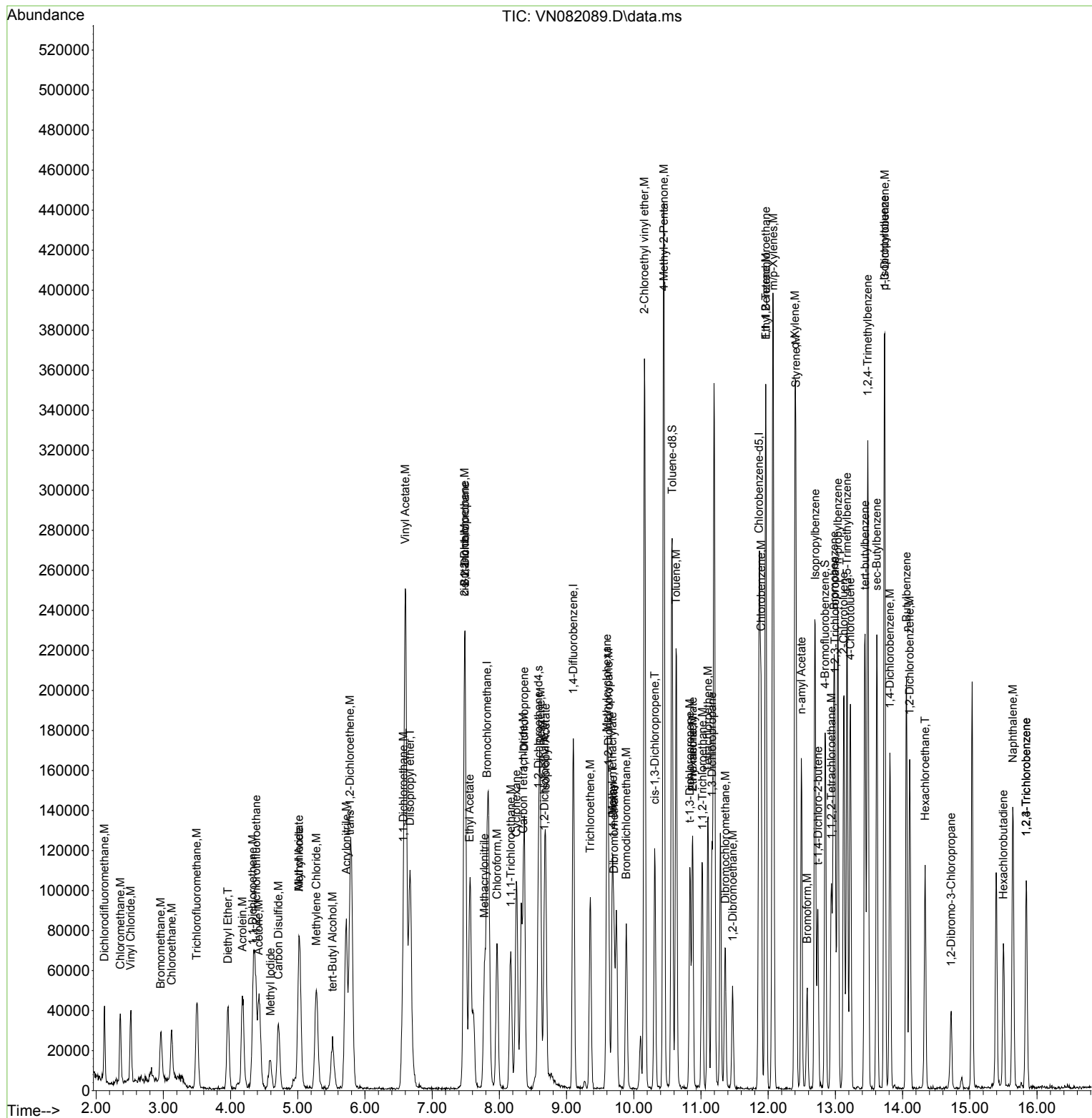
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.688	43	121450	28.300	ug/l #	81
45) 1,4-Dioxane	9.694	88	17070	495.980	ug/l #	58
46) Methyl methacrylate	9.682	41	43206	22.037	ug/l	84
47) n-amyl Acetate	12.494	43	89340	23.081	ug/l #	87
48) t-1,3-Dichloropropene	10.835	75	58020	22.131	ug/l	92
49) cis-1,3-Dichloropropene	10.312	75	64077	23.118	ug/l #	86
50) 1,1,2-Trichloroethane	11.023	97	34663	22.589	ug/l	96
51) Ethyl methacrylate	10.876	69	61939	21.387	ug/l #	69
52) 1,3-Dichloropropane	11.165	76	66327	23.527	ug/l	100
53) Dibromochloromethane	11.365	129	35705	21.386	ug/l	94
54) 1,2-Dibromoethane	11.471	107	33315	21.769	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	166085	114.681	ug/l	95
56) Bromoform	12.582	173	20075	19.756	ug/l #	94
58) 4-Methyl-2-Pentanone	10.447	43	313877	124.747	ug/l #	85
59) 2-Hexanone	10.876	43	3498	1.875	ug/l	100
61) Tetrachloroethene	11.106	164	27120	18.861	ug/l	87
62) Toluene	10.629	91	156899	21.519	ug/l	99
64) Chlorobenzene	11.894	112	93633	20.996	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	29582	20.267	ug/l	87
66) Ethyl Benzene	11.965	91	167099	20.908	ug/l	96
67) m/p-Xylenes	12.076	106	125269	42.276	ug/l	98
68) o-Xylene	12.400	106	60162	20.521	ug/l	98
69) Styrene	12.412	104	99504	20.219	ug/l	97
70) Isopropylbenzene	12.700	105	154412	20.739	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	53216	24.836	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	69040	34.465	ug/l	60
73) Bromobenzene	12.982	156	31228	19.593	ug/l	71
74) n-propylbenzene	13.035	91	191187	21.764	ug/l	98
75) 2-Chlorotoluene	13.123	91	113285	20.846	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	123535	20.498	ug/l	97
77) t-1,4-Dichloro-2-butene	12.741	75	20433	22.917	ug/l	83
78) 4-Chlorotoluene	13.223	91	111997	21.037	ug/l	99
79) tert-butylbenzene	13.441	119	101728	19.604	ug/l	92
80) 1,2,4-Trimethylbenzene	13.482	105	124268	20.528	ug/l	96
81) sec-Butylbenzene	13.617	105	157409	21.641	ug/l	96
82) p-Isopropyltoluene	13.729	119	122513	21.300	ug/l	96
83) 1,3-Dichlorobenzene	13.735	146	60903	21.221	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	60543	20.989	ug/l	97
85) n-Butylbenzene	14.059	91	118283	22.514	ug/l	97
86) Hexachloroethane	14.335	117	23615	20.591	ug/l	74
87) 1,2-Dichlorobenzene	14.106	146	61468	21.505	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	10335	21.495	ug/l	83
89) 1,2,4-Trichlorobenzene	15.841	180	30838	19.594	ug/l	96
90) Hexachlorobutadiene	15.500	225	10643	18.258	ug/l	96
91) Naphthalene	15.641	128	120767	20.185	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	30838	19.594	ug/l	96

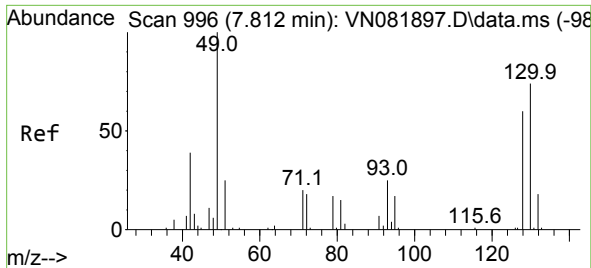
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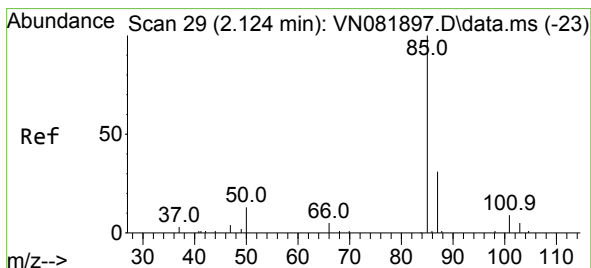
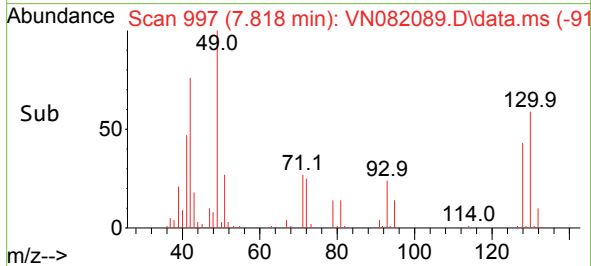
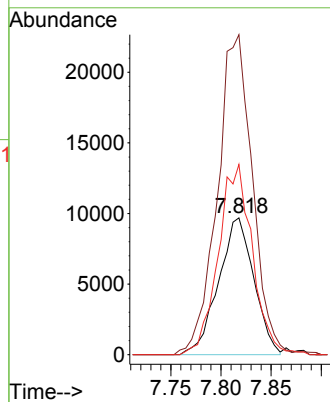
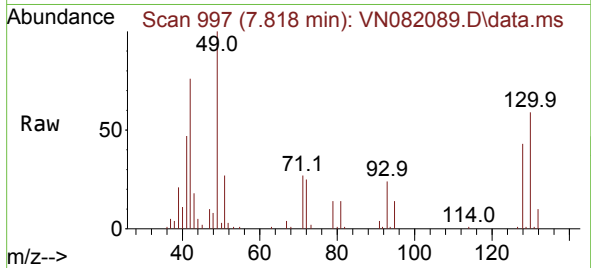




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082089.D
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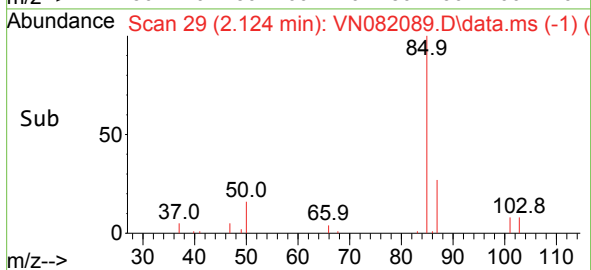
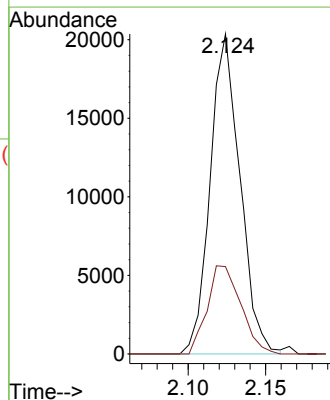
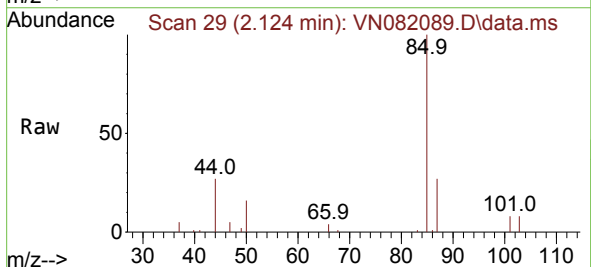
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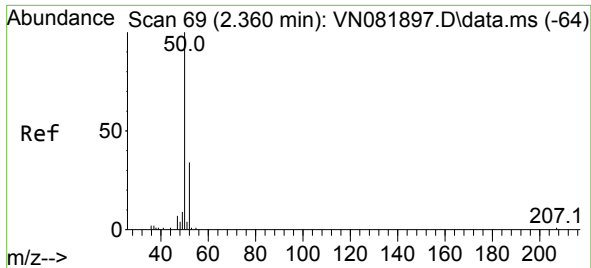
Tgt Ion:128 Resp: 23748
Ion Ratio Lower Upper
128 100
49 231.9 0.0 403.7
130 134.0 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 20.211 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 85 Resp: 27245
Ion Ratio Lower Upper
85 100
87 27.3 16.8 50.3

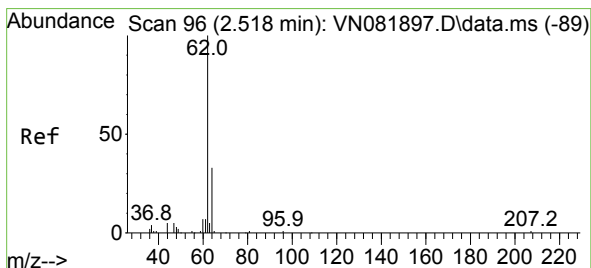
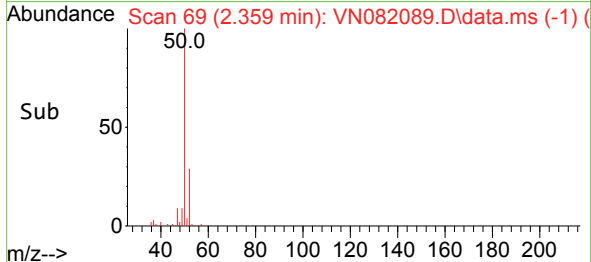
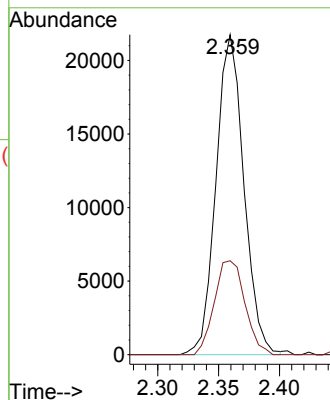
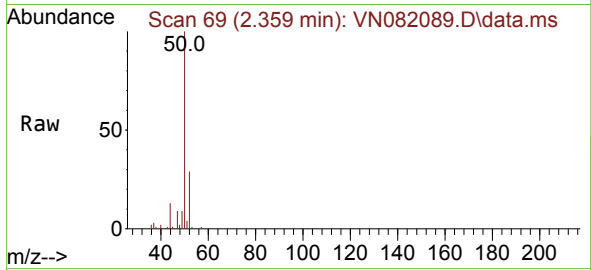




#3
Chloromethane
Concen: 22.160 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

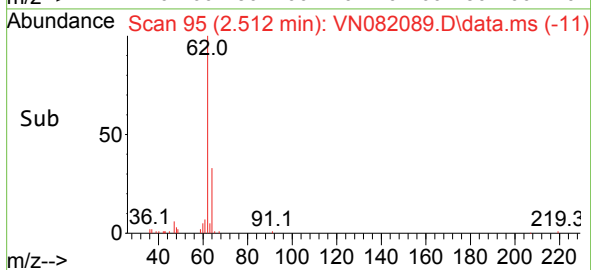
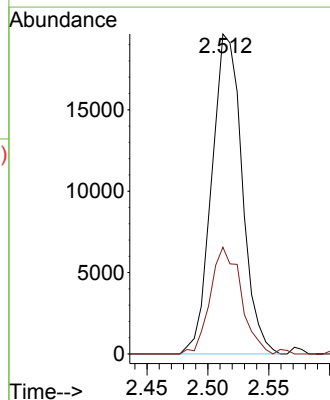
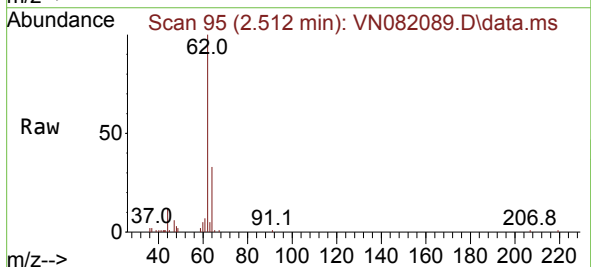
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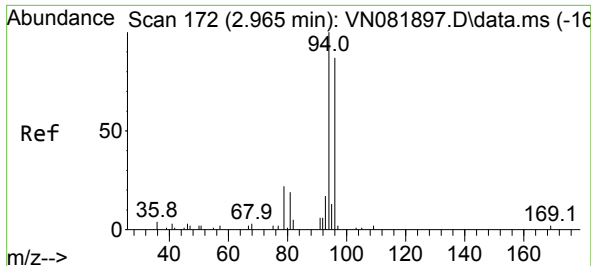
Tgt Ion: 50 Resp: 34643
Ion Ratio Lower Upper
50 100
52 29.3 25.4 38.0



#4
Vinyl Chloride
Concen: 23.079 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 62 Resp: 34084
Ion Ratio Lower Upper
62 100
64 33.4 24.1 36.1

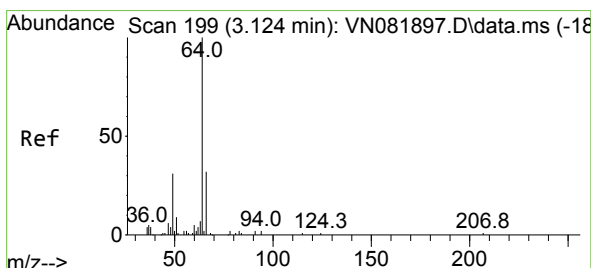
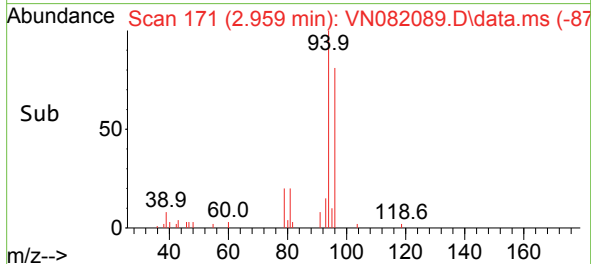
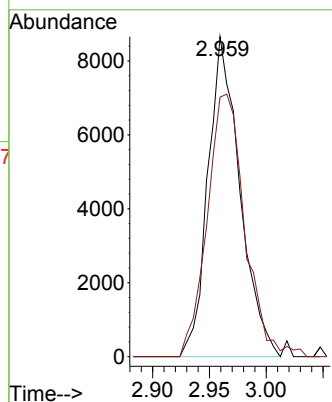
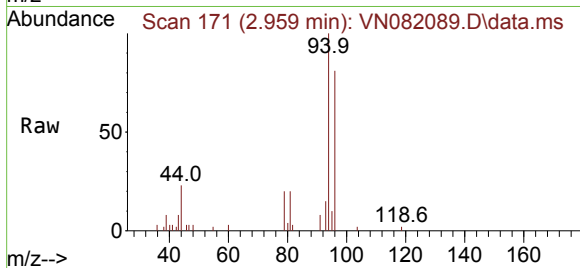




#5
Bromomethane
Concen: 21.922 ug/l
RT: 2.959 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

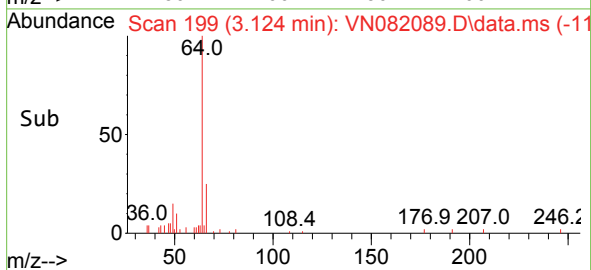
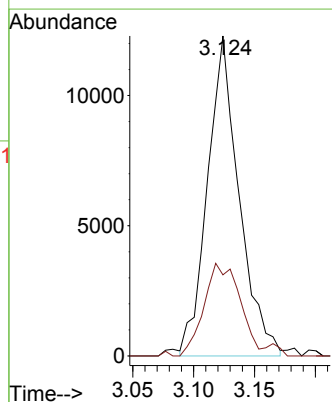
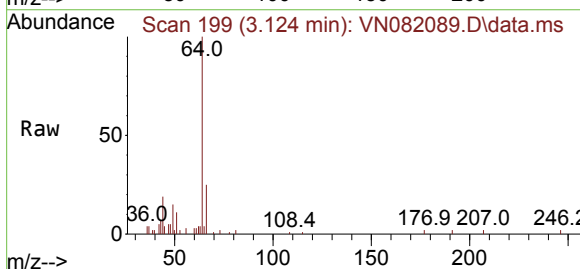
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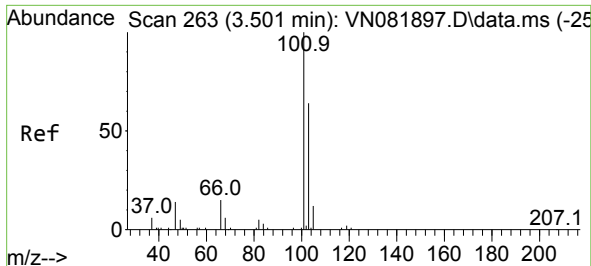
Tgt Ion: 94 Resp: 16894
Ion Ratio Lower Upper
94 100
96 81.1 72.8 109.2



#6
Chloroethane
Concen: 26.512 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 64 Resp: 22172
Ion Ratio Lower Upper
64 100
66 25.7 26.7 40.1#

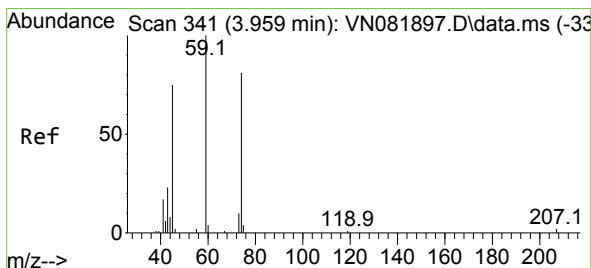
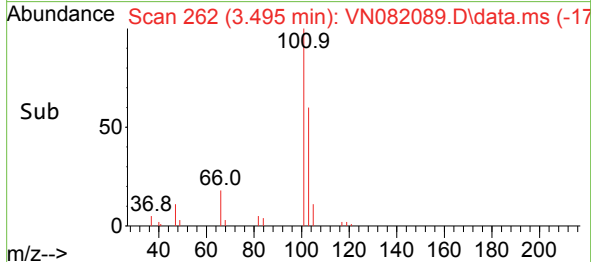
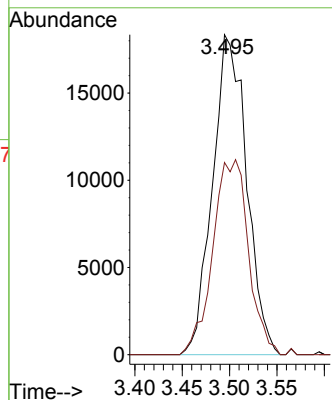
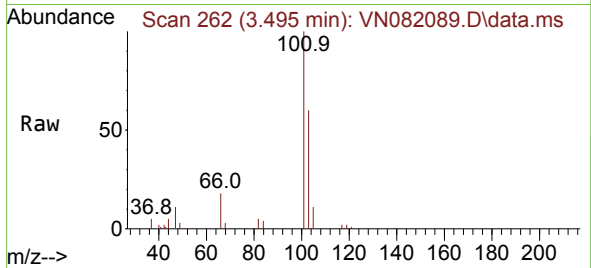




#7
Trichlorofluoromethane
Concen: 21.237 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN082089.D
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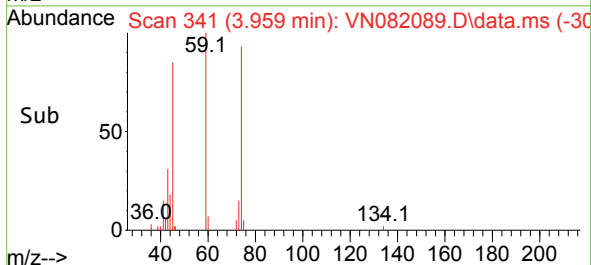
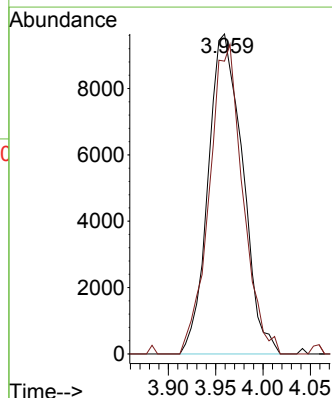
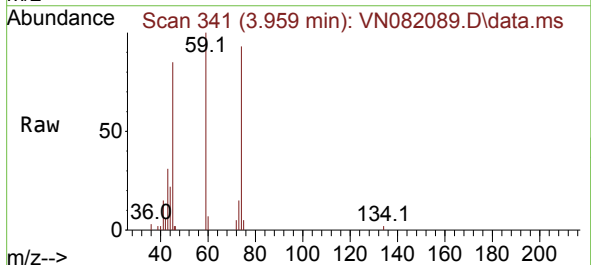
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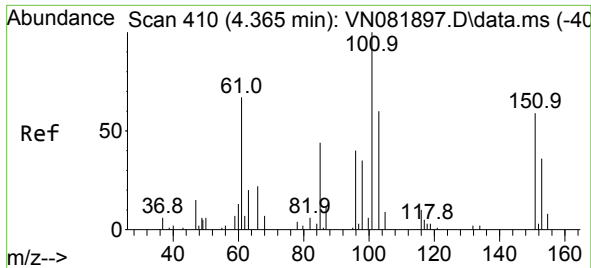
Tgt Ion:101 Resp: 45895
Ion Ratio Lower Upper
101 100
103 60.1 53.0 79.4



#8
Diethyl Ether
Concen: 23.365 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 74 Resp: 24443
Ion Ratio Lower Upper
74 100
45 93.1 16.4 147.4

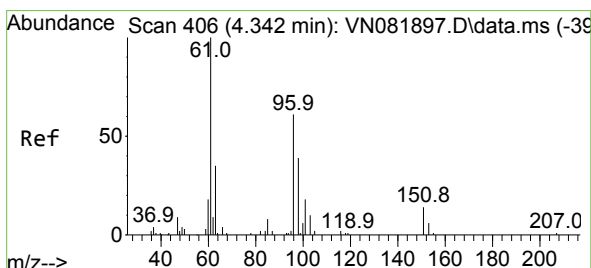
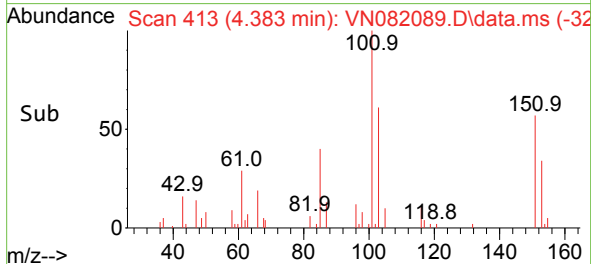
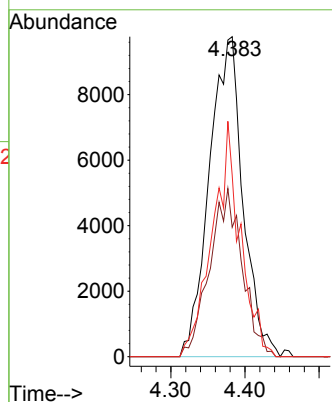
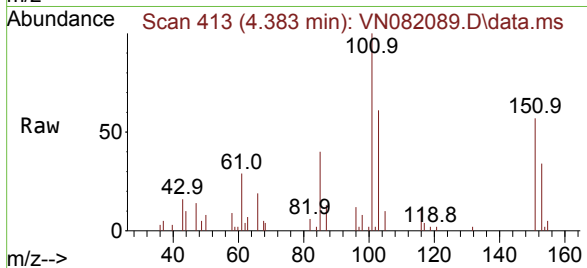




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.800 ug/l
RT: 4.383 min Scan# 410
Delta R.T. 0.017 min
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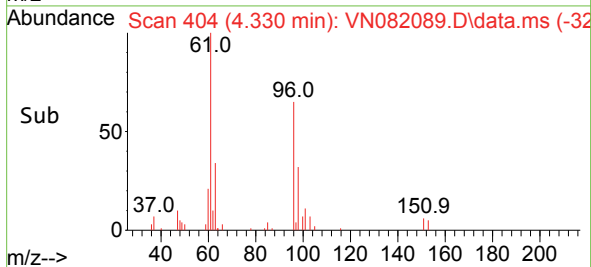
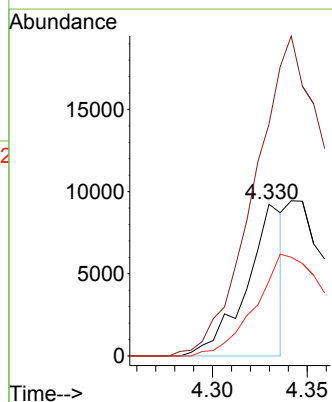
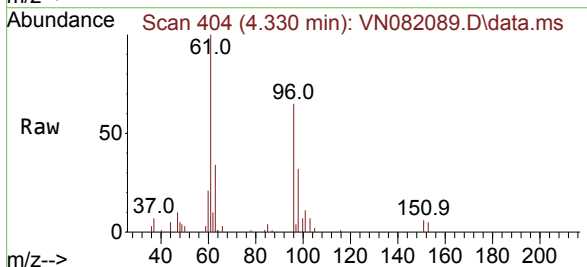
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ClientSampleId :
VN0513WBSD01

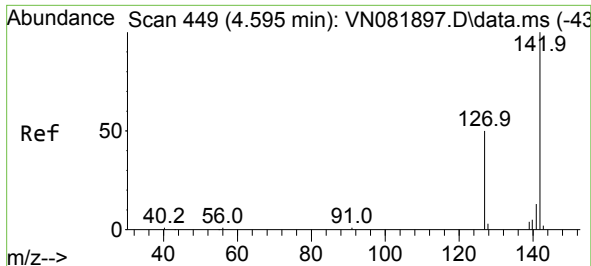
Tgt Ion:101 Resp: 30815
Ion Ratio Lower Upper
101 100
85 50.0 0.0 90.6
151 21.7 0.0 157.6



#10
1,1-Dichloroethene
Concen: 8.554 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.012 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

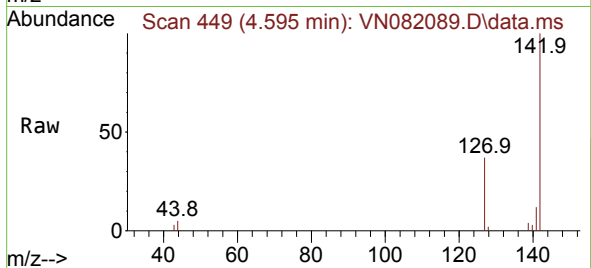
Tgt Ion: 96 Resp: 12398
Ion Ratio Lower Upper
96 100
61 150.0 117.6 176.4
98 49.5 48.4 72.6



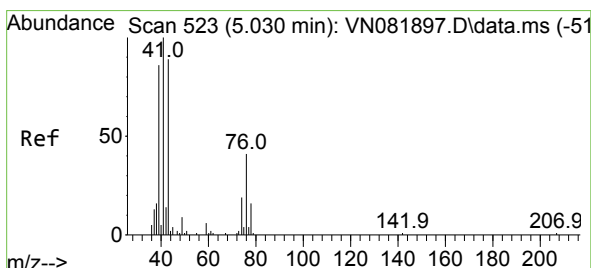
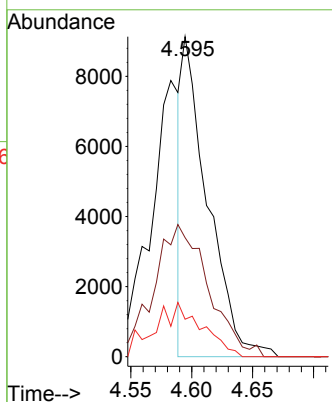
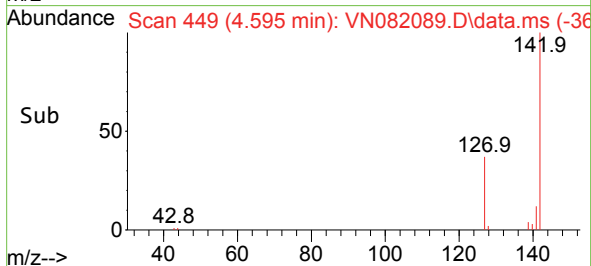


#11
Methyl Iodide
Concen: 10.055 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

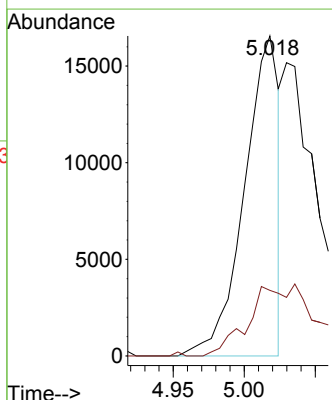
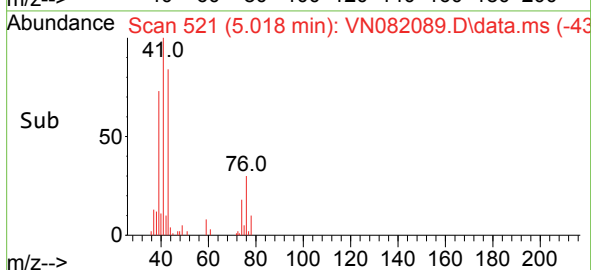
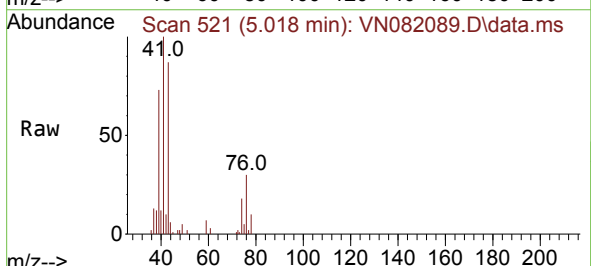


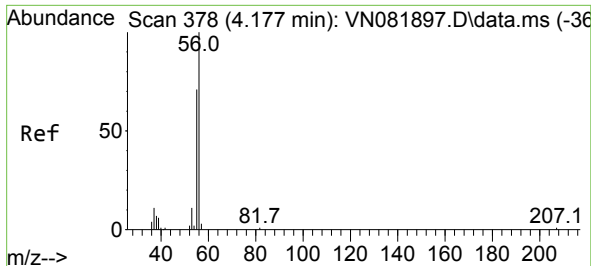
Tgt Ion:142 Resp: 13319
Ion Ratio Lower Upper
142 100
127 28.2 26.3 78.9
141 5.5 8.3 24.9#



#12
Methyl Acetate
Concen: 15.429 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 43 Resp: 28001
Ion Ratio Lower Upper
43 100
74 17.3 27.7 41.5#

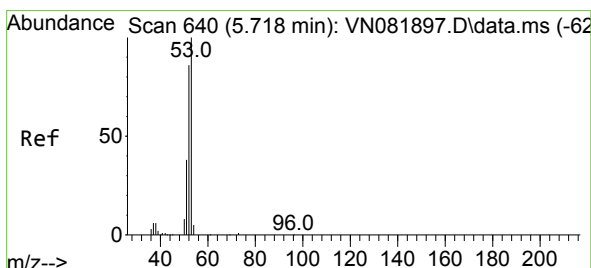
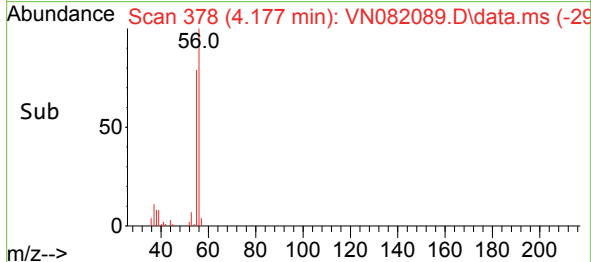
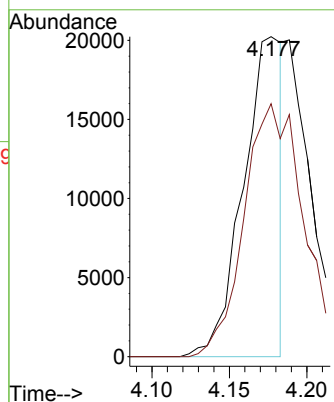
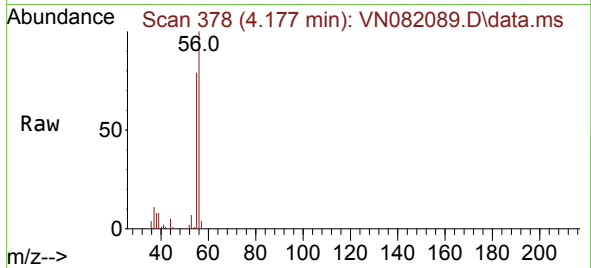




#13
Acrolein
Concen: 91.627 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

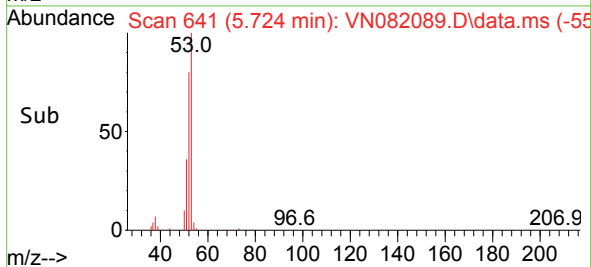
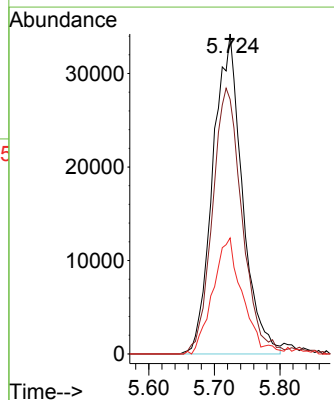
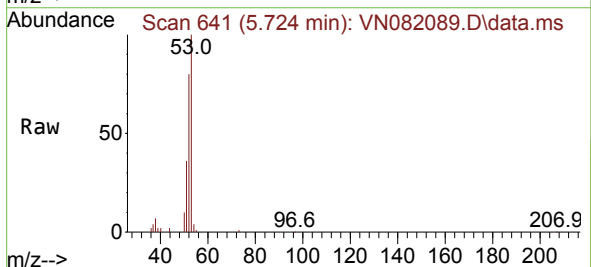
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

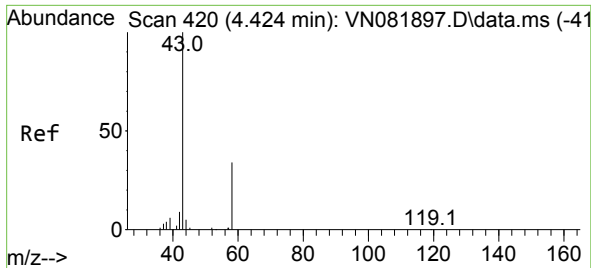
Tgt Ion: 56 Resp: 35342
Ion Ratio Lower Upper
56 100
55 123.8 55.5 83.3#



#14
Acrylonitrile
Concen: 128.464 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 53 Resp: 106406
Ion Ratio Lower Upper
53 100
52 82.6 41.3 123.9
51 35.4 16.8 50.3

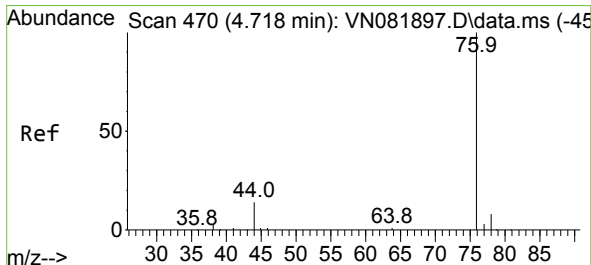
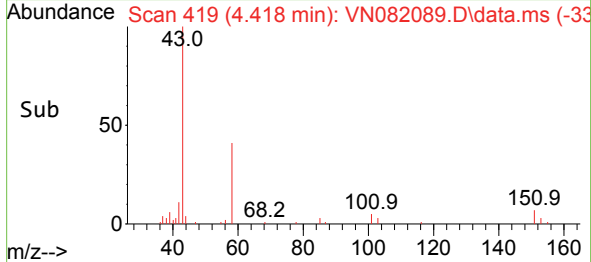
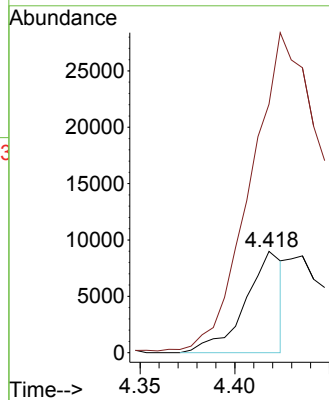
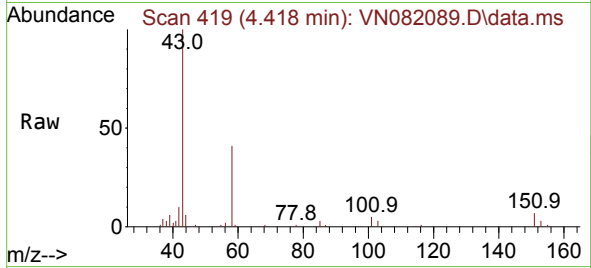




#15
Acetone
Concen: 66.318 ug/l
RT: 4.418 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

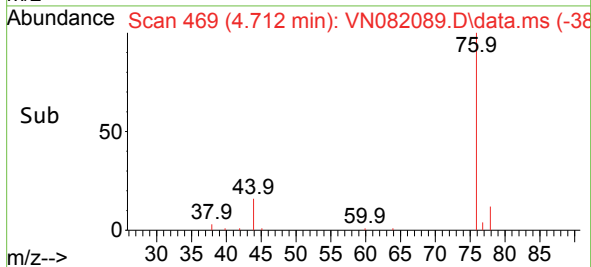
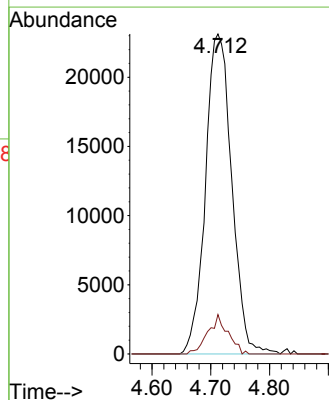
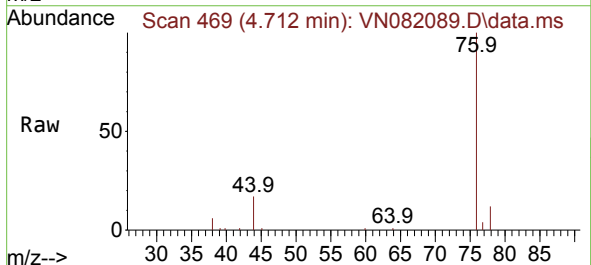
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

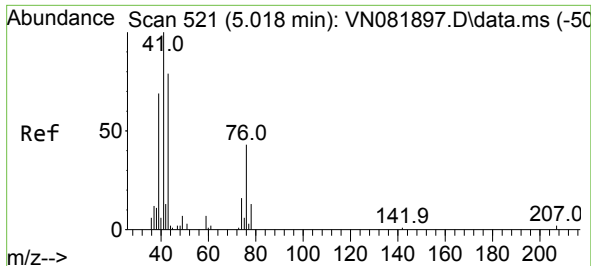
Tgt Ion: 58 Resp: 12309
Ion Ratio Lower Upper
58 100
43 242.3 223.1 334.7



#16
Carbon Disulfide
Concen: 17.865 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 76 Resp: 71738
Ion Ratio Lower Upper
76 100
78 12.3 6.3 9.5#





#17

Allyl chloride

Concen: 22.819 ug/l

RT: 5.018 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN082089.D

Acq: 13 May 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

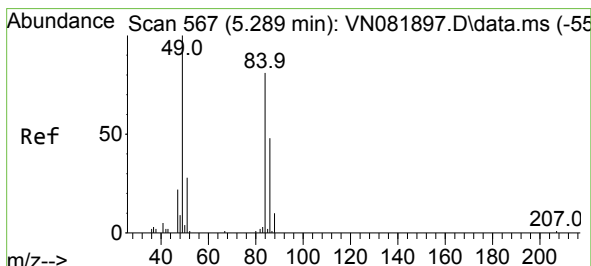
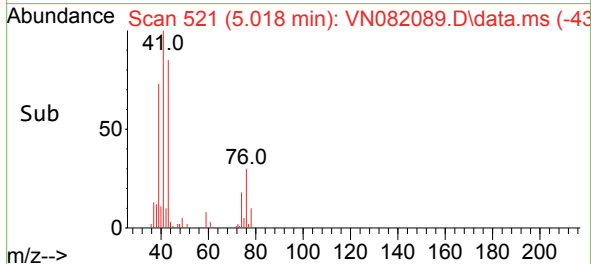
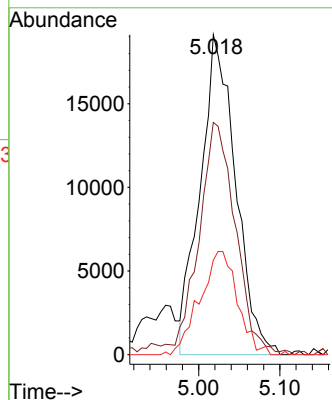
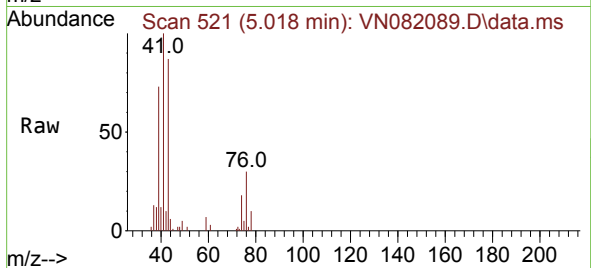
Tgt Ion: 41 Resp: 58067

Ion Ratio Lower Upper

41 100

39 71.6 37.6 112.9

76 29.5 27.8 83.4



#18

Methylene Chloride

Concen: 23.131 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.012 min

Lab File: VN082089.D

Acq: 13 May 2024 12:13

Tgt Ion: 84 Resp: 38146

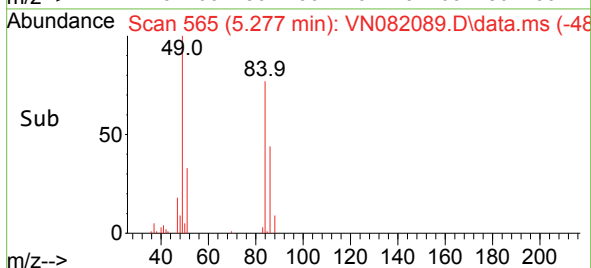
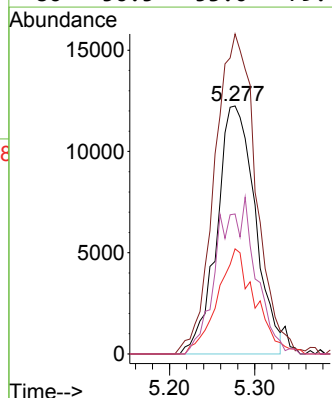
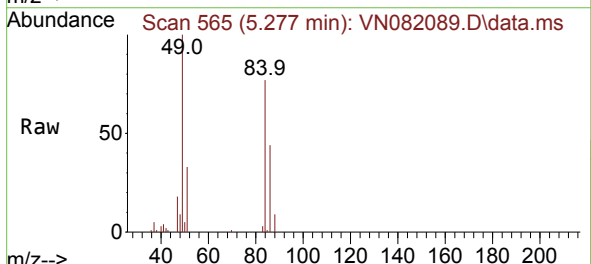
Ion Ratio Lower Upper

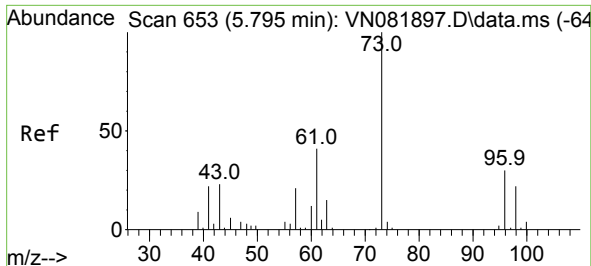
84 100

49 126.4 86.0 129.0

51 42.4 30.0 45.0

86 56.5 53.0 79.4





#19

trans-1,2-Dichloroethene

Concen: 20.670 ug/l

RT: 5.777 min Scan# 61

Delta R.T. -0.018 min

Lab File: VN082089.D

Acq: 13 May 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

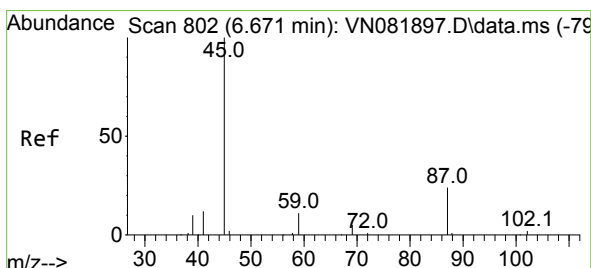
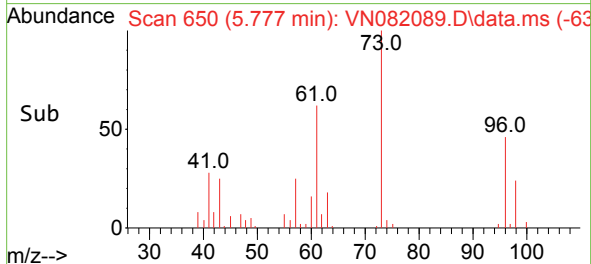
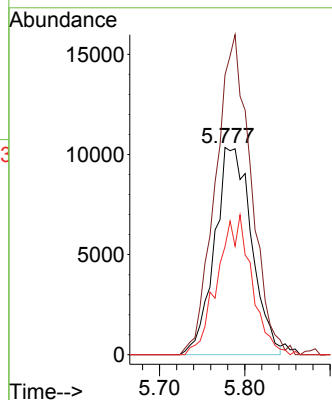
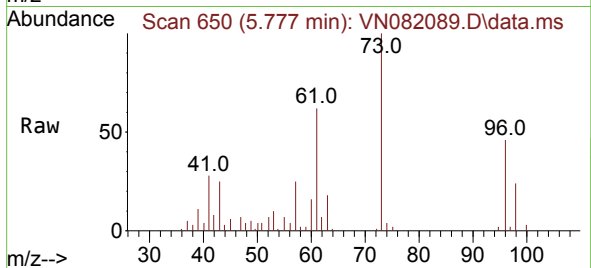
Tgt Ion: 96 Resp: 31185

Ion Ratio Lower Upper

96 100

61 137.1 111.8 167.6

98 52.9 49.2 73.8



#20

Diisopropyl ether

Concen: 24.819 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN082089.D

Acq: 13 May 2024 12:13

Tgt Ion: 45 Resp: 139735

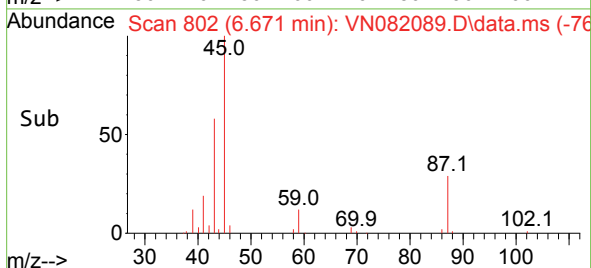
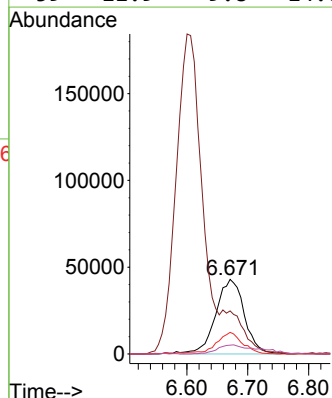
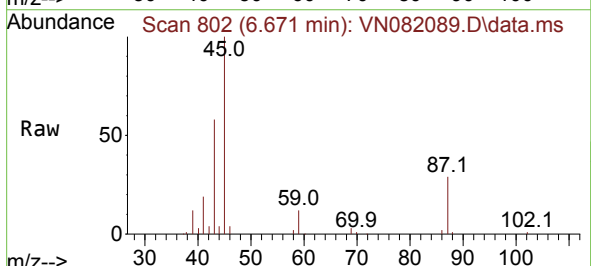
Ion Ratio Lower Upper

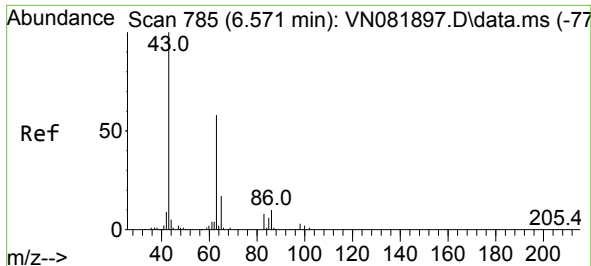
45 100

43 56.2 40.4 60.6

87 29.2 23.8 35.8

59 11.9 9.8 14.6

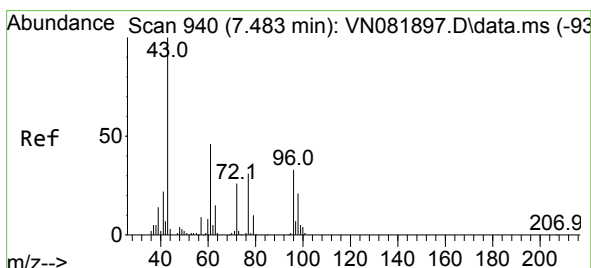
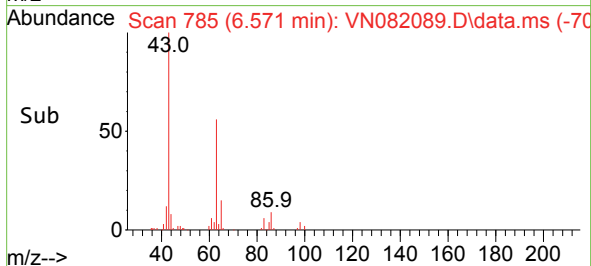
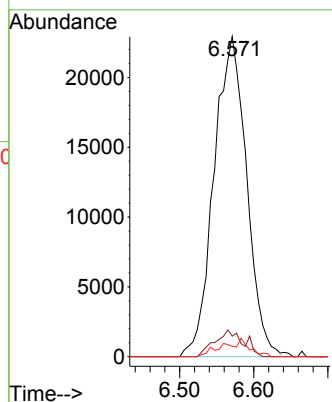
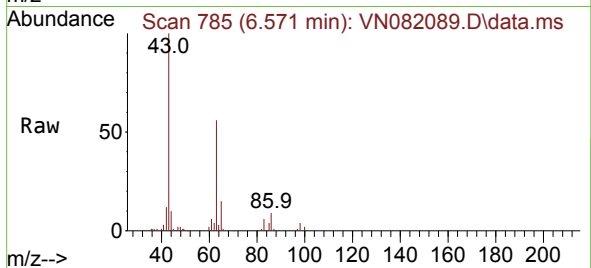




#21
 1,1-Dichloroethane
 Concen: 23.536 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082089.D
 Acq: 13 May 2024 12:13

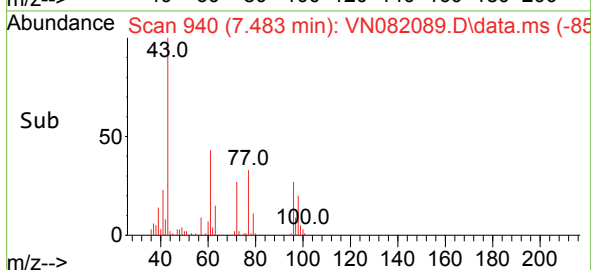
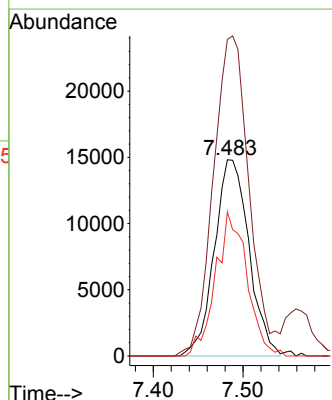
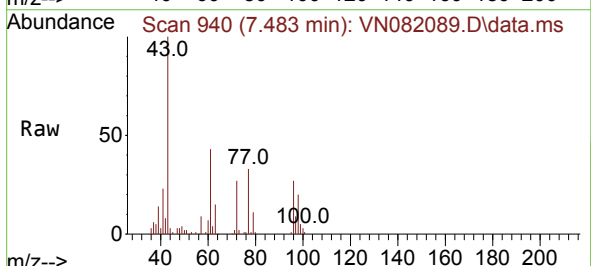
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBSD01

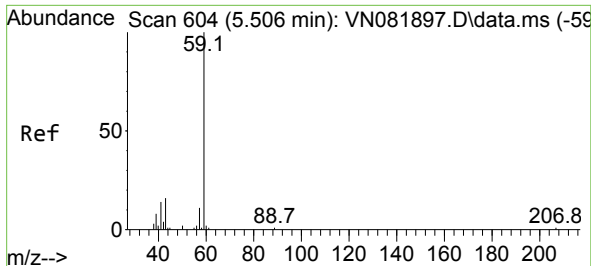
Tgt Ion: 63 Resp: 70164
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.1 12.3
 100 3.2 3.0 9.0



#22
 cis-1,2-Dichloroethene
 Concen: 21.560 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN082089.D
 Acq: 13 May 2024 12:13

Tgt Ion: 96 Resp: 39637
 Ion Ratio Lower Upper
 96 100
 61 165.8 113.5 170.3
 98 66.8 52.0 78.0

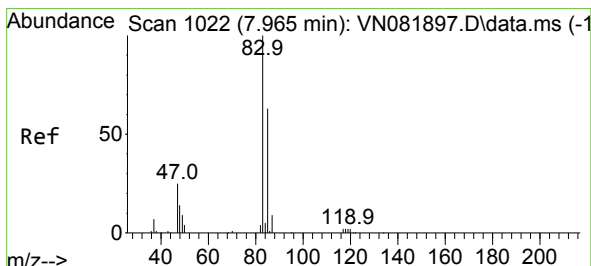
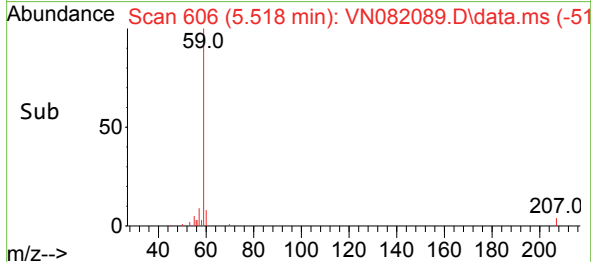
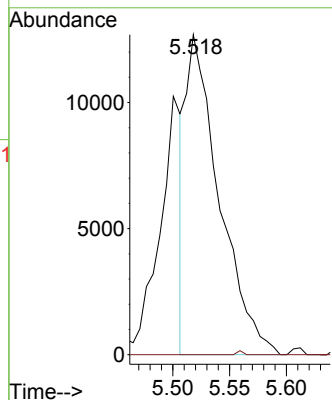
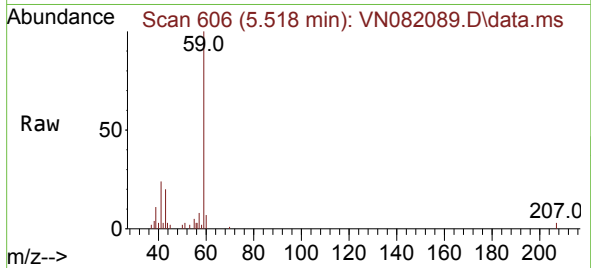




#23
tert-Butyl Alcohol
Concen: 76.476 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

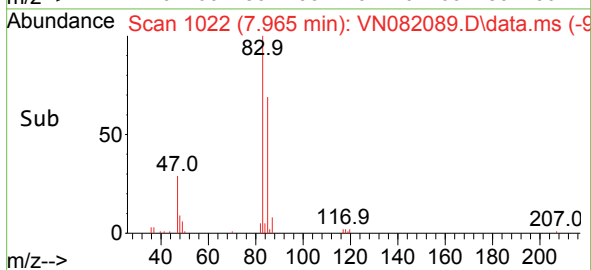
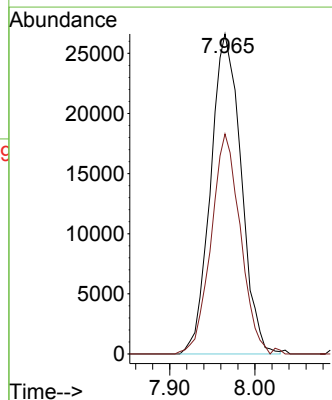
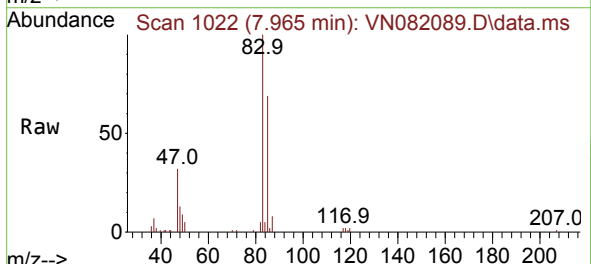
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

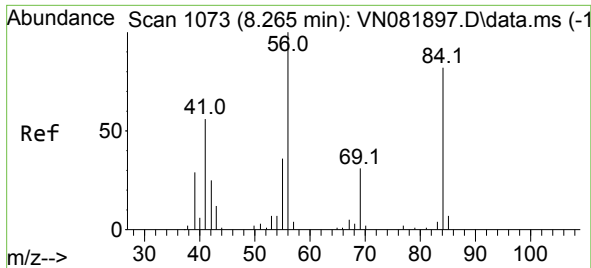
Tgt Ion: 59 Resp: 26092
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#25
Chloroform
Concen: 23.102 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 83 Resp: 66259
Ion Ratio Lower Upper
83 100
85 68.0 50.9 76.3

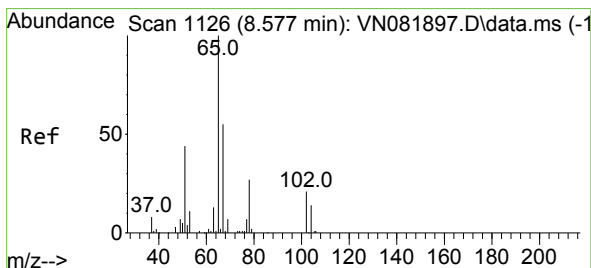
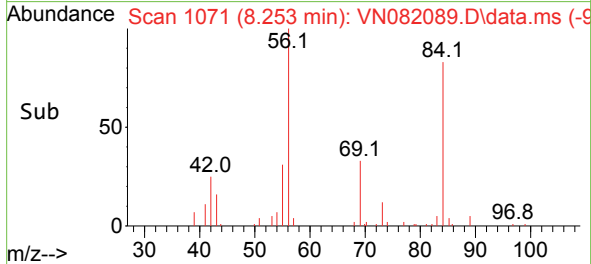
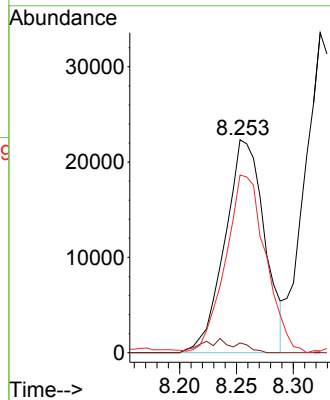
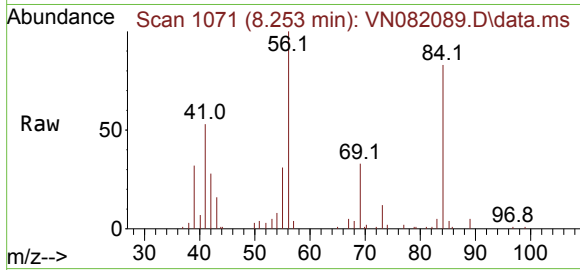




#26
Cyclohexane
Concen: 21.028 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.012 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

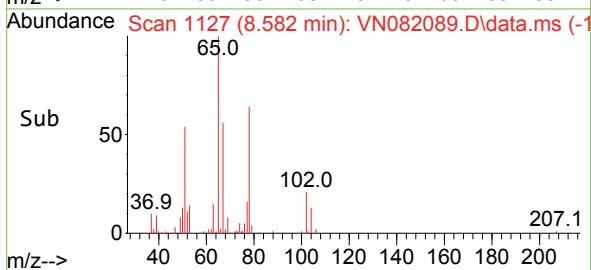
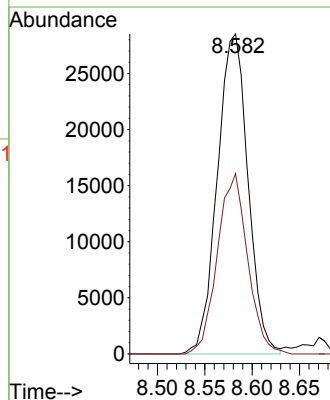
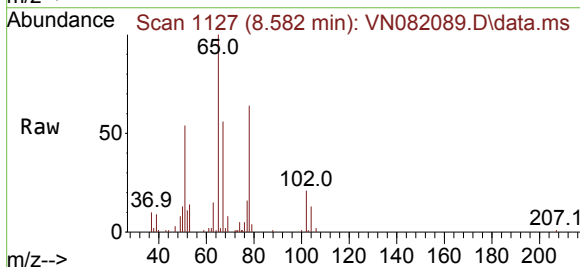
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

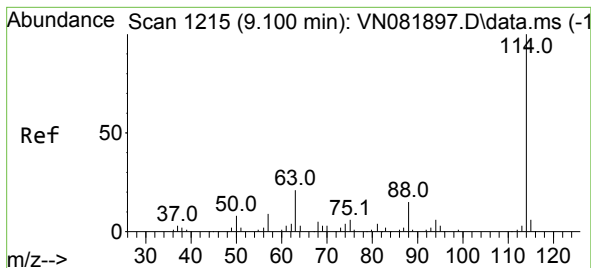
Tgt Ion: 56 Resp: 54210
Ion Ratio Lower Upper
56 100
89 1.5 19.3 28.9#
84 84.4 71.3 106.9



#27
1,2-Dichloroethane-d4
Concen: 32.382 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 65 Resp: 64386
Ion Ratio Lower Upper
65 100
67 55.4 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082089.D

Acq: 13 May 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

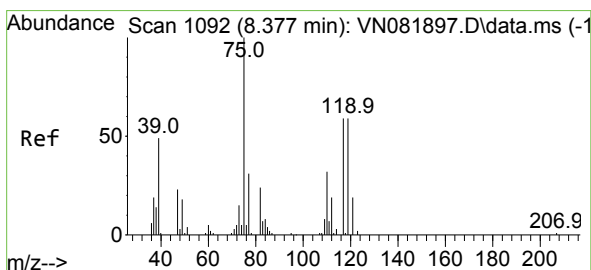
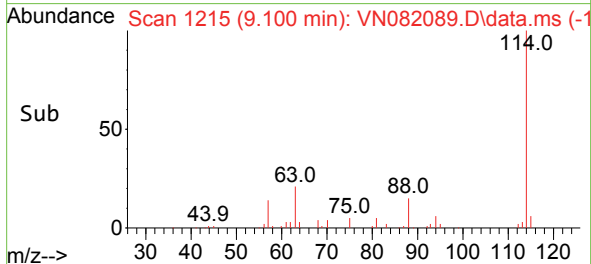
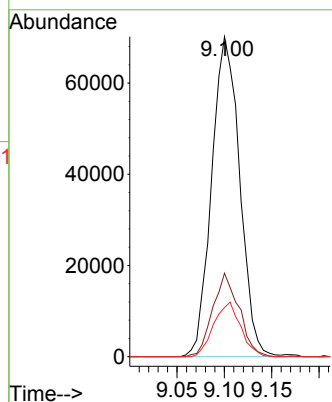
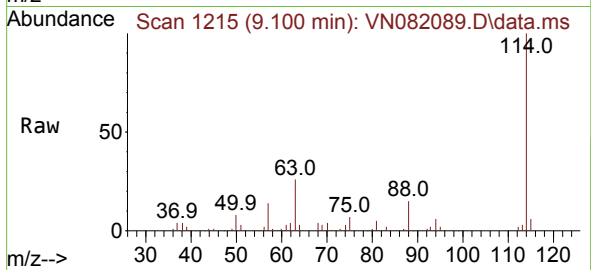
Tgt Ion:114 Resp: 144472

Ion Ratio Lower Upper

114 100

63 24.5 15.9 23.9#

88 16.4 12.7 19.1



#29

1,1-Dichloropropene

Concen: 20.804 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN082089.D

Acq: 13 May 2024 12:13

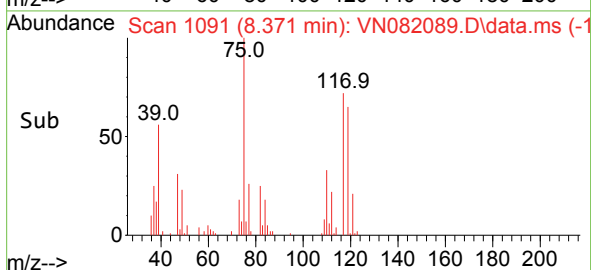
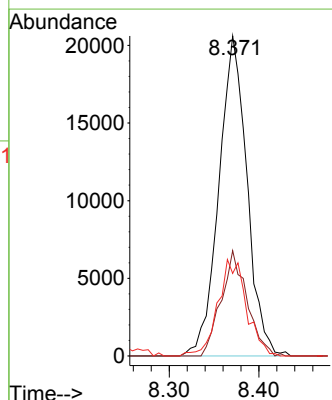
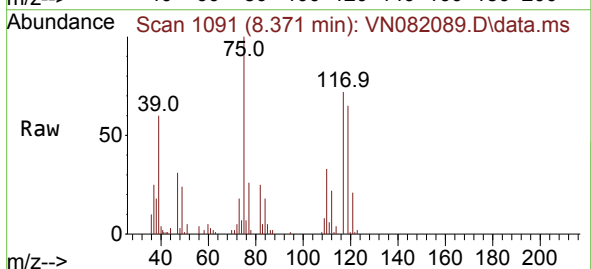
Tgt Ion: 75 Resp: 44747

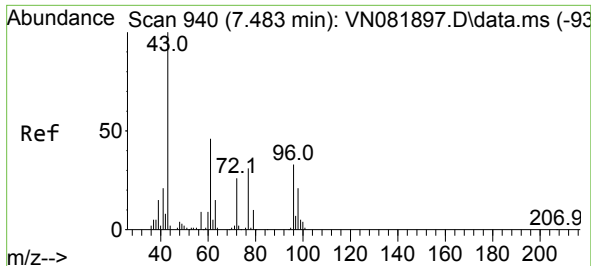
Ion Ratio Lower Upper

75 100

110 30.3 0.0 70.2

77 30.3 0.0 61.4

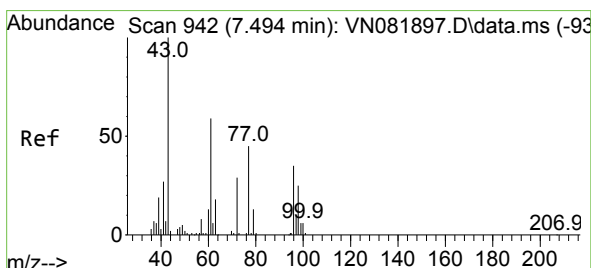
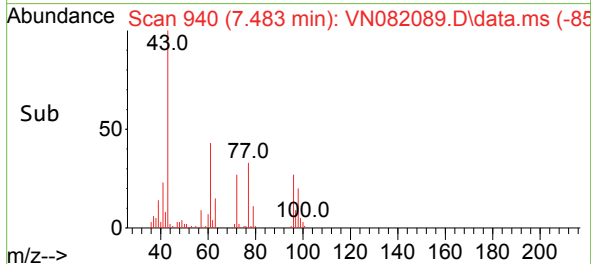
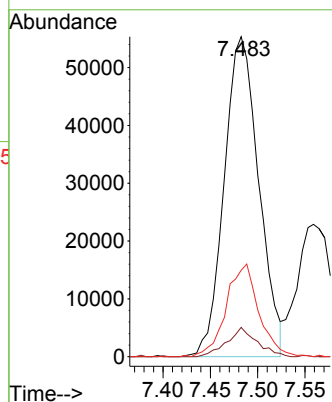
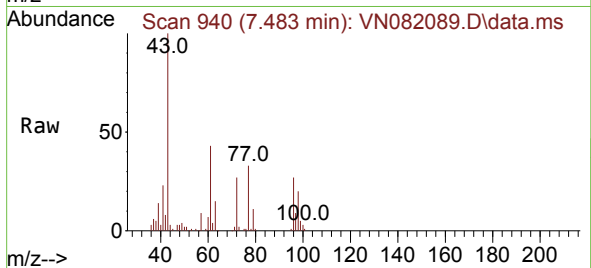




#30
2-Butanone
Concen: 127.029 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

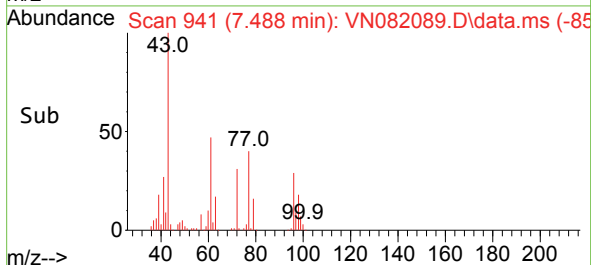
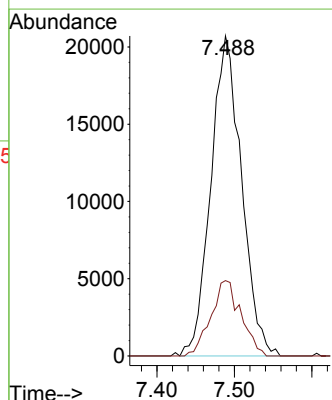
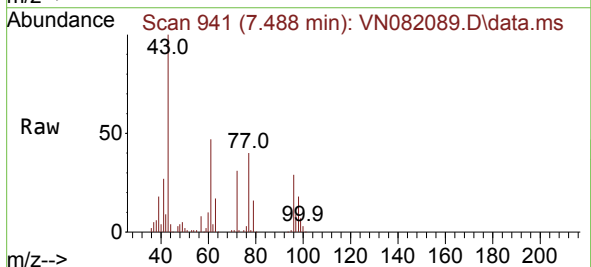
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

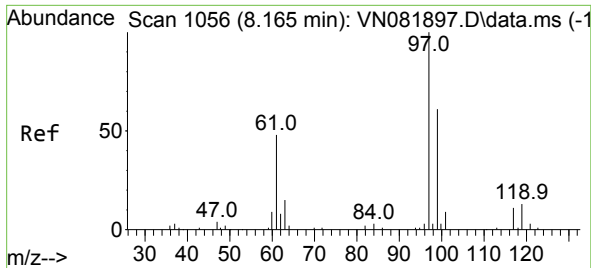
Tgt Ion: 43 Resp: 140837
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 27.2 24.0 36.0



#31
2,2-Dichloropropane
Concen: 25.849 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 77 Resp: 56974
Ion Ratio Lower Upper
77 100
97 23.1 18.3 27.5





#32

1,1,1-Trichloroethane

Concen: 21.479 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082089.D

Acq: 13 May 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

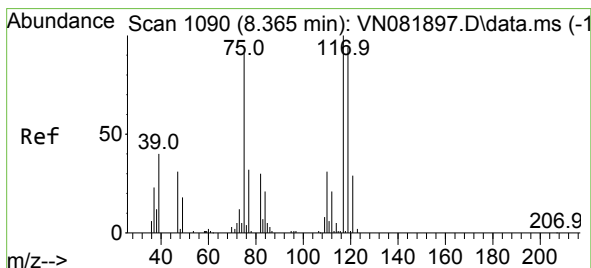
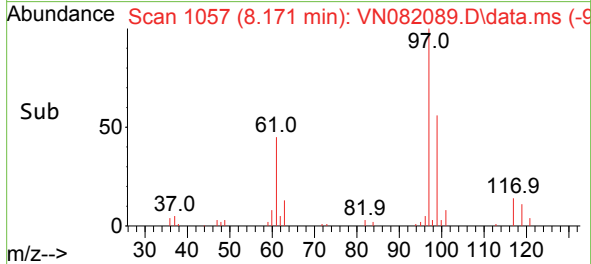
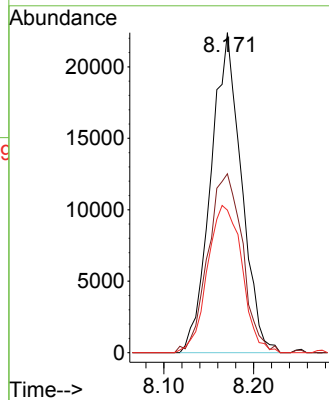
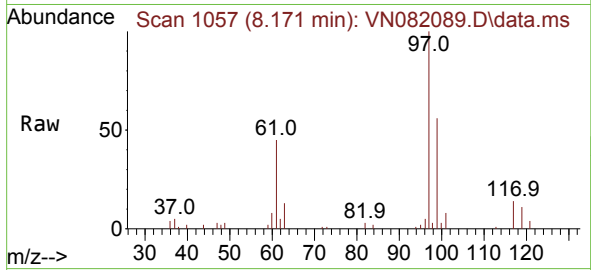
Tgt Ion: 97 Resp: 53132

Ion Ratio Lower Upper

97 100

99 62.8 51.0 76.4

61 51.8 33.8 50.8#



#33

Carbon Tetrachloride

Concen: 12.267 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.012 min

Lab File: VN082089.D

Acq: 13 May 2024 12:13

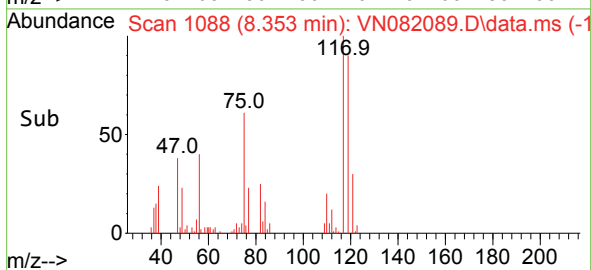
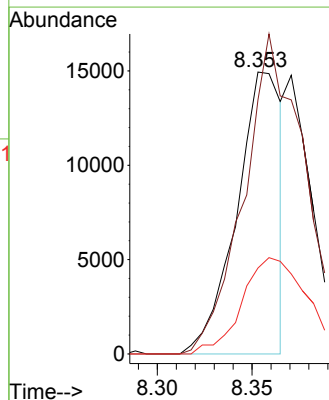
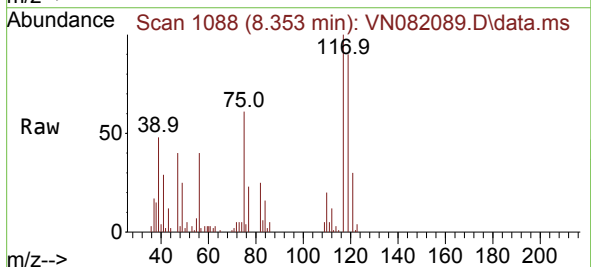
Tgt Ion: 117 Resp: 24627

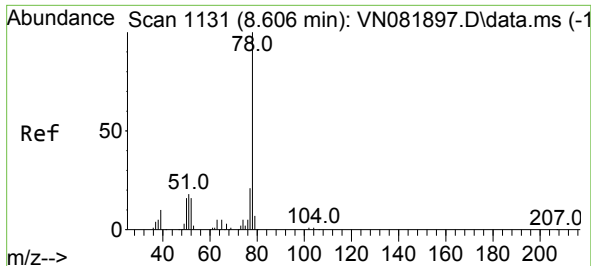
Ion Ratio Lower Upper

117 100

119 90.2 77.7 116.5

121 30.5 27.0 40.6

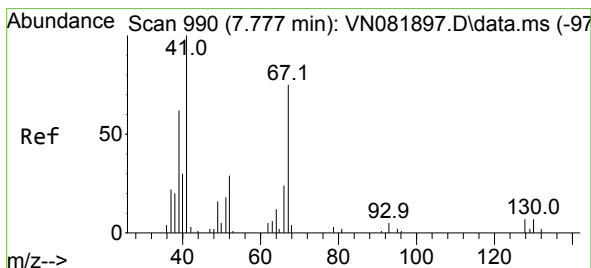
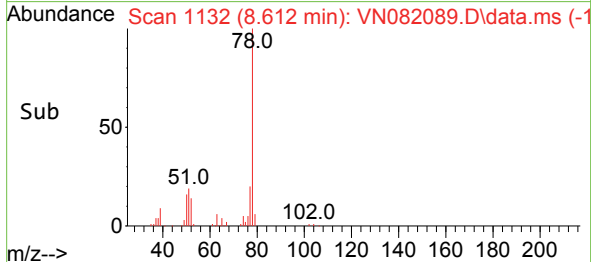
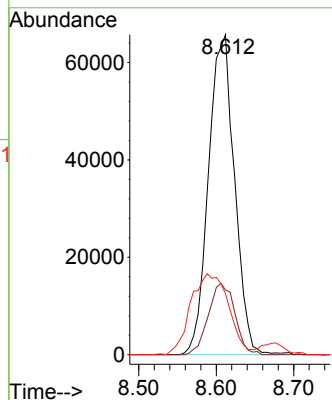
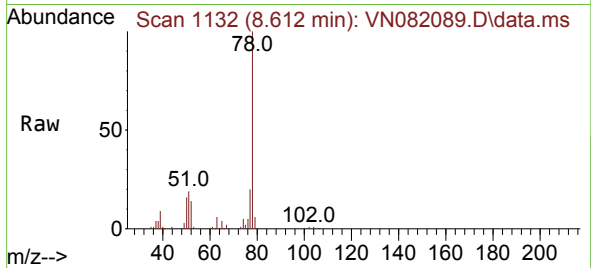




#34
Benzene
Concen: 22.371 ug/l
RT: 8.612 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

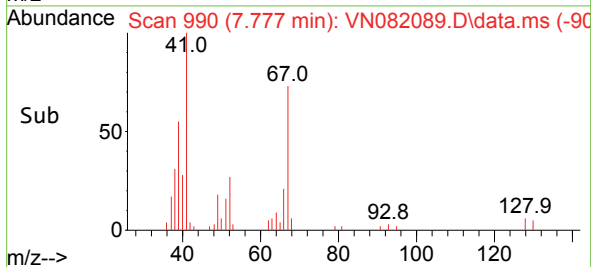
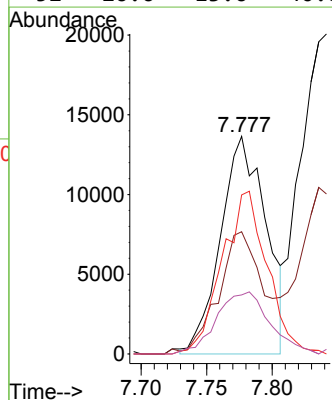
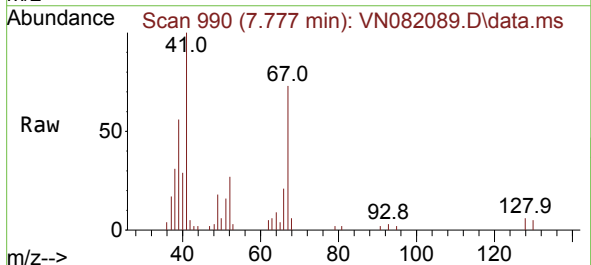
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

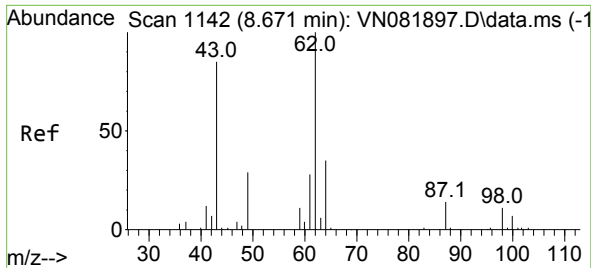
Tgt Ion: 78 Resp: 153499
Ion Ratio Lower Upper
78 100
77 20.2 19.2 28.8
51 16.1 13.3 19.9



#35
Methacrylonitrile
Concen: 23.469 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 41 Resp: 32919
Ion Ratio Lower Upper
41 100
39 56.1 25.3 75.9
67 73.5 38.7 116.1
52 26.6 13.6 40.8





#36

1,2-Dichloroethane

Concen: 22.601 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN082089.D

Acq: 13 May 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

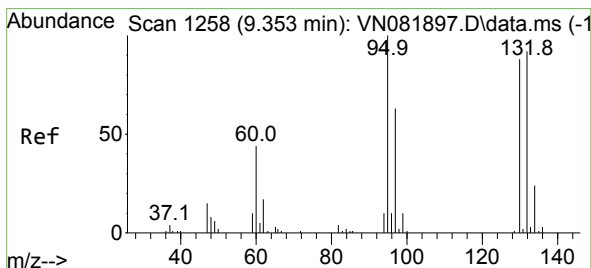
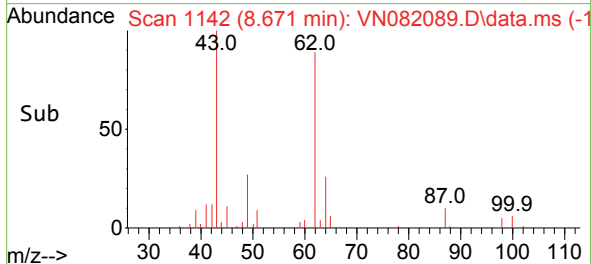
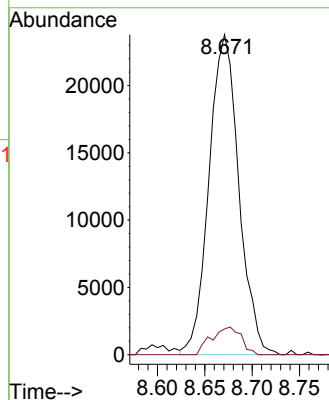
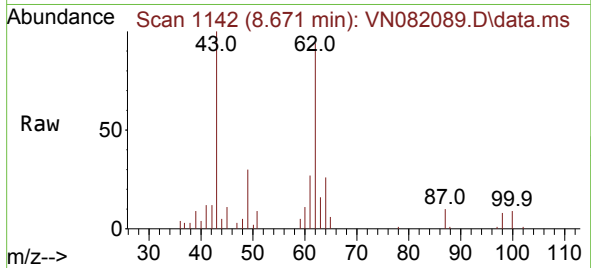
VN0513WBSD01

Tgt Ion: 62 Resp: 52060

Ion Ratio Lower Upper

62 100

98 8.6 8.2 12.4



#37

Trichloroethene

Concen: 18.313 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN082089.D

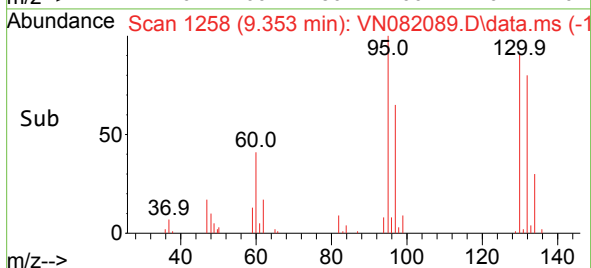
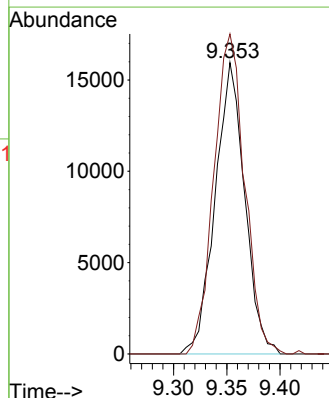
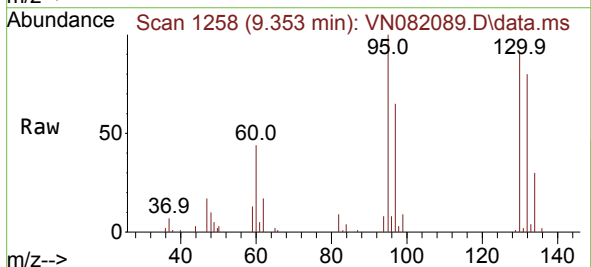
Acq: 13 May 2024 12:13

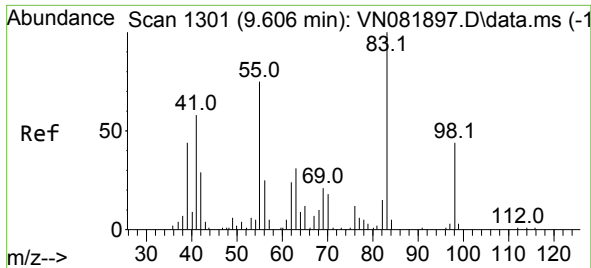
Tgt Ion:130 Resp: 30777

Ion Ratio Lower Upper

130 100

95 109.9 80.2 120.4

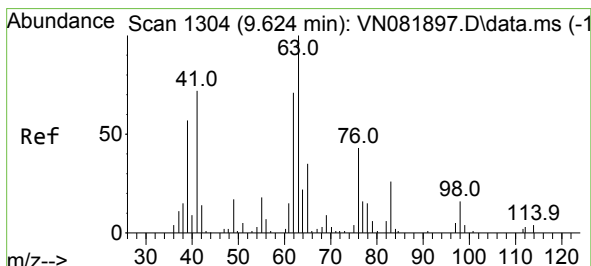
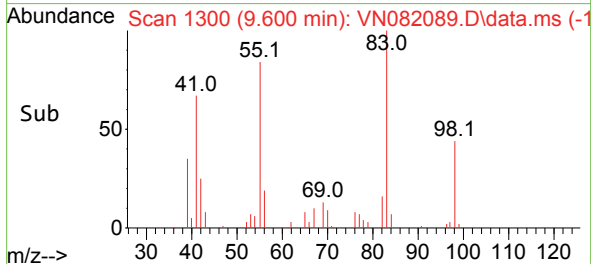
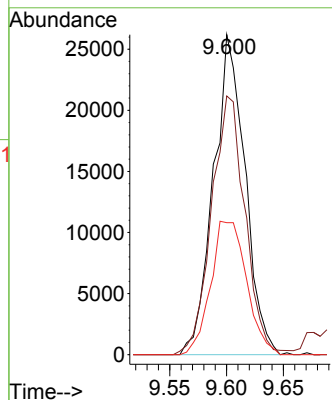
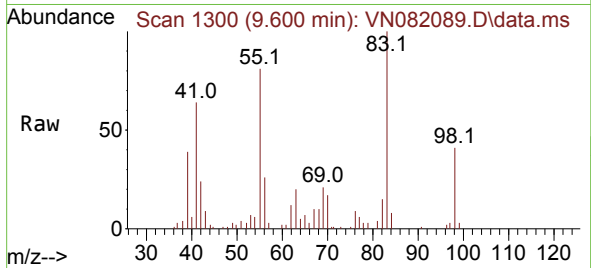




#38
Methylcyclohexane
Concen: 19.467 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

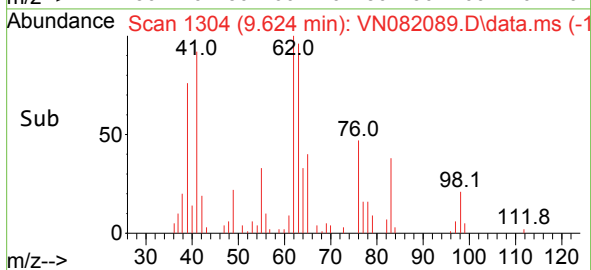
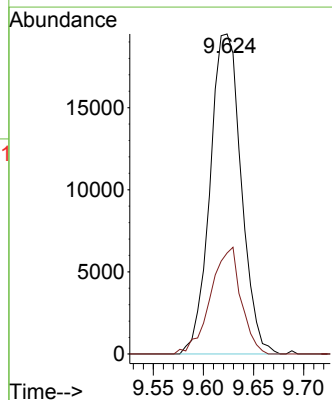
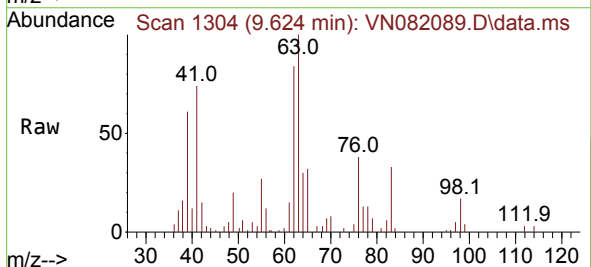
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

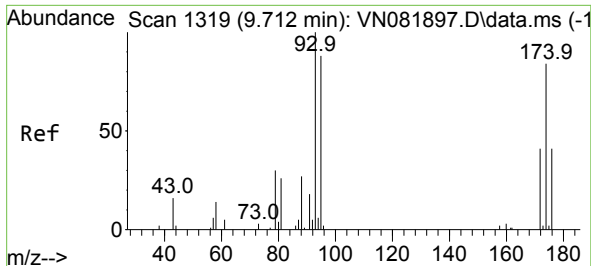
Tgt Ion: 83 Resp: 50580
Ion Ratio Lower Upper
83 100
55 85.5 36.6 109.9
98 47.4 23.8 71.5



#39
1,2-Dichloropropane
Concen: 23.950 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 63 Resp: 42167
Ion Ratio Lower Upper
63 100
65 31.6 25.0 37.4

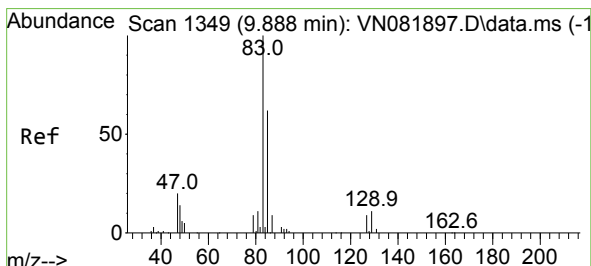
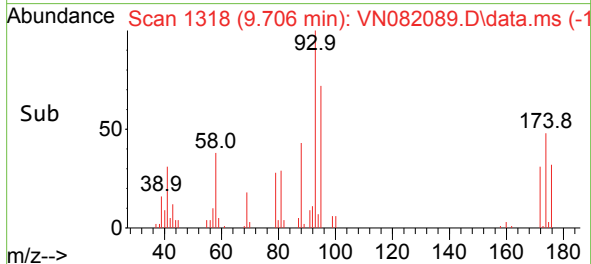
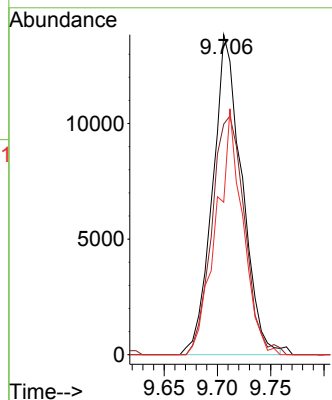
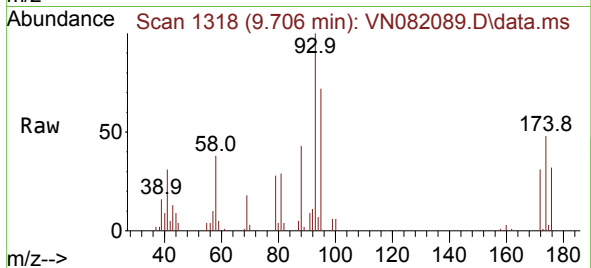




#40
Dibromomethane
Concen: 23.383 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

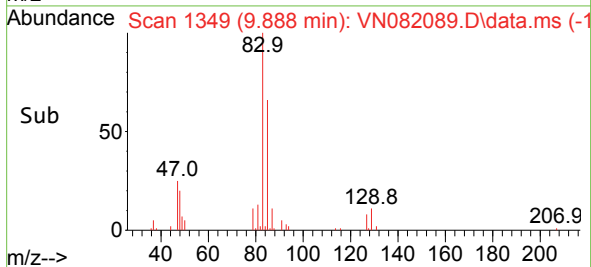
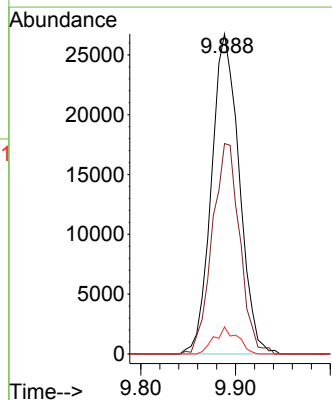
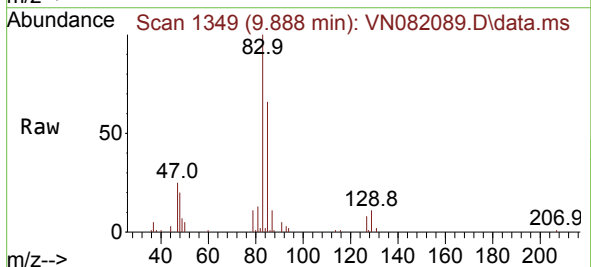
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

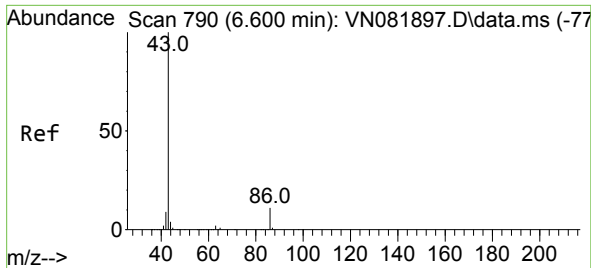
Tgt Ion: 93 Resp: 26448
Ion Ratio Lower Upper
93 100
95 82.3 0.0 164.6
174 69.7 0.0 193.2



#41
Bromodichloromethane
Concen: 22.493 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 83 Resp: 54376
Ion Ratio Lower Upper
83 100
85 65.8 49.4 74.2
127 9.2 7.3 10.9

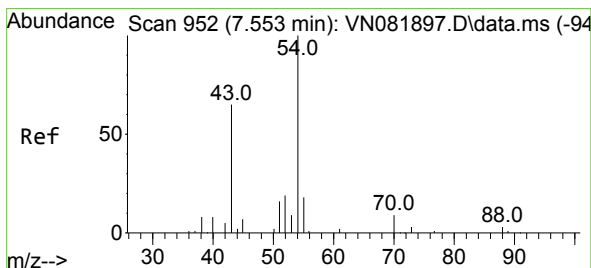
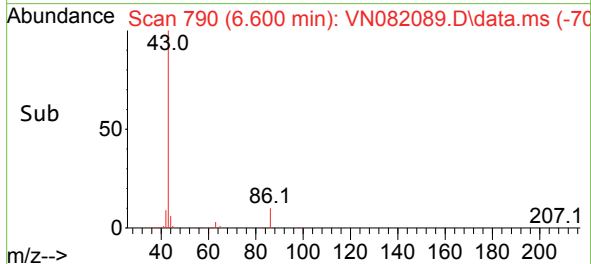
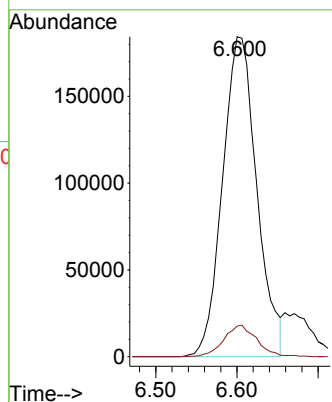
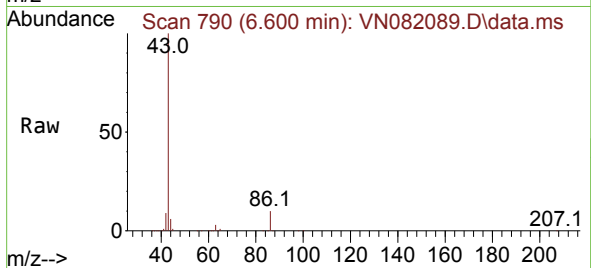




#42
Vinyl Acetate
Concen: 114.574 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

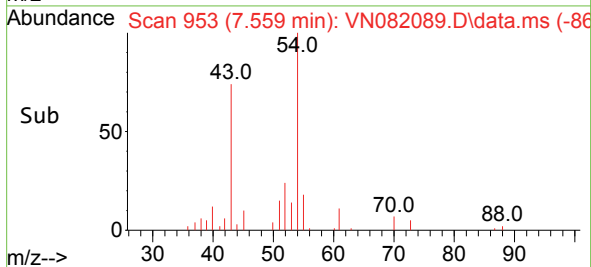
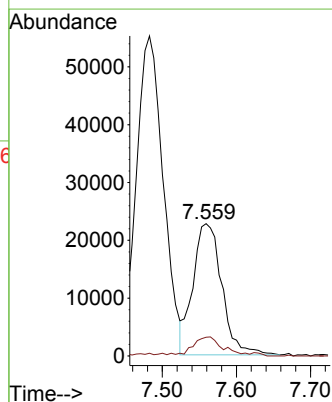
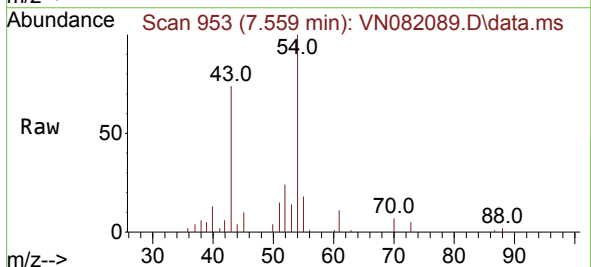
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

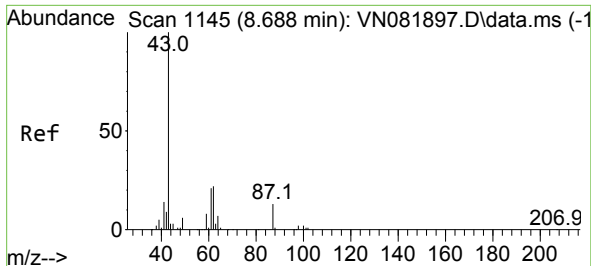
Tgt Ion: 43 Resp: 540672
Ion Ratio Lower Upper
43 100
86 9.4 9.4 14.2#



#43
Ethyl Acetate
Concen: 25.414 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 43 Resp: 61434
Ion Ratio Lower Upper
43 100
45 10.1 10.6 15.8#

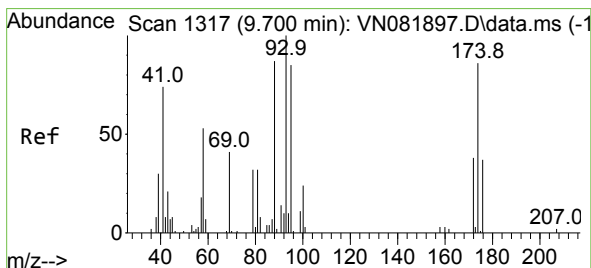
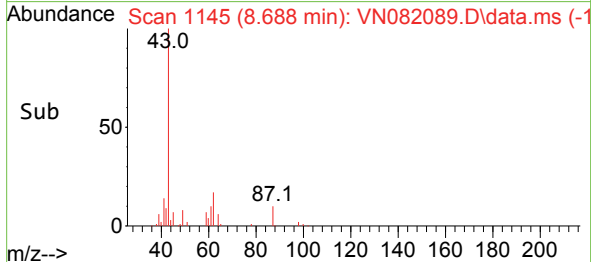
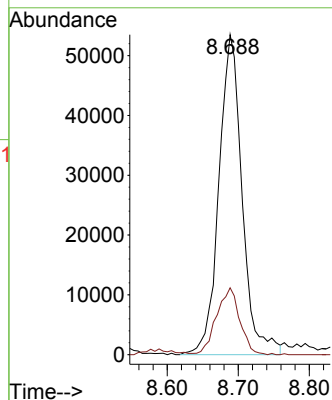
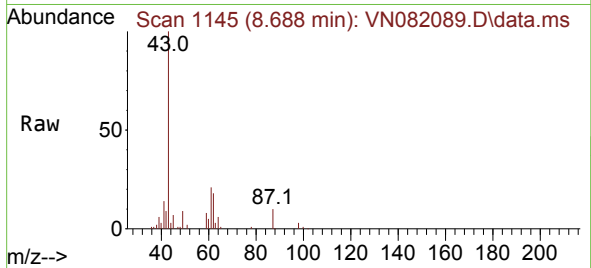




#44
Isopropyl Acetate
Concen: 28.300 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

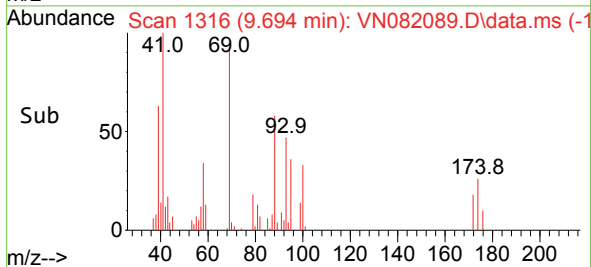
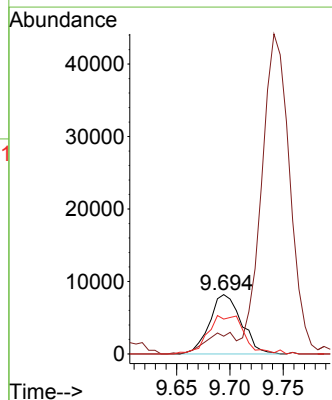
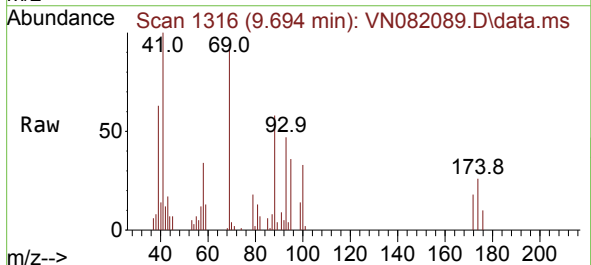
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

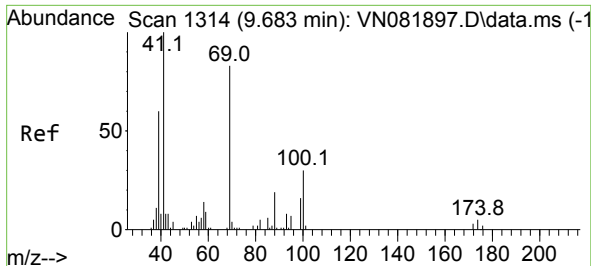
Tgt Ion: 43 Resp: 121450
Ion Ratio Lower Upper
43 100
61 20.9 25.0 37.4#



#45
1,4-Dioxane
Concen: 495.980 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 88 Resp: 17070
Ion Ratio Lower Upper
88 100
43 0.3 19.8 29.6#
58 36.9 55.4 83.0#





#46

Methyl methacrylate

Concen: 22.037 ug/l

RT: 9.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082089.D

Acq: 13 May 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

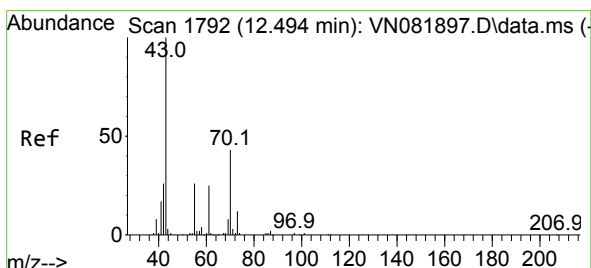
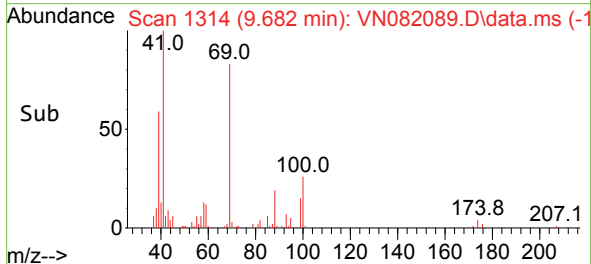
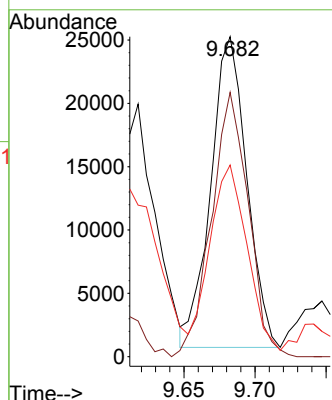
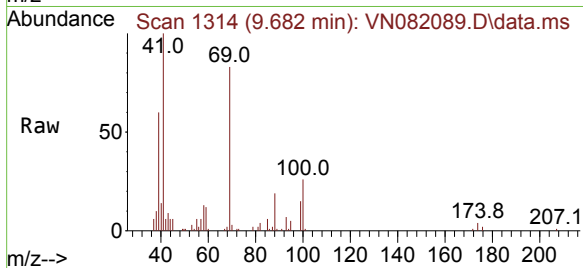
Tgt Ion: 41 Resp: 43206

Ion Ratio Lower Upper

41 100

69 83.1 51.1 153.3

39 59.7 25.8 77.3



#47

n-amy1 Acetate

Concen: 23.081 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082089.D

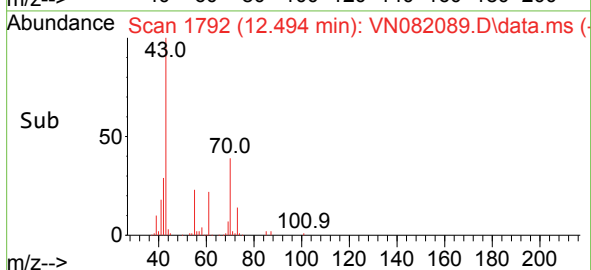
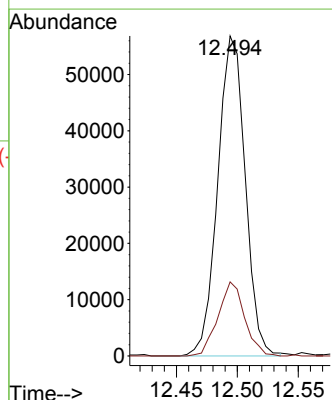
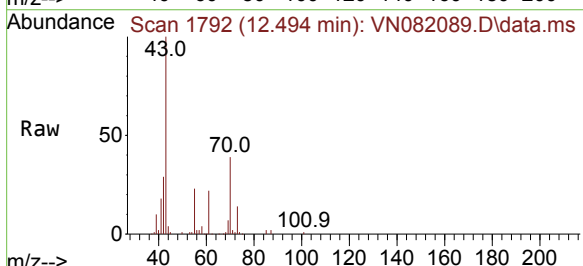
Acq: 13 May 2024 12:13

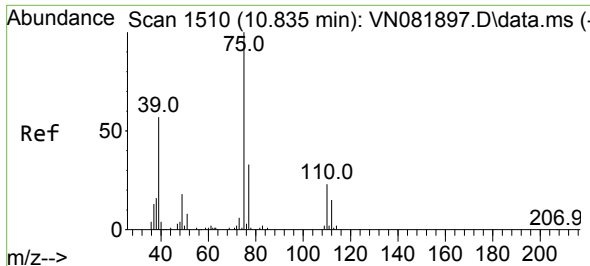
Tgt Ion: 43 Resp: 89340

Ion Ratio Lower Upper

43 100

55 22.5 23.4 35.2#

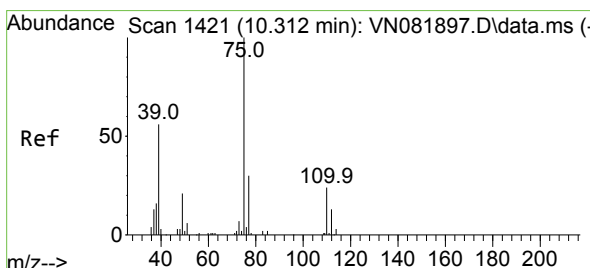
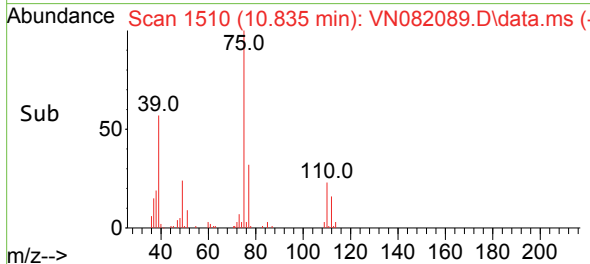
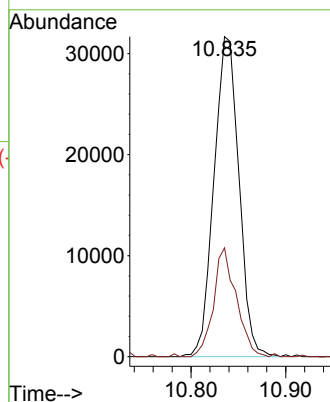
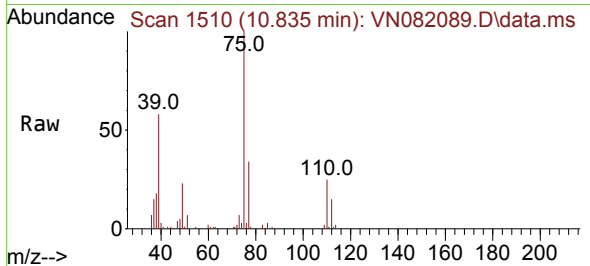




#48
 t-1,3-Dichloropropene
 Concen: 22.131 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN082089.D
 Acq: 13 May 2024 12:13

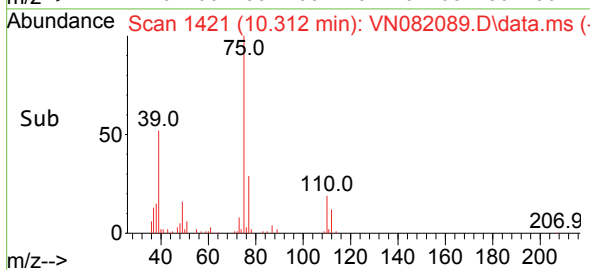
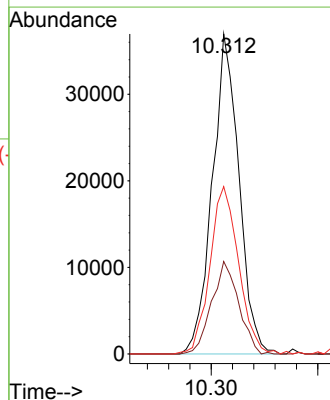
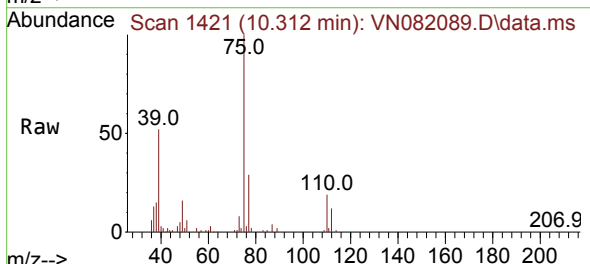
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBSD01

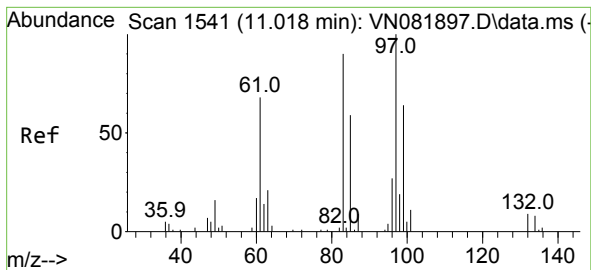
Tgt Ion: 75 Resp: 58020
 Ion Ratio Lower Upper
 75 100
 77 34.0 23.8 35.6



#49
 cis-1,3-Dichloropropene
 Concen: 23.118 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082089.D
 Acq: 13 May 2024 12:13

Tgt Ion: 75 Resp: 64077
 Ion Ratio Lower Upper
 75 100
 77 28.9 24.9 37.3
 39 52.3 31.0 46.6#



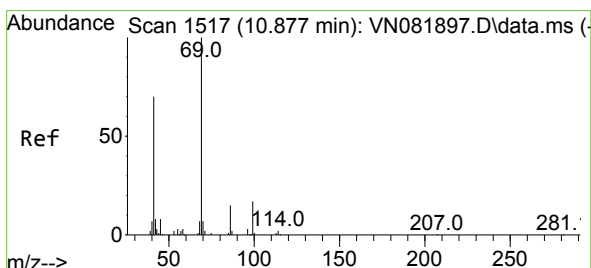
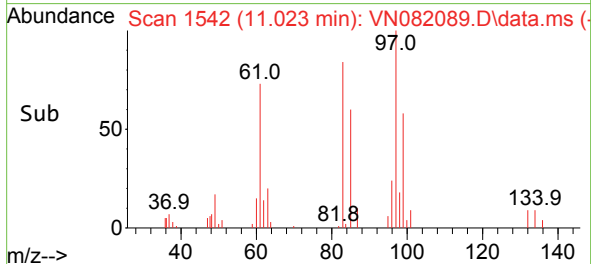
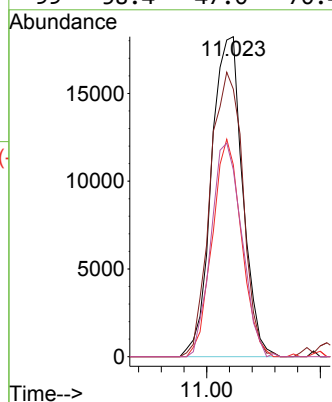
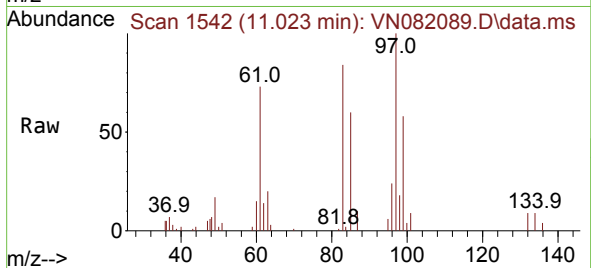


#50
1,1,2-Trichloroethane
Concen: 22.589 ug/l
RT: 11.023 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion: 97 Resp: 34663

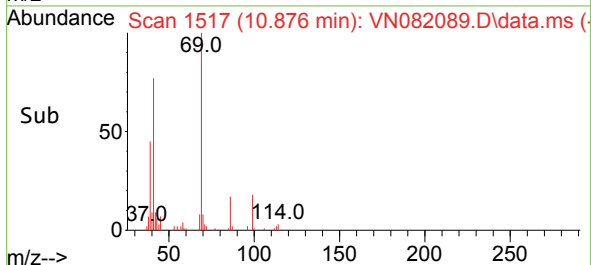
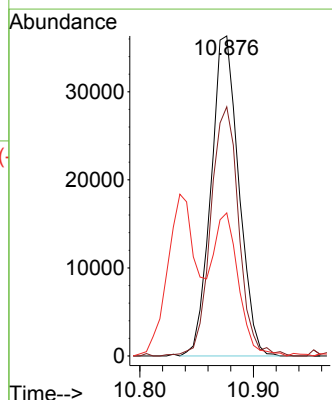
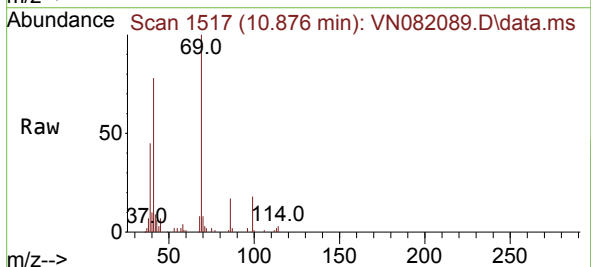
Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.1	102.1
85	59.9	41.8	62.6
99	58.4	47.0	70.4

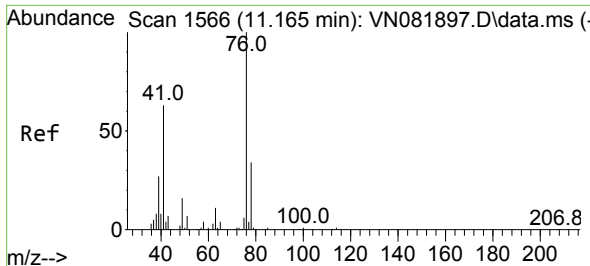


#51
Ethyl methacrylate
Concen: 21.387 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 69 Resp: 61939

Ion	Ratio	Lower	Upper
69	100		
41	77.2	25.5	76.5#
39	43.8	16.0	47.9

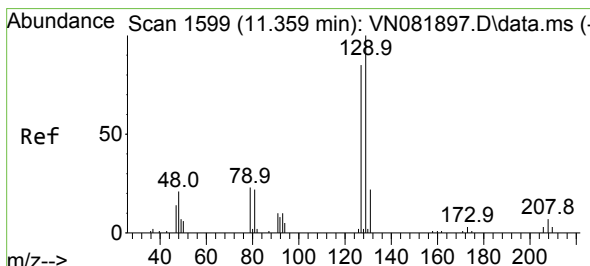
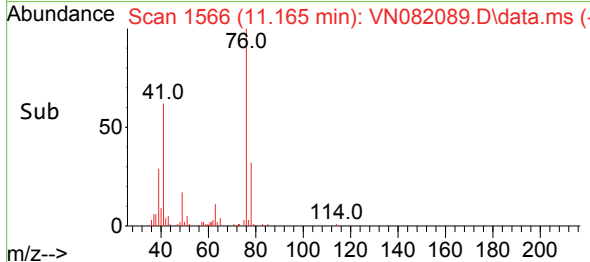
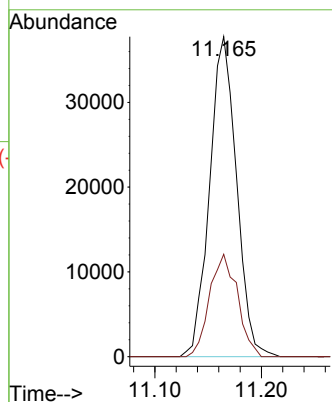
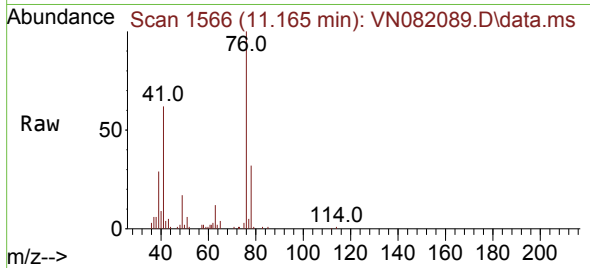




#52
1,3-Dichloropropane
Concen: 23.527 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

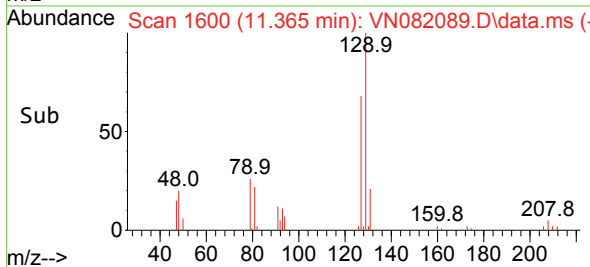
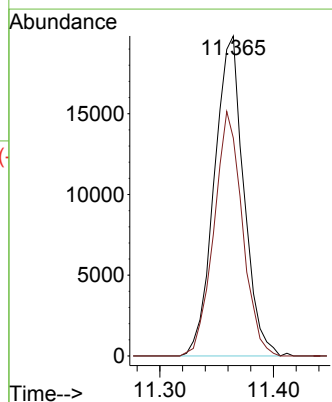
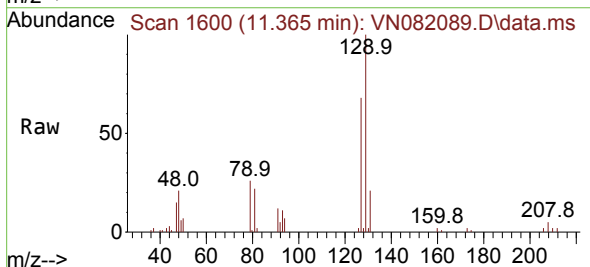
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

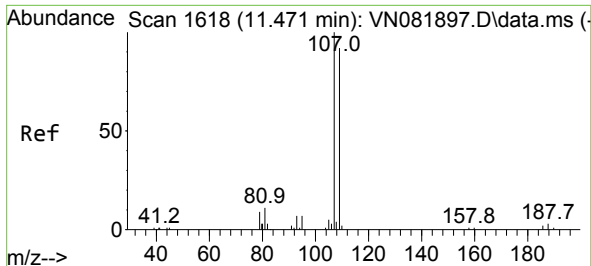
Tgt Ion: 76 Resp: 66327
Ion Ratio Lower Upper
76 100
78 33.2 0.0 65.8



#53
Dibromochloromethane
Concen: 21.386 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 129 Resp: 35705
Ion Ratio Lower Upper
129 100
127 73.9 39.4 118.1

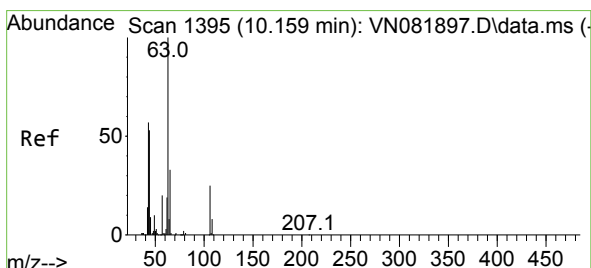
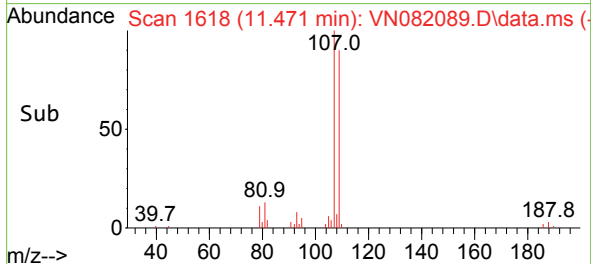
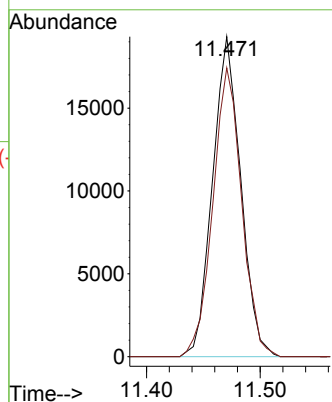
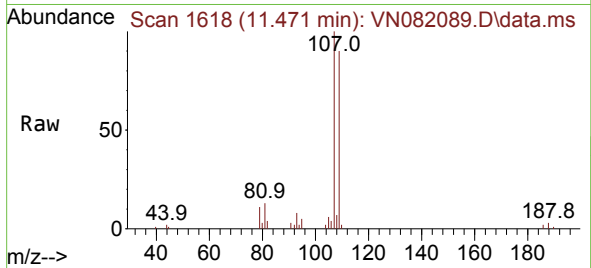




#54
1,2-Dibromoethane
Concen: 21.769 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

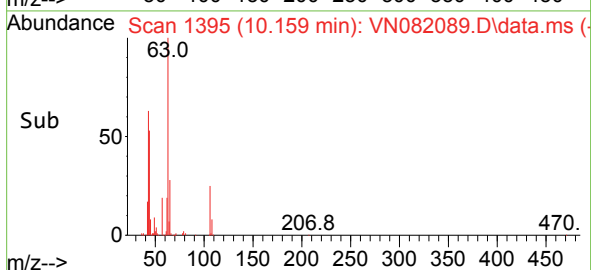
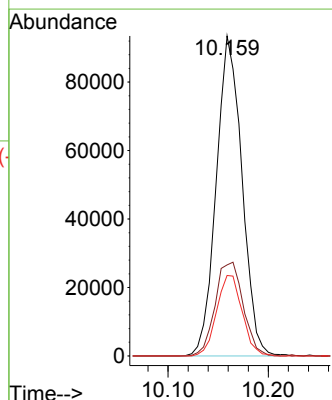
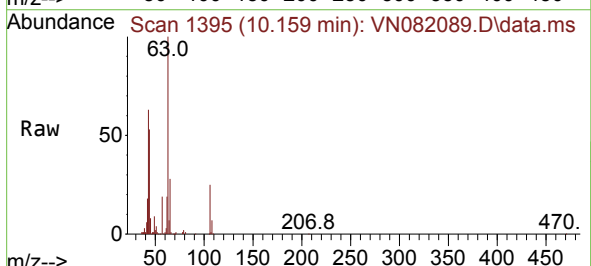
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

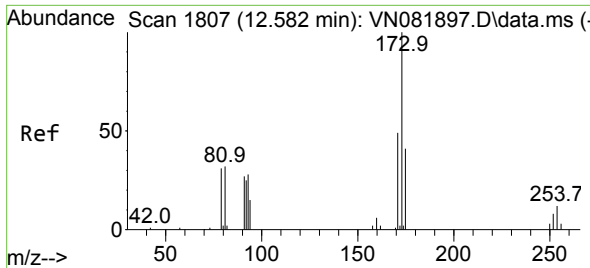
Tgt Ion:107 Resp: 33315
Ion Ratio Lower Upper
107 100
109 92.3 74.7 112.1



#55
2-Chloroethyl vinyl ether
Concen: 114.681 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 63 Resp: 166085
Ion Ratio Lower Upper
63 100
65 32.0 26.2 39.2
106 25.0 23.8 35.8

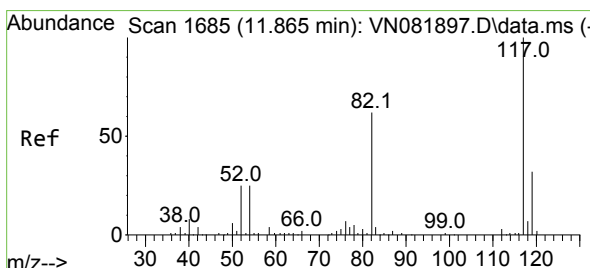
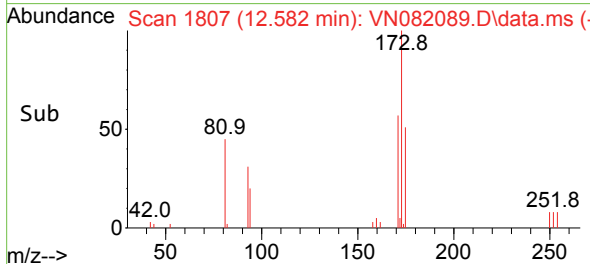
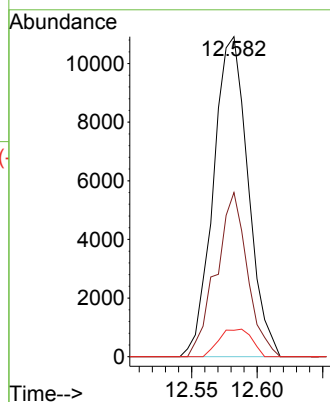
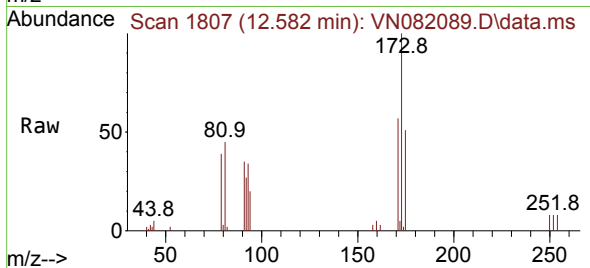




#56
Bromoform
Concen: 19.756 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

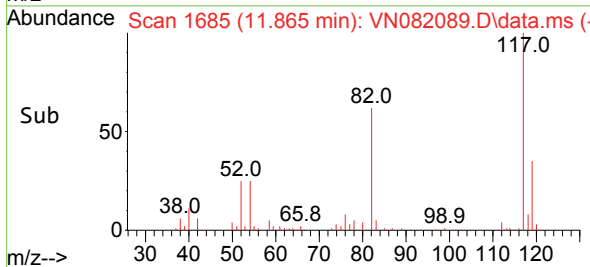
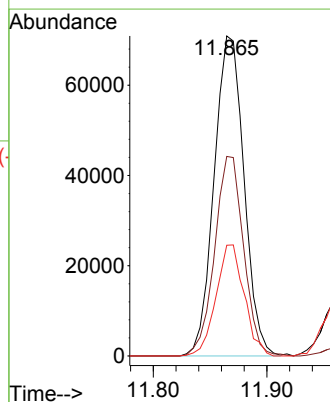
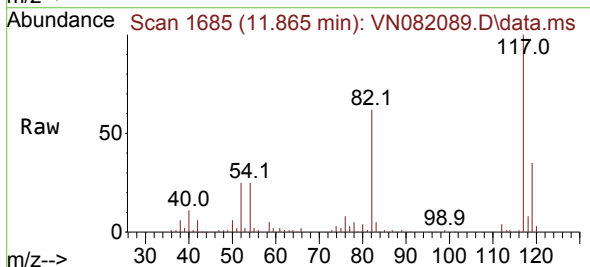
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

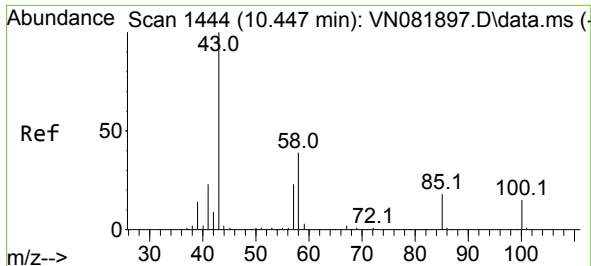
Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.2	40.0	60.0
254	8.1	8.3	12.5



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.5	46.6	69.8
119	32.8	25.4	38.2

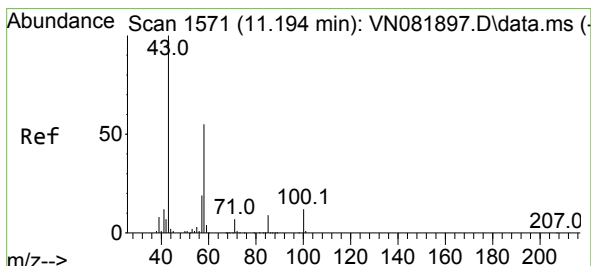
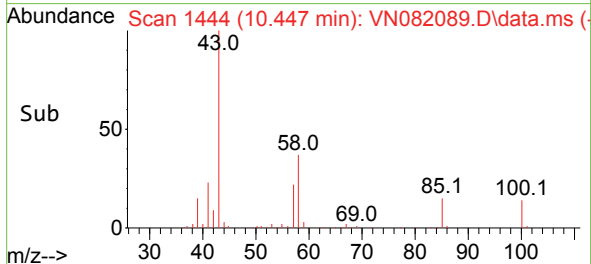
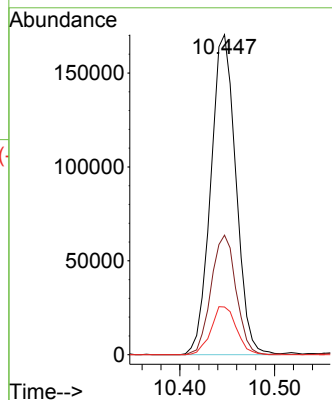
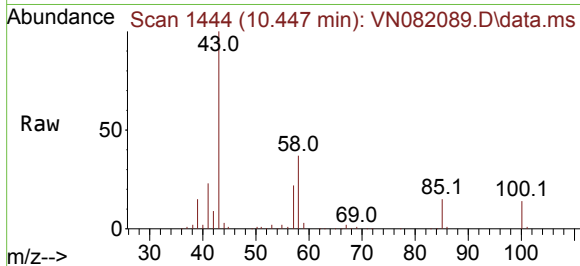




#58
4-Methyl-2-Pentanone
Concen: 124.747 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

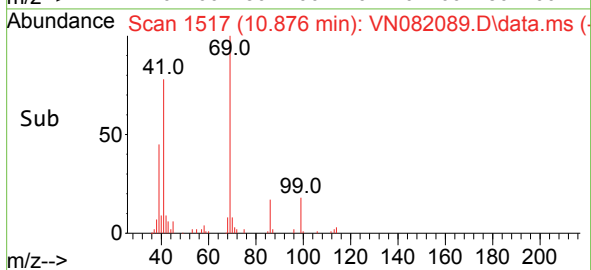
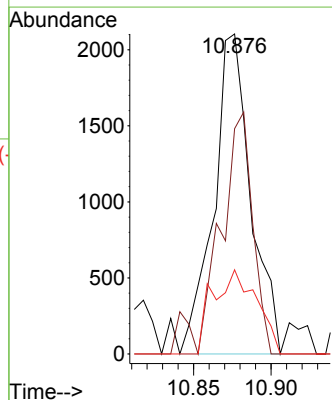
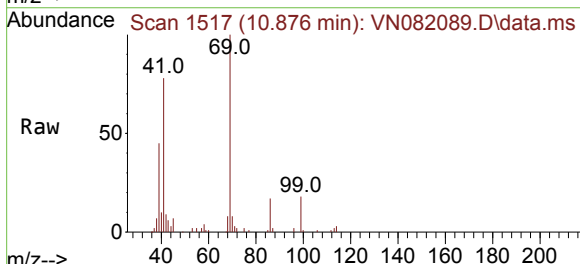
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

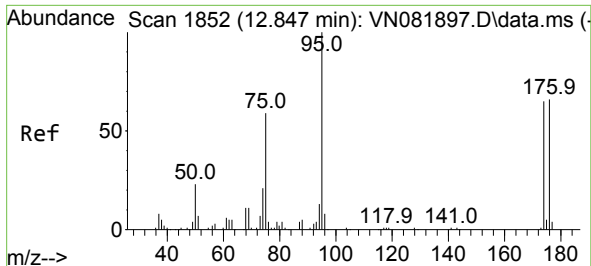
Tgt Ion: 43 Resp: 313877
Ion Ratio Lower Upper
43 100
58 37.1 36.5 54.7
85 15.2 19.5 29.3#



#59
2-Hexanone
Concen: 1.875 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.318 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 43 Resp: 3498
Ion Ratio Lower Upper
43 100
58 63.2 50.4 75.6
57 22.8 18.6 27.8

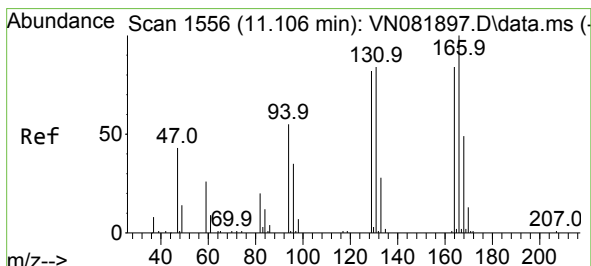
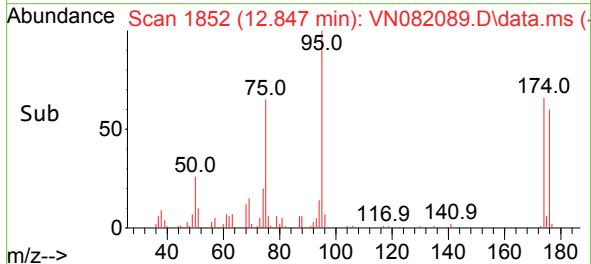
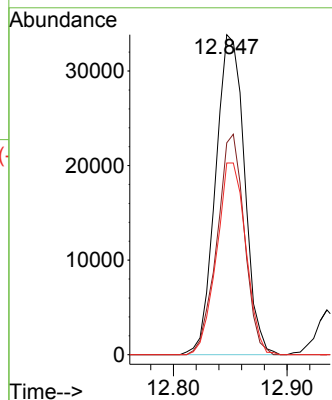
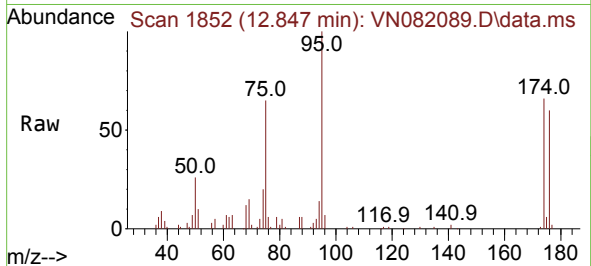




#60
4-Bromofluorobenzene
Concen: 27.751 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

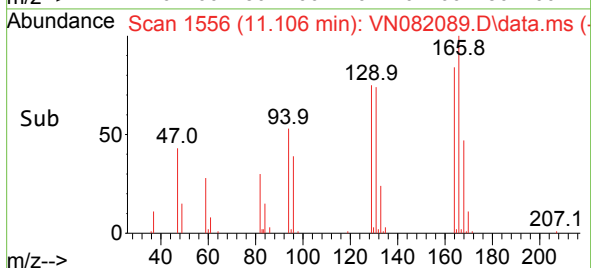
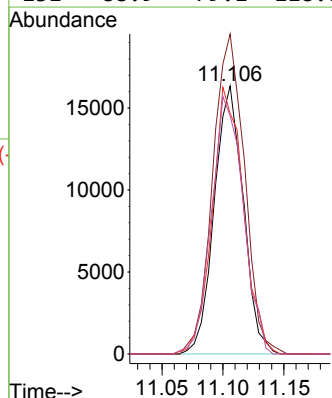
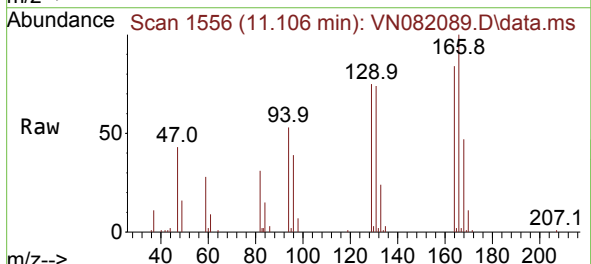
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

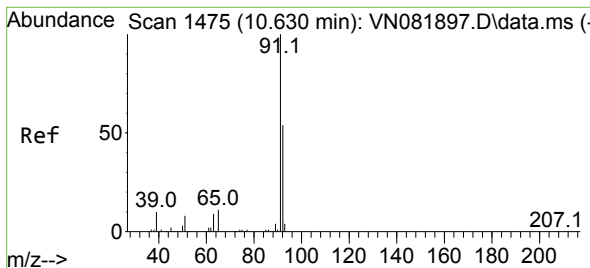
Tgt Ion: 95 Resp: 59846
Ion Ratio Lower Upper
95 100
174 65.1 60.5 90.7
176 60.5 57.8 86.6



#61
Tetrachloroethene
Concen: 18.861 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 164 Resp: 27120
Ion Ratio Lower Upper
164 100
166 119.4 106.7 160.1
129 89.7 85.8 128.6
131 88.9 79.1 118.7





#62

Toluene

Concen: 21.519 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN082089.D

Acq: 13 May 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

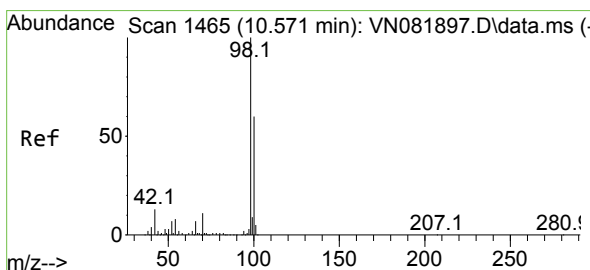
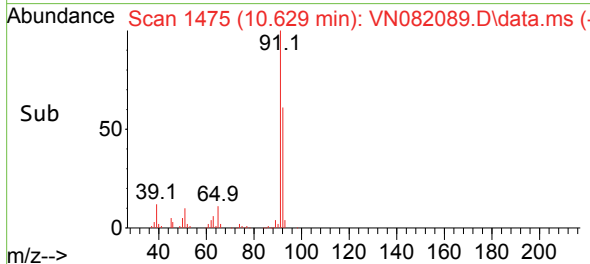
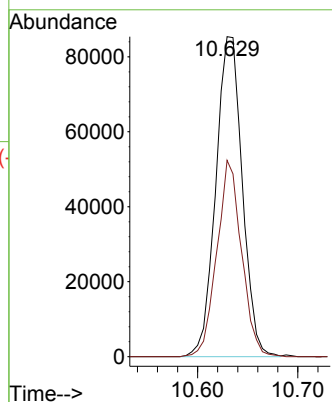
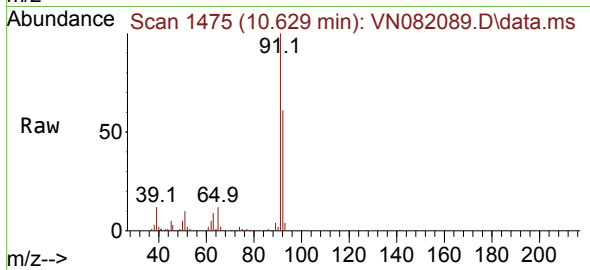
VN0513WBSD01

Tgt Ion: 91 Resp: 156899

Ion Ratio Lower Upper

91 100

92 57.2 46.5 69.7



#63

Toluene-d8

Concen: 30.542 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082089.D

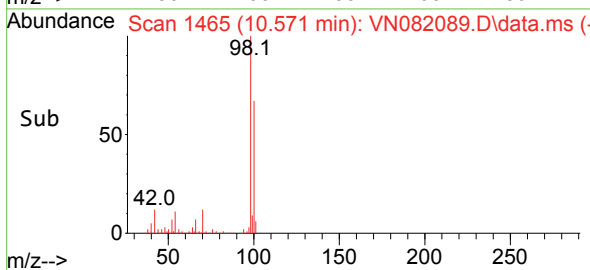
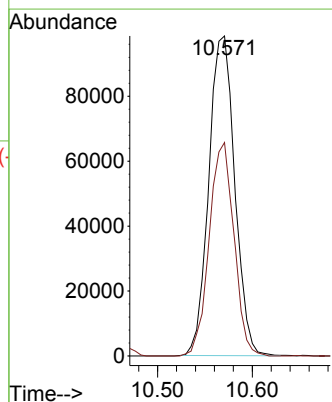
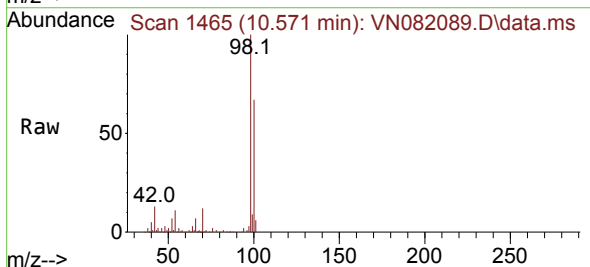
Acq: 13 May 2024 12:13

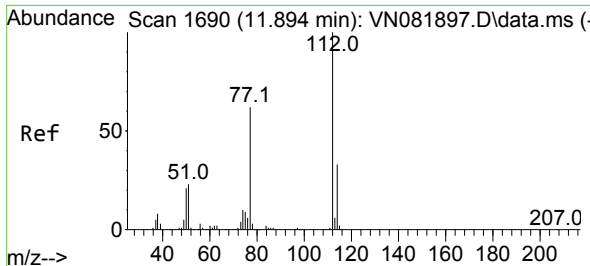
Tgt Ion: 98 Resp: 187954

Ion Ratio Lower Upper

98 100

100 63.5 52.7 79.1

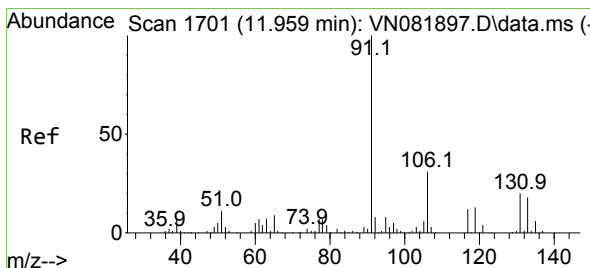
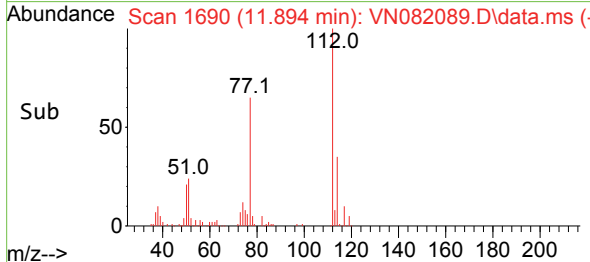
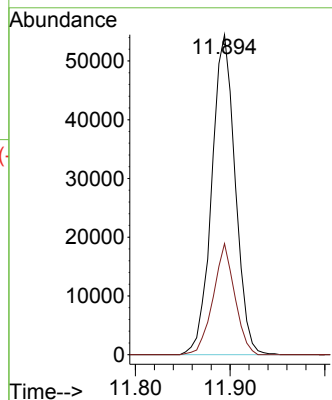
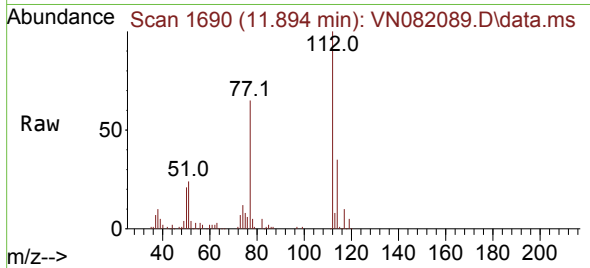




#64
Chlorobenzene
Concen: 20.996 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

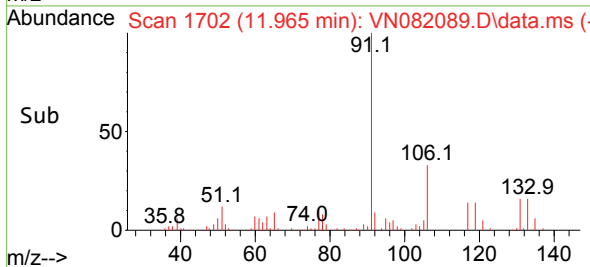
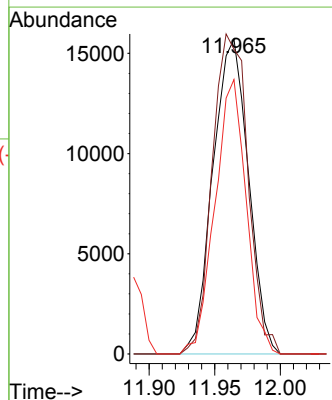
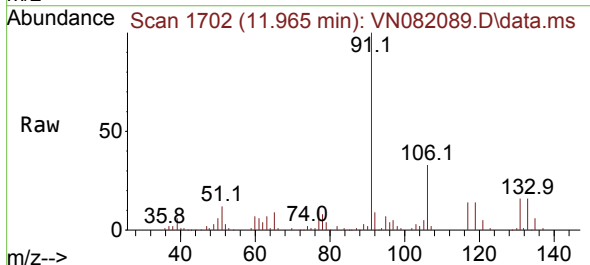
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

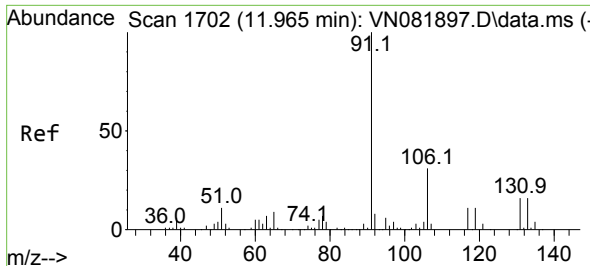
Tgt Ion:112 Resp: 93633
Ion Ratio Lower Upper
112 100
114 34.7 26.6 39.8



#65
1,1,1,2-Tetrachloroethane
Concen: 20.267 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion:131 Resp: 29582
Ion Ratio Lower Upper
131 100
133 101.8 0.0 188.0
119 76.5 0.0 122.8

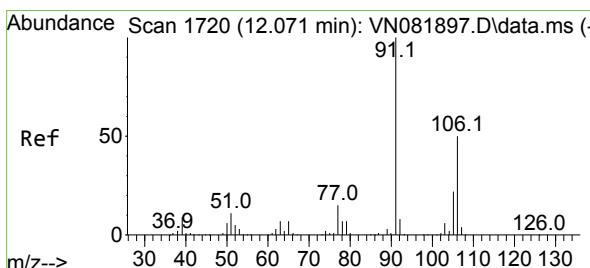
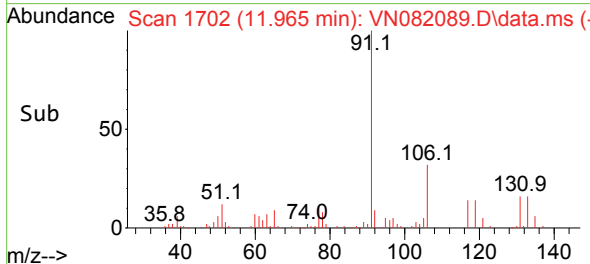
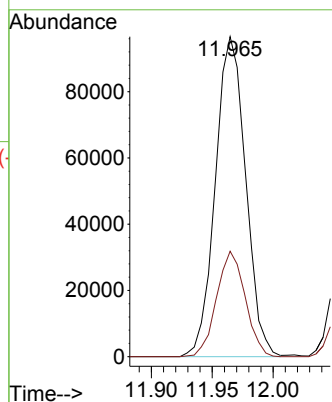
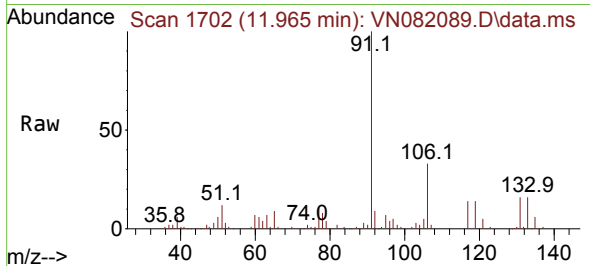




#66
Ethyl Benzene
Concen: 20.908 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

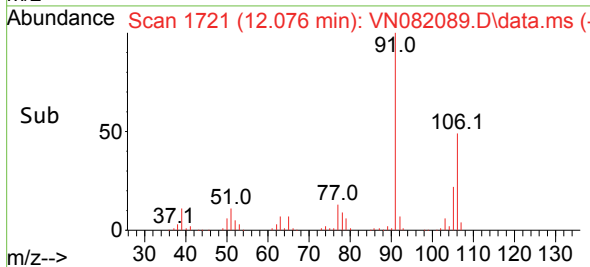
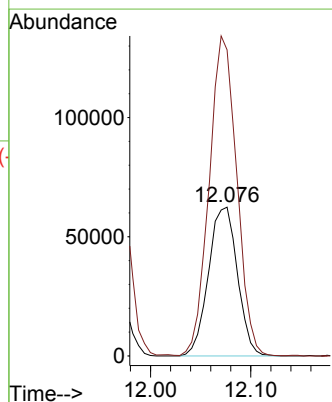
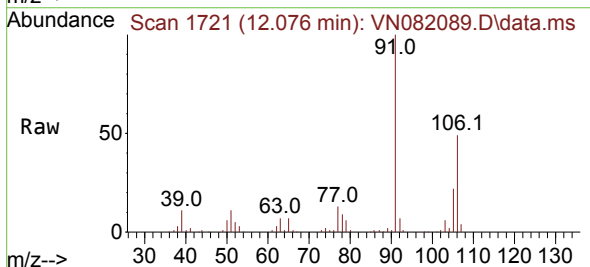
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

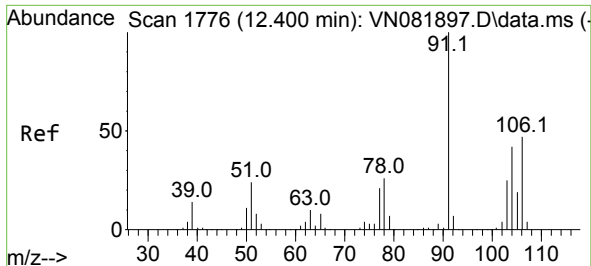
Tgt Ion: 91 Resp: 167099
Ion Ratio Lower Upper
91 100
106 32.9 24.4 36.6



#67
m/p-Xylenes
Concen: 42.276 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion:106 Resp: 125269
Ion Ratio Lower Upper
106 100
91 205.5 166.6 249.8

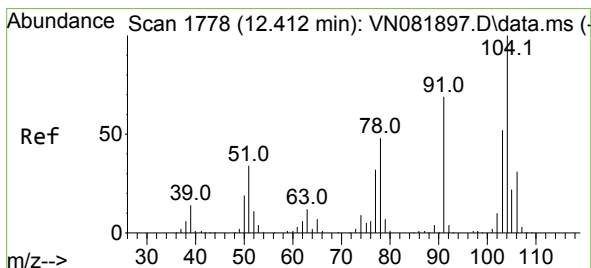
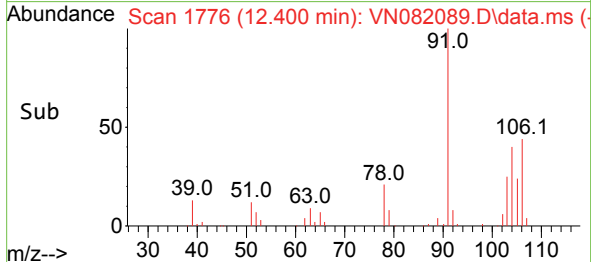
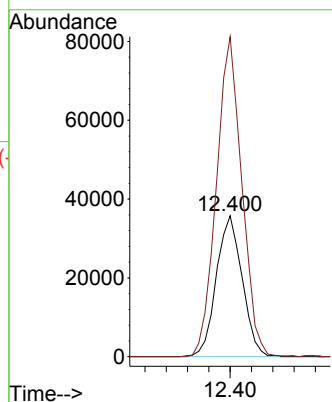
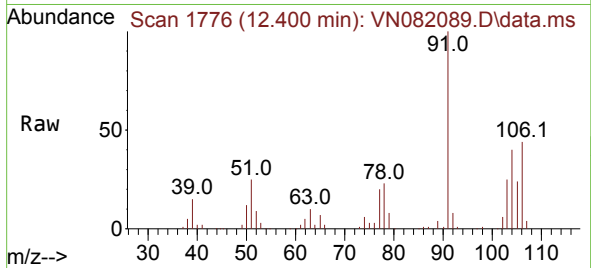




#68
o-Xylene
Concen: 20.521 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

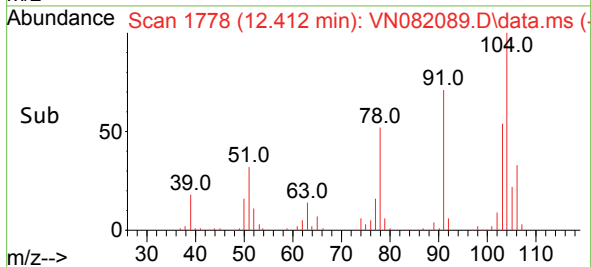
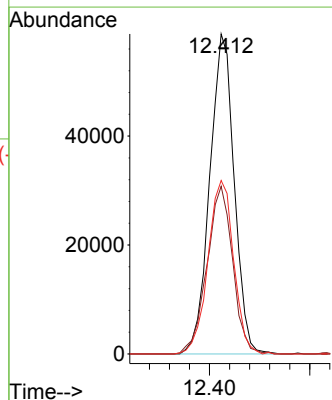
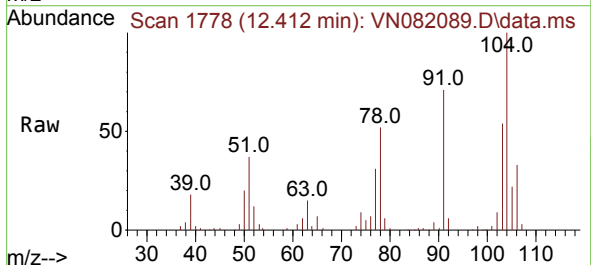
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

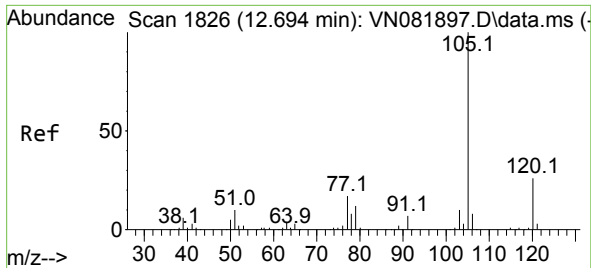
Tgt Ion:106 Resp: 60162
Ion Ratio Lower Upper
106 100
91 223.7 110.0 330.0



#69
Styrene
Concen: 20.219 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion:104 Resp: 99504
Ion Ratio Lower Upper
104 100
78 55.0 42.6 64.0
103 56.9 43.7 65.5

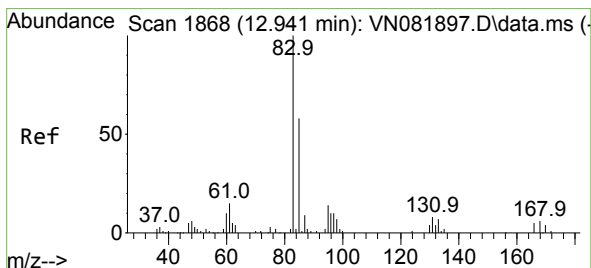
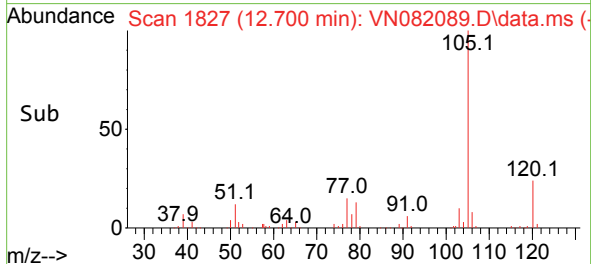
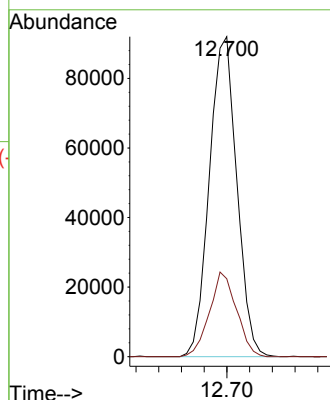
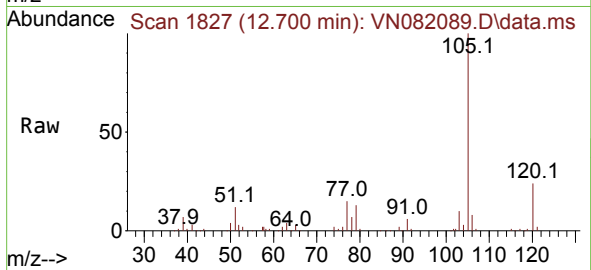




#70
Isopropylbenzene
Concen: 20.739 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

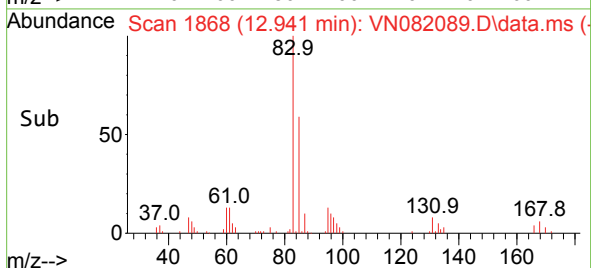
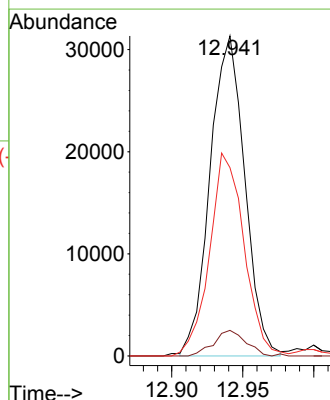
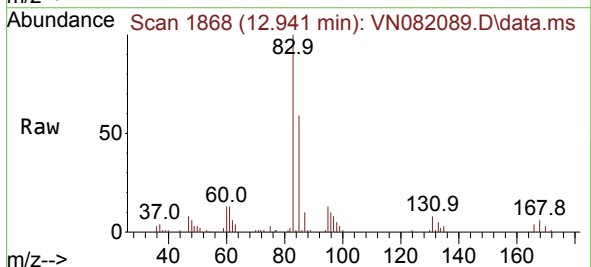
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

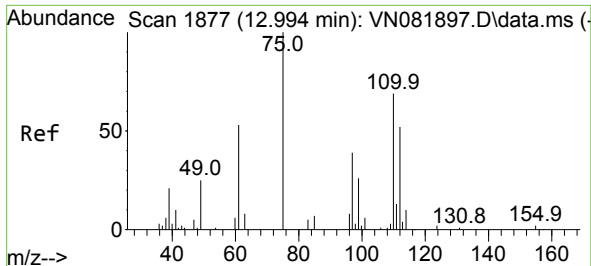
Tgt Ion:105 Resp: 154412
Ion Ratio Lower Upper
105 100
120 26.0 17.8 33.1



#71
1,1,2,2-Tetrachloroethane
Concen: 24.836 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 83 Resp: 53216
Ion Ratio Lower Upper
83 100
131 7.4 5.2 15.6
85 63.0 32.3 96.8

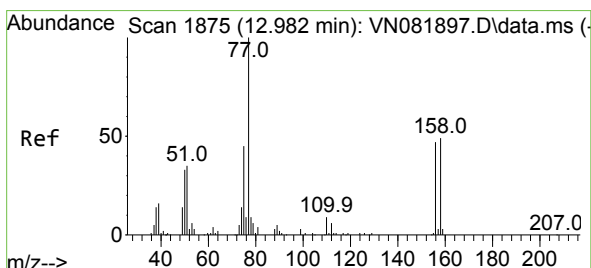
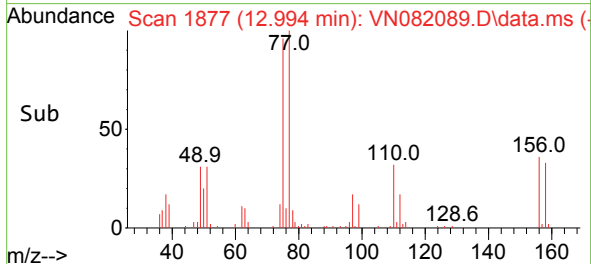
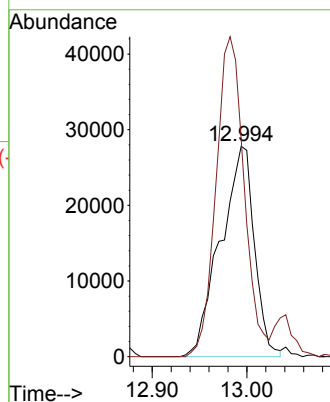
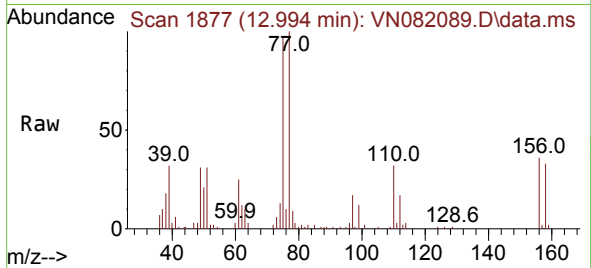




#72
1,2,3-Trichloropropane
Concen: 34.465 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

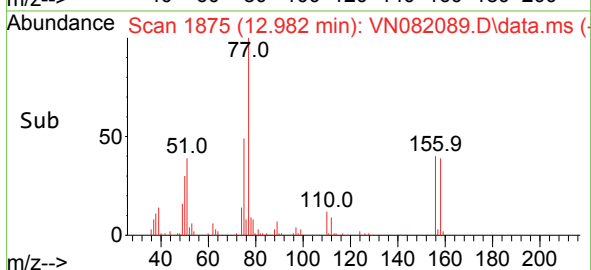
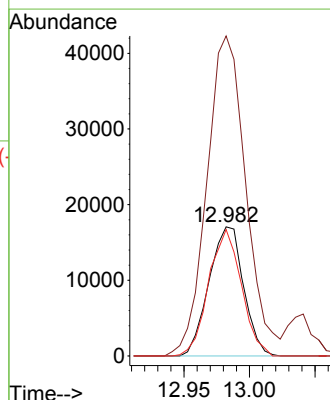
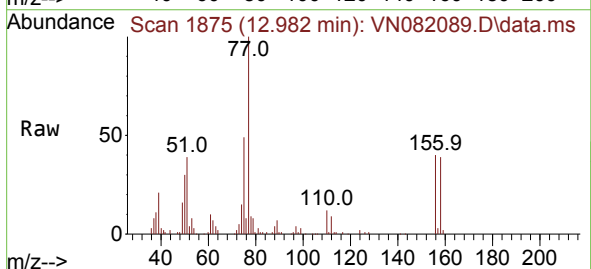
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

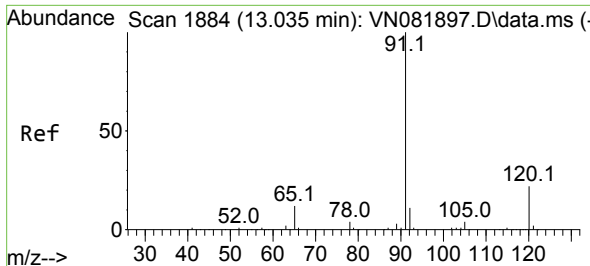
Tgt Ion: 75 Resp: 69040
Ion Ratio Lower Upper
75 100
77 126.6 0.0 367.6



#73
Bromobenzene
Concen: 19.593 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion:156 Resp: 31228
Ion Ratio Lower Upper
156 100
77 279.9 0.0 437.6
158 93.1 0.0 203.8

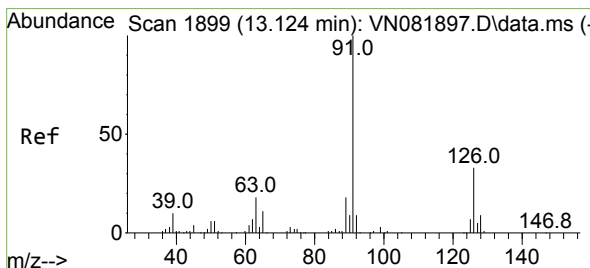
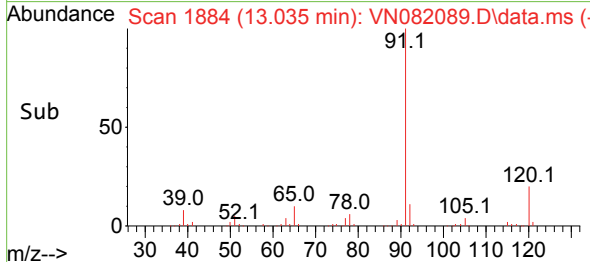
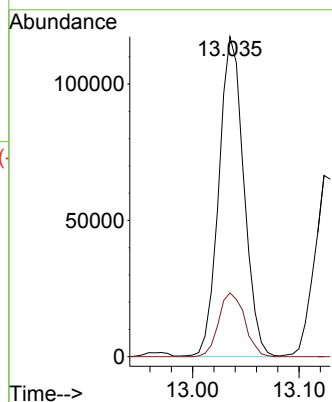
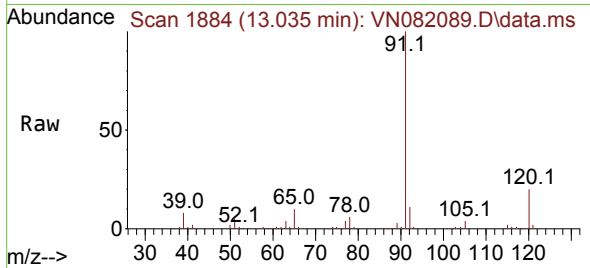




#74
n-propylbenzene
Concen: 21.764 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

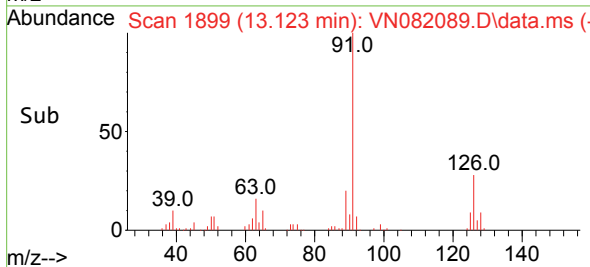
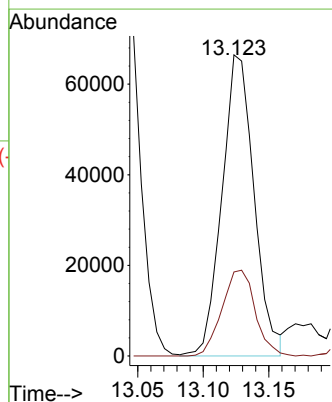
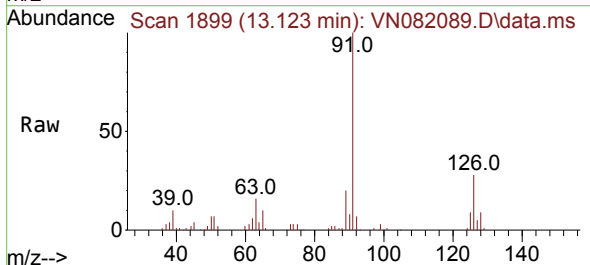
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

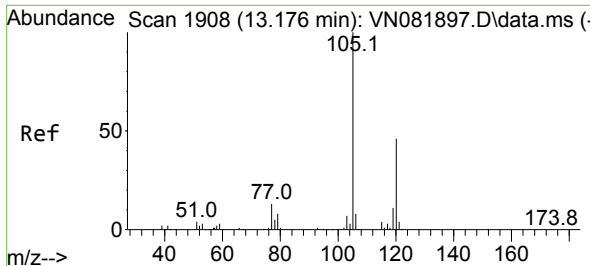
Tgt Ion: 91 Resp: 191187
Ion Ratio Lower Upper
91 100
120 20.7 0.0 43.8



#75
2-Chlorotoluene
Concen: 20.846 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 91 Resp: 113285
Ion Ratio Lower Upper
91 100
126 29.5 0.0 61.2

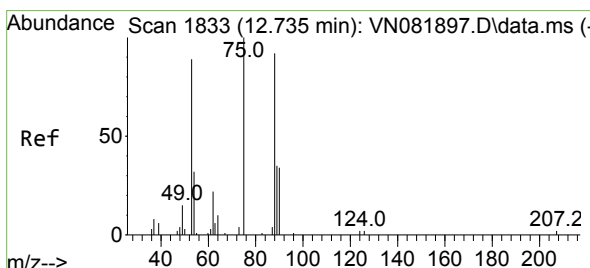
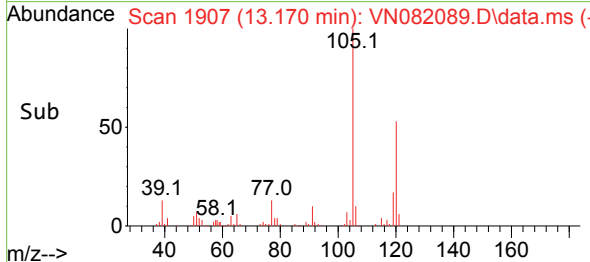
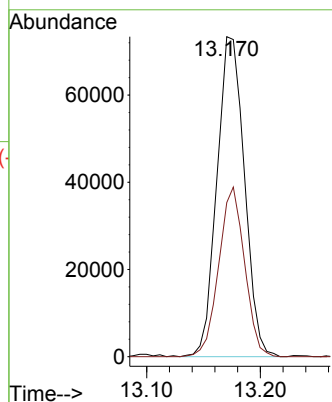
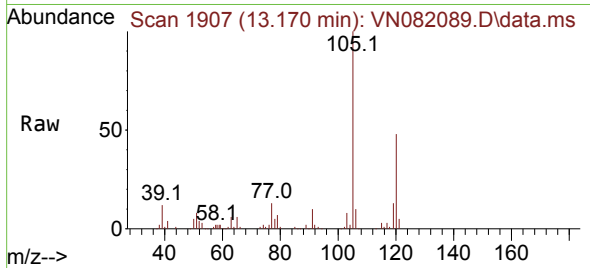




#76
1,3,5-Trimethylbenzene
Concen: 20.498 ug/l
RT: 13.170 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

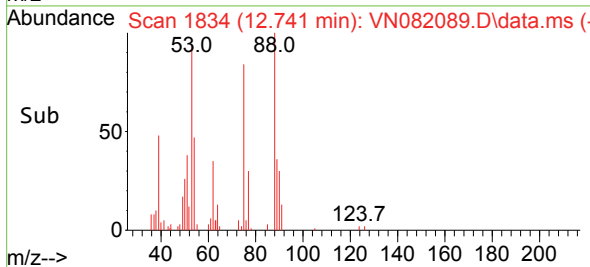
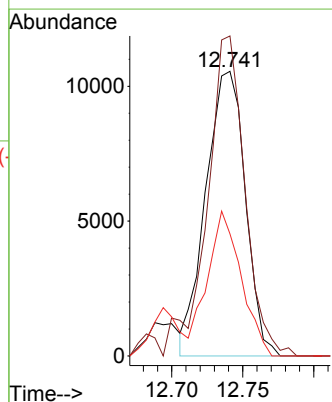
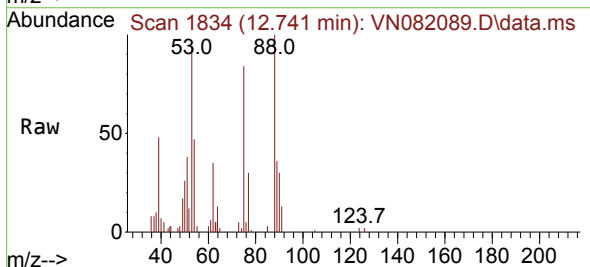
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

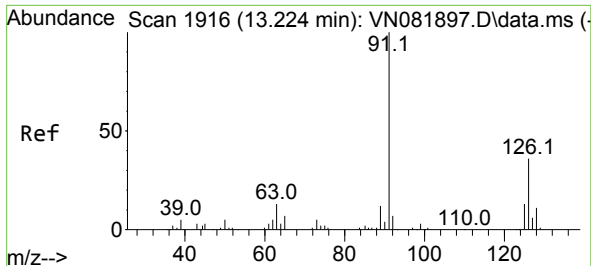
Tgt Ion:105 Resp: 123535
Ion Ratio Lower Upper
105 100
120 49.8 0.0 95.8



#77
t-1,4-Dichloro-2-butene
Concen: 22.917 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 75 Resp: 20433
Ion Ratio Lower Upper
75 100
53 110.4 45.9 137.7
89 42.9 25.9 77.7

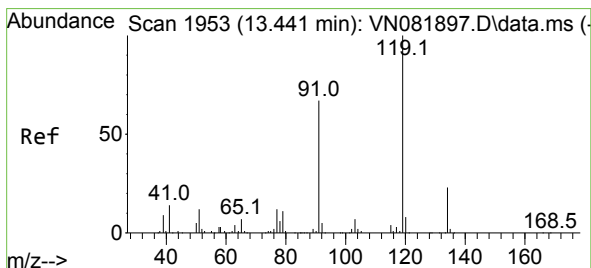
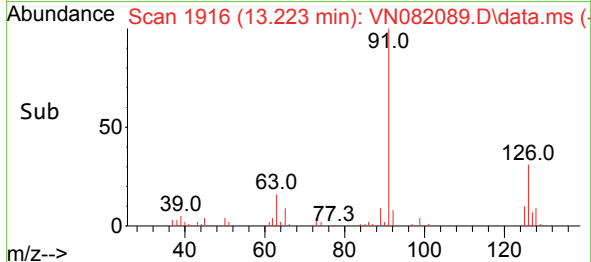
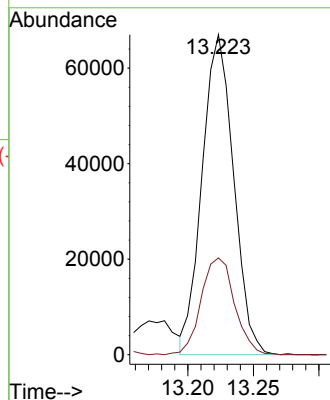
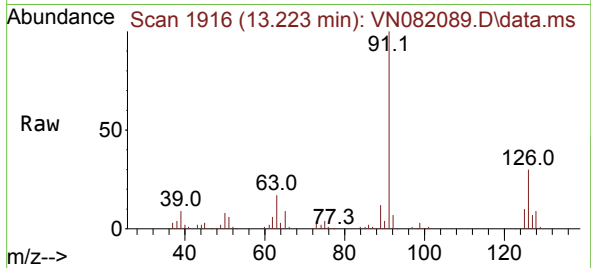




#78
4-Chlorotoluene
Concen: 21.037 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

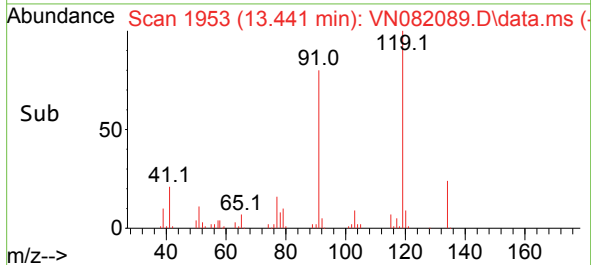
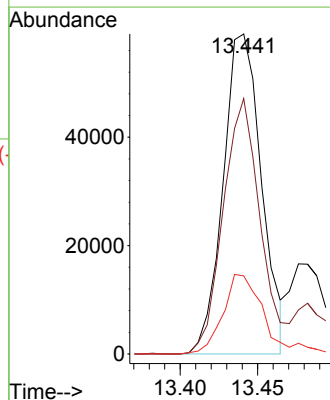
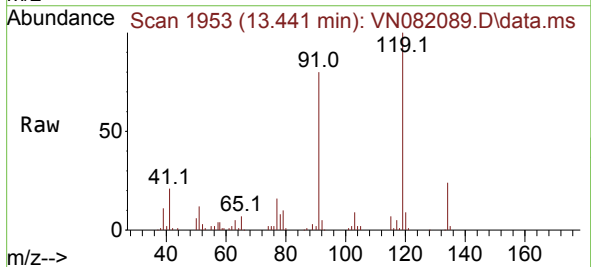
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

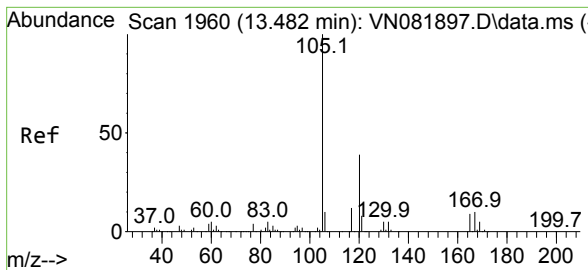
Tgt Ion: 91 Resp: 111997
Ion Ratio Lower Upper
91 100
126 32.1 0.0 62.8



#79
tert-butylbenzene
Concen: 19.604 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion: 119 Resp: 101728
Ion Ratio Lower Upper
119 100
91 77.9 0.0 138.8
134 24.9 0.0 48.6

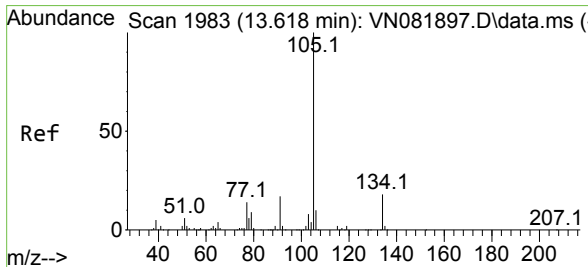
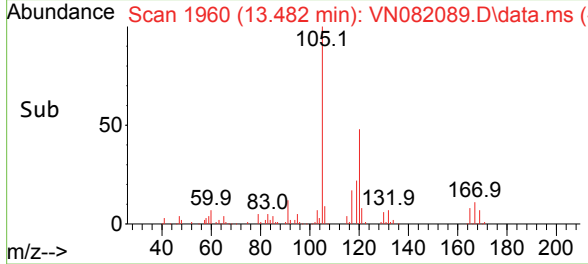
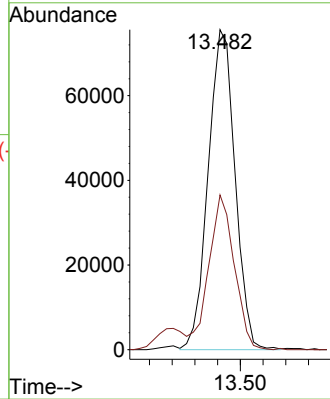
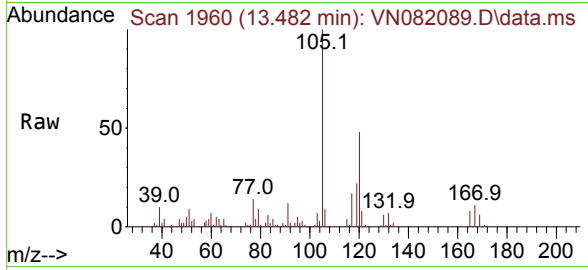




#80
 1,2,4-Trimethylbenzene
 Concen: 20.528 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN082089.D
 Acq: 13 May 2024 12:13

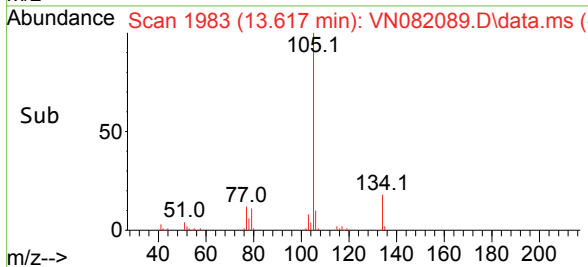
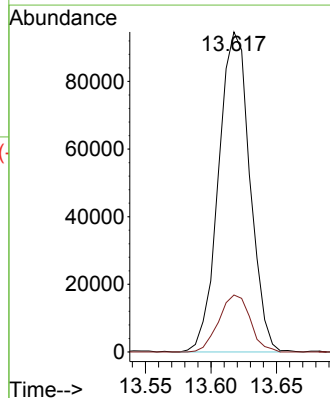
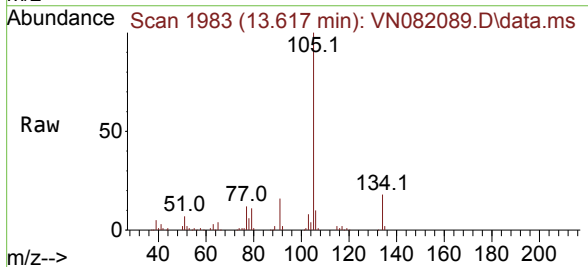
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBSD01

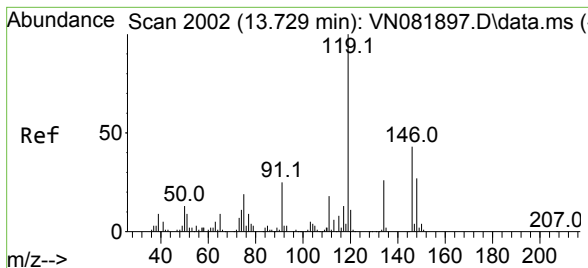
Tgt Ion:105 Resp: 124268
 Ion Ratio Lower Upper
 105 100
 120 46.0 0.0 86.8



#81
 sec-Butylbenzene
 Concen: 21.641 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082089.D
 Acq: 13 May 2024 12:13

Tgt Ion:105 Resp: 157409
 Ion Ratio Lower Upper
 105 100
 134 17.8 0.0 39.0

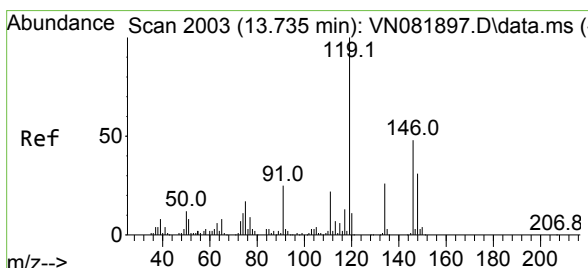
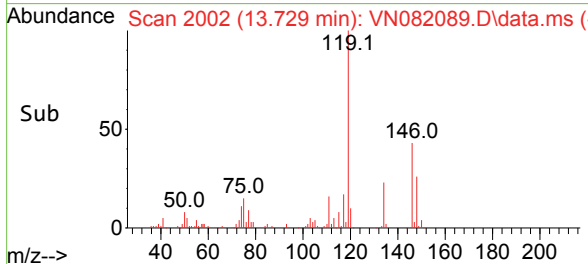
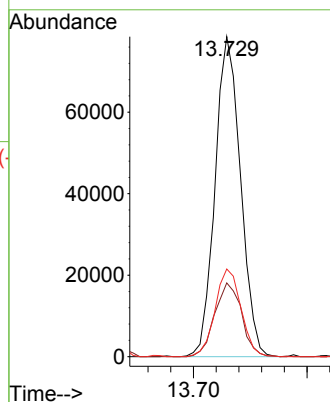
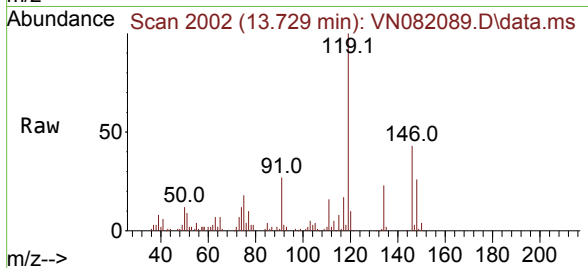




#82
p-Isopropyltoluene
Concen: 21.300 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

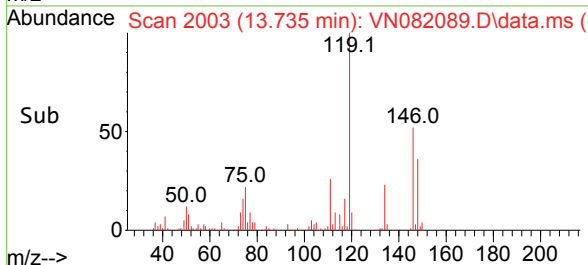
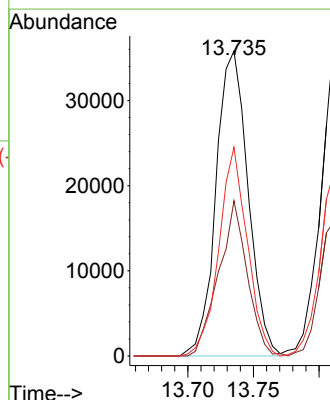
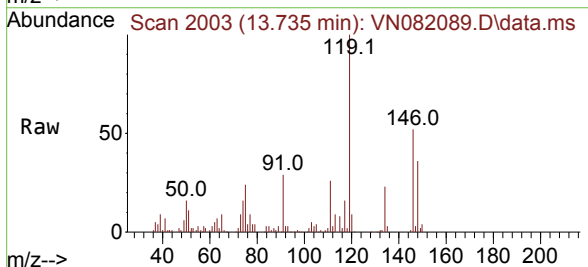
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

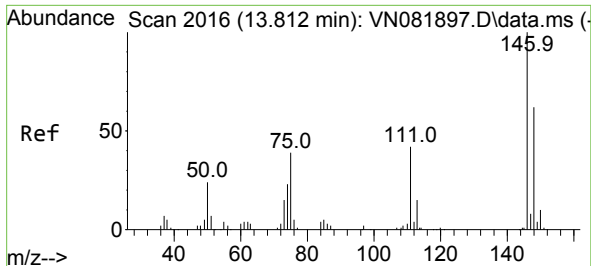
Tgt Ion:119 Resp: 122513
Ion Ratio Lower Upper
119 100
134 24.3 0.0 49.2
91 27.8 0.0 48.8



#83
1,3-Dichlorobenzene
Concen: 21.221 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

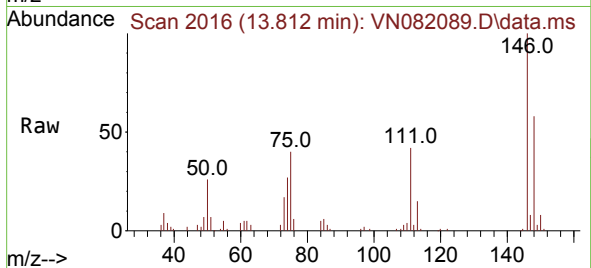
Tgt Ion:146 Resp: 60903
Ion Ratio Lower Upper
146 100
111 45.3 22.4 67.0
148 60.8 32.1 96.5



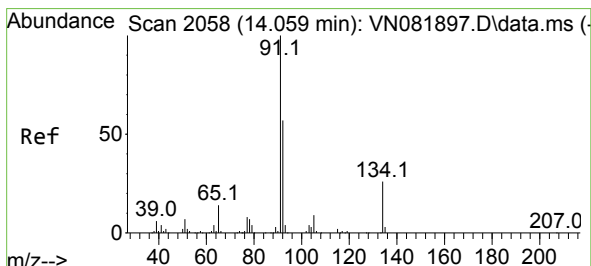
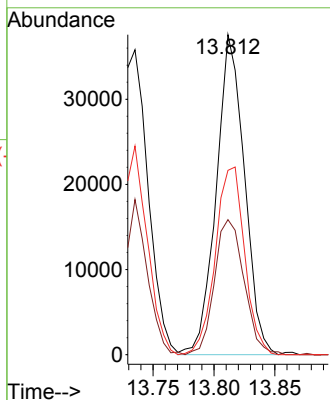
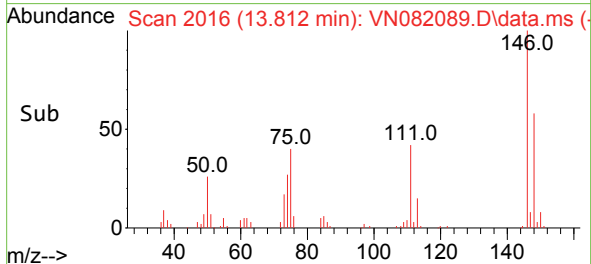


#84
1,4-Dichlorobenzene
Concen: 20.989 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

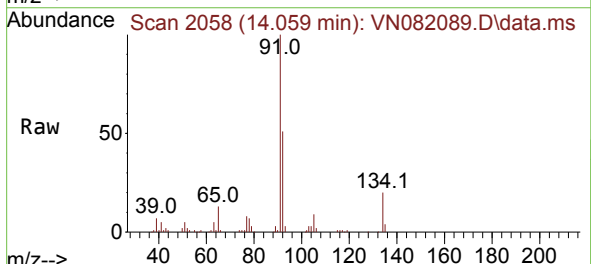
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



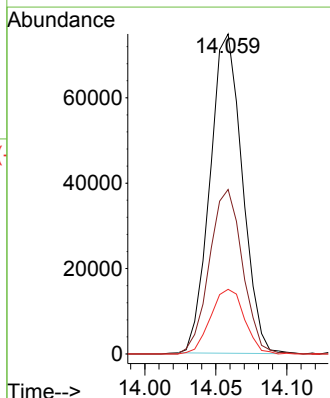
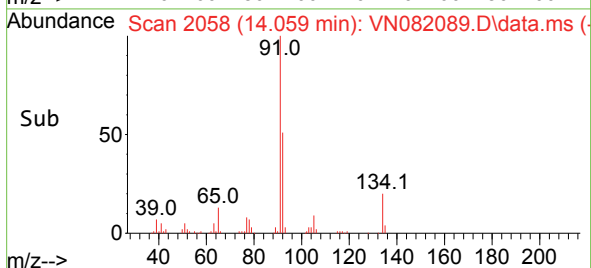
Tgt Ion:146 Resp: 60543
Ion Ratio Lower Upper
146 100
111 44.3 21.3 63.9
148 61.0 31.9 95.5

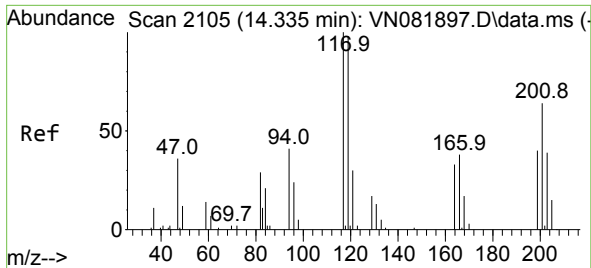


#85
n-Butylbenzene
Concen: 22.514 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13



Tgt Ion: 91 Resp: 118283
Ion Ratio Lower Upper
91 100
92 52.9 0.0 105.0
134 21.3 0.0 51.8

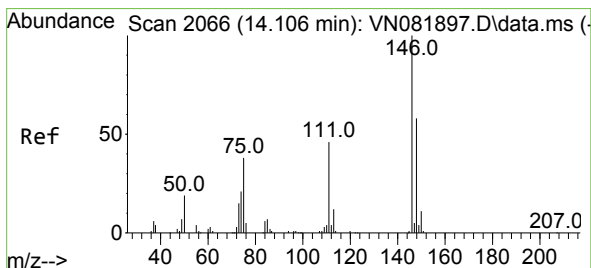
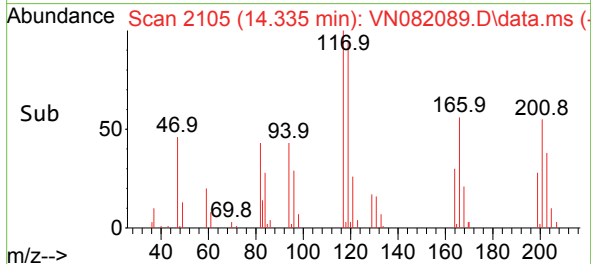
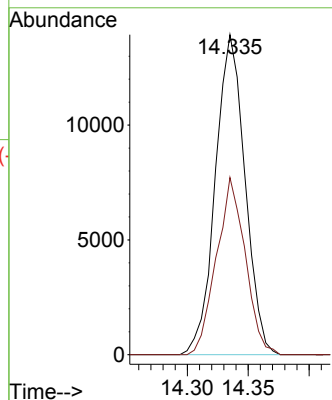
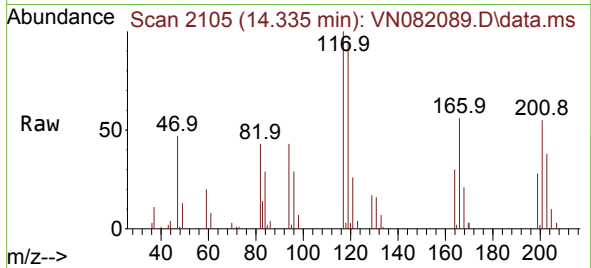




#86
Hexachloroethane
Concen: 20.591 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

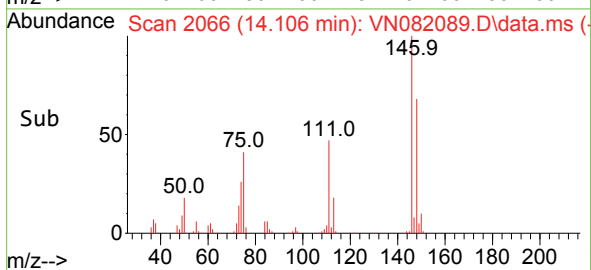
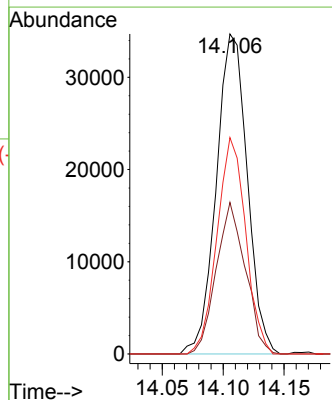
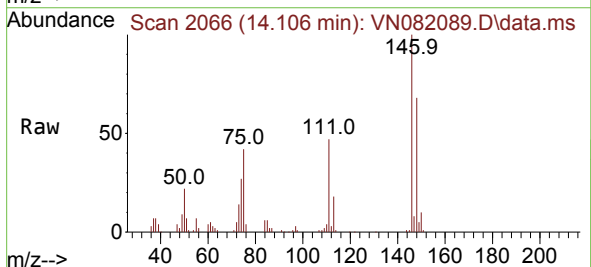
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

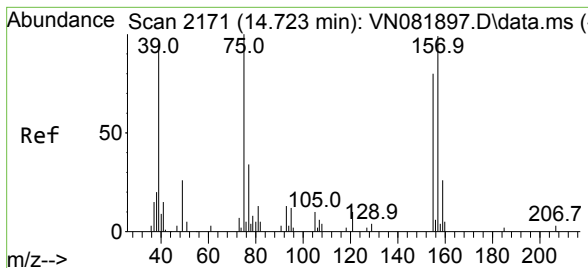
Tgt Ion:117 Resp: 23615
Ion Ratio Lower Upper
117 100
201 53.8 38.0 114.0



#87
1,2-Dichlorobenzene
Concen: 21.505 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082089.D
Acq: 13 May 2024 12:13

Tgt Ion:146 Resp: 61468
Ion Ratio Lower Upper
146 100
111 44.5 22.6 67.8
148 62.7 31.3 93.8

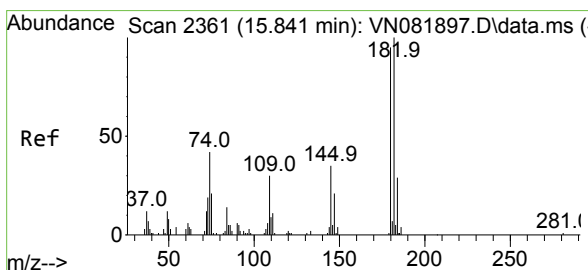
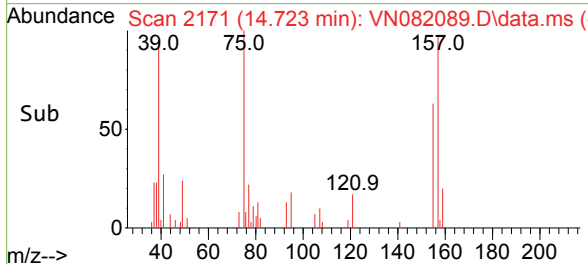
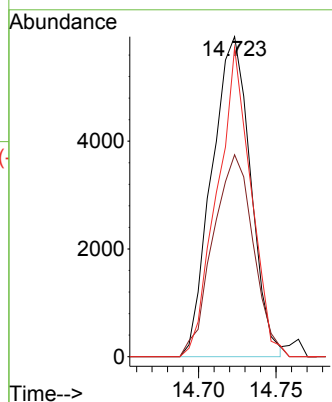
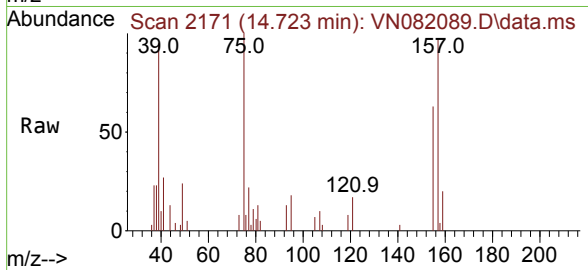




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 21.495 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN082089.D
 Acq: 13 May 2024 12:13

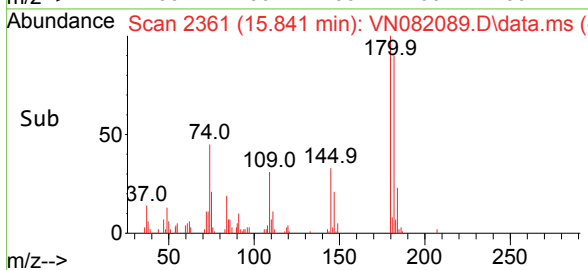
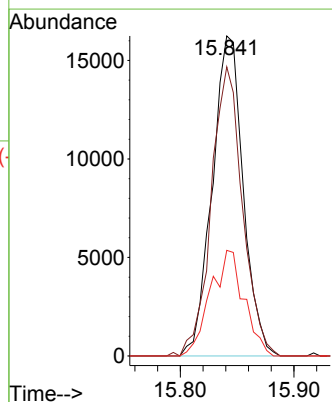
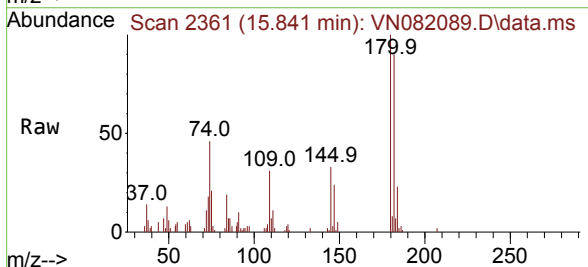
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBSD01

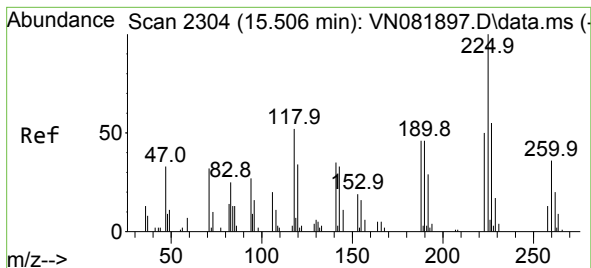
Tgt Ion: 75 Resp: 10335
 Ion Ratio Lower Upper
 75 100
 155 65.7 61.7 92.5
 157 84.1 83.6 125.4



#89
 1,2,4-Trichlorobenzene
 Concen: 19.594 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. -0.000 min
 Lab File: VN082089.D
 Acq: 13 May 2024 12:13

Tgt Ion: 180 Resp: 30838
 Ion Ratio Lower Upper
 180 100
 182 90.9 76.4 114.6
 145 35.8 28.4 42.6





#90

Hexachlorobutadiene

Concen: 18.258 ug/l

RT: 15.500 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN082089.D

Acq: 13 May 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

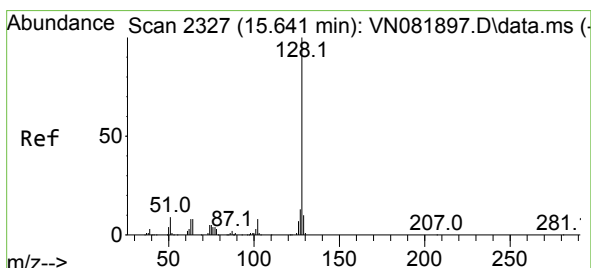
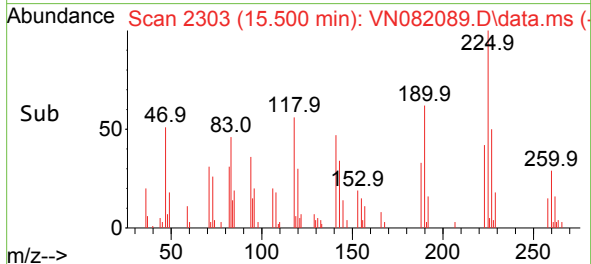
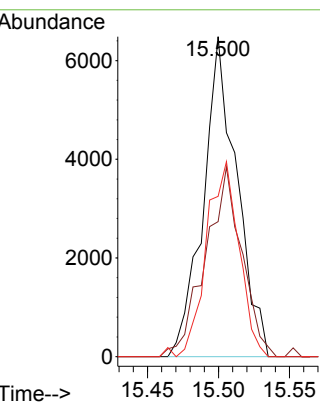
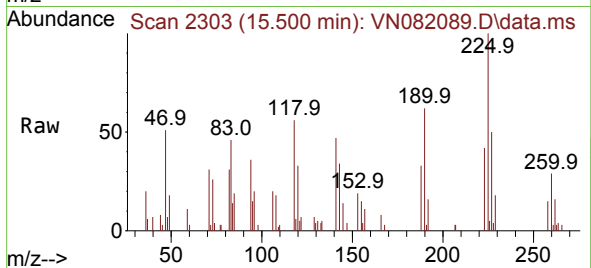
Tgt Ion:225 Resp: 10643

Ion Ratio Lower Upper

225 100

223 64.3 0.0 126.6

227 58.8 0.0 126.6



#91

Naphthalene

Concen: 20.185 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082089.D

Acq: 13 May 2024 12:13

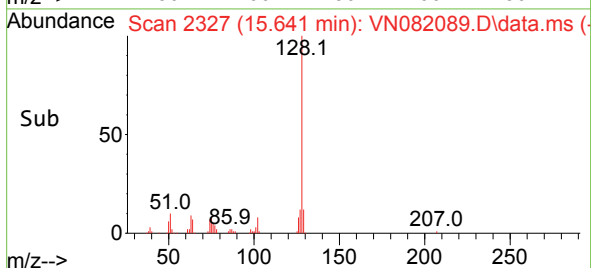
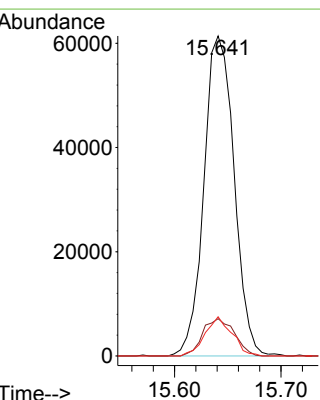
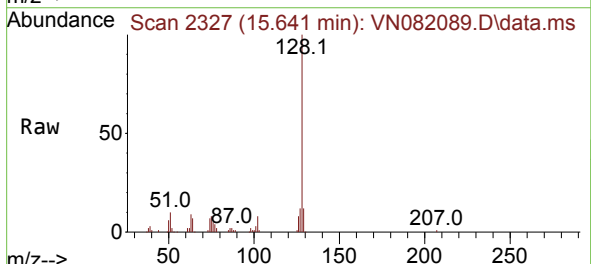
Tgt Ion:128 Resp: 120767

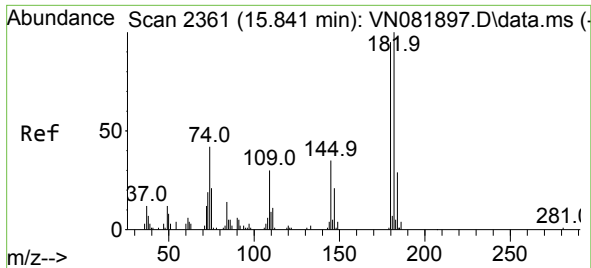
Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 11.0 8.6 13.0





#92
 1,2,3-Trichlorobenzene
 Concen: 19.594 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082089.D
 Acq: 13 May 2024 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.9	0.0	191.0
145	35.8	0.0	71.0

