

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083221.D
 Acq On : 10 Aug 2024 20:36
 Operator : JC\MD
 Sample : P3478-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 12 01:58:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	173714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123438	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149046	60.279	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.560%	
35) Dibromofluoromethane	8.165	113	106204	55.832	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.660%	
50) Toluene-d8	10.565	98	393978	55.523	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.040%	
62) 4-Bromofluorobenzene	12.847	95	153413	55.457	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 110.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	83129	42.199	ug/l	97
3) Chloromethane	2.359	50	92949	46.087	ug/l	98
4) Vinyl Chloride	2.512	62	96085	46.690	ug/l	99
5) Bromomethane	2.942	94	57412	44.960	ug/l	95
6) Chloroethane	3.112	64	60981	47.363	ug/l	97
7) Trichlorofluoromethane	3.489	101	158506	46.624	ug/l	99
8) Diethyl Ether	3.959	74	61155	48.342	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.359	101	79323	42.320	ug/l	98
10) Methyl Iodide	4.583	142	115391	46.801	ug/l	93
11) Tert butyl alcohol	5.530	59	115351	224.481	ug/l	99
12) 1,1-Dichloroethene	4.342	96	85763	44.537	ug/l	89
13) Acrolein	4.177	56	74043	221.088	ug/l	96
14) Allyl chloride	5.024	41	144789	39.788	ug/l	95
15) Acrylonitrile	5.718	53	270021	255.503	ug/l	98
16) Acetone	4.430	43	258402	267.074	ug/l	97
17) Carbon Disulfide	4.706	76	223102	39.596	ug/l	98
18) Methyl Acetate	5.024	43	253799	88.043	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	342213	49.235	ug/l	97
20) Methylene Chloride	5.277	84	119205	53.534	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	89679	45.059	ug/l	94
22) Diisopropyl ether	6.677	45	325821	47.633	ug/l	96
23) Vinyl Acetate	6.600	43	869556	124.024	ug/l	95
24) 1,1-Dichloroethane	6.571	63	182837	49.038	ug/l	99
25) 2-Butanone	7.483	43	377209	253.908	ug/l	92
26) 2,2-Dichloropropane	7.494	77	118137	34.119	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	111580	46.460	ug/l	92
28) Bromochloromethane	7.818	49	72536	47.605	ug/l	90
29) Tetrahydrofuran	7.841	42	244831	254.939	ug/l	89
30) Chloroform	7.965	83	194057	50.098	ug/l	99
31) Cyclohexane	8.259	56	143720	39.222	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	176975	48.268	ug/l	96
36) 1,1-Dichloropropene	8.371	75	129808	45.111	ug/l	99
37) Ethyl Acetate	7.559	43	145722	45.229	ug/l	95
38) Carbon Tetrachloride	8.365	117	149758	46.207	ug/l	97
39) Methylcyclohexane	9.600	83	133207	37.689	ug/l	94
40) Benzene	8.606	78	404960	47.241	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	84367	46.054	ug/l	96
42) 1,2-Dichloroethane	8.671	62	157196	50.340	ug/l	99
43) Isopropyl Acetate	8.688	43	265326	47.306	ug/l #	94
44) Trichloroethene	9.353	130	94660	46.393	ug/l	89
45) 1,2-Dichloropropane	9.624	63	97664	47.997	ug/l	97
46) Dibromomethane	9.712	93	72292	49.635	ug/l	100
47) Bromodichloromethane	9.888	83	157792	48.251	ug/l	99
48) Methyl methacrylate	9.682	41	132846	49.874	ug/l	93
49) 1,4-Dioxane	9.694	88	45056	937.588	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	790058	259.315	ug/l	94
52) Toluene	10.629	92	255006	47.082	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	155628	46.328	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	162330	45.432	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	96736	49.838	ug/l	98
56) Ethyl methacrylate	10.876	69	171801	46.951	ug/l	89
57) 1,3-Dichloropropane	11.165	76	170214	49.199	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	365166	236.088	ug/l	97
59) 2-Hexanone	11.194	43	608804	258.290	ug/l	94
60) Dibromochloromethane	11.359	129	115886	49.381	ug/l	100
61) 1,2-Dibromoethane	11.471	107	99882	48.985	ug/l	96
64) Tetrachloroethene	11.106	164	104951	60.189	ug/l	96
65) Chlorobenzene	11.894	112	274916	47.250	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	98901	48.197	ug/l	98
67) Ethyl Benzene	11.965	91	492755	46.166	ug/l	98
68) m/p-Xylenes	12.071	106	367836	92.000	ug/l	97
69) o-Xylene	12.400	106	184383	46.758	ug/l	100
70) Styrene	12.412	104	316146	47.734	ug/l	97
71) Bromoform	12.576	173	77388	49.782	ug/l #	99
73) Isopropylbenzene	12.694	105	466028	45.137	ug/l	99
74) N-amyl acetate	12.494	43	188112	37.248	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	143456	49.126	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	198292	73.193	ug/l	43
77) Bromobenzene	12.982	156	109159	47.594	ug/l	94
78) n-propylbenzene	13.035	91	545820	45.911	ug/l	100
79) 2-Chlorotoluene	13.123	91	352142	46.720	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	403670	46.700	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	48334	38.808	ug/l	99
82) 4-Chlorotoluene	13.223	91	350876	46.409	ug/l	96
83) tert-Butylbenzene	13.441	119	343820	44.915	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	407808	46.815	ug/l	100
85) sec-Butylbenzene	13.617	105	470568	45.051	ug/l	100
86) p-Isopropyltoluene	13.729	119	394816	45.779	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	198851	46.077	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	201136	46.230	ug/l	98
89) n-Butylbenzene	14.059	91	337841	45.209	ug/l	99
90) Hexachloroethane	14.335	117	72769	43.673	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	197540	47.302	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	35025	49.428	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	106032	45.320	ug/l	99
94) Hexachlorobutadiene	15.500	225	40702	39.117	ug/l	97
95) Naphthalene	15.641	128	396657	47.862	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	106474	45.992	ug/l	97

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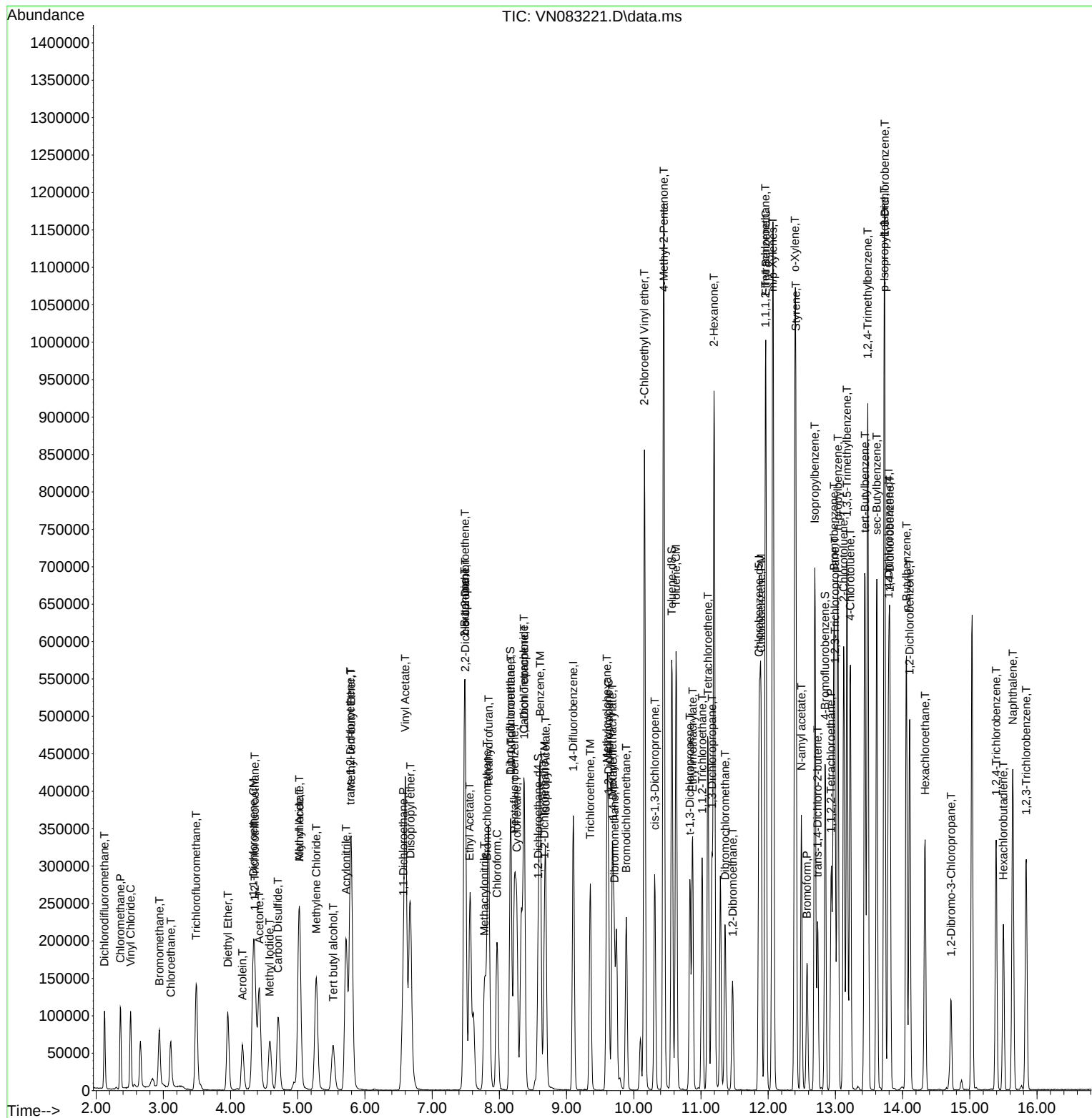
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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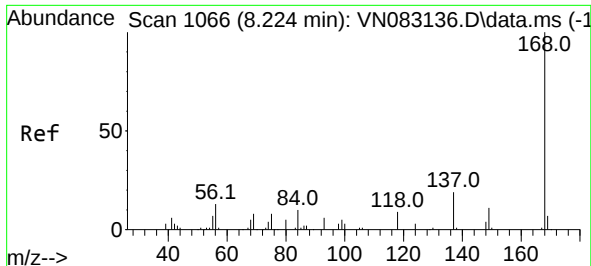
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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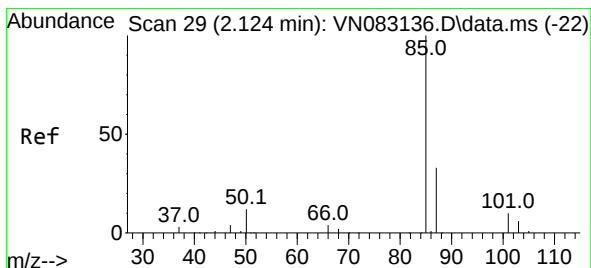
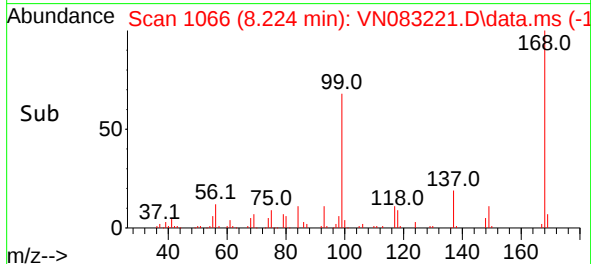
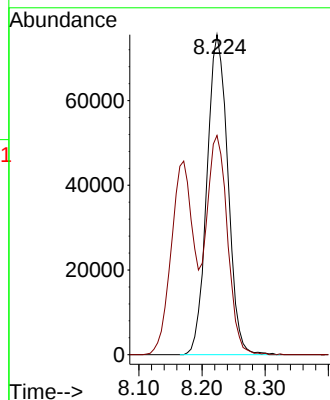
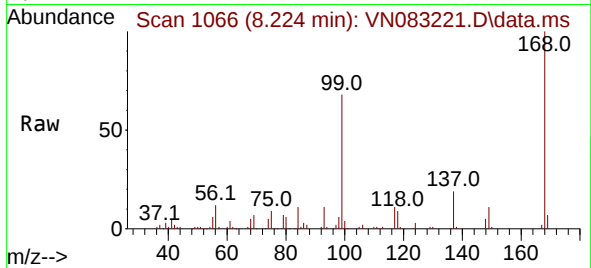




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083221.D
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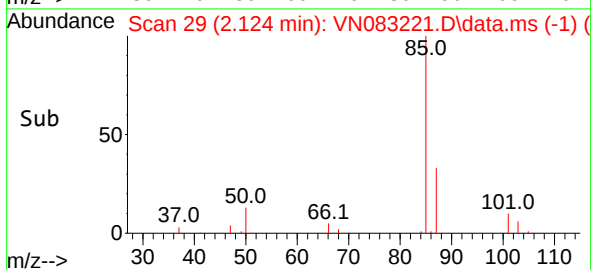
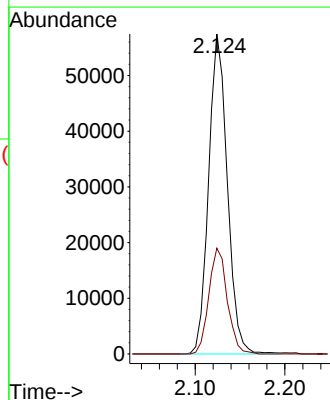
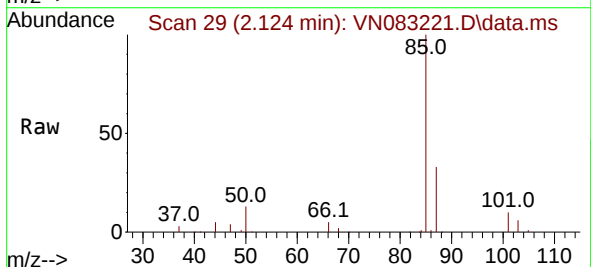
Instrument :
MSVOA_N
ClientSampleId :

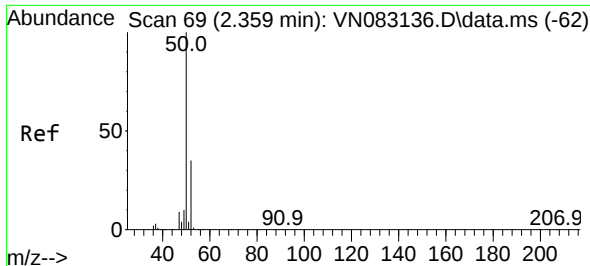
Tgt Ion:168 Resp: 173714
Ion Ratio Lower Upper
168 100
99 68.2 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 42.199 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion: 85 Resp: 83129
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0

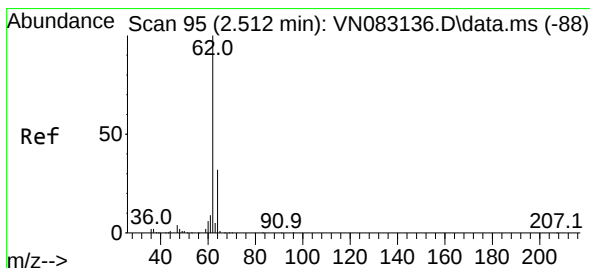
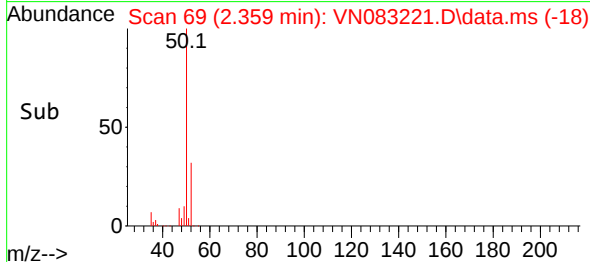
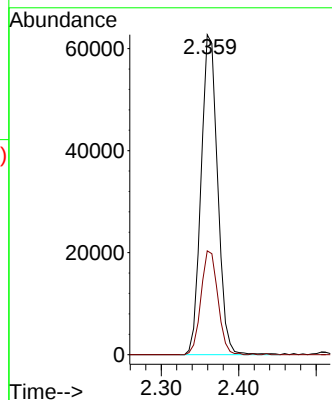
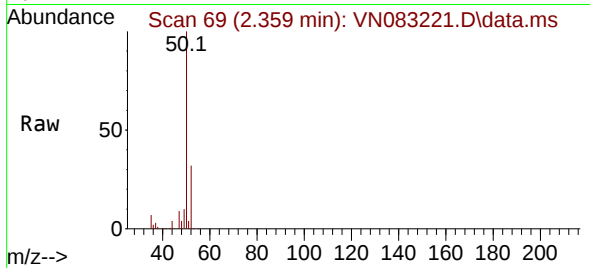




#3
Chloromethane
Concen: 46.087 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

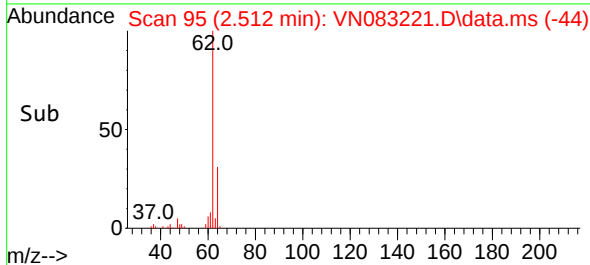
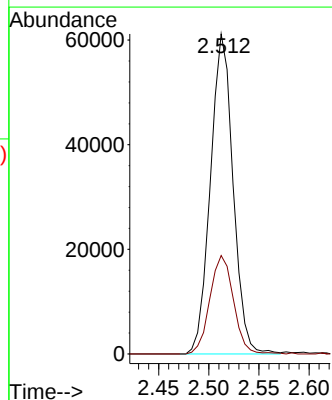
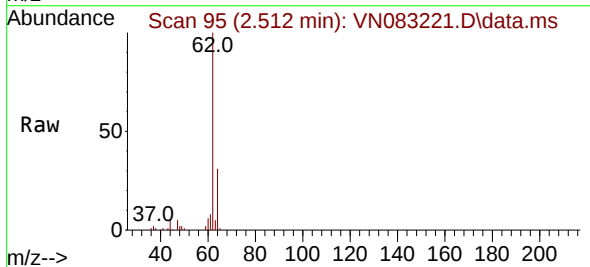
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MSVOA_N
ClientSampleId :

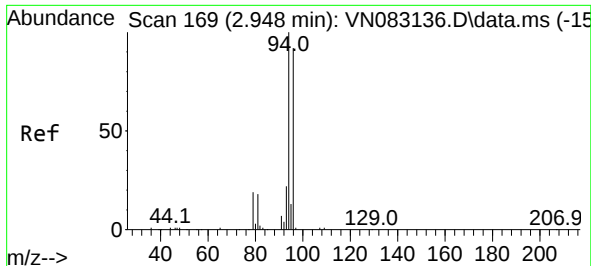
Tgt Ion: 50 Resp: 92949
Ion Ratio Lower Upper
50 100
52 32.5 25.0 37.4



#4
Vinyl Chloride
Concen: 46.690 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion: 62 Resp: 96085
Ion Ratio Lower Upper
62 100
64 30.7 25.0 37.6

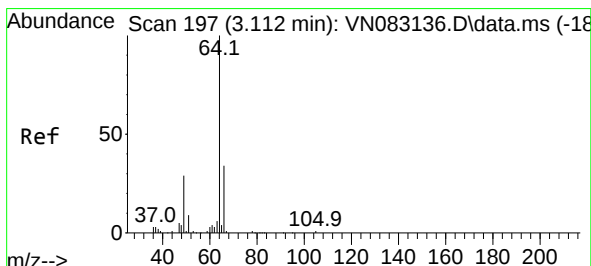
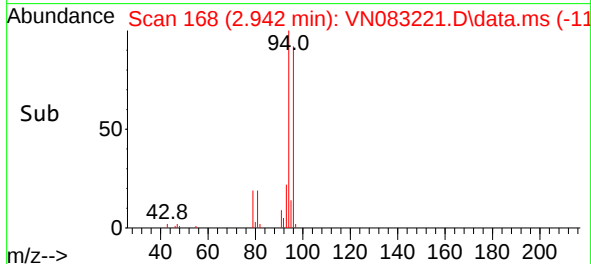
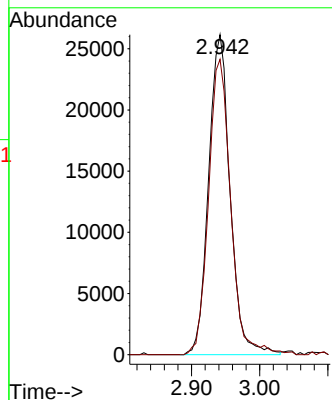
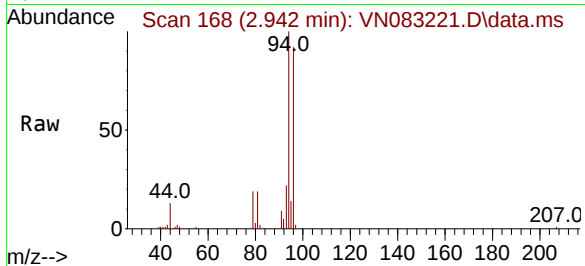




#5
Bromomethane
Concen: 44.960 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN083221.D
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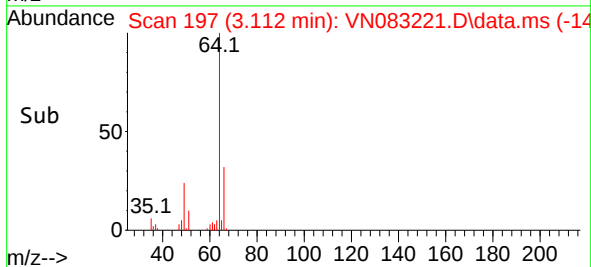
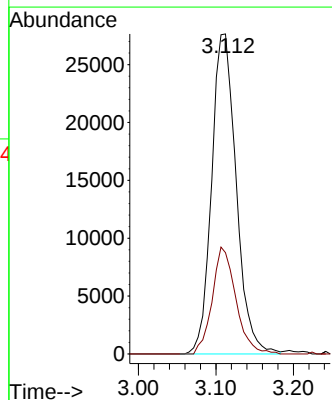
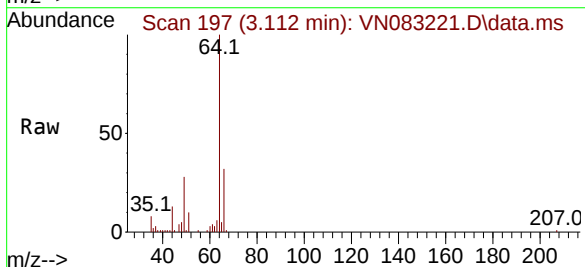
Instrument :
MSVOA_N
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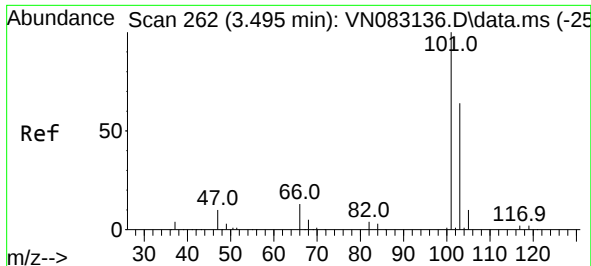
Tgt Ion: 94 Resp: 57412
Ion Ratio Lower Upper
94 100
96 92.3 78.0 117.0



#6
Chloroethane
Concen: 47.363 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion: 64 Resp: 60981
Ion Ratio Lower Upper
64 100
66 31.7 26.6 40.0

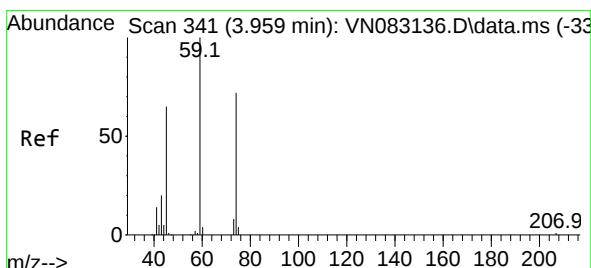
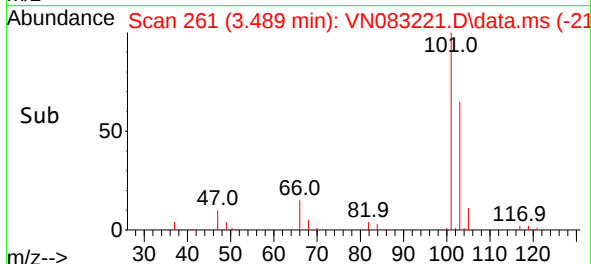
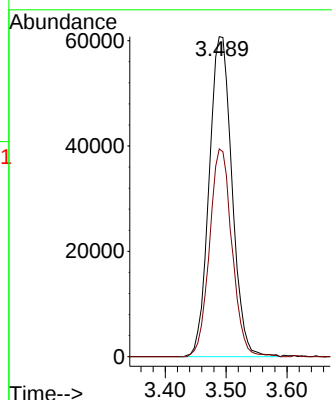
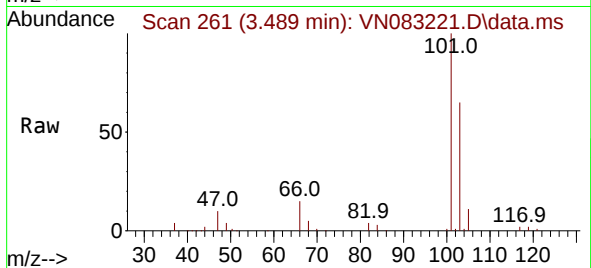




#7
 Trichlorofluoromethane
 Concen: 46.624 ug/l
 RT: 3.489 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN083221.D
 Acq: 10 Aug 2024 20:36

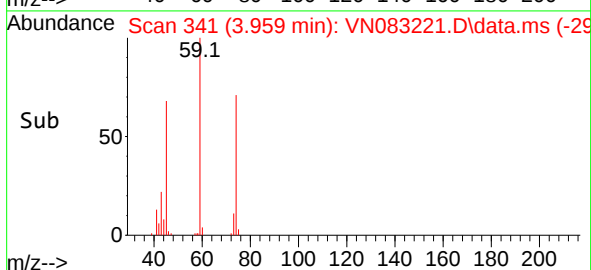
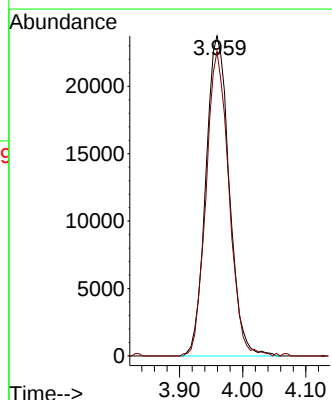
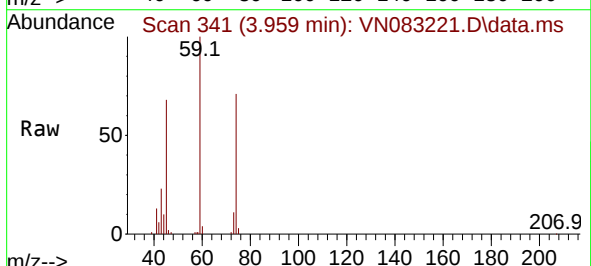
Instrument :
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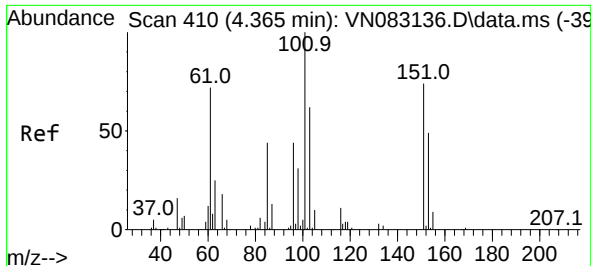
Tgt Ion:101 Resp: 158506
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.7 79.1



#8
 Diethyl Ether
 Concen: 48.342 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN083221.D
 Acq: 10 Aug 2024 20:36

Tgt Ion: 74 Resp: 61155
 Ion Ratio Lower Upper
 74 100
 45 93.0 55.5 166.3

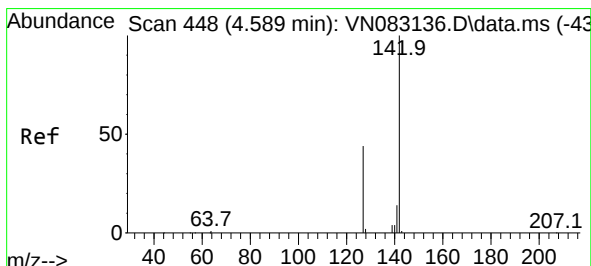
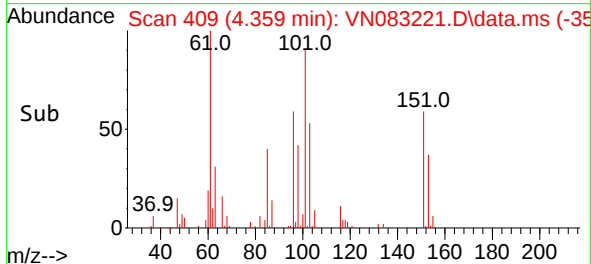
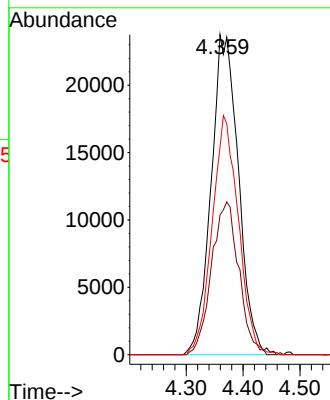
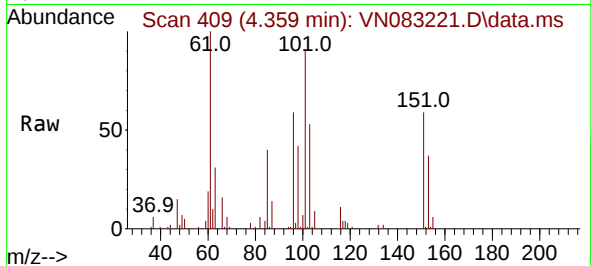




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.320 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

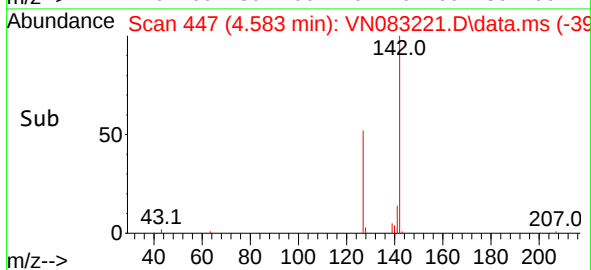
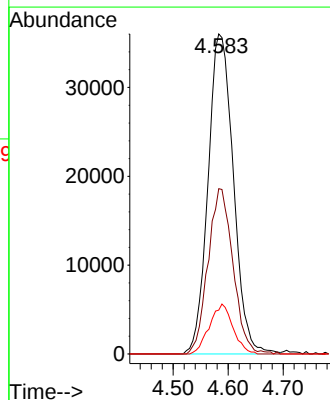
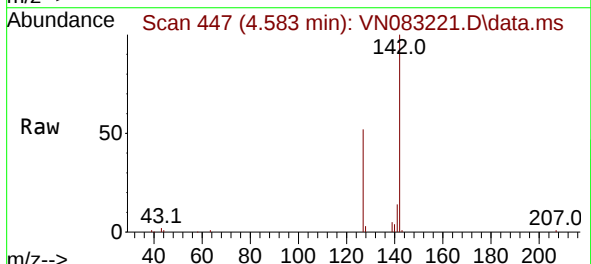
Instrument :
MSVOA_N
ClientSampleId :

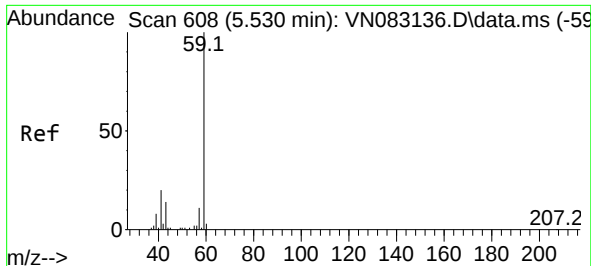
Tgt Ion:101 Resp: 79323
Ion Ratio Lower Upper
101 100
85 47.6 38.3 57.5
151 71.8 59.3 88.9



#10
Methyl Iodide
Concen: 46.801 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion:142 Resp: 115391
Ion Ratio Lower Upper
142 100
127 51.6 37.5 56.3
141 13.7 13.1 19.7

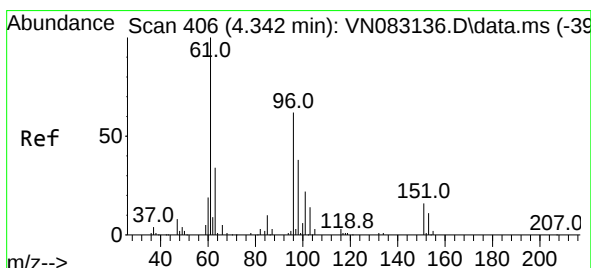
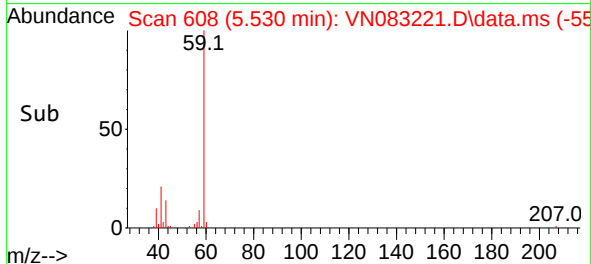
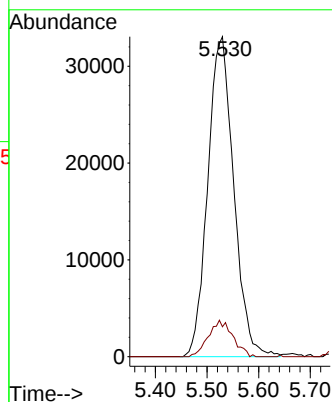
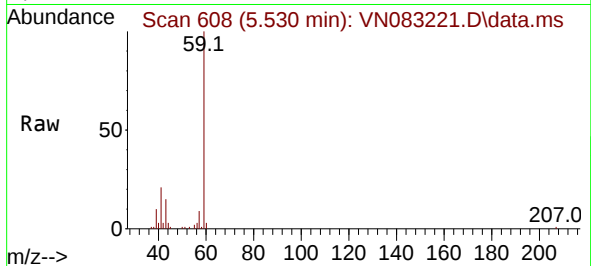




#11
Tert butyl alcohol
Concen: 224.481 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

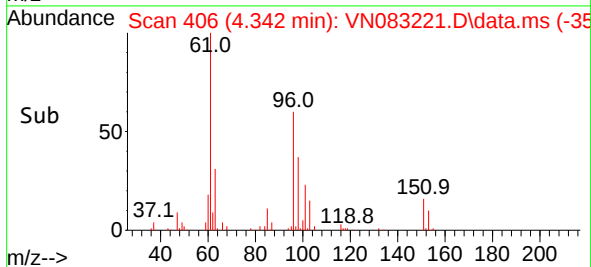
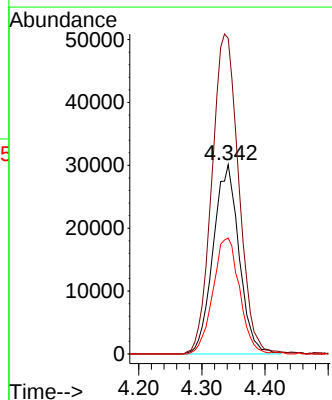
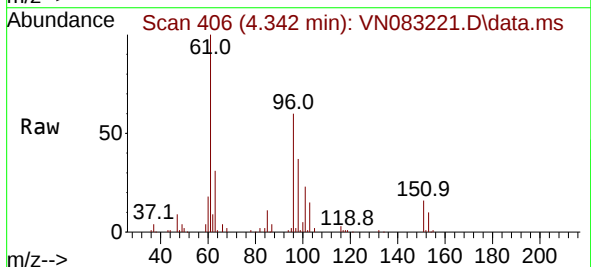
Instrument :
MSVOA_N
ClientSampleId :

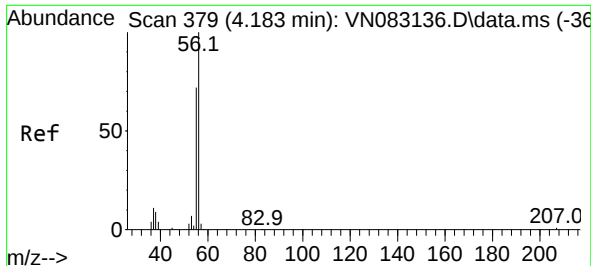
Tgt Ion: 59 Resp: 115351
Ion Ratio Lower Upper
59 100
57 10.7 8.9 13.3



#12
1,1-Dichloroethene
Concen: 44.537 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

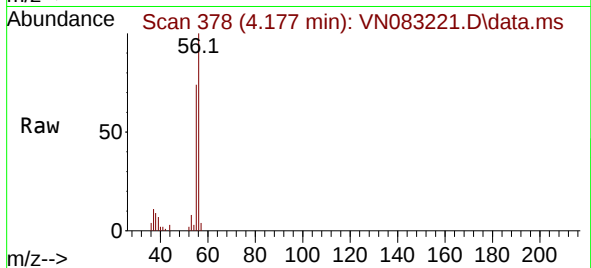
Tgt Ion: 96 Resp: 85763
Ion Ratio Lower Upper
96 100
61 166.8 149.7 224.5
98 61.3 50.1 75.1



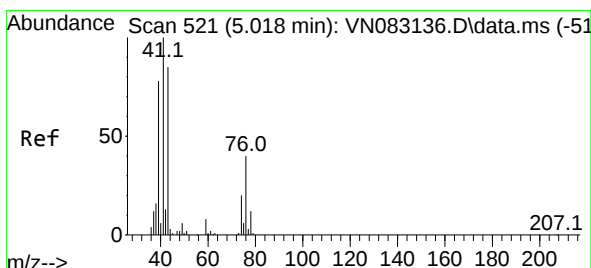
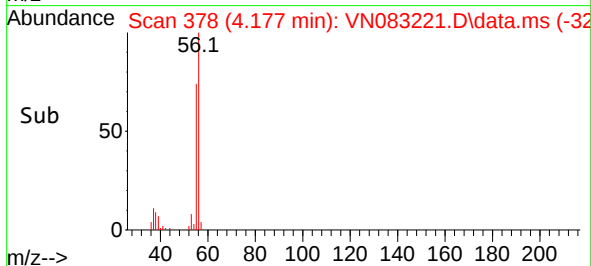
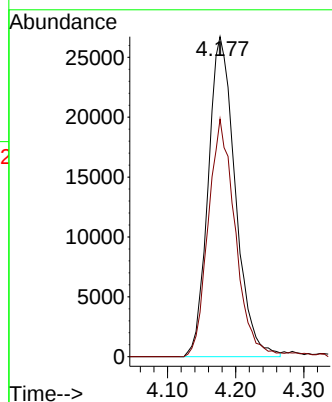


#13
Acrolein
Concen: 221.088 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Instrument :
MSVOA_N
ClientSampleId :

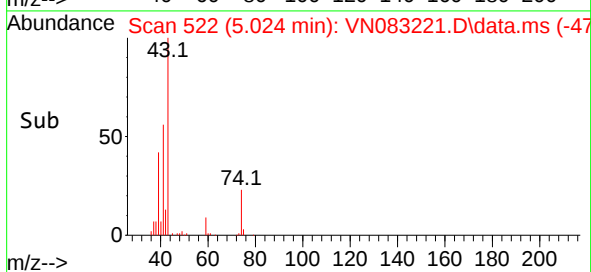
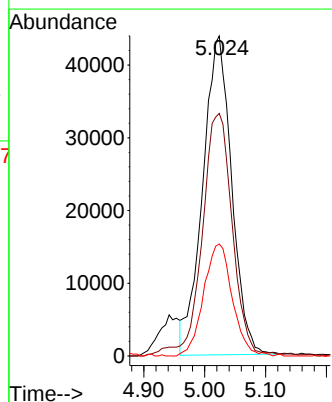
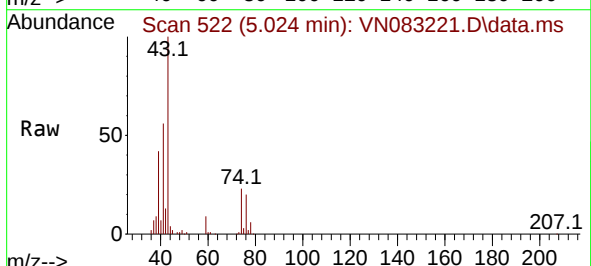


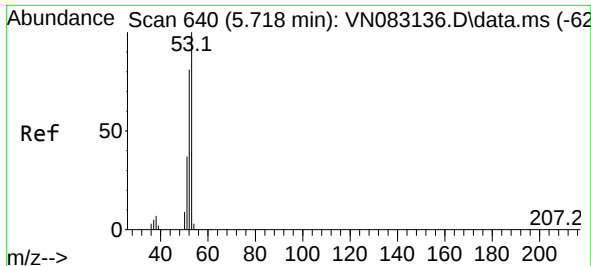
Tgt Ion: 56 Resp: 74043
Ion Ratio Lower Upper
56 100
55 73.9 56.4 84.6



#14
Allyl chloride
Concen: 39.788 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

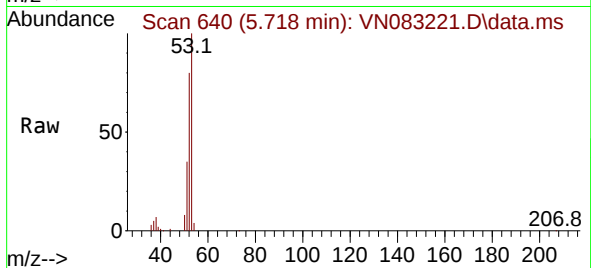
Tgt Ion: 41 Resp: 144789
Ion Ratio Lower Upper
41 100
39 79.5 67.8 101.6
76 34.8 25.8 38.8



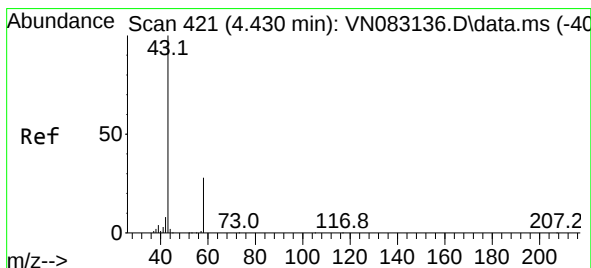
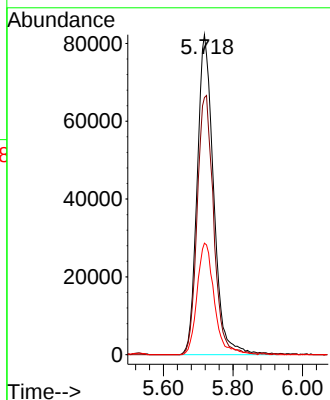
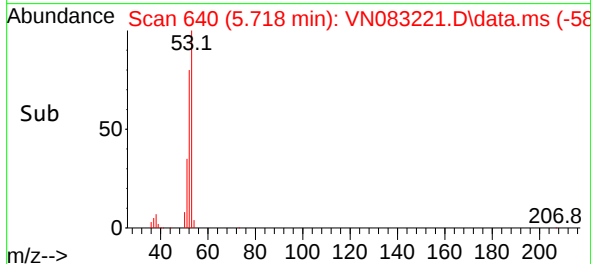


#15
Acrylonitrile
Concen: 255.503 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Instrument :
MSVOA_N
ClientSampleId :

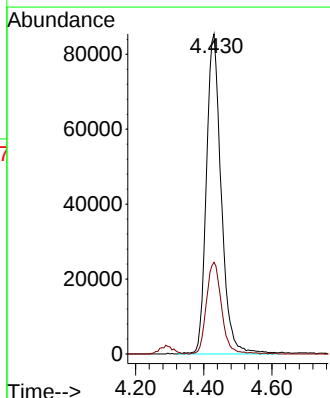
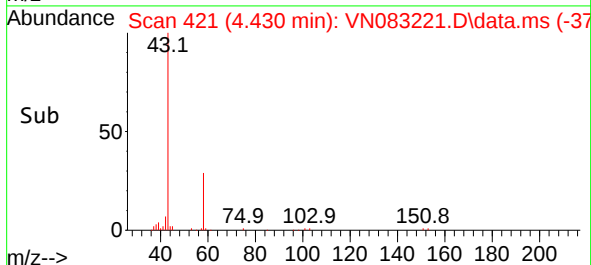
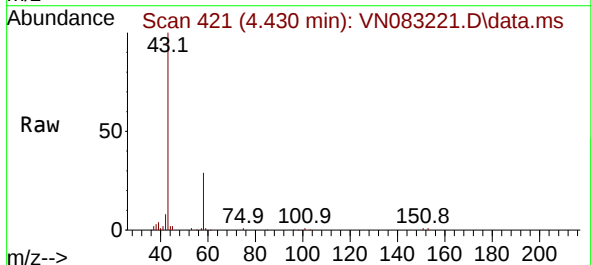


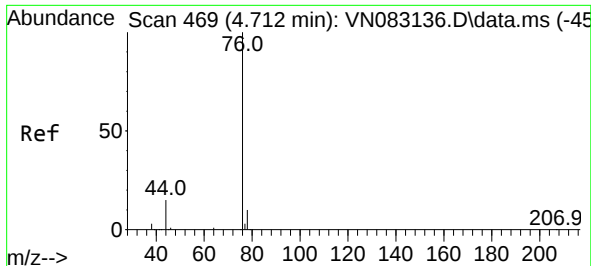
Tgt Ion: 53 Resp: 270021
Ion Ratio Lower Upper
53 100
52 80.9 66.6 100.0
51 36.5 30.1 45.1



#16
Acetone
Concen: 267.074 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion: 43 Resp: 258402
Ion Ratio Lower Upper
43 100
58 28.7 21.8 32.6

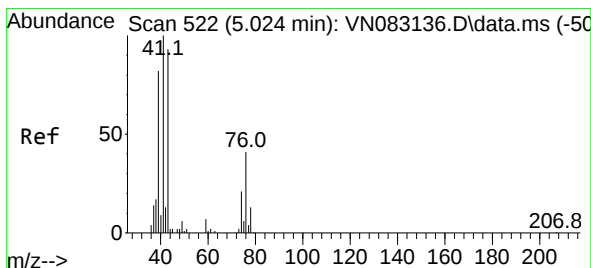
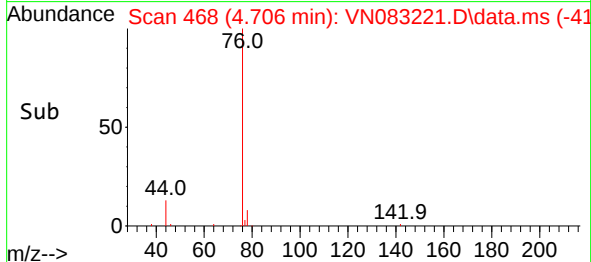
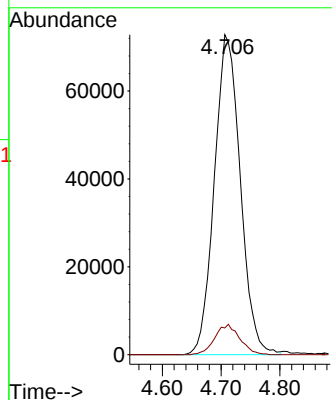
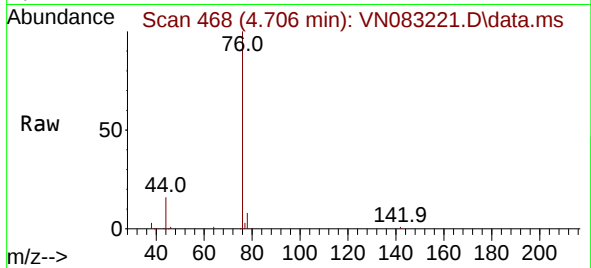




#17
Carbon Disulfide
Concen: 39.596 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

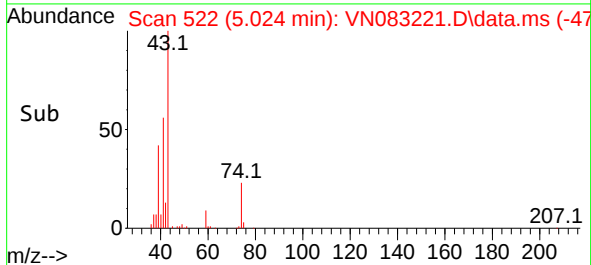
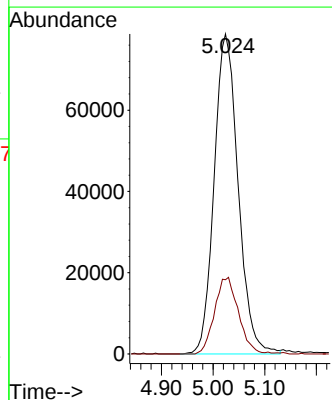
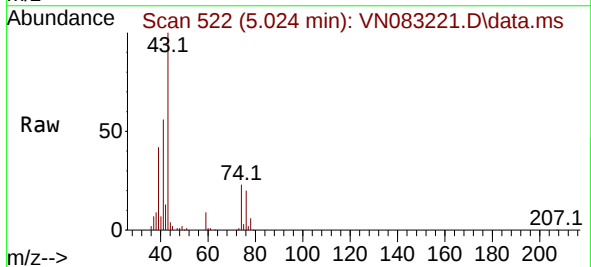
Instrument :
MSVOA_N
ClientSampleId :

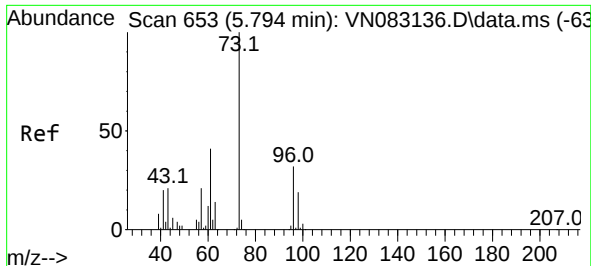
Tgt Ion: 76 Resp: 223102
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#18
Methyl Acetate
Concen: 88.043 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion: 43 Resp: 253799
Ion Ratio Lower Upper
43 100
74 23.7 16.3 24.5

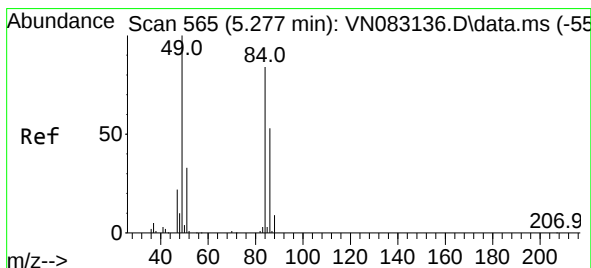
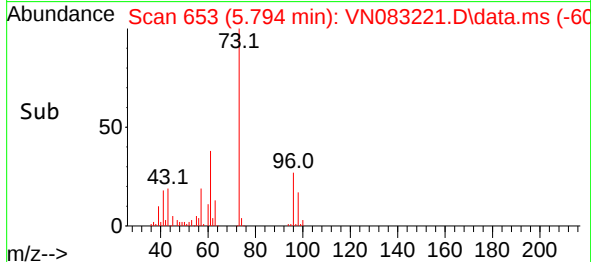
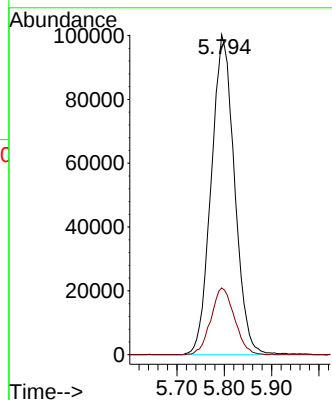
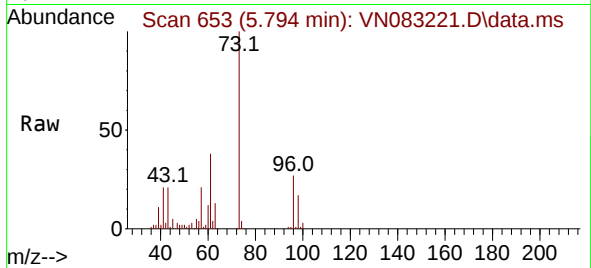




#19
Methyl tert-butyl Ether
Concen: 49.235 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

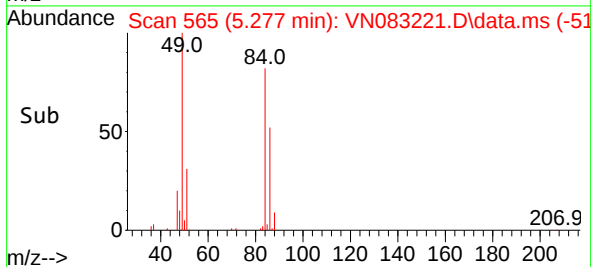
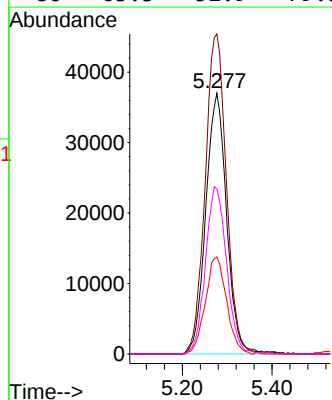
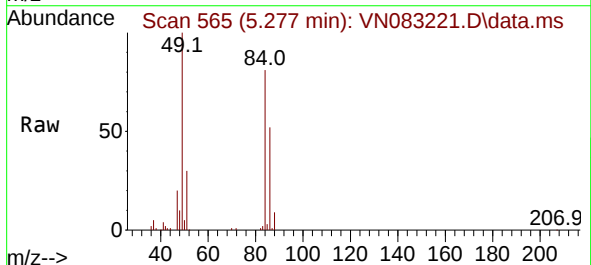
Instrument :
MSVOA_N
ClientSampleId :

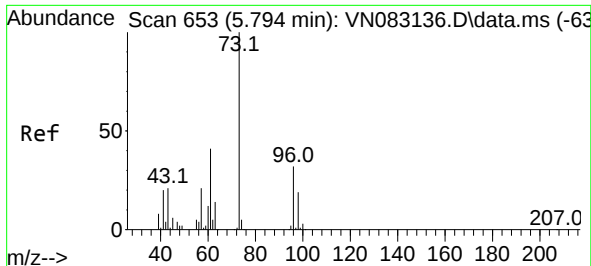
Tgt Ion: 73 Resp: 342213
Ion Ratio Lower Upper
73 100
57 20.9 17.9 26.9



#20
Methylene Chloride
Concen: 53.534 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion: 84 Resp: 119205
Ion Ratio Lower Upper
84 100
49 122.7 119.6 179.4
51 37.3 34.8 52.2
86 63.3 52.9 79.3

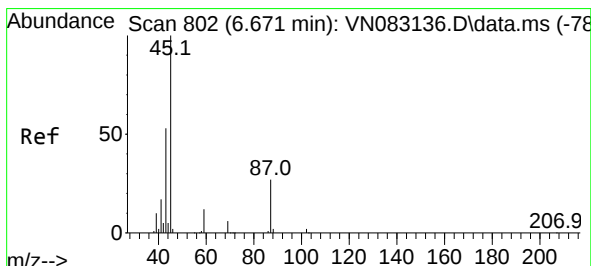
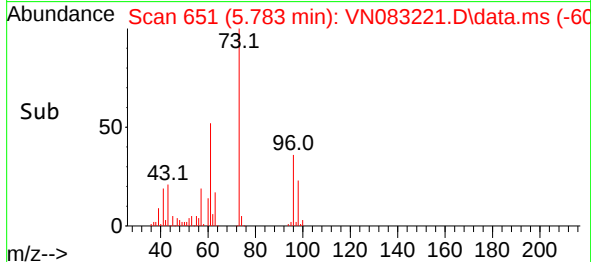
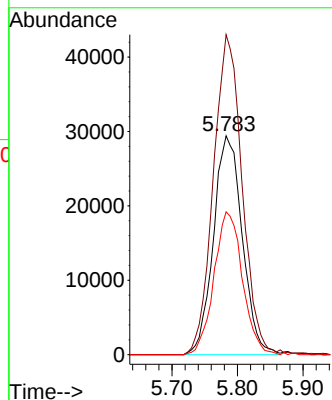
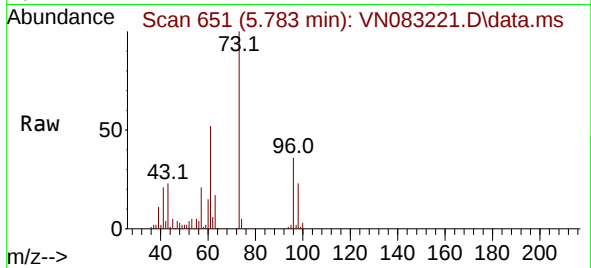




#21
trans-1,2-Dichloroethene
Concen: 45.059 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

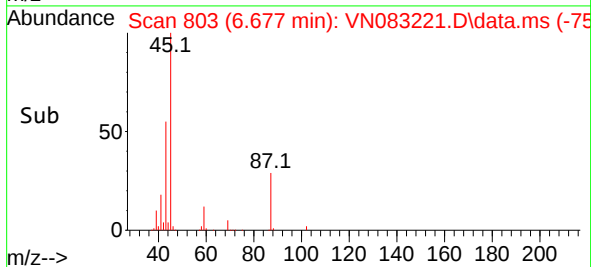
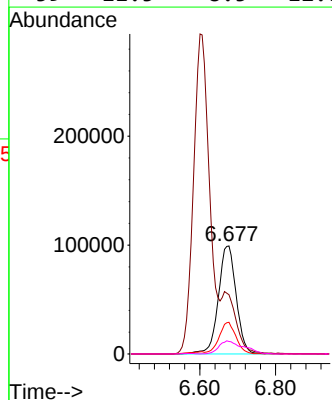
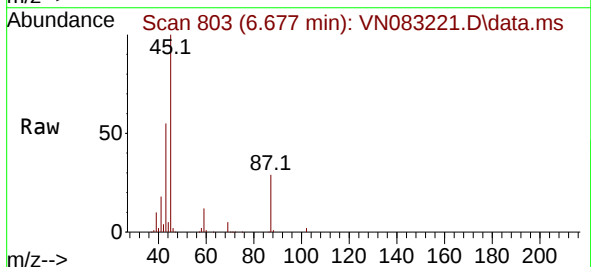
Instrument :
MSVOA_N
ClientSampleId :

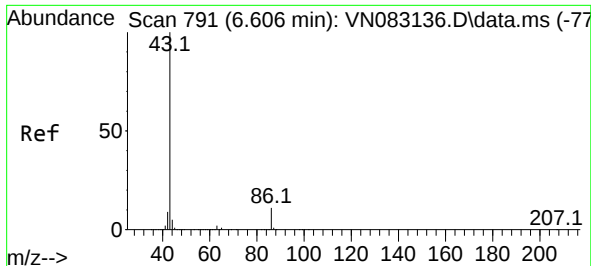
Tgt Ion: 96 Resp: 89679
Ion Ratio Lower Upper
96 100
61 146.2 123.4 185.2
98 65.3 49.3 73.9



#22
Diisopropyl ether
Concen: 47.633 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

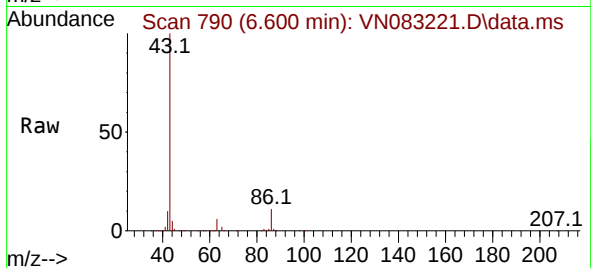
Tgt Ion: 45 Resp: 325821
Ion Ratio Lower Upper
45 100
43 54.2 44.0 66.0
87 29.4 19.7 29.5
59 11.5 8.5 12.7



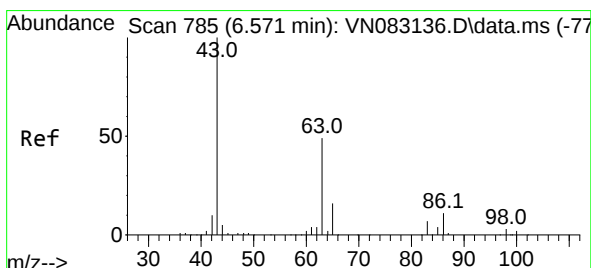
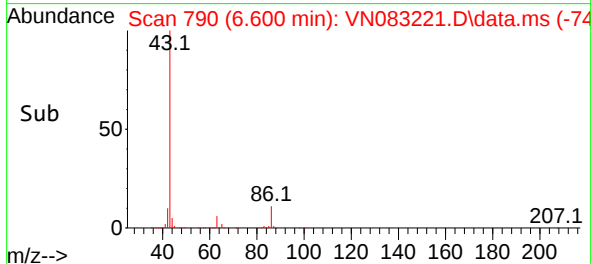
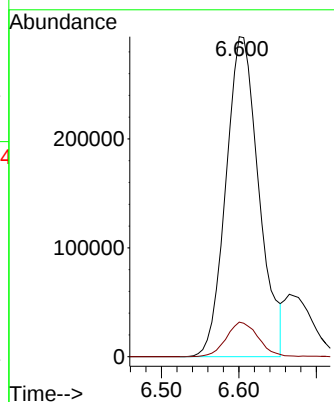


#23
 Vinyl Acetate
 Concen: 124.024 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083221.D
 Acq: 10 Aug 2024 20:36

Instrument :
 MSVOA_N
 ClientSampleId :

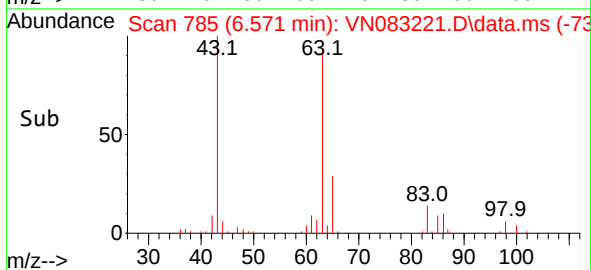
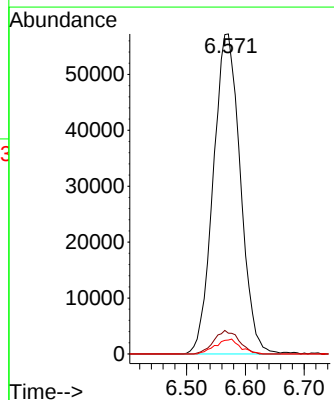
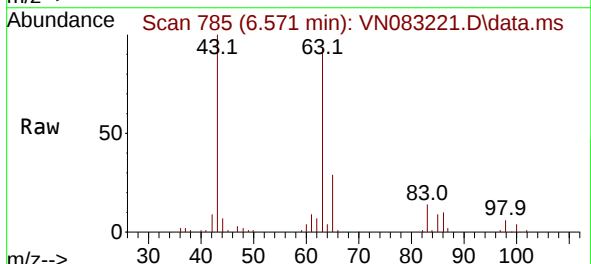


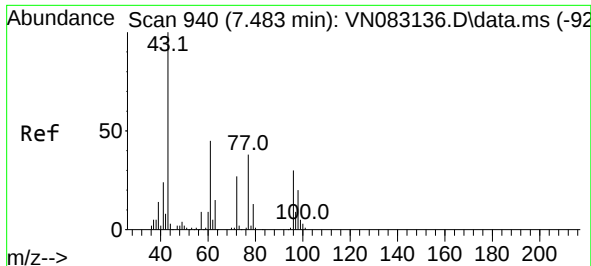
Tgt Ion: 43 Resp: 869556
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 49.038 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN083221.D
 Acq: 10 Aug 2024 20:36

Tgt Ion: 63 Resp: 182837
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.4 2.0 6.0

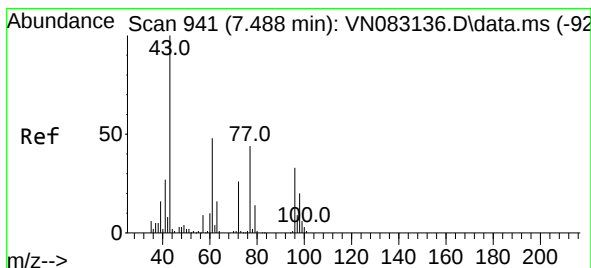
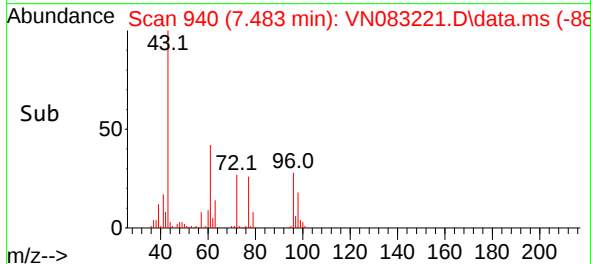
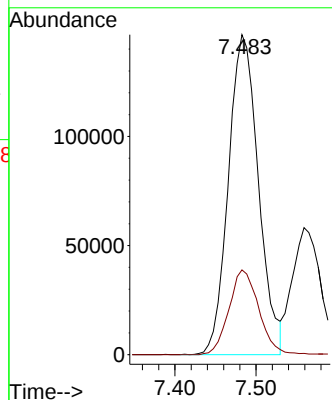
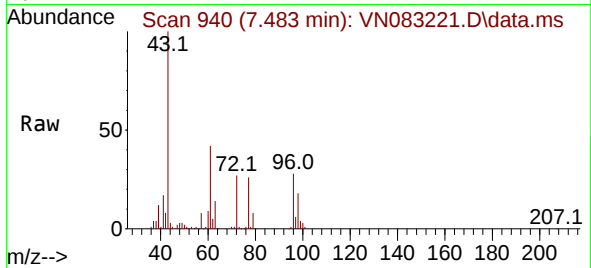




#25
2-Butanone
Concen: 253.908 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

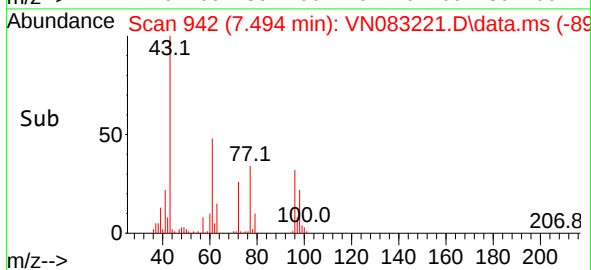
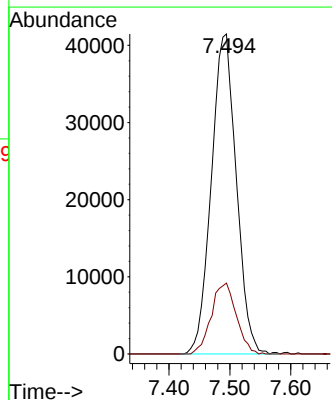
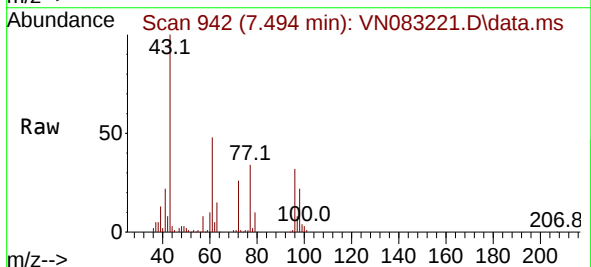
Instrument :
MSVOA_N
ClientSampleId :

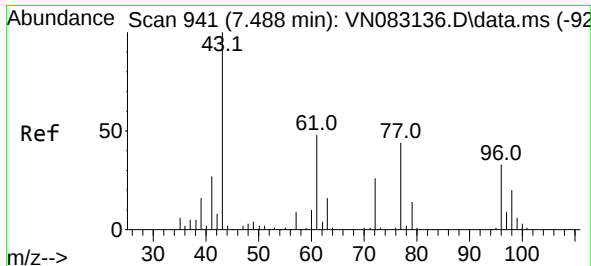
Tgt Ion: 43 Resp: 377209
Ion Ratio Lower Upper
43 100
72 26.5 18.2 27.2



#26
2,2-Dichloropropane
Concen: 34.119 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

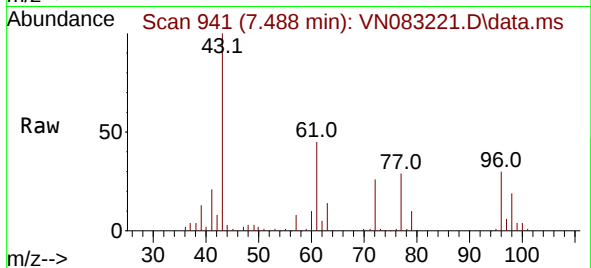
Tgt Ion: 77 Resp: 118137
Ion Ratio Lower Upper
77 100
97 22.2 10.3 30.9





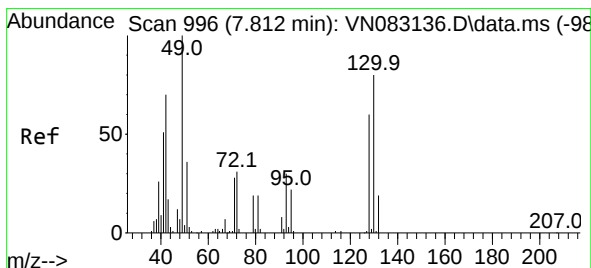
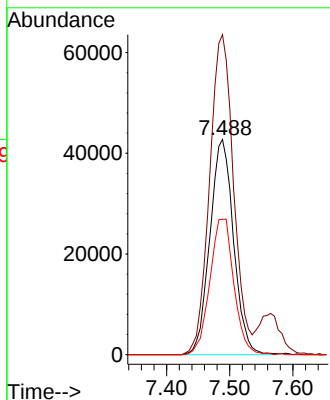
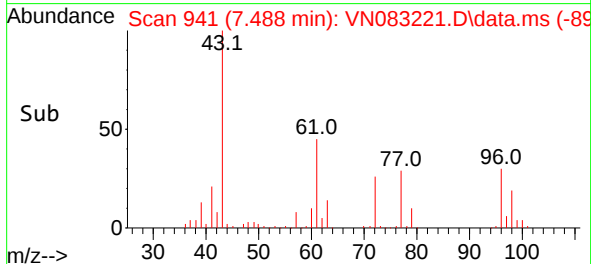
#27
 cis-1,2-Dichloroethene
 Concen: 46.460 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN083221.D
 Acq: 10 Aug 2024 20:36

Instrument :
 MSVOA_N
 ClientSampleId :

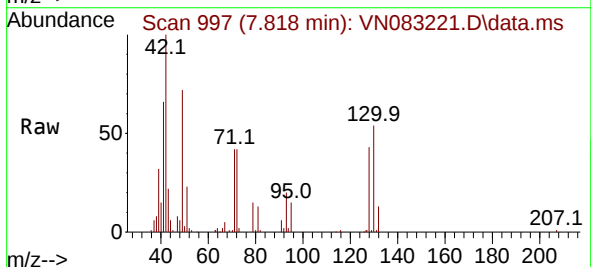


Tgt Ion: 96 Resp: 111580

Ion	Ratio	Lower	Upper
96	100		
61	150.3	0.0	329.6
98	64.0	0.0	128.6

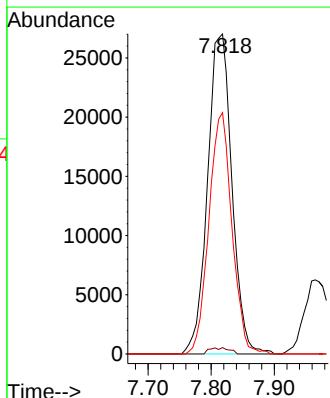
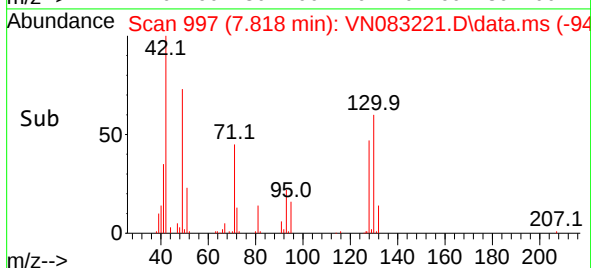


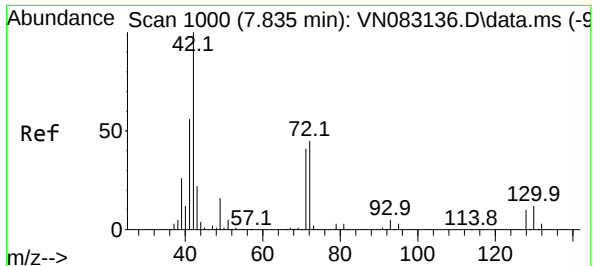
#28
 Bromochloromethane
 Concen: 47.605 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN083221.D
 Acq: 10 Aug 2024 20:36



Tgt Ion: 49 Resp: 72536

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	71.2	50.5	75.7





#29

Tetrahydrofuran

Concen: 254.939 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

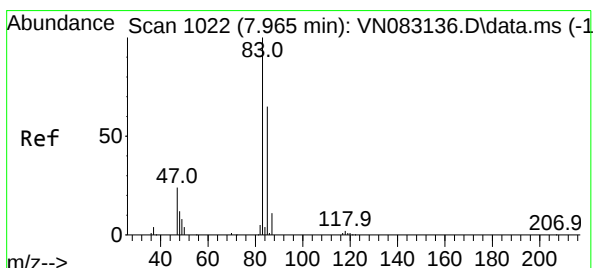
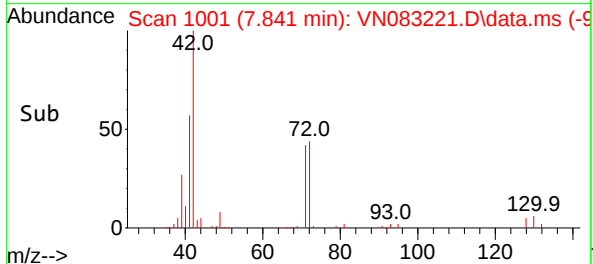
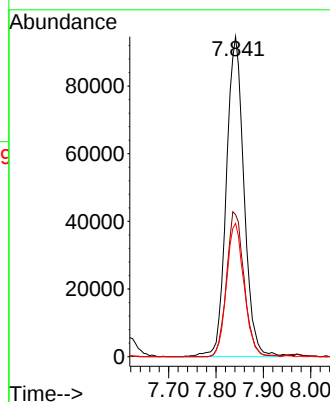
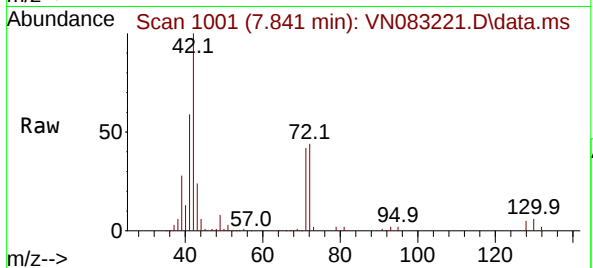
Tgt Ion: 42 Resp: 244831

Ion Ratio Lower Upper

42 100

72 44.8 30.0 45.0

71 41.4 28.3 42.5



#30

Chloroform

Concen: 50.098 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083221.D

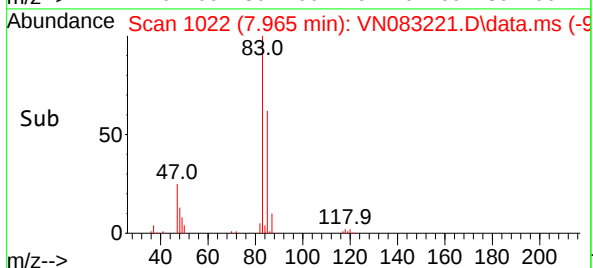
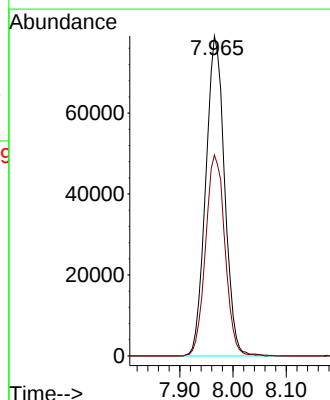
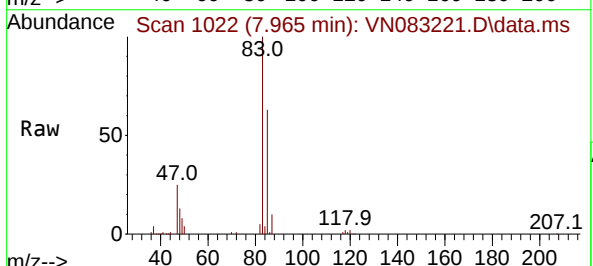
Acq: 10 Aug 2024 20:36

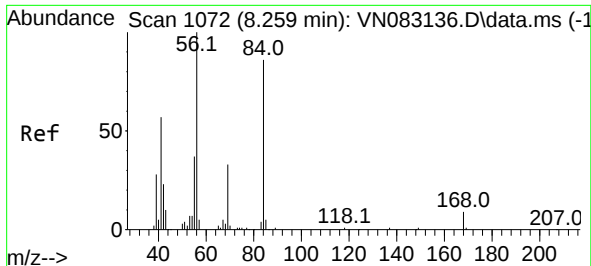
Tgt Ion: 83 Resp: 194057

Ion Ratio Lower Upper

83 100

85 62.8 50.9 76.3





#31

Cyclohexane

Concen: 39.222 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

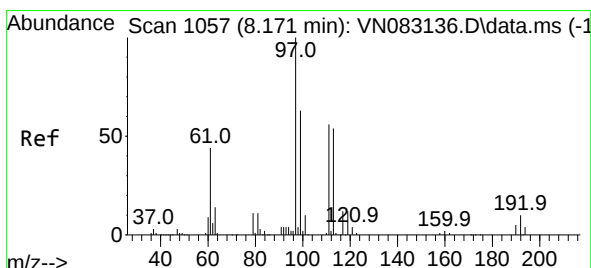
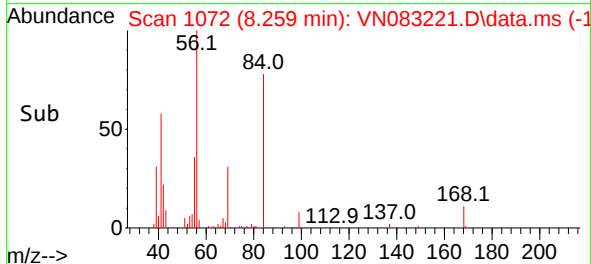
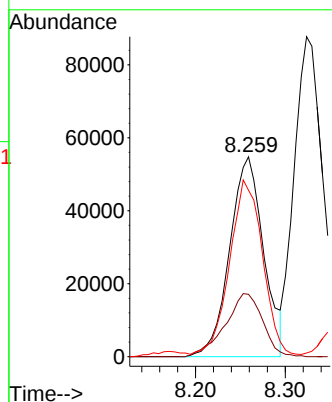
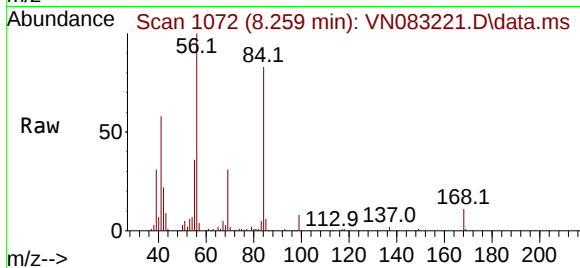
Tgt Ion: 56 Resp: 143720

Ion Ratio Lower Upper

56 100

69 30.8 24.5 36.7

84 81.4 66.0 99.0



#32

1,1,1-Trichloroethane

Concen: 48.268 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

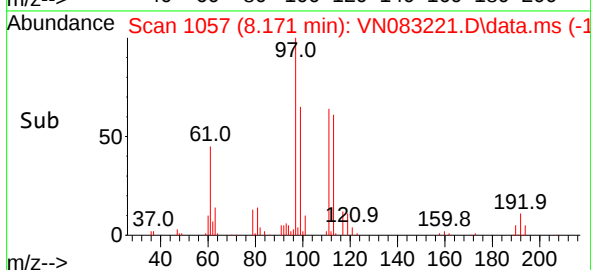
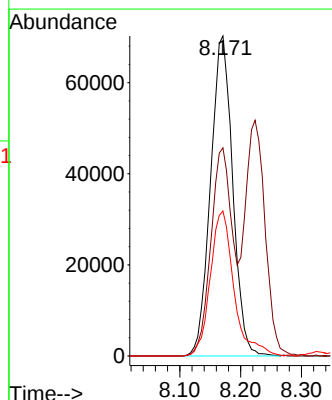
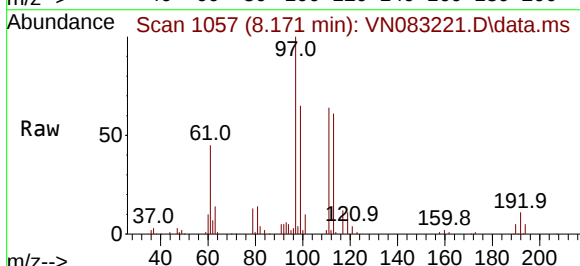
Tgt Ion: 97 Resp: 176975

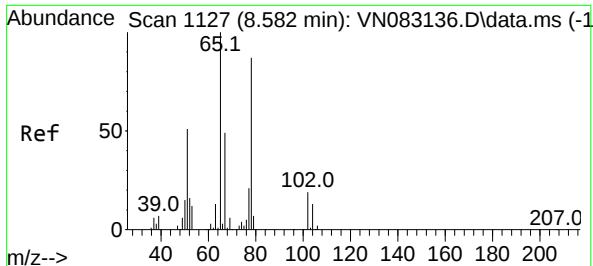
Ion Ratio Lower Upper

97 100

99 62.8 52.0 78.0

61 48.6 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 60.279 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

Instrument :

MSVOA_N

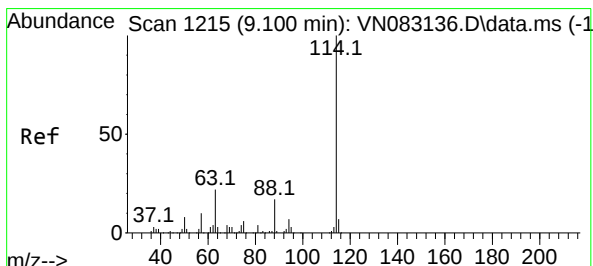
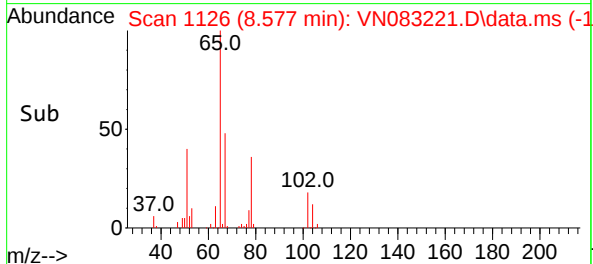
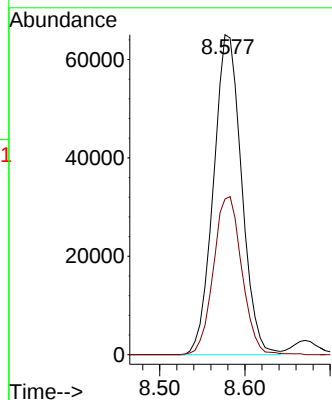
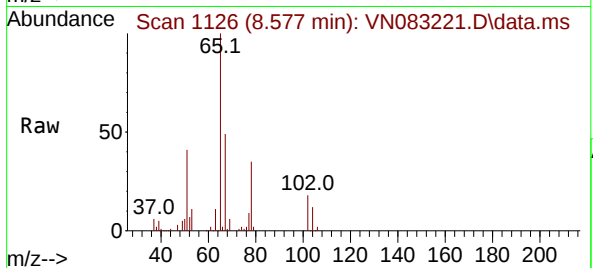
ClientSampleId :

Tgt Ion: 65 Resp: 149046

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

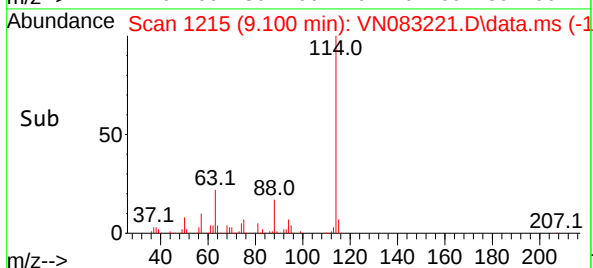
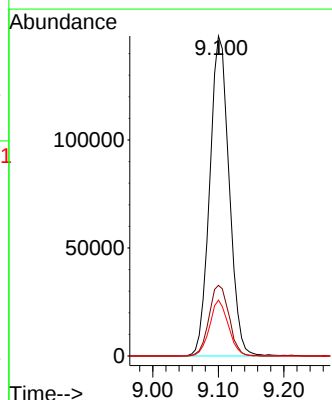
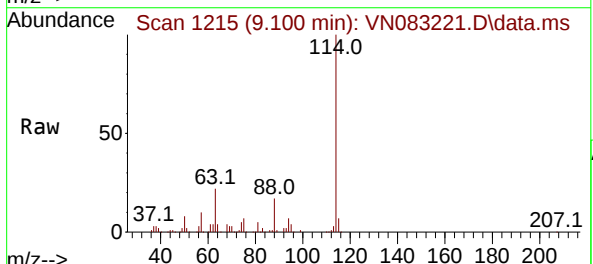
Tgt Ion: 114 Resp: 304755

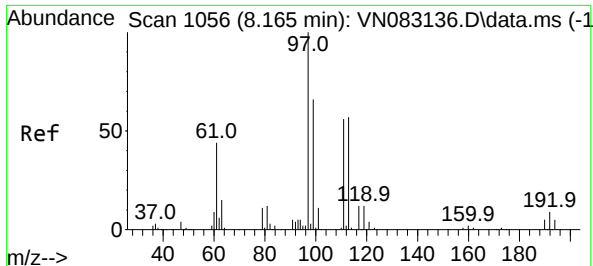
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.6

88 17.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.832 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

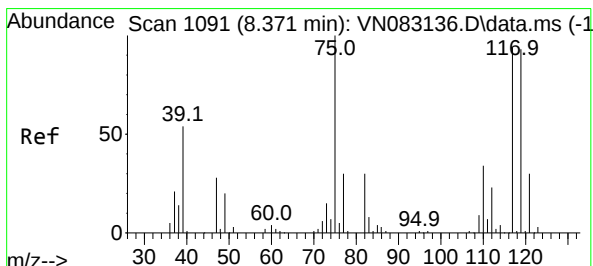
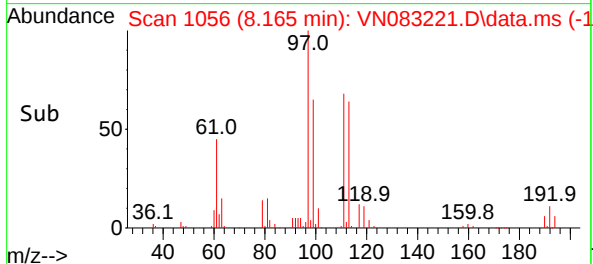
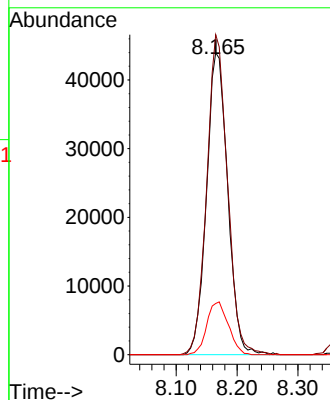
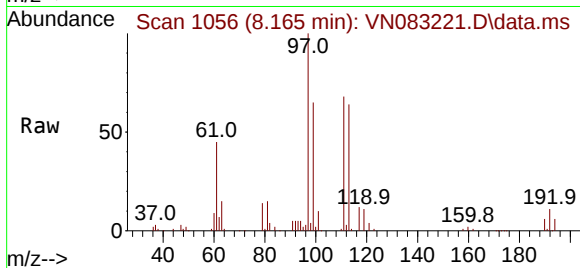
Tgt Ion:113 Resp: 106204

Ion Ratio Lower Upper

113 100

111 103.9 82.4 123.6

192 17.7 14.9 22.3



#36

1,1-Dichloropropene

Concen: 45.111 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

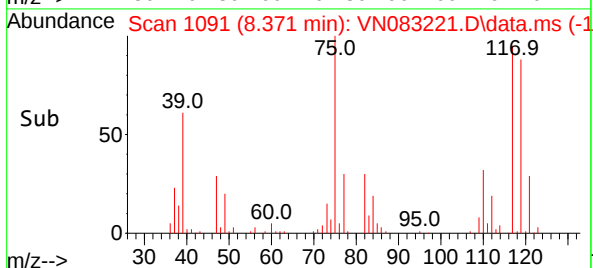
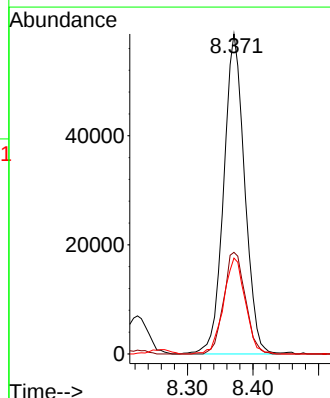
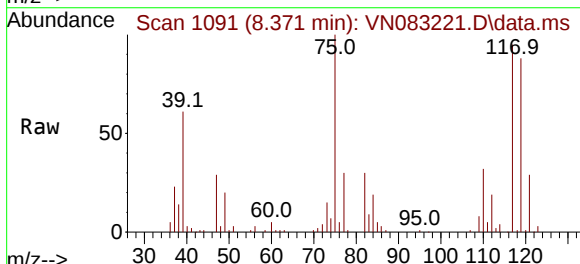
Tgt Ion: 75 Resp: 129808

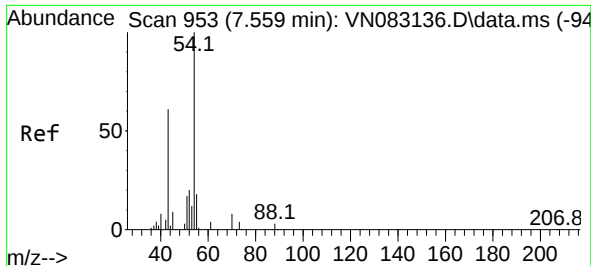
Ion Ratio Lower Upper

75 100

110 32.8 16.3 48.9

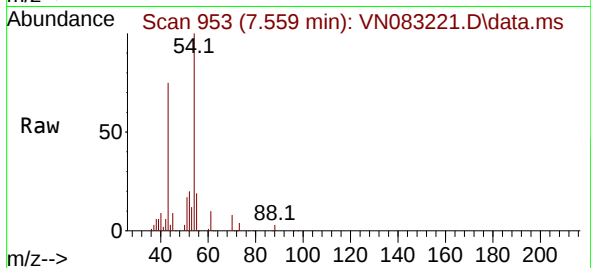
77 31.2 24.6 37.0





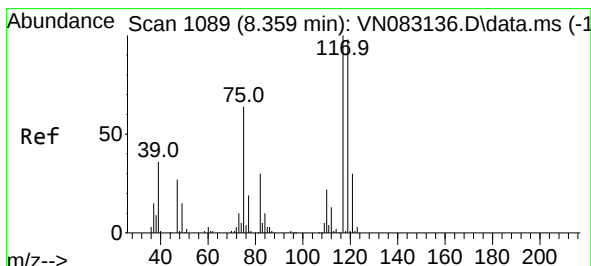
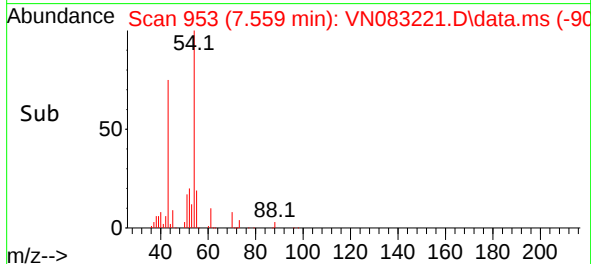
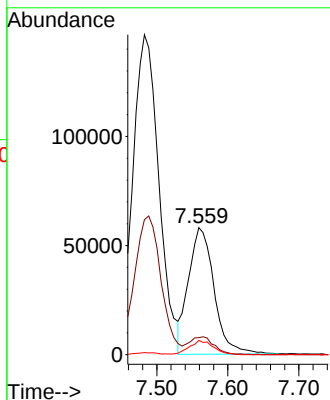
#37
Ethyl Acetate
Concen: 45.229 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 43 Resp: 145722

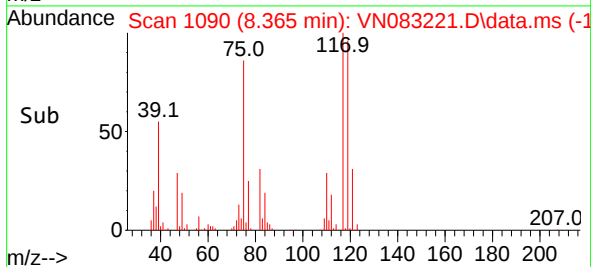
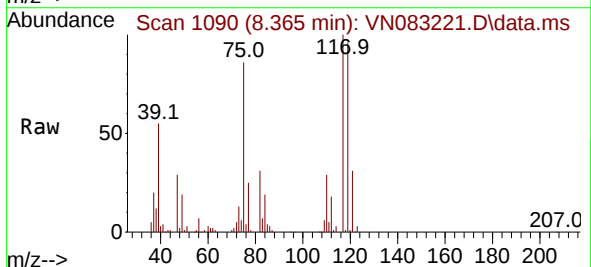
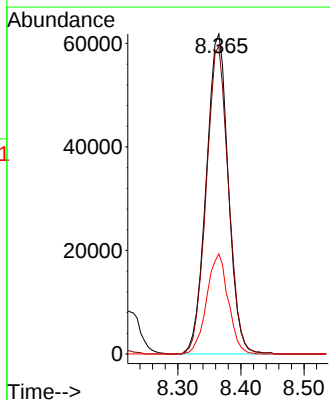
Ion	Ratio	Lower	Upper
43	100		
61	13.9	9.3	13.9
70	10.4	7.0	10.6

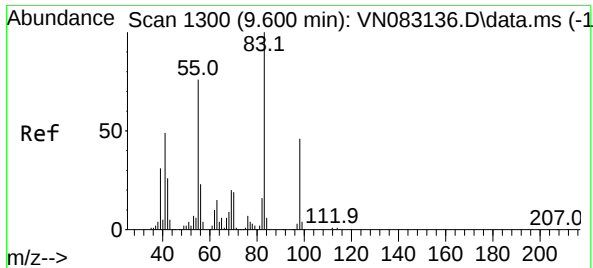


#38
Carbon Tetrachloride
Concen: 46.207 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion: 117 Resp: 149758

Ion	Ratio	Lower	Upper
117	100		
119	96.3	74.9	112.3
121	31.3	24.3	36.5





#39

Methylcyclohexane

Concen: 37.689 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

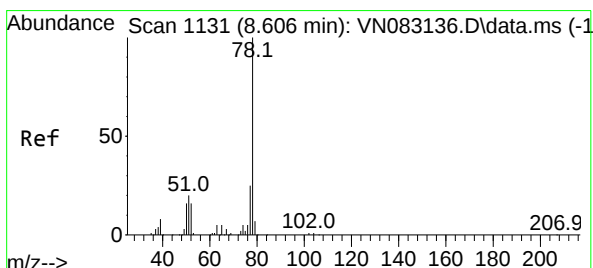
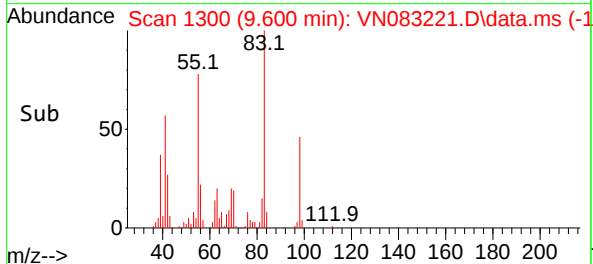
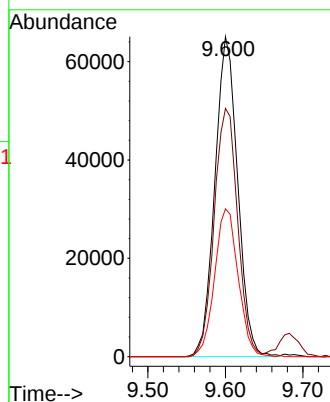
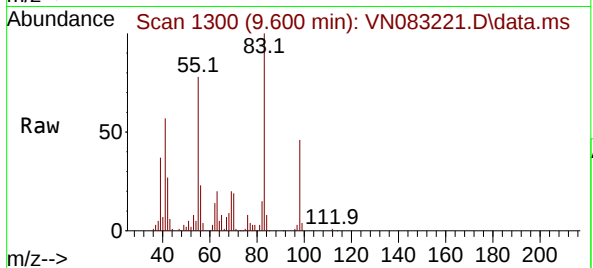
Tgt Ion: 83 Resp: 133207

Ion Ratio Lower Upper

83 100

55 77.6 66.4 99.6

98 46.2 40.7 61.1



#40

Benzene

Concen: 47.241 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN083221.D

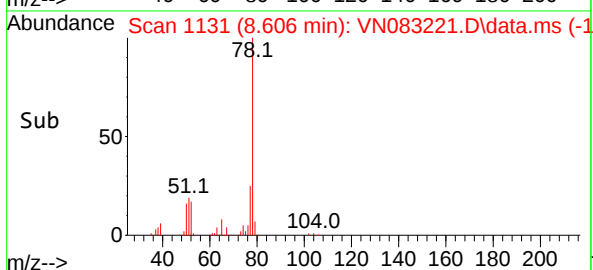
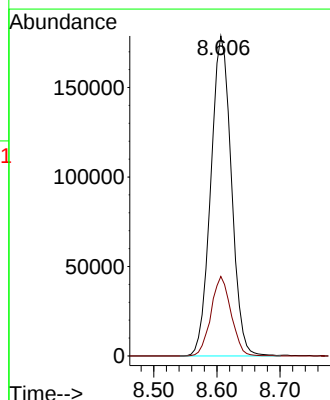
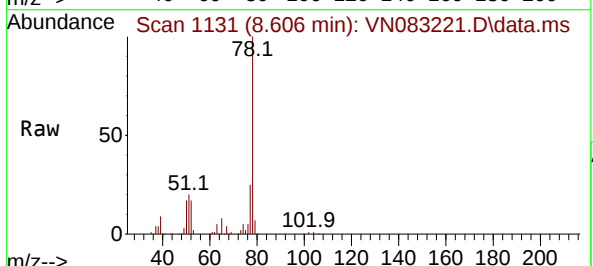
Acq: 10 Aug 2024 20:36

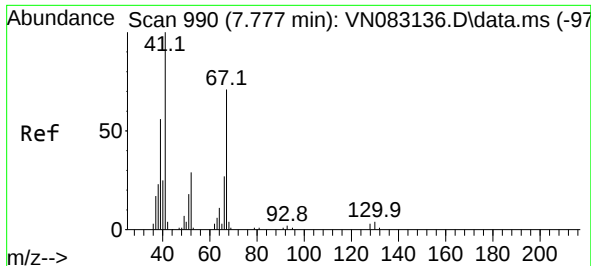
Tgt Ion: 78 Resp: 404960

Ion Ratio Lower Upper

78 100

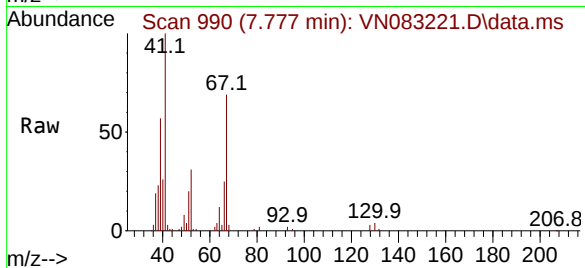
77 24.8 19.0 28.4



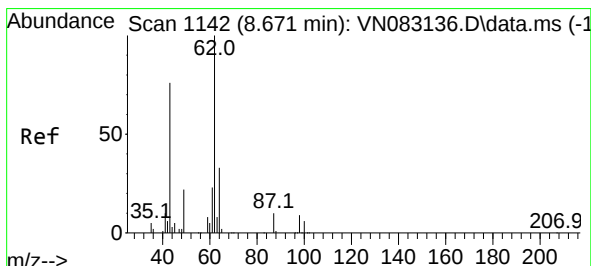
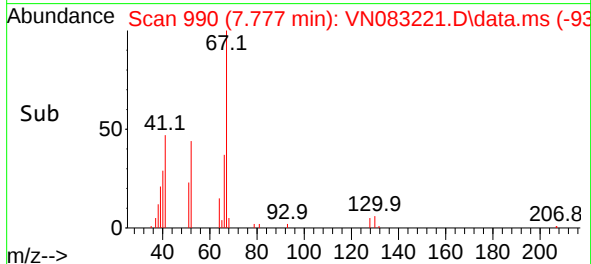
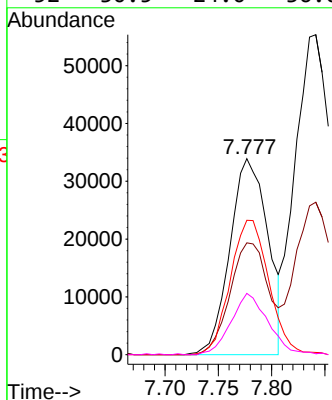


#41
Methacrylonitrile
Concen: 46.054 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Instrument :
MSVOA_N
ClientSampleId :

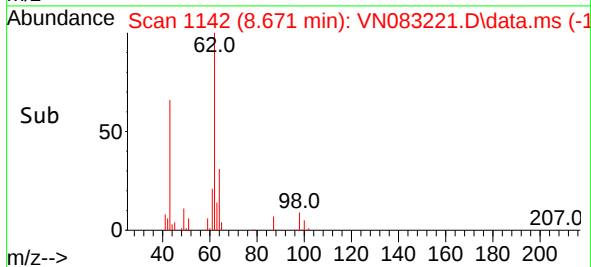
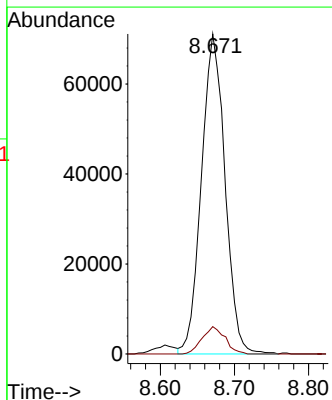
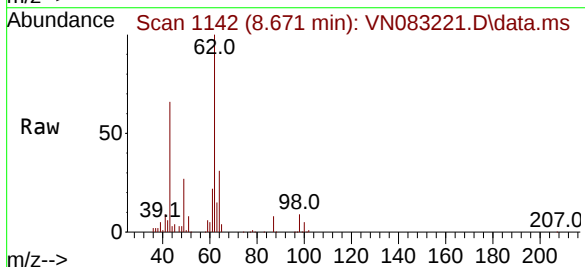


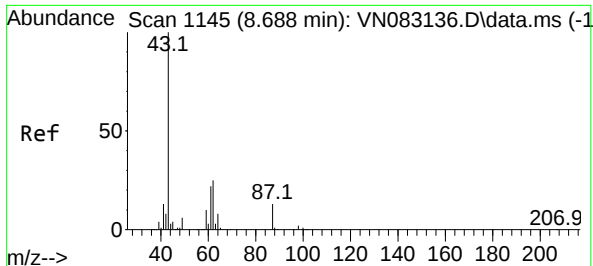
Tgt Ion:	41	Resp:	84367
Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.5	68.3
67	69.6	50.5	75.7
52	30.5	24.0	36.0



#42
1,2-Dichloroethane
Concen: 50.340 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion:	62	Resp:	157196
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	15.8





#43

Isopropyl Acetate

Concen: 47.306 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

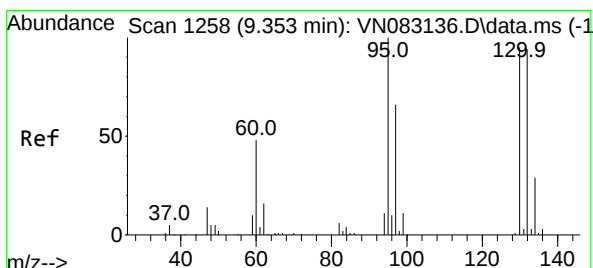
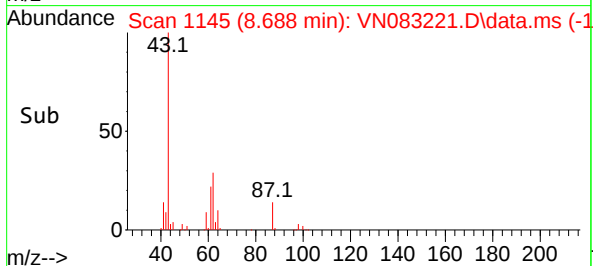
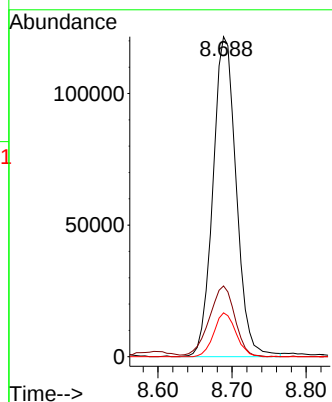
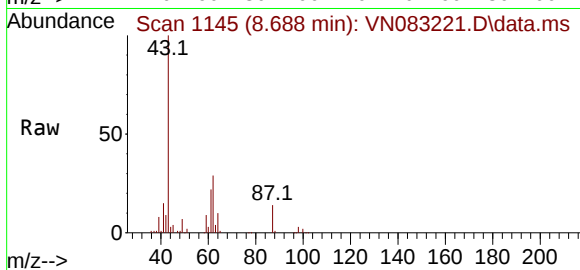
Tgt Ion: 43 Resp: 265326

Ion Ratio Lower Upper

43 100

61 24.5 17.8 26.6

87 13.0 8.2 12.2#



#44

Trichloroethene

Concen: 46.393 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN083221.D

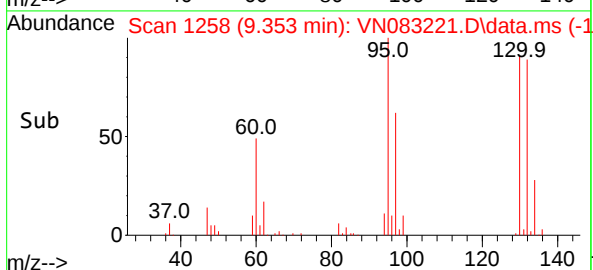
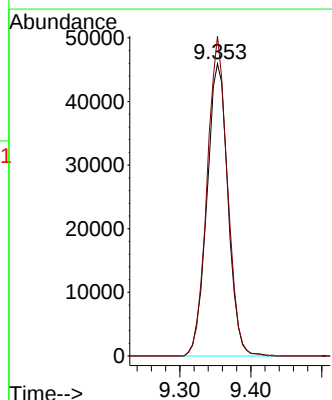
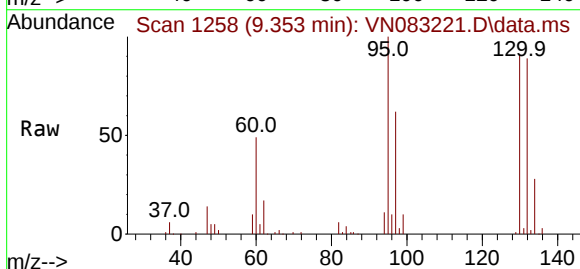
Acq: 10 Aug 2024 20:36

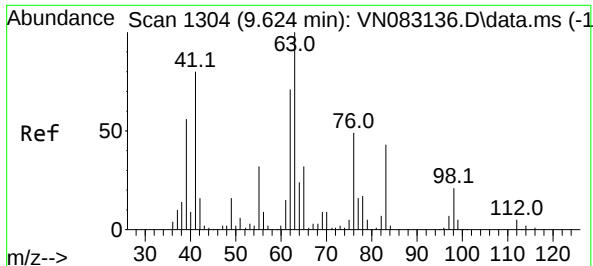
Tgt Ion:130 Resp: 94660

Ion Ratio Lower Upper

130 100

95 109.5 0.0 197.8





#45

1,2-Dichloropropane

Concen: 47.997 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

Instrument :

MSVOA_N

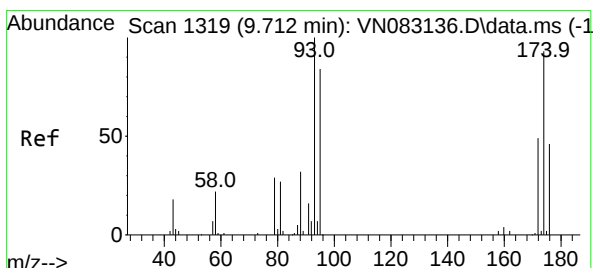
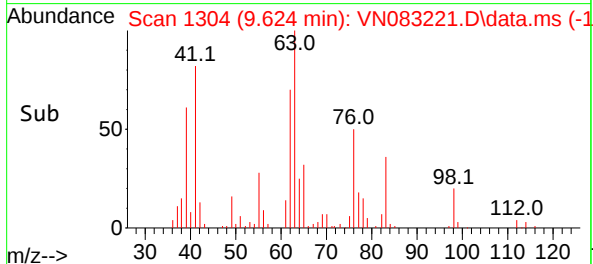
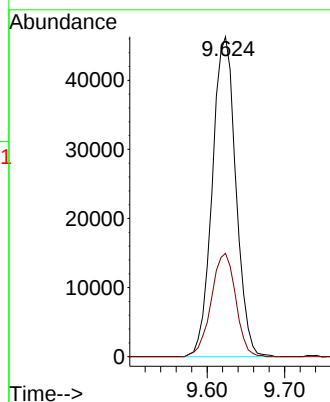
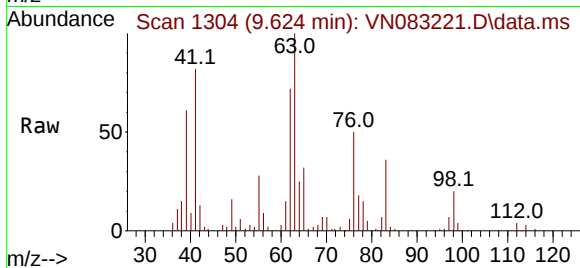
ClientSampleId :

Tgt Ion: 63 Resp: 97664

Ion Ratio Lower Upper

63 100

65 32.3 24.4 36.6



#46

Dibromomethane

Concen: 49.635 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

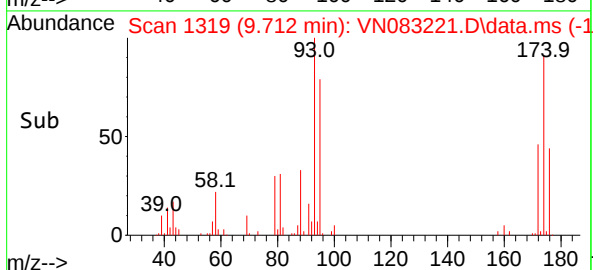
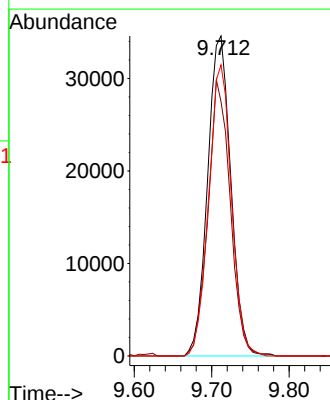
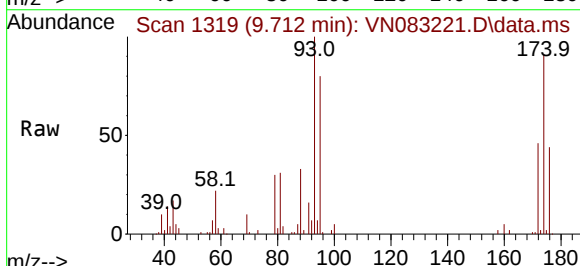
Tgt Ion: 93 Resp: 72292

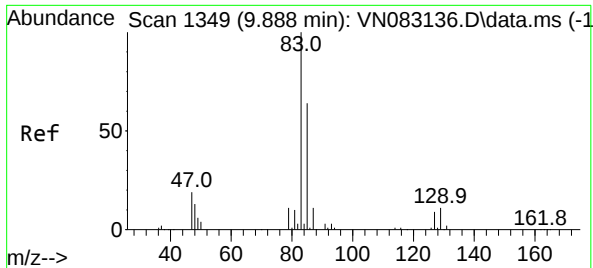
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.6

174 88.9 71.7 107.5

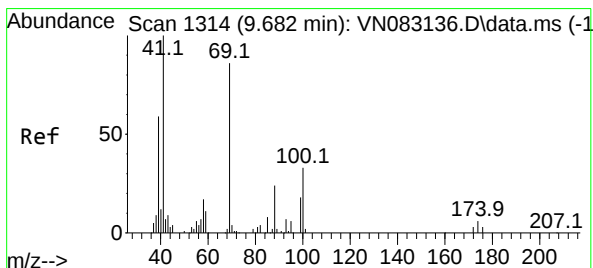
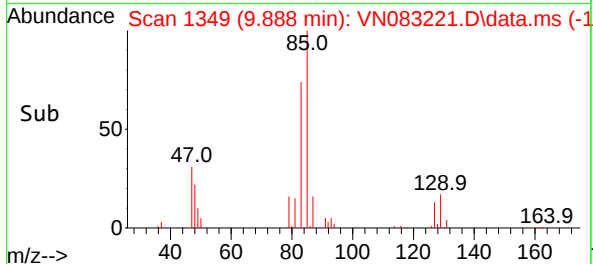
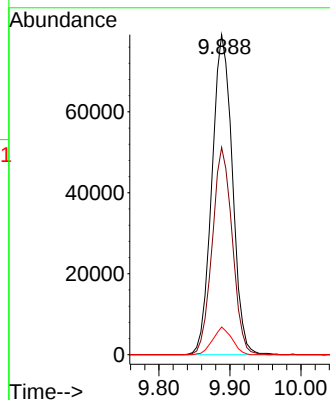
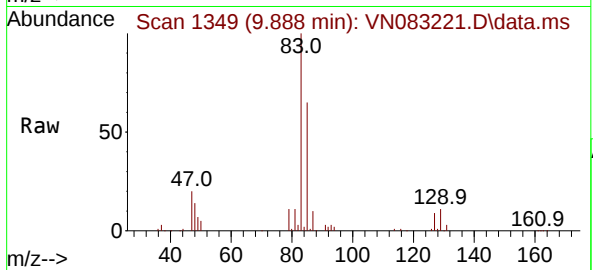




#47
Bromodichloromethane
Concen: 48.251 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

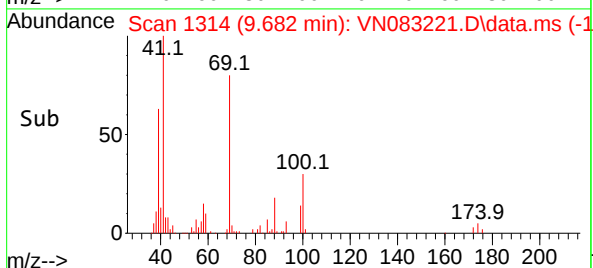
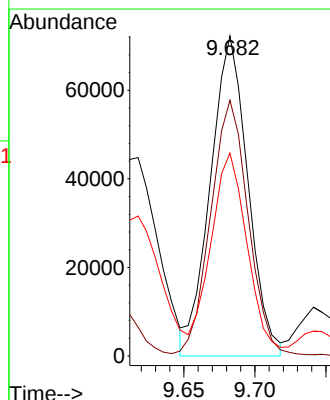
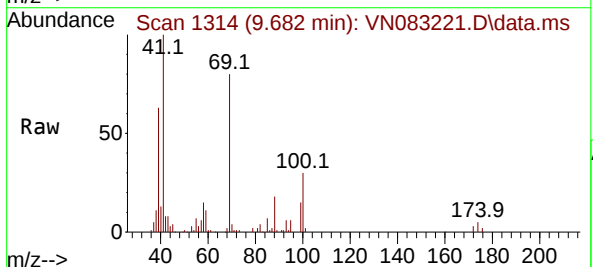
Instrument :
MSVOA_N
ClientSampleId :

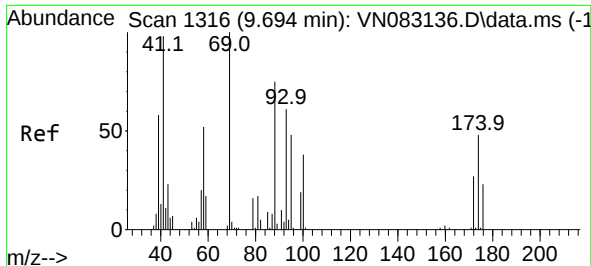
Tgt Ion: 83 Resp: 157792
Ion Ratio Lower Upper
83 100
85 64.7 51.1 76.7
127 8.6 7.2 10.8



#48
Methyl methacrylate
Concen: 49.874 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion: 41 Resp: 132846
Ion Ratio Lower Upper
41 100
69 80.6 56.3 84.5
39 61.8 50.3 75.5





#49

1,4-Dioxane

Concen: 937.588 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083221.D

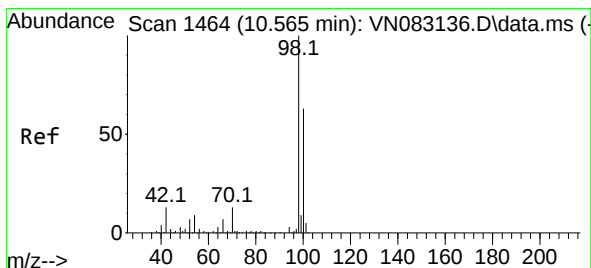
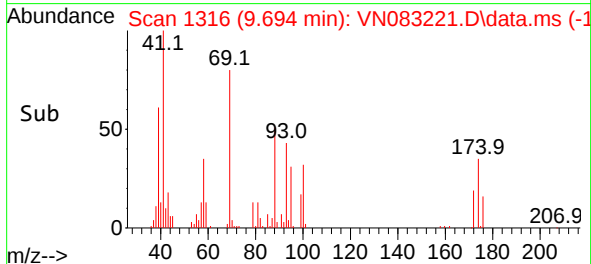
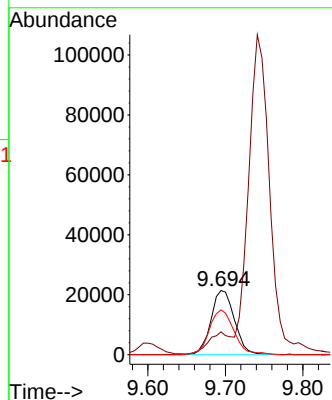
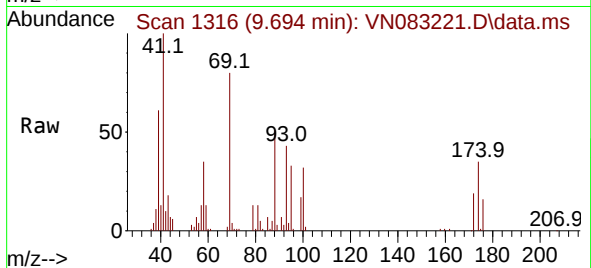
Acq: 10 Aug 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	88	Resp:	45056
Ion Ratio	Lower	Upper	
88	100		
43	30.3	27.8	41.8
58	73.4	59.4	89.0



#50

Toluene-d8

Concen: 55.523 ug/l

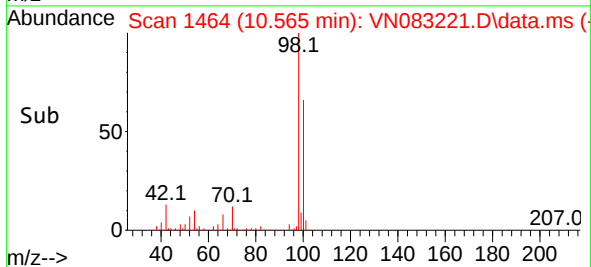
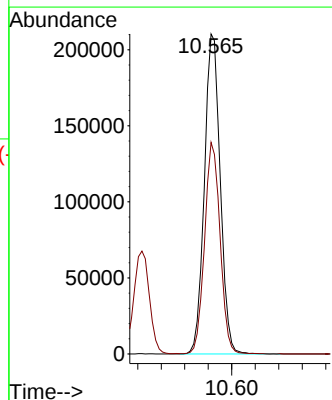
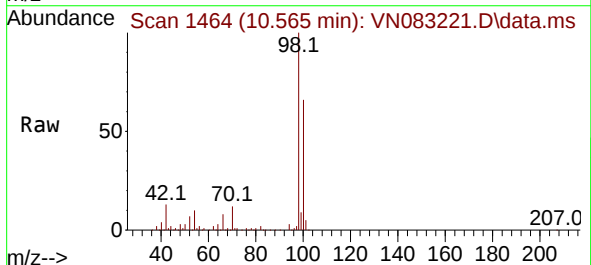
RT: 10.565 min Scan# 1464

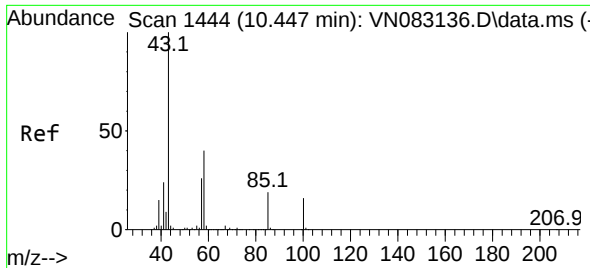
Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

Tgt Ion:	98	Resp:	393978
Ion Ratio	Lower	Upper	
98	100		
100	64.8	51.5	77.3

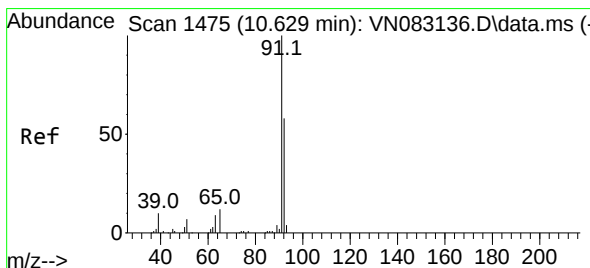
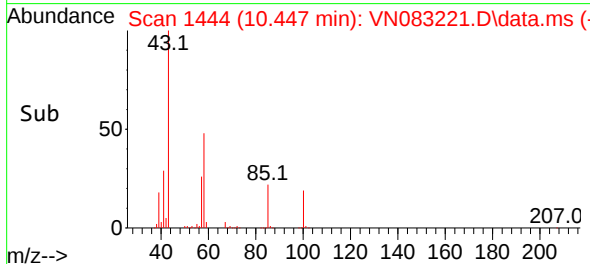
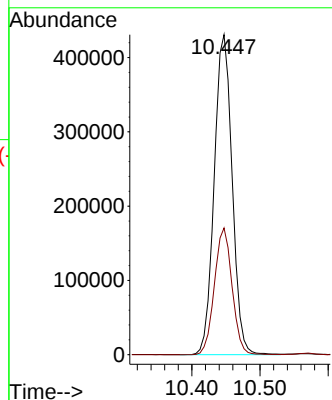
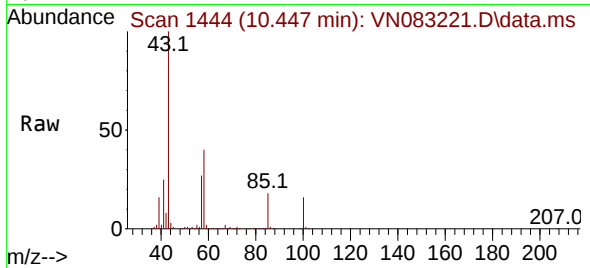




#51
4-Methyl-2-Pentanone
Concen: 259.315 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

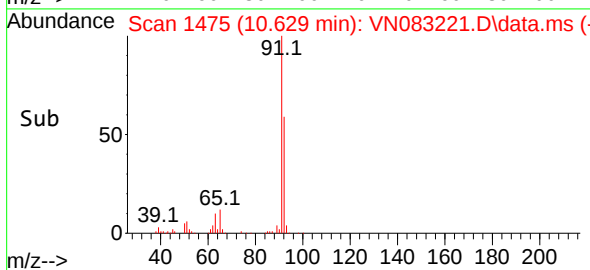
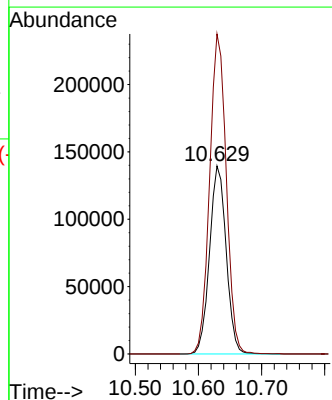
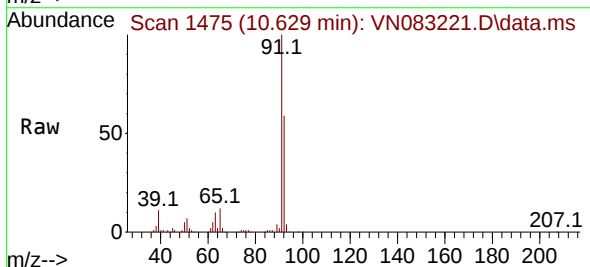
Instrument :
MSVOA_N
ClientSampleId :

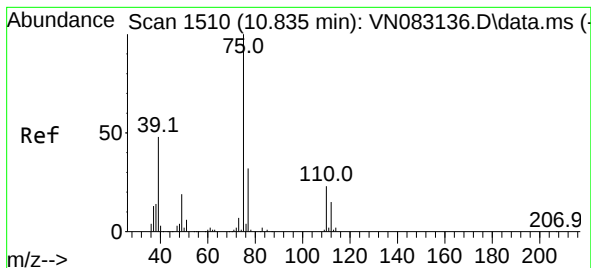
Tgt Ion: 43 Resp: 790058
Ion Ratio Lower Upper
43 100
58 38.9 28.2 42.4



#52
Toluene
Concen: 47.082 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion: 92 Resp: 255006
Ion Ratio Lower Upper
92 100
91 170.4 139.4 209.0

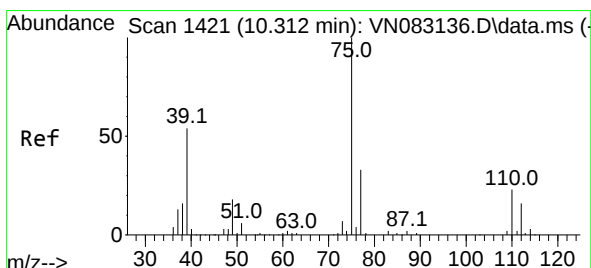
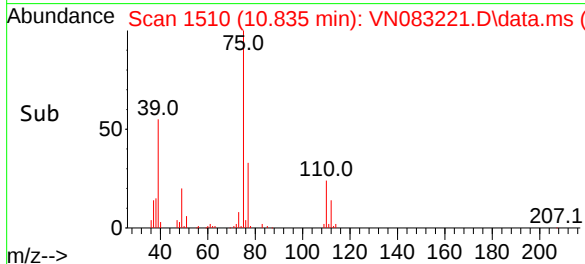
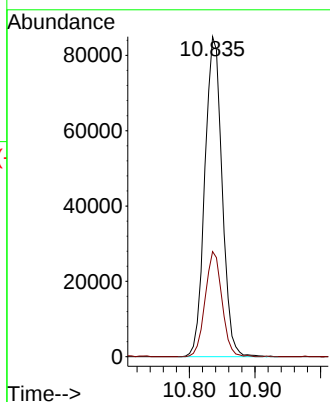
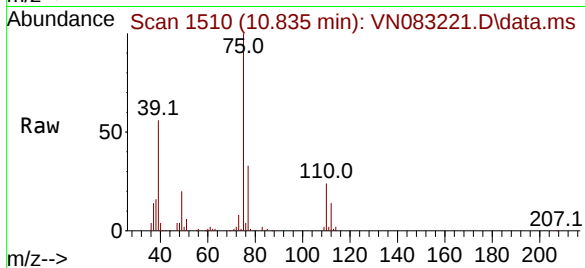




#53
t-1,3-Dichloropropene
Concen: 46.328 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

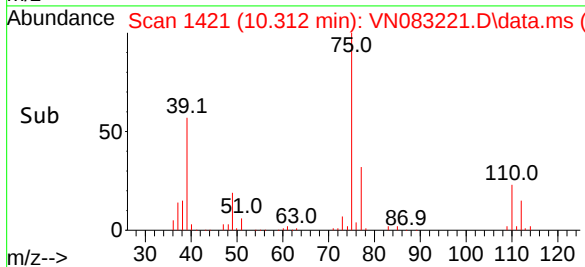
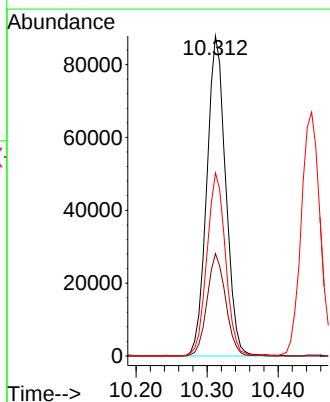
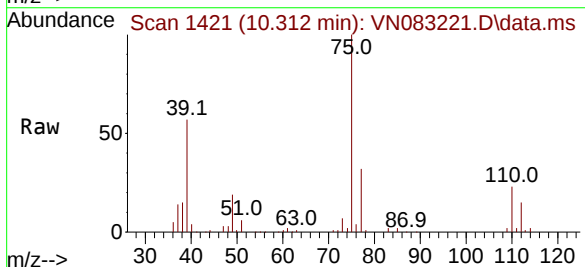
Instrument :
MSVOA_N
ClientSampleId :

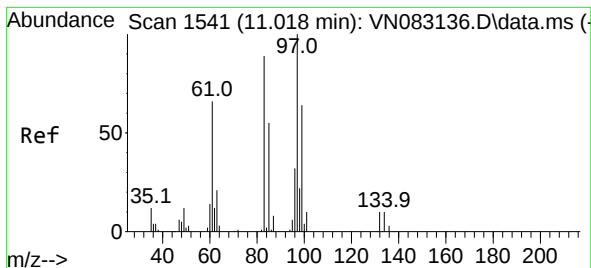
Tgt Ion: 75 Resp: 155628
Ion Ratio Lower Upper
75 100
77 32.9 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 45.432 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion: 75 Resp: 162330
Ion Ratio Lower Upper
75 100
77 31.9 24.3 36.5
39 57.2 50.5 75.7

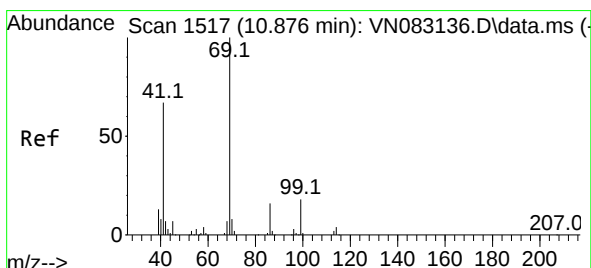
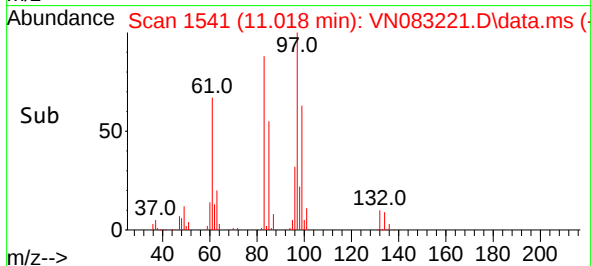
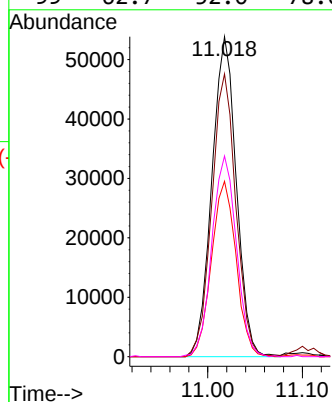
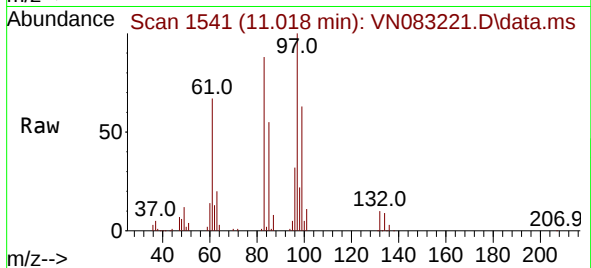




#55
1,1,2-Trichloroethane
Concen: 49.838 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

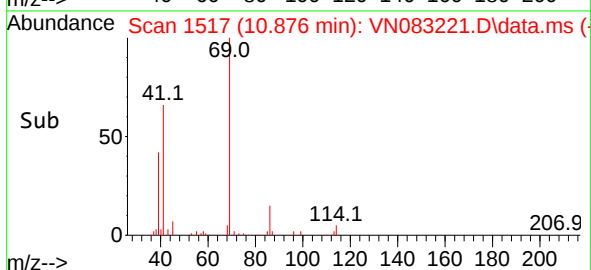
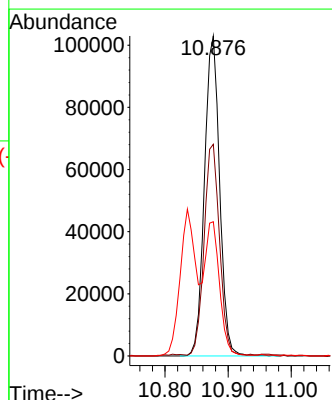
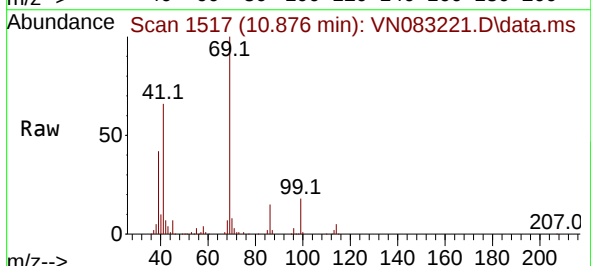
Instrument :
MSVOA_N
ClientSampleId :

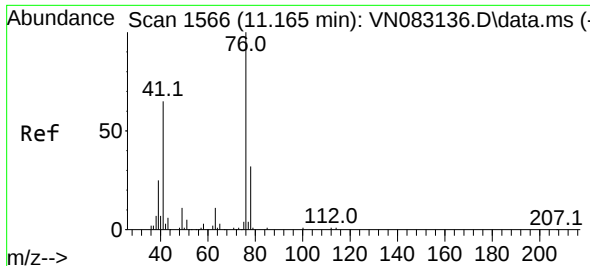
Tgt Ion:	97	Resp:	96736
Ion	Ratio	Lower	Upper
97	100		
83	88.4	71.4	107.0
85	54.8	45.8	68.6
99	62.7	52.0	78.0



#56
Ethyl methacrylate
Concen: 46.951 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion:	69	Resp:	171801
Ion	Ratio	Lower	Upper
69	100		
41	66.8	63.4	95.2
39	42.6	37.4	56.0





#57

1,3-Dichloropropane

Concen: 49.199 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

Instrument :

MSVOA_N

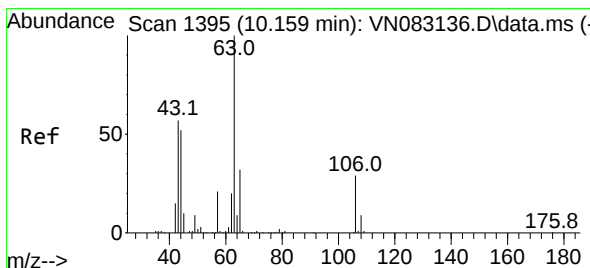
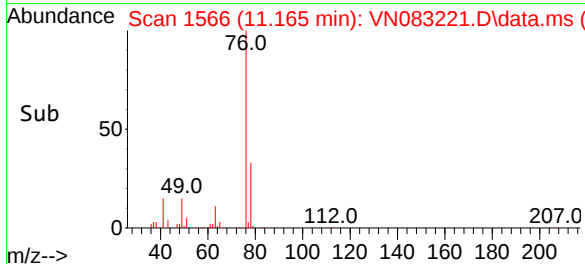
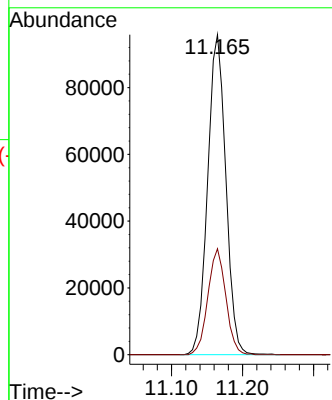
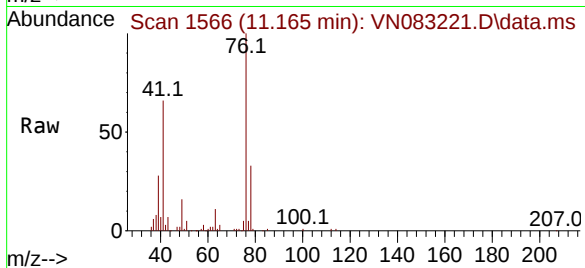
ClientSampleId :

Tgt Ion: 76 Resp: 170214

Ion Ratio Lower Upper

76 100

78 32.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 236.088 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083221.D

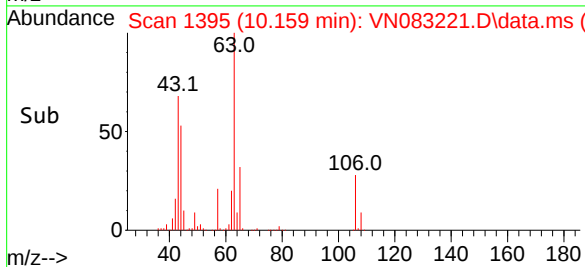
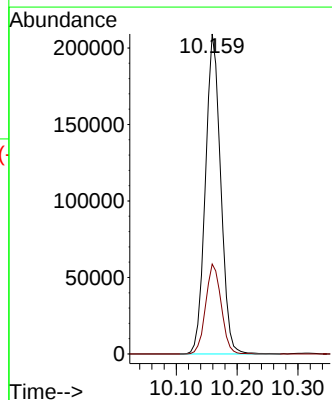
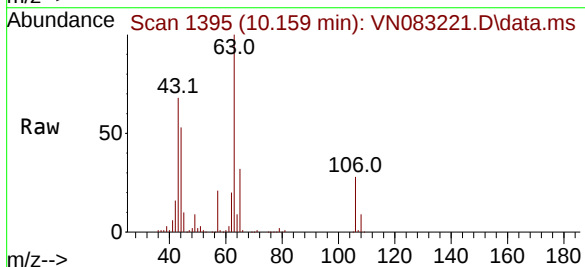
Acq: 10 Aug 2024 20:36

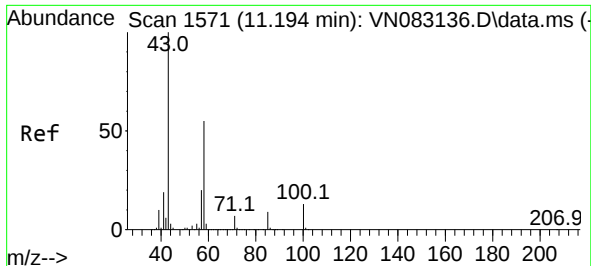
Tgt Ion: 63 Resp: 365166

Ion Ratio Lower Upper

63 100

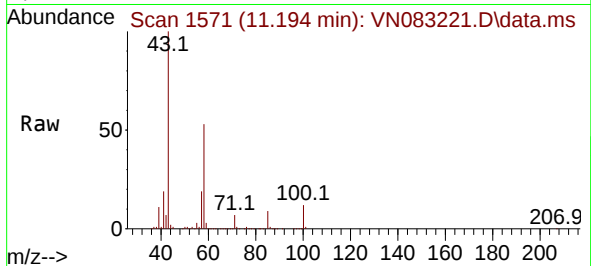
106 28.5 21.4 32.0



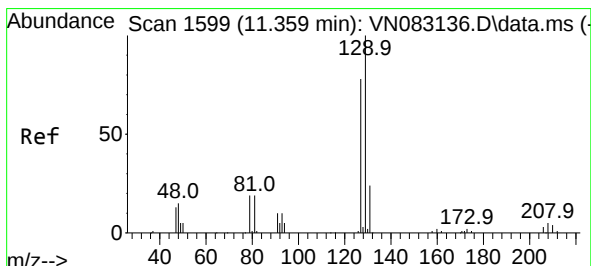
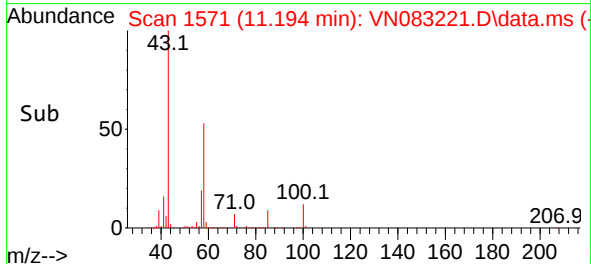
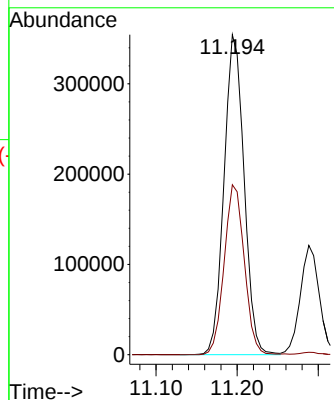


#59
2-Hexanone
Concen: 258.290 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Instrument :
MSVOA_N
ClientSampleId :

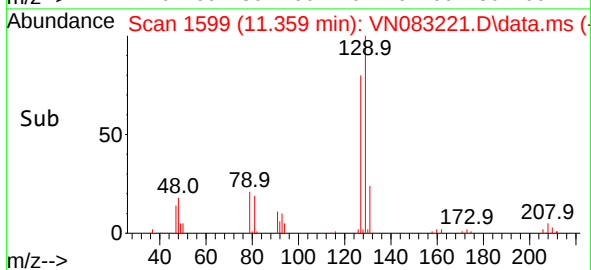
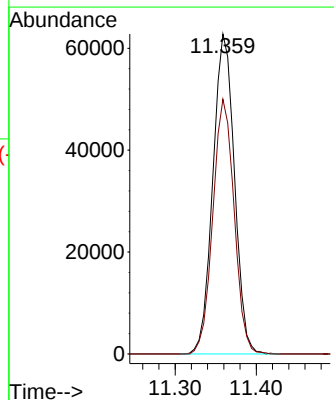
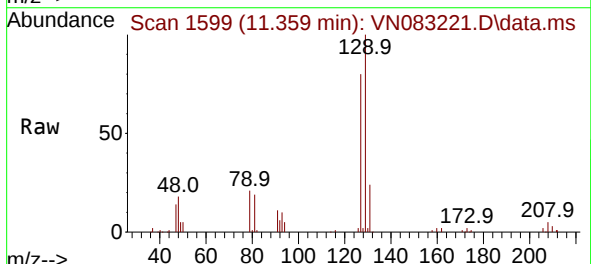


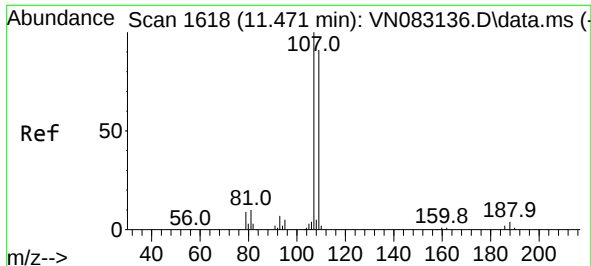
Tgt Ion: 43 Resp: 608804
Ion Ratio Lower Upper
43 100
58 53.3 24.6 73.8



#60
Dibromochloromethane
Concen: 49.381 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion: 129 Resp: 115886
Ion Ratio Lower Upper
129 100
127 78.7 39.2 117.6

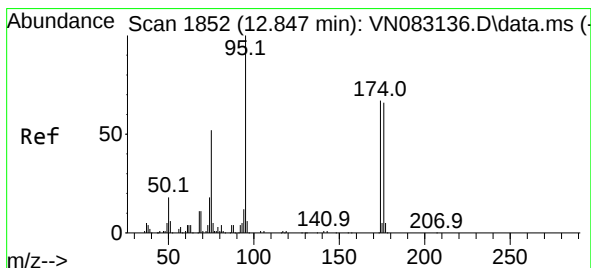
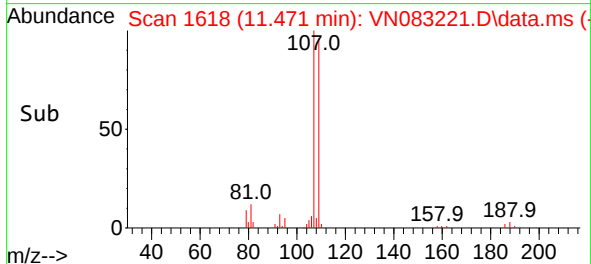
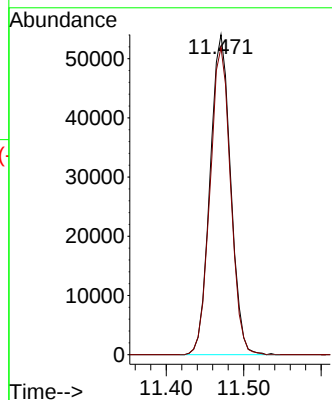
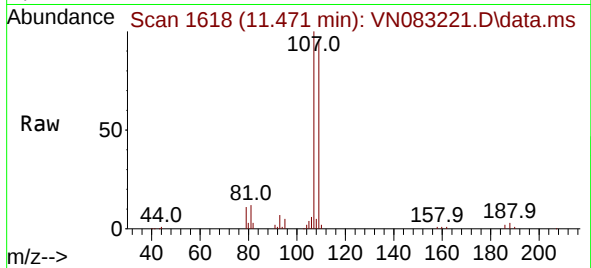




#61
1,2-Dibromoethane
Concen: 48.985 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

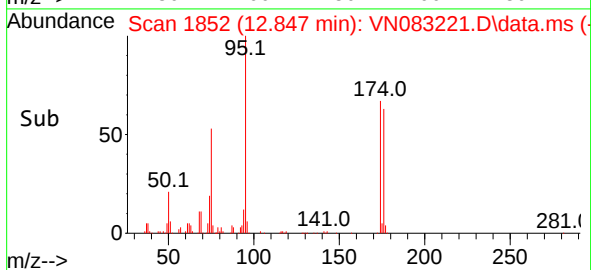
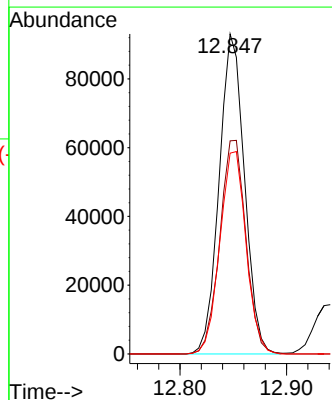
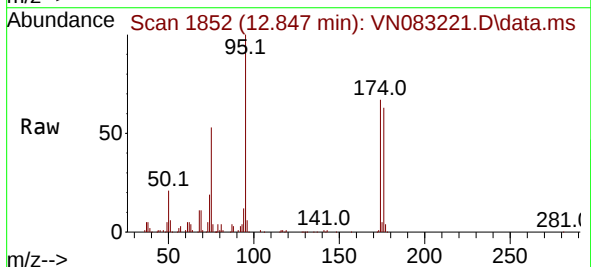
Instrument :
MSVOA_N
ClientSampleId :

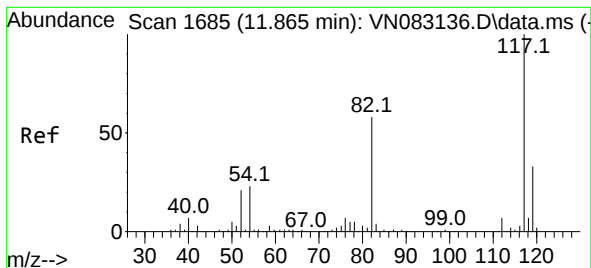
Tgt Ion:107 Resp: 99882
Ion Ratio Lower Upper
107 100
109 95.5 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 55.457 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion: 95 Resp: 153413
Ion Ratio Lower Upper
95 100
174 68.9 0.0 159.2
176 65.6 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

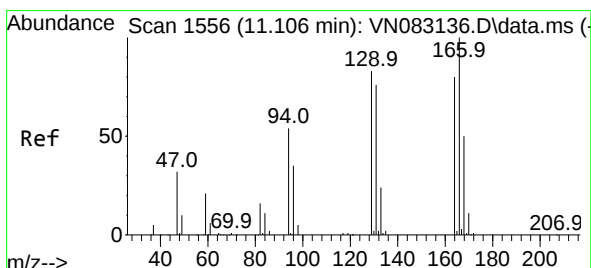
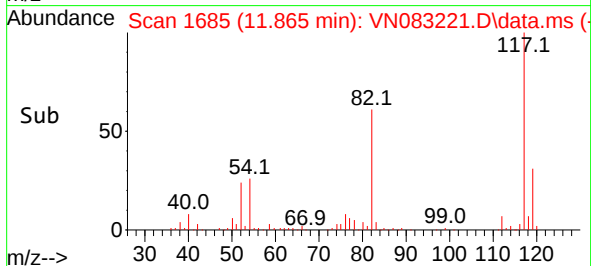
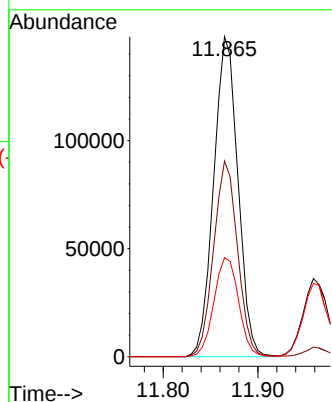
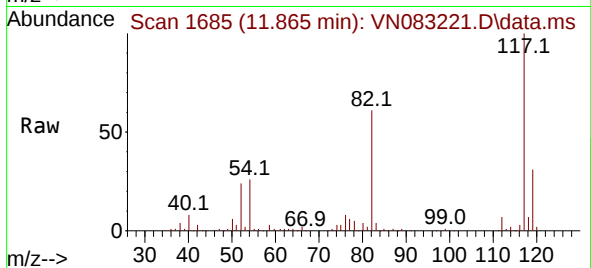
Tgt Ion:117 Resp: 263287

Ion Ratio Lower Upper

117 100

82 61.1 47.5 71.3

119 31.0 25.6 38.4



#64

Tetrachloroethene

Concen: 60.189 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

Tgt Ion:164 Resp: 104951

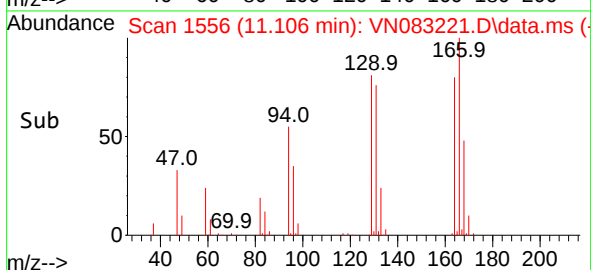
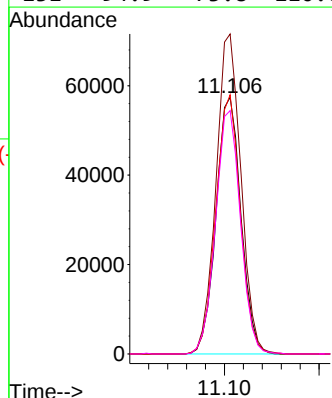
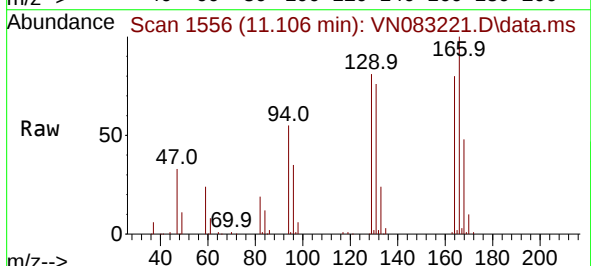
Ion Ratio Lower Upper

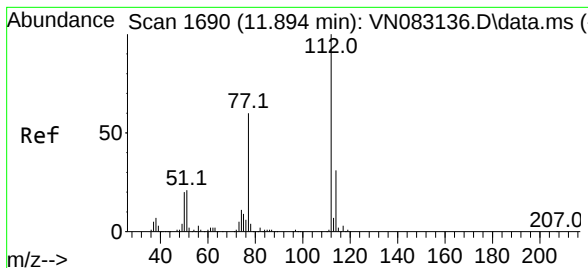
164 100

166 124.7 101.4 152.0

129 101.0 75.7 113.5

131 94.9 73.8 110.6

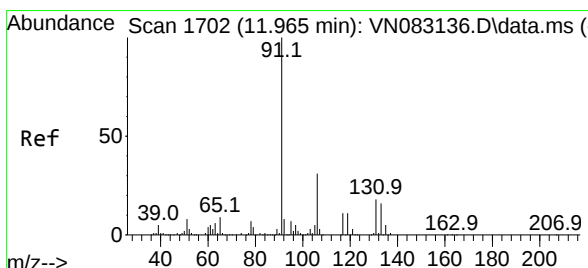
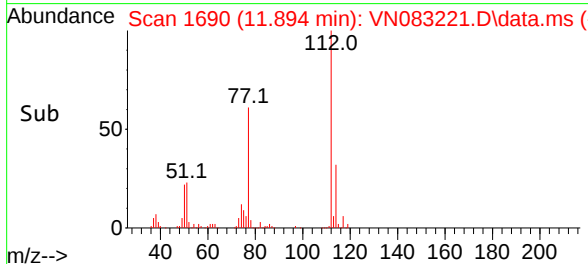
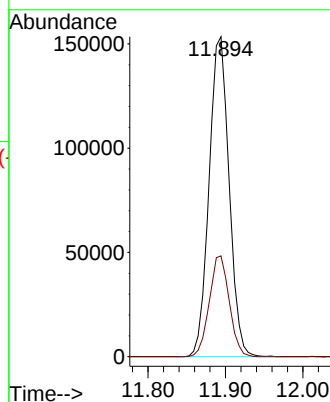
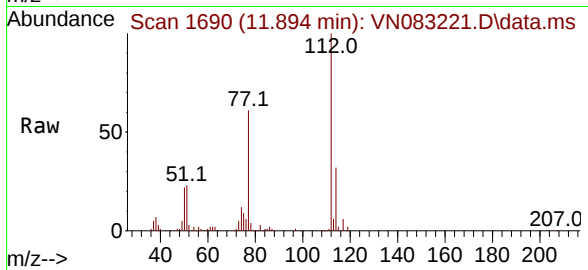




#65
Chlorobenzene
Concen: 47.250 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

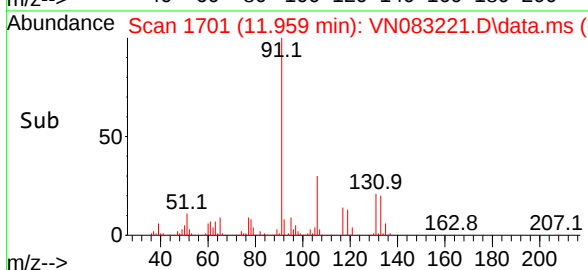
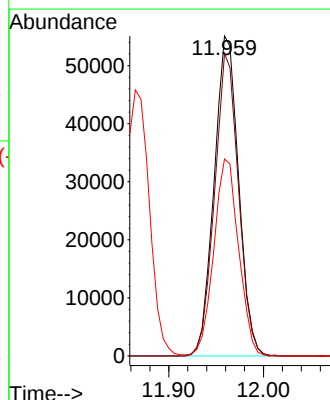
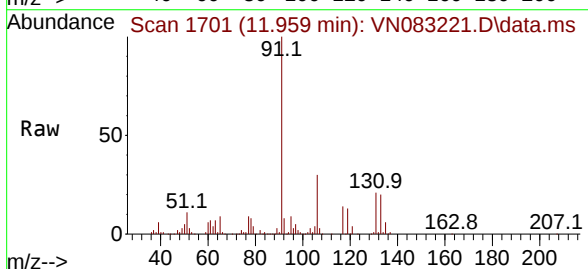
Instrument :
MSVOA_N
ClientSampleId :

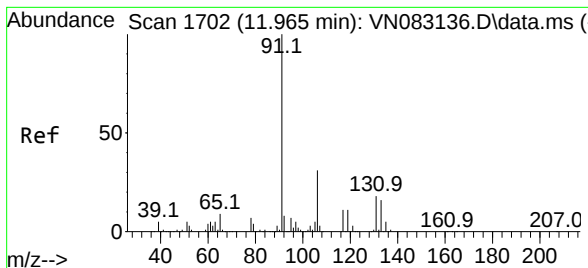
Tgt Ion:112 Resp: 274916
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.197 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion:131 Resp: 98901
Ion Ratio Lower Upper
131 100
133 92.6 47.3 142.0
119 62.6 32.5 97.4





#67

Ethyl Benzene

Concen: 46.166 ug/l

RT: 11.965 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

Instrument :

MSVOA_N

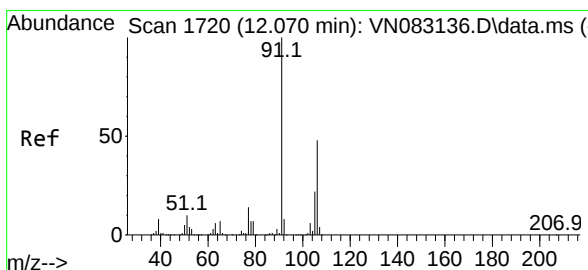
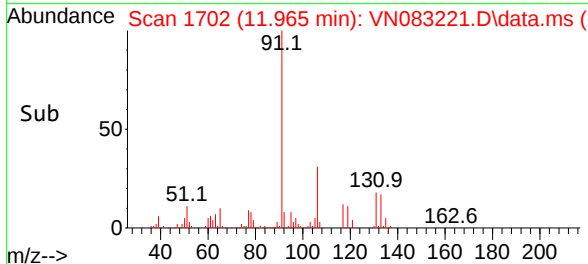
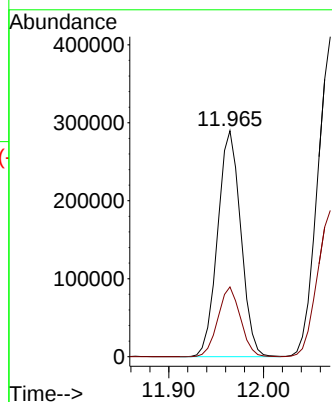
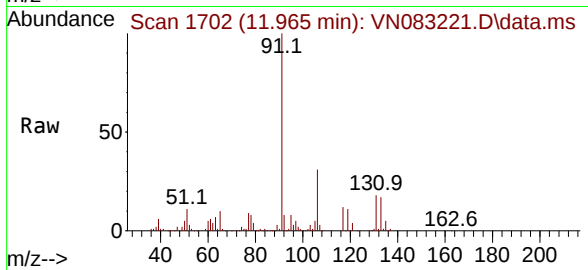
ClientSampleId :

Tgt Ion: 91 Resp: 492755

Ion Ratio Lower Upper

91 100

106 30.9 24.0 36.0



#68

m/p-Xylenes

Concen: 92.000 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN083221.D

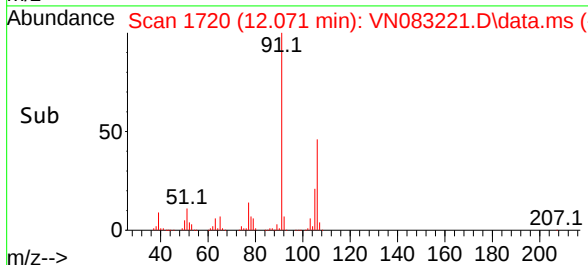
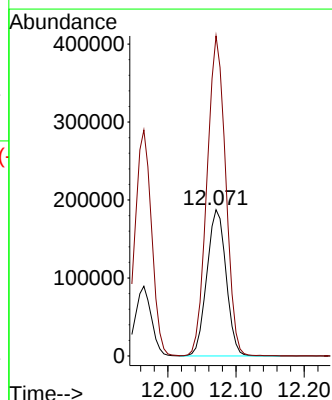
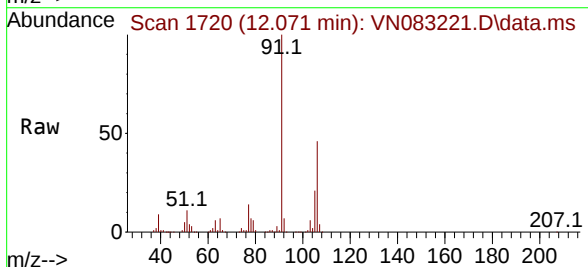
Acq: 10 Aug 2024 20:36

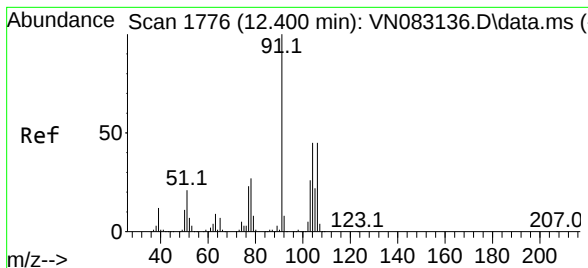
Tgt Ion:106 Resp: 367836

Ion Ratio Lower Upper

106 100

91 212.8 166.1 249.1

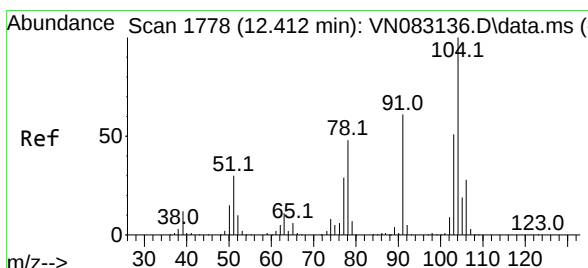
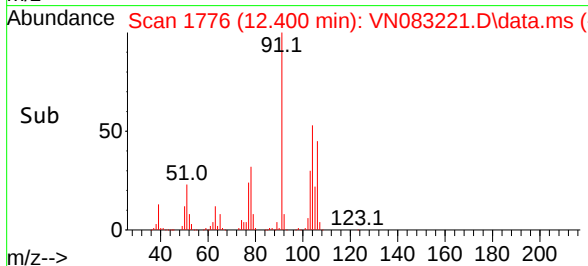
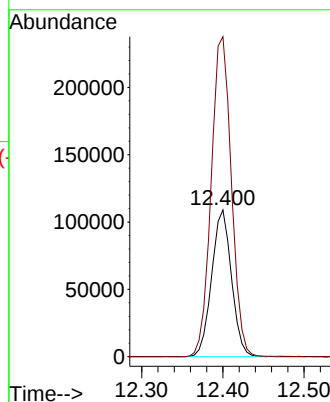
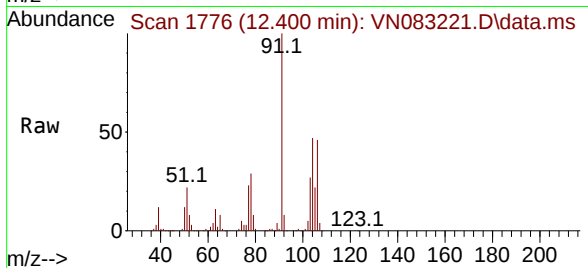




#69
o-Xylene
Concen: 46.758 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

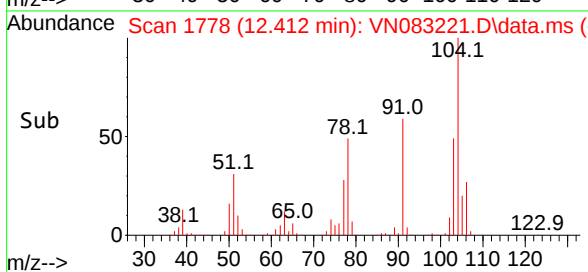
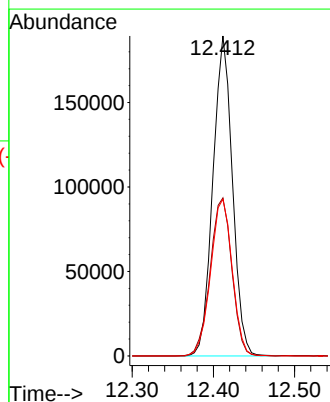
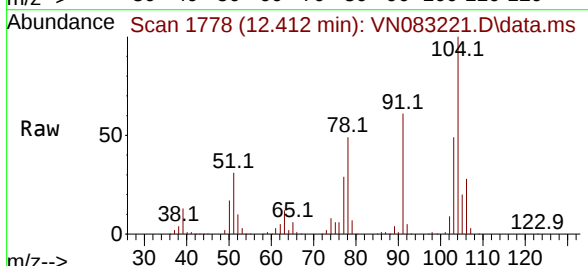
Instrument :
MSVOA_N
ClientSampleId :

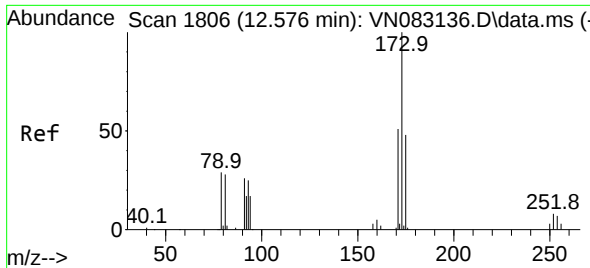
Tgt Ion:106 Resp: 184383
Ion Ratio Lower Upper
106 100
91 222.5 111.3 333.9



#70
Styrene
Concen: 47.734 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion:104 Resp: 316146
Ion Ratio Lower Upper
104 100
78 54.9 41.6 62.4
103 54.1 44.0 66.0

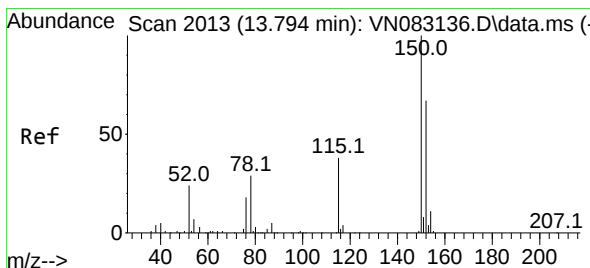
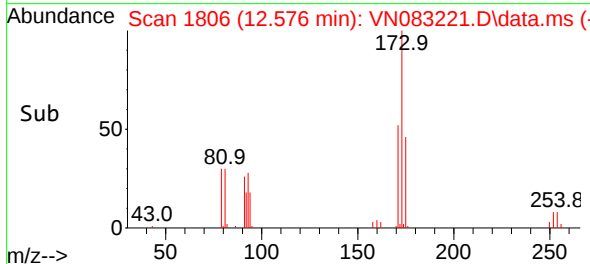
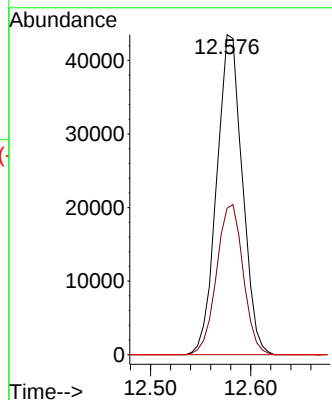
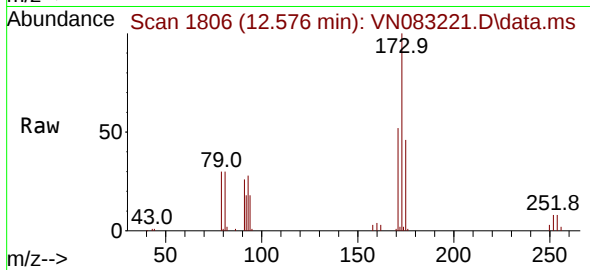




#71
Bromoform
Concen: 49.782 ug/l
RT: 12.576 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

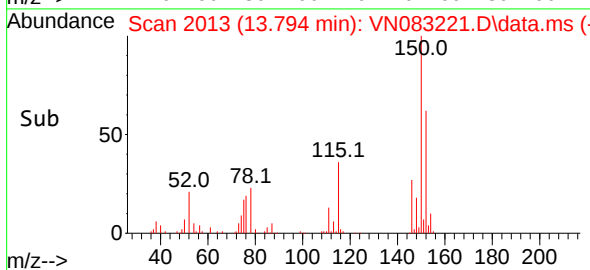
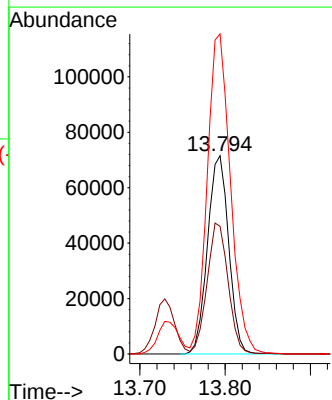
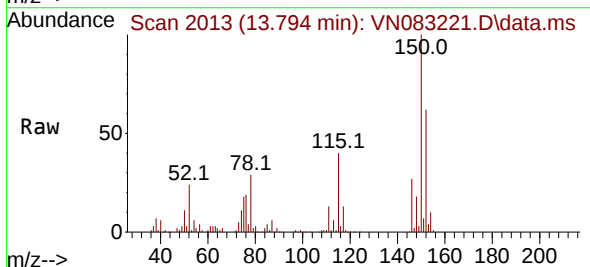
Instrument :
MSVOA_N
ClientSampleId :

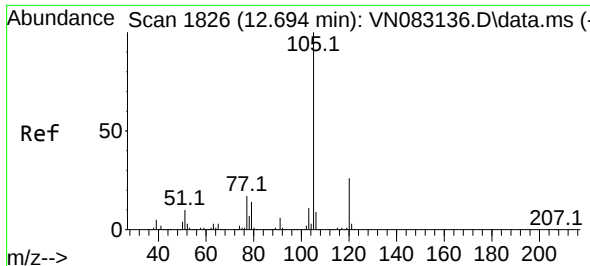
Tgt Ion:173 Resp: 77388
Ion Ratio Lower Upper
173 100
175 48.6 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion:152 Resp: 123438
Ion Ratio Lower Upper
152 100
115 65.0 30.6 91.6
150 176.7 0.0 348.6

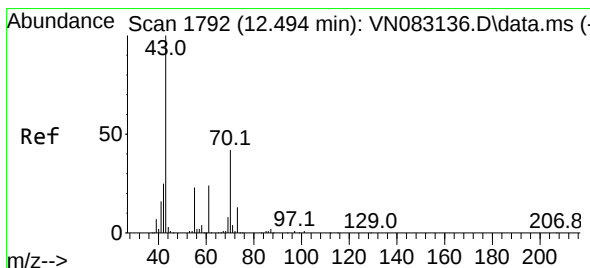
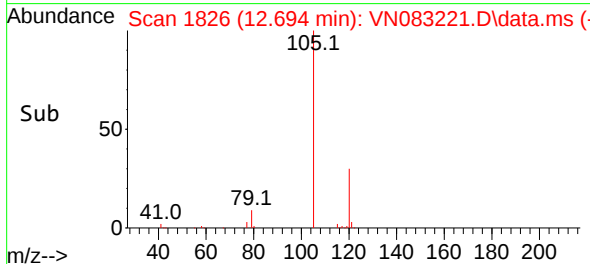
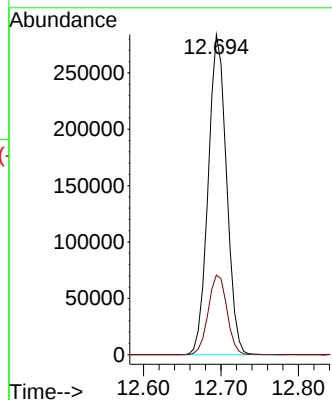
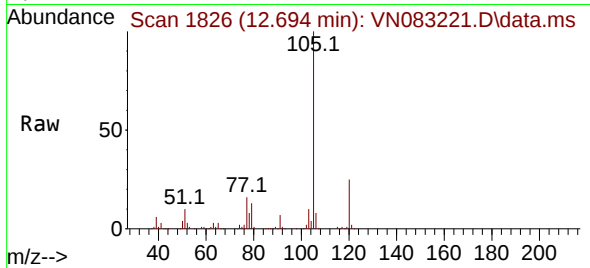




#73
Isopropylbenzene
Concen: 45.137 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

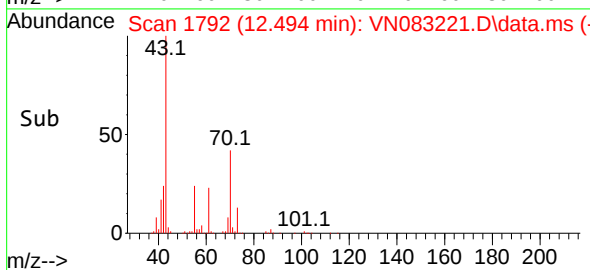
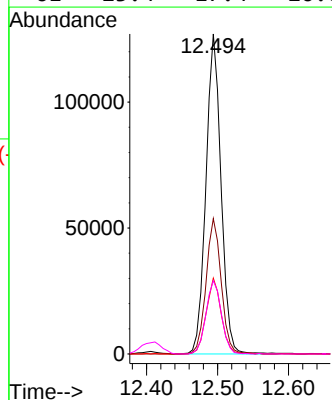
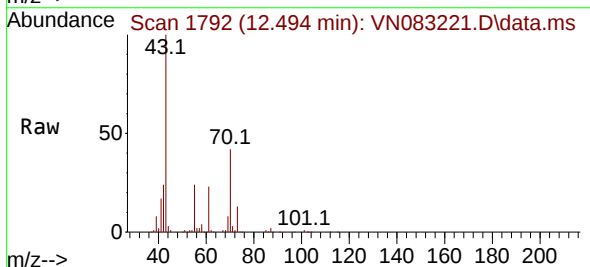
Instrument :
MSVOA_N
ClientSampleId :

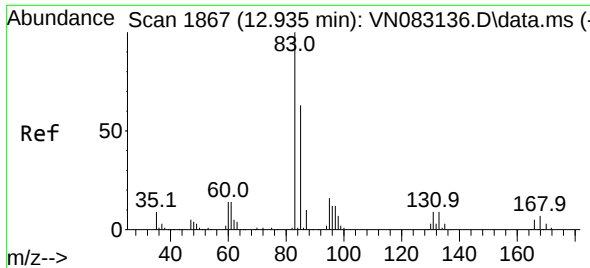
Tgt Ion:105 Resp: 466028
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6



#74
N-ethyl acetate
Concen: 37.248 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion: 43 Resp: 188112
Ion Ratio Lower Upper
43 100
70 42.5 29.8 44.6
55 23.7 18.7 28.1
61 23.4 17.4 26.0

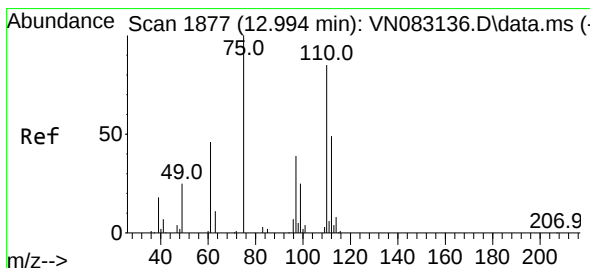
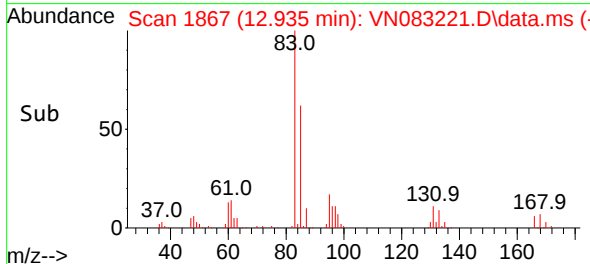
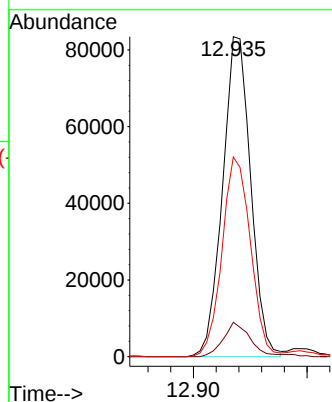
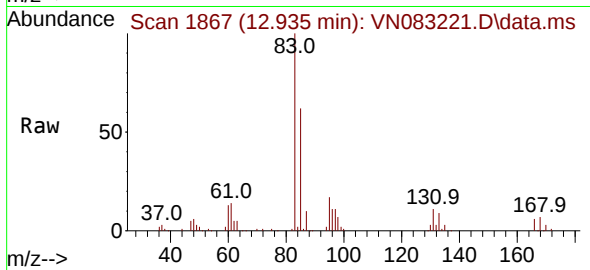




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.126 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN083221.D
 Acq: 10 Aug 2024 20:36

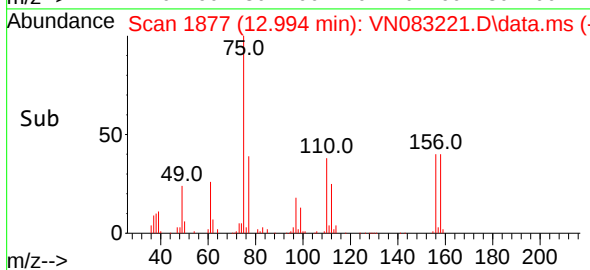
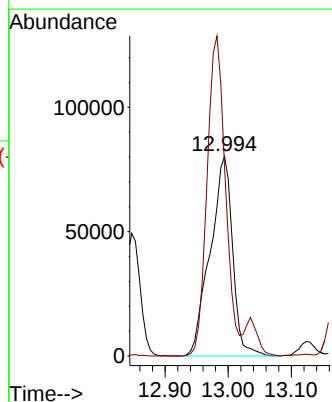
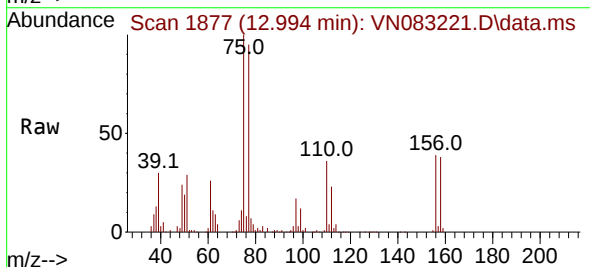
Instrument :
 MSVOA_N
 ClientSampleId :

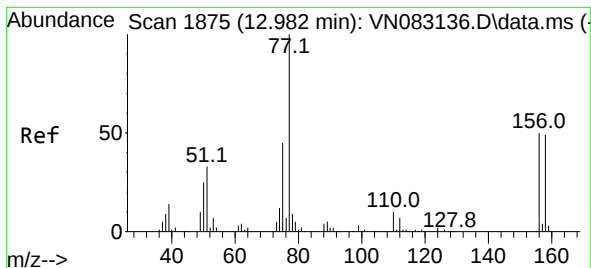
Tgt Ion: 83 Resp: 143456
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.0 14.9
 85 63.0 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 73.193 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN083221.D
 Acq: 10 Aug 2024 20:36

Tgt Ion: 75 Resp: 198292
 Ion Ratio Lower Upper
 75 100
 77 130.3 110.9 332.6





#77

Bromobenzene

Concen: 47.594 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

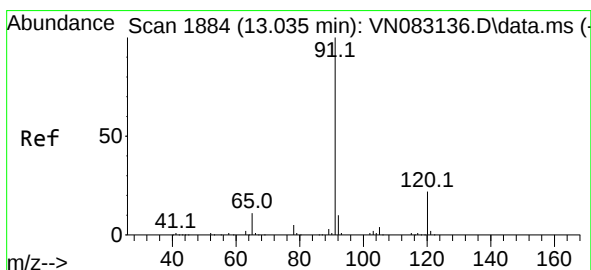
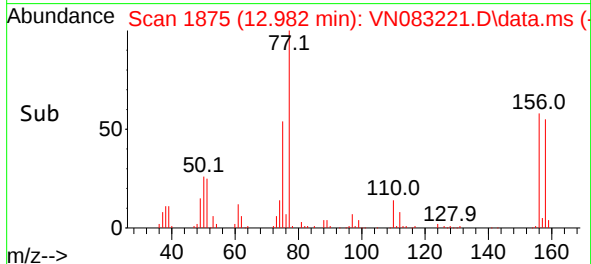
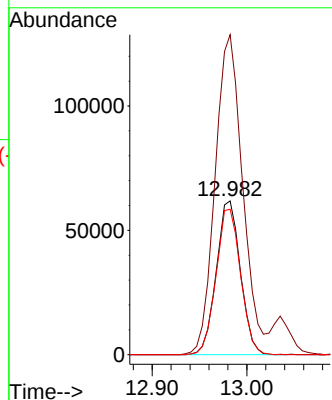
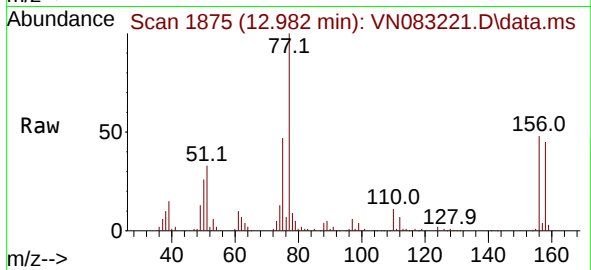
Tgt Ion:156 Resp: 109159

Ion Ratio Lower Upper

156 100

77 236.7 111.3 333.8

158 96.5 48.3 144.9



#78

n-propylbenzene

Concen: 45.911 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083221.D

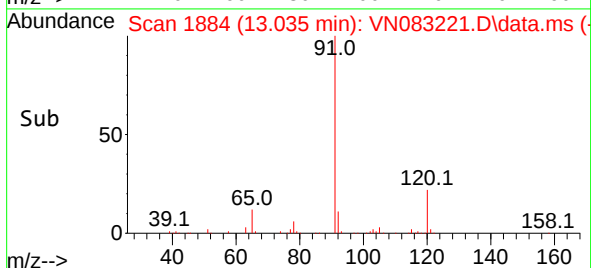
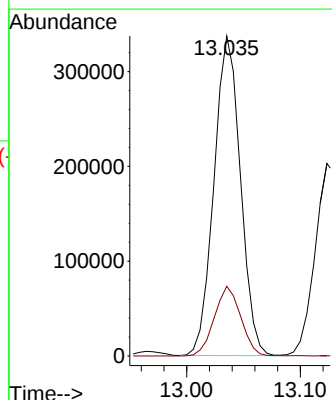
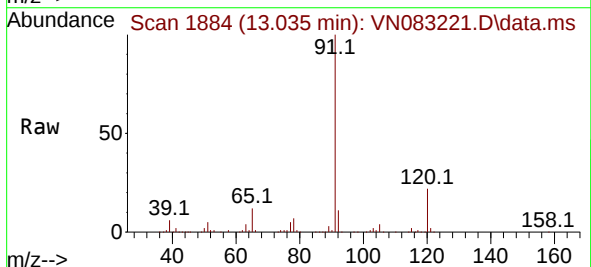
Acq: 10 Aug 2024 20:36

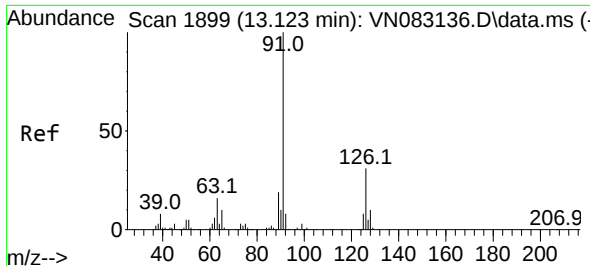
Tgt Ion: 91 Resp: 545820

Ion Ratio Lower Upper

91 100

120 21.7 10.9 32.9

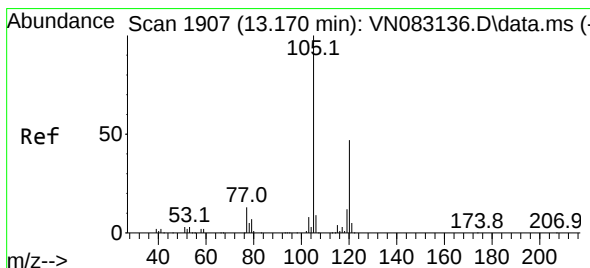
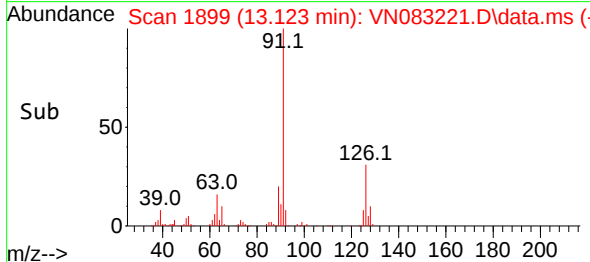
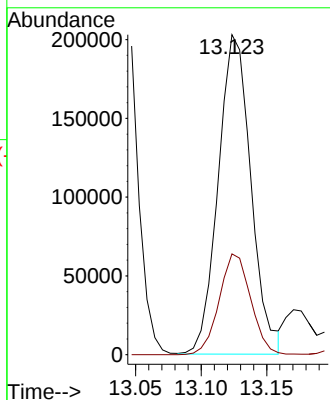
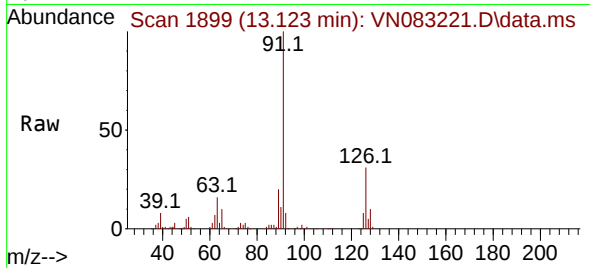




#79
2-Chlorotoluene
Concen: 46.720 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

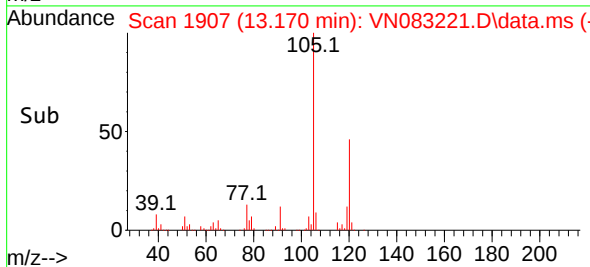
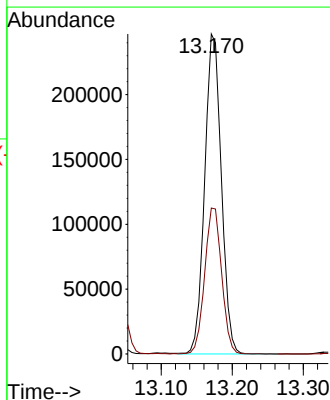
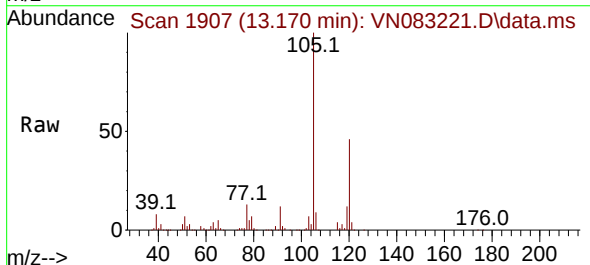
Instrument :
MSVOA_N
ClientSampleId :

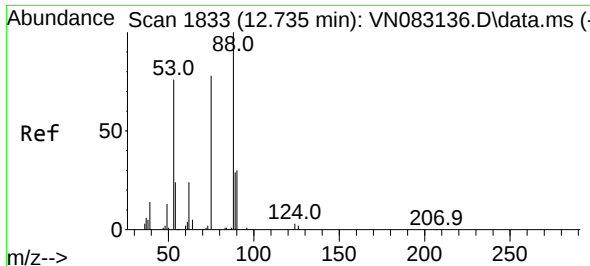
Tgt Ion: 91 Resp: 352142
Ion Ratio Lower Upper
91 100
126 30.5 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 46.700 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

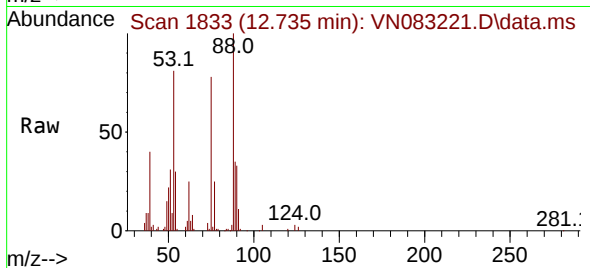
Tgt Ion: 105 Resp: 403670
Ion Ratio Lower Upper
105 100
120 46.4 24.3 72.8



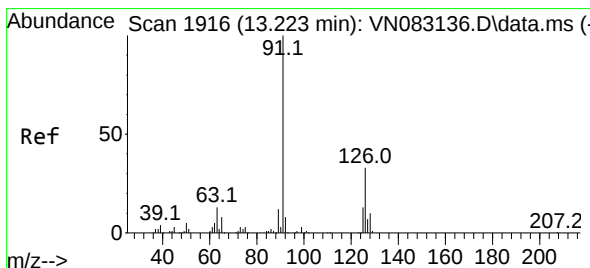
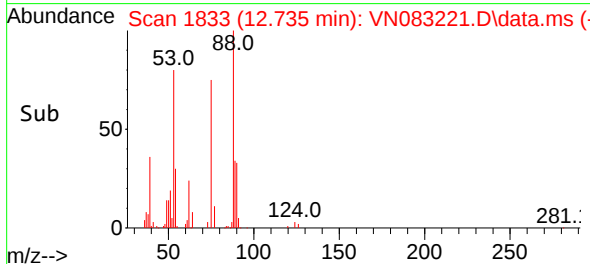
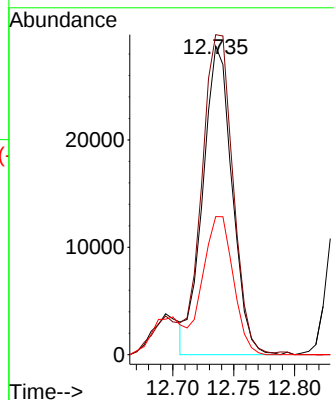


#81
trans-1,4-Dichloro-2-butene
Concen: 38.808 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Instrument :
MSVOA_N
ClientSampleId :

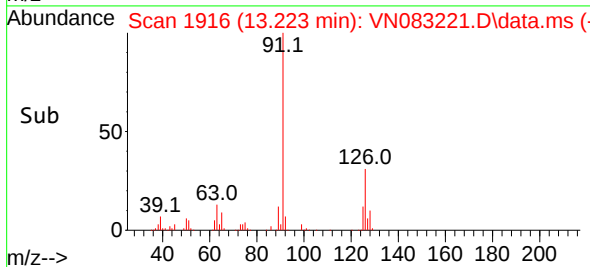
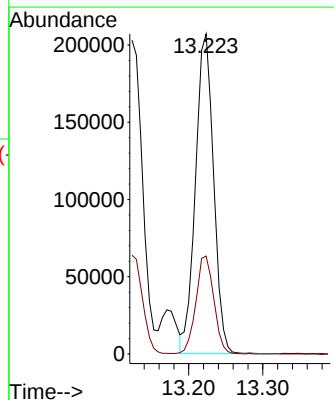
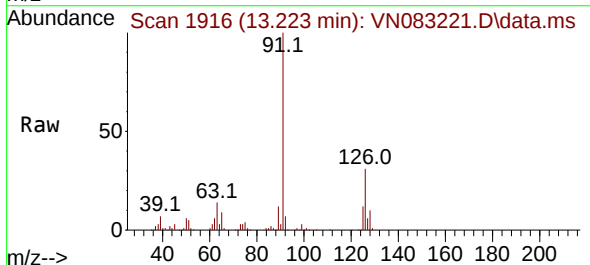


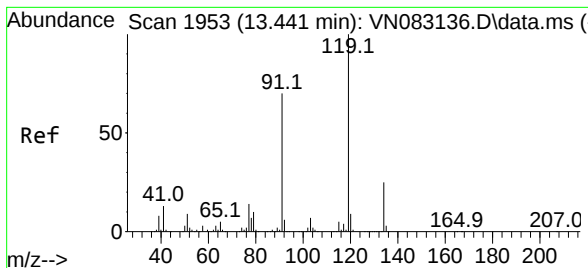
Tgt Ion: 75 Resp: 48334
Ion Ratio Lower Upper
75 100
53 110.0 88.4 132.6
89 46.0 36.3 54.5



#82
4-Chlorotoluene
Concen: 46.409 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion: 91 Resp: 350876
Ion Ratio Lower Upper
91 100
126 30.4 16.2 48.6

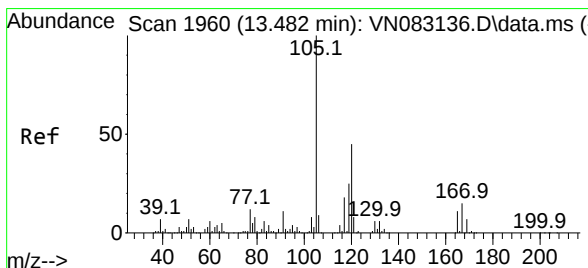
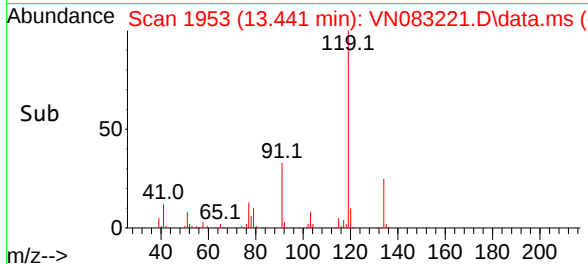
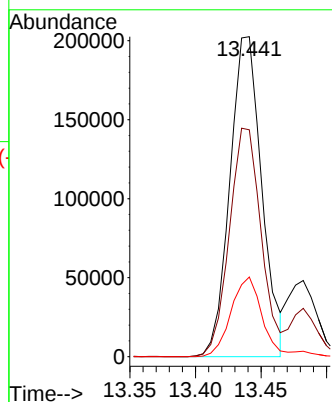
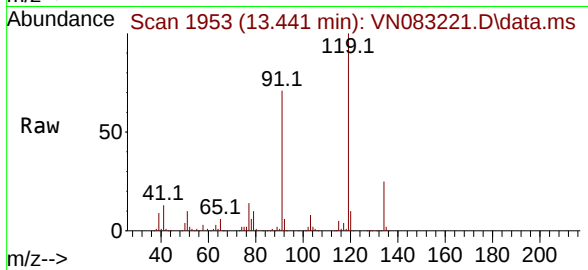




#83
tert-Butylbenzene
Concen: 44.915 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

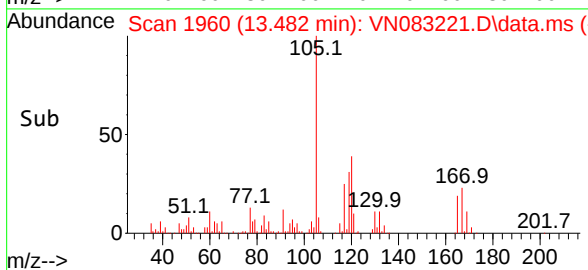
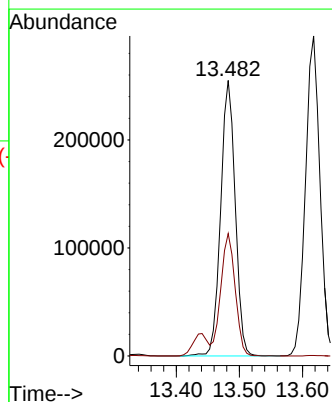
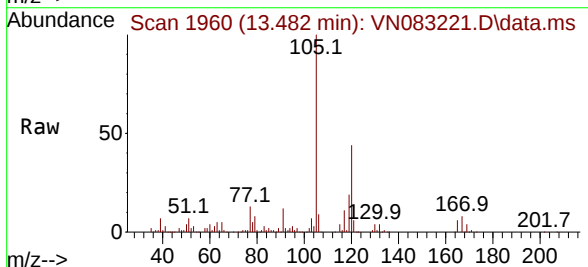
Instrument :
MSVOA_N
ClientSampleId :

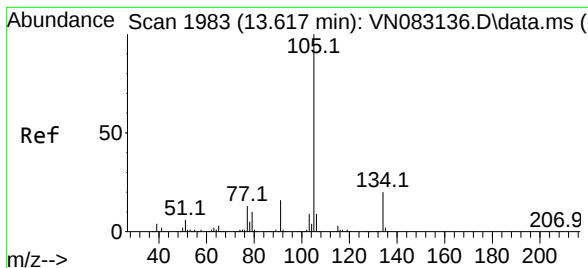
Tgt Ion:119 Resp: 343820
Ion Ratio Lower Upper
119 100
91 71.1 35.0 105.1
134 25.0 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 46.815 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

Tgt Ion:105 Resp: 407808
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.8





#85

sec-Butylbenzene

Concen: 45.051 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

Instrument :

MSVOA_N

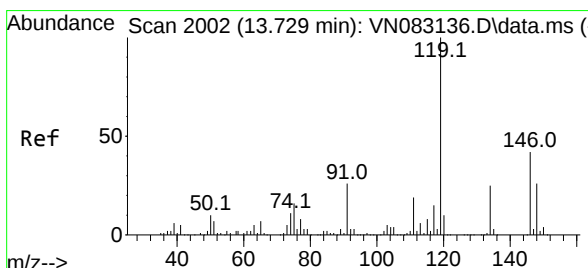
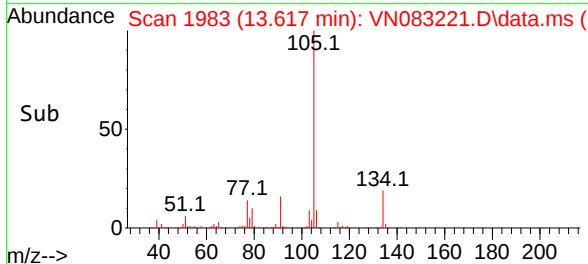
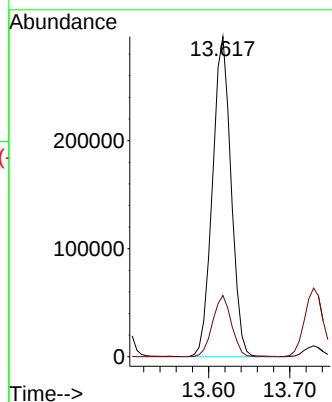
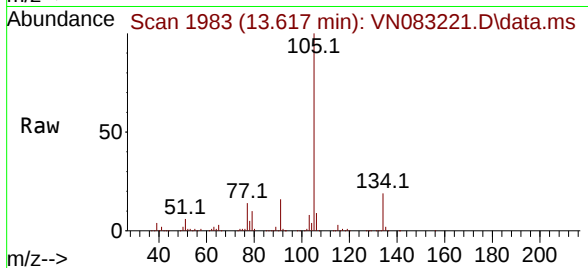
ClientSampleId :

Tgt Ion:105 Resp: 470568

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 45.779 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

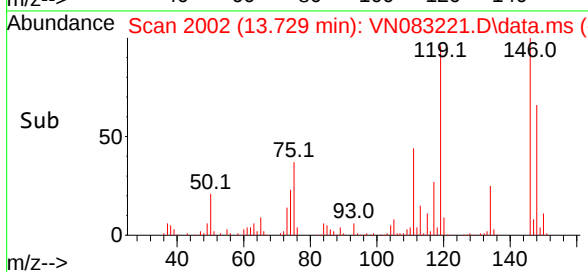
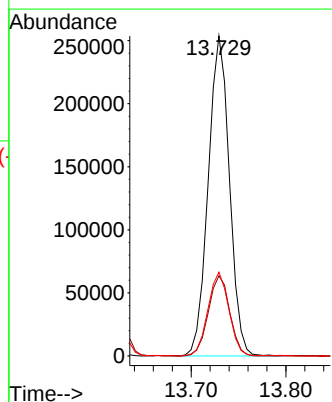
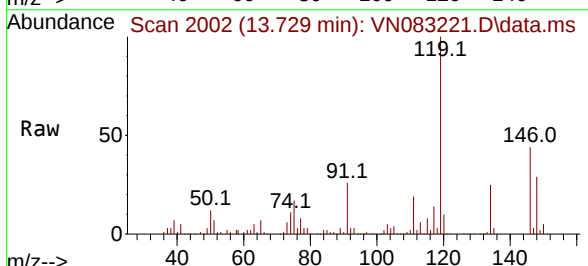
Tgt Ion:119 Resp: 394816

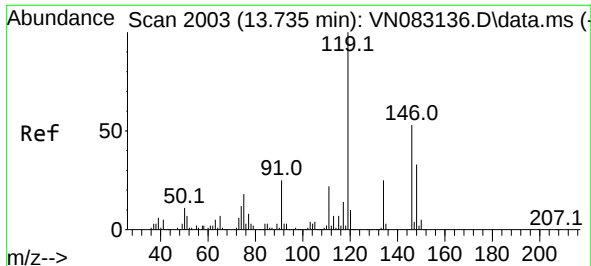
Ion Ratio Lower Upper

119 100

134 25.3 13.0 39.0

91 25.9 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 46.077 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

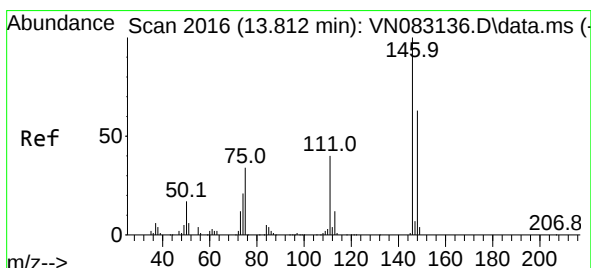
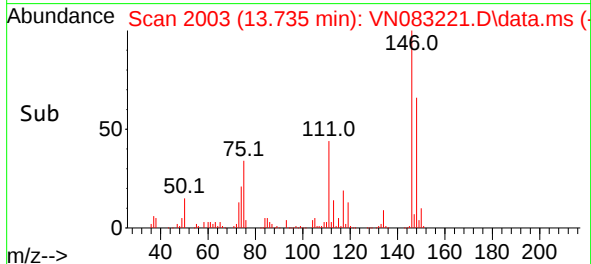
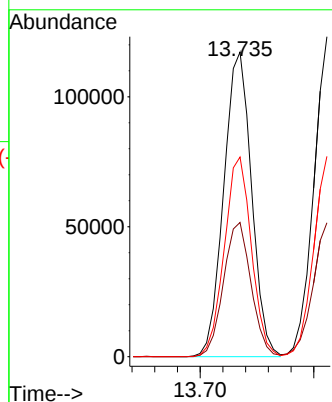
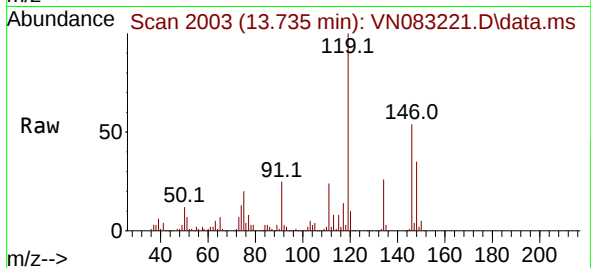
Tgt Ion:146 Resp: 198851

Ion Ratio Lower Upper

146 100

111 43.8 20.6 61.9

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 46.230 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

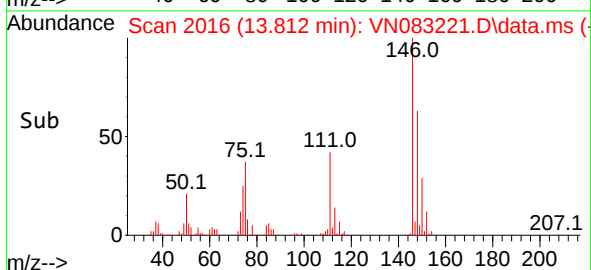
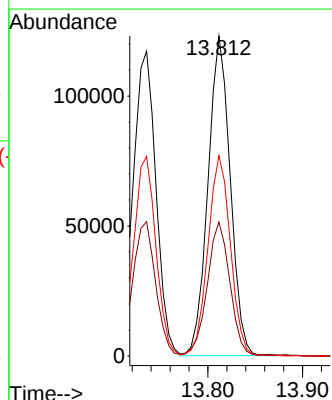
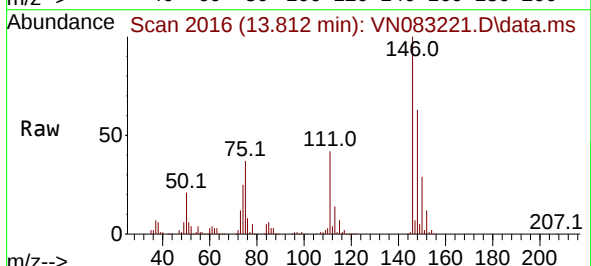
Tgt Ion:146 Resp: 201136

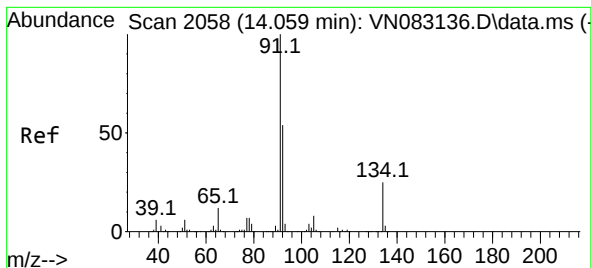
Ion Ratio Lower Upper

146 100

111 42.3 20.1 60.3

148 63.5 32.2 96.6





#89

n-Butylbenzene

Concen: 45.209 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

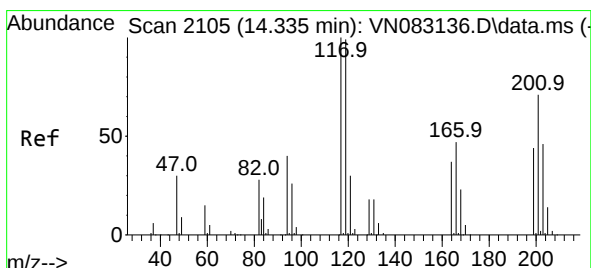
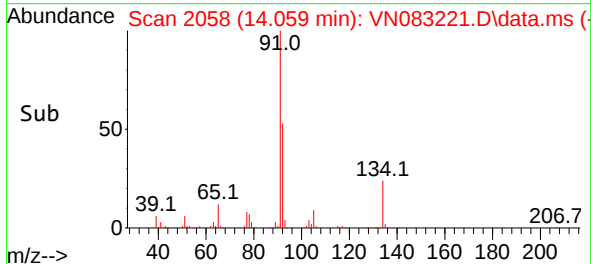
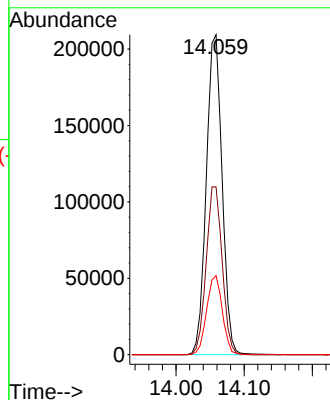
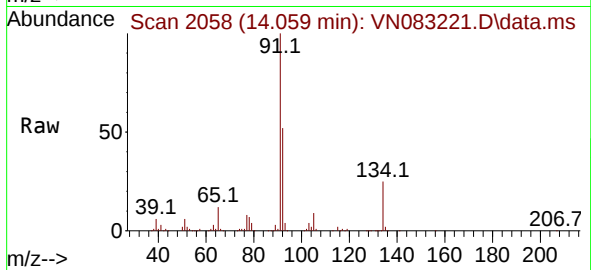
Tgt Ion: 91 Resp: 337841

Ion Ratio Lower Upper

91 100

92 53.2 26.1 78.3

134 24.6 12.1 36.3



#90

Hexachloroethane

Concen: 43.673 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN083221.D

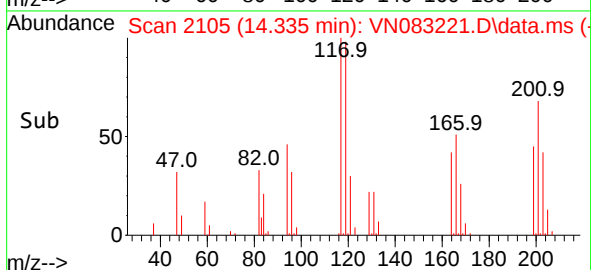
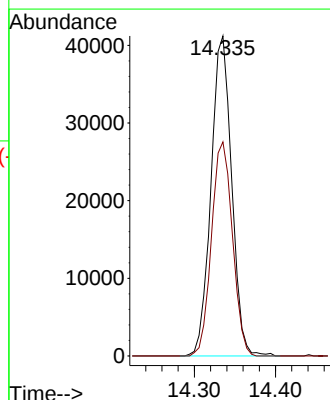
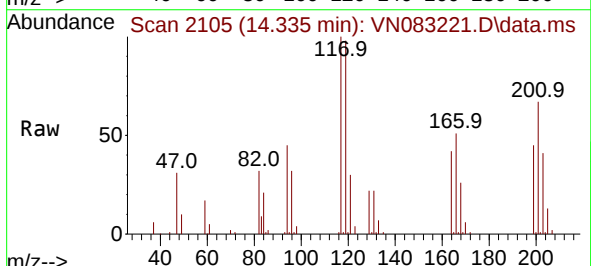
Acq: 10 Aug 2024 20:36

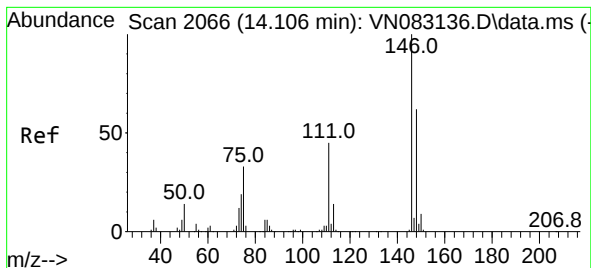
Tgt Ion: 117 Resp: 72769

Ion Ratio Lower Upper

117 100

201 67.8 35.8 107.3

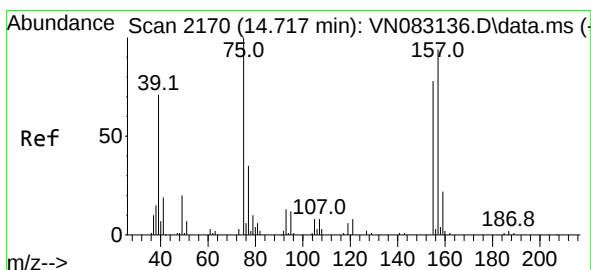
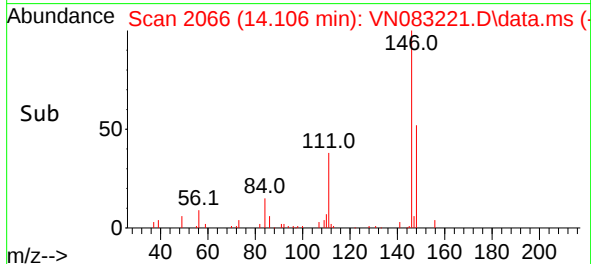
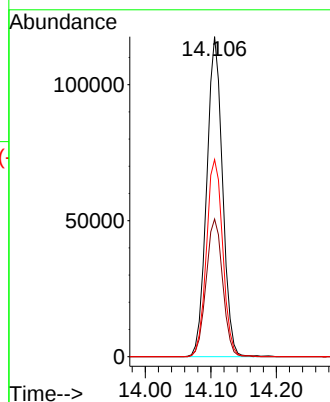
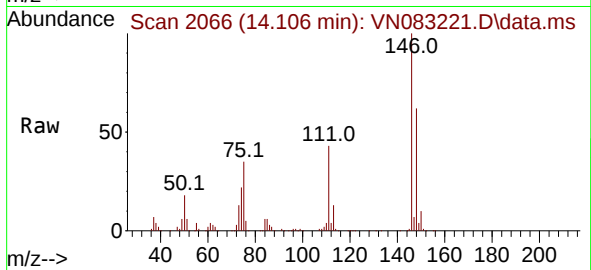




#91
1,2-Dichlorobenzene
Concen: 47.302 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

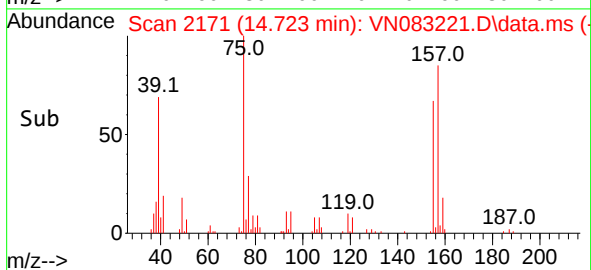
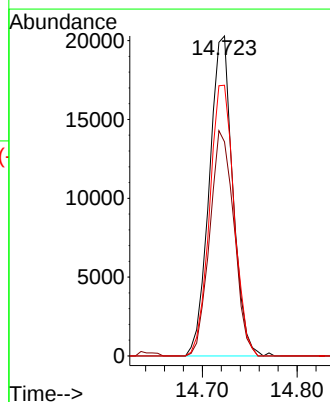
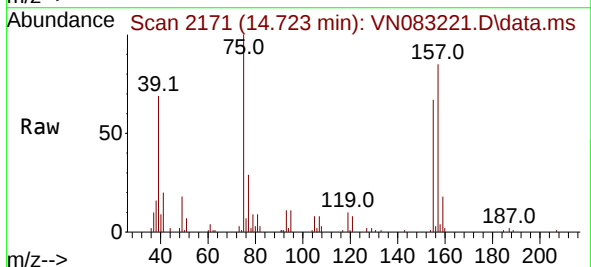
Instrument :
MSVOA_N
ClientSampleId :

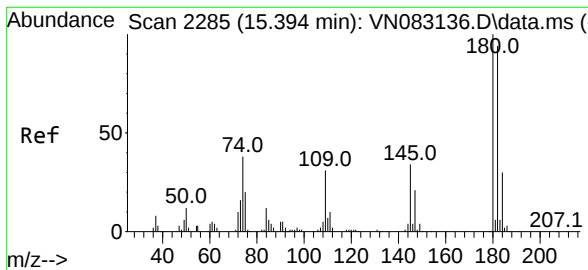
Tgt Ion:	146	Resp:	197540
Ion Ratio	Lower	Upper	
146	100		
111	44.9	21.4	64.2
148	63.4	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.428 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN083221.D
Acq: 10 Aug 2024 20:36

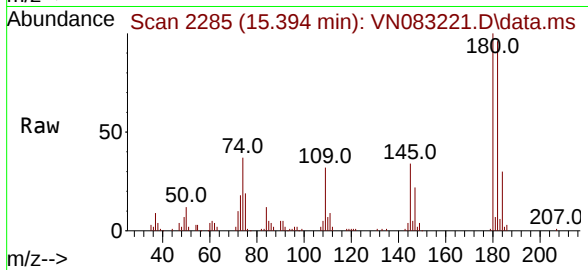
Tgt Ion:	75	Resp:	35025
Ion Ratio	Lower	Upper	
75	100		
155	72.3	36.6	109.8
157	87.6	46.9	140.6



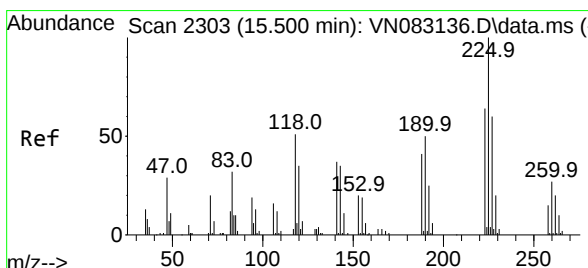
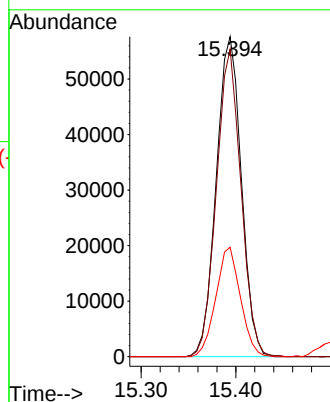
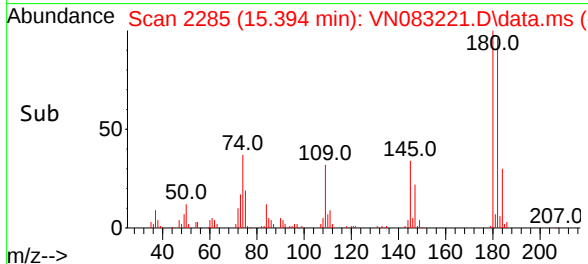


#93
 1,2,4-Trichlorobenzene
 Concen: 45.320 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083221.D
 Acq: 10 Aug 2024 20:36

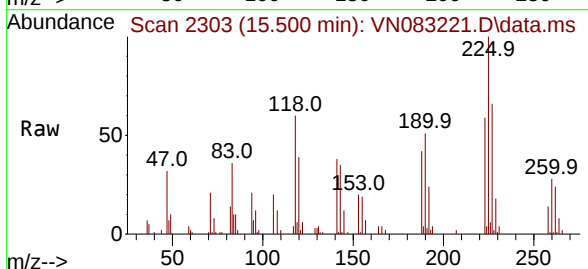
Instrument :
 MSVOA_N
 ClientSampleId :



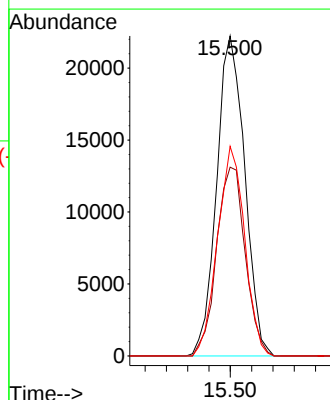
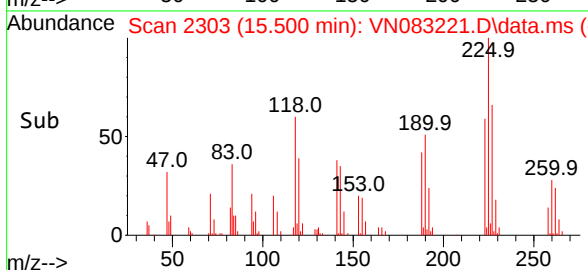
Tgt Ion:180 Resp: 106032
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.3 141.8
 145 33.6 15.7 47.1

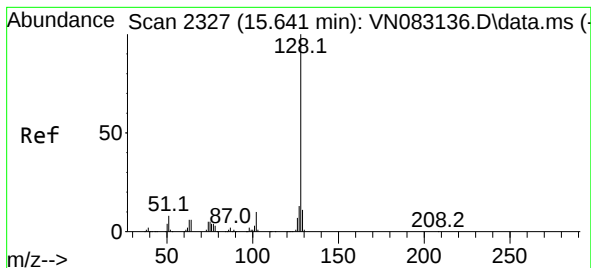


#94
 Hexachlorobutadiene
 Concen: 39.117 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN083221.D
 Acq: 10 Aug 2024 20:36



Tgt Ion:225 Resp: 40702
 Ion Ratio Lower Upper
 225 100
 223 60.2 31.9 95.7
 227 63.2 32.5 97.5





#95

Naphthalene

Concen: 47.862 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

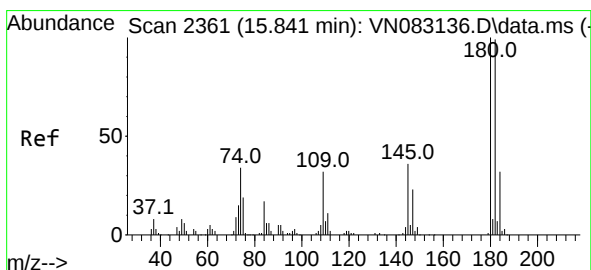
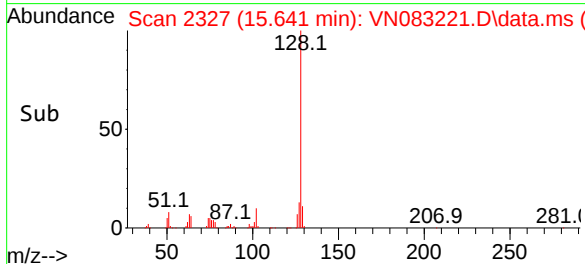
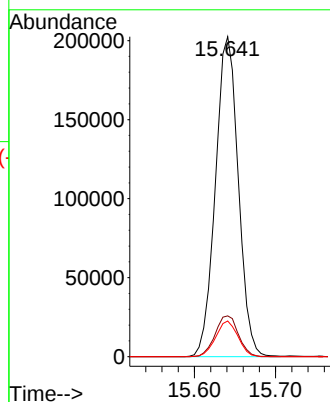
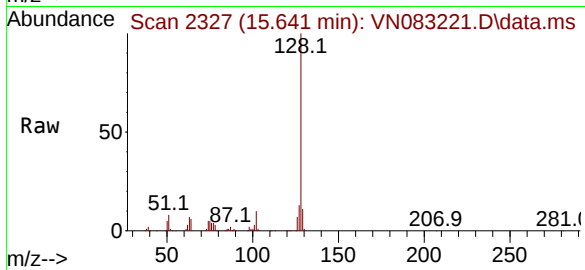
Tgt Ion:128 Resp: 396657

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 45.992 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083221.D

Acq: 10 Aug 2024 20:36

Tgt Ion:180 Resp: 106474

Ion Ratio Lower Upper

180 100

182 94.5 48.9 146.8

145 35.5 16.8 50.4

