

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084235.D
 Acq On : 01 Oct 2024 13:30
 Operator : JC\MD
 Sample : VN1001WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

Quant Time: Oct 02 02:01:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	154589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114498	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126723	55.288	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.580%	
35) Dibromofluoromethane	8.165	113	94618	52.818	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.640%	
50) Toluene-d8	10.565	98	361306	54.821	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.640%	
62) 4-Bromofluorobenzene	12.847	95	127900	53.268	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	35268	19.287	ug/l	94
3) Chloromethane	2.359	50	40663	19.476	ug/l	97
4) Vinyl Chloride	2.518	62	40194	19.874	ug/l	93
5) Bromomethane	2.959	94	24937	18.693	ug/l	99
6) Chloroethane	3.124	64	24375	16.829	ug/l	90
7) Trichlorofluoromethane	3.500	101	60416	19.184	ug/l	97
8) Diethyl Ether	3.965	74	20906	17.899	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	34452	19.092	ug/l	97
10) Methyl Iodide	4.595	142	44389	19.101	ug/l	97
11) Tert butyl alcohol	5.524	59	35699	94.456	ug/l	100
12) 1,1-Dichloroethene	4.342	96	32911	18.908	ug/l	97
13) Acrolein	4.183	56	43613	100.517	ug/l	98
14) Allyl chloride	5.030	41	54472	18.020	ug/l	97
15) Acrylonitrile	5.724	53	96821	101.445	ug/l	100
16) Acetone	4.424	43	92954	94.405	ug/l	96
17) Carbon Disulfide	4.712	76	98536	17.881	ug/l	99
18) Methyl Acetate	5.030	43	41997	19.569	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	112317	19.119	ug/l	99
20) Methylene Chloride	5.277	84	38928	19.449	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	35417	19.422	ug/l	96
22) Diisopropyl ether	6.671	45	123933	19.821	ug/l	99
23) Vinyl Acetate	6.606	43	454505	98.005	ug/l	98
24) 1,1-Dichloroethane	6.571	63	69515	19.881	ug/l	99
25) 2-Butanone	7.483	43	132470	98.779	ug/l	97
26) 2,2-Dichloropropane	7.488	77	59324	18.817	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	41842	18.988	ug/l	99
28) Bromochloromethane	7.818	49	30135	19.316	ug/l	98
29) Tetrahydrofuran	7.841	42	80829	97.667	ug/l	98
30) Chloroform	7.965	83	71025	19.555	ug/l	94
31) Cyclohexane	8.253	56	60908	17.940	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	64185	19.676	ug/l	98
36) 1,1-Dichloropropene	8.371	75	50414	19.375	ug/l	98
37) Ethyl Acetate	7.565	43	50389	18.876	ug/l	99
38) Carbon Tetrachloride	8.359	117	55675	19.506	ug/l	96
39) Methylcyclohexane	9.600	83	52414	18.099	ug/l	98
40) Benzene	8.606	78	156062	19.250	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28829	19.893	ug/l	97
42) 1,2-Dichloroethane	8.671	62	55593	20.227	ug/l	99
43) Isopropyl Acetate	8.688	43	86594	16.561	ug/l	99
44) Trichloroethene	9.353	130	36772	19.420	ug/l	91
45) 1,2-Dichloropropane	9.618	63	38220	19.929	ug/l	99
46) Dibromomethane	9.706	93	26733	20.656	ug/l	99
47) Bromodichloromethane	9.888	83	56413	19.619	ug/l	100
48) Methyl methacrylate	9.682	41	40756	19.581	ug/l	99
49) 1,4-Dioxane	9.694	88	15169	395.861	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	260273	102.420	ug/l	98
52) Toluene	10.629	92	97578	19.738	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	56086	19.135	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	62004	19.667	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	36379	20.527	ug/l	94
56) Ethyl methacrylate	10.876	69	56987	19.541	ug/l	99
57) 1,3-Dichloropropane	11.165	76	62854	19.848	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	131080	96.895	ug/l	100
59) 2-Hexanone	11.194	43	191740	100.950	ug/l	98
60) Dibromochloromethane	11.359	129	42099	20.105	ug/l	100
61) 1,2-Dibromoethane	11.465	107	34703	18.844	ug/l	97
64) Tetrachloroethene	11.106	164	31969	19.050	ug/l	98
65) Chlorobenzene	11.888	112	102297	19.149	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	35557	19.324	ug/l	98
67) Ethyl Benzene	11.965	91	174910	18.514	ug/l	97
68) m/p-Xylenes	12.071	106	133109	38.088	ug/l	99
69) o-Xylene	12.400	106	63552	19.221	ug/l	97
70) Styrene	12.412	104	108015	19.287	ug/l	99
71) Bromoform	12.582	173	26417	19.500	ug/l #	100
73) Isopropylbenzene	12.694	105	162233	18.568	ug/l	100
74) N-amyl acetate	12.494	43	74067	18.720	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	51043	19.429	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	68270	29.206	ug/l	59
77) Bromobenzene	12.976	156	39266	18.631	ug/l	99
78) n-propylbenzene	13.035	91	195365	19.299	ug/l	100
79) 2-Chlorotoluene	13.123	91	122436	18.954	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	139576	19.584	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	18015	18.477	ug/l	99
82) 4-Chlorotoluene	13.217	91	123985	19.067	ug/l	100
83) tert-Butylbenzene	13.435	119	118997	18.785	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	140978	19.636	ug/l	100
85) sec-Butylbenzene	13.617	105	163365	19.326	ug/l	99
86) p-Isopropyltoluene	13.729	119	132899	19.013	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	73659	18.630	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	72842	18.244	ug/l	99
89) n-Butylbenzene	14.053	91	110791	17.480	ug/l	99
90) Hexachloroethane	14.335	117	25303	17.834	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	71347	18.404	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10648	19.640	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	33192	17.382	ug/l	99
94) Hexachlorobutadiene	15.500	225	15506	16.283	ug/l	95
95) Naphthalene	15.641	128	103172	16.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	32549	17.029	ug/l	98

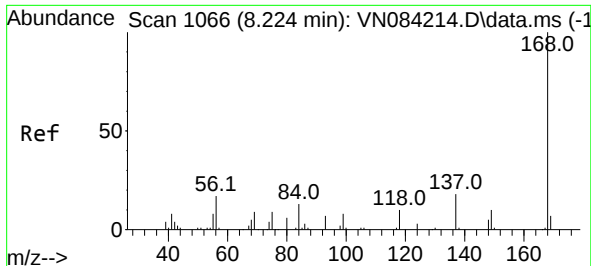
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Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

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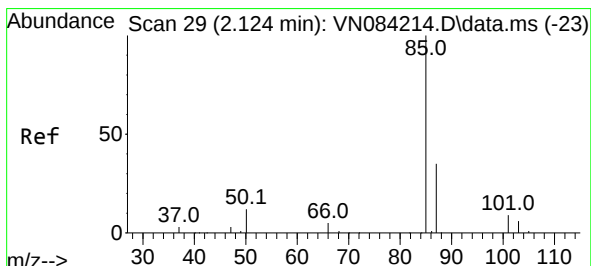
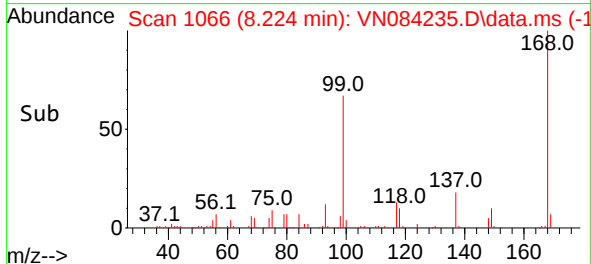
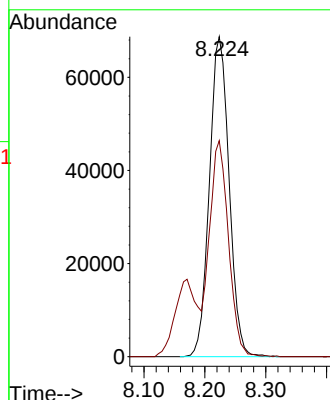
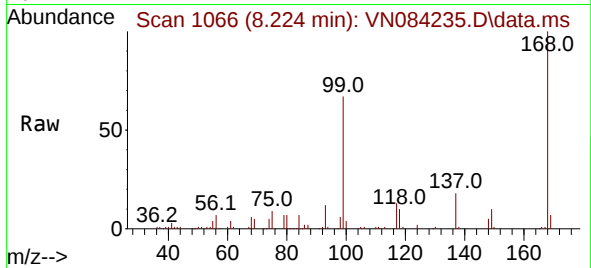
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084235.D
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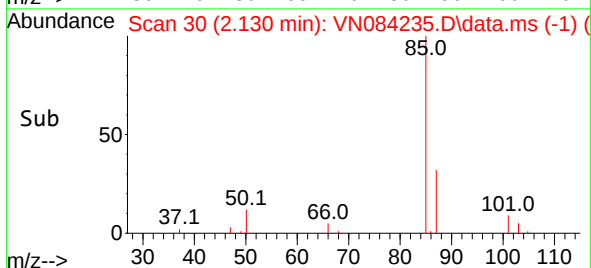
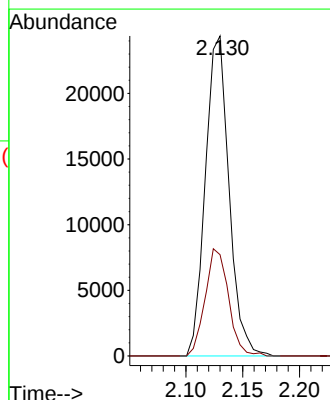
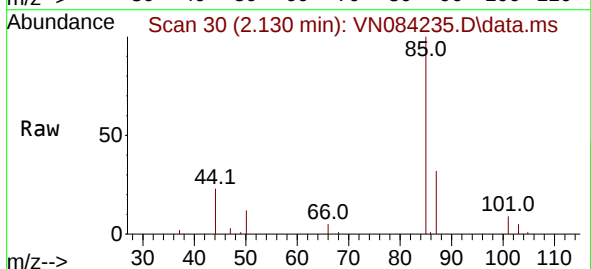
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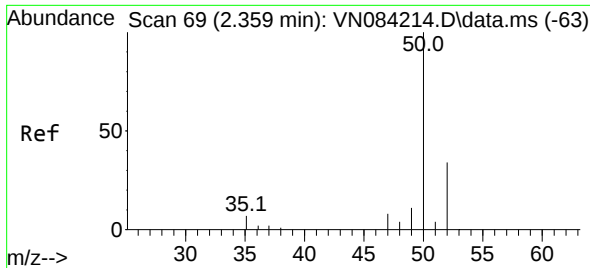
Tgt Ion:168 Resp: 154589
Ion Ratio Lower Upper
168 100
99 67.5 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 19.287 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion: 85 Resp: 35268
Ion Ratio Lower Upper
85 100
87 31.6 17.6 52.9

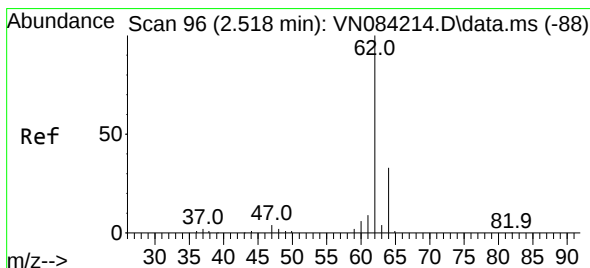
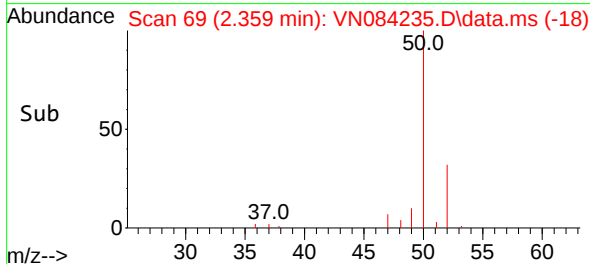
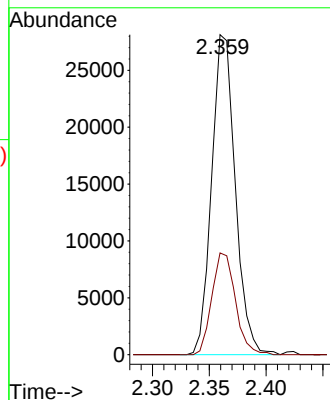
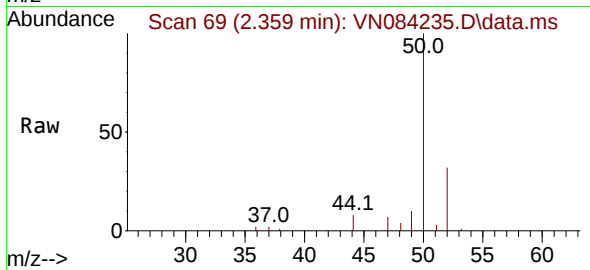




#3
Chloromethane
Concen: 19.476 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

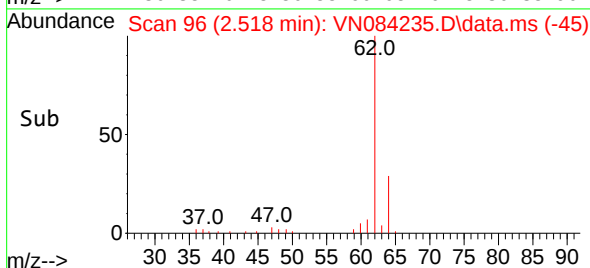
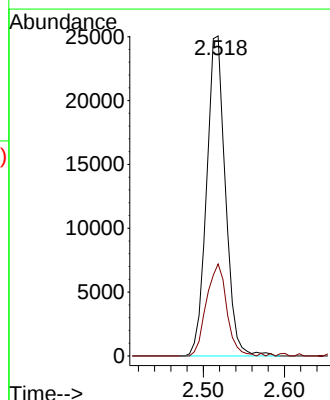
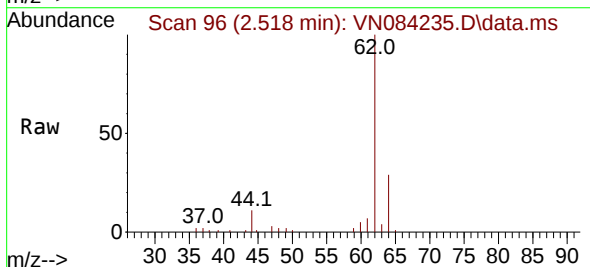
Instrument :
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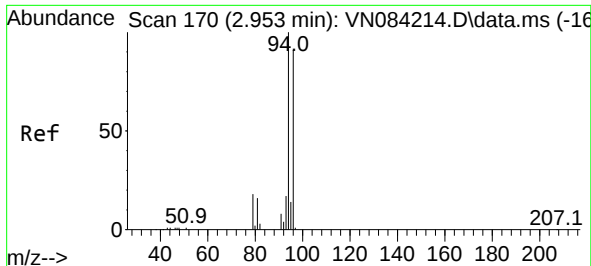
Tgt Ion: 50 Resp: 40663
Ion Ratio Lower Upper
50 100
52 31.8 26.8 40.2



#4
Vinyl Chloride
Concen: 19.874 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion: 62 Resp: 40194
Ion Ratio Lower Upper
62 100
64 28.7 26.2 39.4

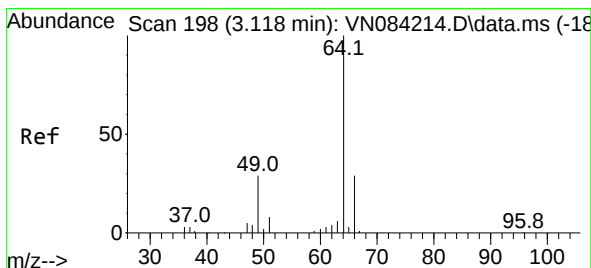
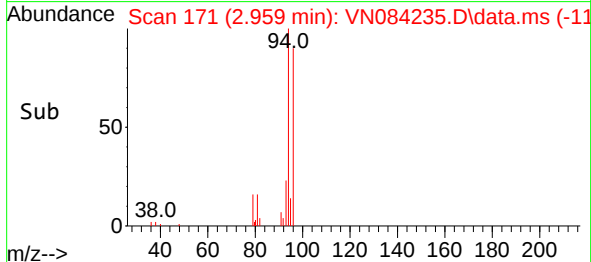
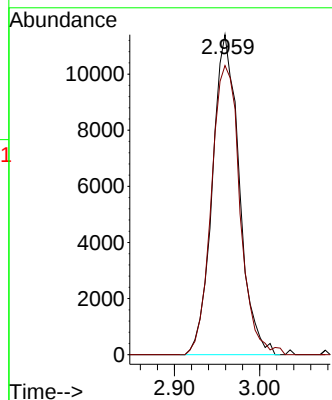
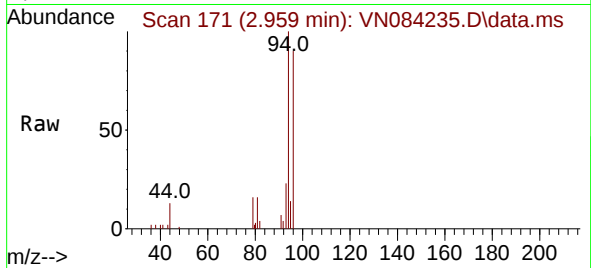




#5
Bromomethane
Concen: 18.693 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

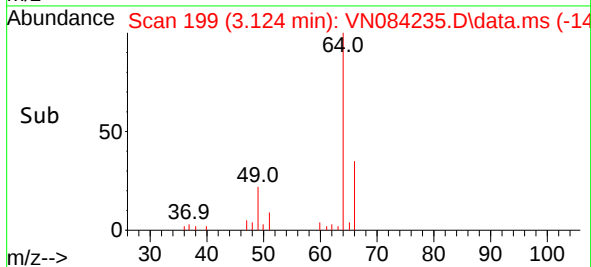
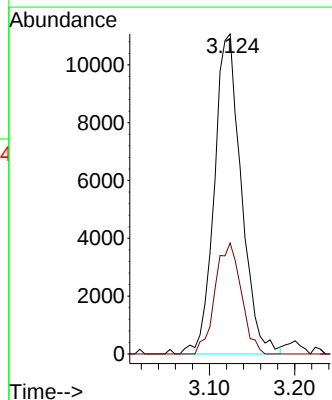
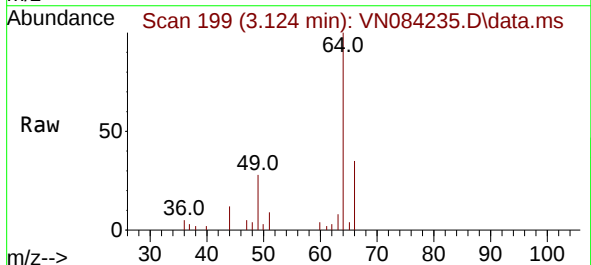
Instrument :
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Tgt Ion: 94 Resp: 24937
Ion Ratio Lower Upper
94 100
96 90.4 72.9 109.3



#6
Chloroethane
Concen: 16.829 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion: 64 Resp: 24375
Ion Ratio Lower Upper
64 100
66 34.7 23.5 35.3

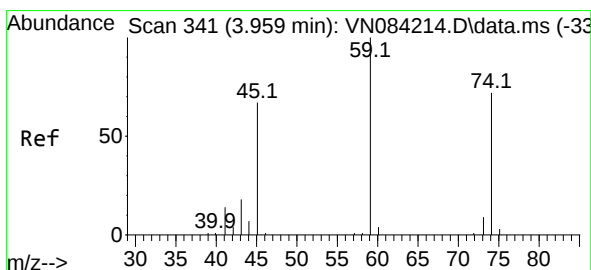
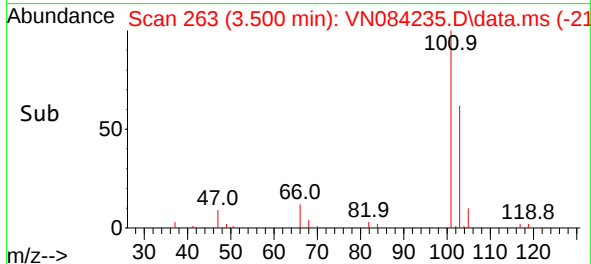
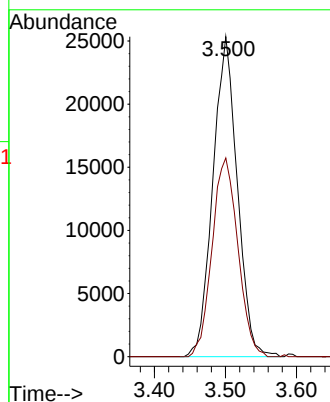
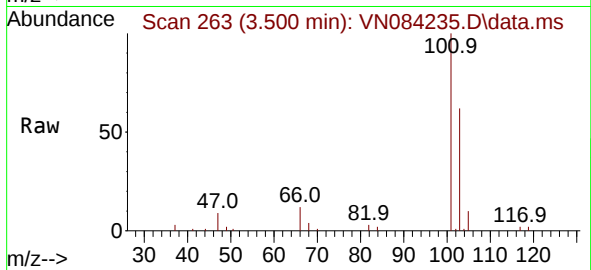




#7
 Trichlorofluoromethane
 Concen: 19.184 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN084235.D
 Acq: 01 Oct 2024 13:30

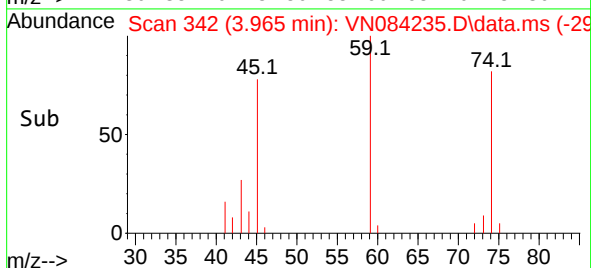
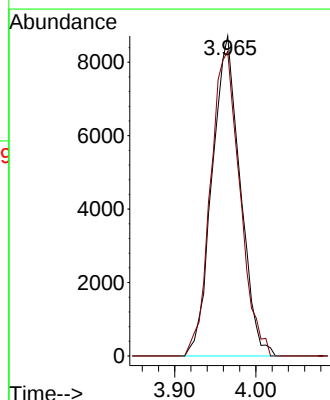
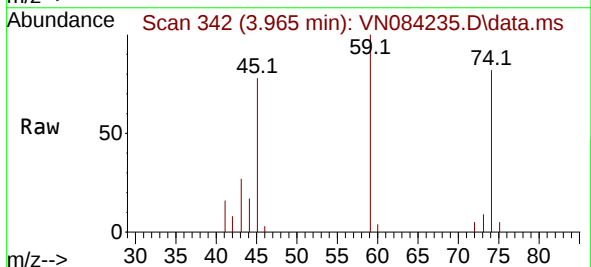
Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 60416
 Ion Ratio Lower Upper
 101 100
 103 62.1 51.8 77.6



#8
 Diethyl Ether
 Concen: 17.899 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN084235.D
 Acq: 01 Oct 2024 13:30

Tgt Ion: 74 Resp: 20906
 Ion Ratio Lower Upper
 74 100
 45 100.0 47.7 143.1

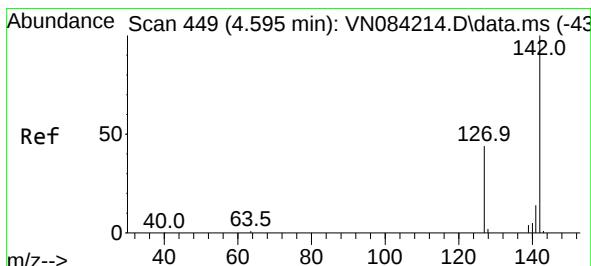
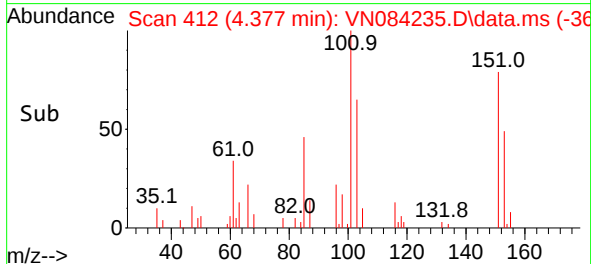
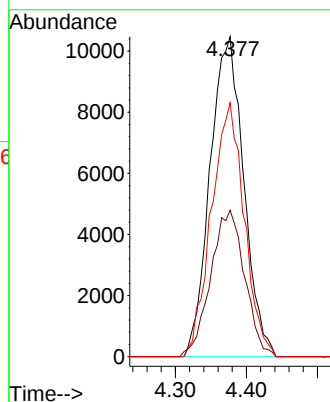
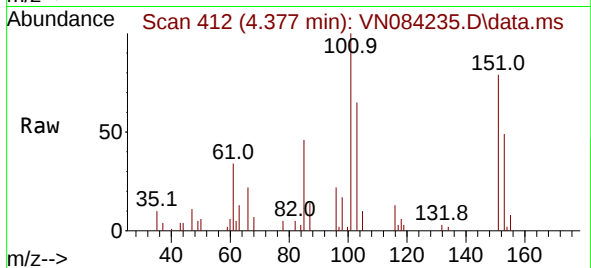




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.092 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

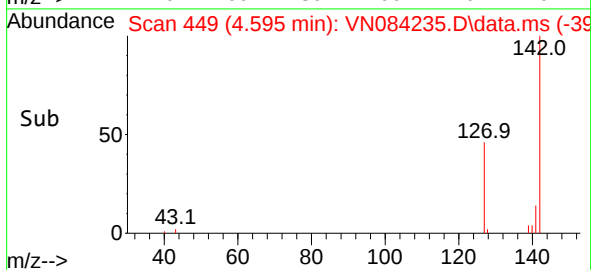
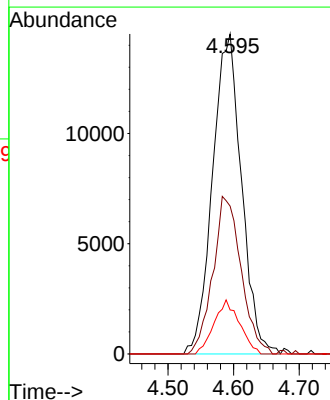
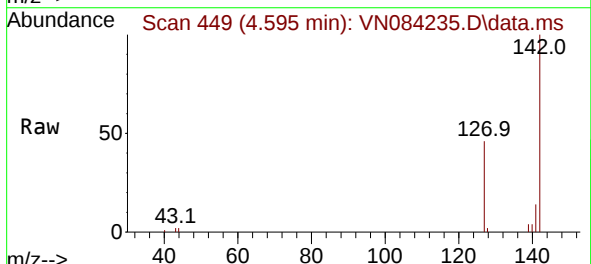
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Tgt Ion:101 Resp: 34452
Ion Ratio Lower Upper
101 100
85 46.2 36.2 54.4
151 77.3 59.3 88.9



#10
Methyl Iodide
Concen: 19.101 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion:142 Resp: 44389
Ion Ratio Lower Upper
142 100
127 46.2 35.3 52.9
141 13.8 11.0 16.6

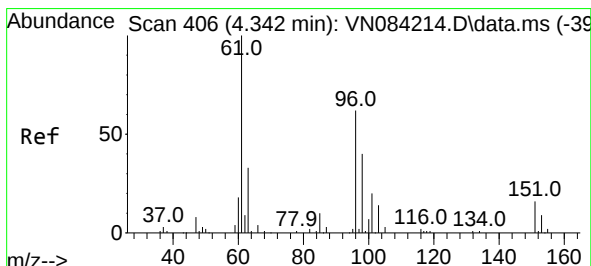
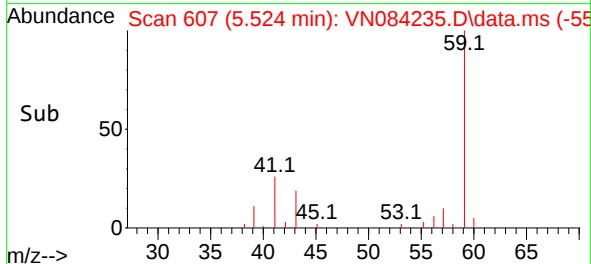
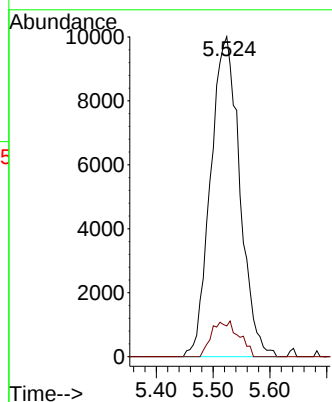
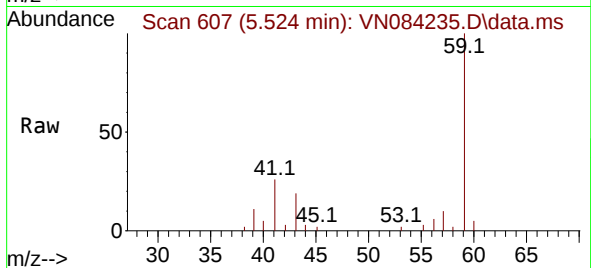




#11
Tert butyl alcohol
Concen: 94.456 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

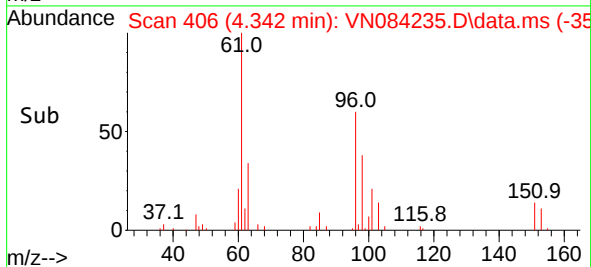
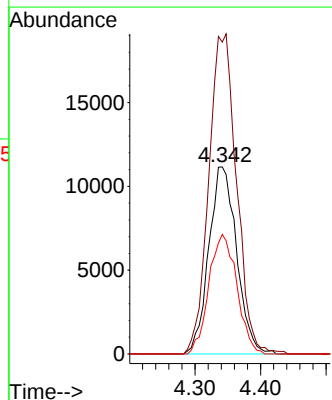
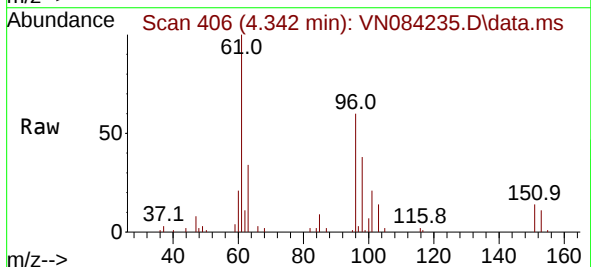
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tgt Ion: 59 Resp: 35699
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.908 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion: 96 Resp: 32911
Ion Ratio Lower Upper
96 100
61 166.7 128.6 192.8
98 63.9 51.7 77.5

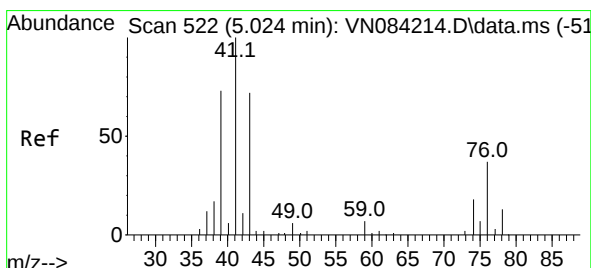
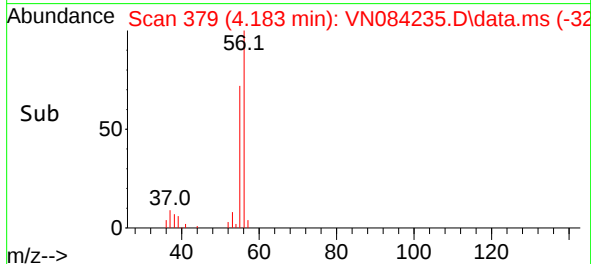
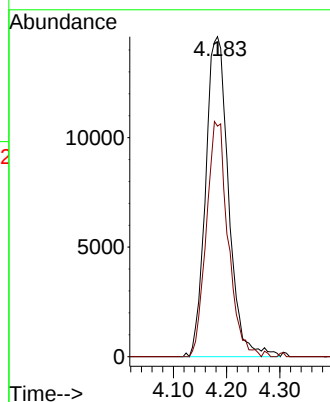
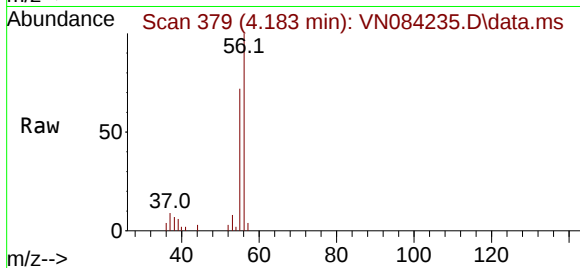




#13
Acrolein
Concen: 100.517 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

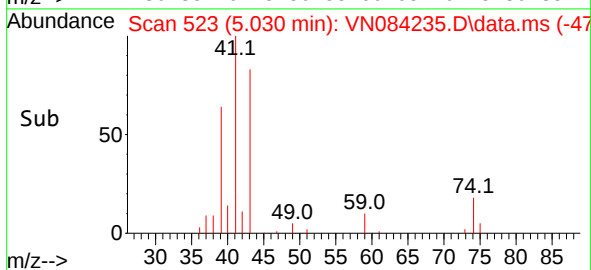
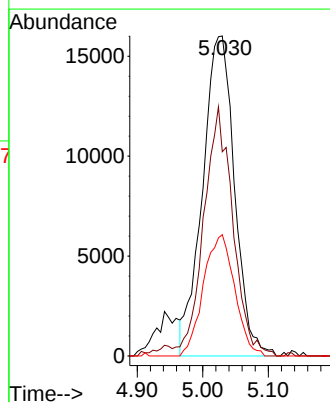
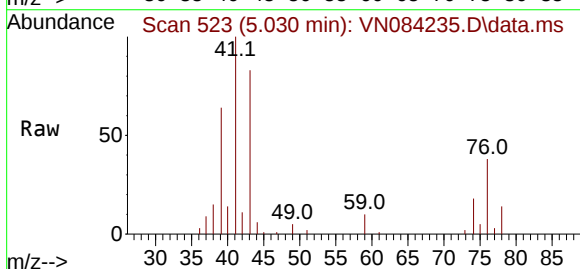
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

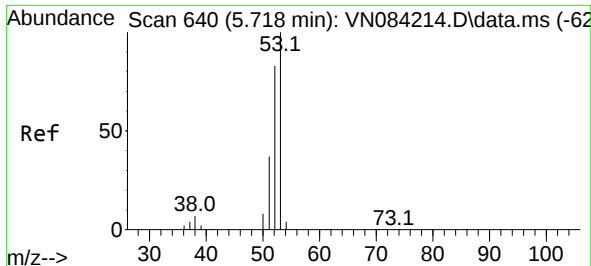
Tgt Ion: 56 Resp: 43613
Ion Ratio Lower Upper
56 100
55 69.6 57.2 85.8



#14
Allyl chloride
Concen: 18.020 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion: 41 Resp: 54472
Ion Ratio Lower Upper
41 100
39 70.7 59.0 88.6
76 36.9 29.8 44.6

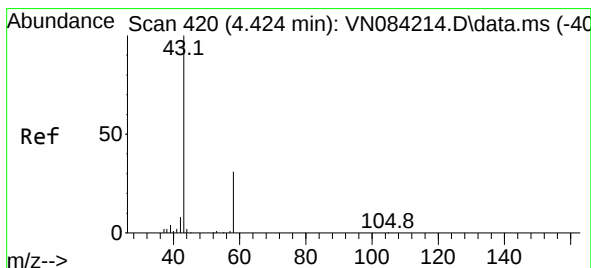
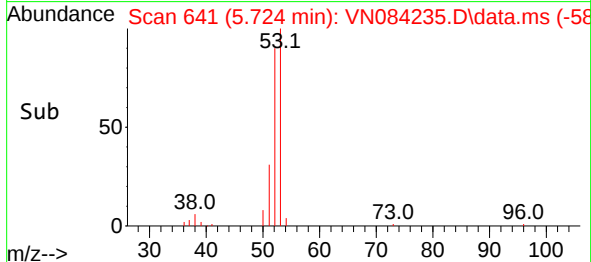
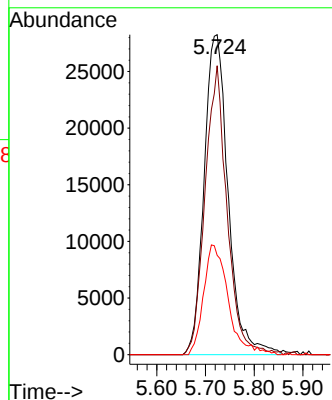
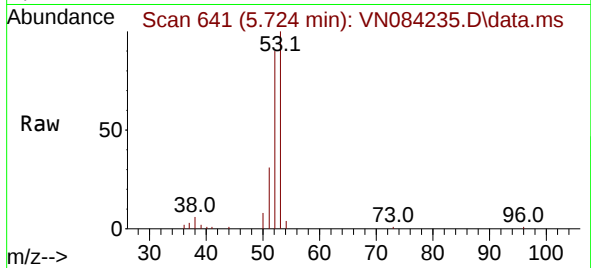




#15
Acrylonitrile
Concen: 101.445 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

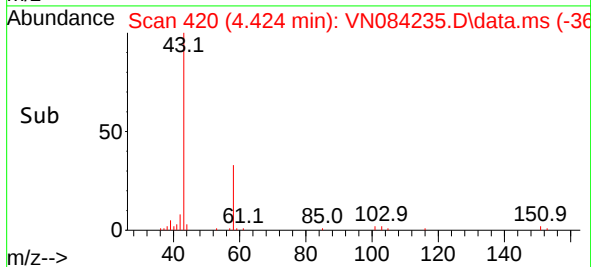
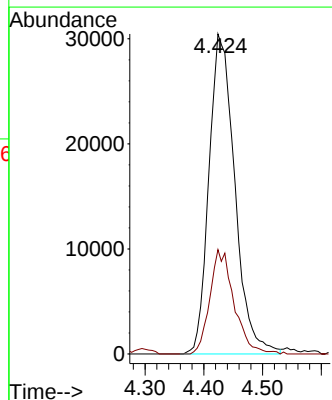
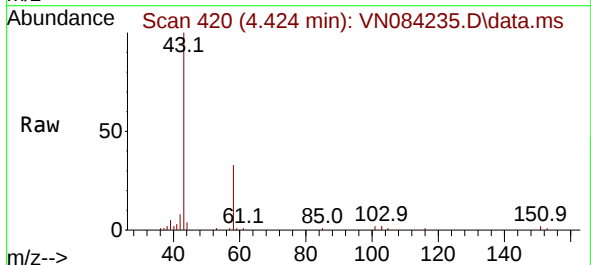
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

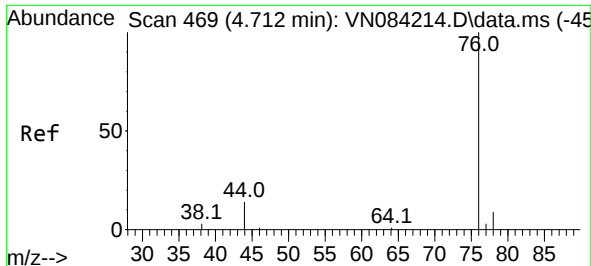
Tgt Ion: 53 Resp: 96821
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.4
51 35.2 28.8 43.2



#16
Acetone
Concen: 94.405 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion: 43 Resp: 92954
Ion Ratio Lower Upper
43 100
58 32.6 24.4 36.6

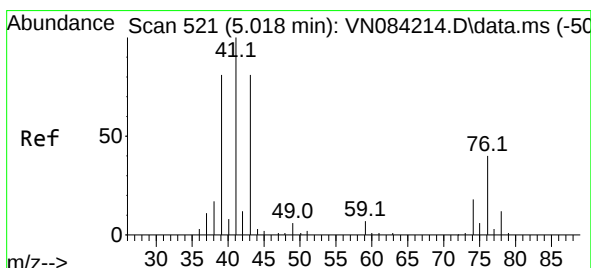
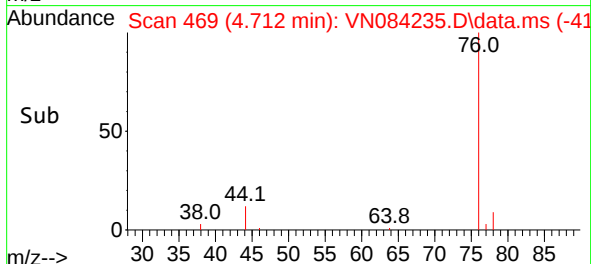
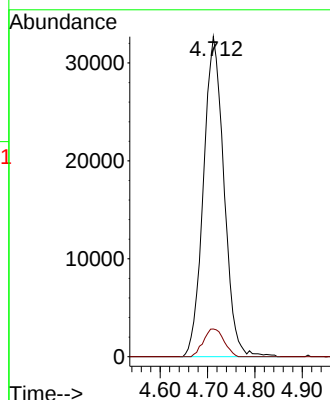
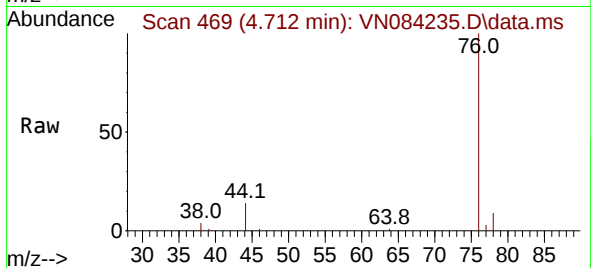




#17
Carbon Disulfide
Concen: 17.881 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

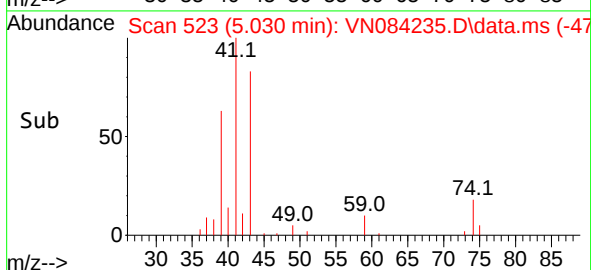
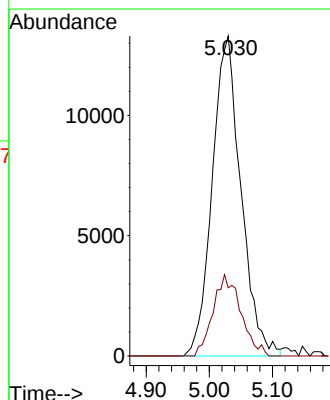
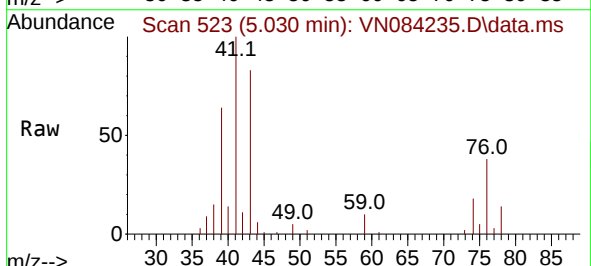
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

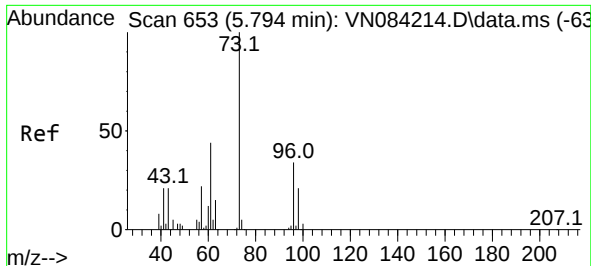
Tgt Ion: 76 Resp: 98536
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 19.569 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion: 43 Resp: 41997
Ion Ratio Lower Upper
43 100
74 24.5 19.2 28.8

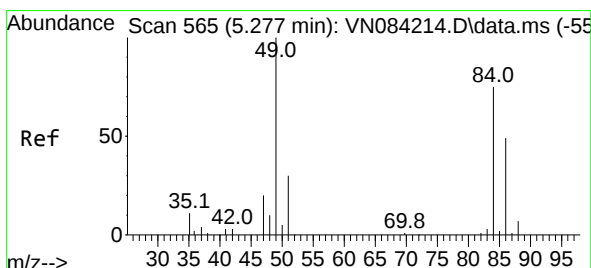
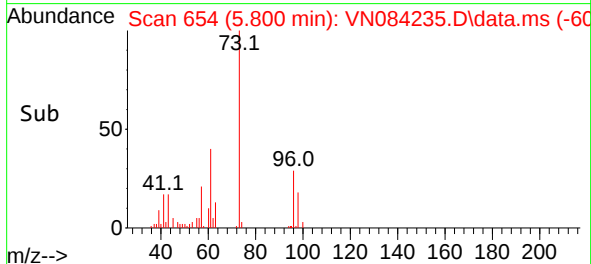
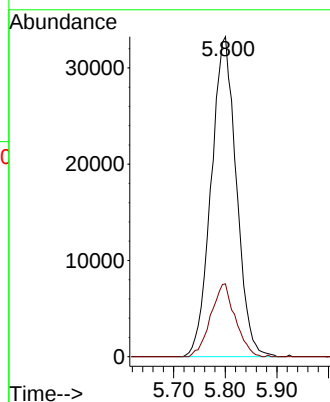
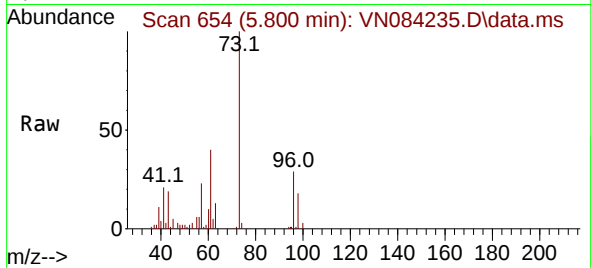




#19
Methyl tert-butyl Ether
Concen: 19.119 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

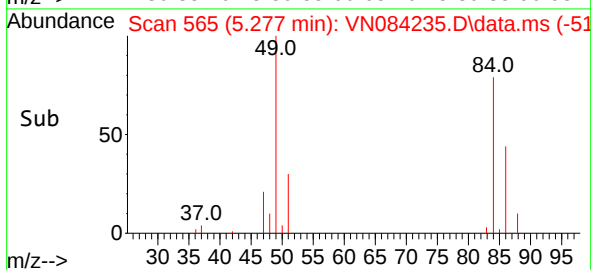
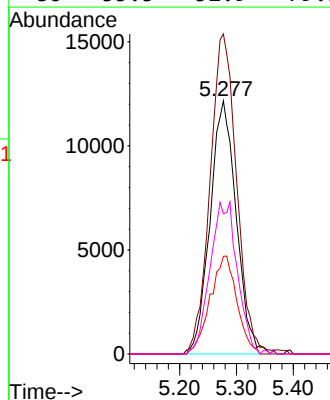
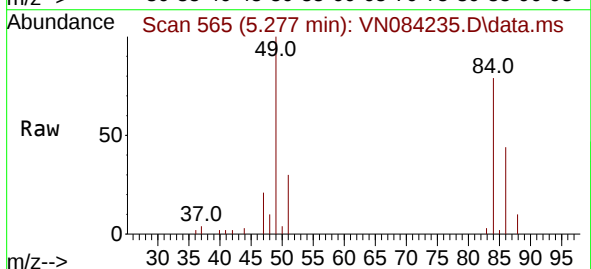
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tgt Ion: 73 Resp: 112317
Ion Ratio Lower Upper
73 100
57 22.8 17.7 26.5



#20
Methylene Chloride
Concen: 19.449 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion: 84 Resp: 38928
Ion Ratio Lower Upper
84 100
49 126.4 107.2 160.8
51 38.5 31.8 47.8
86 55.5 52.9 79.3

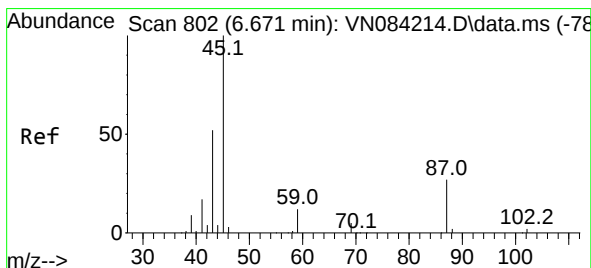
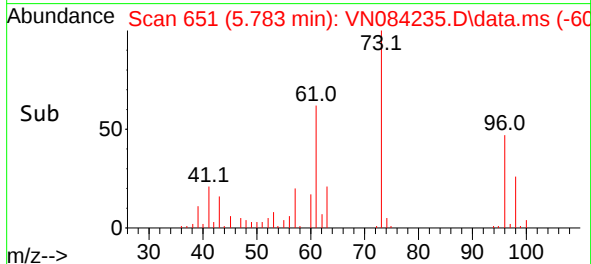
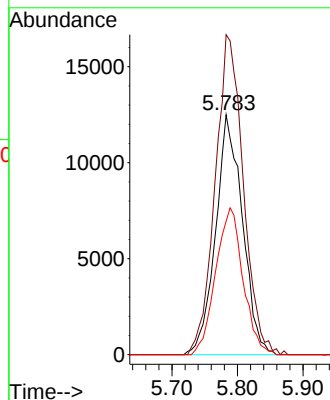
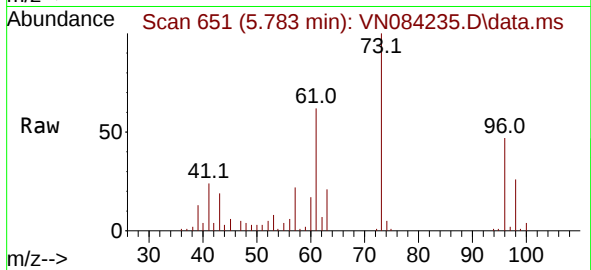




#21
trans-1,2-Dichloroethene
Concen: 19.422 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

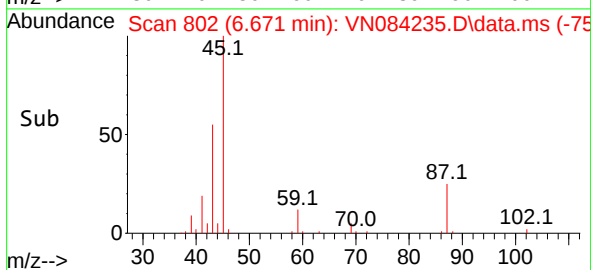
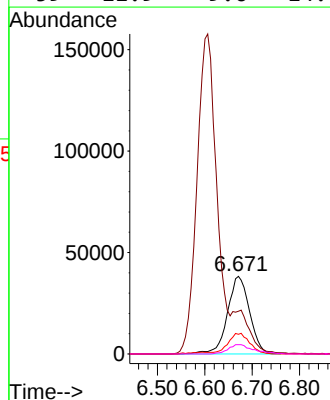
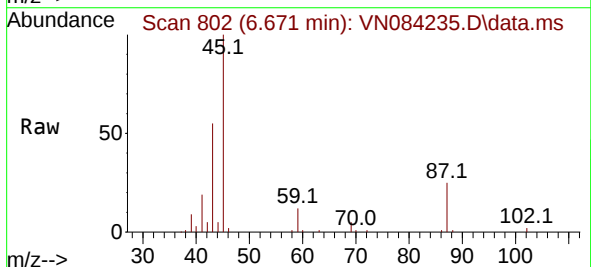
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tgt Ion: 96 Resp: 35417
Ion Ratio Lower Upper
96 100
61 133.4 108.4 162.6
98 55.6 49.8 74.8



#22
Diisopropyl ether
Concen: 19.821 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion: 45 Resp: 123933
Ion Ratio Lower Upper
45 100
43 53.3 42.3 63.5
87 25.3 21.8 32.6
59 11.9 9.6 14.4

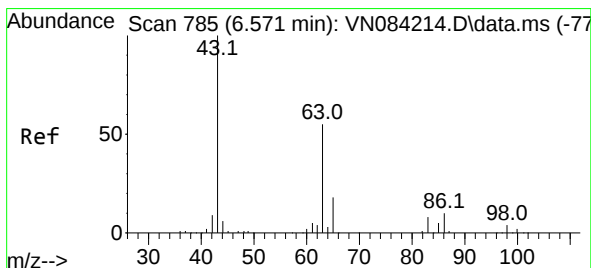
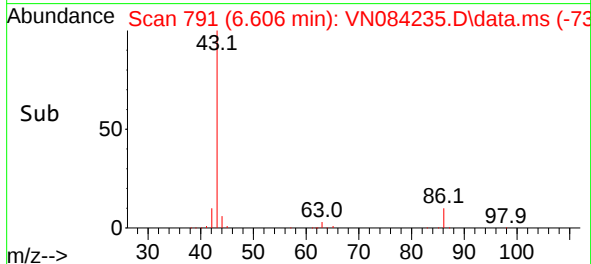
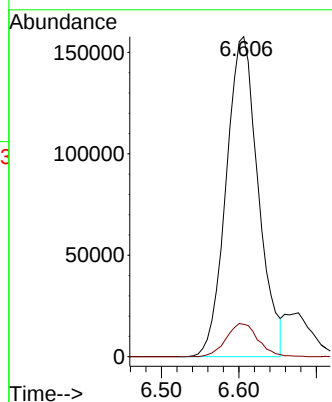
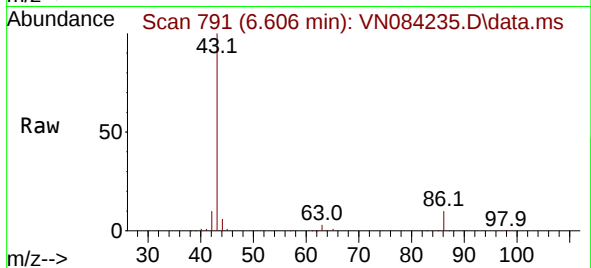




#23
 Vinyl Acetate
 Concen: 98.005 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN084235.D
 Acq: 01 Oct 2024 13:30

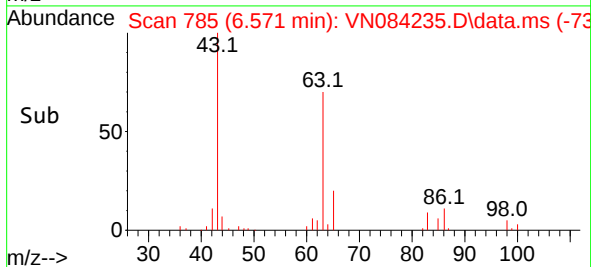
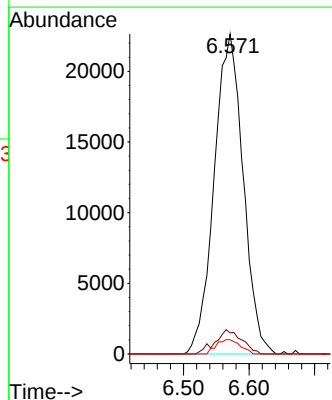
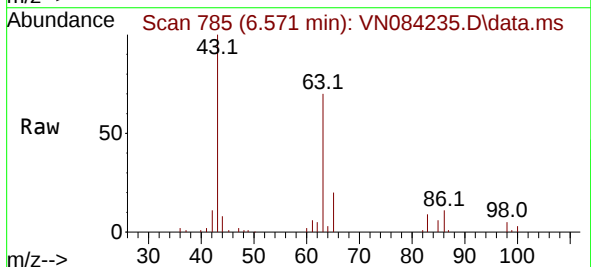
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

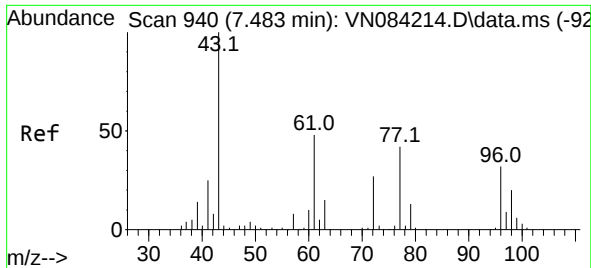
Tgt Ion: 43 Resp: 454505
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 19.881 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN084235.D
 Acq: 01 Oct 2024 13:30

Tgt Ion: 63 Resp: 69515
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.5 2.0 5.8

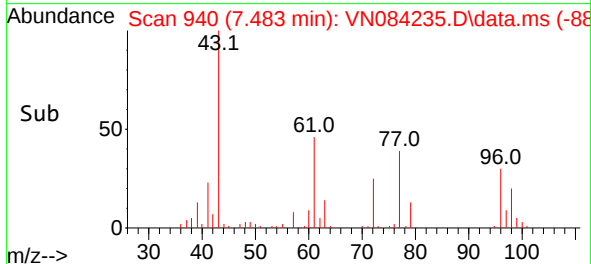
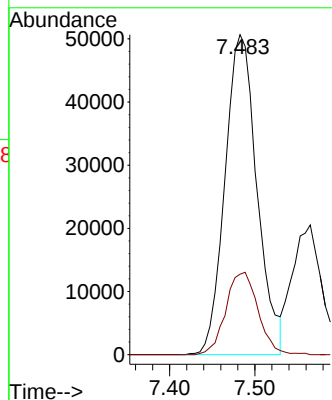
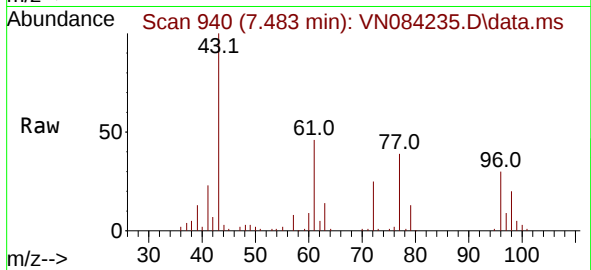




#25
2-Butanone
Concen: 98.779 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

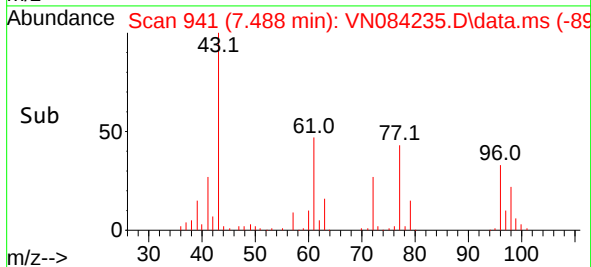
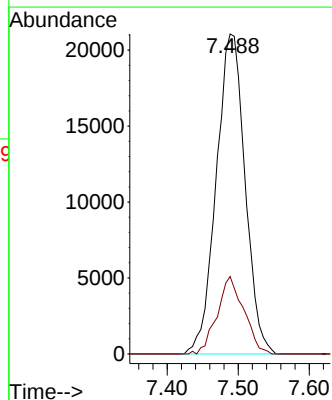
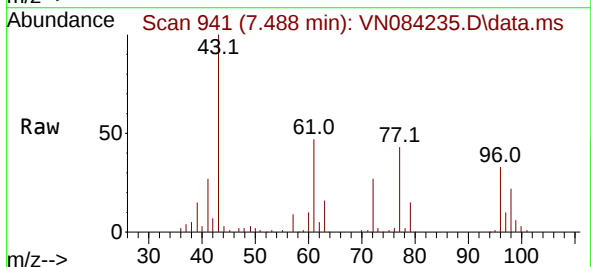
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tgt Ion: 43 Resp: 132470
Ion Ratio Lower Upper
43 100
72 25.1 21.4 32.2



#26
2,2-Dichloropropane
Concen: 18.817 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion: 77 Resp: 59324
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3

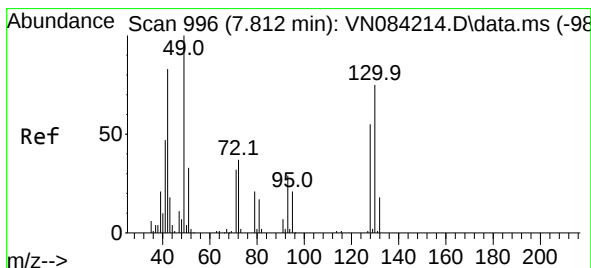
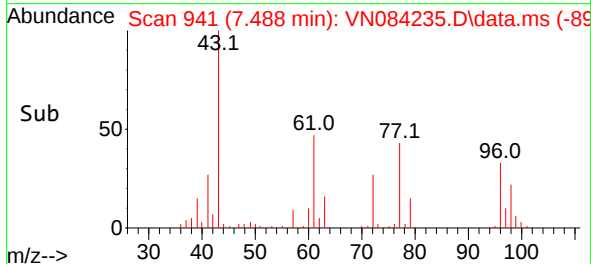
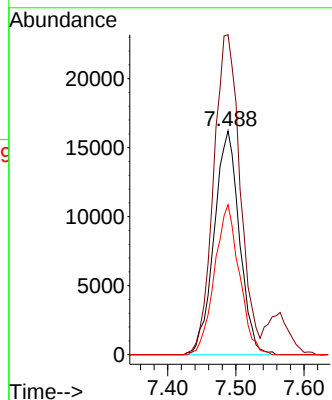
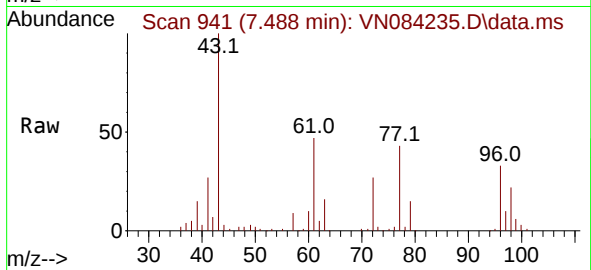




#27
 cis-1,2-Dichloroethene
 Concen: 18.988 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN084235.D
 Acq: 01 Oct 2024 13:30

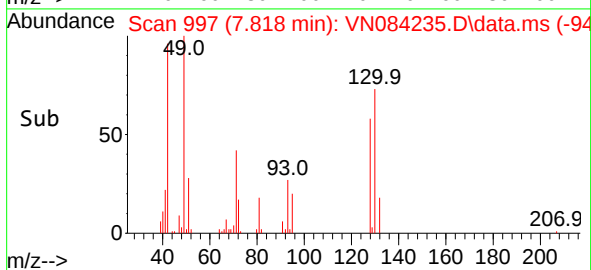
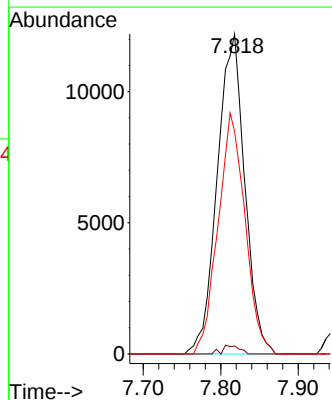
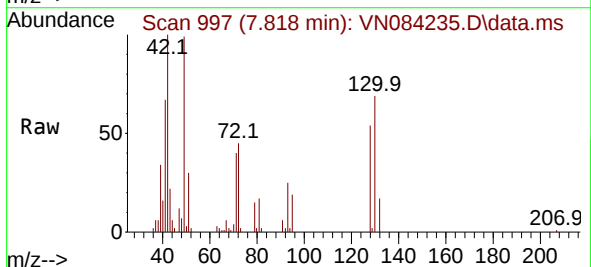
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

Tgt Ion: 96 Resp: 41842
 Ion Ratio Lower Upper
 96 100
 61 150.1 0.0 301.8
 98 66.0 0.0 128.2



#28
 Bromochloromethane
 Concen: 19.316 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN084235.D
 Acq: 01 Oct 2024 13:30

Tgt Ion: 49 Resp: 30135
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 73.8 58.0 87.0





#29

Tetrahydrofuran

Concen: 97.667 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

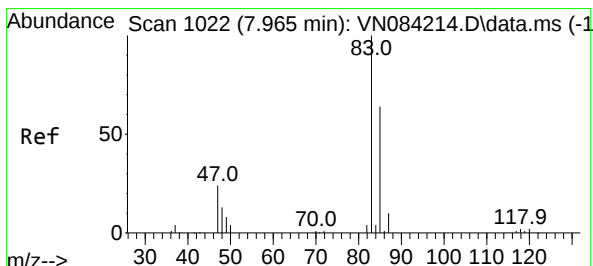
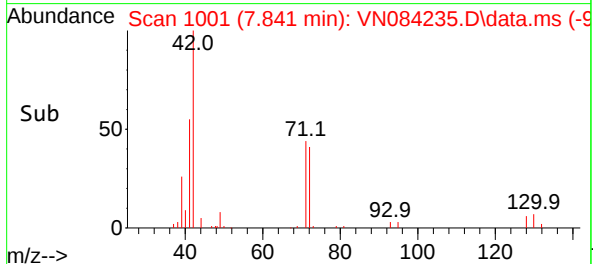
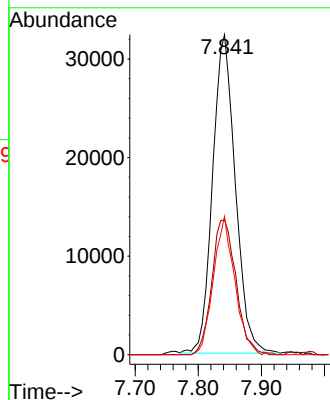
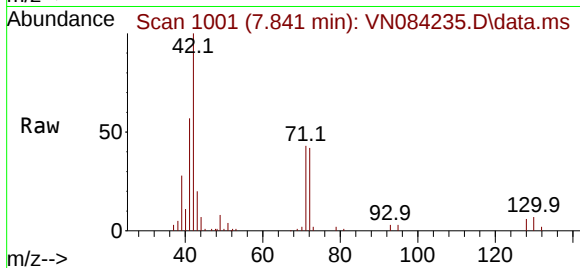
Tgt Ion: 42 Resp: 80829

Ion Ratio Lower Upper

42 100

72 45.0 34.6 51.8

71 40.8 32.2 48.4



#30

Chloroform

Concen: 19.555 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN084235.D

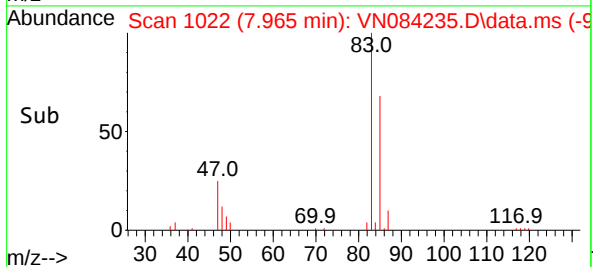
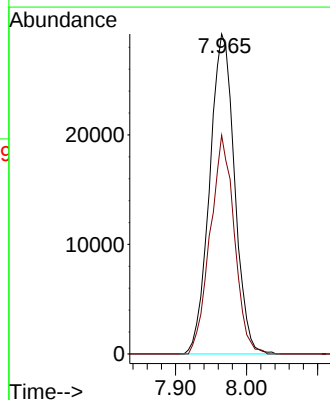
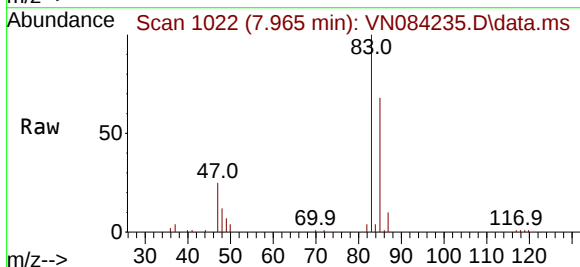
Acq: 01 Oct 2024 13:30

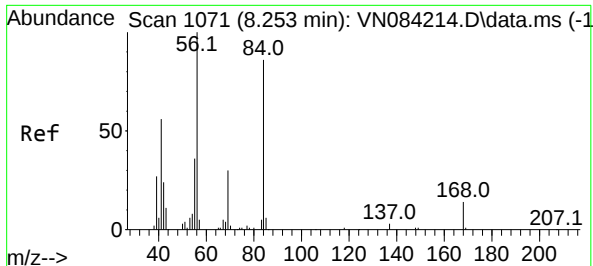
Tgt Ion: 83 Resp: 71025

Ion Ratio Lower Upper

83 100

85 68.3 51.0 76.4

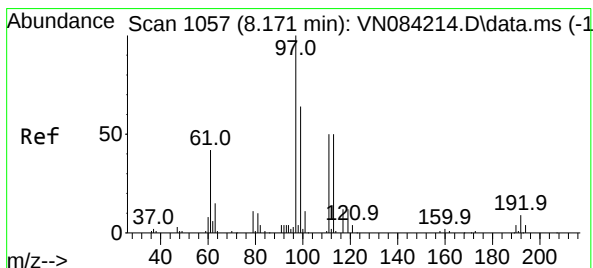
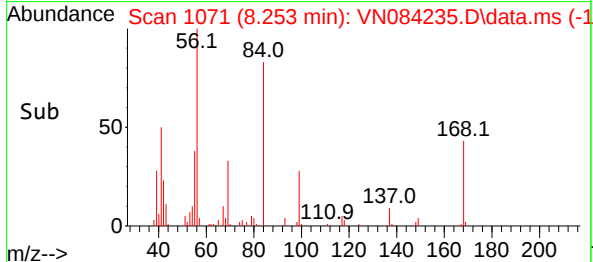
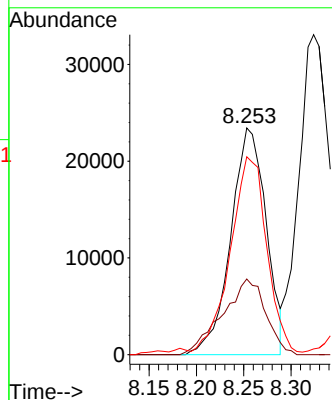
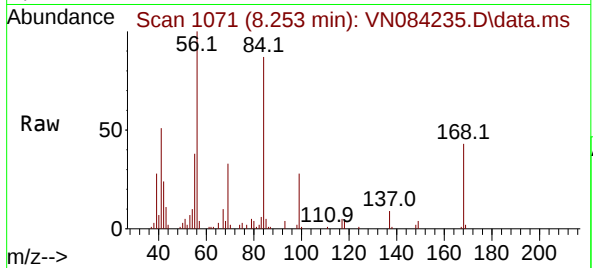




#31
Cyclohexane
Concen: 17.940 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

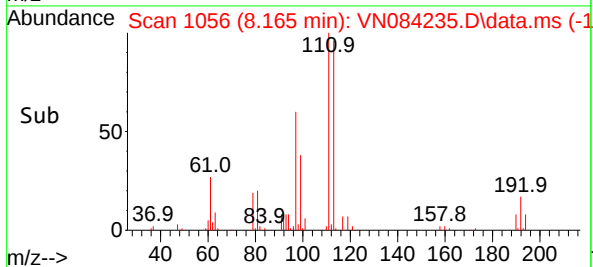
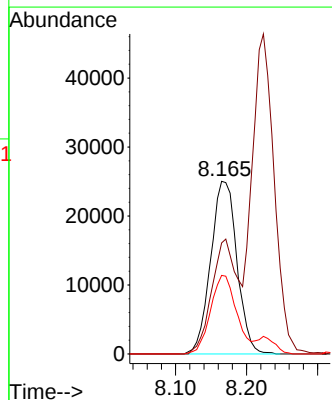
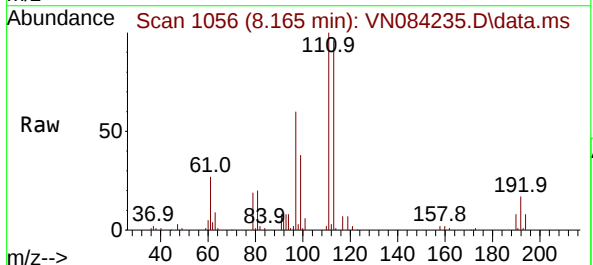
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

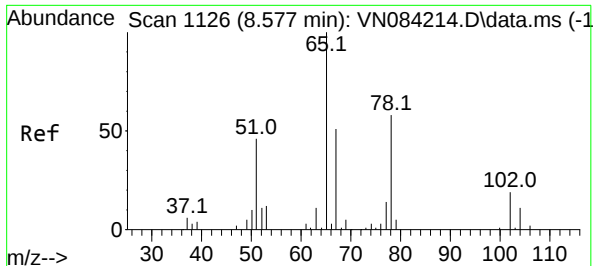
Tgt Ion: 56 Resp: 60908
Ion Ratio Lower Upper
56 100
69 33.4 23.8 35.6
84 84.4 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 19.676 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion: 97 Resp: 64185
Ion Ratio Lower Upper
97 100
99 65.5 51.2 76.8
61 45.1 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 55.288 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

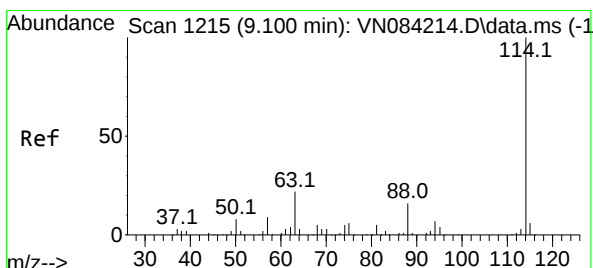
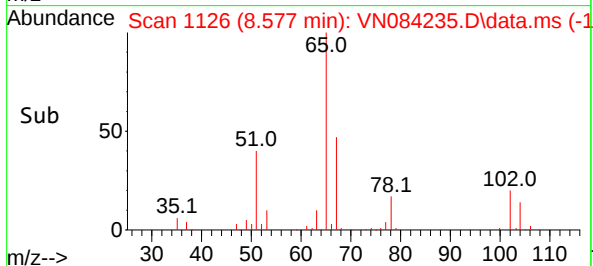
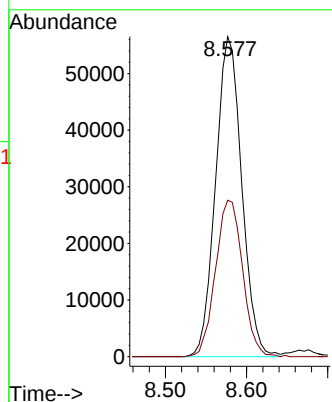
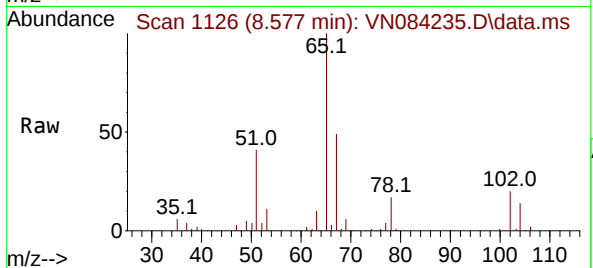
VN1001WBSD01

Tgt Ion: 65 Resp: 126723

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

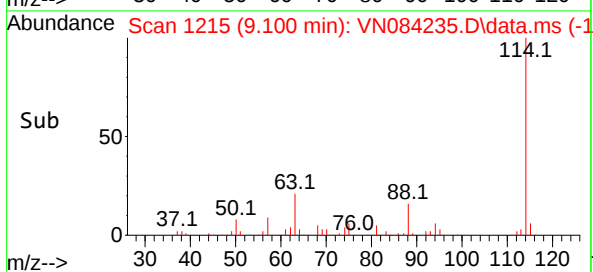
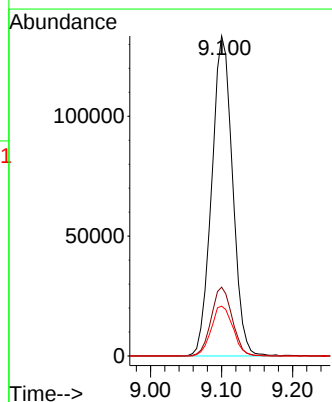
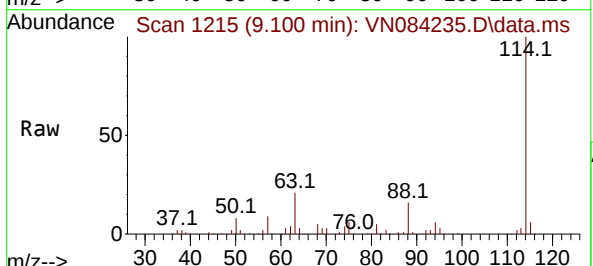
Tgt Ion: 114 Resp: 271725

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.8

88 15.6 0.0 31.6

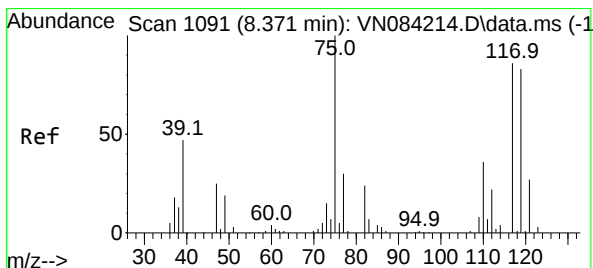
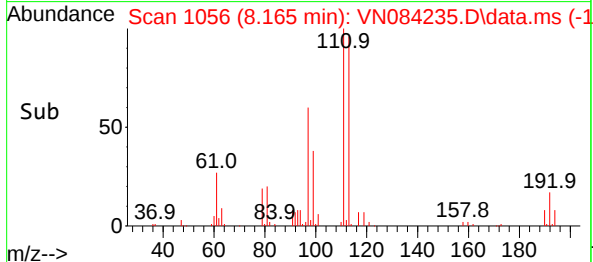
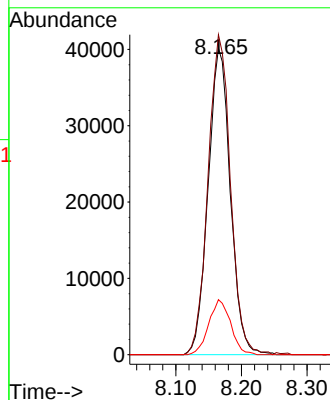
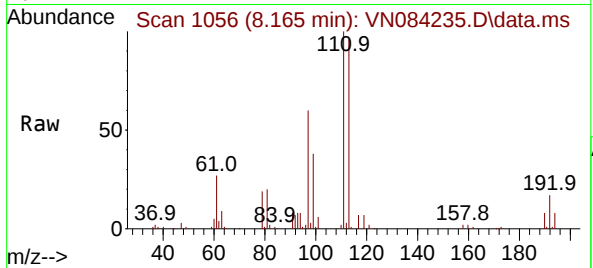




#35
Dibromofluoromethane
Concen: 52.818 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

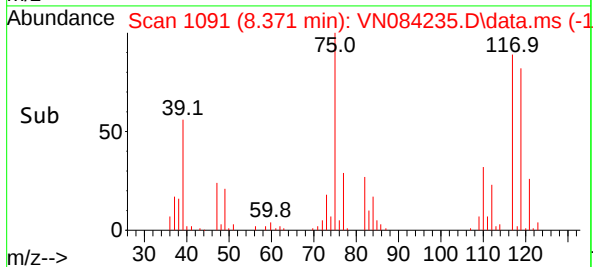
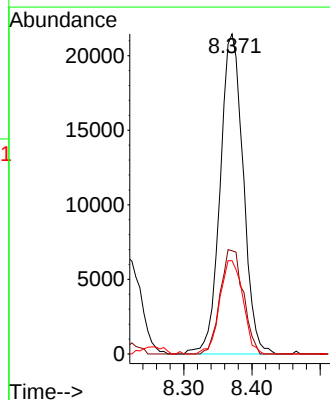
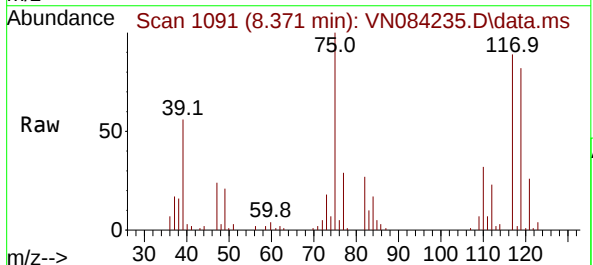
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

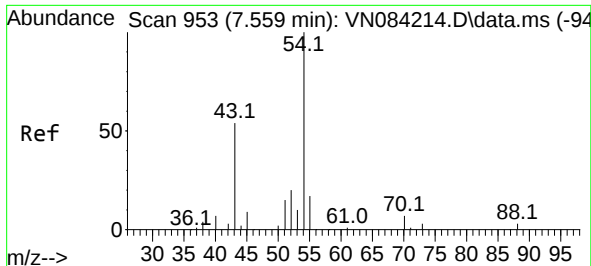
Tgt Ion:113 Resp: 94618
Ion Ratio Lower Upper
113 100
111 105.2 83.3 124.9
192 17.6 13.5 20.3



#36
1,1-Dichloropropene
Concen: 19.375 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion: 75 Resp: 50414
Ion Ratio Lower Upper
75 100
110 32.6 16.9 50.7
77 29.5 24.7 37.1





#37

Ethyl Acetate

Concen: 18.876 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

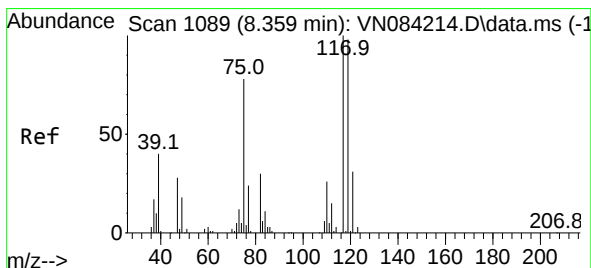
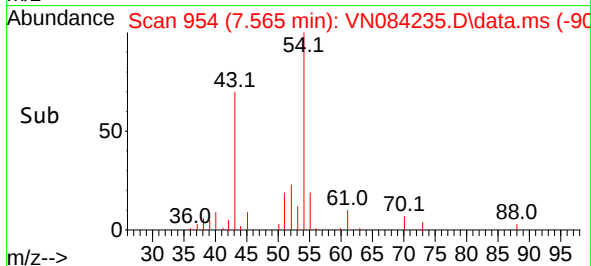
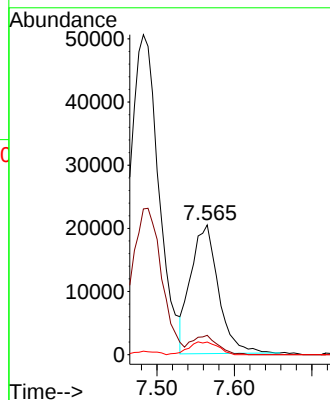
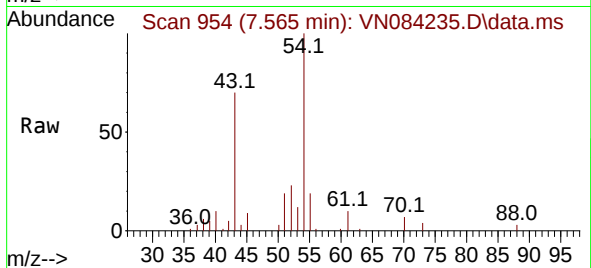
Tgt Ion: 43 Resp: 50389

Ion Ratio Lower Upper

43 100

61 13.9 10.7 16.1

70 10.5 8.8 13.2



#38

Carbon Tetrachloride

Concen: 19.506 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

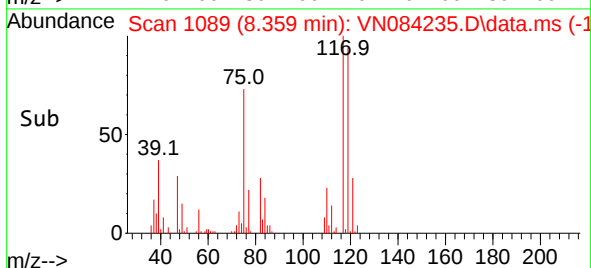
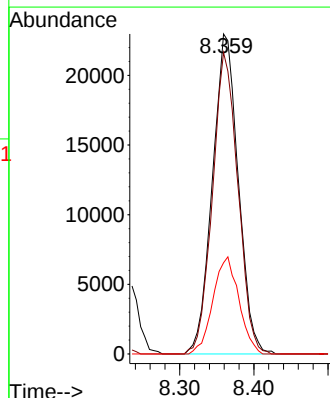
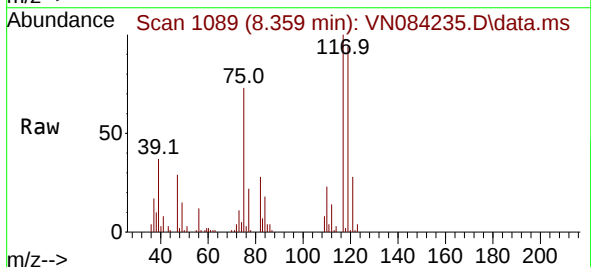
Tgt Ion: 117 Resp: 55675

Ion Ratio Lower Upper

117 100

119 94.2 78.7 118.1

121 28.5 24.4 36.6





#39

Methylcyclohexane

Concen: 18.099 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

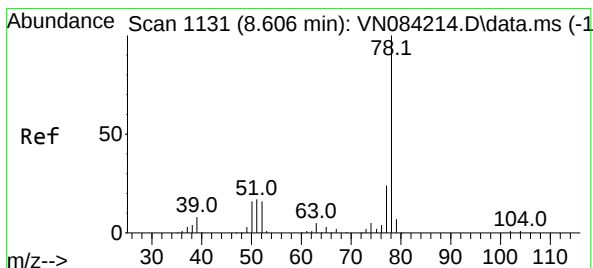
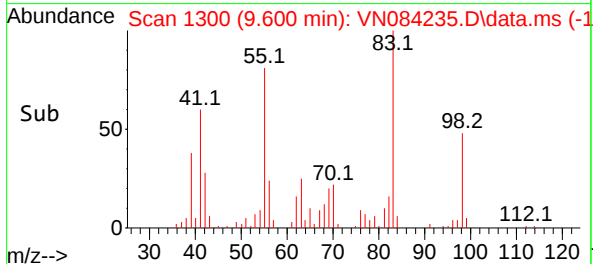
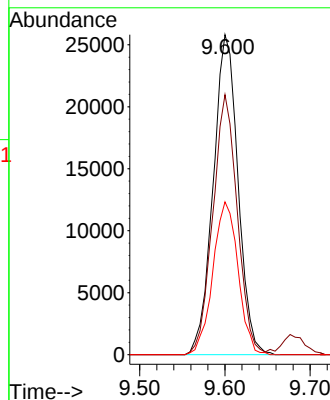
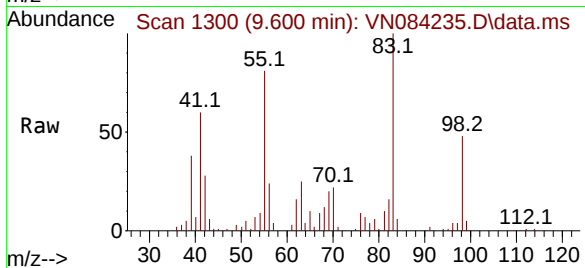
Tgt Ion: 83 Resp: 52414

Ion Ratio Lower Upper

83 100

55 81.3 62.8 94.2

98 47.7 38.8 58.2



#40

Benzene

Concen: 19.250 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN084235.D

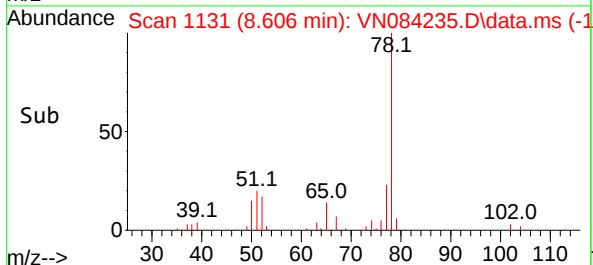
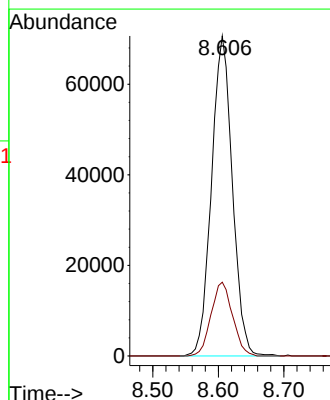
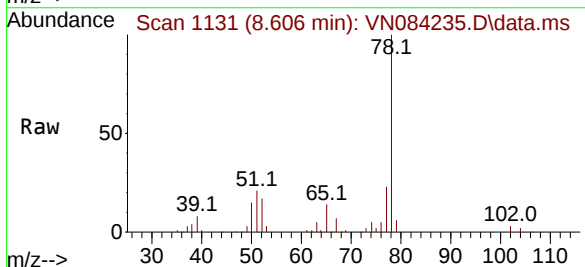
Acq: 01 Oct 2024 13:30

Tgt Ion: 78 Resp: 156062

Ion Ratio Lower Upper

78 100

77 23.1 19.1 28.7

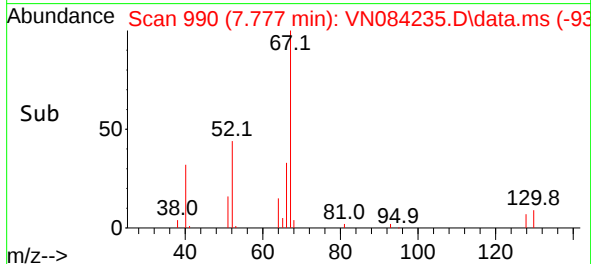
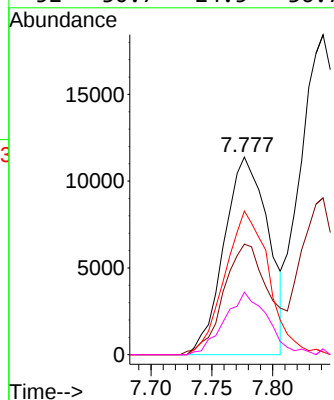
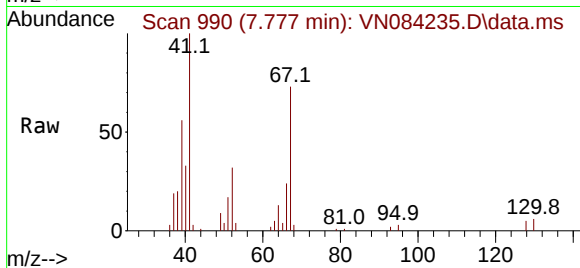




#41
Methacrylonitrile
Concen: 19.893 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

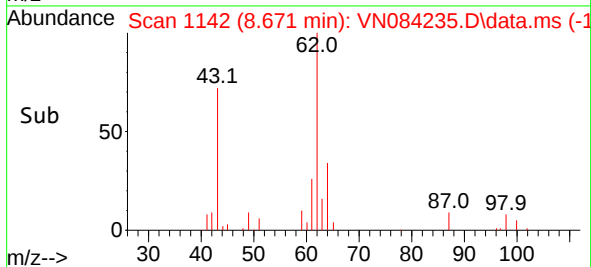
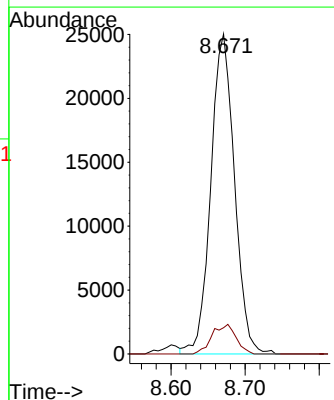
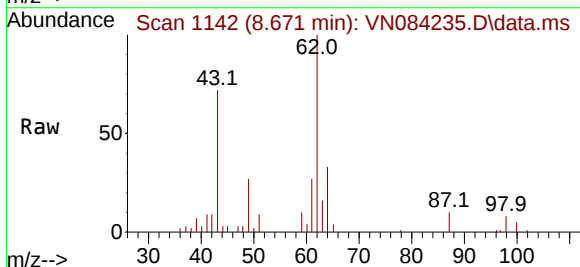
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

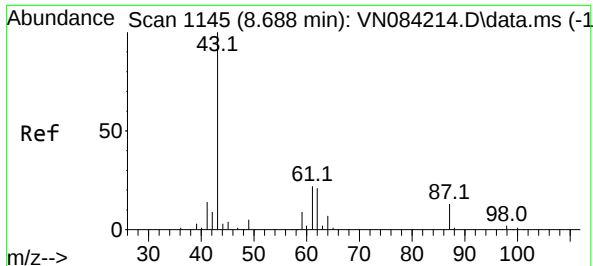
Tgt Ion: 41	Resp: 28829
Ion Ratio	Lower Upper
41 100	
39 58.6	43.3 64.9
67 72.3	56.1 84.1
52 30.7	24.5 36.7



#42
1,2-Dichloroethane
Concen: 20.227 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion: 62	Resp: 55593
Ion Ratio	Lower Upper
62 100	
98 9.4	0.0 18.2

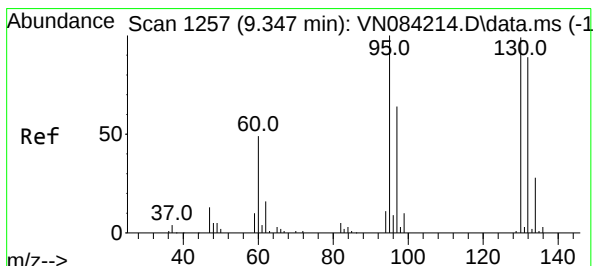
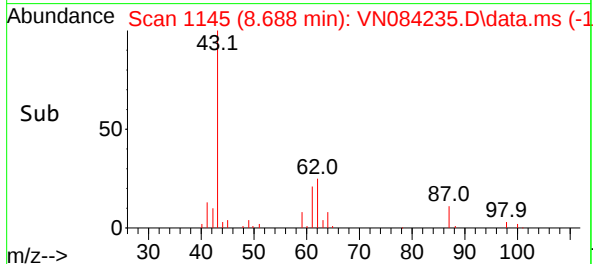
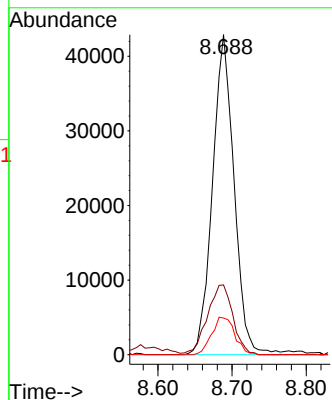
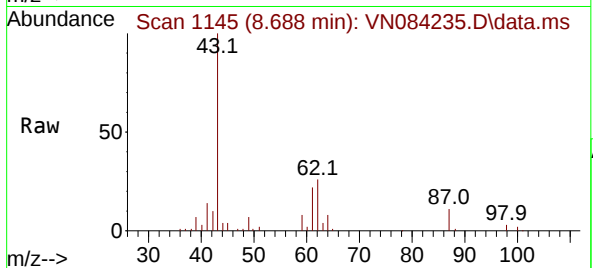




#43
Isopropyl Acetate
Concen: 16.561 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

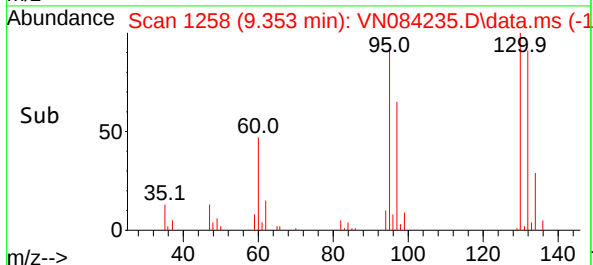
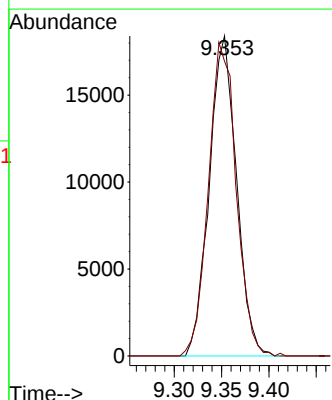
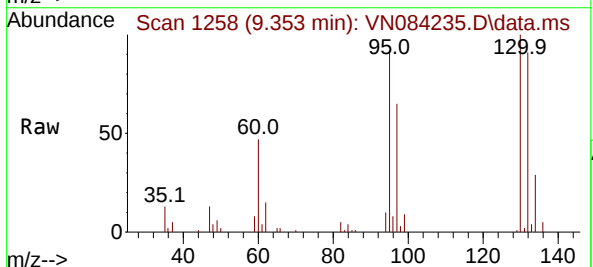
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

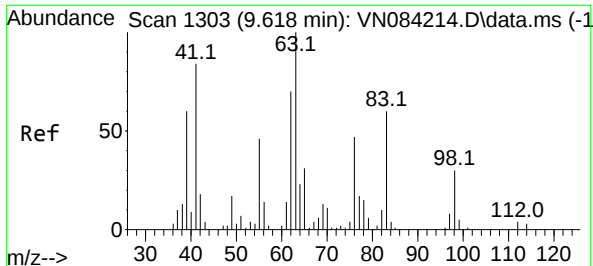
Tgt Ion: 43 Resp: 86594
Ion Ratio Lower Upper
43 100
61 25.9 20.4 30.6
87 12.5 10.3 15.5



#44
Trichloroethene
Concen: 19.420 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion:130 Resp: 36772
Ion Ratio Lower Upper
130 100
95 92.1 0.0 203.0





#45

1,2-Dichloropropane

Concen: 19.929 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

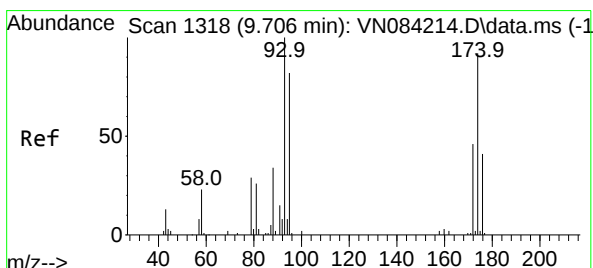
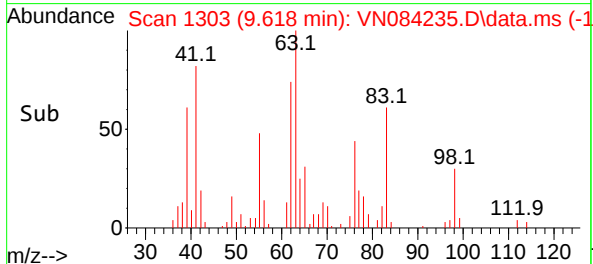
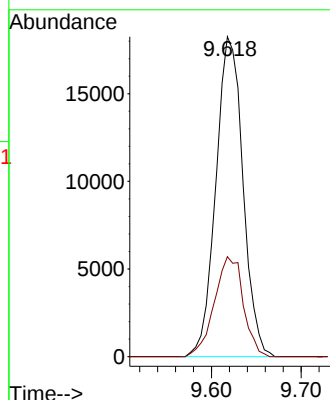
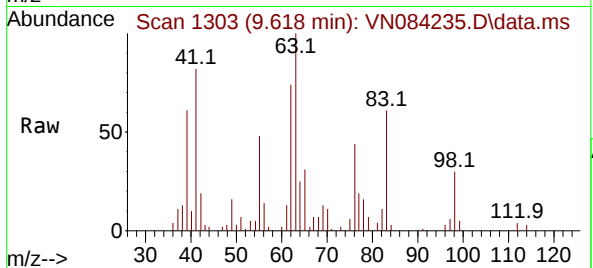
VN1001WBSD01

Tgt Ion: 63 Resp: 38220

Ion Ratio Lower Upper

63 100

65 31.2 24.6 37.0



#46

Dibromomethane

Concen: 20.656 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

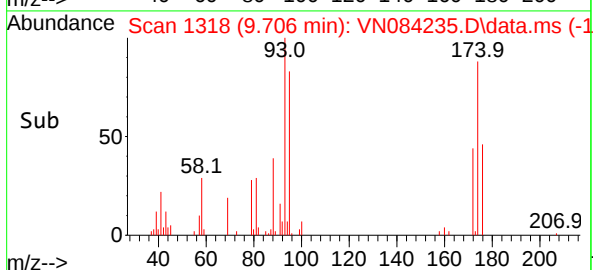
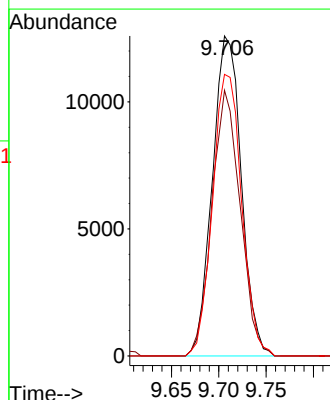
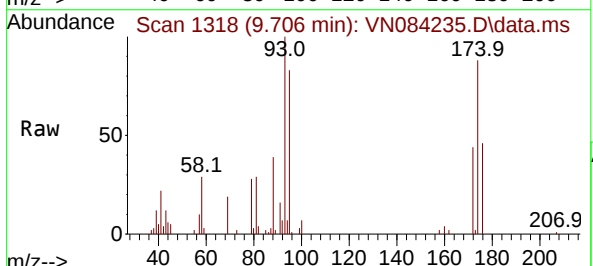
Tgt Ion: 93 Resp: 26733

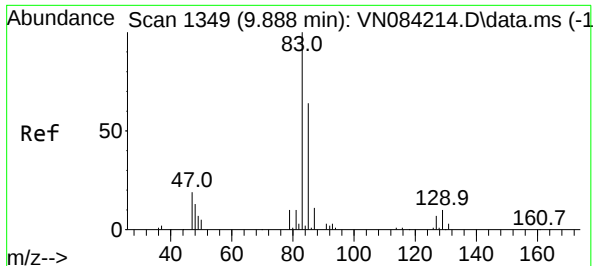
Ion Ratio Lower Upper

93 100

95 81.4 65.0 97.4

174 88.7 71.8 107.8

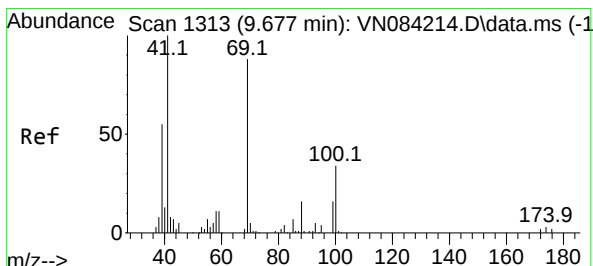
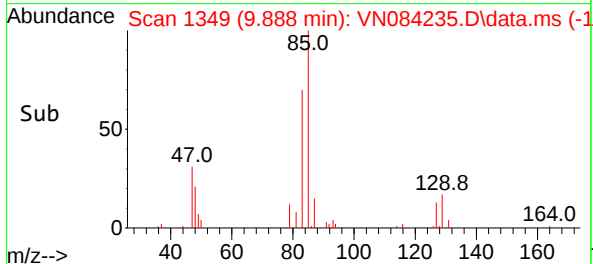
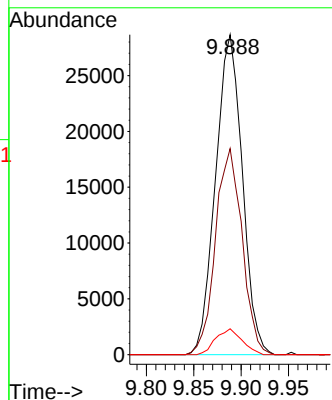
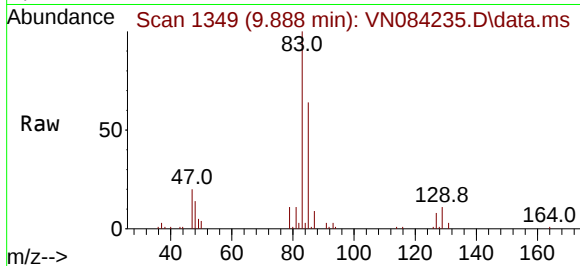




#47
Bromodichloromethane
Concen: 19.619 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

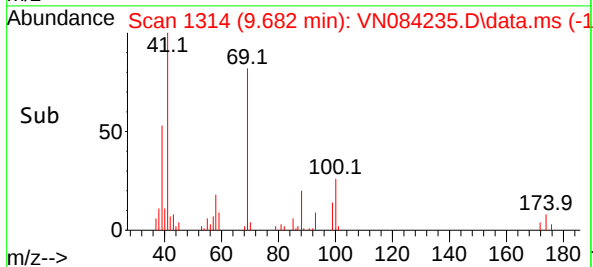
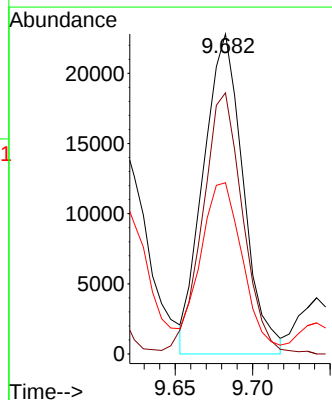
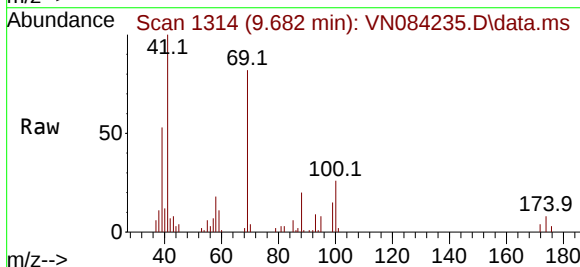
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

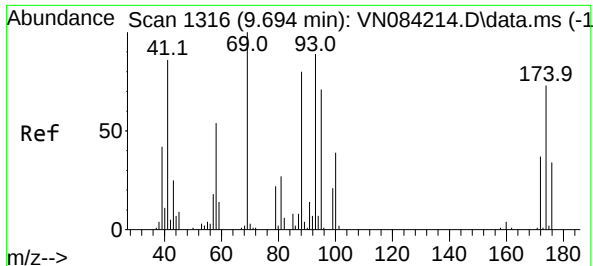
Tgt Ion: 83 Resp: 56413
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3
127 8.1 5.7 8.5



#48
Methyl methacrylate
Concen: 19.581 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion: 41 Resp: 40756
Ion Ratio Lower Upper
41 100
69 82.7 67.1 100.7
39 57.0 45.8 68.6





#49

1,4-Dioxane

Concen: 395.861 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

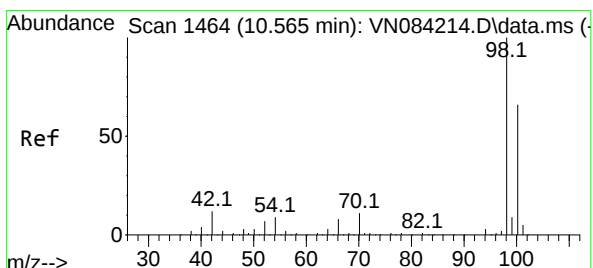
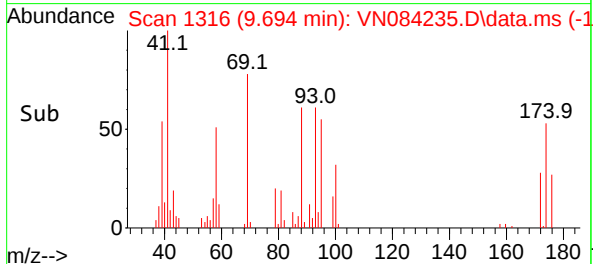
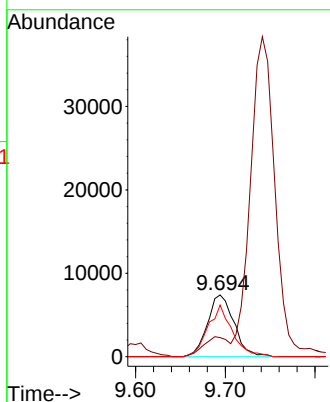
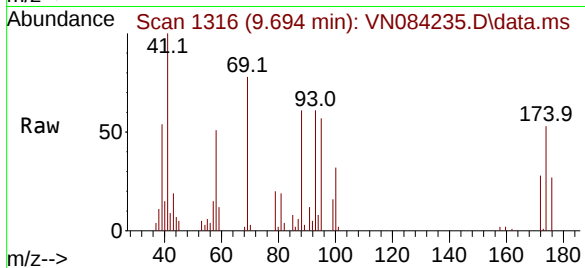
Tgt Ion: 88 Resp: 15169

Ion Ratio Lower Upper

88 100

43 30.7 25.3 37.9

58 77.3 56.4 84.6



#50

Toluene-d8

Concen: 54.821 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084235.D

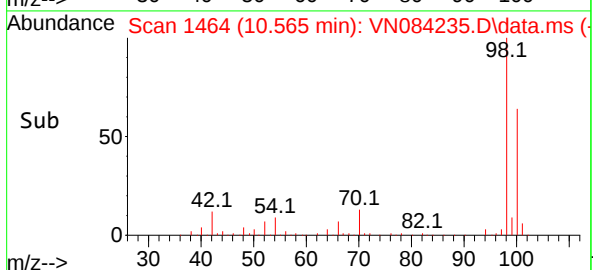
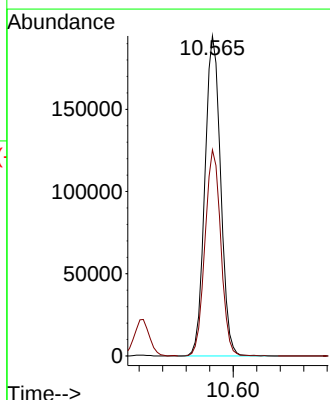
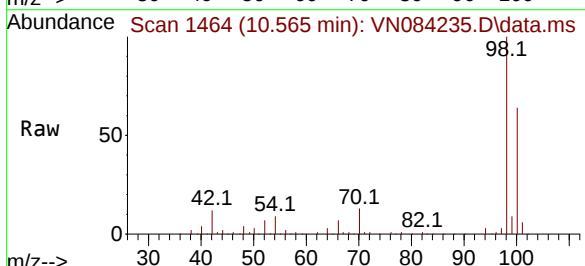
Acq: 01 Oct 2024 13:30

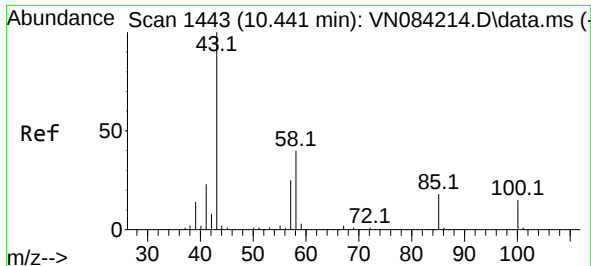
Tgt Ion: 98 Resp: 361306

Ion Ratio Lower Upper

98 100

100 64.8 52.7 79.1

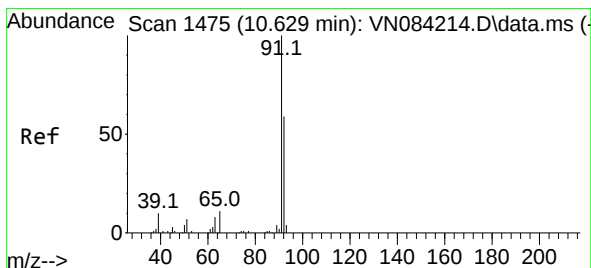
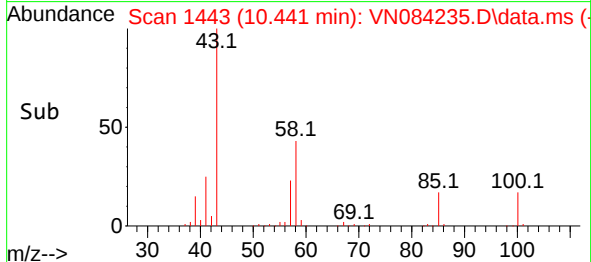
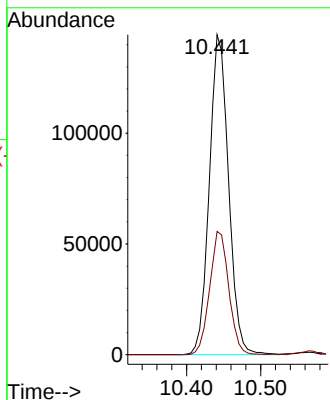
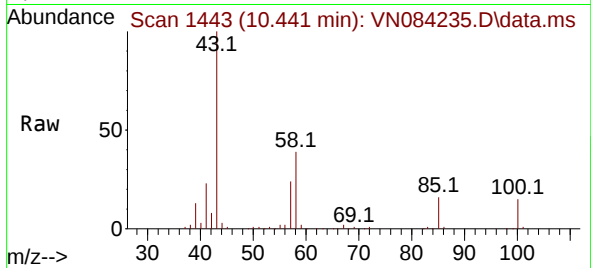




#51
4-Methyl-2-Pentanone
Concen: 102.420 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

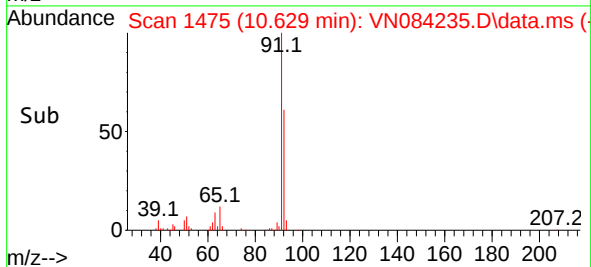
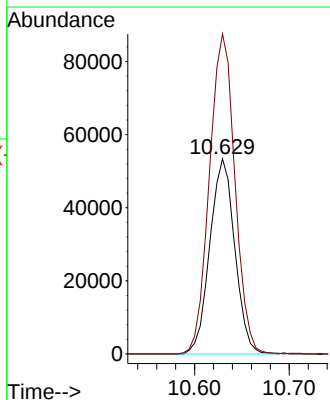
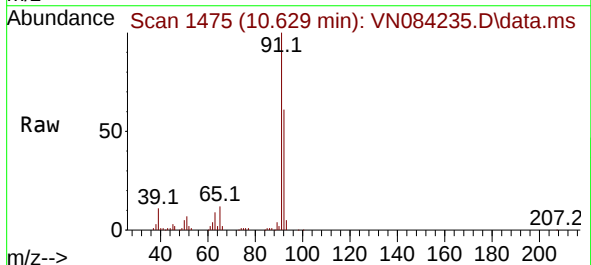
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

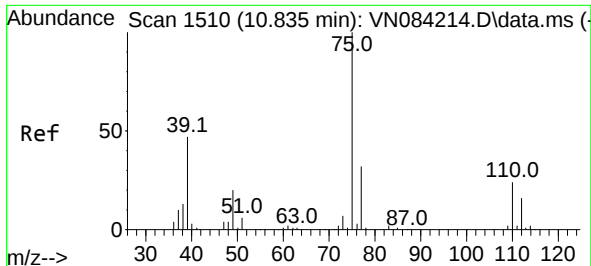
Tgt Ion: 43 Resp: 260273
Ion Ratio Lower Upper
43 100
58 38.4 31.6 47.4



#52
Toluene
Concen: 19.738 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion: 92 Resp: 97578
Ion Ratio Lower Upper
92 100
91 167.8 137.3 205.9

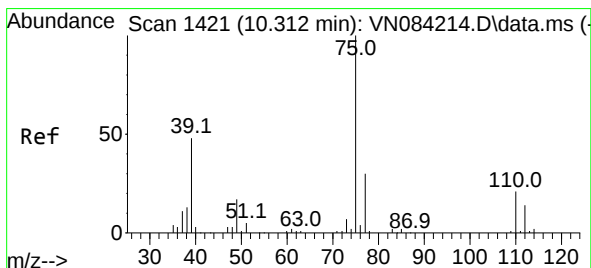
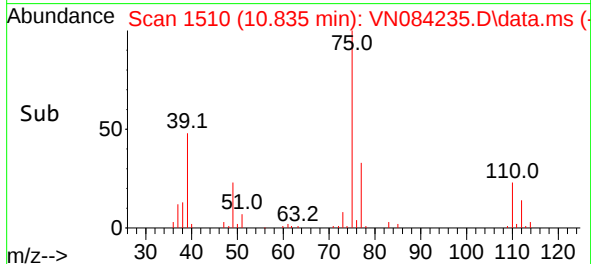
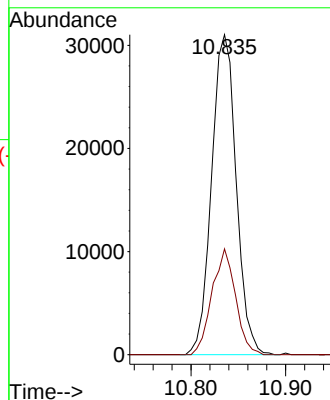
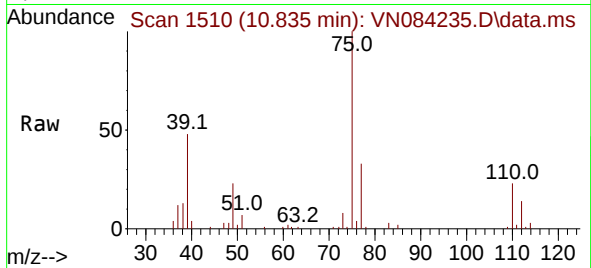




#53
 t-1,3-Dichloropropene
 Concen: 19.135 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN084235.D
 Acq: 01 Oct 2024 13:30

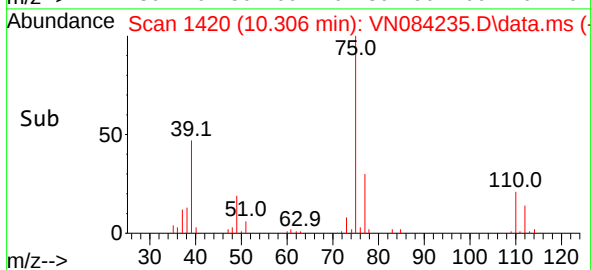
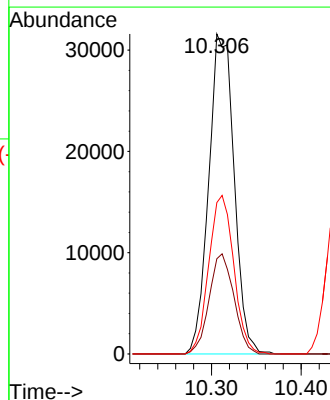
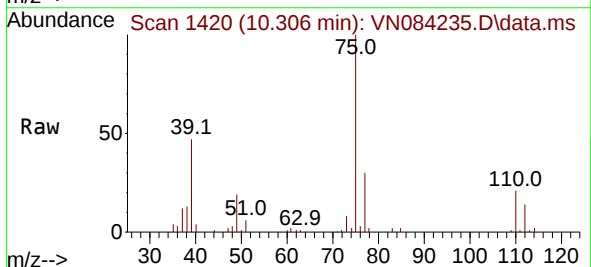
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

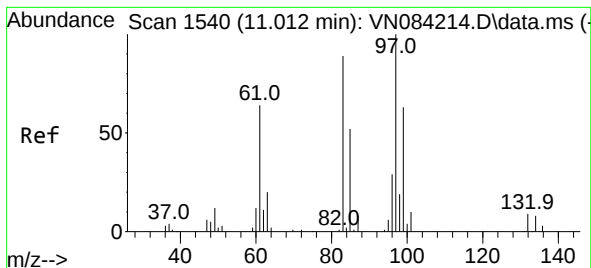
Tgt Ion: 75 Resp: 56086
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.667 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN084235.D
 Acq: 01 Oct 2024 13:30

Tgt Ion: 75 Resp: 62004
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.2 36.2
 39 47.3 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 20.527 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

Tgt Ion: 97 Resp: 36379

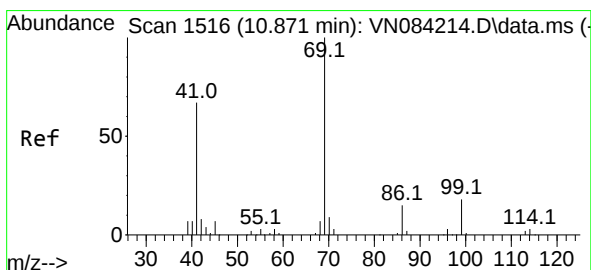
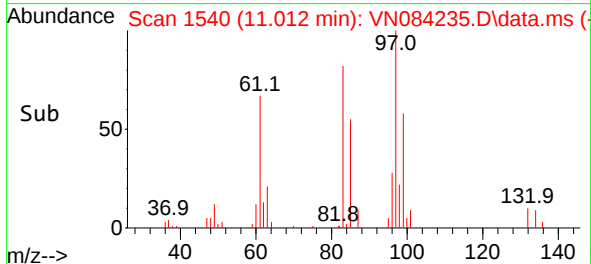
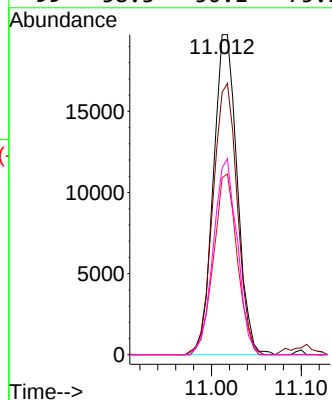
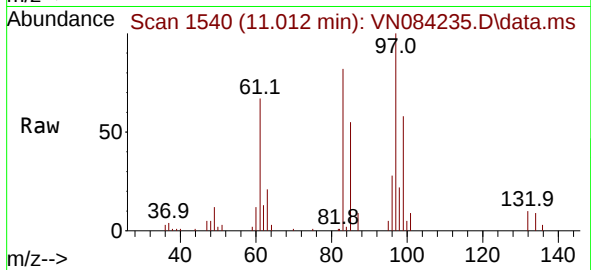
Ion Ratio Lower Upper

97 100

83 82.0 71.0 106.4

85 55.3 41.7 62.5

99 58.3 50.1 75.1



#56

Ethyl methacrylate

Concen: 19.541 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

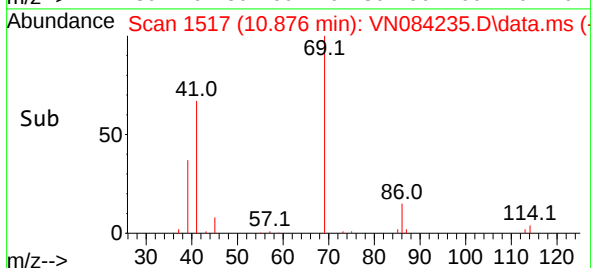
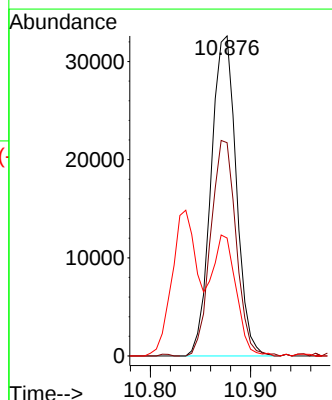
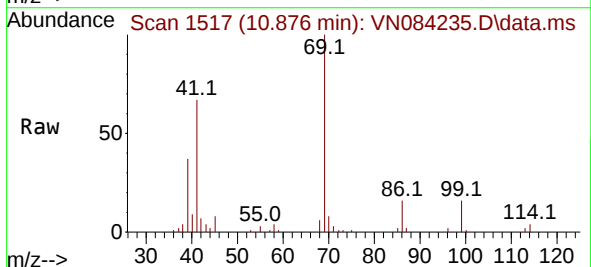
Tgt Ion: 69 Resp: 56987

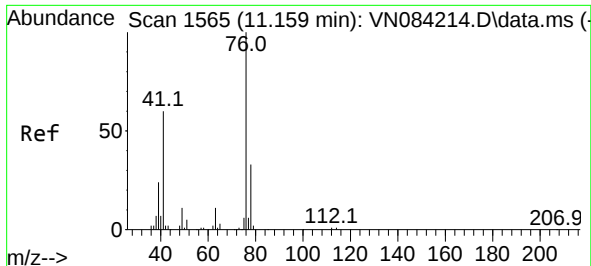
Ion Ratio Lower Upper

69 100

41 67.7 53.3 79.9

39 36.5 28.8 43.2





#57

1,3-Dichloropropane

Concen: 19.848 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

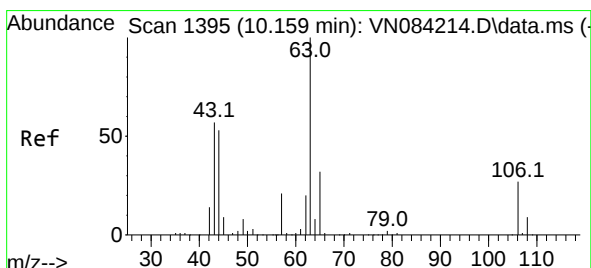
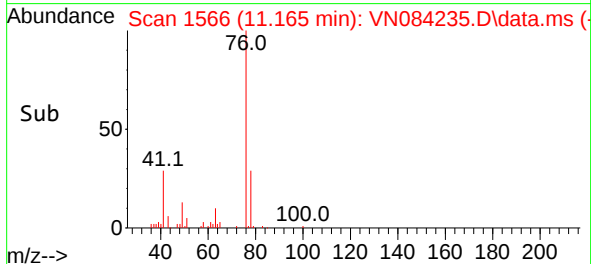
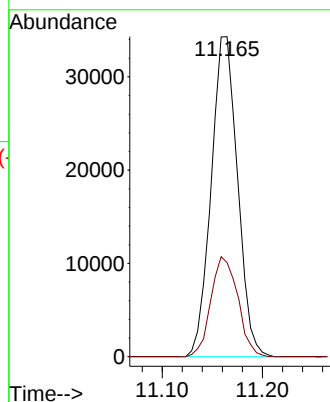
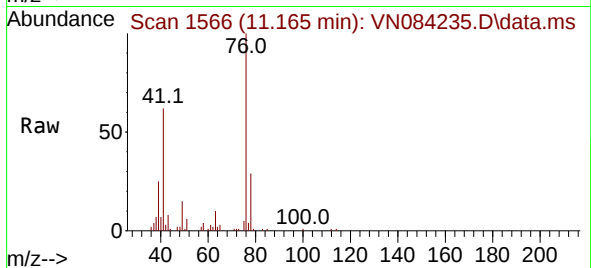
VN1001WBSD01

Tgt Ion: 76 Resp: 62854

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 96.895 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN084235.D

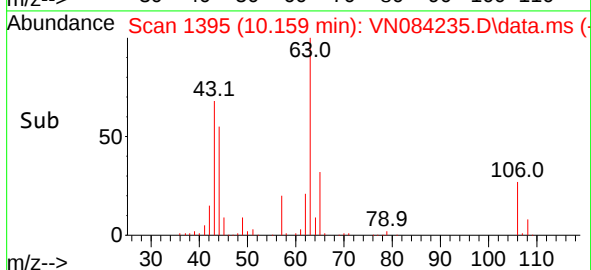
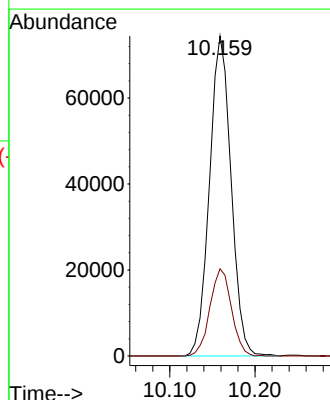
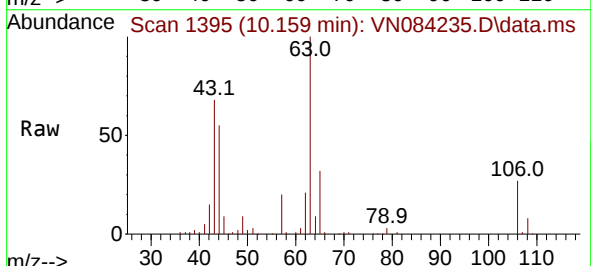
Acq: 01 Oct 2024 13:30

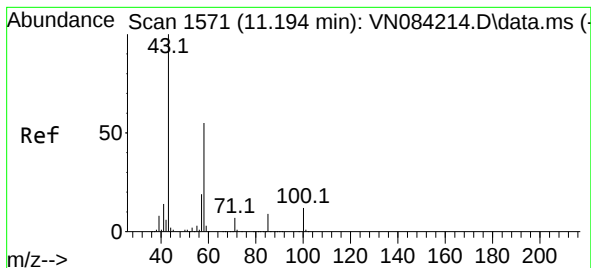
Tgt Ion: 63 Resp: 131080

Ion Ratio Lower Upper

63 100

106 27.1 21.8 32.6

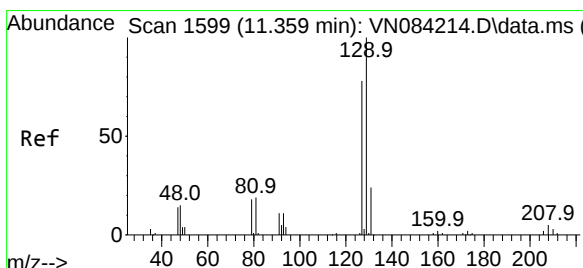
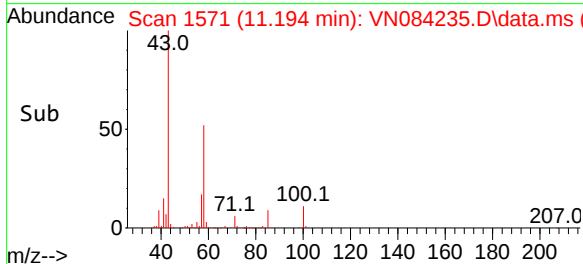
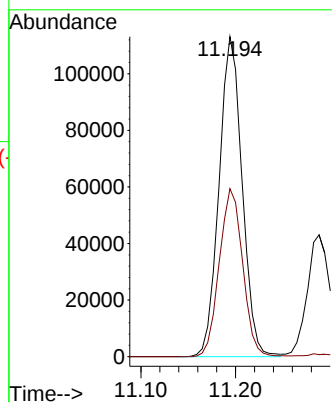
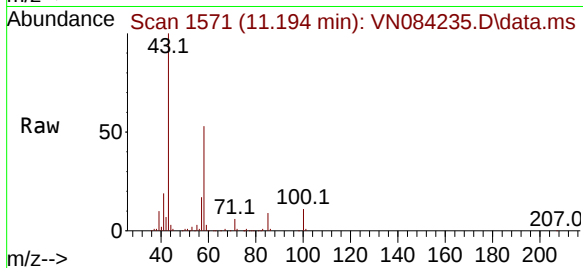




#59
2-Hexanone
Concen: 100.950 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

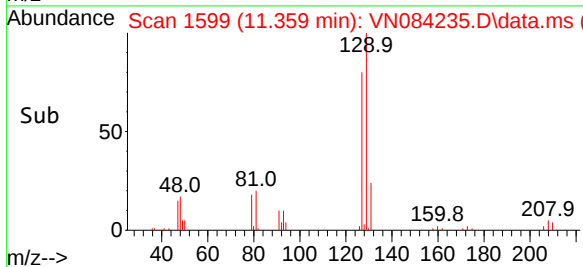
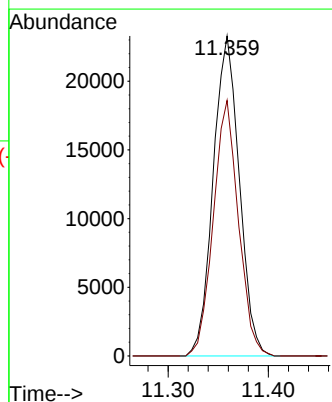
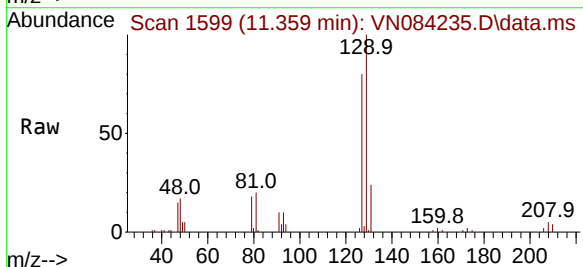
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

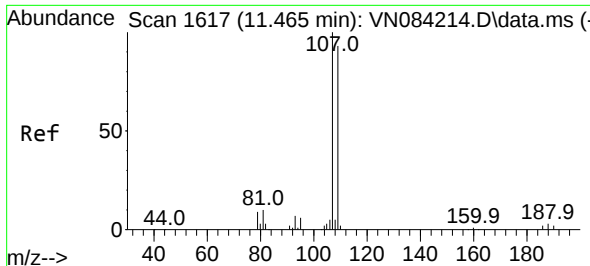
Tgt Ion: 43 Resp: 191740
Ion Ratio Lower Upper
43 100
58 53.1 27.3 81.8



#60
Dibromochloromethane
Concen: 20.105 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion:129 Resp: 42099
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.9

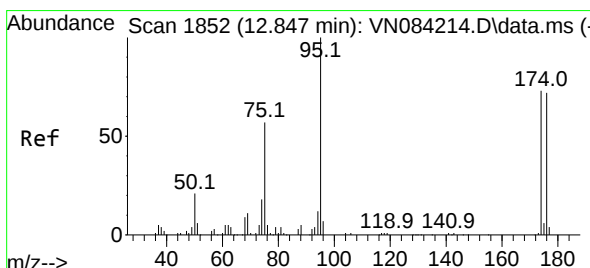
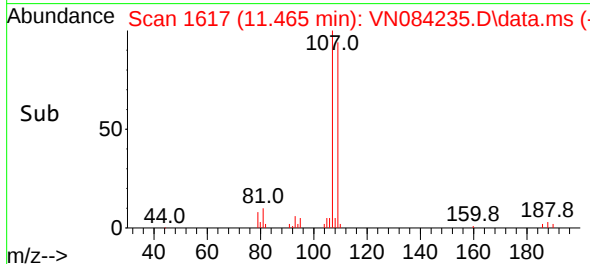
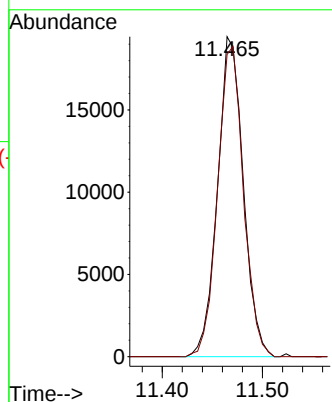
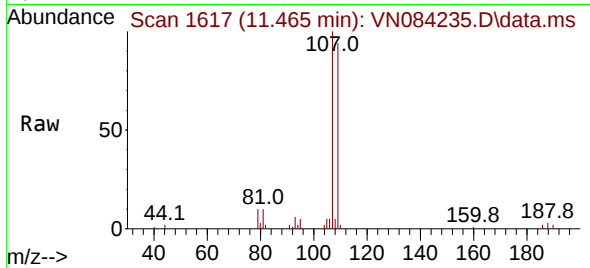




#61
1,2-Dibromoethane
Concen: 18.844 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

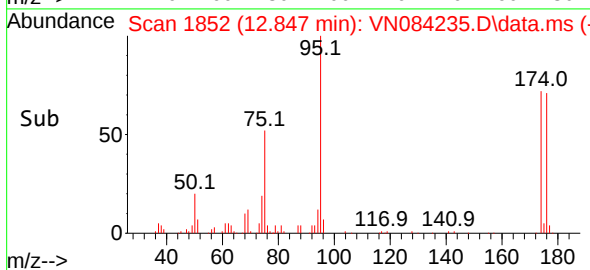
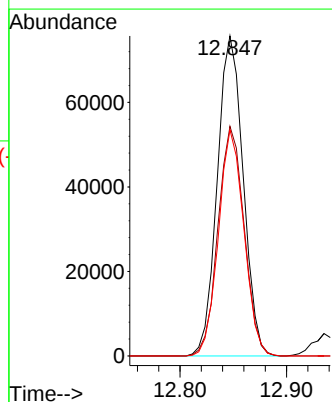
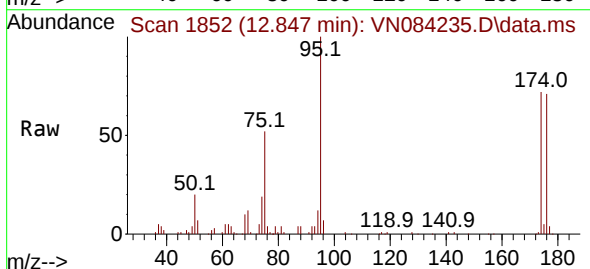
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

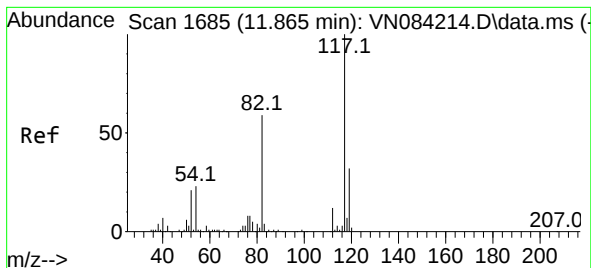
Tgt Ion:107 Resp: 34703
Ion Ratio Lower Upper
107 100
109 97.2 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 53.268 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion: 95 Resp: 127900
Ion Ratio Lower Upper
95 100
174 72.3 0.0 145.2
176 69.3 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

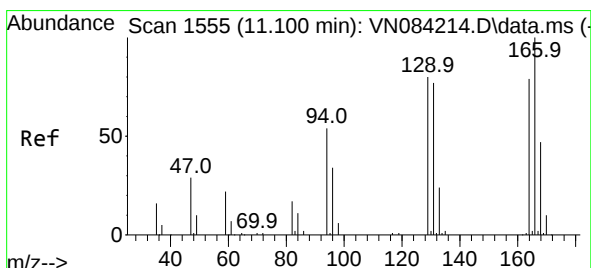
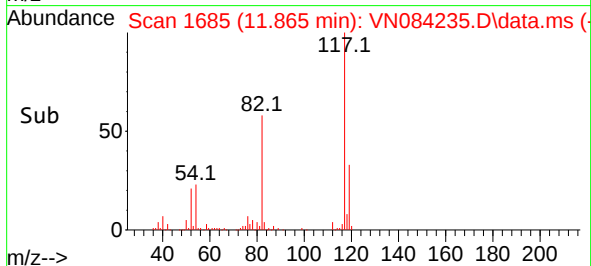
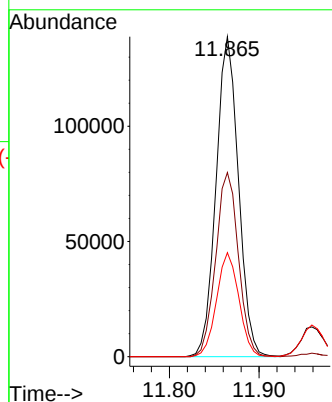
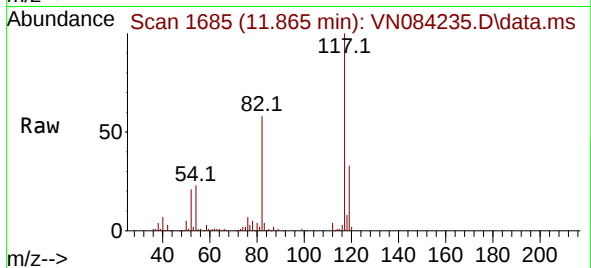
Tgt Ion:117 Resp: 240941

Ion Ratio Lower Upper

117 100

82 57.5 47.2 70.8

119 32.5 25.4 38.0



#64

Tetrachloroethene

Concen: 19.050 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Tgt Ion:164 Resp: 31969

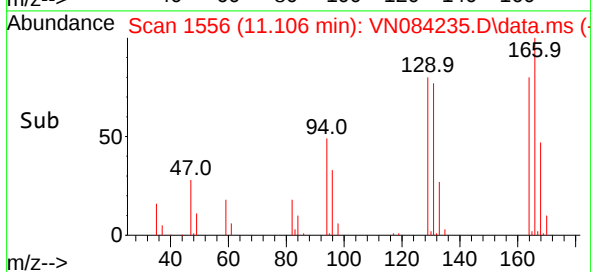
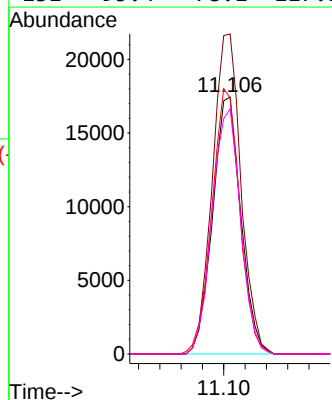
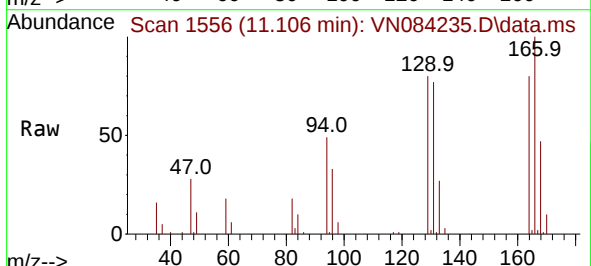
Ion Ratio Lower Upper

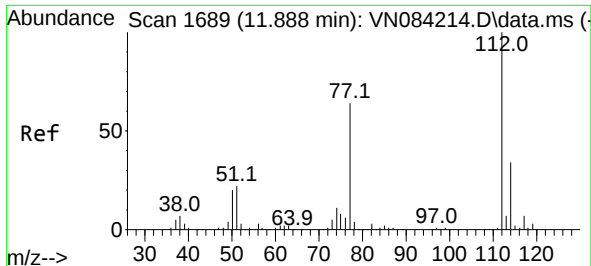
164 100

166 124.5 101.0 151.4

129 99.6 80.8 121.2

131 95.4 78.1 117.1

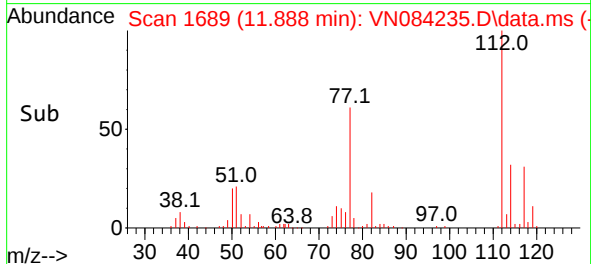
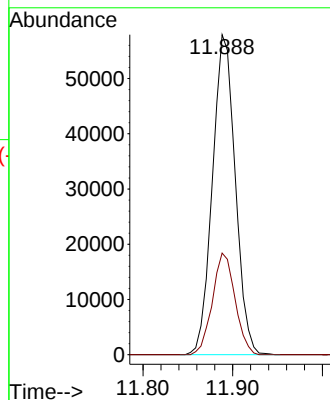
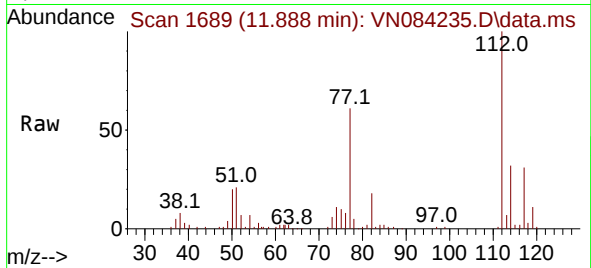




#65
Chlorobenzene
Concen: 19.149 ug/l
RT: 11.888 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

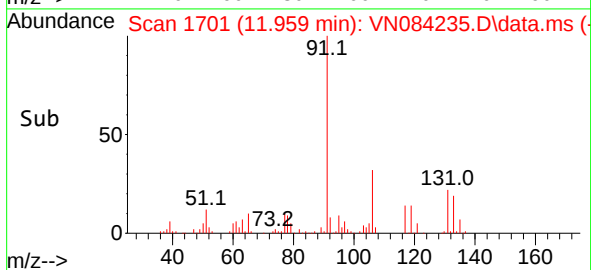
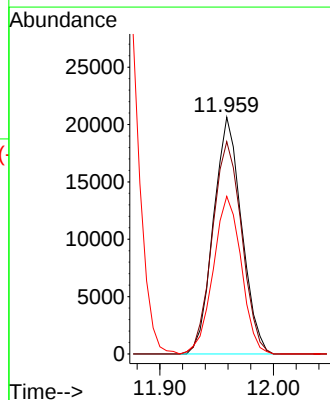
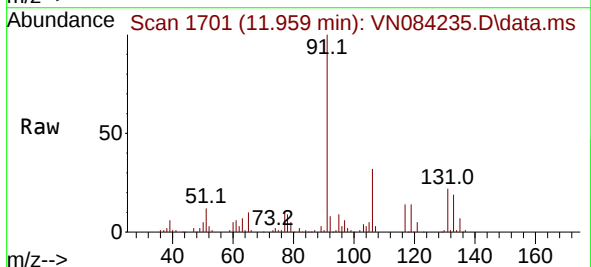
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tgt Ion:112 Resp: 102297
Ion Ratio Lower Upper
112 100
114 31.7 27.0 40.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.324 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion:131 Resp: 35557
Ion Ratio Lower Upper
131 100
133 93.7 47.9 143.7
119 66.4 32.8 98.3

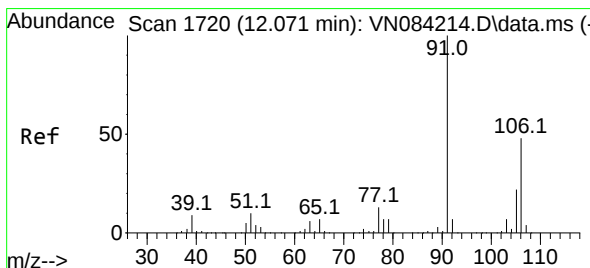
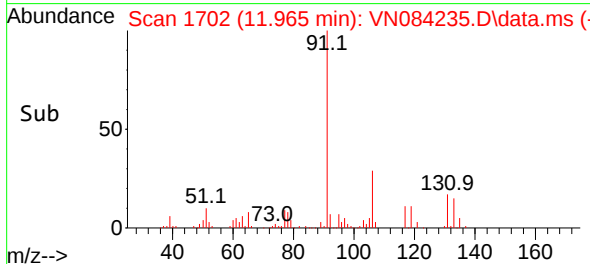
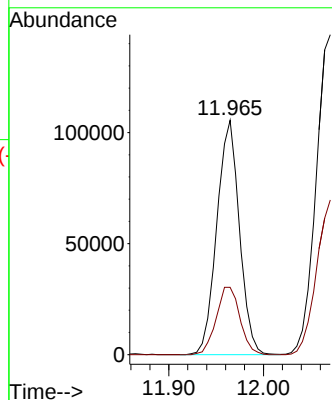
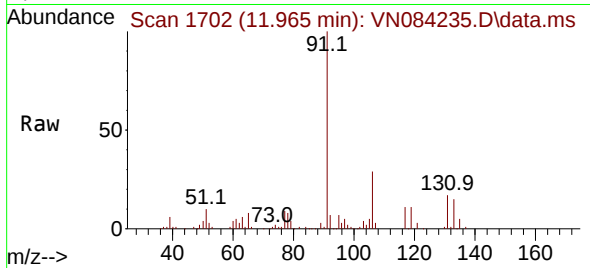




#67
Ethyl Benzene
Concen: 18.514 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

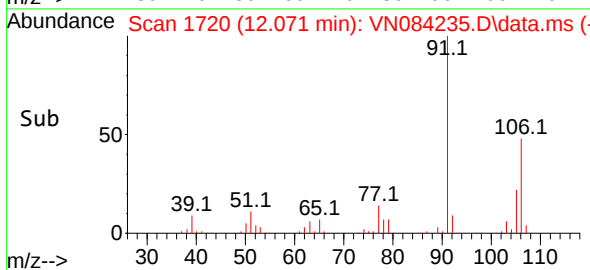
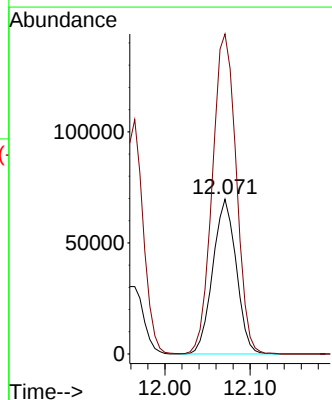
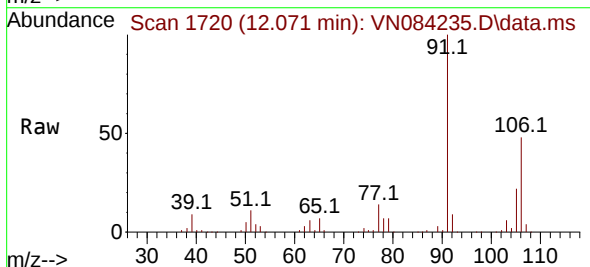
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

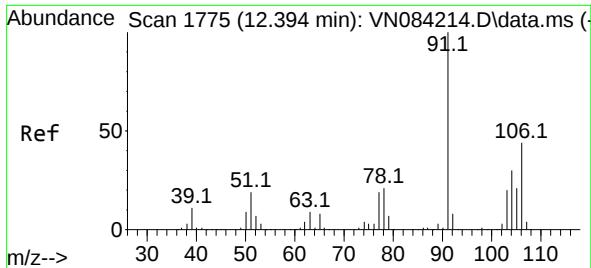
Tgt Ion: 91 Resp: 174910
Ion Ratio Lower Upper
91 100
106 28.7 24.5 36.7



#68
m/p-Xylenes
Concen: 38.088 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion:106 Resp: 133109
Ion Ratio Lower Upper
106 100
91 210.8 167.1 250.7

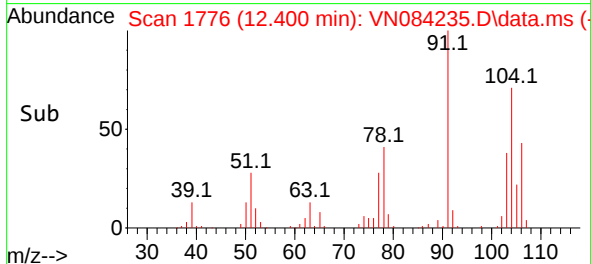
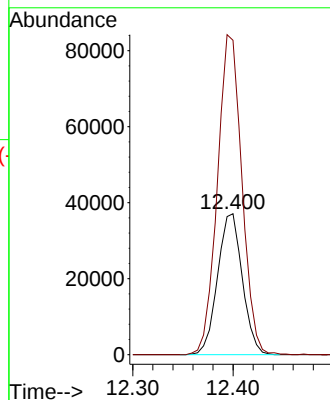
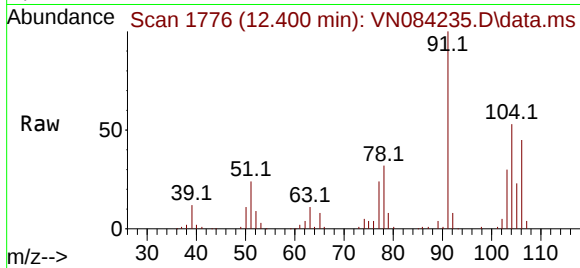




#69
o-Xylene
Concen: 19.221 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

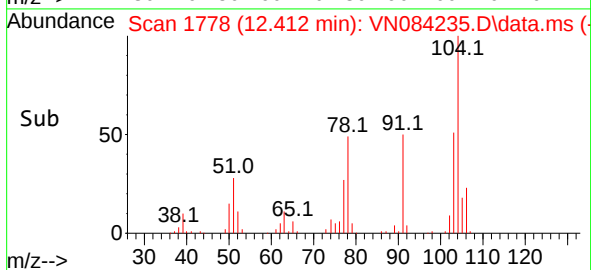
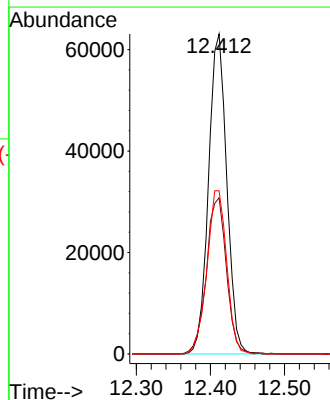
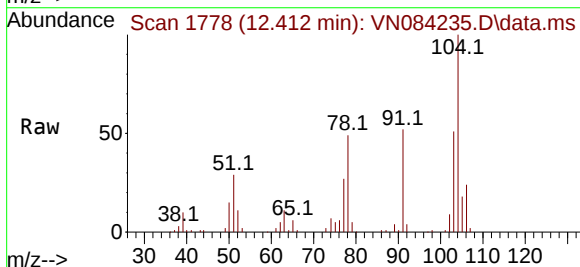
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tgt Ion:106 Resp: 63552
Ion Ratio Lower Upper
106 100
91 225.0 110.2 330.6



#70
Styrene
Concen: 19.287 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion:104 Resp: 108015
Ion Ratio Lower Upper
104 100
78 53.7 42.7 64.1
103 55.3 43.6 65.4





#71

Bromoform

Concen: 19.500 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

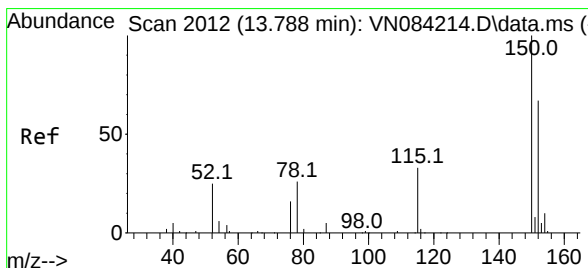
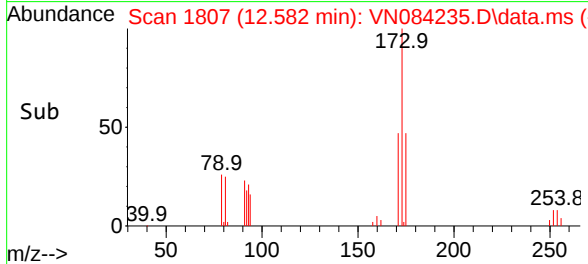
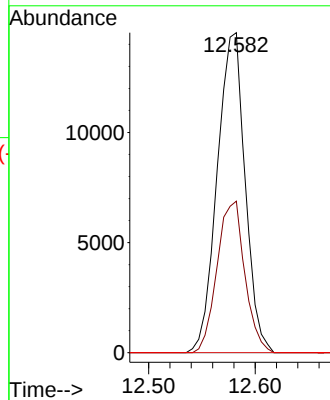
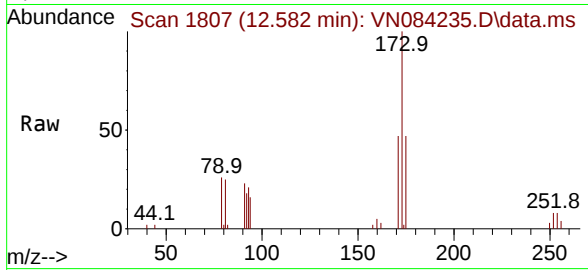
Tgt Ion:173 Resp: 26417

Ion Ratio Lower Upper

173 100

175 47.0 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

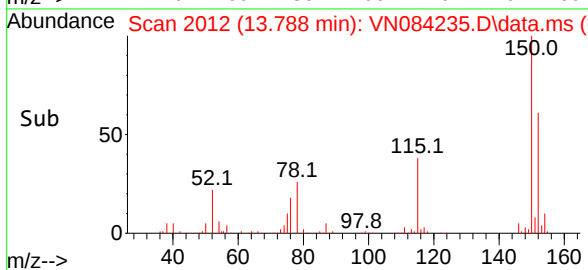
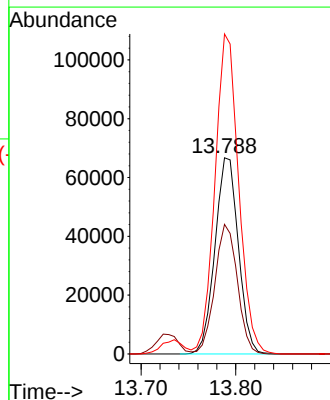
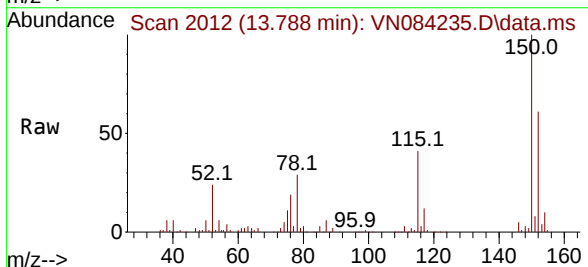
Tgt Ion:152 Resp: 114498

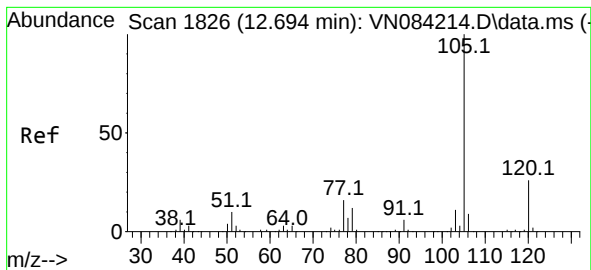
Ion Ratio Lower Upper

152 100

115 63.8 31.3 93.9

150 165.1 0.0 349.8





#73

Isopropylbenzene

Concen: 18.568 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

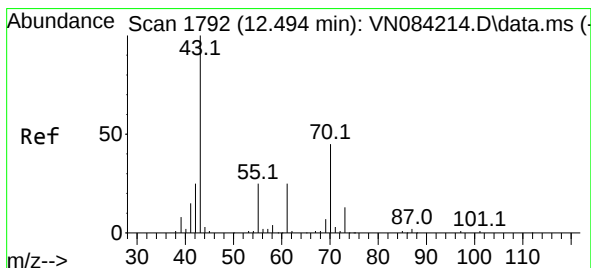
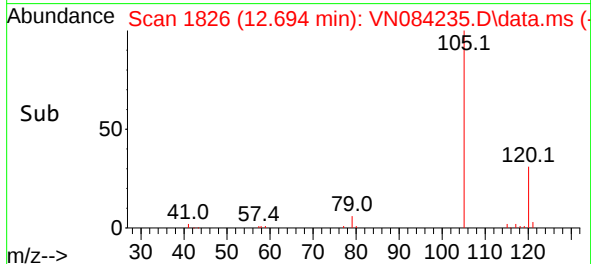
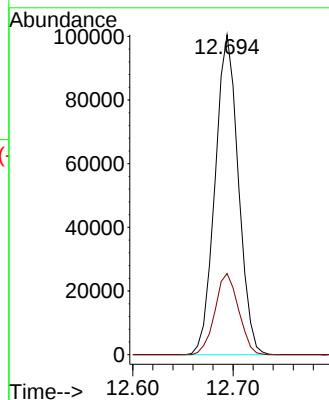
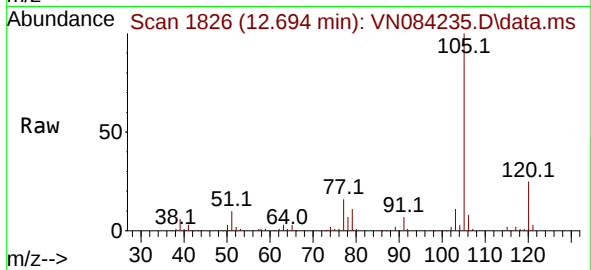
VN1001WBSD01

Tgt Ion:105 Resp: 162233

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.7



#74

N-ethyl acetate

Concen: 18.720 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Tgt Ion: 43 Resp: 74067

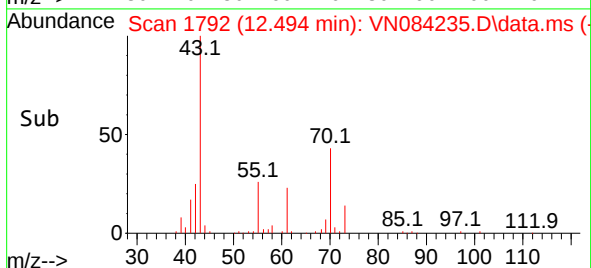
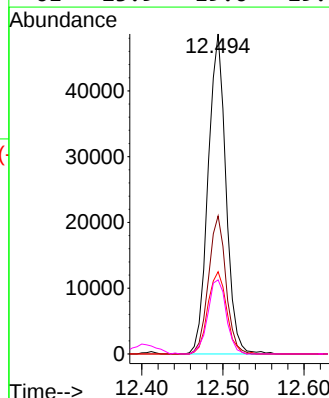
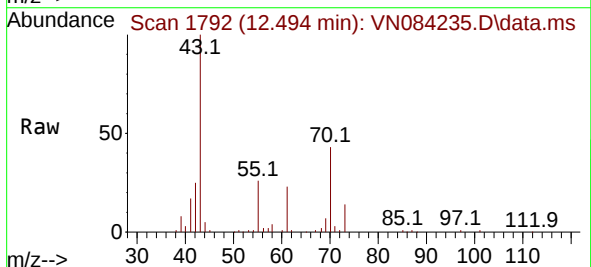
Ion Ratio Lower Upper

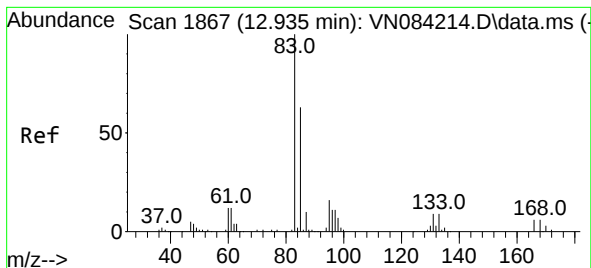
43 100

70 42.2 34.4 51.6

55 26.9 19.6 29.4

61 23.9 19.6 29.4

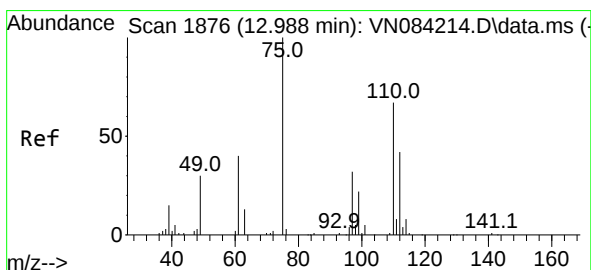
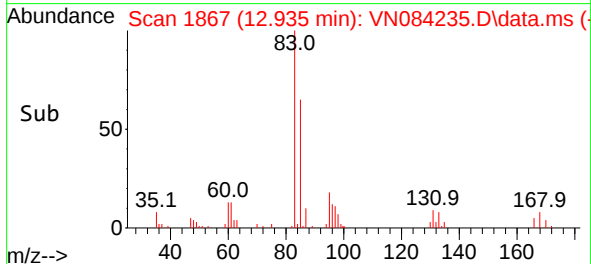
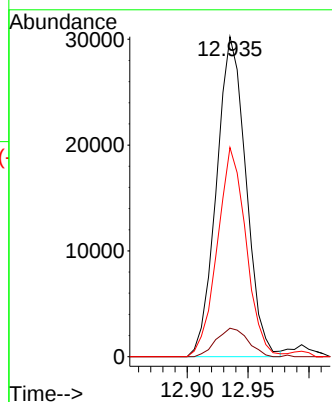
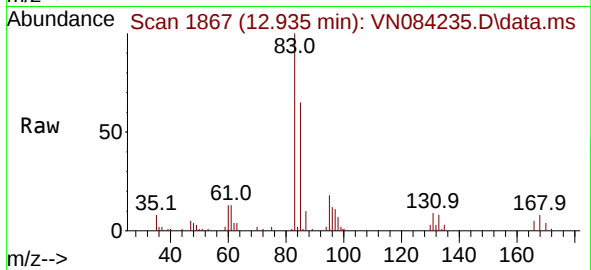




#75
1,1,2,2-Tetrachloroethane
Concen: 19.429 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

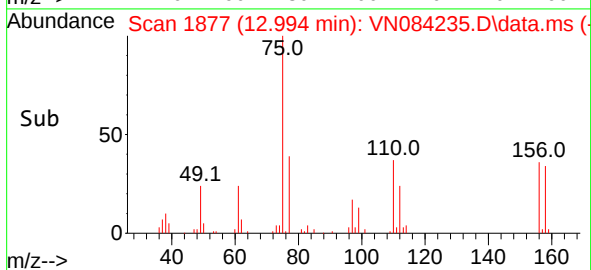
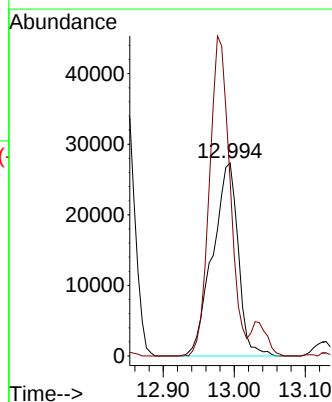
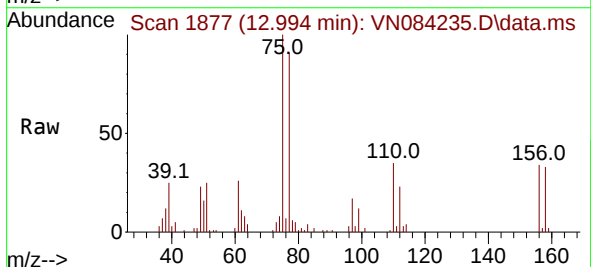
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

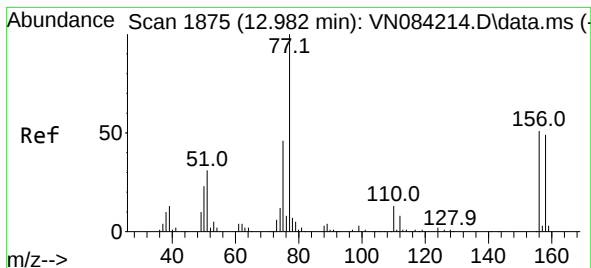
Tgt Ion: 83 Resp: 51043
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 63.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 29.206 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion: 75 Resp: 68270
Ion Ratio Lower Upper
75 100
77 133.1 96.9 290.7





#77

Bromobenzene

Concen: 18.631 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

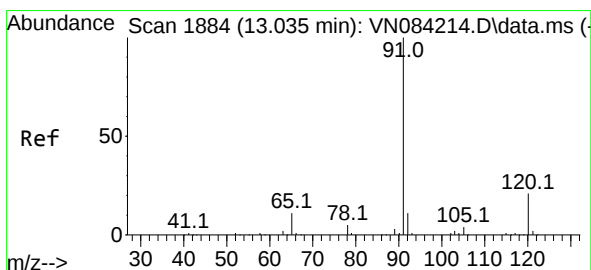
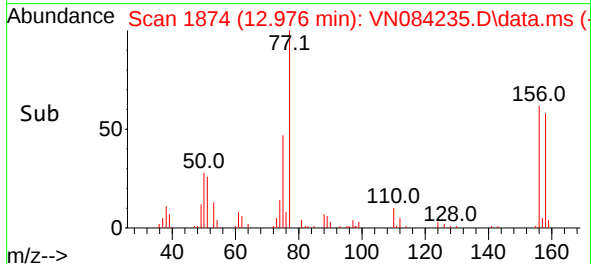
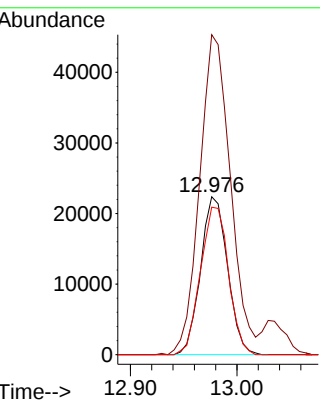
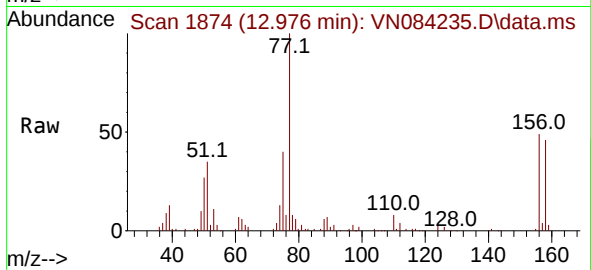
Tgt Ion:156 Resp: 39266

Ion Ratio Lower Upper

156 100

77 231.5 115.1 345.3

158 97.3 48.9 146.8



#78

n-propylbenzene

Concen: 19.299 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084235.D

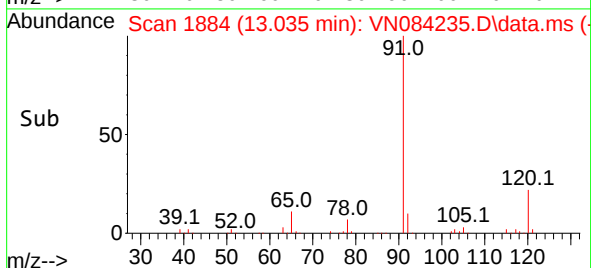
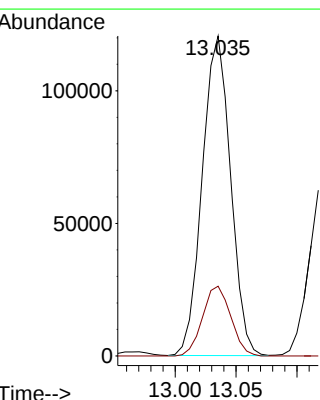
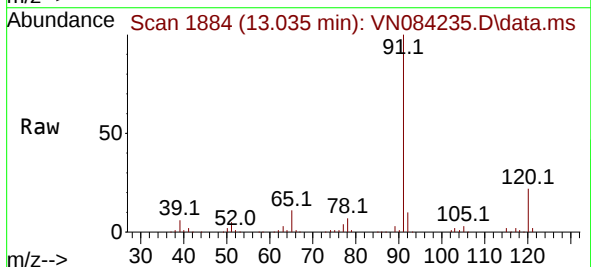
Acq: 01 Oct 2024 13:30

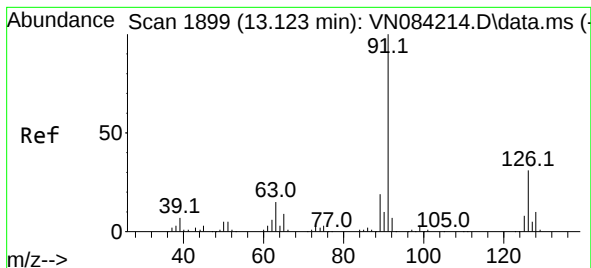
Tgt Ion: 91 Resp: 195365

Ion Ratio Lower Upper

91 100

120 21.7 10.8 32.4





#79

2-Chlorotoluene

Concen: 18.954 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

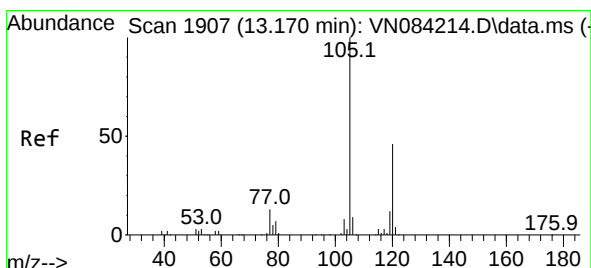
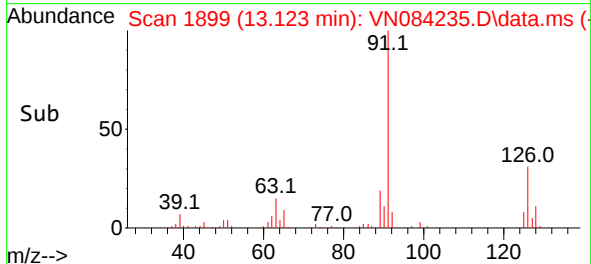
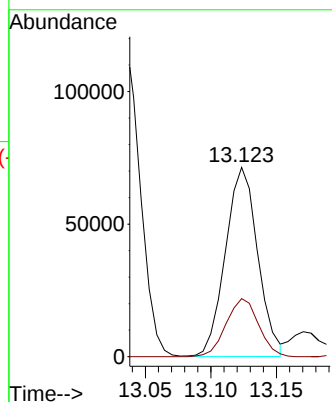
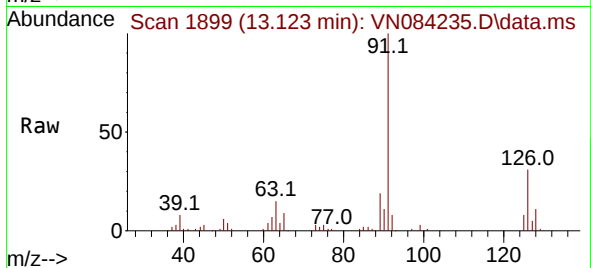
VN1001WBSD01

Tgt Ion: 91 Resp: 122436

Ion Ratio Lower Upper

91 100

126 30.8 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 19.584 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084235.D

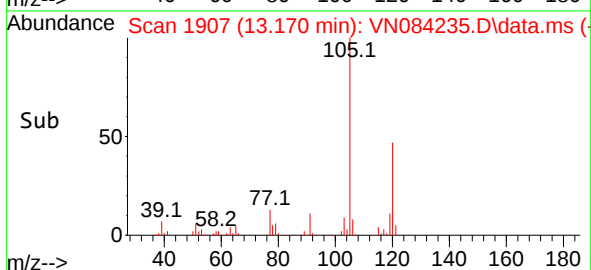
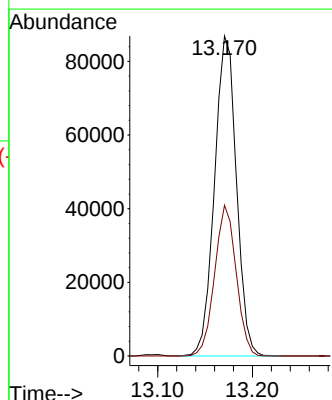
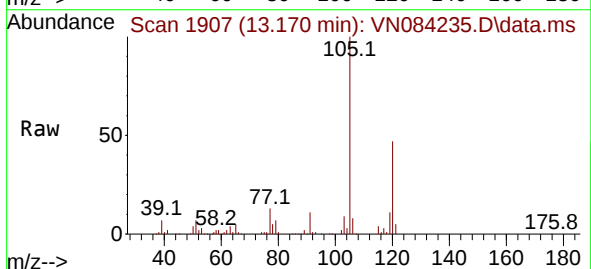
Acq: 01 Oct 2024 13:30

Tgt Ion: 105 Resp: 139576

Ion Ratio Lower Upper

105 100

120 46.3 23.7 71.1

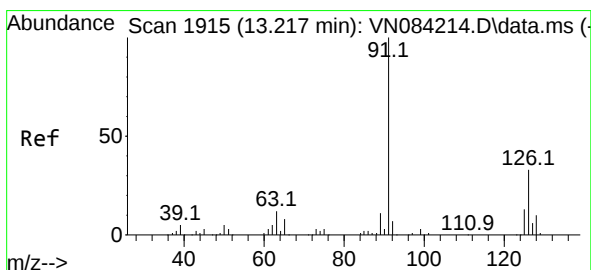
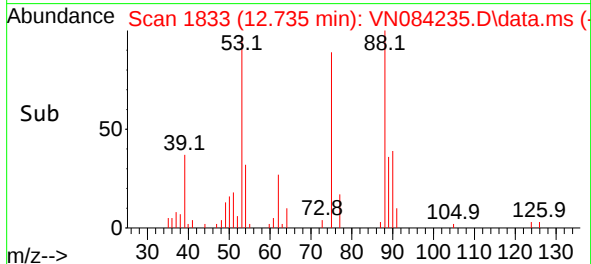
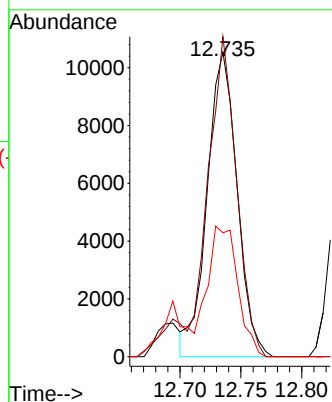
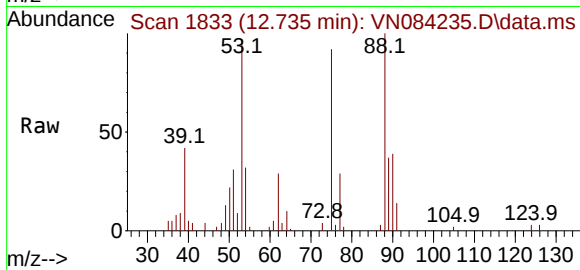




#81
trans-1,4-Dichloro-2-butene
Concen: 18.477 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

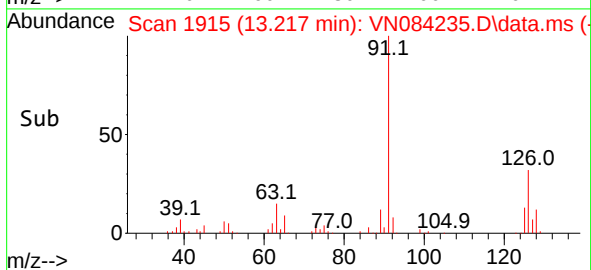
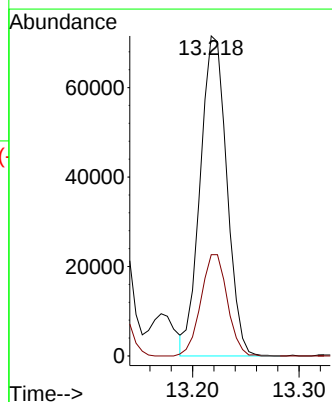
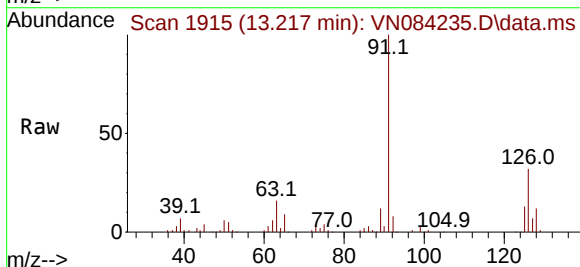
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

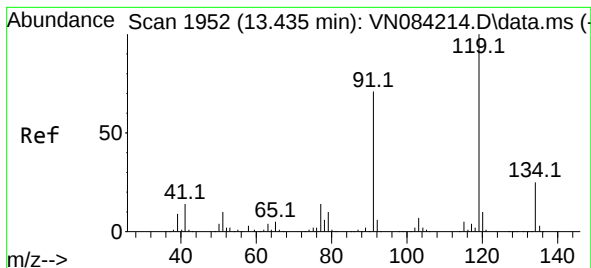
Tgt Ion: 75 Resp: 18015
Ion Ratio Lower Upper
75 100
53 98.8 78.0 117.0
89 43.3 35.5 53.3



#82
4-Chlorotoluene
Concen: 19.067 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084235.D
Acq: 01 Oct 2024 13:30

Tgt Ion: 91 Resp: 123985
Ion Ratio Lower Upper
91 100
126 31.6 15.7 47.1





#83

tert-Butylbenzene

Concen: 18.785 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

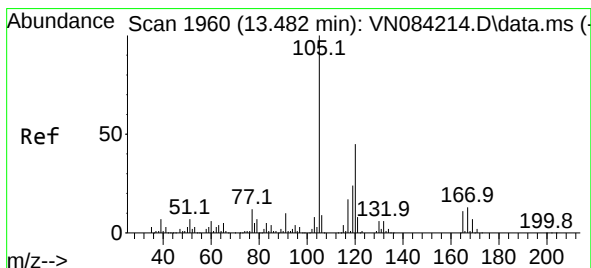
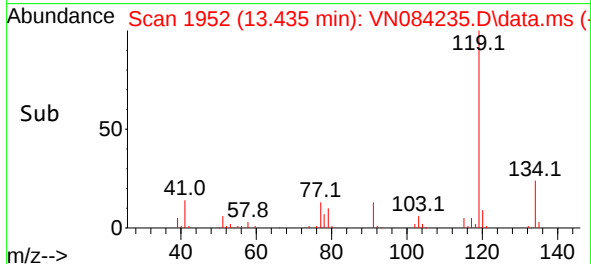
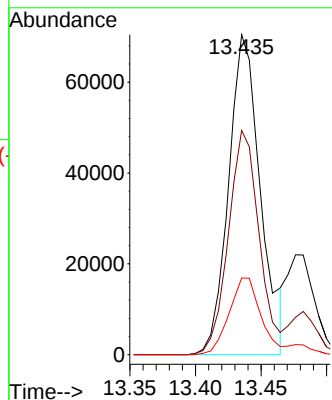
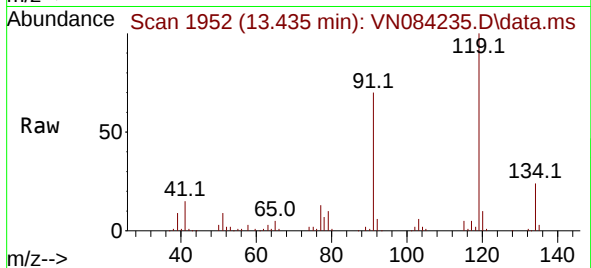
Tgt Ion:119 Resp: 118997

Ion Ratio Lower Upper

119 100

91 67.8 34.1 102.3

134 24.3 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 19.636 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084235.D

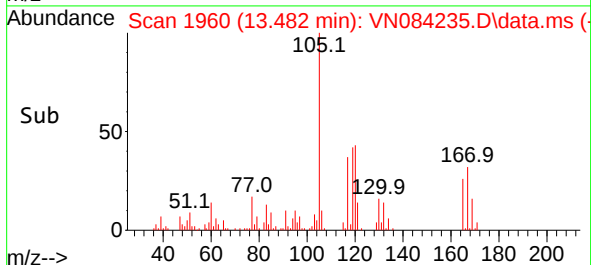
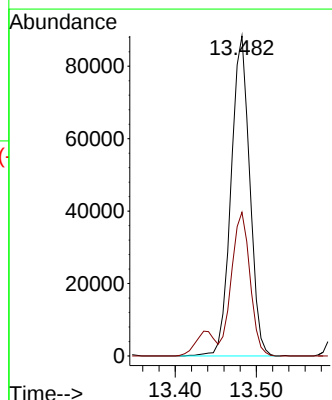
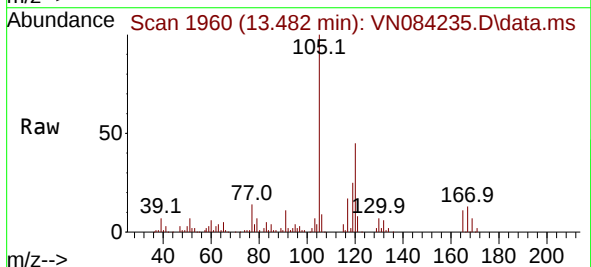
Acq: 01 Oct 2024 13:30

Tgt Ion:105 Resp: 140978

Ion Ratio Lower Upper

105 100

120 44.5 22.3 66.8

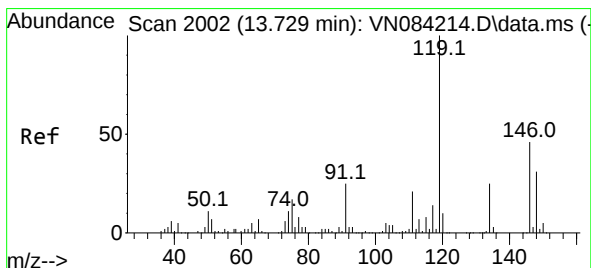
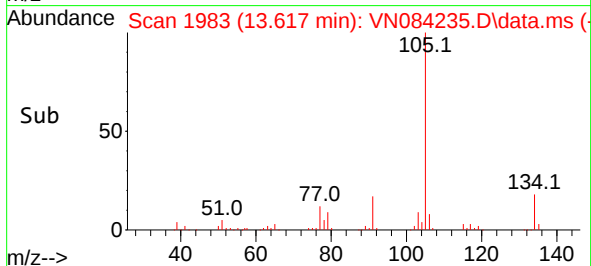
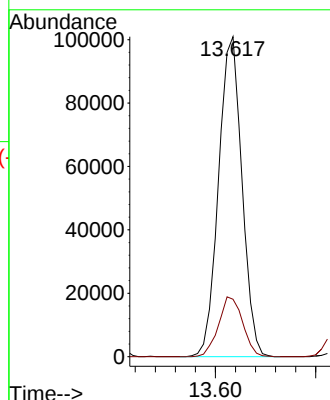
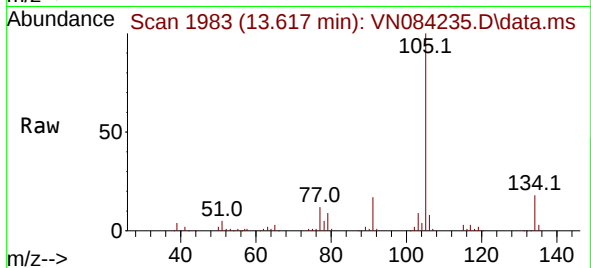




#85
 sec-Butylbenzene
 Concen: 19.326 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084235.D
 Acq: 01 Oct 2024 13:30

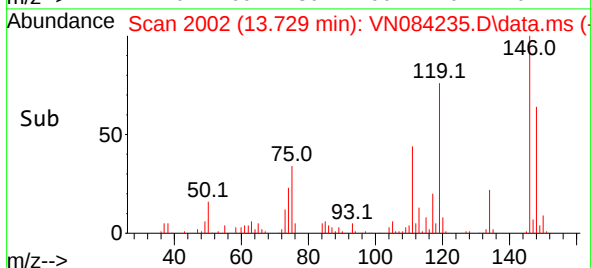
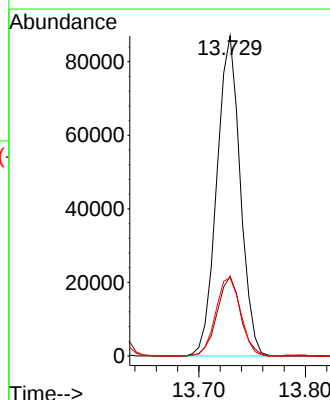
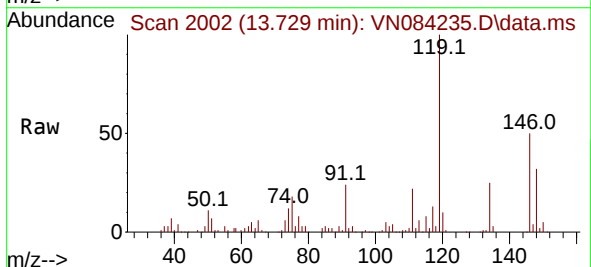
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

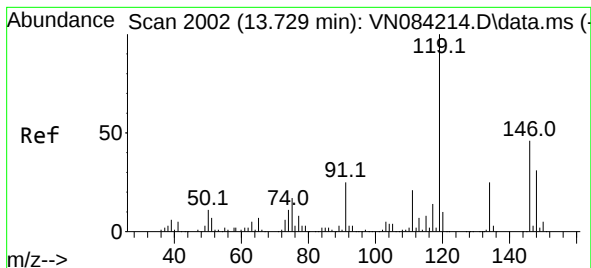
Tgt Ion:105 Resp: 163365
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.013 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084235.D
 Acq: 01 Oct 2024 13:30

Tgt Ion:119 Resp: 132899
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 26.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.630 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

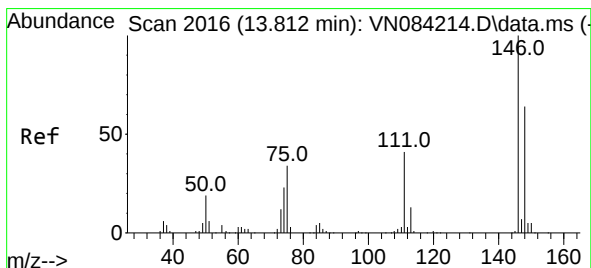
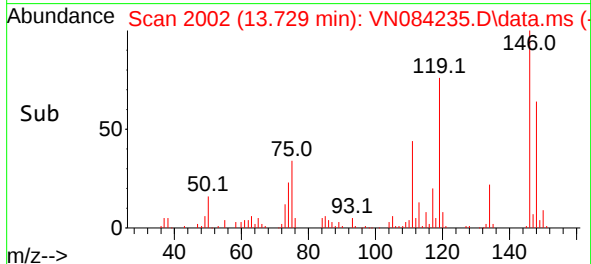
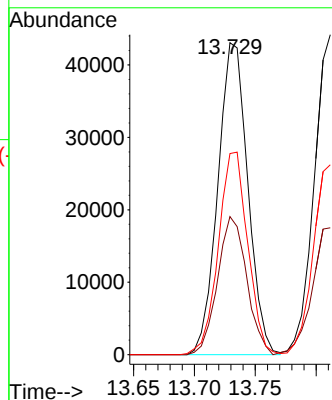
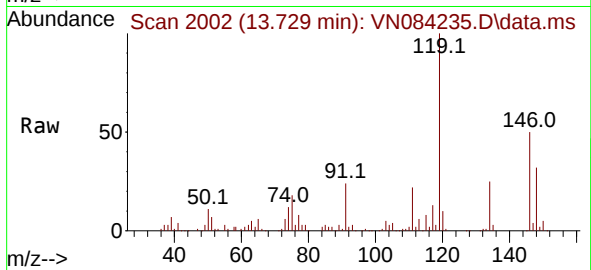
Tgt Ion:146 Resp: 73659

Ion Ratio Lower Upper

146 100

111 43.1 21.8 65.3

148 63.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 18.244 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

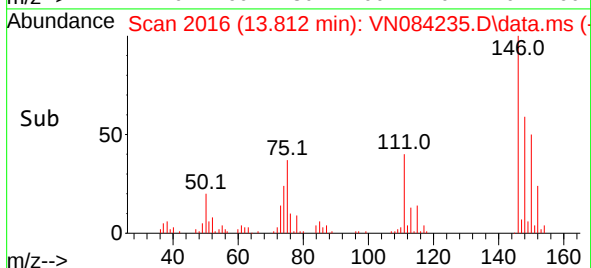
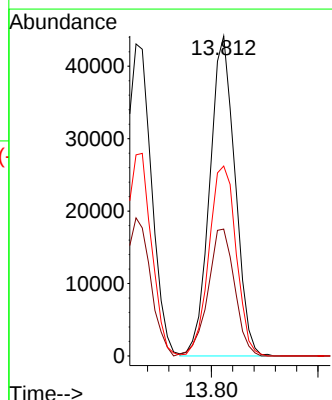
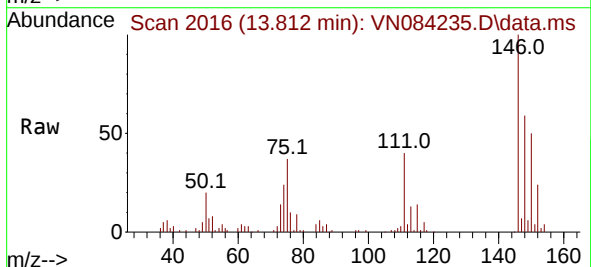
Tgt Ion:146 Resp: 72842

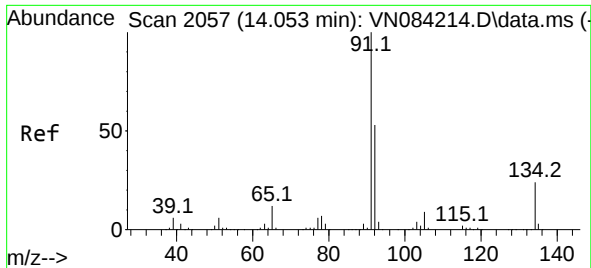
Ion Ratio Lower Upper

146 100

111 41.6 21.2 63.6

148 63.8 31.9 95.9





#89

n-Butylbenzene

Concen: 17.480 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

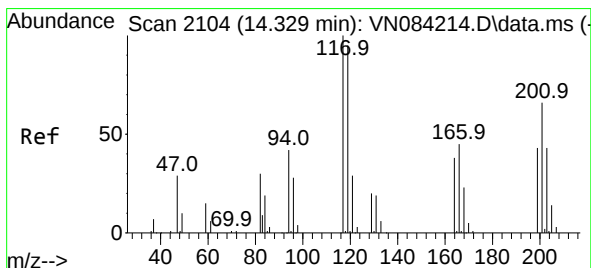
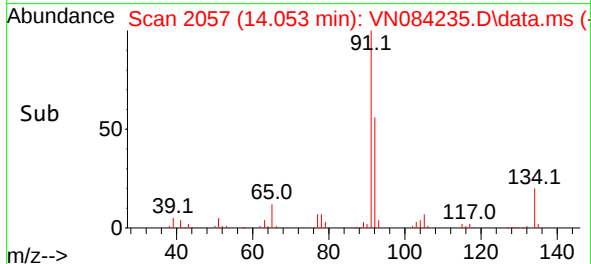
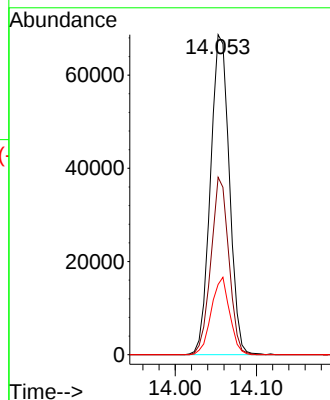
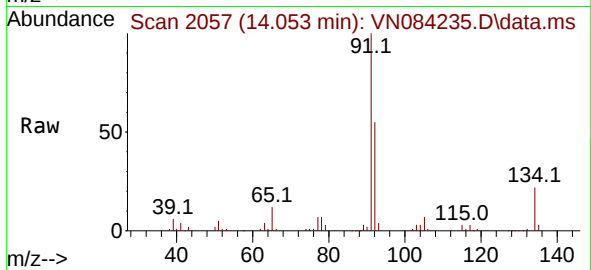
Tgt Ion: 91 Resp: 110791

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

134 23.5 12.3 36.9



#90

Hexachloroethane

Concen: 17.834 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN084235.D

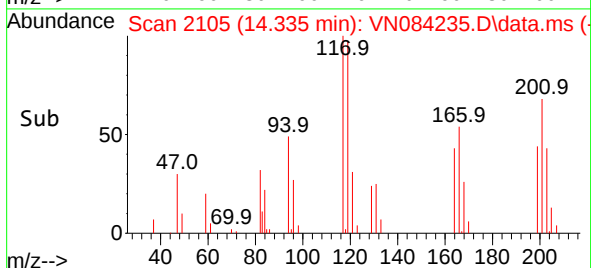
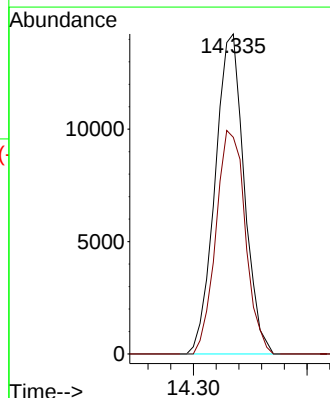
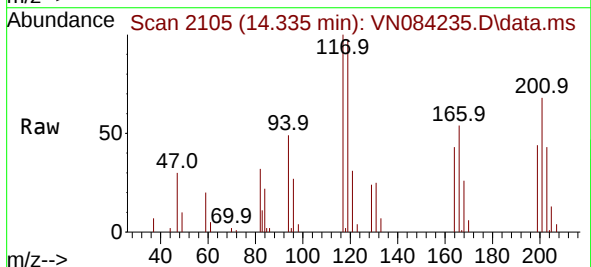
Acq: 01 Oct 2024 13:30

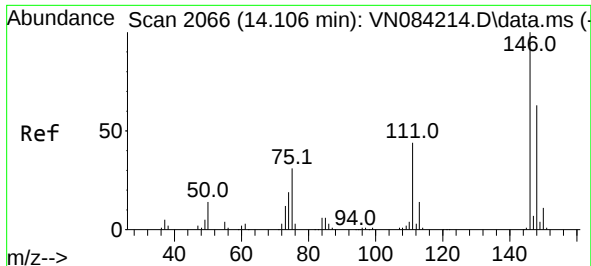
Tgt Ion: 117 Resp: 25303

Ion Ratio Lower Upper

117 100

201 70.6 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 18.404 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

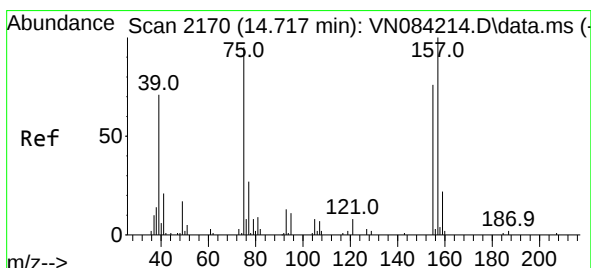
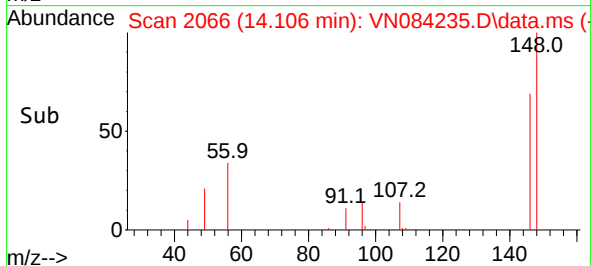
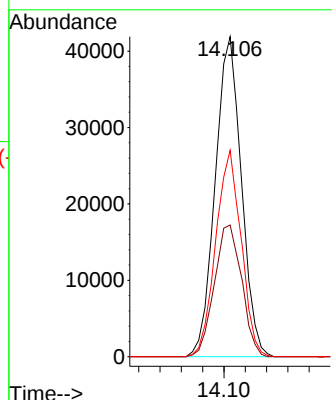
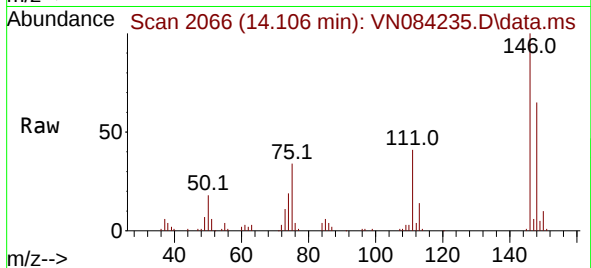
Tgt Ion:146 Resp: 71347

Ion Ratio Lower Upper

146 100

111 43.0 22.0 66.0

148 62.7 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.640 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

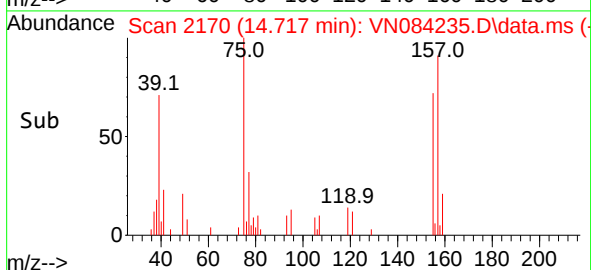
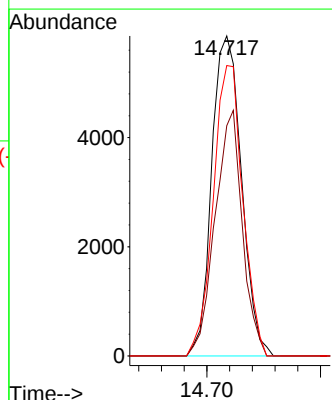
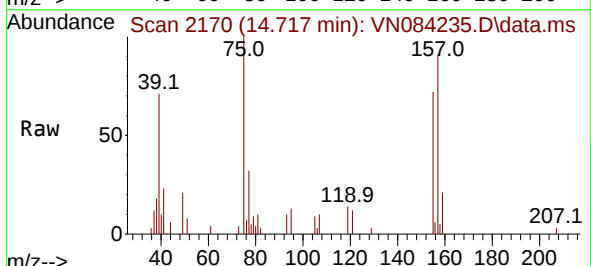
Tgt Ion: 75 Resp: 10648

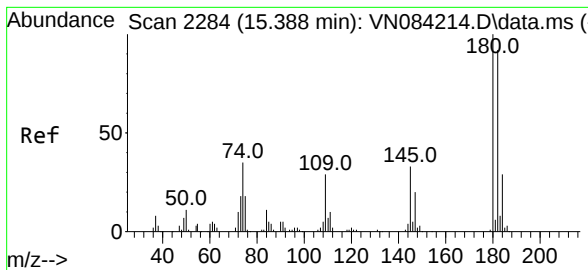
Ion Ratio Lower Upper

75 100

155 70.5 38.1 114.5

157 90.3 49.6 149.0

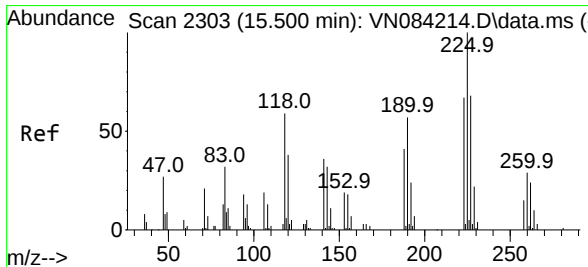
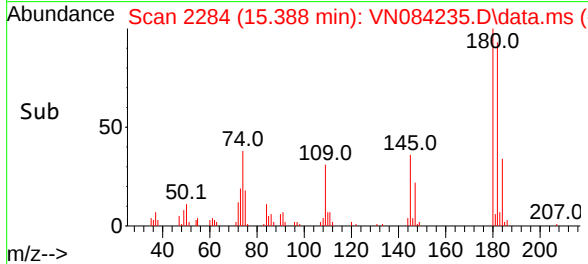
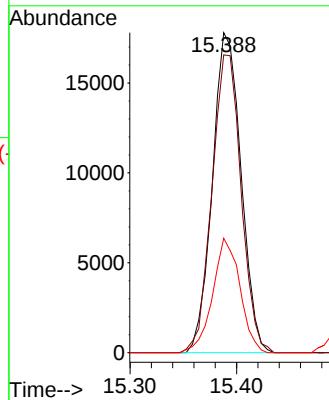
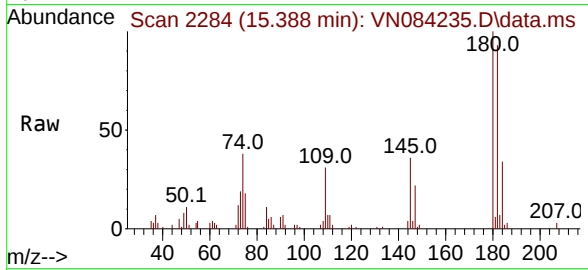




#93
 1,2,4-Trichlorobenzene
 Concen: 17.382 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN084235.D
 Acq: 01 Oct 2024 13:30

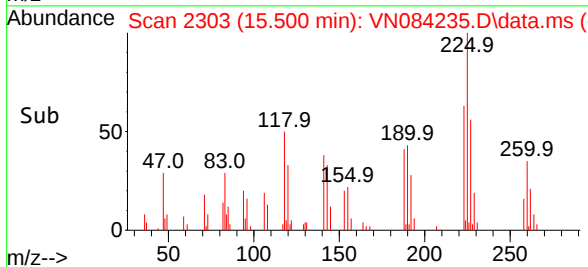
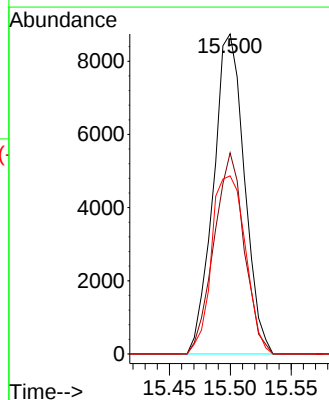
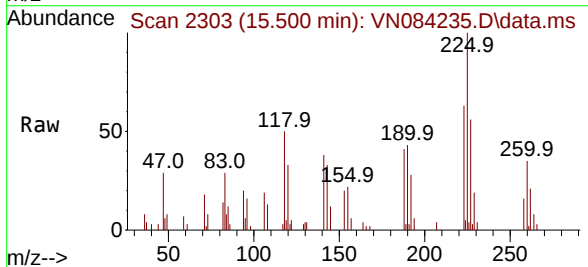
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

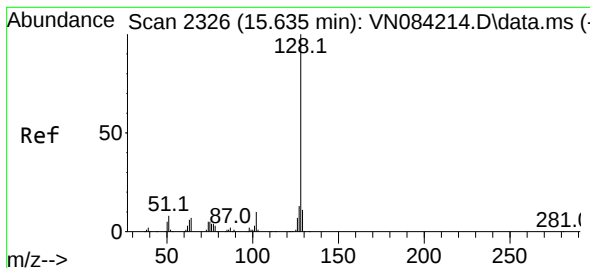
Tgt Ion:180 Resp: 33192
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.0 141.0
 145 34.1 16.4 49.4



#94
 Hexachlorobutadiene
 Concen: 16.283 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN084235.D
 Acq: 01 Oct 2024 13:30

Tgt Ion:225 Resp: 15506
 Ion Ratio Lower Upper
 225 100
 223 61.3 32.4 97.2
 227 60.7 32.4 97.0





#95

Naphthalene

Concen: 16.298 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

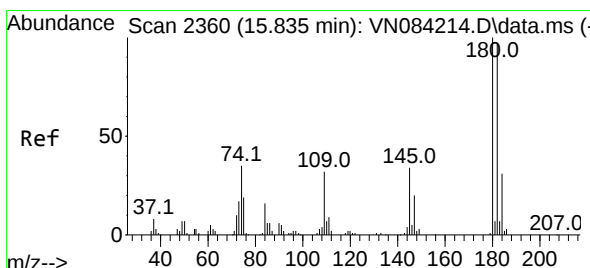
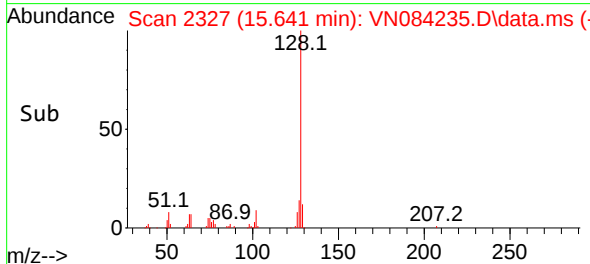
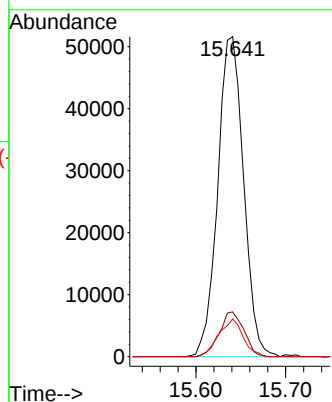
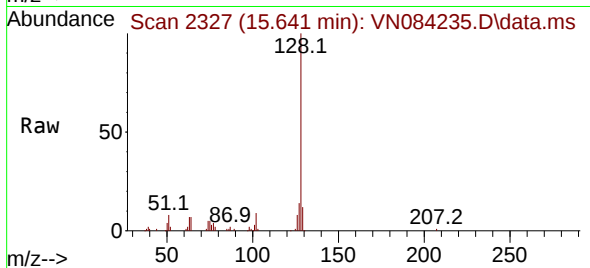
Tgt Ion:128 Resp: 103172

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.029 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084235.D

Acq: 01 Oct 2024 13:30

Tgt Ion:180 Resp: 32549

Ion Ratio Lower Upper

180 100

182 97.8 48.2 144.6

145 36.5 17.3 51.9

