

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080105.D
 Acq On : 15 Nov 2023 12:52
 Operator : JC\MD
 Sample : VN1115WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 21:50:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	203256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	319855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	286330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140850	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	156138	50.421	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.840%	
35) Dibromofluoromethane	8.171	113	113761	50.252	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.500%	
50) Toluene-d8	10.571	98	404138	48.493	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.980%	
62) 4-Bromofluorobenzene	12.853	95	151552	54.832	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	39959	16.321	ug/l	98
3) Chloromethane	2.365	50	28855	8.652	ug/l	97
4) Vinyl Chloride	2.512	62	85471	26.670	ug/l	98
5) Bromomethane	2.959	94	22229	11.416	ug/l	94
6) Chloroethane	3.124	64	21033	8.306	ug/l	97
7) Trichlorofluoromethane	3.495	101	75143	18.852	ug/l	100
8) Diethyl Ether	3.959	74	22274	14.726	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.383	101	37941	16.420	ug/l	97
10) Methyl Iodide	4.595	142	38640	14.643	ug/l	90
11) Tert butyl alcohol	5.524	59	28173	71.269	ug/l #	90
12) 1,1-Dichloroethene	4.342	96	33253	15.199	ug/l	93
13) Acrolein	4.189	56	27639	79.546	ug/l	97
14) Allyl chloride	5.018	41	42616	12.718	ug/l	96
15) Acrylonitrile	5.724	53	83682	67.929	ug/l	97
16) Acetone	4.424	43	77487	71.237	ug/l	93
17) Carbon Disulfide	4.712	76	70396	11.155	ug/l	95
18) Methyl Acetate	5.024	43	65753	12.635	ug/l	93
19) Methyl tert-butyl Ether	5.789	73	131722	17.487	ug/l	97
20) Methylene Chloride	5.271	84	40640	14.807	ug/l	86
21) trans-1,2-Dichloroethene	5.794	96	35338	14.482	ug/l #	85
22) Diisopropyl ether	6.671	45	111898	14.410	ug/l #	91
23) Vinyl Acetate	6.606	43	276475	64.545	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	74704	15.827	ug/l	98
25) 2-Butanone	7.488	43	102293	64.221	ug/l	90
26) 2,2-Dichloropropane	7.494	77	73701	18.881	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	45218	15.492	ug/l	87
28) Bromochloromethane	7.818	49	37583	16.339	ug/l	92
29) Tetrahydrofuran	7.835	42	59834	57.737	ug/l	93
30) Chloroform	7.971	83	89387	17.435	ug/l	90
31) Cyclohexane	8.259	56	54267	13.262	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	81702	19.558	ug/l	95
36) 1,1-Dichloropropene	8.371	75	55983	17.320	ug/l	95
37) Ethyl Acetate	7.559	43	39185	13.218	ug/l	99
38) Carbon Tetrachloride	8.365	117	73392	22.529	ug/l	98
39) Methylcyclohexane	9.606	83	47505	15.617	ug/l #	84
40) Benzene	8.606	78	165121	17.056	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	22513	14.301	ug/l	92
42) 1,2-Dichloroethane	8.671	62	71317	21.089	ug/l	93
43) Isopropyl Acetate	8.694	43	74171	14.267	ug/l	98
44) Trichloroethene	9.353	130	41572	17.305	ug/l	94
45) 1,2-Dichloropropane	9.629	63	40640	16.426	ug/l	96
46) Dibromomethane	9.712	93	30385	17.986	ug/l	92
47) Bromodichloromethane	9.888	83	68688	19.065	ug/l	97
48) Methyl methacrylate	9.688	41	34071	14.962	ug/l	88
49) 1,4-Dioxane	9.700	88	13715	340.862	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	211734	72.342	ug/l	99
52) Toluene	10.629	92	106509	18.557	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	68413	19.370	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	72082	18.724	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	42700	18.497	ug/l	97
56) Ethyl methacrylate	10.876	69	57727	17.531	ug/l	90
57) 1,3-Dichloropropane	11.165	76	73106	17.966	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	158606	95.034	ug/l	96
59) 2-Hexanone	11.200	43	155366	69.390	ug/l	95
60) Dibromochloromethane	11.365	129	51123	20.689	ug/l	99
61) 1,2-Dibromoethane	11.471	107	40646	17.542	ug/l	100
64) Tetrachloroethene	11.112	164	37358	20.145	ug/l	92
65) Chlorobenzene	11.894	112	112383	18.094	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	46675	20.858	ug/l	93
67) Ethyl Benzene	11.965	91	195576	18.073	ug/l	98
68) m/p-Xylenes	12.076	106	148901	36.938	ug/l	88
69) o-Xylene	12.400	106	71824	18.503	ug/l	88
70) Styrene	12.412	104	123986	19.875	ug/l	96
71) Bromoform	12.576	173	33070	20.812	ug/l #	94
73) Isopropylbenzene	12.700	105	190909	17.859	ug/l	98
74) N-amyl acetate	12.494	43	59398	12.730	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	57554	15.185	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	75095	22.710	ug/l	74
77) Bromobenzene	12.982	156	46995	17.957	ug/l	99
78) n-propylbenzene	13.035	91	218379	17.840	ug/l	98
79) 2-Chlorotoluene	13.129	91	144198	18.439	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	165651	19.917	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	19702	16.211	ug/l	91
82) 4-Chlorotoluene	13.223	91	142707	18.364	ug/l	95
83) tert-Butylbenzene	13.441	119	134530	19.761	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	162956	19.915	ug/l	98
85) sec-Butylbenzene	13.617	105	180068	19.091	ug/l	99
86) p-Isopropyltoluene	13.735	119	147724	19.210	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	85788	17.621	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	83973	16.993	ug/l	96
89) n-Butylbenzene	14.059	91	117473	17.736	ug/l	99
90) Hexachloroethane	14.335	117	29337	19.263	ug/l	80
91) 1,2-Dichlorobenzene	14.112	146	82846	18.026	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11704	18.210	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	41232	18.868	ug/l	100
94) Hexachlorobutadiene	15.506	225	24418	24.648	ug/l	98
95) Naphthalene	15.641	128	105452	14.229	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	36888	17.220	ug/l	95

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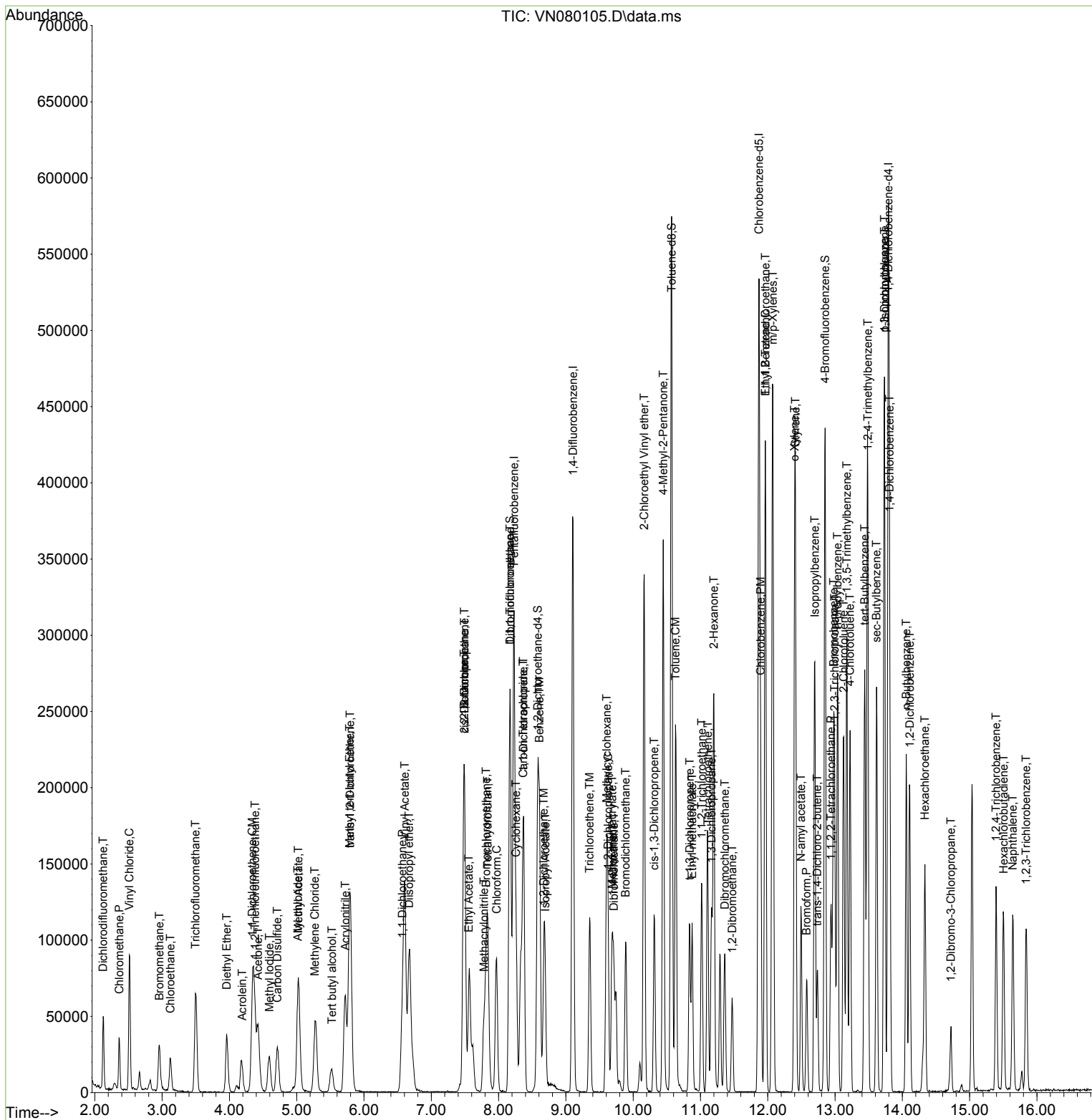
Instrument :
MSVOA_N
ClientSampleId :

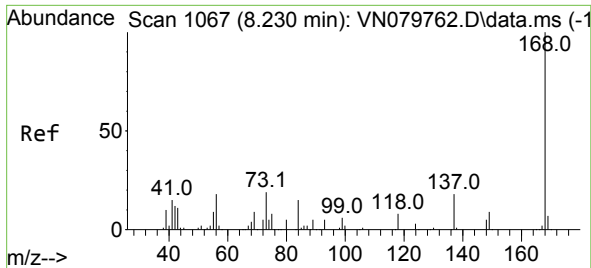
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QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

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

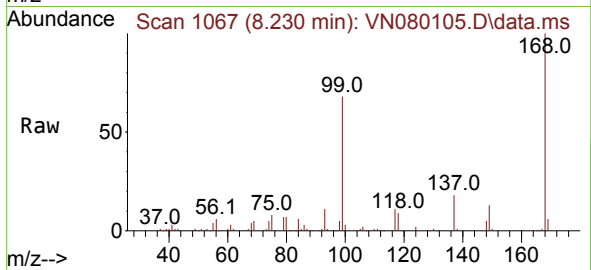
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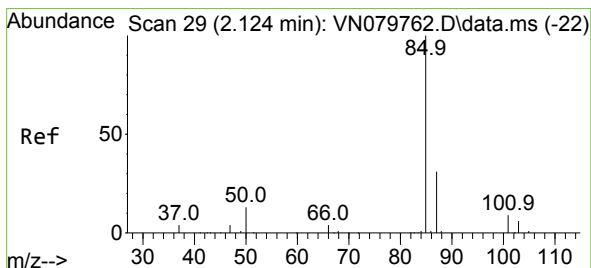
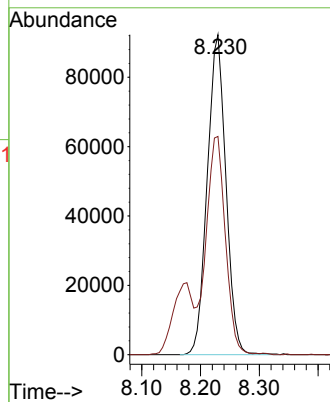
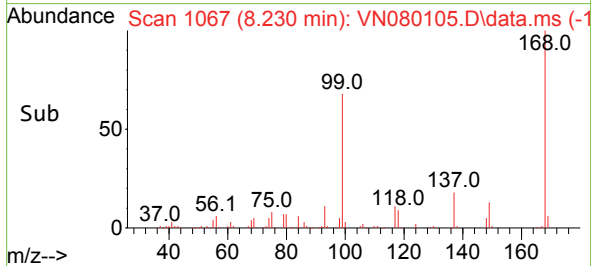


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
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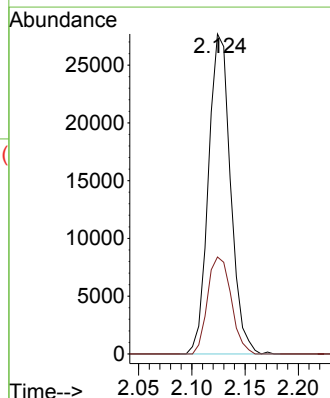
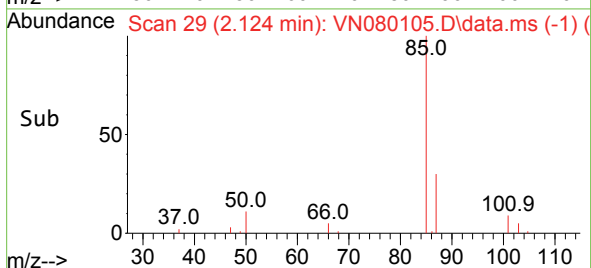
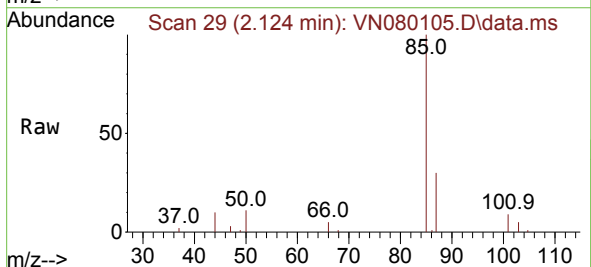


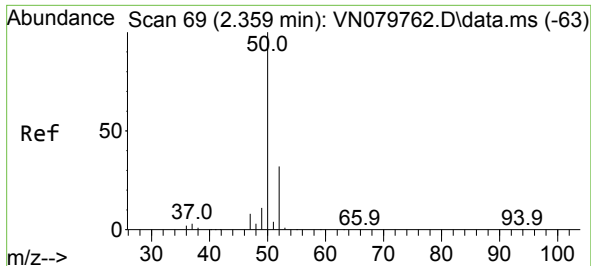
Tgt Ion:168 Resp: 203256
Ion Ratio Lower Upper
168 100
99 68.2 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 16.321 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion: 85 Resp: 39959
Ion Ratio Lower Upper
85 100
87 30.3 15.8 47.4

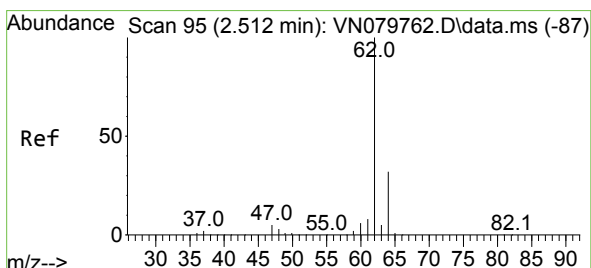
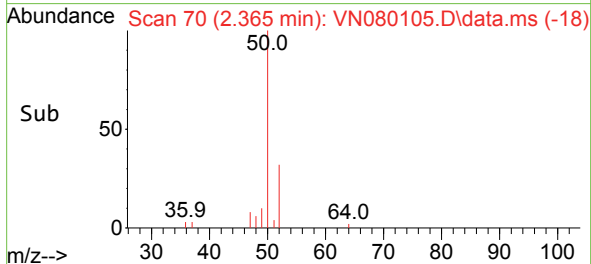
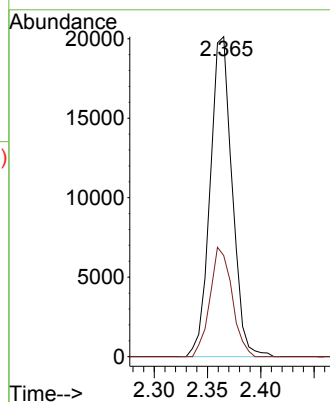
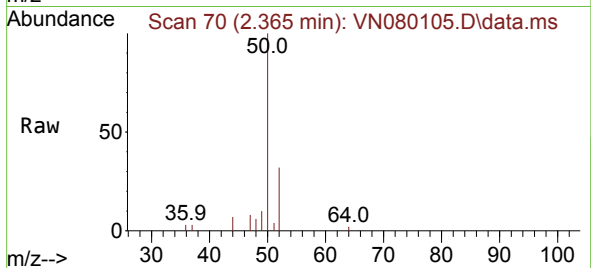




#3
Chloromethane
Concen: 8.652 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

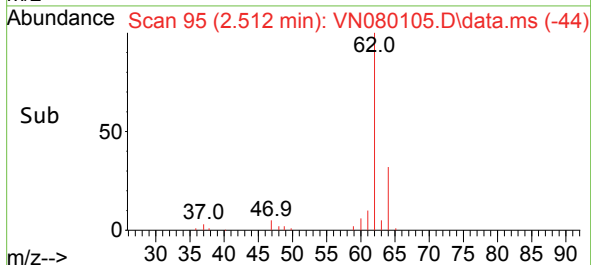
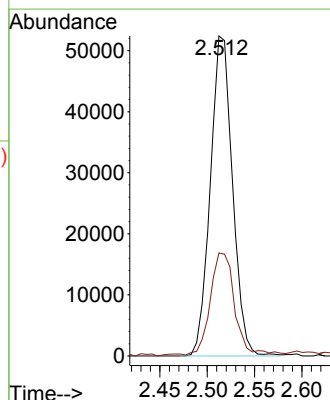
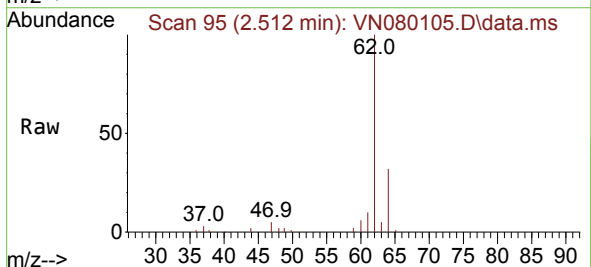
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MSVOA_N
ClientSampleId :

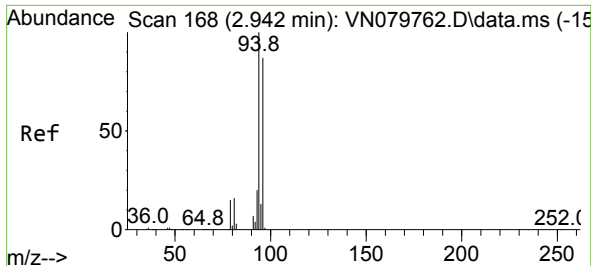
Tgt Ion: 50 Resp: 28855
Ion Ratio Lower Upper
50 100
52 31.6 26.5 39.7



#4
Vinyl Chloride
Concen: 26.670 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion: 62 Resp: 85471
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2

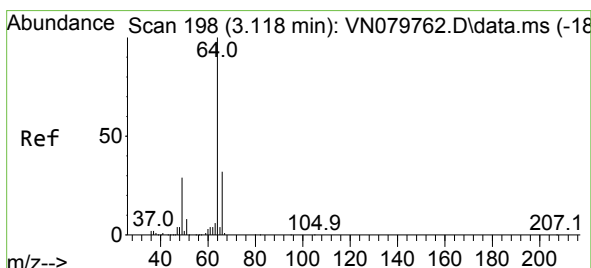
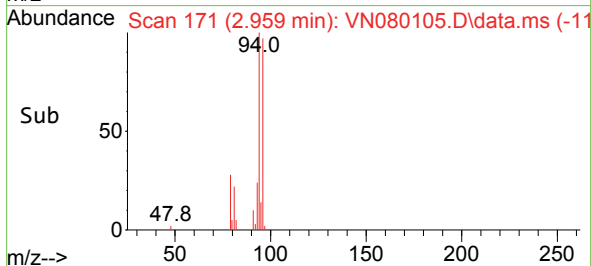
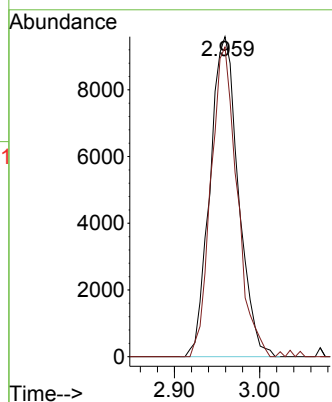
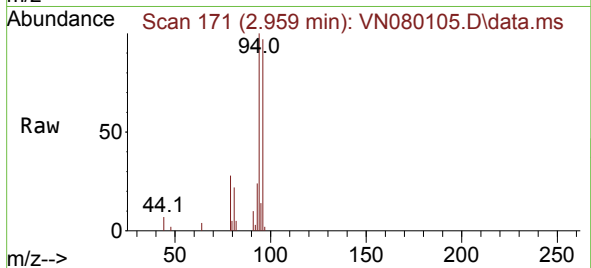




#5
Bromomethane
Concen: 11.416 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080105.D
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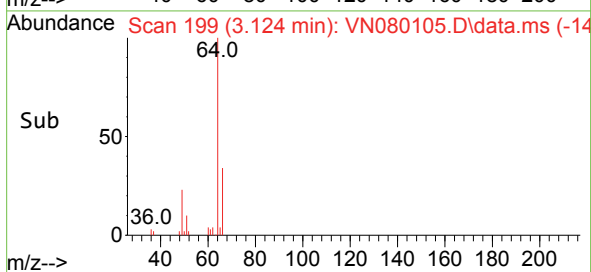
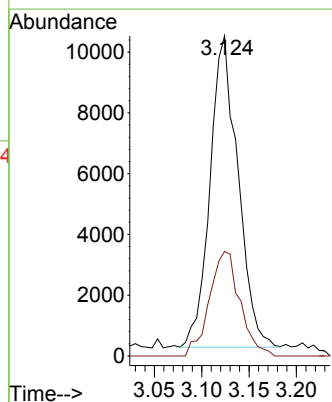
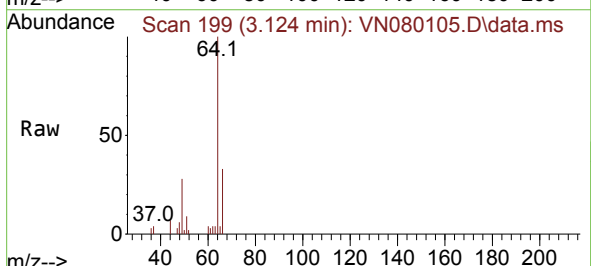
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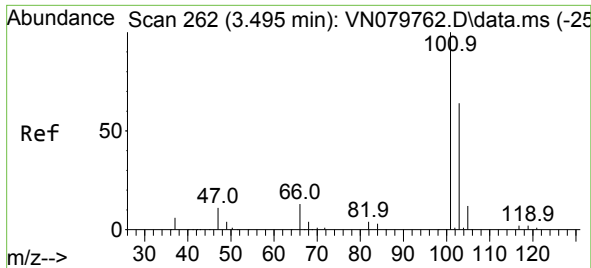
Tgt Ion: 94 Resp: 22229
Ion Ratio Lower Upper
94 100
96 96.8 73.1 109.7



#6
Chloroethane
Concen: 8.306 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion: 64 Resp: 21033
Ion Ratio Lower Upper
64 100
66 33.6 25.4 38.2

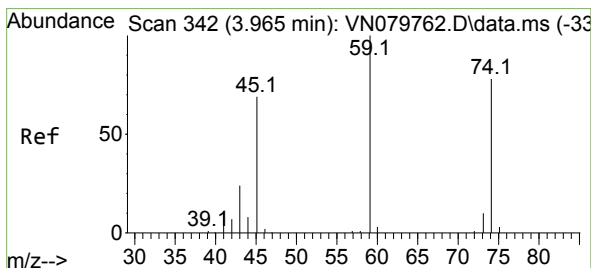
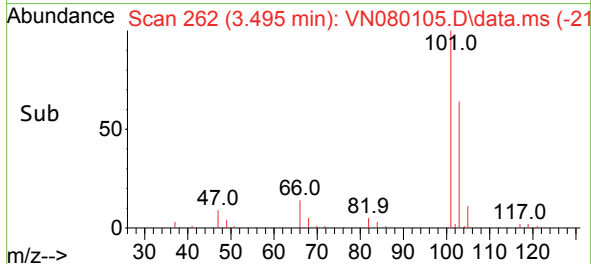
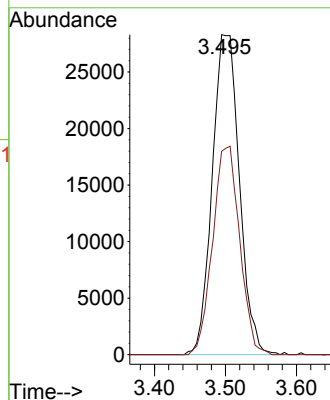
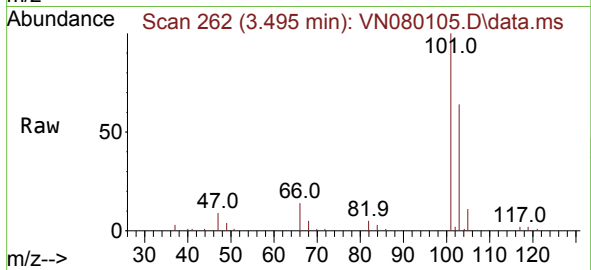




#7
 Trichlorofluoromethane
 Concen: 18.852 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080105.D
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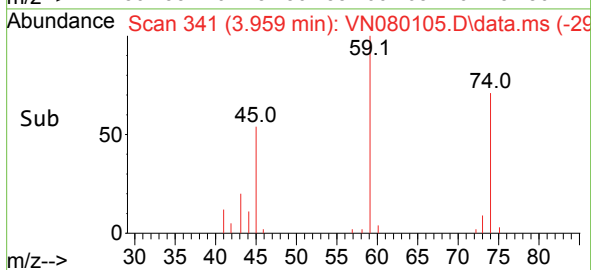
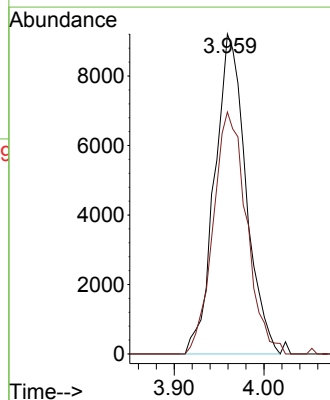
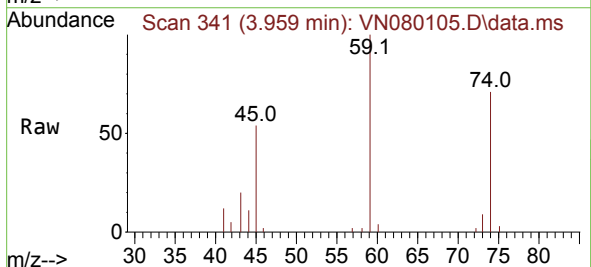
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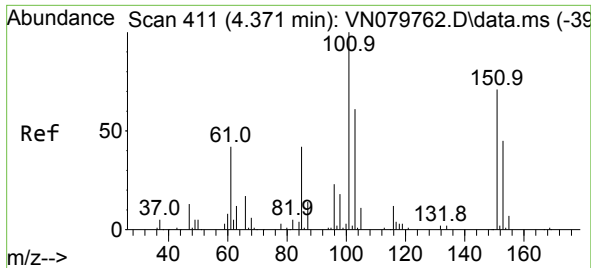
Tgt Ion:101 Resp: 75143
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 14.726 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN080105.D
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Tgt Ion: 74 Resp: 22274
 Ion Ratio Lower Upper
 74 100
 45 80.7 34.4 103.3

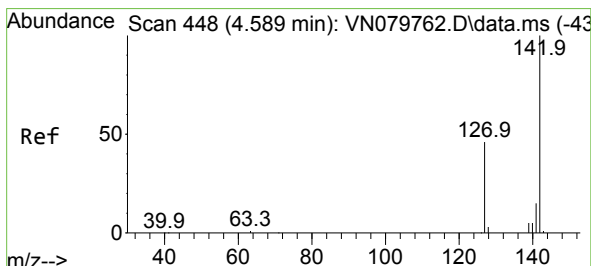
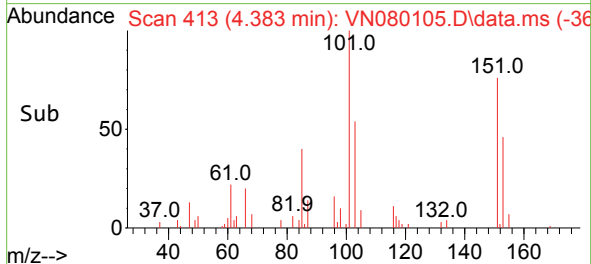
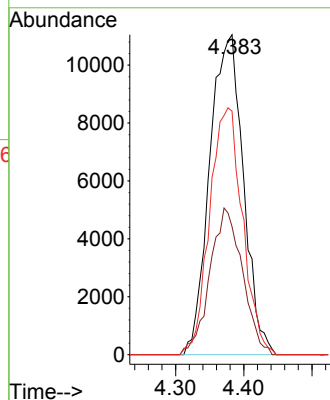
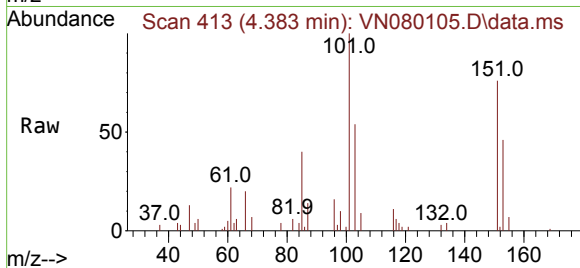




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.420 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

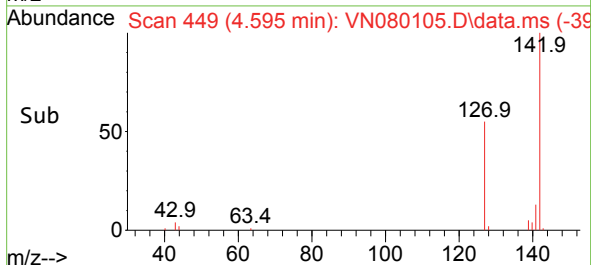
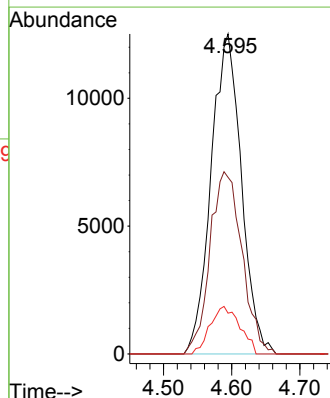
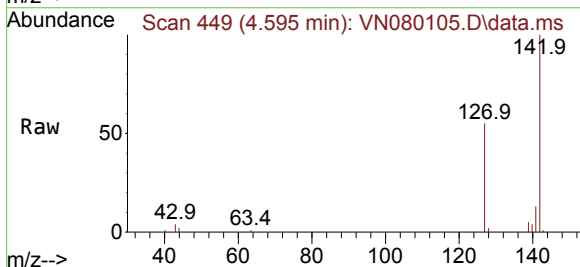
Instrument :
MSVOA_N
ClientSampleId :

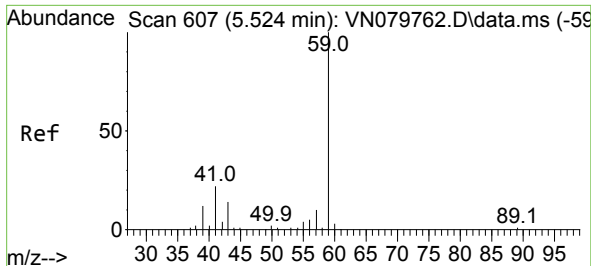
Tgt Ion:101 Resp: 37941
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 75.2 57.6 86.4



#10
Methyl Iodide
Concen: 14.643 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion:142 Resp: 38640
Ion Ratio Lower Upper
142 100
127 55.2 37.6 56.4
141 12.7 11.4 17.0

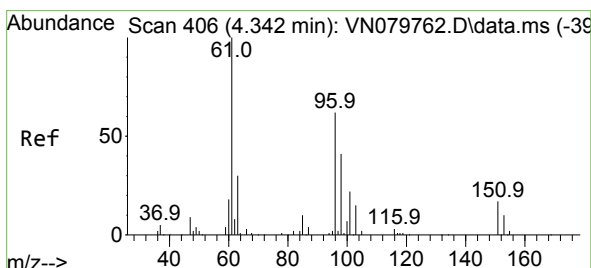
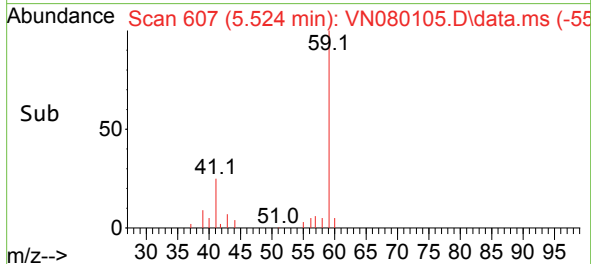
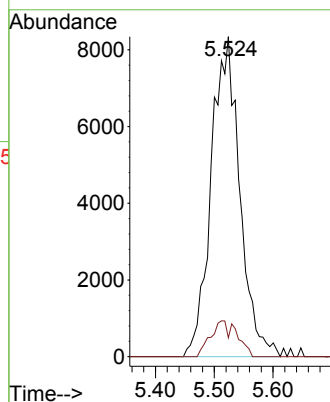
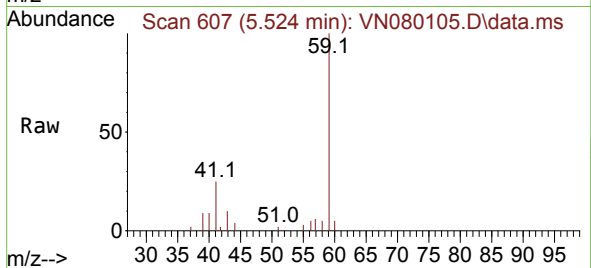




#11
Tert butyl alcohol
Concen: 71.269 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

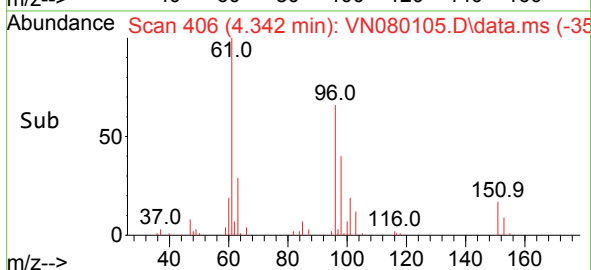
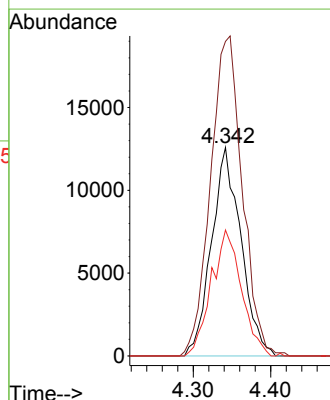
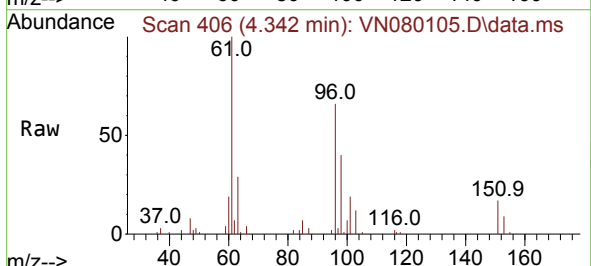
Instrument :
MSVOA_N
ClientSampleId :

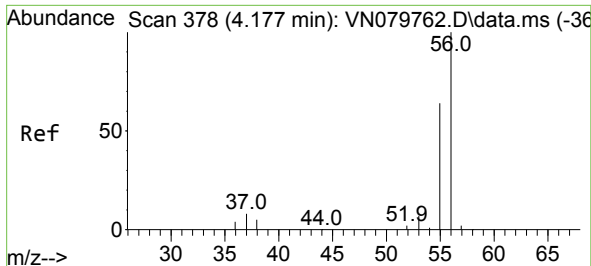
Tgt Ion: 59 Resp: 28173
Ion Ratio Lower Upper
59 100
57 6.7 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 15.199 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion: 96 Resp: 33253
Ion Ratio Lower Upper
96 100
61 150.9 112.7 169.1
98 60.4 51.2 76.8





#13

Acrolein

Concen: 79.546 ug/l

RT: 4.189 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

Instrument :

MSVOA_N

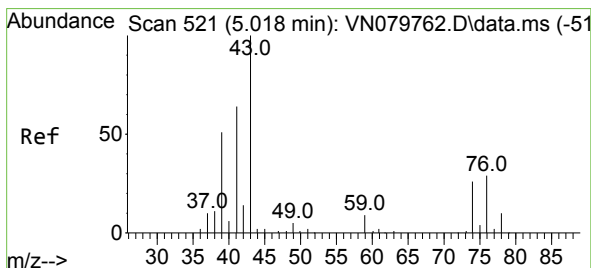
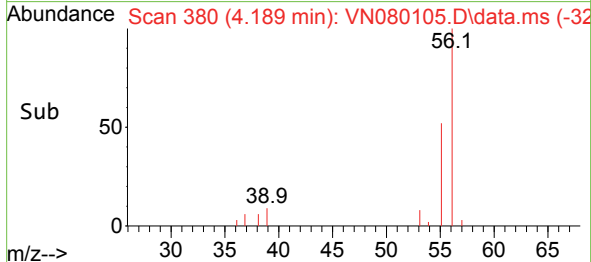
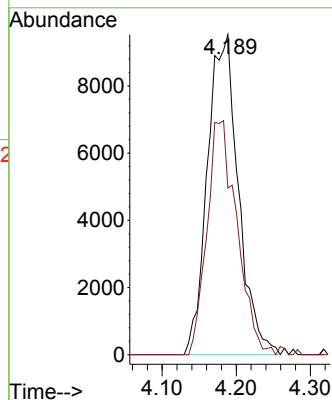
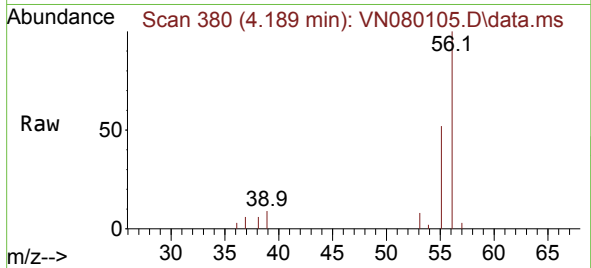
ClientSampleId :

Tgt Ion: 56 Resp: 27639

Ion Ratio Lower Upper

56 100

55 70.8 54.5 81.7



#14

Allyl chloride

Concen: 12.718 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

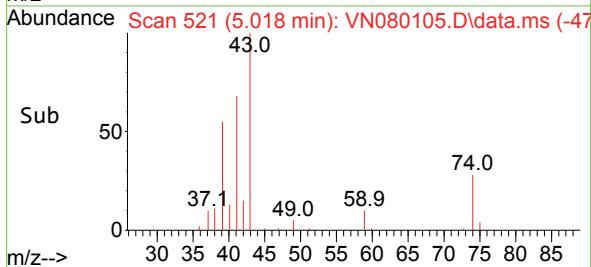
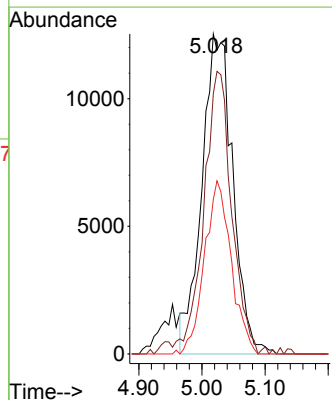
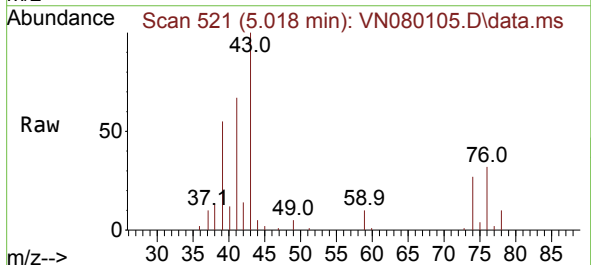
Tgt Ion: 41 Resp: 42616

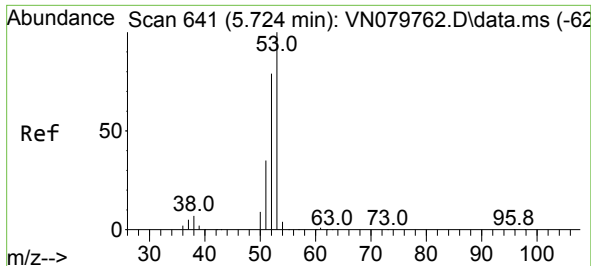
Ion Ratio Lower Upper

41 100

39 77.7 58.8 88.2

76 46.9 39.1 58.7

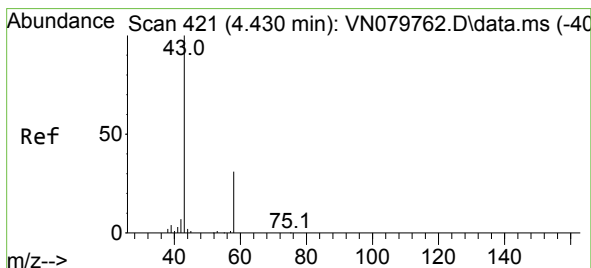
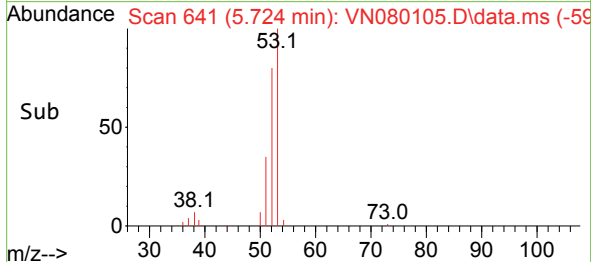
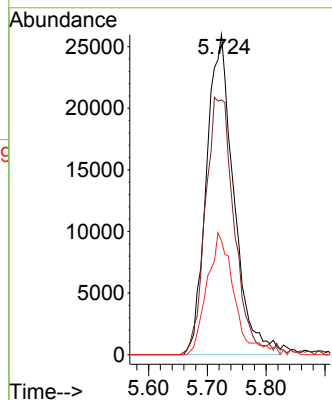
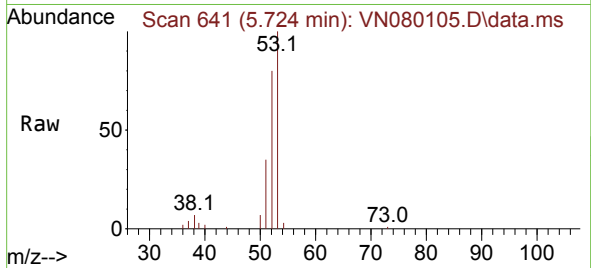




#15
Acrylonitrile
Concen: 67.929 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

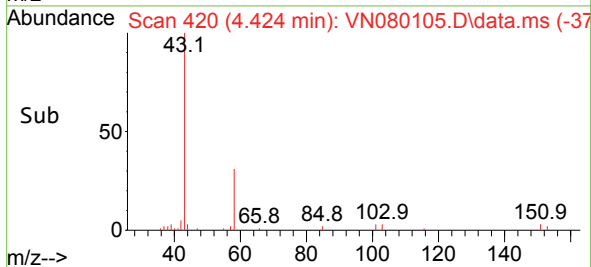
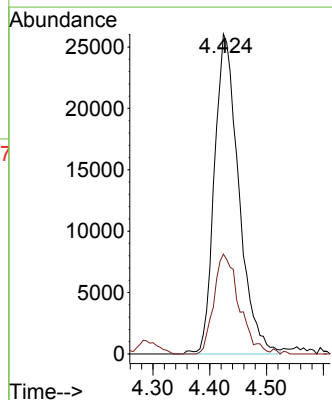
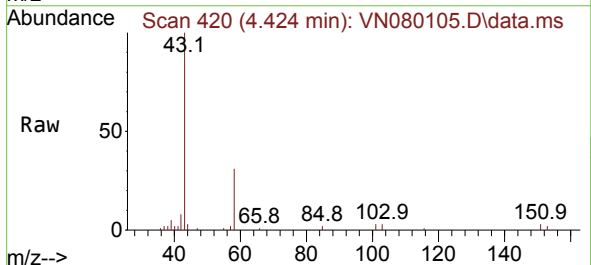
Instrument :
MSVOA_N
ClientSampleId :

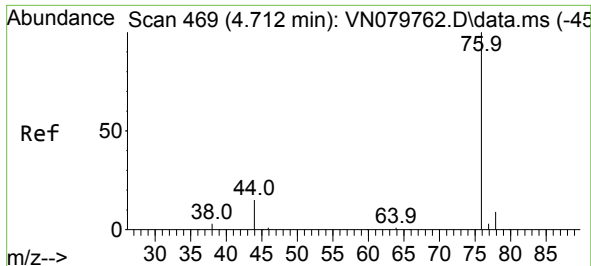
Tgt Ion: 53 Resp: 83682
Ion Ratio Lower Upper
53 100
52 84.6 65.3 97.9
51 37.9 28.9 43.3



#16
Acetone
Concen: 71.237 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

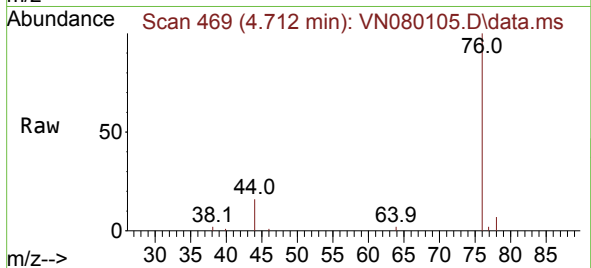
Tgt Ion: 43 Resp: 77487
Ion Ratio Lower Upper
43 100
58 31.2 28.0 42.0



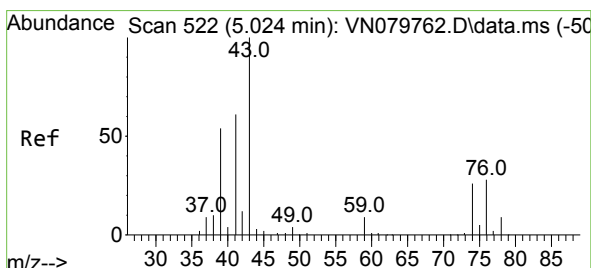
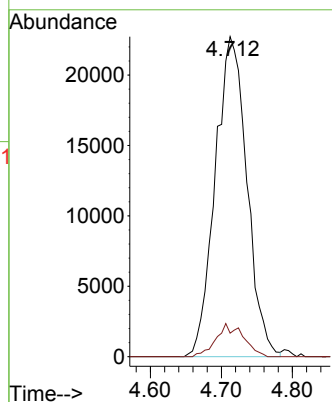
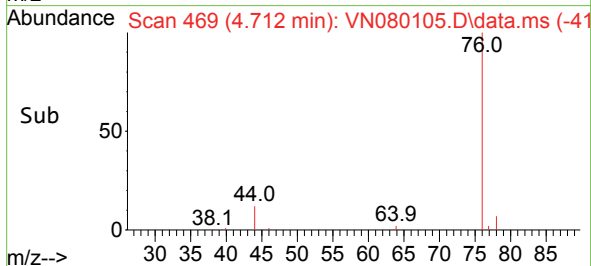


#17
Carbon Disulfide
Concen: 11.155 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :

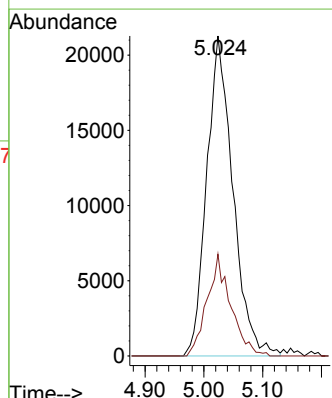
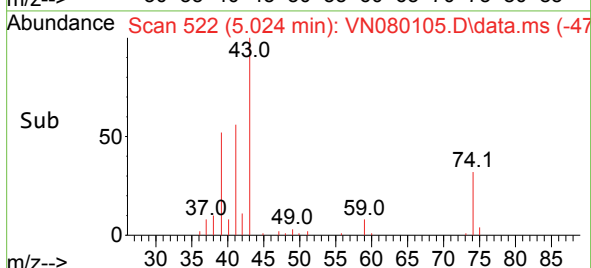
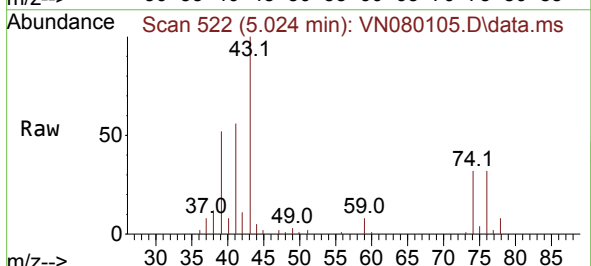


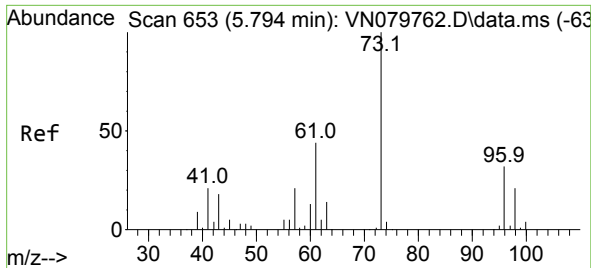
Tgt Ion: 76 Resp: 70396
Ion Ratio Lower Upper
76 100
78 7.4 7.4 11.0



#18
Methyl Acetate
Concen: 12.635 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion: 43 Resp: 65753
Ion Ratio Lower Upper
43 100
74 28.8 26.2 39.4

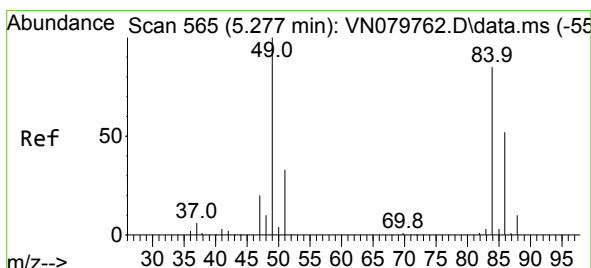
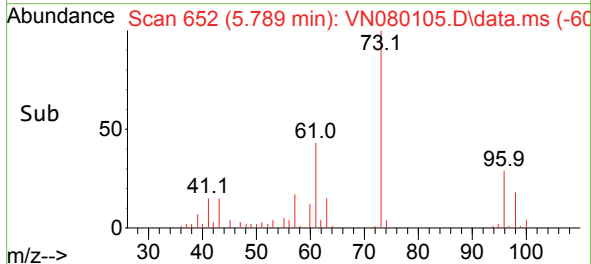
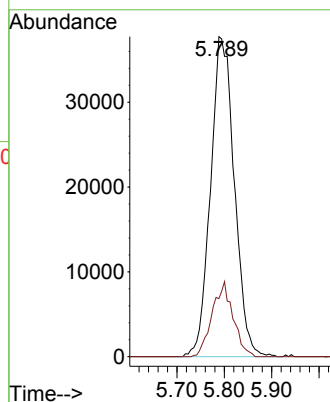
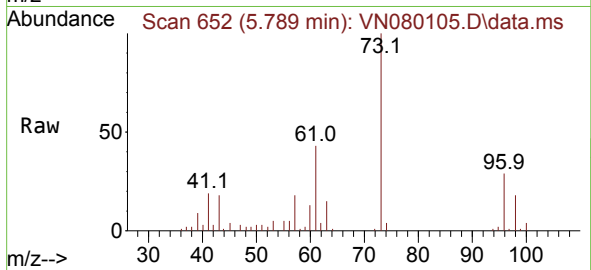




#19
Methyl tert-butyl Ether
Concen: 17.487 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

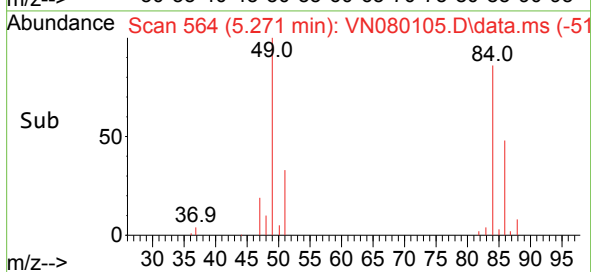
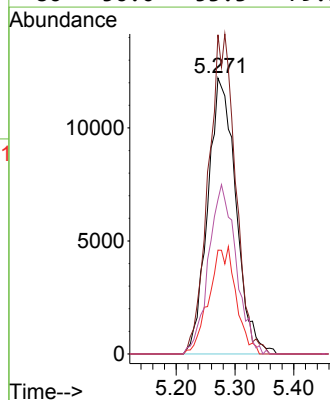
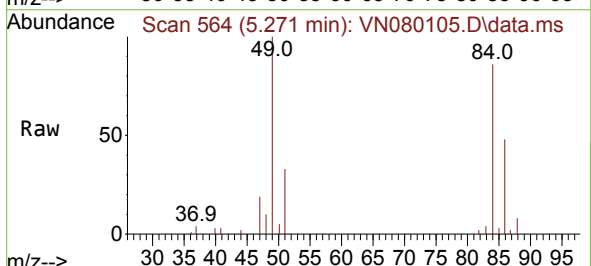
Instrument :
MSVOA_N
ClientSampleId :

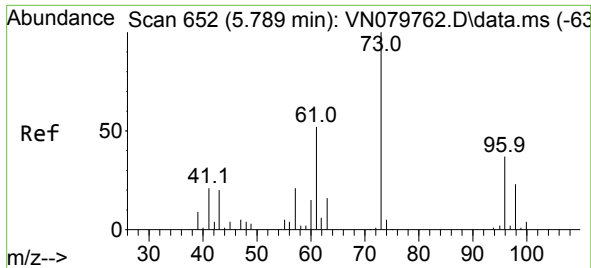
Tgt Ion: 73 Resp: 131722
Ion Ratio Lower Upper
73 100
57 18.2 15.6 23.4



#20
Methylene Chloride
Concen: 14.807 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion: 84 Resp: 40640
Ion Ratio Lower Upper
84 100
49 115.7 79.7 119.5
51 37.6 25.2 37.8
86 56.0 53.3 79.9

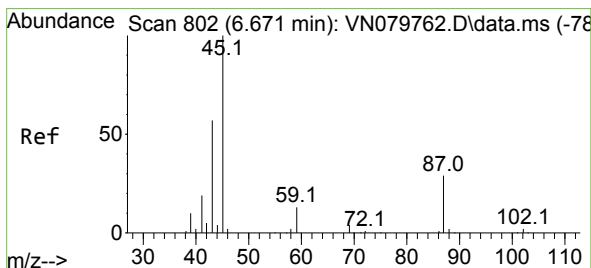
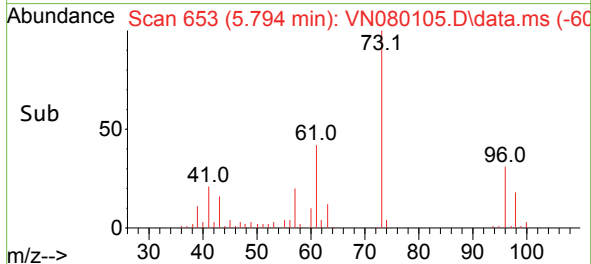
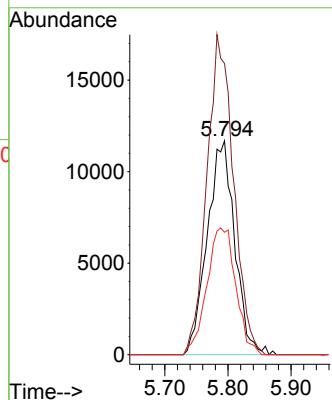
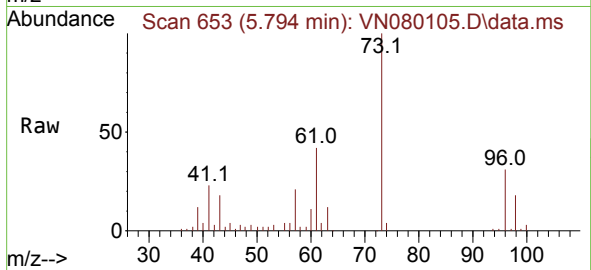




#21
trans-1,2-Dichloroethene
Concen: 14.482 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

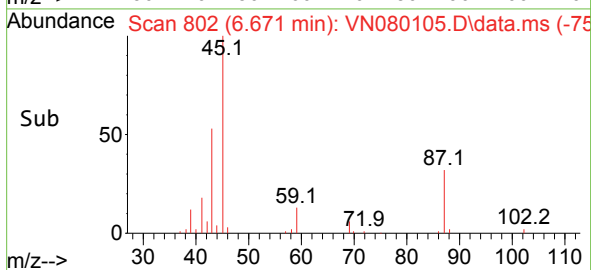
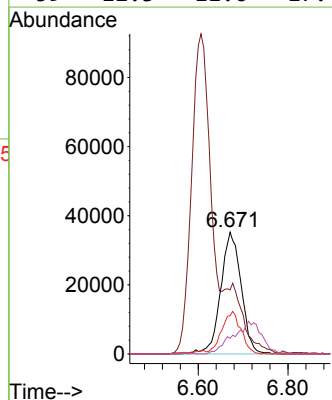
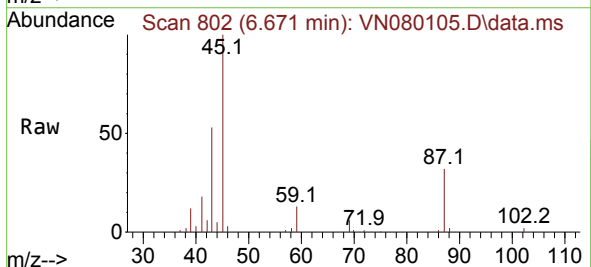
Instrument :
MSVOA_N
ClientSampleId :

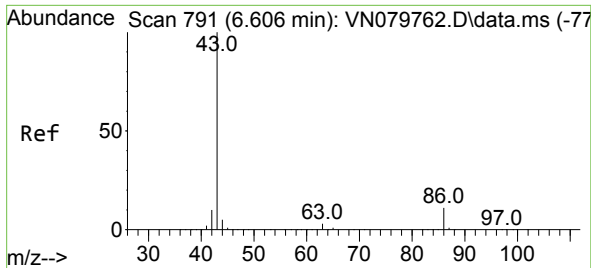
Tgt Ion: 96 Resp: 35338
Ion Ratio Lower Upper
96 100
61 136.1 90.1 135.1#
98 57.2 46.4 69.6



#22
Diisopropyl ether
Concen: 14.410 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion: 45 Resp: 111898
Ion Ratio Lower Upper
45 100
43 51.6 45.5 68.3
87 31.6 31.8 47.8#
59 12.3 11.6 17.4

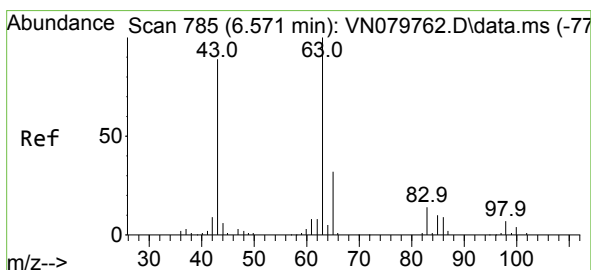
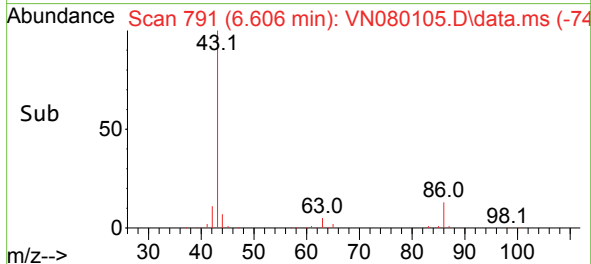
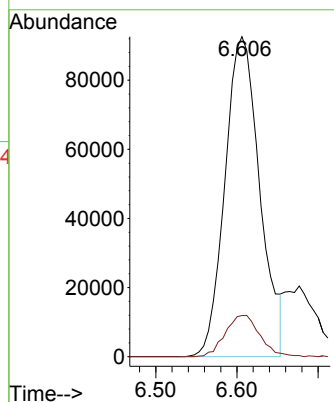
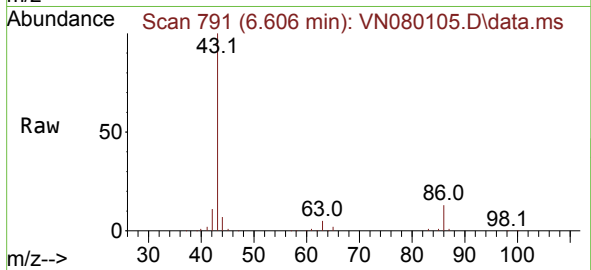




#23
 Vinyl Acetate
 Concen: 64.545 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN080105.D
 Acq: 15 Nov 2023 12:52

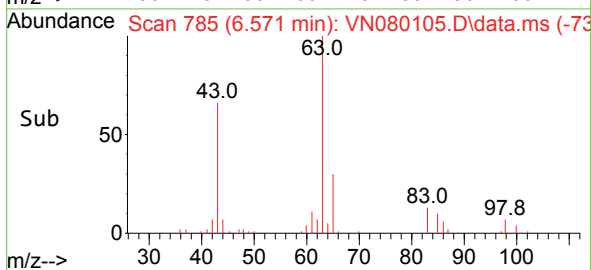
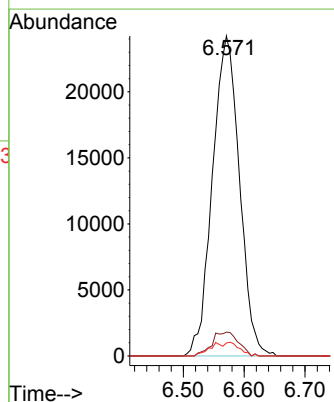
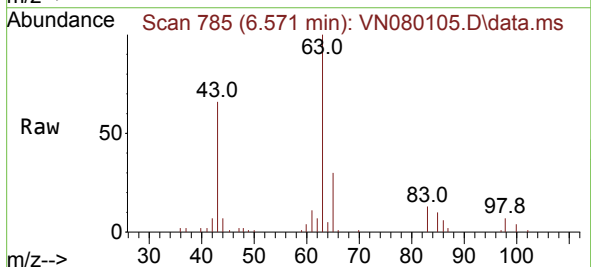
Instrument :
 MSVOA_N
 ClientSampleId :

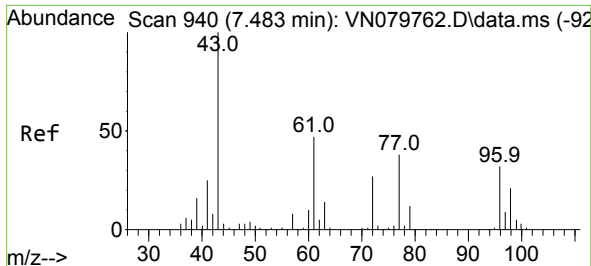
Tgt Ion: 43 Resp: 276475
 Ion Ratio Lower Upper
 43 100
 86 12.9 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 15.827 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080105.D
 Acq: 15 Nov 2023 12:52

Tgt Ion: 63 Resp: 74704
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.1 2.5 7.4





#25

2-Butanone

Concen: 64.221 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

Instrument :

MSVOA_N

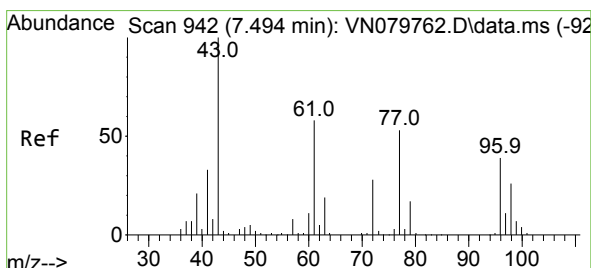
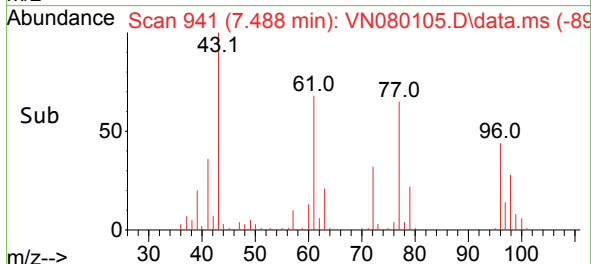
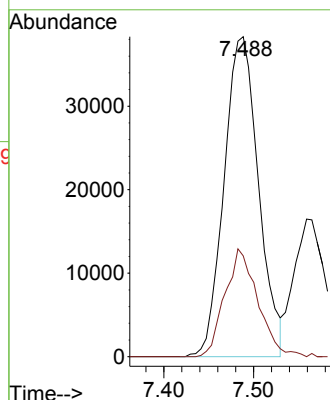
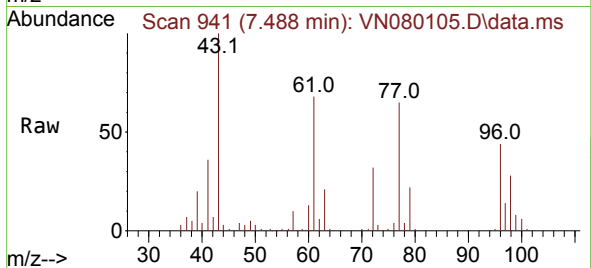
ClientSampleId :

Tgt Ion: 43 Resp: 102293

Ion Ratio Lower Upper

43 100

72 31.5 30.2 45.2



#26

2,2-Dichloropropane

Concen: 18.881 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN080105.D

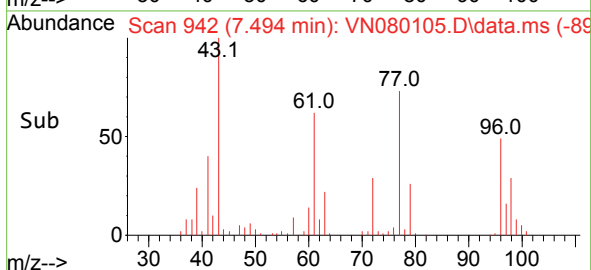
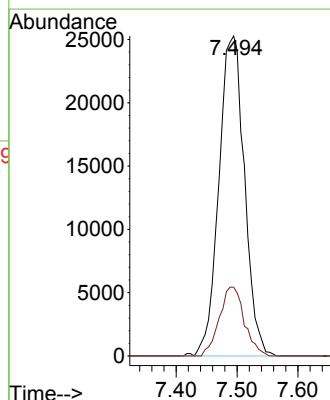
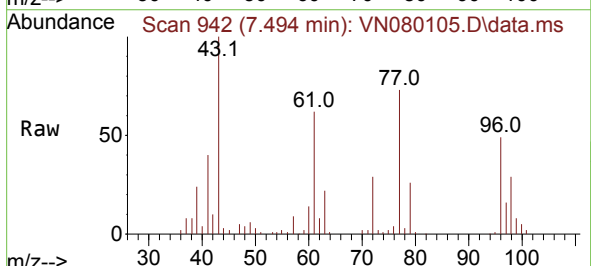
Acq: 15 Nov 2023 12:52

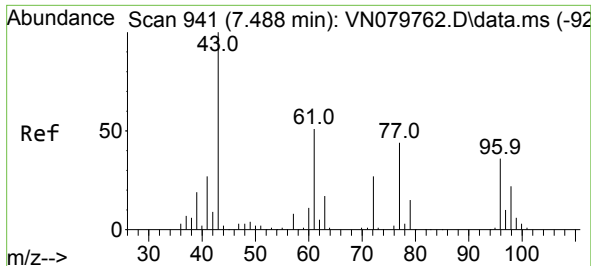
Tgt Ion: 77 Resp: 73701

Ion Ratio Lower Upper

77 100

97 21.0 11.2 33.6

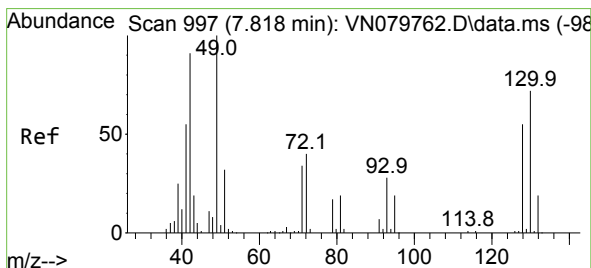
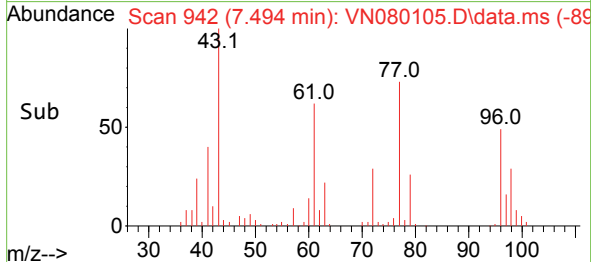
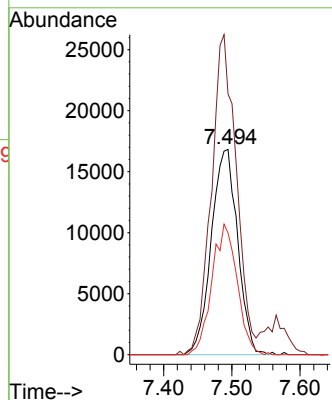
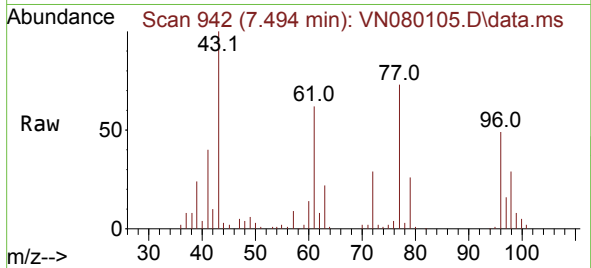




#27
 cis-1,2-Dichloroethene
 Concen: 15.492 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080105.D
 Acq: 15 Nov 2023 12:52

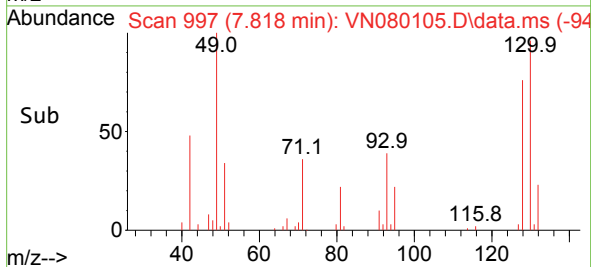
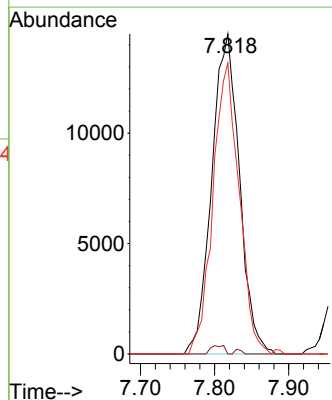
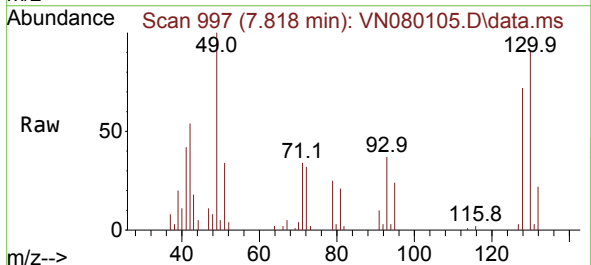
Instrument :
 MSVOA_N
 ClientSampleId :

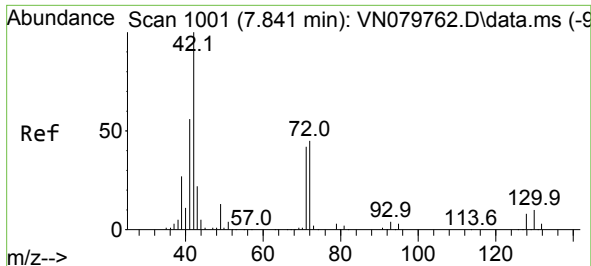
Tgt Ion: 96 Resp: 45218
 Ion Ratio Lower Upper
 96 100
 61 148.2 0.0 255.2
 98 61.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 16.339 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080105.D
 Acq: 15 Nov 2023 12:52

Tgt Ion: 49 Resp: 37583
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.8
 130 85.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 57.737 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.006 min

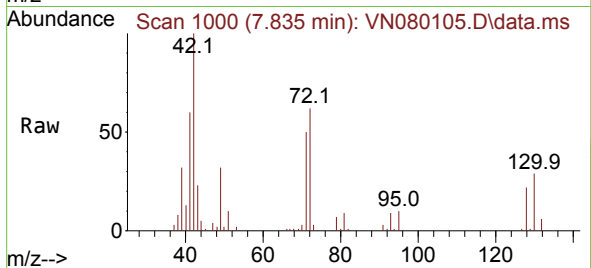
Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

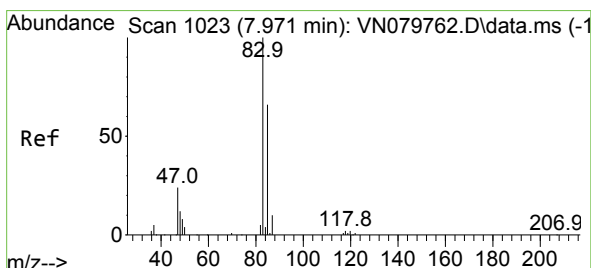
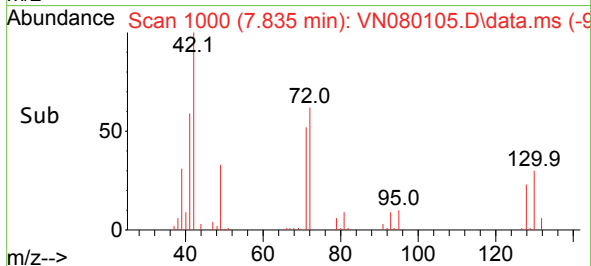
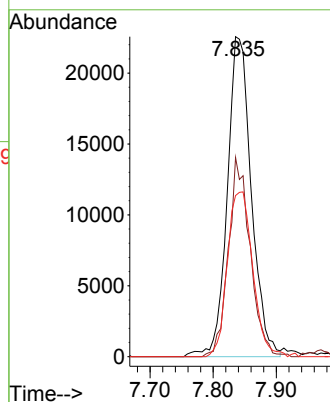
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	59834
Ion	Ratio	Lower	Upper
42	100		
72	56.3	49.8	74.6
71	54.3	47.4	71.2



#30

Chloroform

Concen: 17.435 ug/l

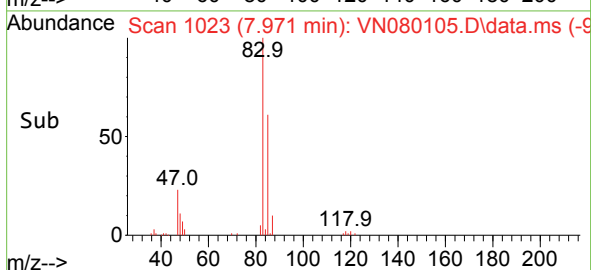
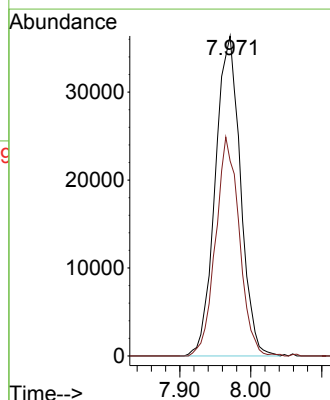
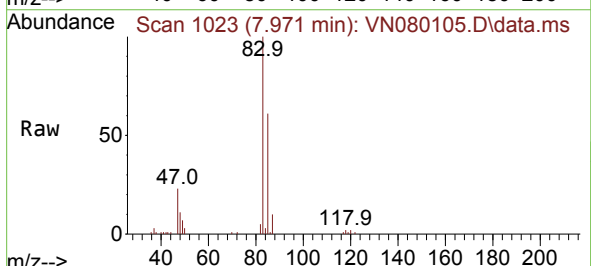
RT: 7.971 min Scan# 1023

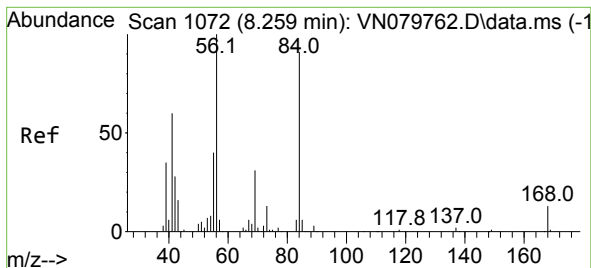
Delta R.T. 0.000 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

Tgt Ion:	83	Resp:	89387
Ion	Ratio	Lower	Upper
83	100		
85	61.0	55.4	83.0





#31

Cyclohexane

Concen: 13.262 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

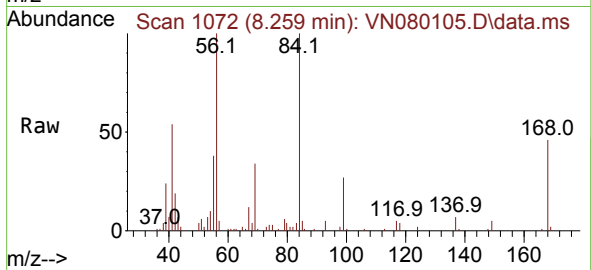
Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :



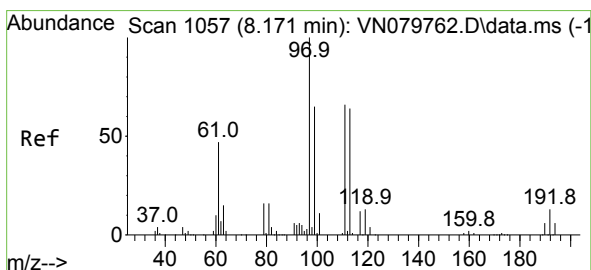
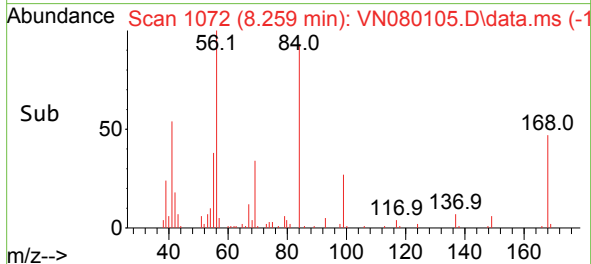
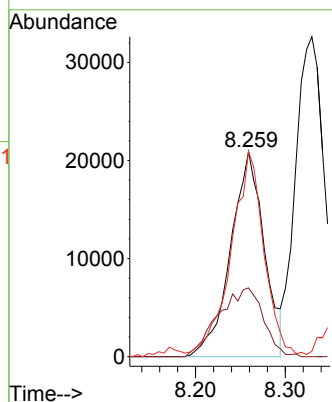
Tgt Ion: 56 Resp: 54267

Ion Ratio Lower Upper

56 100

69 33.5 26.8 40.2

84 97.5 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 19.558 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

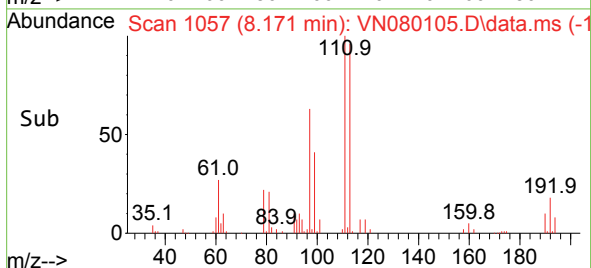
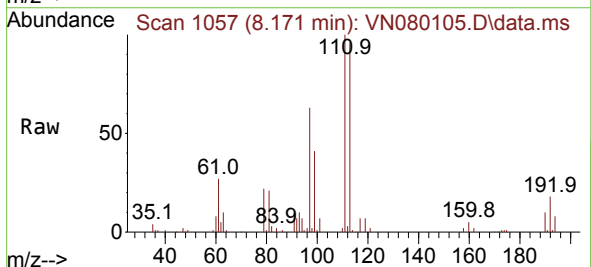
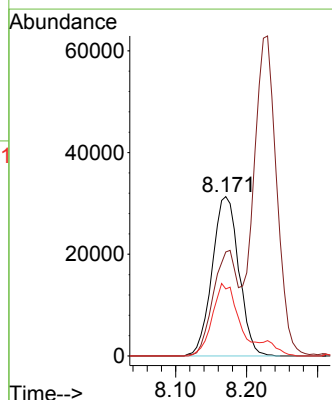
Tgt Ion: 97 Resp: 81702

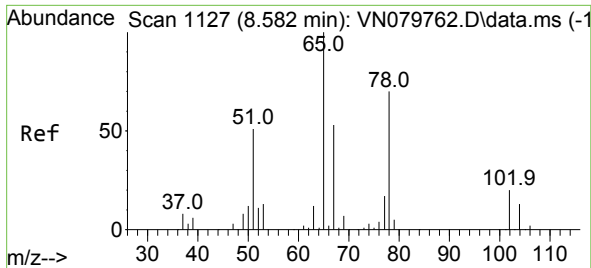
Ion Ratio Lower Upper

97 100

99 58.1 50.3 75.5

61 45.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.421 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

Instrument :

MSVOA_N

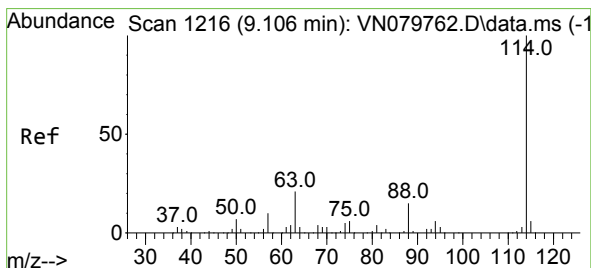
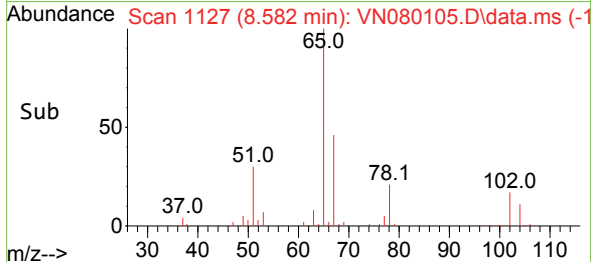
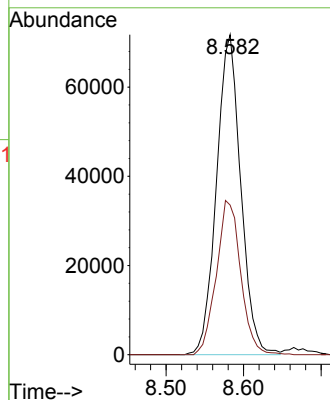
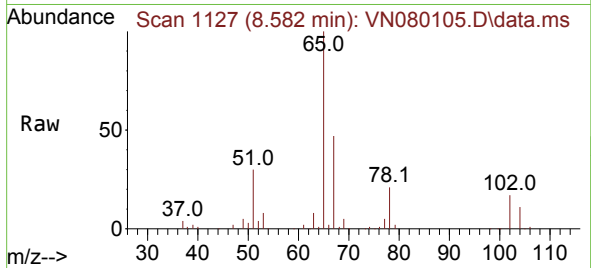
ClientSampleId :

Tgt Ion: 65 Resp: 156138

Ion Ratio Lower Upper

65 100

67 48.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

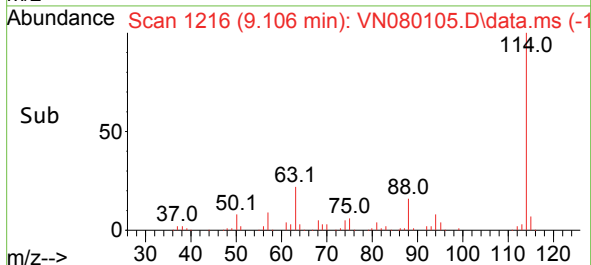
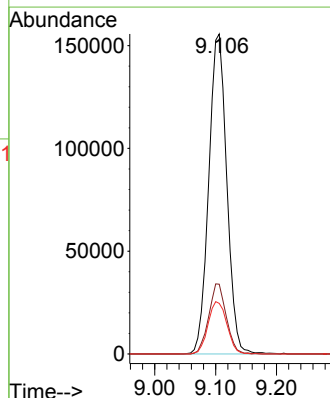
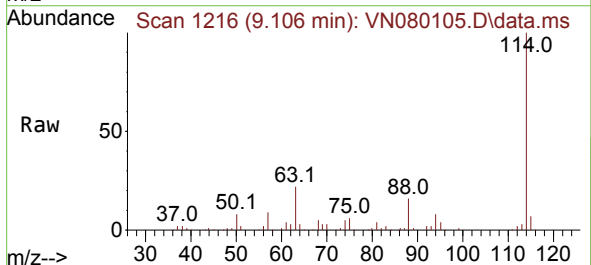
Tgt Ion: 114 Resp: 319855

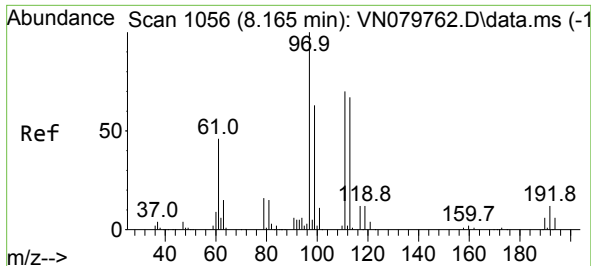
Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.252 ug/l

RT: 8.171 min Scan# 1

Delta R.T. 0.000 min

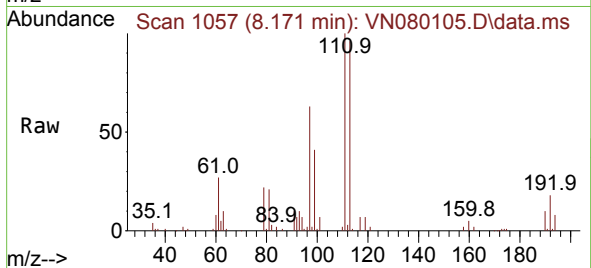
Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :



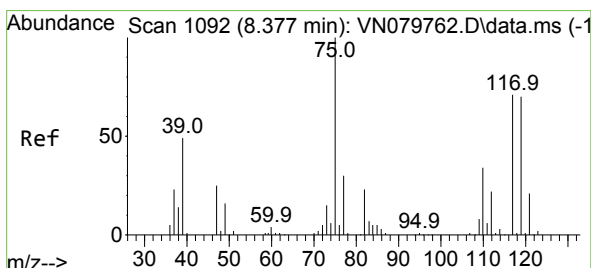
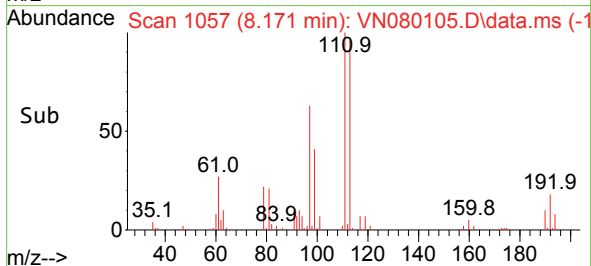
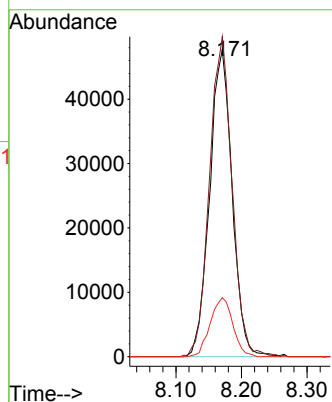
Tgt Ion:113 Resp: 113761

Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

192 19.2 12.7 19.1#



#36

1,1-Dichloropropene

Concen: 17.320 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

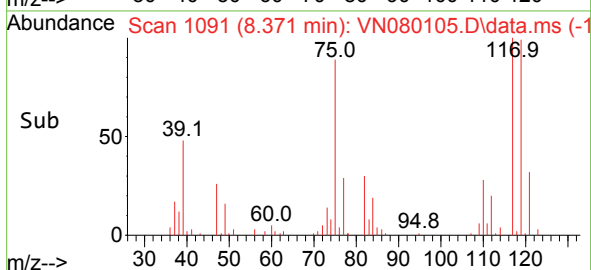
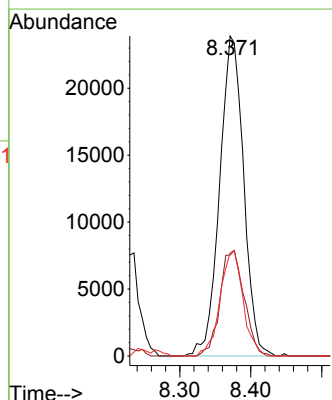
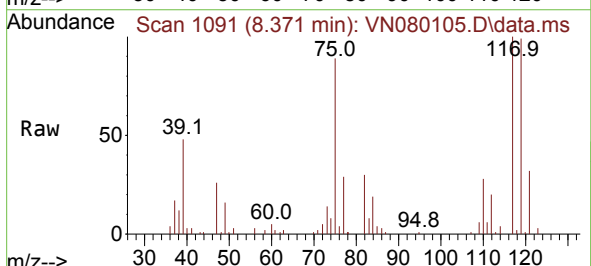
Tgt Ion: 75 Resp: 55983

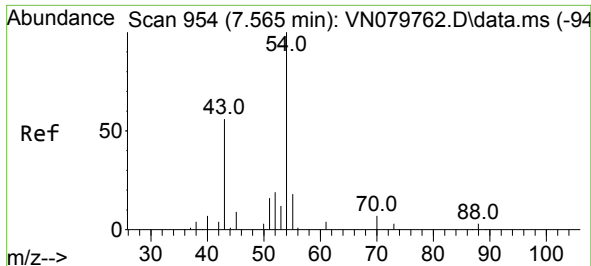
Ion Ratio Lower Upper

75 100

110 33.2 19.1 57.3

77 31.5 25.0 37.4

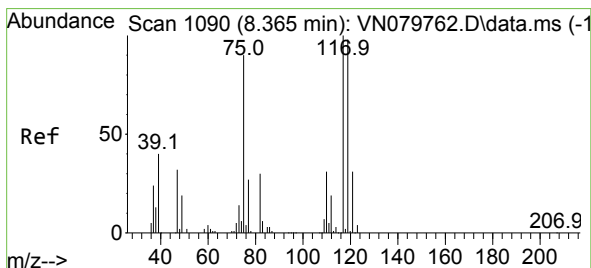
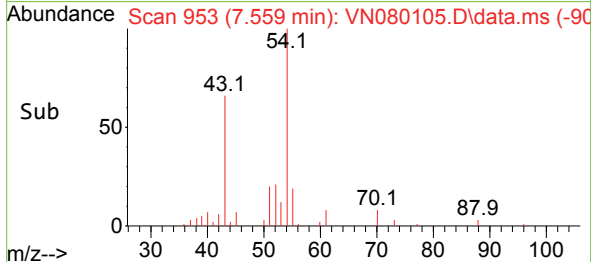
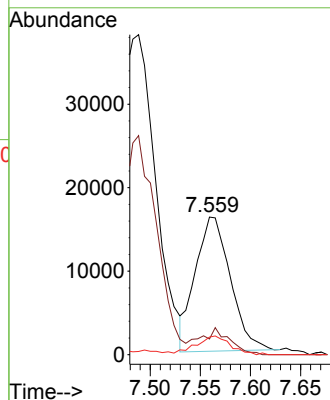
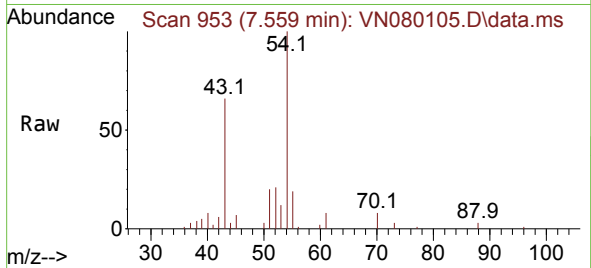




#37
Ethyl Acetate
Concen: 13.218 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

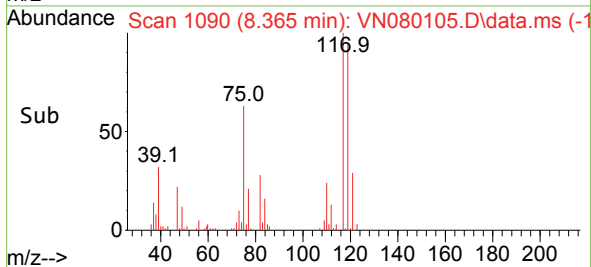
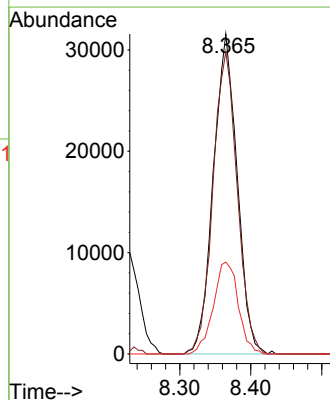
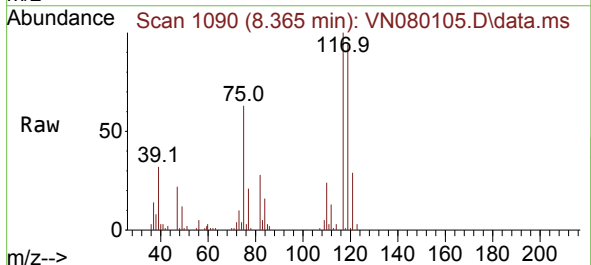
Instrument :
MSVOA_N
ClientSampleId :

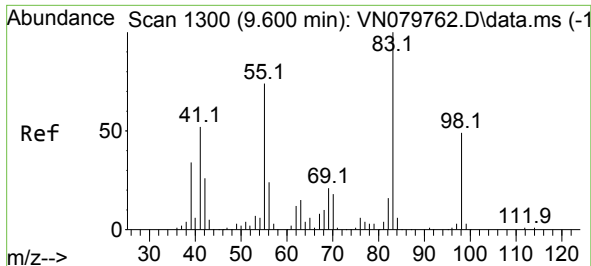
Tgt Ion: 43 Resp: 39185
Ion Ratio Lower Upper
43 100
61 17.0 13.2 19.8
70 13.5 11.3 16.9



#38
Carbon Tetrachloride
Concen: 22.529 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion: 117 Resp: 73392
Ion Ratio Lower Upper
117 100
119 94.5 77.3 115.9
121 28.7 23.3 34.9





#39

Methylcyclohexane

Concen: 15.617 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

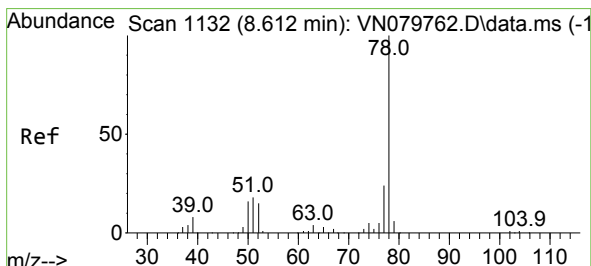
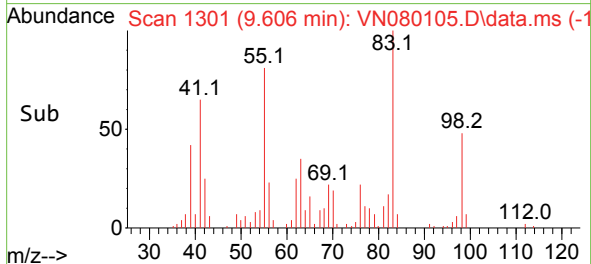
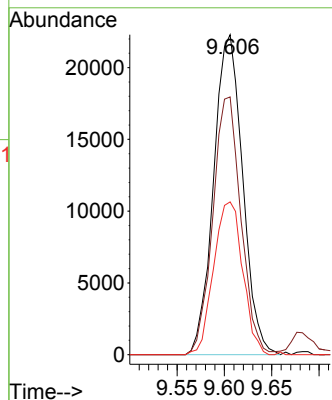
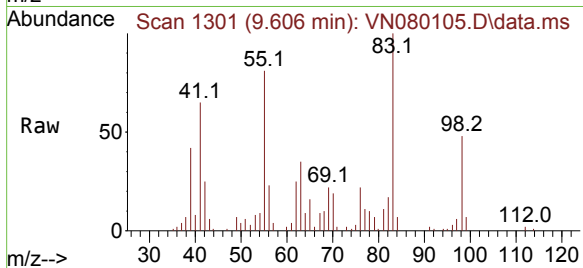
Tgt Ion: 83 Resp: 47505

Ion Ratio Lower Upper

83 100

55 80.6 49.1 73.7#

98 47.8 40.6 61.0



#40

Benzene

Concen: 17.056 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN080105.D

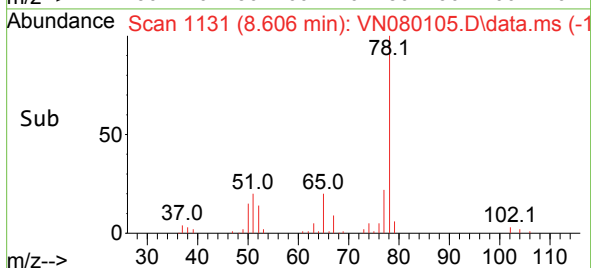
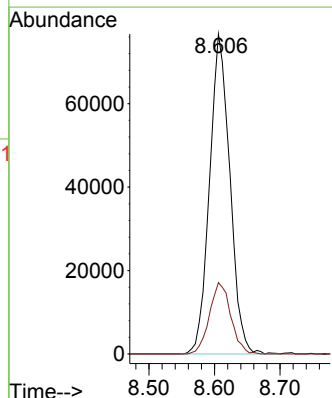
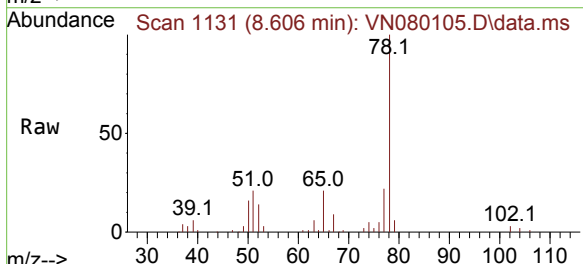
Acq: 15 Nov 2023 12:52

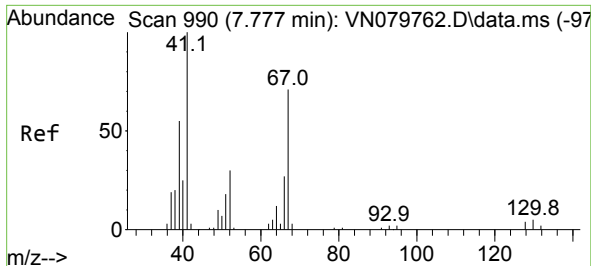
Tgt Ion: 78 Resp: 165121

Ion Ratio Lower Upper

78 100

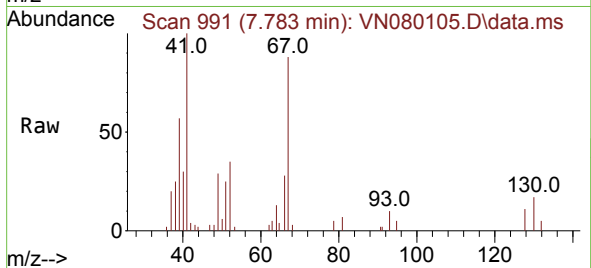
77 22.3 19.0 28.6



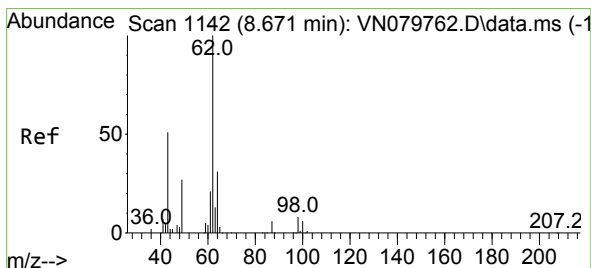
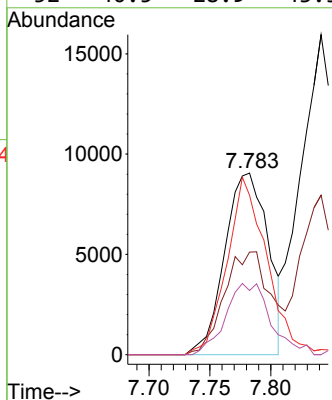
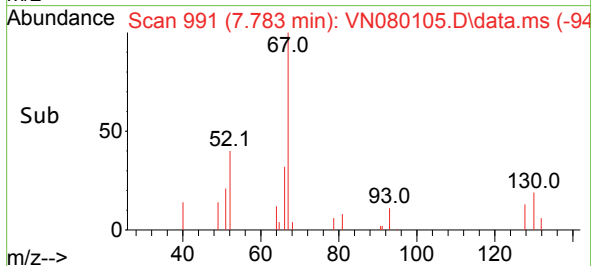


#41
Methacrylonitrile
Concen: 14.301 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :

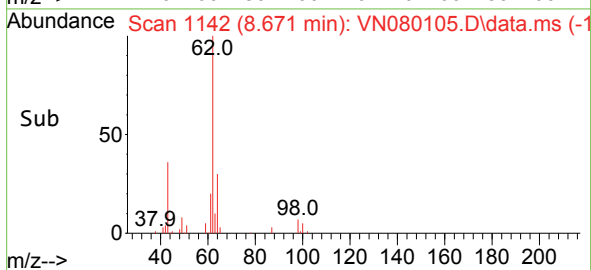
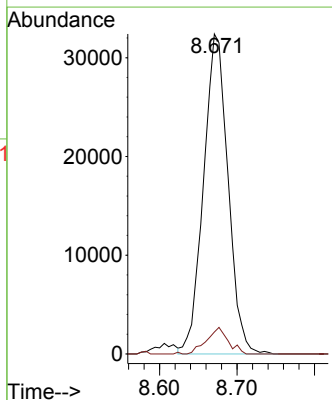
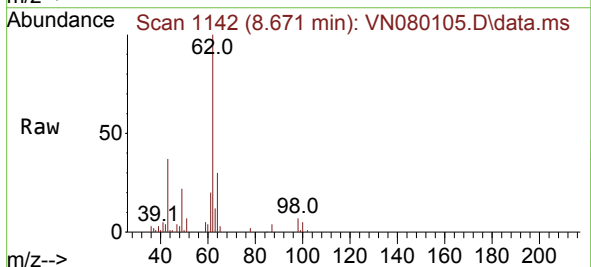


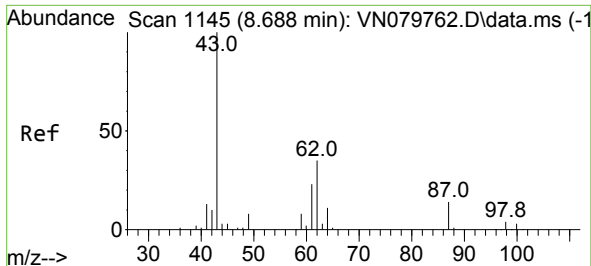
Tgt Ion:	41	Resp:	22513
Ion	Ratio	Lower	Upper
41	100		
39	61.5	42.6	64.0
67	90.1	77.5	116.3
52	40.5	28.9	43.3



#42
1,2-Dichloroethane
Concen: 21.089 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion:	62	Resp:	71317
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	19.8

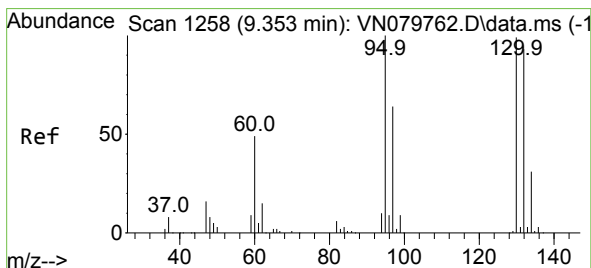
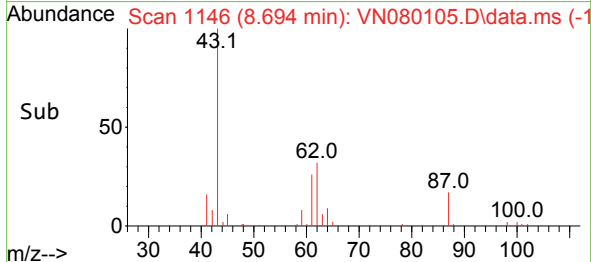
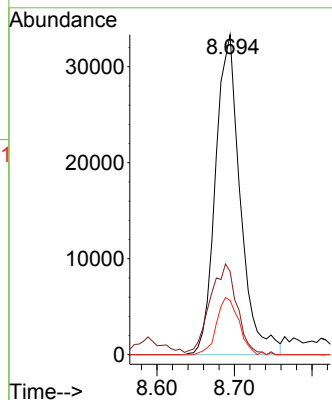
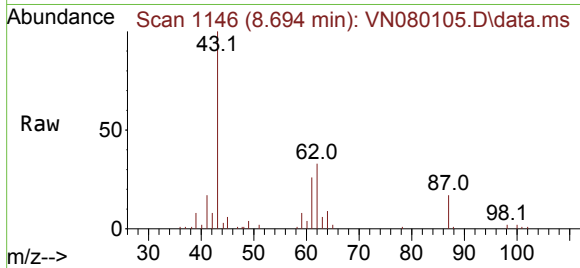




#43
Isopropyl Acetate
Concen: 14.267 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

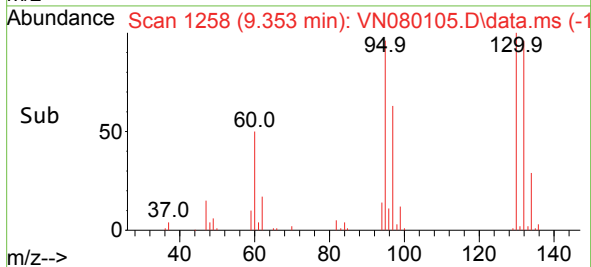
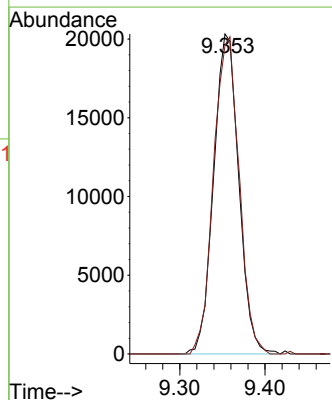
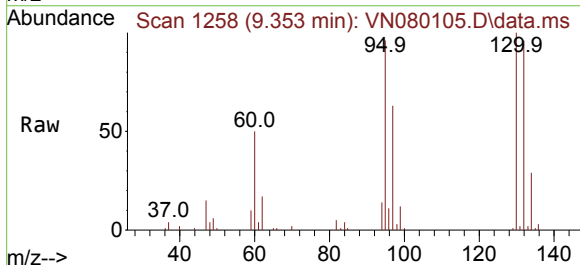
Instrument :
MSVOA_N
ClientSampleId :

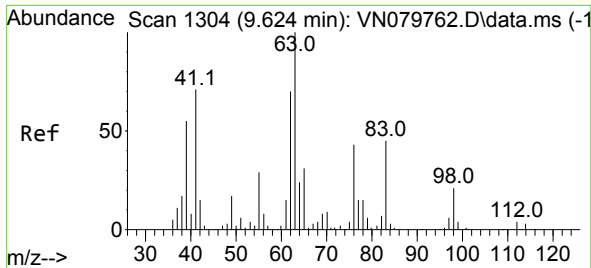
Tgt Ion	Ratio	Lower	Upper
43	100		
61	30.9	24.7	37.1
87	16.2	14.6	21.8



#44
Trichloroethene
Concen: 17.305 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	204.6

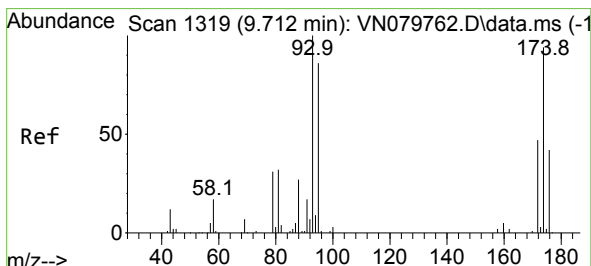
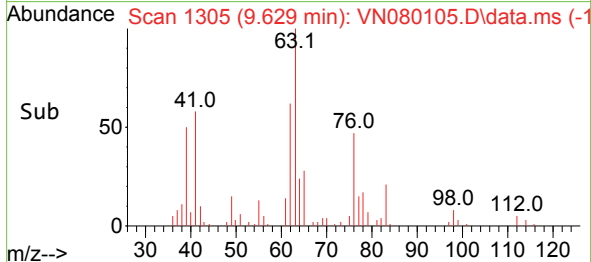
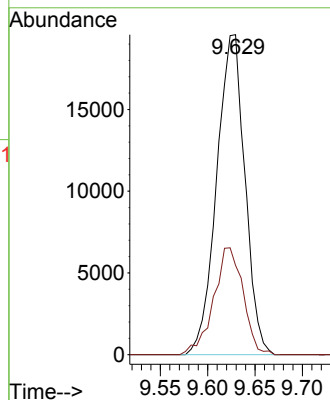
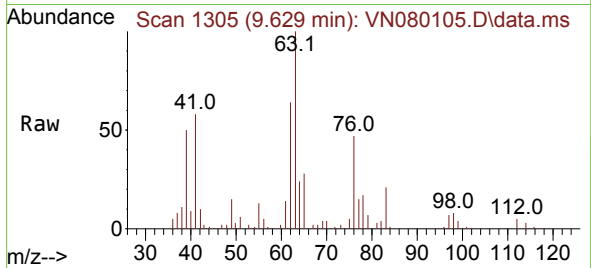




#45
1,2-Dichloropropane
Concen: 16.426 ug/l
RT: 9.629 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

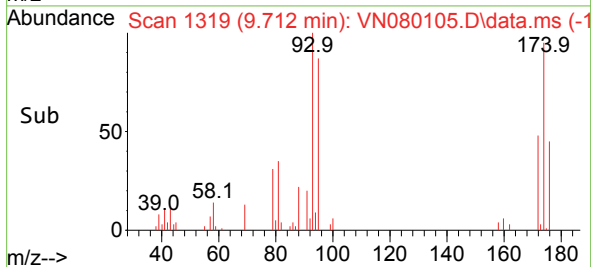
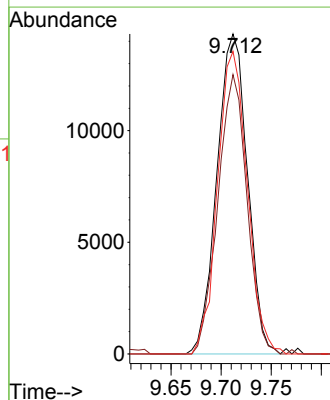
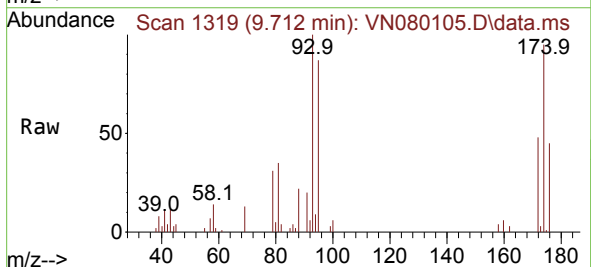
Instrument :
MSVOA_N
ClientSampleId :

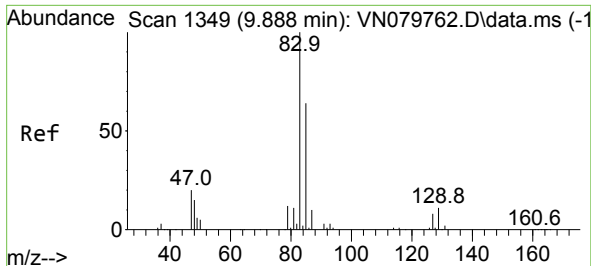
Tgt Ion: 63 Resp: 40640
Ion Ratio Lower Upper
63 100
65 27.9 23.9 35.9



#46
Dibromomethane
Concen: 17.986 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

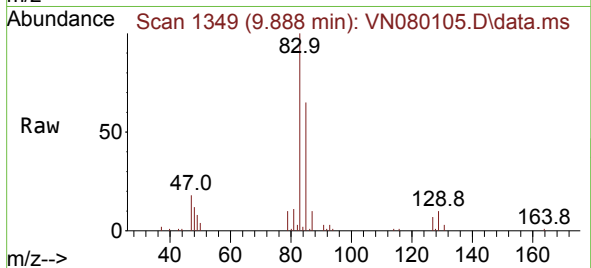
Tgt Ion: 93 Resp: 30385
Ion Ratio Lower Upper
93 100
95 83.2 63.8 95.8
174 92.1 65.6 98.4



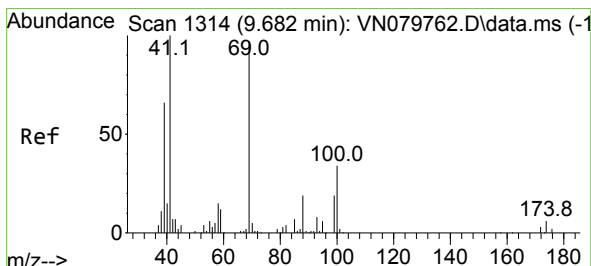
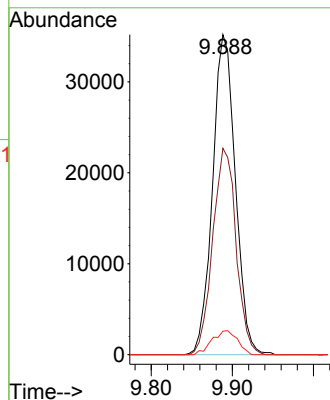
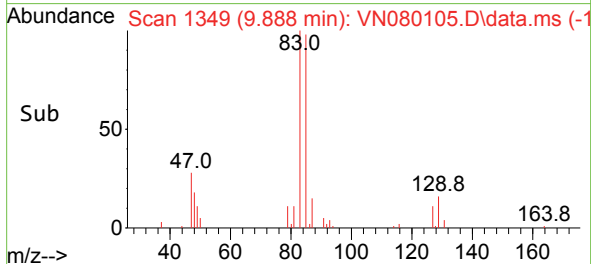


#47
Bromodichloromethane
Concen: 19.065 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :

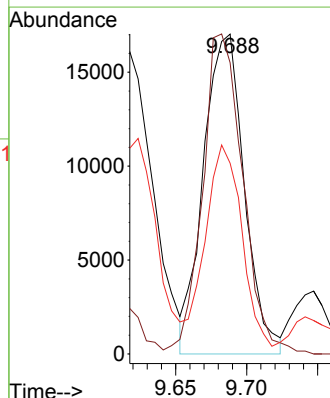
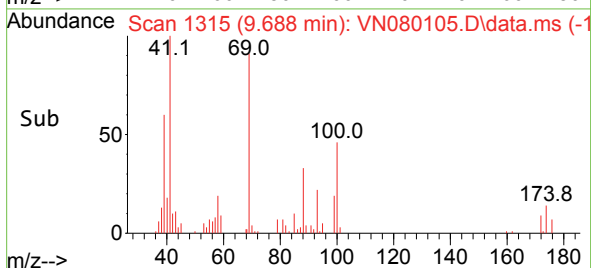
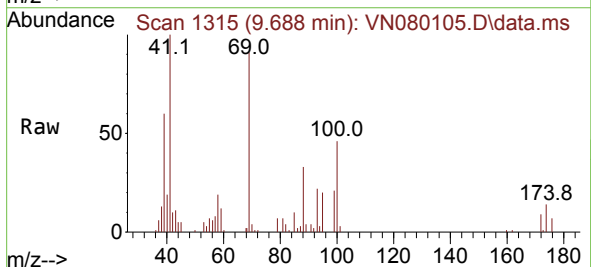


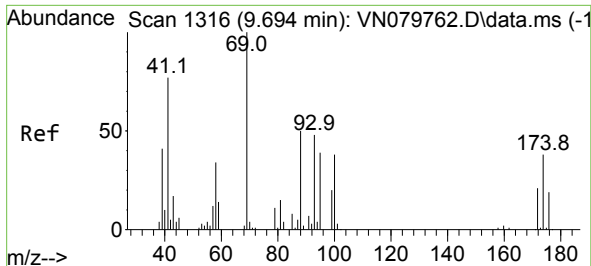
Tgt Ion: 83 Resp: 68688
Ion Ratio Lower Upper
83 100
85 64.5 49.6 74.4
127 7.3 7.0 10.6



#48
Methyl methacrylate
Concen: 14.962 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion: 41 Resp: 34071
Ion Ratio Lower Upper
41 100
69 98.6 90.4 135.6
39 60.3 54.6 81.8





#49

1,4-Dioxane

Concen: 340.862 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

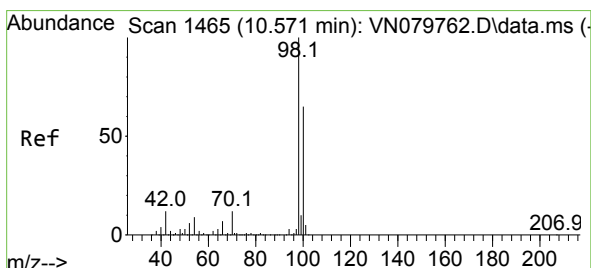
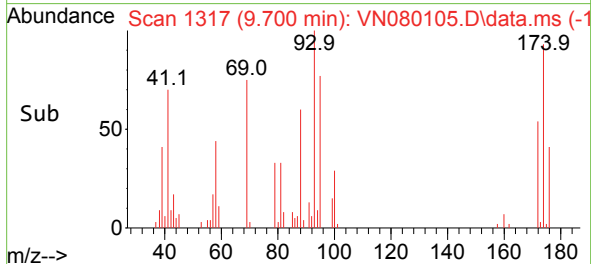
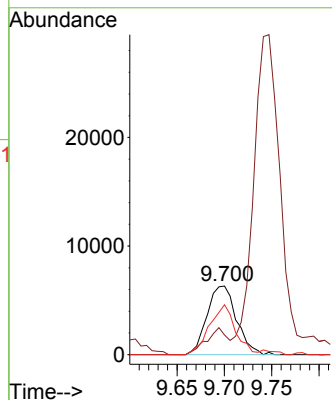
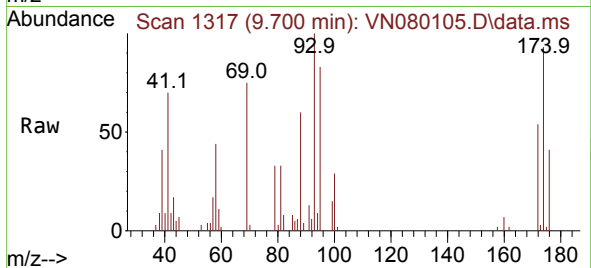
Tgt Ion: 88 Resp: 13715

Ion Ratio Lower Upper

88 100

43 27.9 17.0 25.6#

58 64.2 47.0 70.4



#50

Toluene-d8

Concen: 48.493 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080105.D

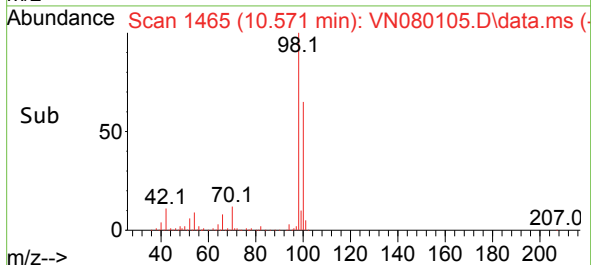
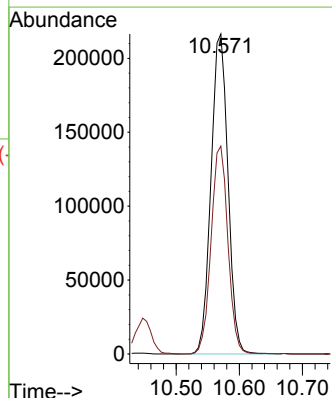
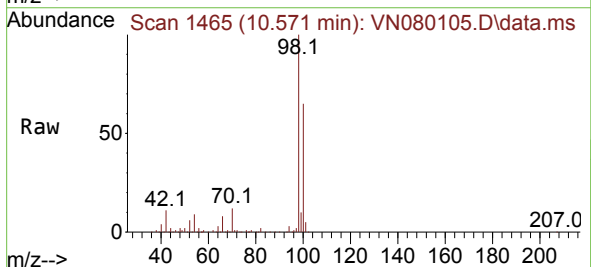
Acq: 15 Nov 2023 12:52

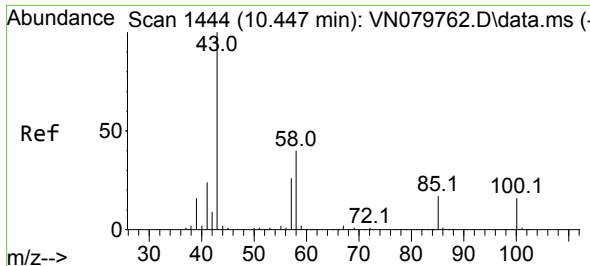
Tgt Ion: 98 Resp: 404138

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 72.342 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

Instrument :

MSVOA_N

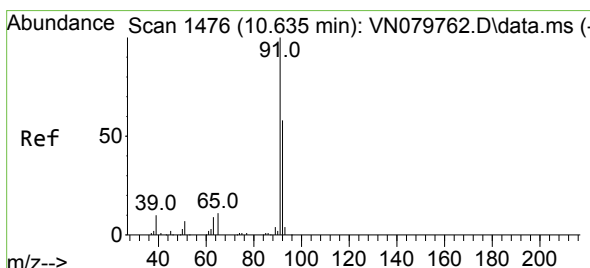
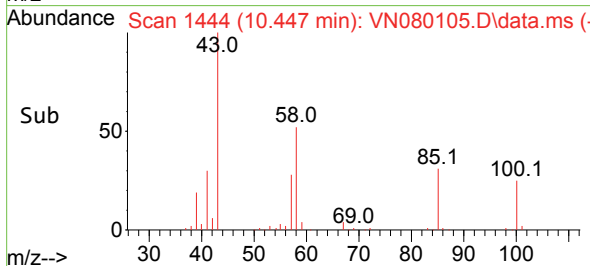
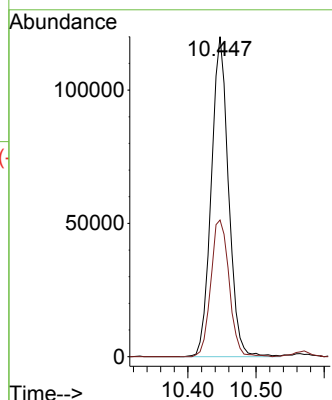
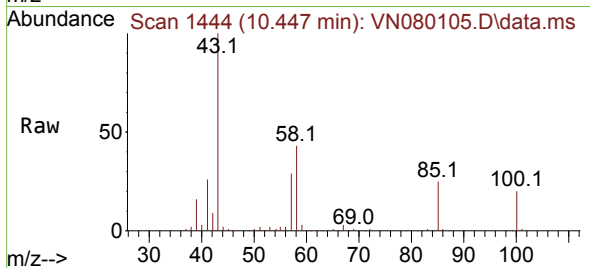
ClientSampleId :

Tgt Ion: 43 Resp: 211734

Ion Ratio Lower Upper

43 100

58 45.2 36.6 54.8



#52

Toluene

Concen: 18.557 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN080105.D

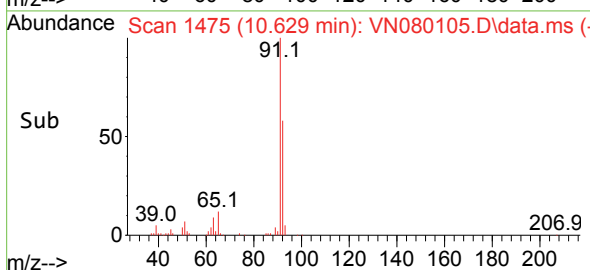
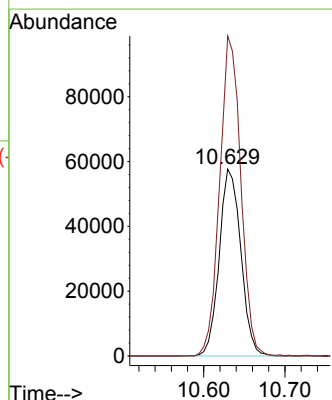
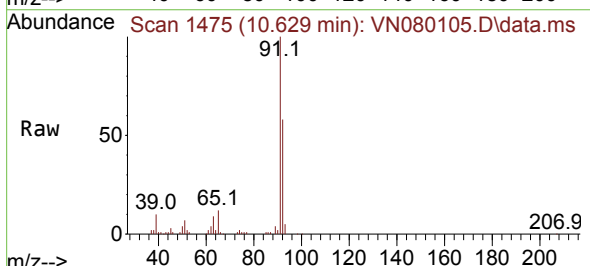
Acq: 15 Nov 2023 12:52

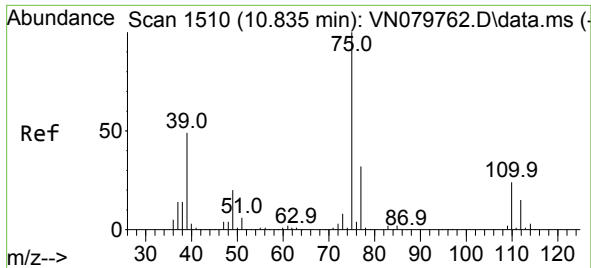
Tgt Ion: 92 Resp: 106509

Ion Ratio Lower Upper

92 100

91 167.9 137.4 206.0

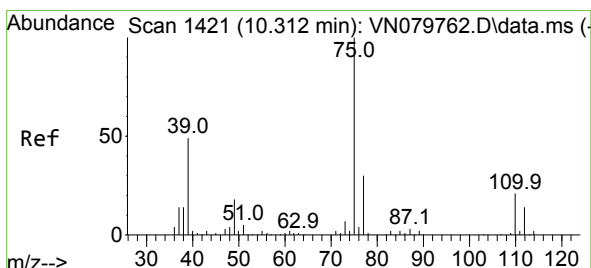
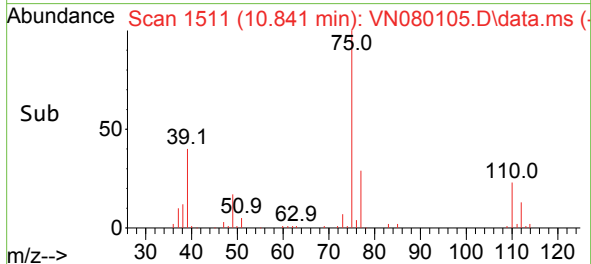
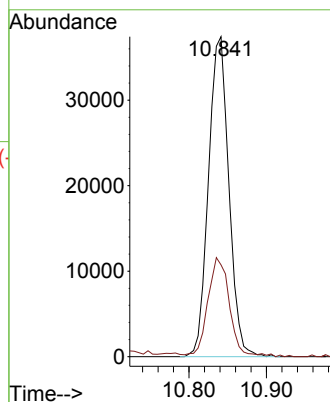
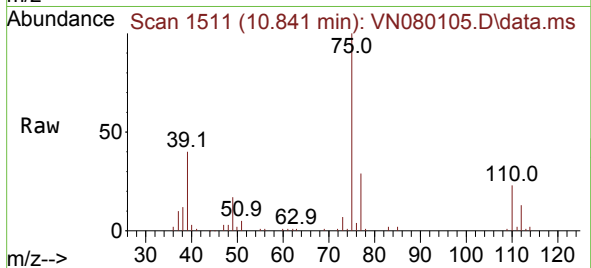




#53
 t-1,3-Dichloropropene
 Concen: 19.370 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN080105.D
 Acq: 15 Nov 2023 12:52

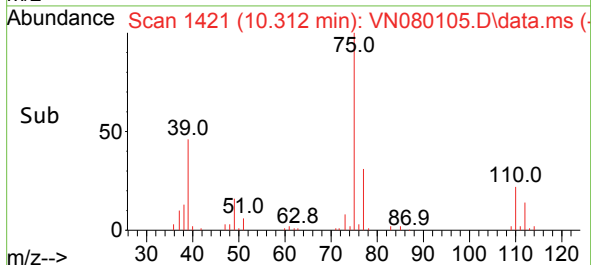
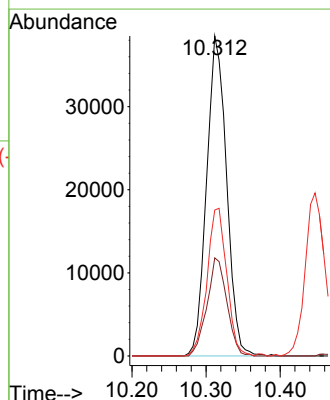
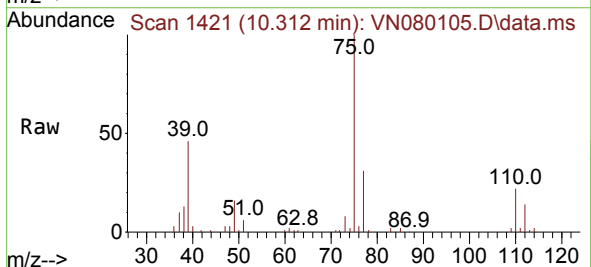
Instrument :
 MSVOA_N
 ClientSampleId :

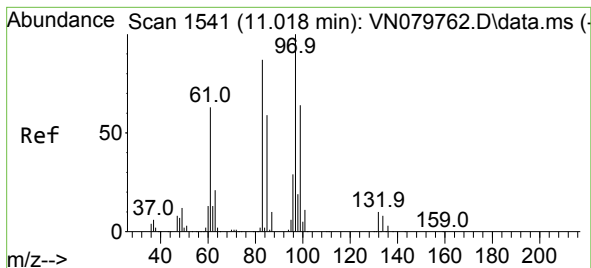
Tgt Ion: 75 Resp: 68413
 Ion Ratio Lower Upper
 75 100
 77 28.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.724 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN080105.D
 Acq: 15 Nov 2023 12:52

Tgt Ion: 75 Resp: 72082
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.1 39.1
 39 45.6 31.6 47.4

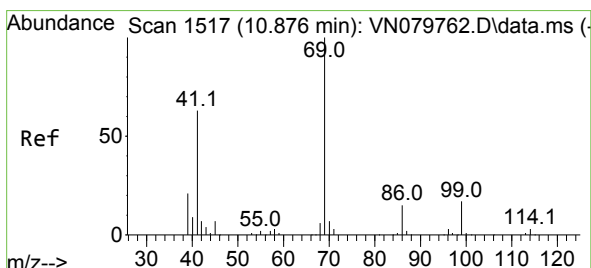
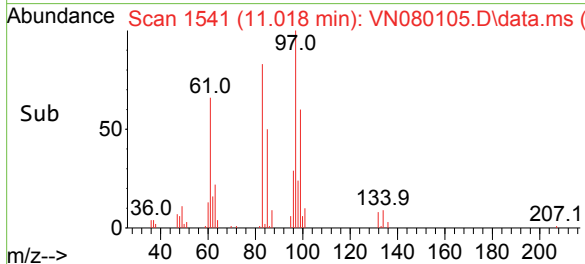
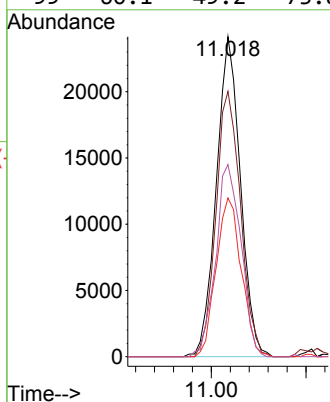
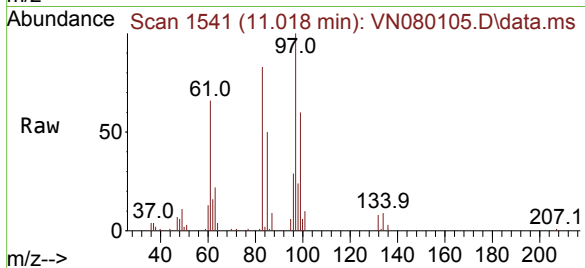




#55
1,1,2-Trichloroethane
Concen: 18.497 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

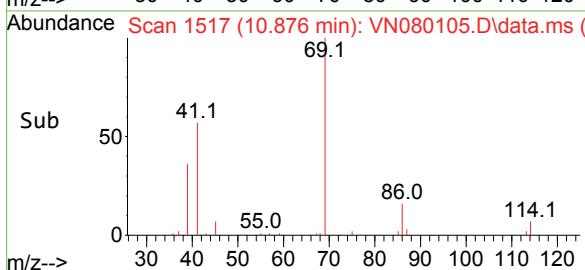
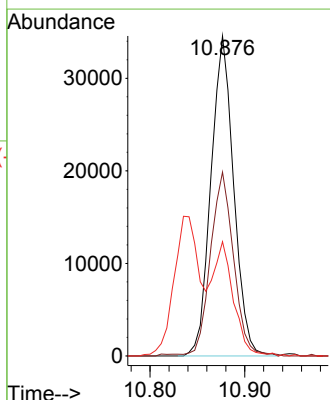
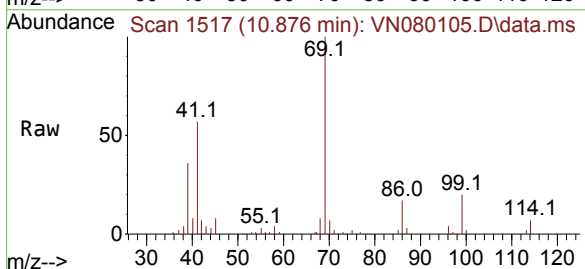
Instrument :
MSVOA_N
ClientSampleId :

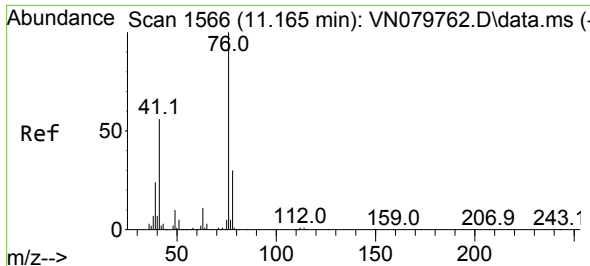
Tgt Ion:	97	Resp:	42700
Ion	Ratio	Lower	Upper
97	100		
83	82.9	65.1	97.7
85	49.6	43.4	65.2
99	60.1	49.2	73.8



#56
Ethyl methacrylate
Concen: 17.531 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion:	69	Resp:	57727
Ion	Ratio	Lower	Upper
69	100		
41	58.6	39.6	59.4
39	33.0	28.6	43.0

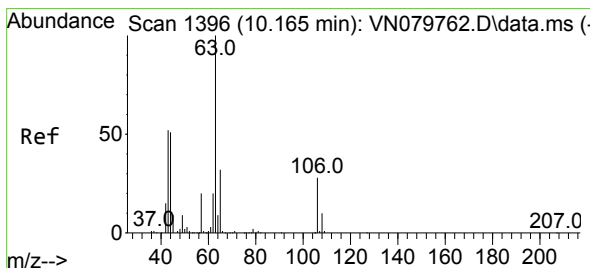
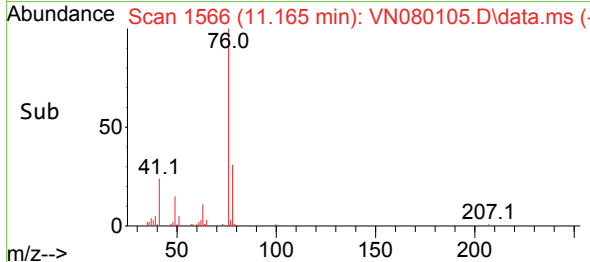
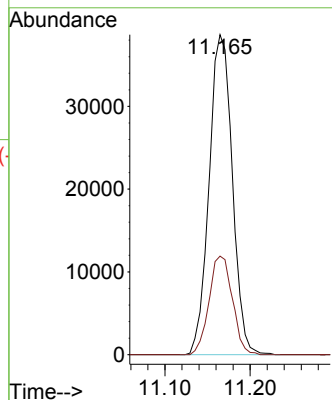
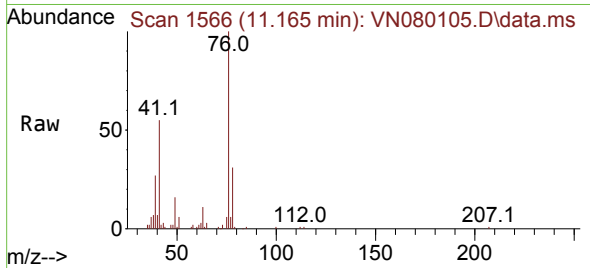




#57
1,3-Dichloropropane
Concen: 17.966 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

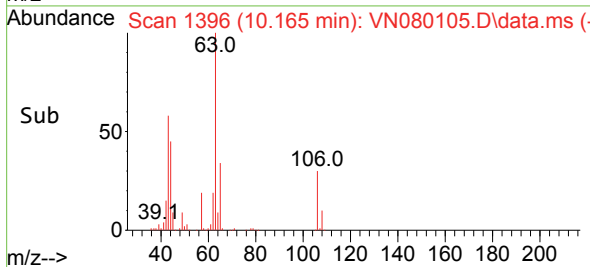
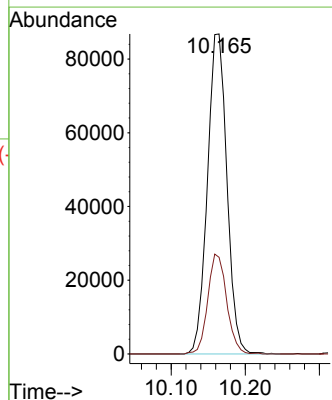
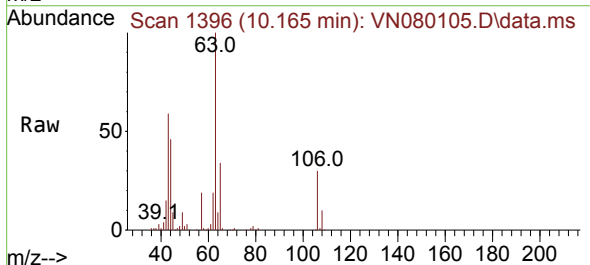
Instrument :
MSVOA_N
ClientSampleId :

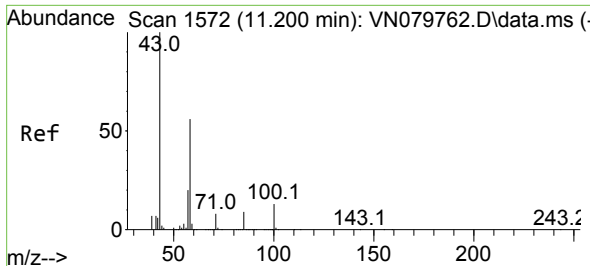
Tgt Ion: 76 Resp: 73106
Ion Ratio Lower Upper
76 100
78 31.0 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 95.034 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion: 63 Resp: 158606
Ion Ratio Lower Upper
63 100
106 30.3 26.2 39.4

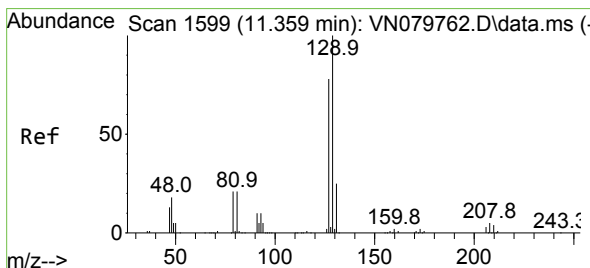
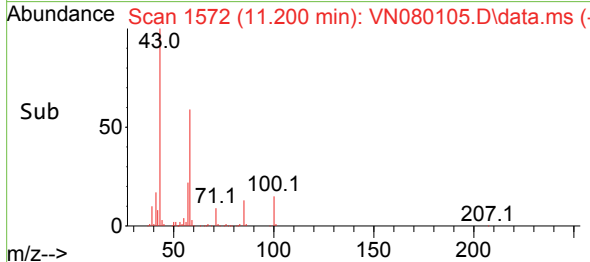
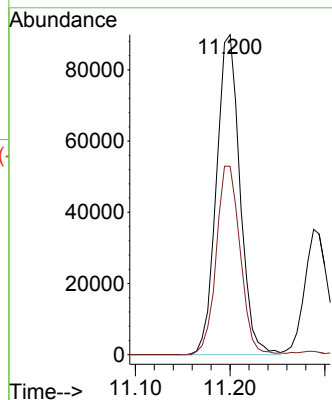
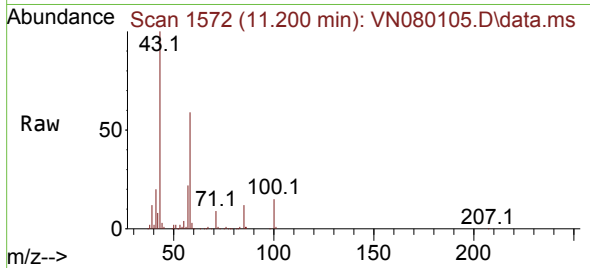




#59
2-Hexanone
Concen: 69.390 ug/l
RT: 11.200 min Scan# 115366
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

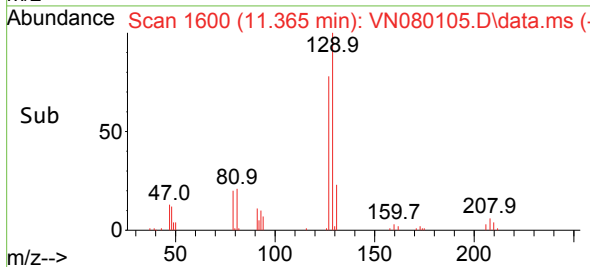
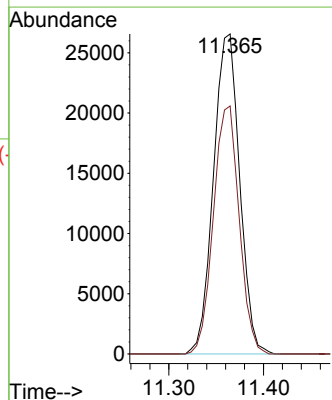
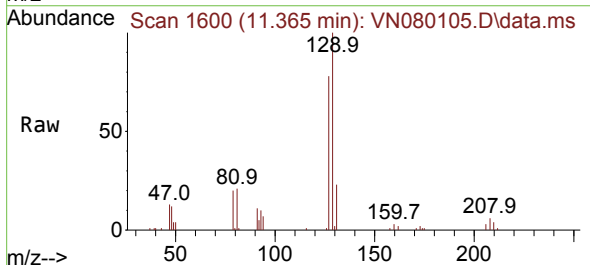
Instrument :
MSVOA_N
ClientSampleId :

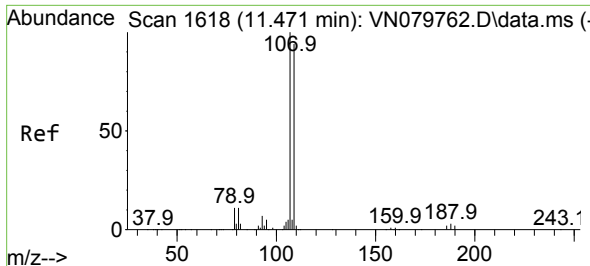
Tgt Ion: 43 Resp: 155366
Ion Ratio Lower Upper
43 100
58 59.9 31.7 95.1



#60
Dibromochloromethane
Concen: 20.689 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion:129 Resp: 51123
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0

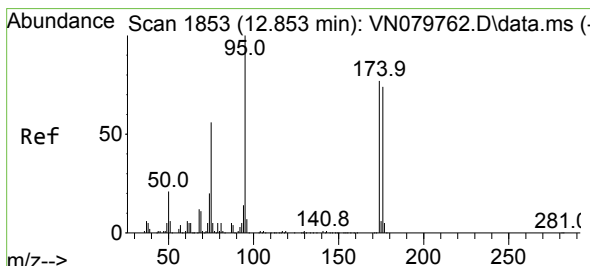
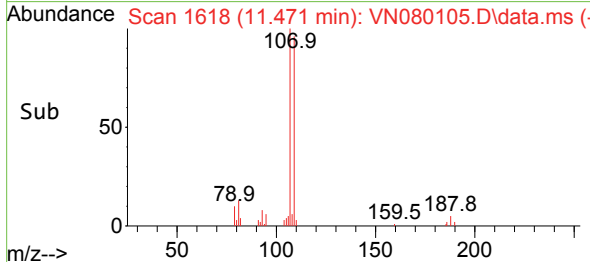
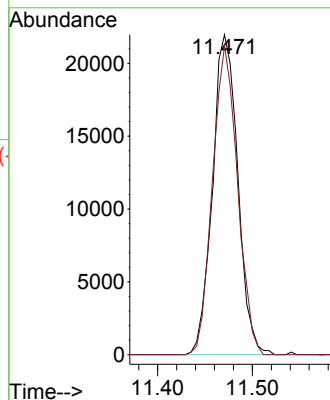
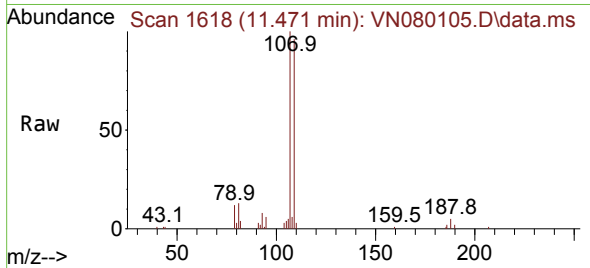




#61
1,2-Dibromoethane
Concen: 17.542 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

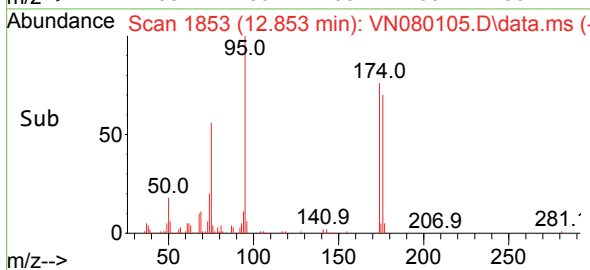
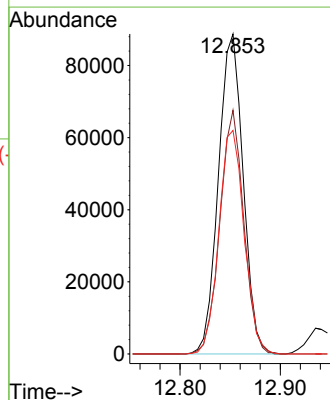
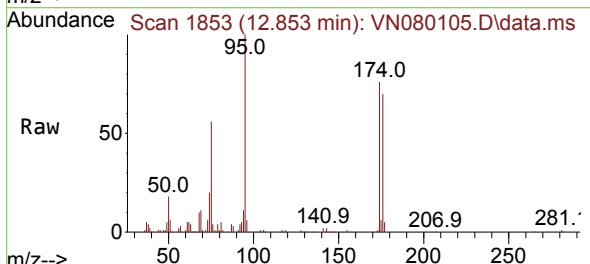
Instrument :
MSVOA_N
ClientSampleId :

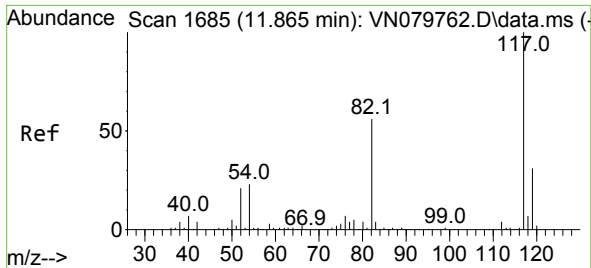
Tgt Ion:107 Resp: 40646
Ion Ratio Lower Upper
107 100
109 95.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 54.832 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion: 95 Resp: 151552
Ion Ratio Lower Upper
95 100
174 73.3 0.0 143.8
176 71.8 0.0 135.8

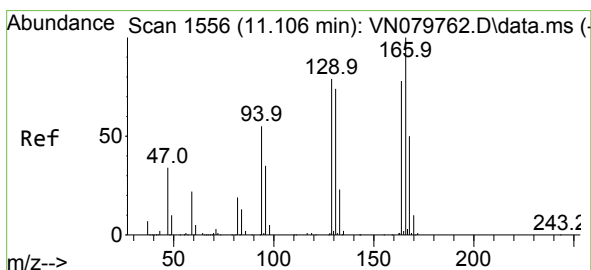
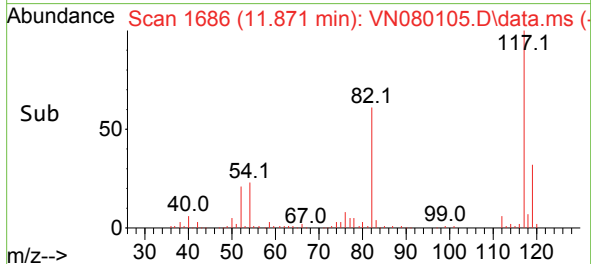
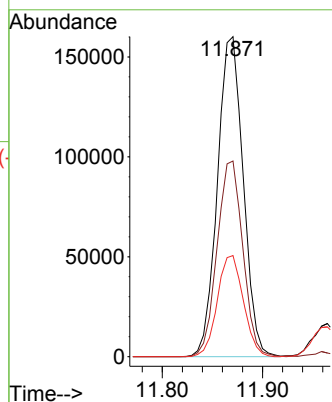
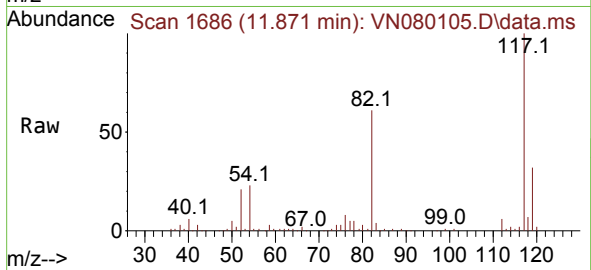




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

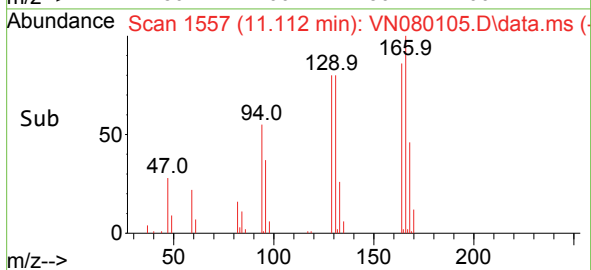
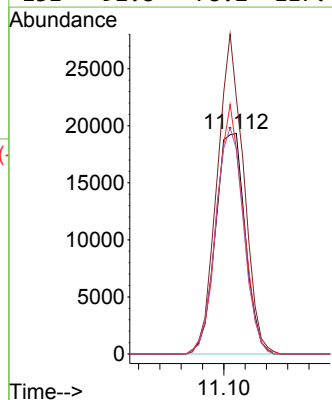
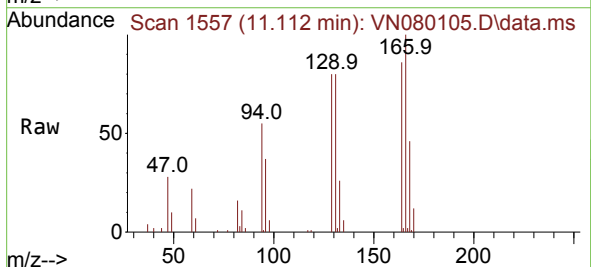
Instrument :
MSVOA_N
ClientSampleId :

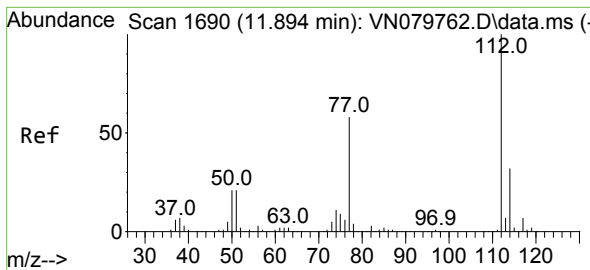
Tgt Ion:117 Resp: 286330
Ion Ratio Lower Upper
117 100
82 61.2 44.0 66.0
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 20.145 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion:164 Resp: 37358
Ion Ratio Lower Upper
164 100
166 116.0 101.4 152.0
129 92.8 82.4 123.6
131 92.8 78.2 117.4

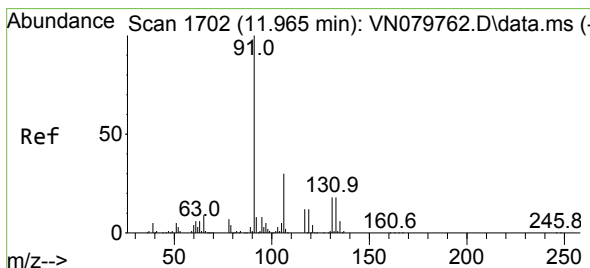
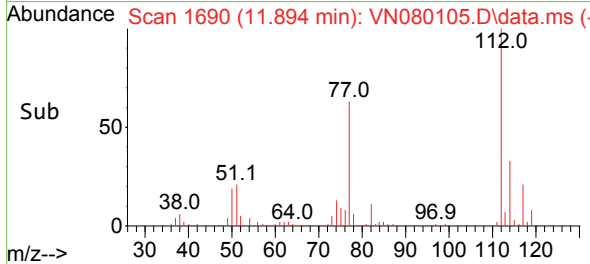
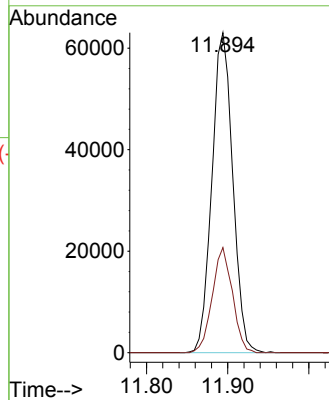
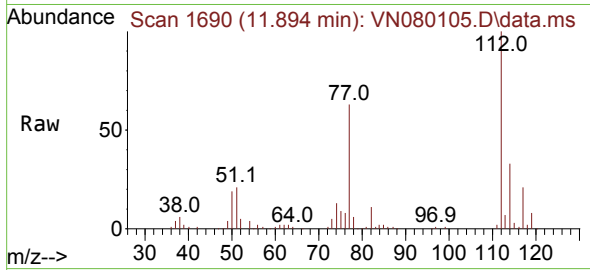




#65
Chlorobenzene
Concen: 18.094 ug/l
RT: 11.894 min Scan# 112383
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

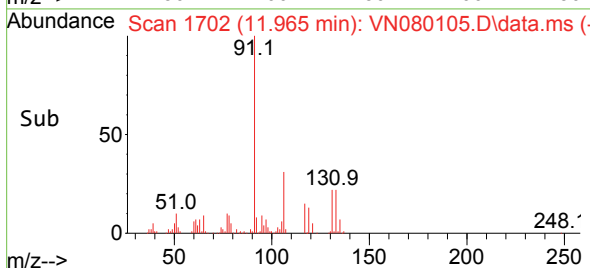
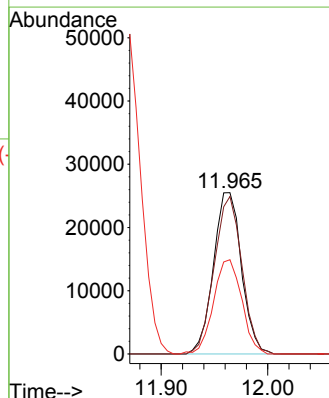
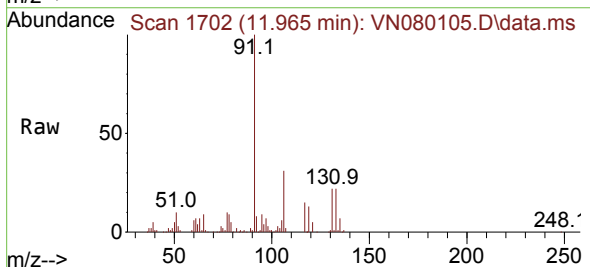
Instrument :
MSVOA_N
ClientSampleId :

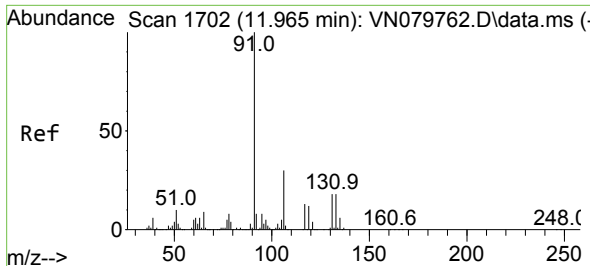
Tgt Ion:112 Resp: 112383
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.858 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion:131 Resp: 46675
Ion Ratio Lower Upper
131 100
133 96.5 46.4 139.1
119 58.7 34.1 102.2

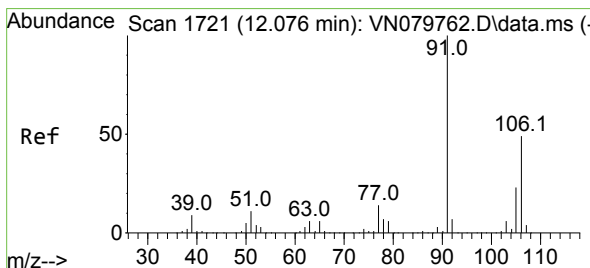
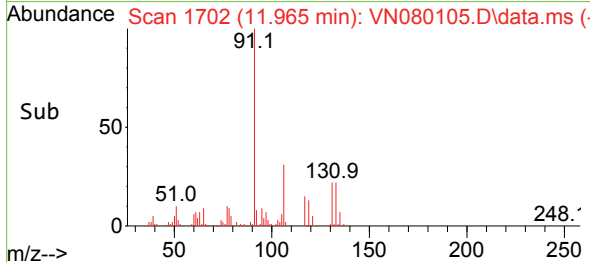
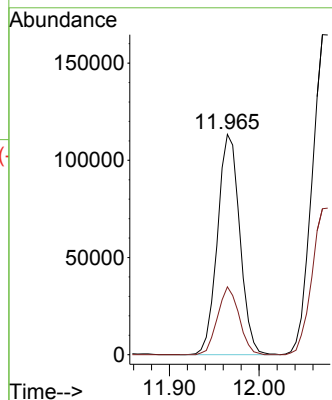
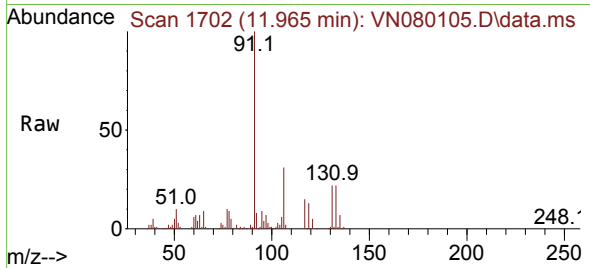




#67
Ethyl Benzene
Concen: 18.073 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

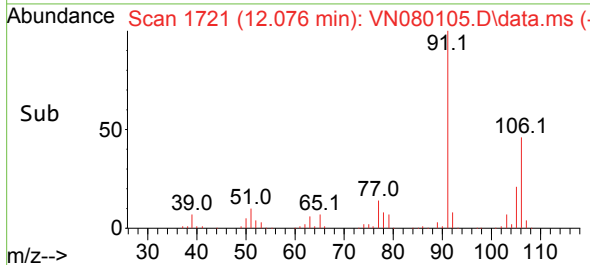
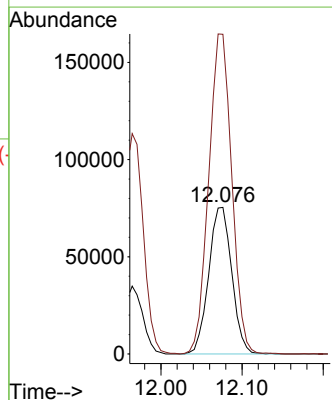
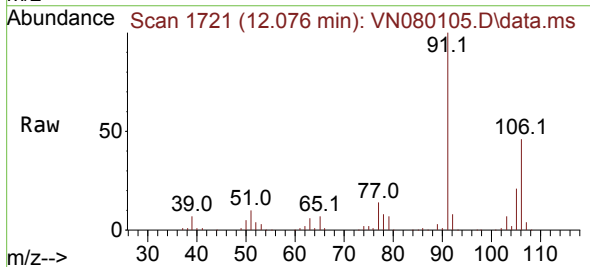
Instrument :
MSVOA_N
ClientSampleId :

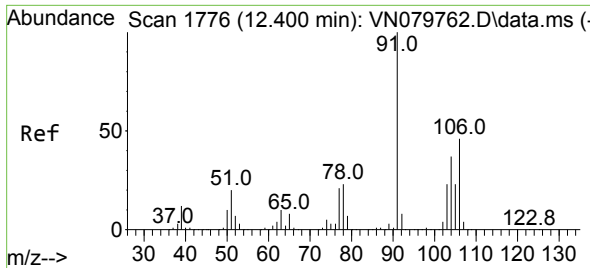
Tgt Ion: 91 Resp: 195576
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4



#68
m/p-Xylenes
Concen: 36.938 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion:106 Resp: 148901
Ion Ratio Lower Upper
106 100
91 218.0 159.6 239.4

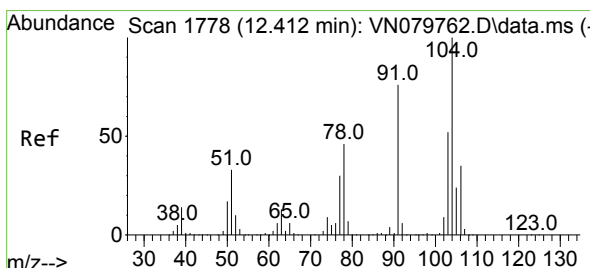
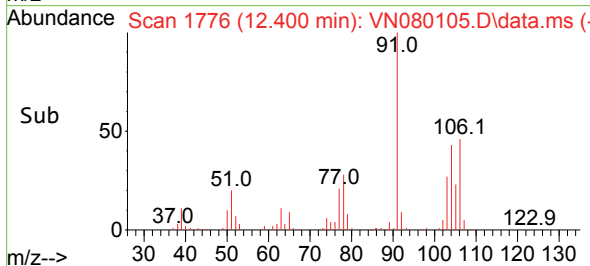
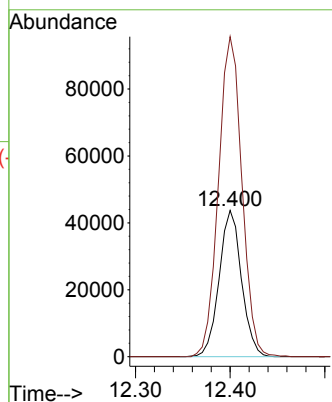
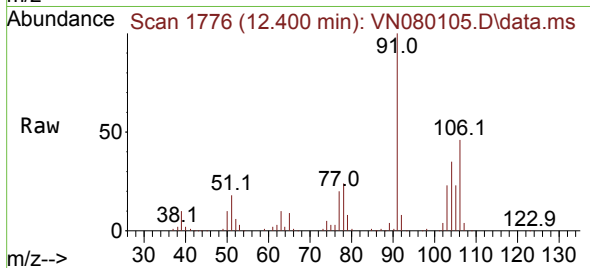




#69
o-Xylene
Concen: 18.503 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

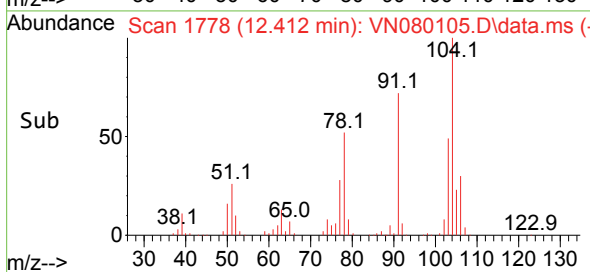
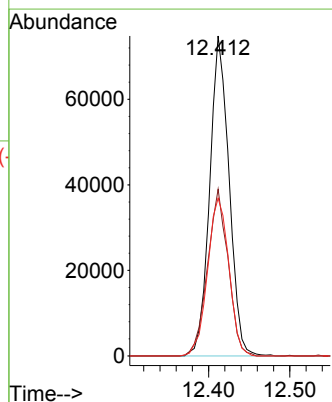
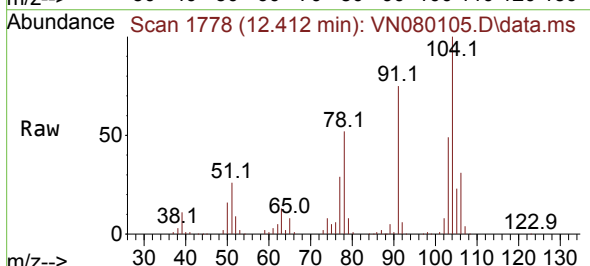
Instrument :
MSVOA_N
ClientSampleId :

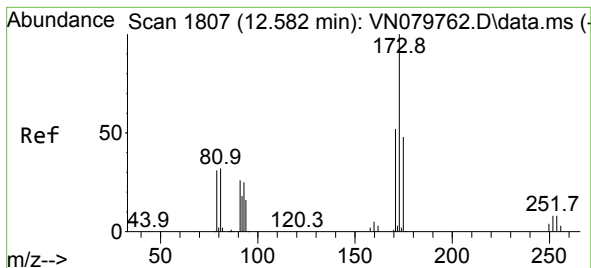
Tgt Ion:106 Resp: 71824
Ion Ratio Lower Upper
106 100
91 229.5 105.2 315.5



#70
Styrene
Concen: 19.875 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion:104 Resp: 123986
Ion Ratio Lower Upper
104 100
78 55.3 39.5 59.3
103 54.3 43.2 64.8





#71

Bromoform

Concen: 20.812 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

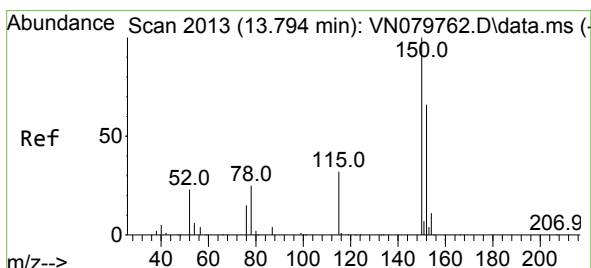
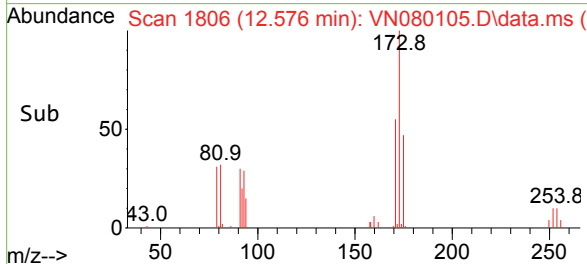
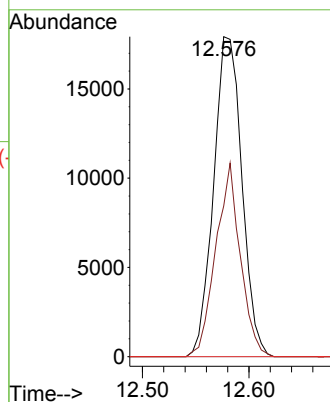
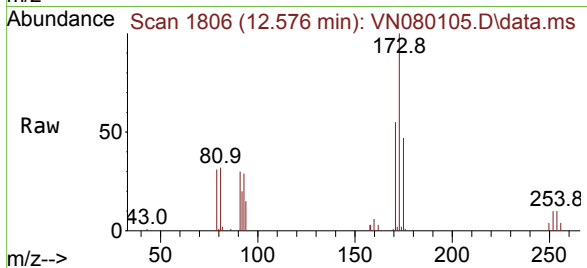
Tgt Ion:173 Resp: 33070

Ion Ratio Lower Upper

173 100

175 52.5 24.3 73.0

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: VN080105.D

Acq: 15 Nov 2023 12:52

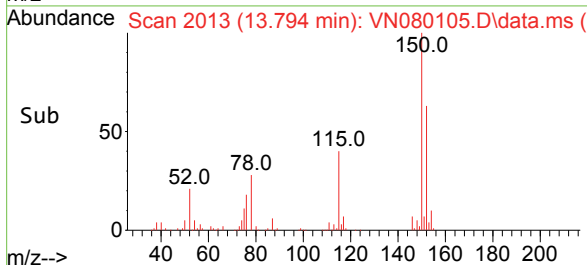
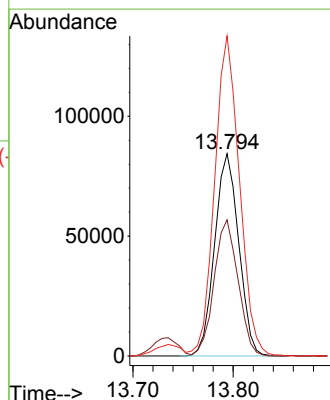
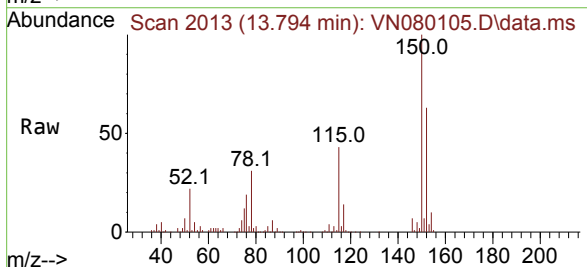
Tgt Ion:152 Resp: 140850

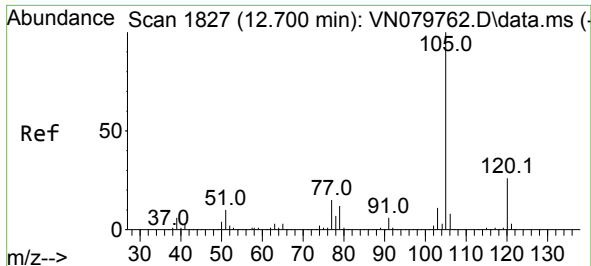
Ion Ratio Lower Upper

152 100

115 66.9 32.3 96.8

150 162.8 0.0 355.8

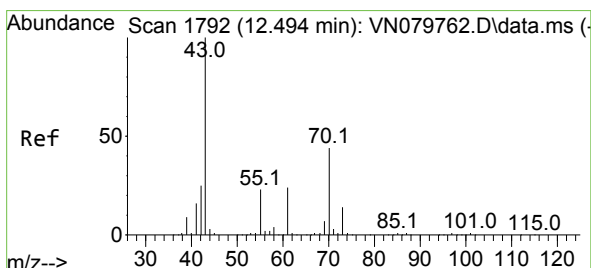
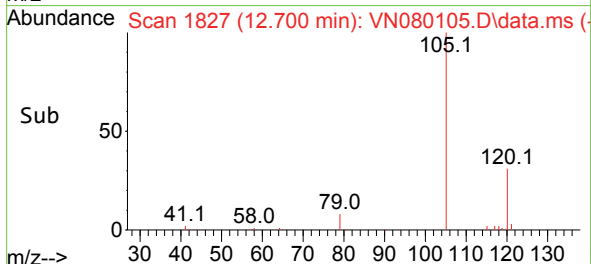
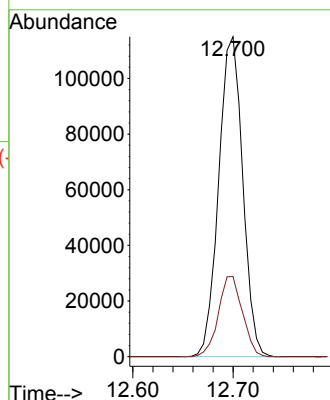
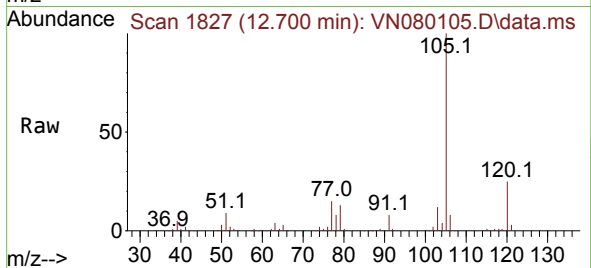




#73
Isopropylbenzene
Concen: 17.859 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

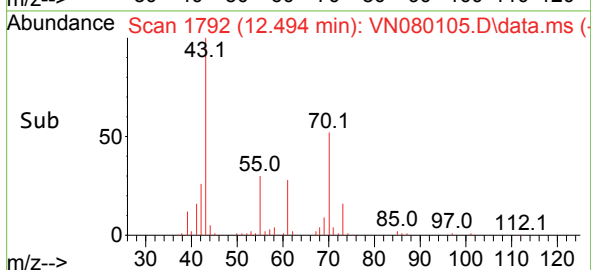
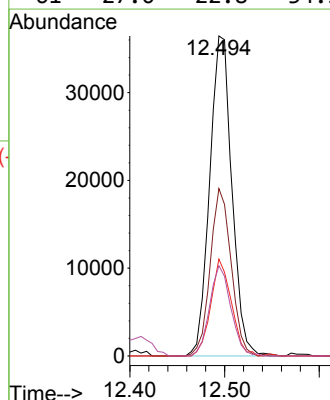
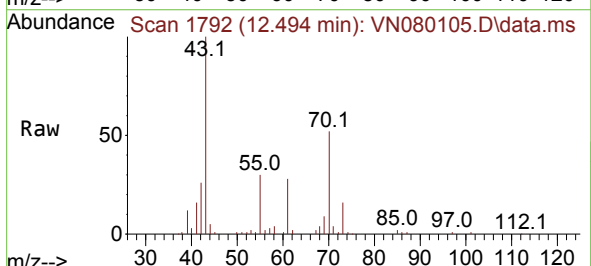
Instrument :
MSVOA_N
ClientSampleId :

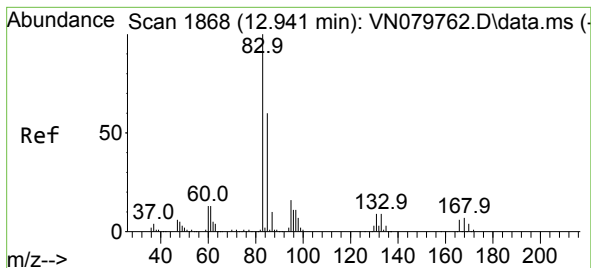
Tgt Ion:105 Resp: 190909
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.1



#74
N-ethyl acetate
Concen: 12.730 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion: 43 Resp: 59398
Ion Ratio Lower Upper
43 100
70 49.4 43.4 65.2
55 28.1 21.4 32.0
61 27.0 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 15.185 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

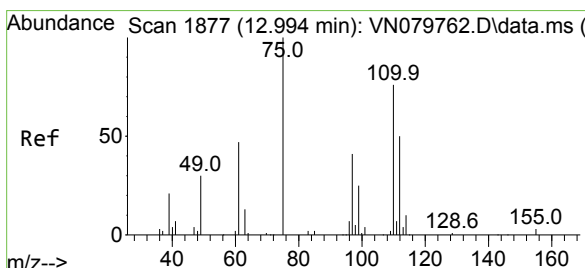
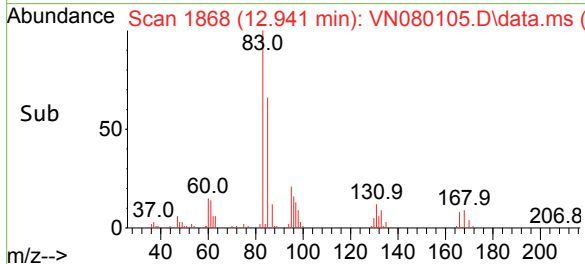
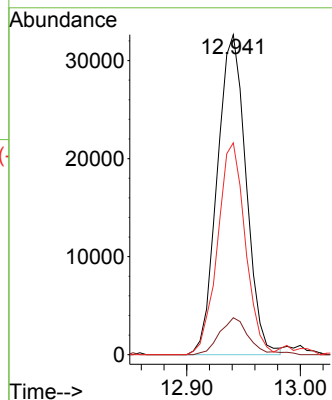
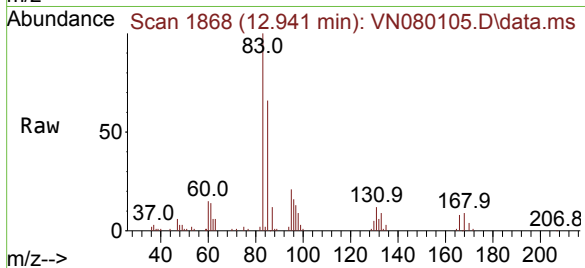
Tgt Ion: 83 Resp: 57554

Ion Ratio Lower Upper

83 100

131 11.9 5.0 15.0

85 63.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 22.710 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080105.D

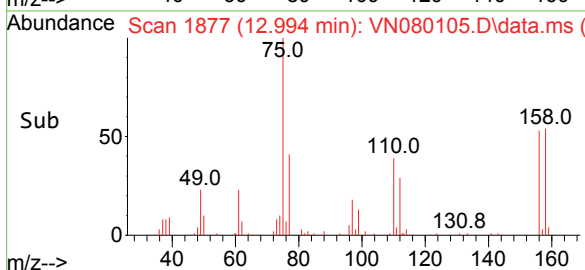
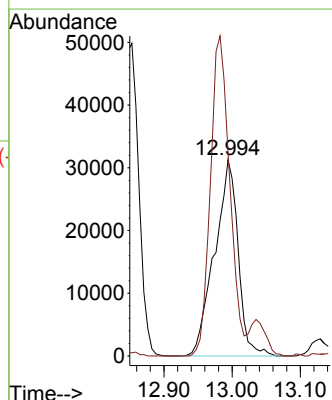
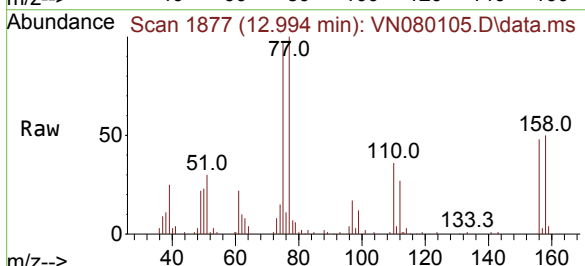
Acq: 15 Nov 2023 12:52

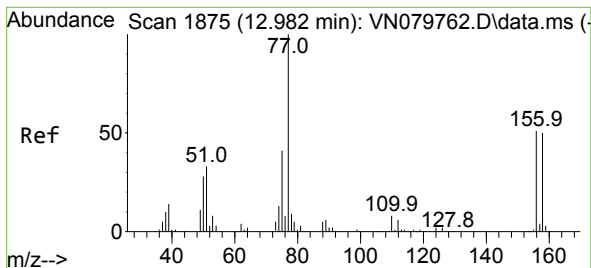
Tgt Ion: 75 Resp: 75095

Ion Ratio Lower Upper

75 100

77 133.7 84.5 253.5





#77

Bromobenzene

Concen: 17.957 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080105.D

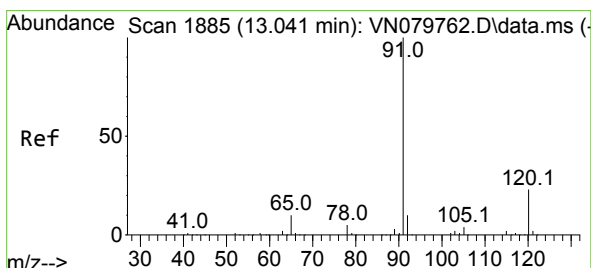
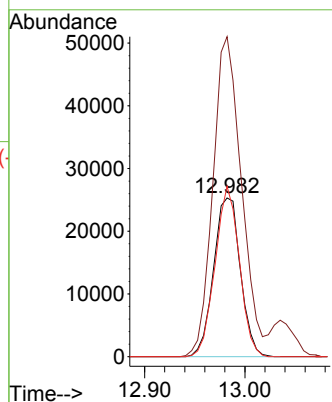
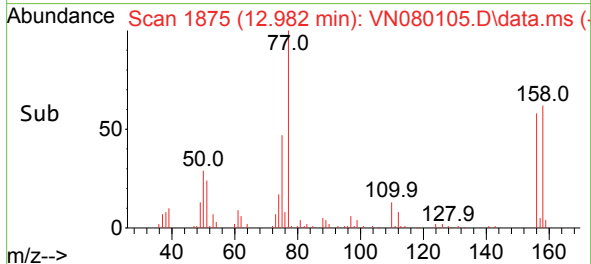
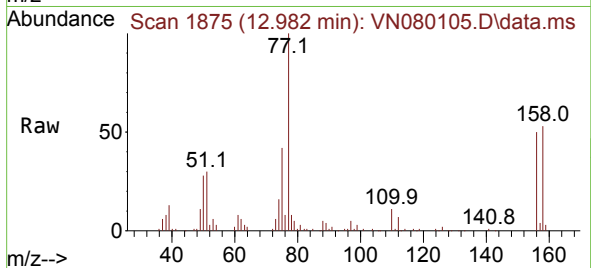
Acq: 15 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	46995
Ion Ratio	Lower	Upper	
156	100		
77	213.6	107.7	323.3
158	97.1	48.4	145.3



#78

n-propylbenzene

Concen: 17.840 ug/l

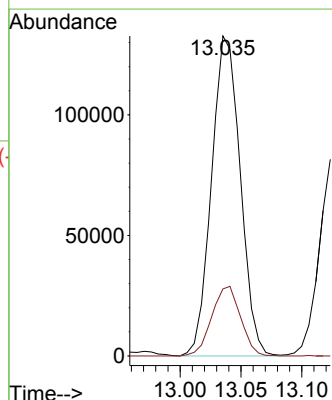
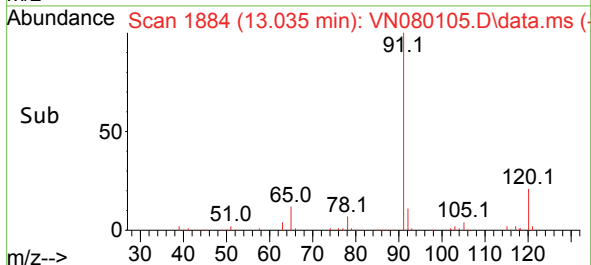
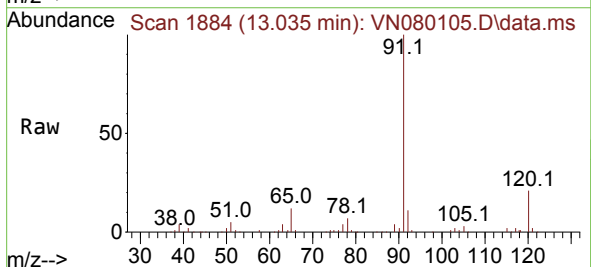
RT: 13.035 min Scan# 1884

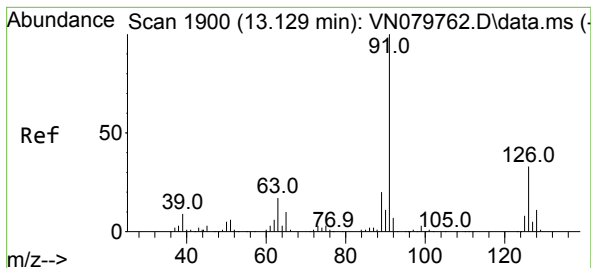
Delta R.T. -0.006 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

Tgt Ion:	91	Resp:	218379
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.5	34.4





#79

2-Chlorotoluene

Concen: 18.439 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

Instrument :

MSVOA_N

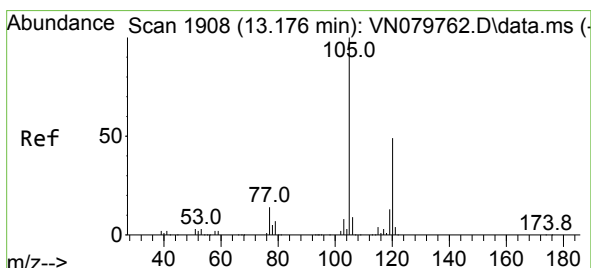
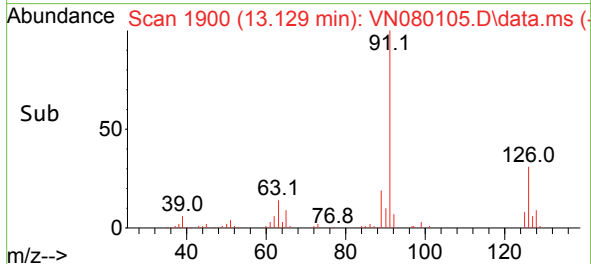
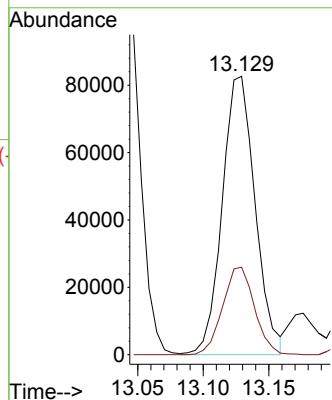
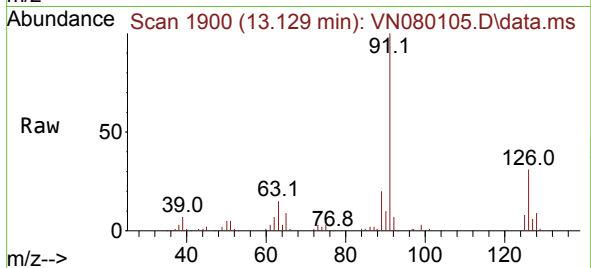
ClientSampleId :

Tgt Ion: 91 Resp: 144198

Ion Ratio Lower Upper

91 100

126 30.4 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 19.917 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080105.D

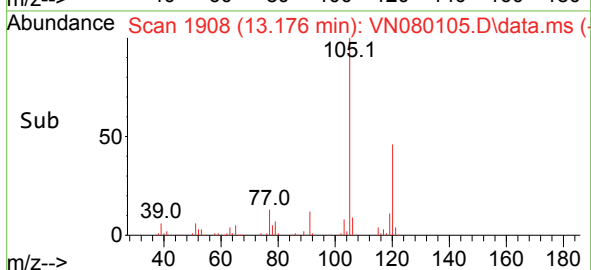
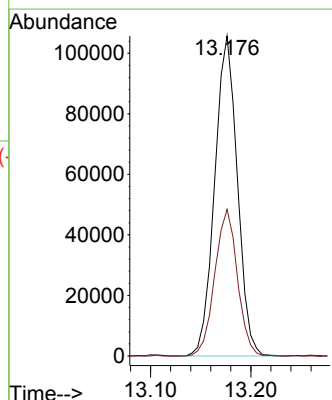
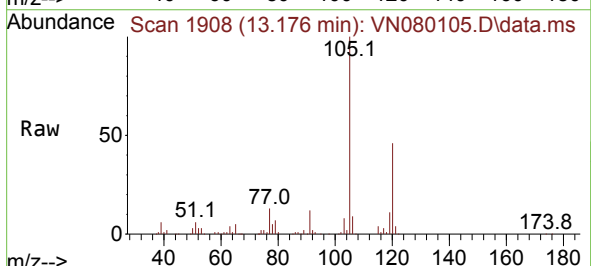
Acq: 15 Nov 2023 12:52

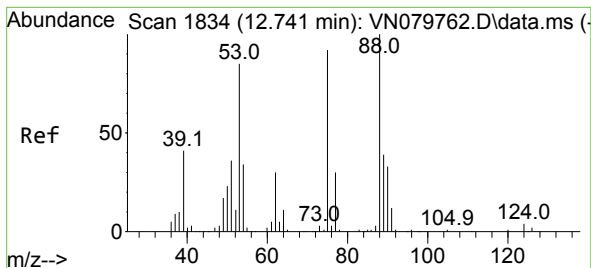
Tgt Ion:105 Resp: 165651

Ion Ratio Lower Upper

105 100

120 45.9 24.1 72.3

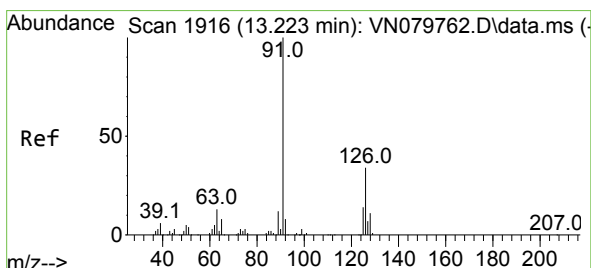
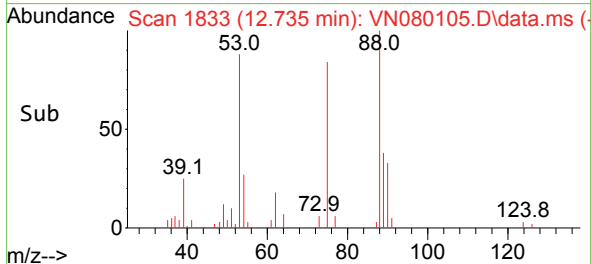
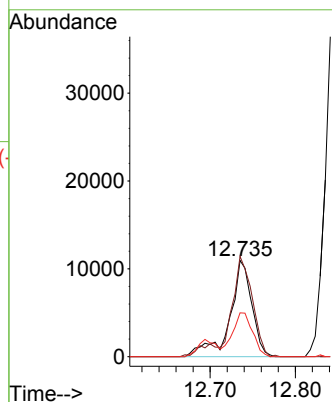
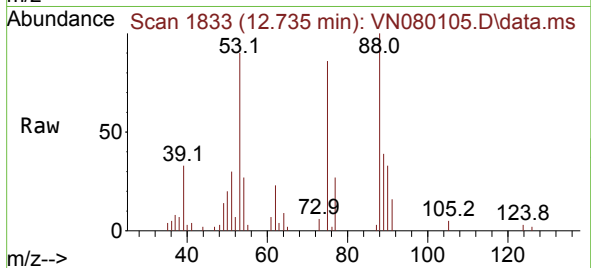




#81
 trans-1,4-Dichloro-2-butene
 Concen: 16.211 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: VN080105.D
 Acq: 15 Nov 2023 12:52

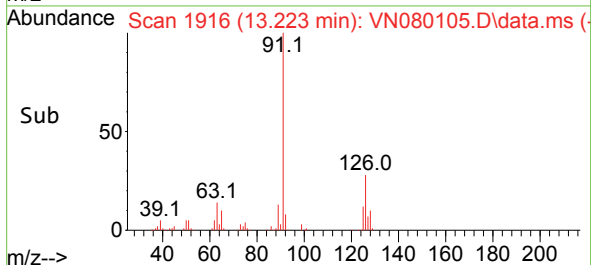
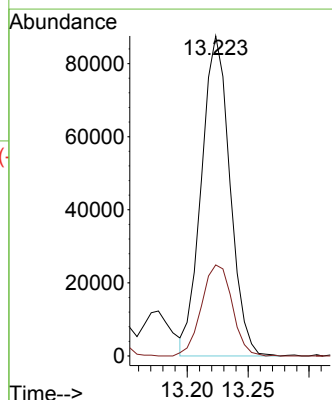
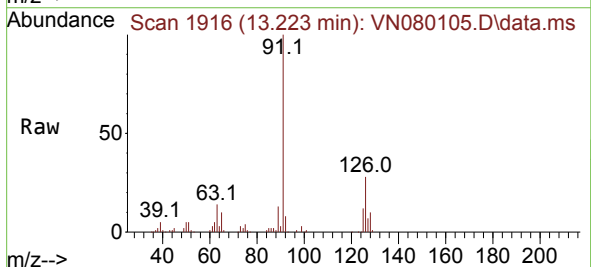
Instrument :
 MSVOA_N
 ClientSampleId :

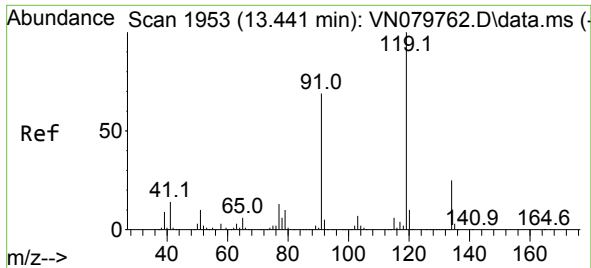
Tgt Ion: 75 Resp: 19702
 Ion Ratio Lower Upper
 75 100
 53 92.0 67.4 101.2
 89 41.9 38.8 58.2



#82
 4-Chlorotoluene
 Concen: 18.364 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN080105.D
 Acq: 15 Nov 2023 12:52

Tgt Ion: 91 Resp: 142707
 Ion Ratio Lower Upper
 91 100
 126 30.5 16.7 50.0

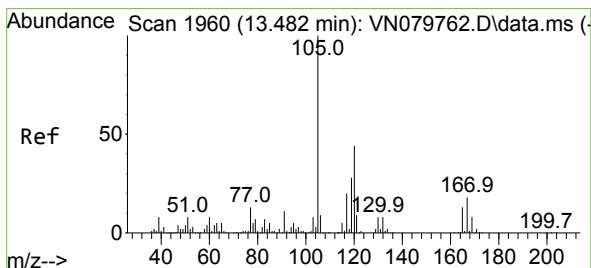
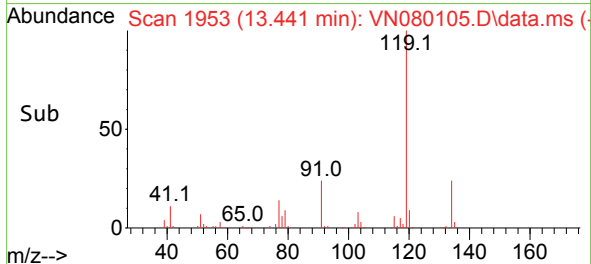
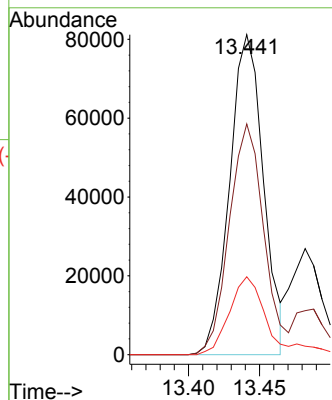
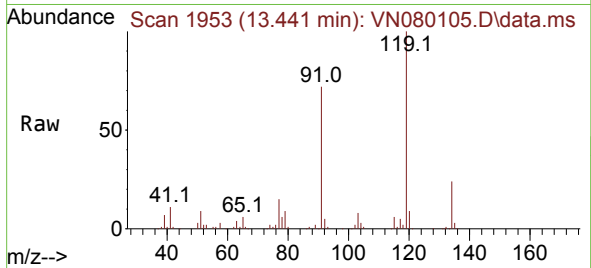




#83
 tert-Butylbenzene
 Concen: 19.761 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN080105.D
 Acq: 15 Nov 2023 12:52

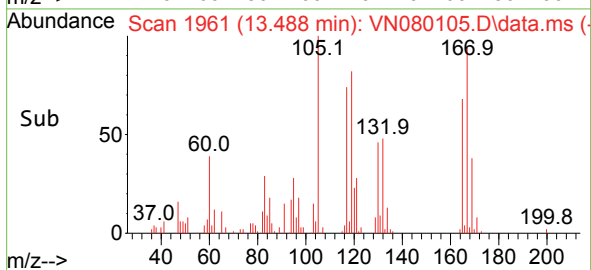
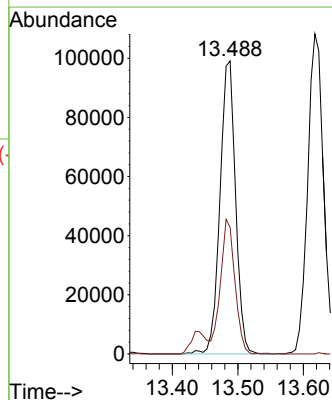
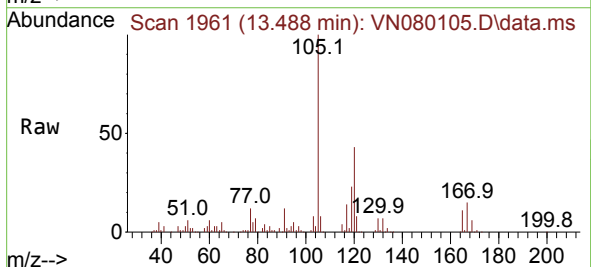
Instrument :
 MSVOA_N
 ClientSampleId :

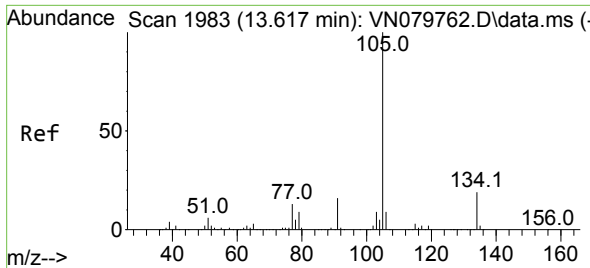
Tgt Ion:119 Resp: 134530
 Ion Ratio Lower Upper
 119 100
 91 73.9 33.9 101.7
 134 27.2 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.915 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN080105.D
 Acq: 15 Nov 2023 12:52

Tgt Ion:105 Resp: 162956
 Ion Ratio Lower Upper
 105 100
 120 42.5 22.0 66.0

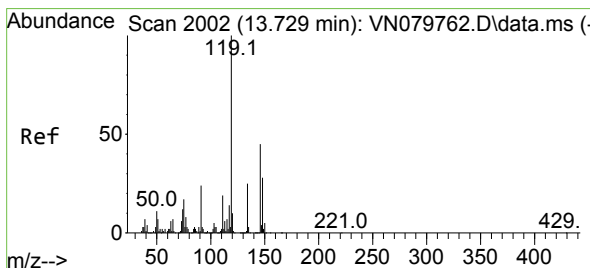
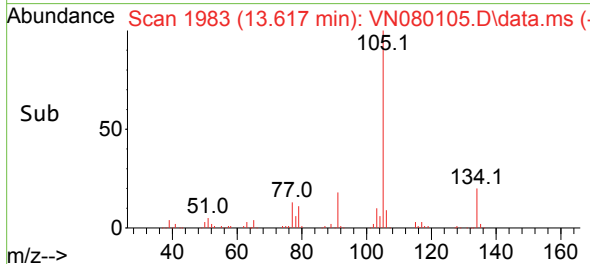
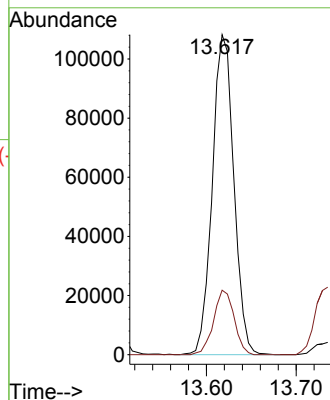
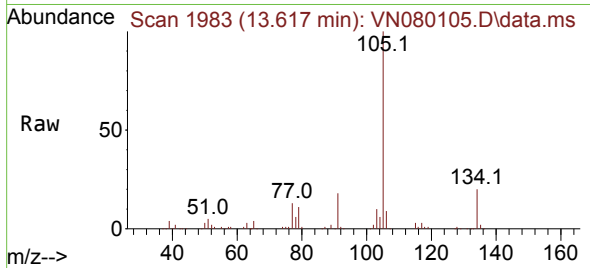




#85
 sec-Butylbenzene
 Concen: 19.091 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080105.D
 Acq: 15 Nov 2023 12:52

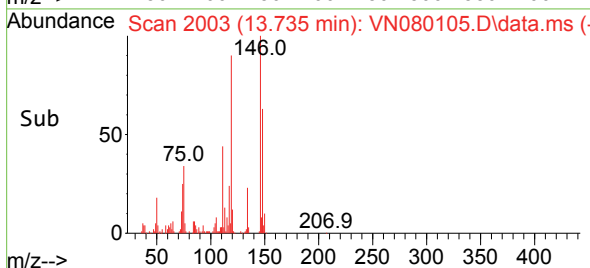
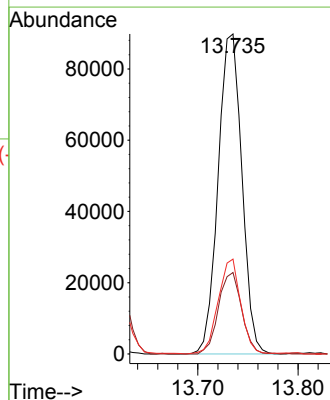
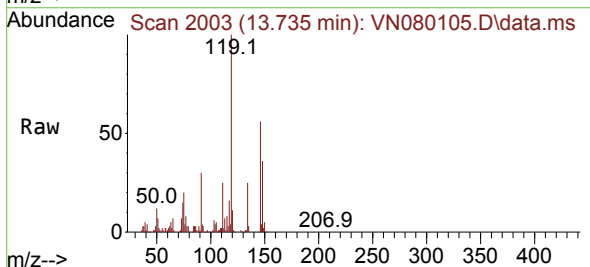
Instrument :
 MSVOA_N
 ClientSampleId :

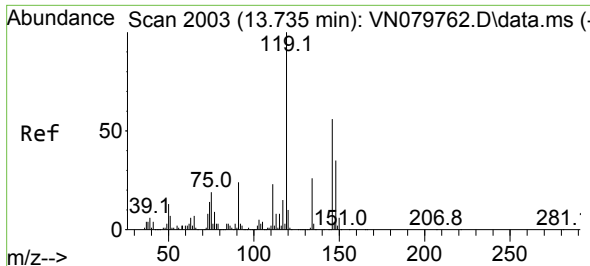
Tgt Ion:105 Resp: 180068
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.210 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080105.D
 Acq: 15 Nov 2023 12:52

Tgt Ion:119 Resp: 147724
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 28.2 12.4 37.2

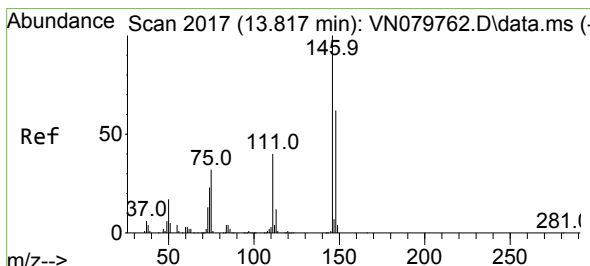
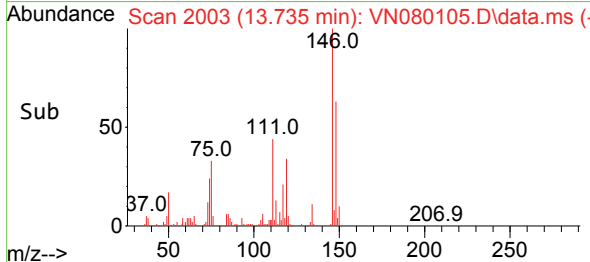
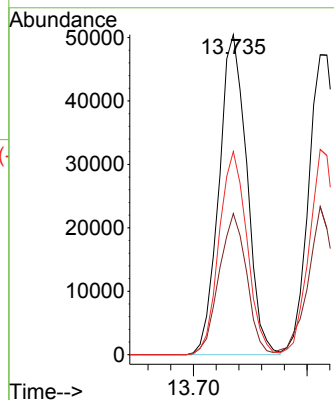
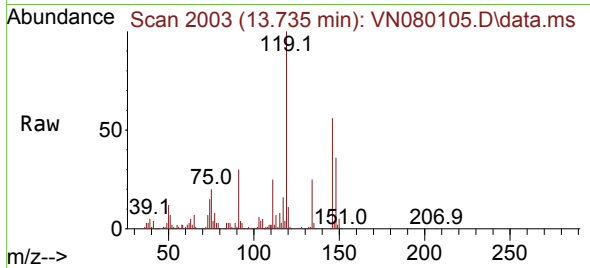




#87
 1,3-Dichlorobenzene
 Concen: 17.621 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080105.D
 Acq: 15 Nov 2023 12:52

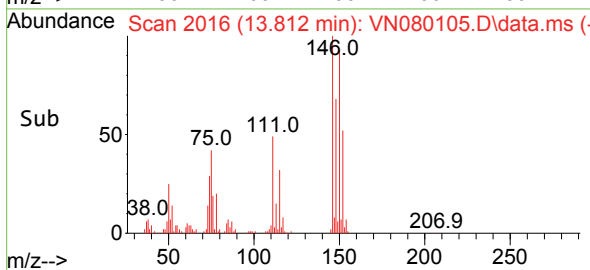
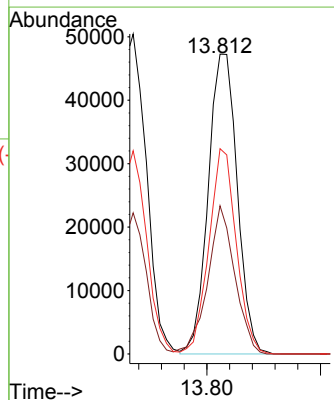
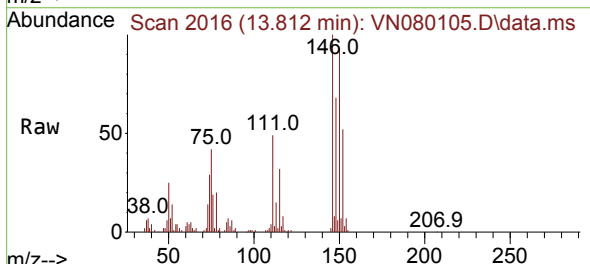
Instrument :
 MSVOA_N
 ClientSampleId :

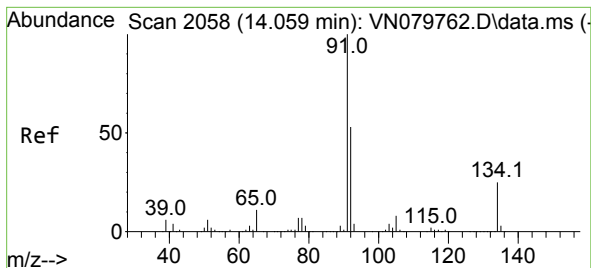
Tgt Ion:146 Resp: 85788
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.1 66.3
 148 63.7 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 16.993 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: VN080105.D
 Acq: 15 Nov 2023 12:52

Tgt Ion:146 Resp: 83973
 Ion Ratio Lower Upper
 146 100
 111 46.1 20.6 61.8
 148 64.7 31.6 94.8





#89

n-Butylbenzene

Concen: 17.736 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

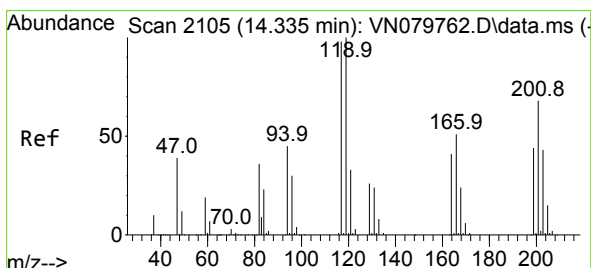
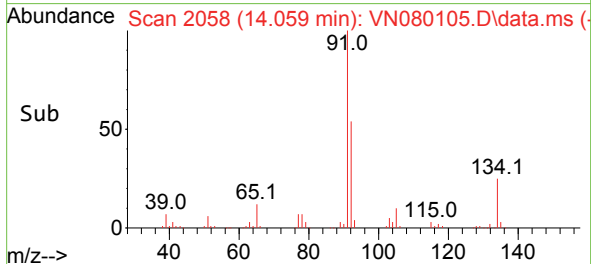
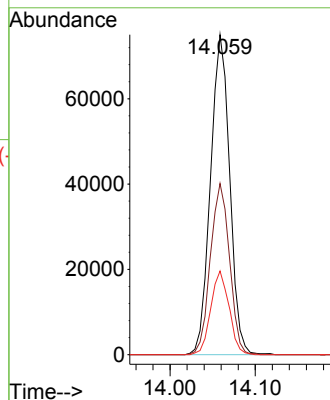
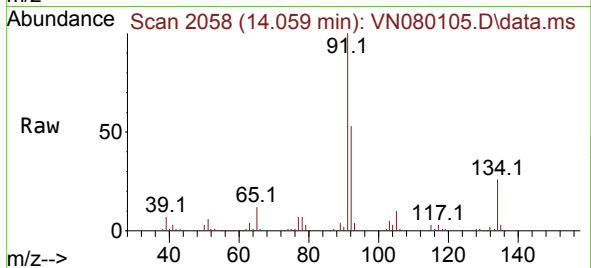
Tgt Ion: 91 Resp: 117473

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.0

134 24.9 12.6 37.6



#90

Hexachloroethane

Concen: 19.263 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080105.D

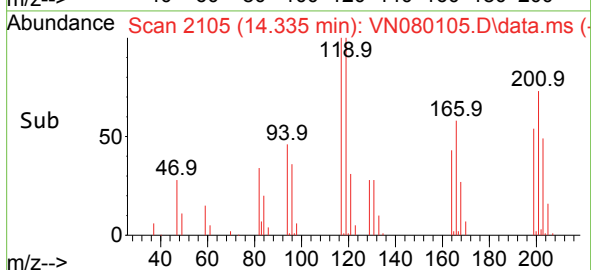
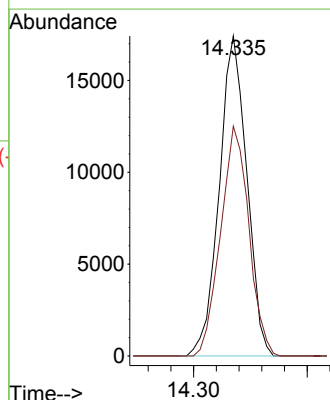
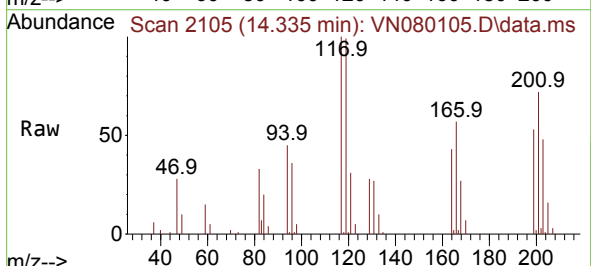
Acq: 15 Nov 2023 12:52

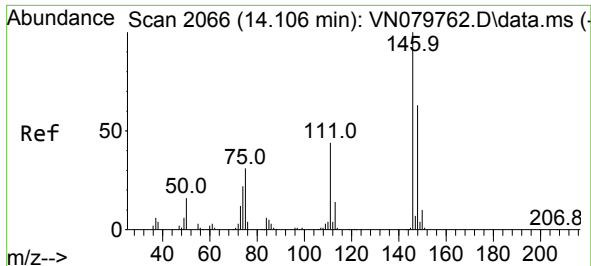
Tgt Ion: 117 Resp: 29337

Ion Ratio Lower Upper

117 100

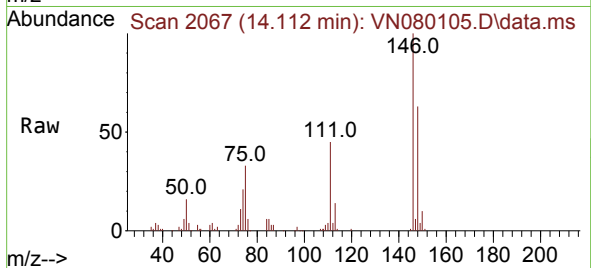
201 73.7 29.3 88.0



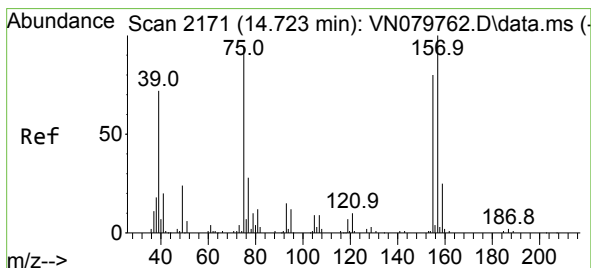
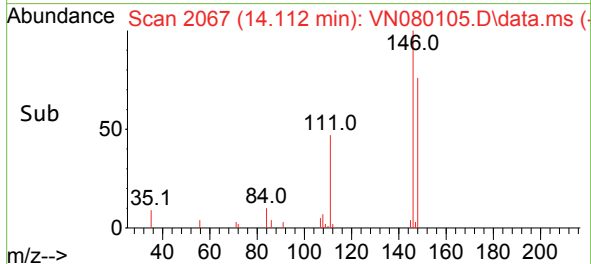
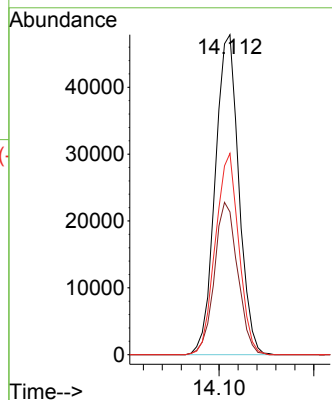


#91
1,2-Dichlorobenzene
Concen: 18.026 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :

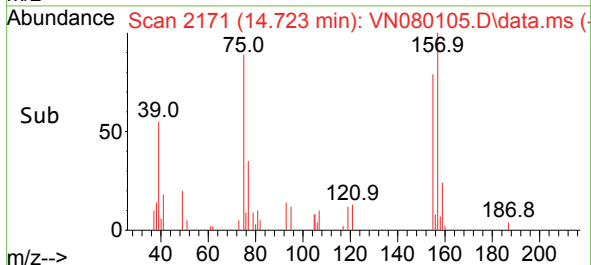
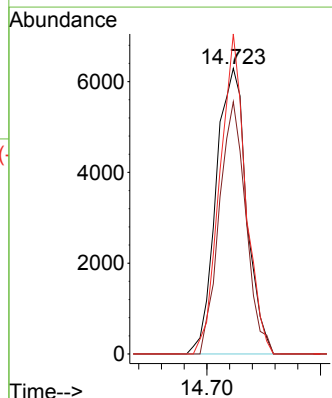
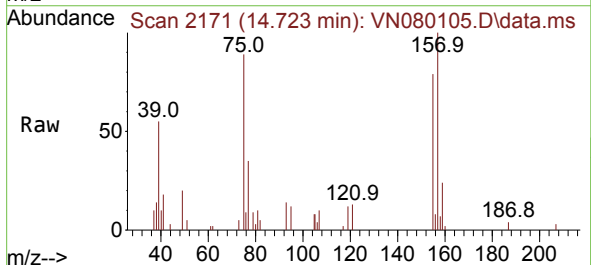


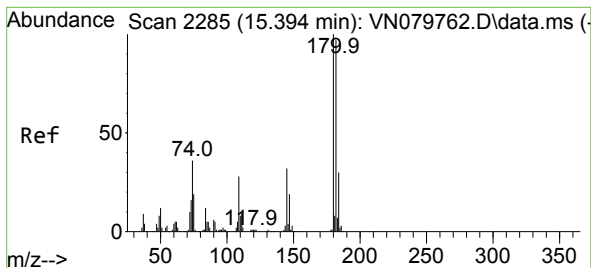
Tgt Ion:146 Resp: 82846
Ion Ratio Lower Upper
146 100
111 47.1 22.0 66.0
148 62.4 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.210 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080105.D
Acq: 15 Nov 2023 12:52

Tgt Ion: 75 Resp: 11704
Ion Ratio Lower Upper
75 100
155 77.3 39.1 117.2
157 95.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.868 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

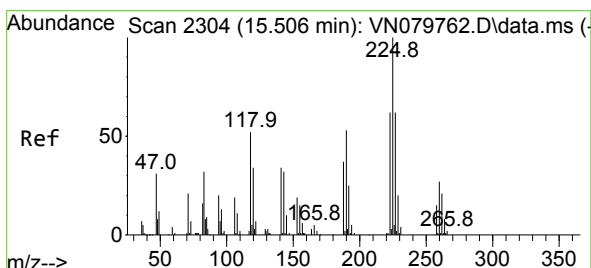
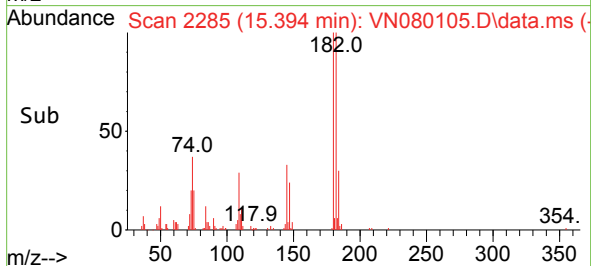
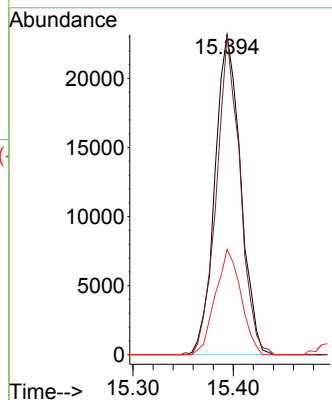
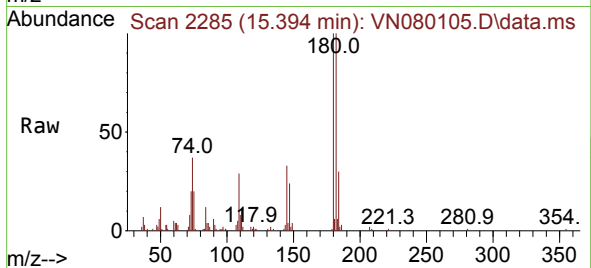
Tgt Ion:180 Resp: 41232

Ion Ratio Lower Upper

180 100

182 92.2 46.1 138.2

145 32.8 16.6 49.8



#94

Hexachlorobutadiene

Concen: 24.648 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

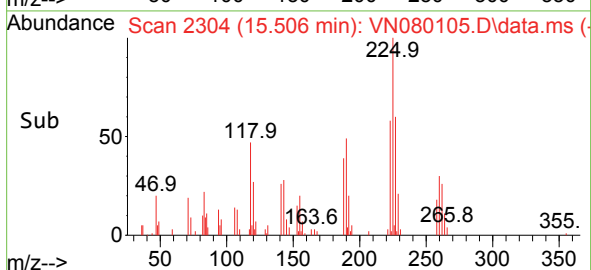
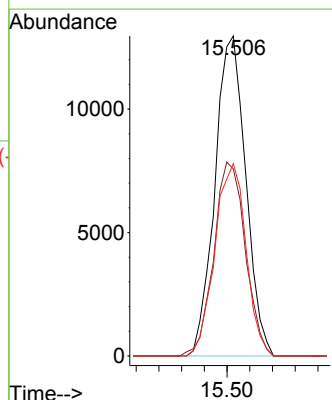
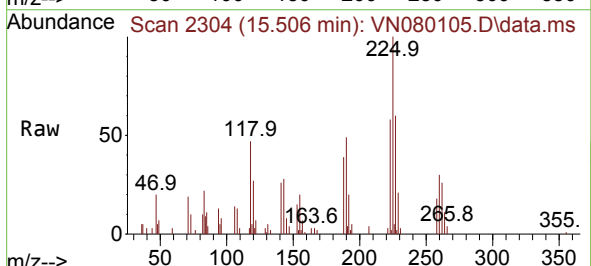
Tgt Ion:225 Resp: 24418

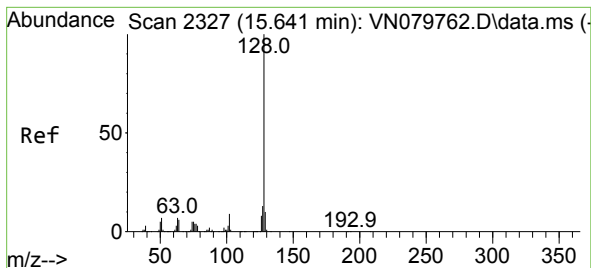
Ion Ratio Lower Upper

225 100

223 61.9 31.3 93.8

227 60.8 31.9 95.9





#95

Naphthalene

Concen: 14.229 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

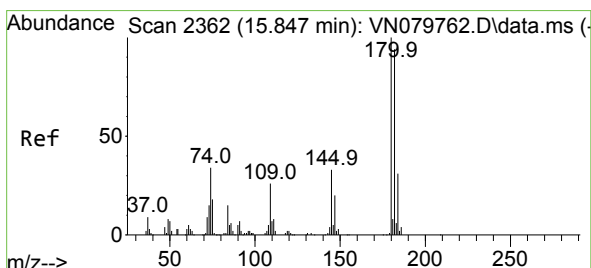
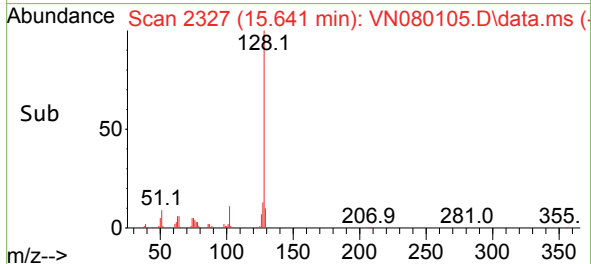
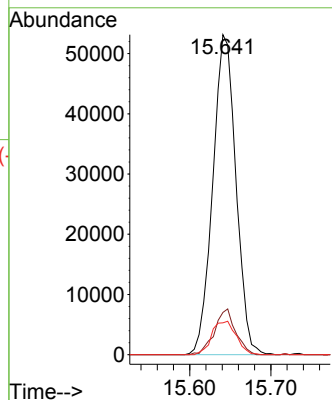
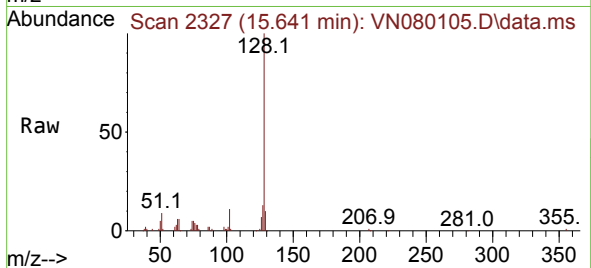
Tgt Ion:128 Resp: 105452

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.220 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080105.D

Acq: 15 Nov 2023 12:52

Tgt Ion:180 Resp: 36888

Ion Ratio Lower Upper

180 100

182 97.0 46.2 138.6

145 37.3 17.5 52.6

