

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083904.D
 Acq On : 14 Sep 2024 20:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:43:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	137485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	242124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	217865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104458	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	114952	55.450	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.900%	
35) Dibromofluoromethane	8.171	113	82910	53.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.980%	
50) Toluene-d8	10.565	98	301618	56.287	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.580%	
62) 4-Bromofluorobenzene	12.847	95	117726	53.250	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.500%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	82964	51.961	ug/l	99
3) Chloromethane	2.359	50	87605	53.873	ug/l	98
4) Vinyl Chloride	2.518	62	91603	52.341	ug/l	99
5) Bromomethane	2.948	94	56118	55.848	ug/l	99
6) Chloroethane	3.112	64	60586	49.352	ug/l	95
7) Trichlorofluoromethane	3.495	101	151202	50.898	ug/l	99
8) Diethyl Ether	3.959	74	51723	51.941	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	103357	65.641	ug/l	99
10) Methyl Iodide	4.589	142	100100	49.986	ug/l	95
11) Tert butyl alcohol	5.524	59	80563	290.208	ug/l	99
12) 1,1-Dichloroethene	4.342	96	76491	51.438	ug/l	98
13) Acrolein	4.177	56	73768	269.321	ug/l	100
14) Allyl chloride	5.024	41	138767	52.371	ug/l	99
15) Acrylonitrile	5.718	53	206266	273.218	ug/l	99
16) Acetone	4.424	43	180584	217.297	ug/l	95
17) Carbon Disulfide	4.712	76	204550	49.174	ug/l	99
18) Methyl Acetate	5.018	43	97919	56.803	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	287070	53.348	ug/l	96
20) Methylene Chloride	5.277	84	89027	52.349	ug/l #	84
21) trans-1,2-Dichloroethene	5.789	96	82250	51.611	ug/l	92
22) Diisopropyl ether	6.671	45	296481	54.355	ug/l	98
23) Vinyl Acetate	6.600	43	1103280	276.205	ug/l	98
24) 1,1-Dichloroethane	6.571	63	166505	52.986	ug/l	98
25) 2-Butanone	7.483	43	282904	259.003	ug/l	100
26) 2,2-Dichloropropane	7.488	77	116710	40.329	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	101116	53.449	ug/l	100
28) Bromochloromethane	7.812	49	75864	57.327	ug/l	93
29) Tetrahydrofuran	7.841	42	181703	281.337	ug/l	97
30) Chloroform	7.965	83	176477	52.898	ug/l	96
31) Cyclohexane	8.259	56	136944	45.706	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	161521	52.654	ug/l	97
36) 1,1-Dichloropropene	8.371	75	119123	51.059	ug/l	100
37) Ethyl Acetate	7.559	43	116108	54.827	ug/l	99
38) Carbon Tetrachloride	8.359	117	141040	53.287	ug/l	98
39) Methylcyclohexane	9.600	83	131613	49.561	ug/l	98
40) Benzene	8.606	78	360757	51.374	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	67975	54.270	ug/l	98
42) 1,2-Dichloroethane	8.671	62	139818	53.286	ug/l	98
43) Isopropyl Acetate	8.688	43	214674	55.940	ug/l	98
44) Trichloroethene	9.353	130	223819	137.638	ug/l	91
45) 1,2-Dichloropropane	9.618	63	89196	52.554	ug/l	95
46) Dibromomethane	9.706	93	63198	53.162	ug/l	99
47) Bromodichloromethane	9.888	83	142270	55.298	ug/l	97
48) Methyl methacrylate	9.682	41	104268	57.268	ug/l	98
49) 1,4-Dioxane	9.694	88	33275	1110.959	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	606103	290.142	ug/l	98
52) Toluene	10.629	92	227767	53.028	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	138664	53.172	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	146260	53.393	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	85279	53.181	ug/l	98
56) Ethyl methacrylate	10.876	69	145667	59.043	ug/l	96
57) 1,3-Dichloropropane	11.165	76	145963	52.962	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	320366	360.383	ug/l	97
59) 2-Hexanone	11.194	43	440983	285.375	ug/l	97
60) Dibromochloromethane	11.359	129	102908	57.343	ug/l	99
61) 1,2-Dibromoethane	11.471	107	85832	53.671	ug/l	100
64) Tetrachloroethene	11.106	164	73904	51.009	ug/l	98
65) Chlorobenzene	11.888	112	240594	49.687	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	87373	52.050	ug/l	100
67) Ethyl Benzene	11.965	91	451984	52.546	ug/l	98
68) m/p-Xylenes	12.071	106	329633	103.219	ug/l	98
69) o-Xylene	12.400	106	161962	52.389	ug/l	99
70) Styrene	12.412	104	278442	54.879	ug/l	100
71) Bromoform	12.576	173	66839	59.088	ug/l #	100
73) Isopropylbenzene	12.694	105	423473	52.400	ug/l	100
74) N-amyl acetate	12.494	43	196781	57.071	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	122803	51.717	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	159091	75.479	ug/l	65
77) Bromobenzene	12.976	156	97077	49.903	ug/l	100
78) n-propylbenzene	13.035	91	496410	52.793	ug/l	99
79) 2-Chlorotoluene	13.123	91	306714	51.147	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	355383	52.159	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	44702	55.546	ug/l	94
82) 4-Chlorotoluene	13.217	91	311287	51.728	ug/l	100
83) tert-Butylbenzene	13.435	119	307190	51.533	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	363982	53.181	ug/l	99
85) sec-Butylbenzene	13.617	105	420749	53.221	ug/l	98
86) p-Isopropyltoluene	13.729	119	354876	53.549	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	181436	49.420	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	182713	49.150	ug/l	99
89) n-Butylbenzene	14.053	91	306664	51.539	ug/l	99
90) Hexachloroethane	14.335	117	66638	50.022	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	180186	50.855	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25435	53.735	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	91227	47.981	ug/l	98
94) Hexachlorobutadiene	15.500	225	38848	48.112	ug/l	99
95) Naphthalene	15.641	128	306175	52.930	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	90191	49.634	ug/l	99

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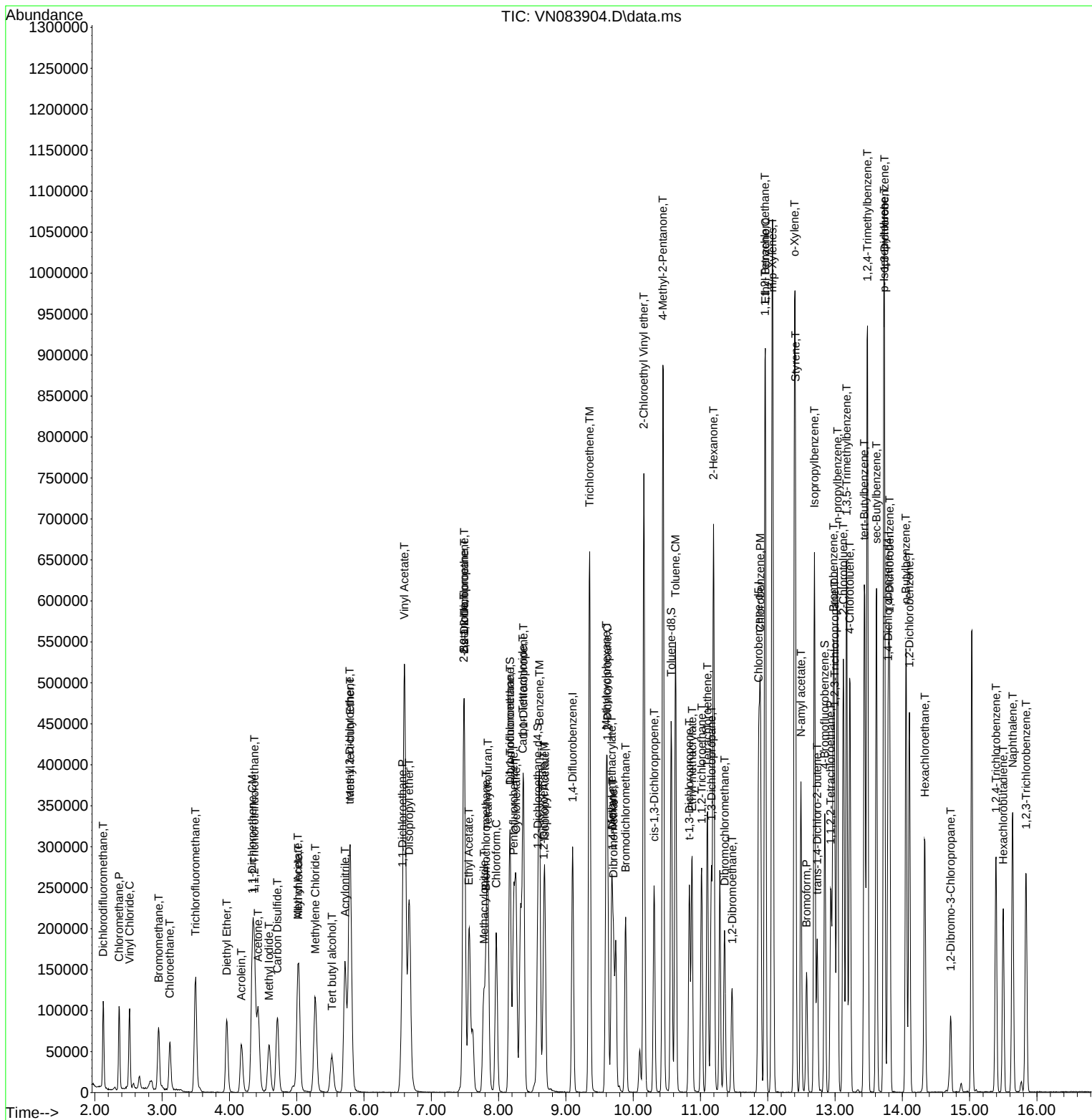
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MSVOA_N
ClientSampleId :

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

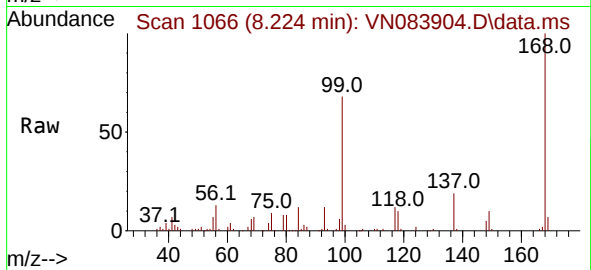
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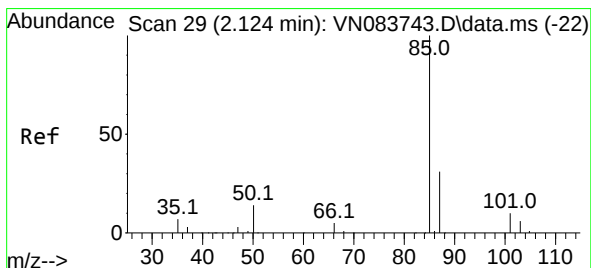
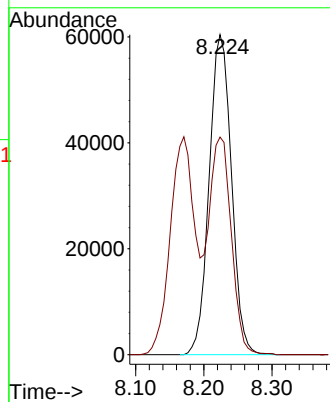
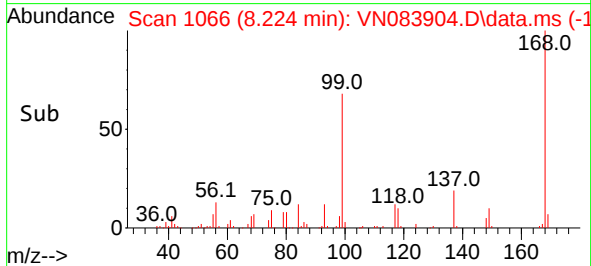


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

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ClientSampleId :

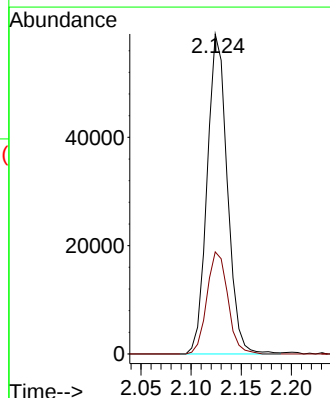
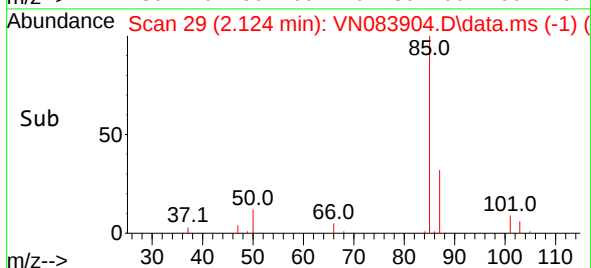
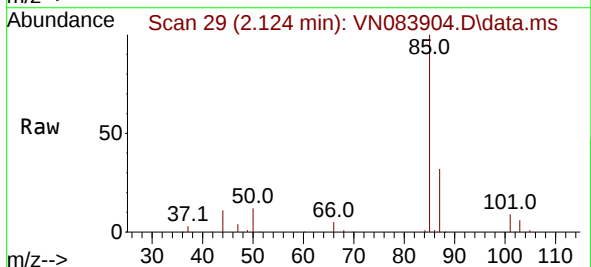


Tgt Ion:168 Resp: 137485
Ion Ratio Lower Upper
168 100
99 68.0 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 51.961 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

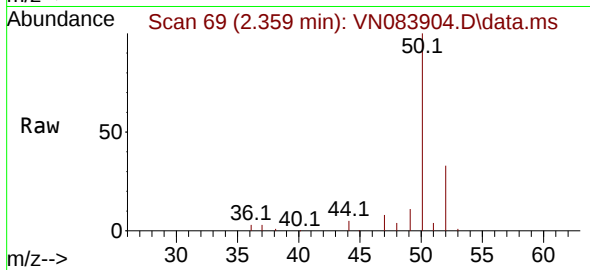
Tgt Ion: 85 Resp: 82964
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.0



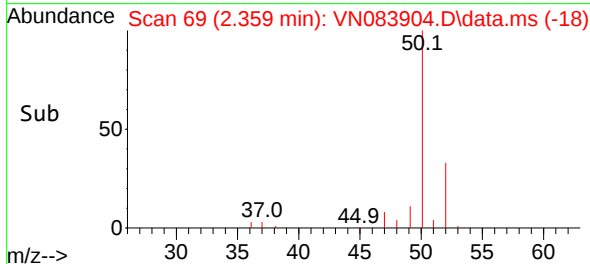
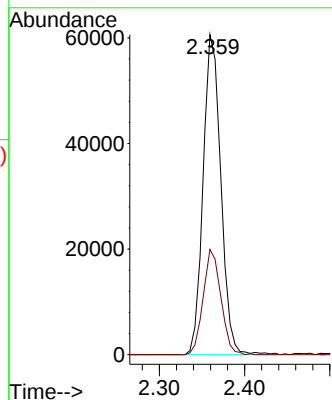


#3
Chloromethane
Concen: 53.873 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Instrument :
MSVOA_N
ClientSampleId :

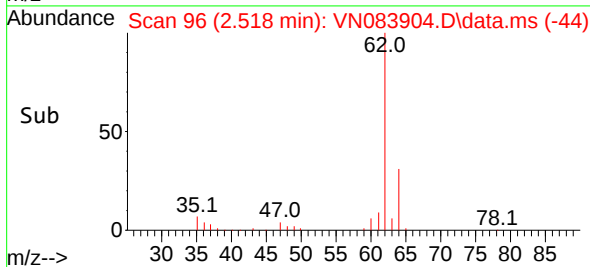
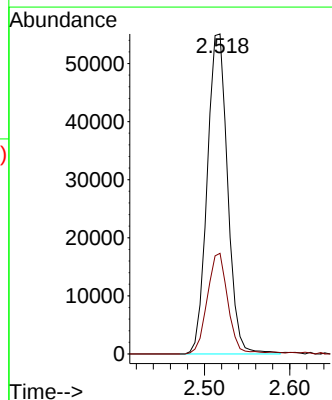
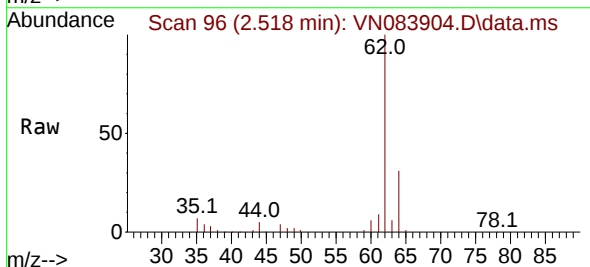


Tgt Ion: 50 Resp: 87605
Ion Ratio Lower Upper
50 100
52 32.9 27.2 40.8



#4
Vinyl Chloride
Concen: 52.341 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion: 62 Resp: 91603
Ion Ratio Lower Upper
62 100
64 31.5 24.7 37.1

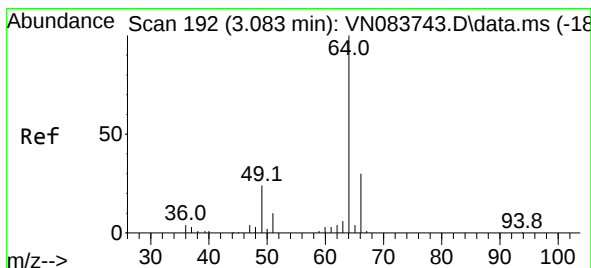
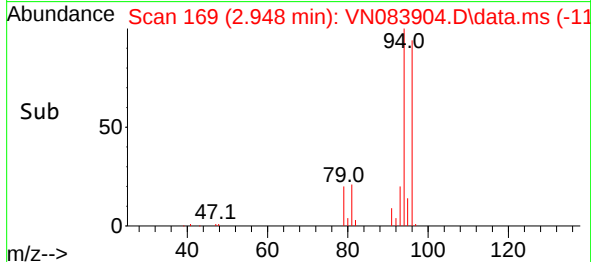
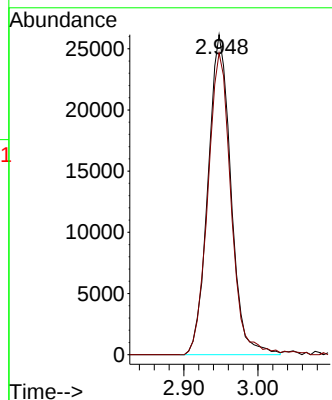
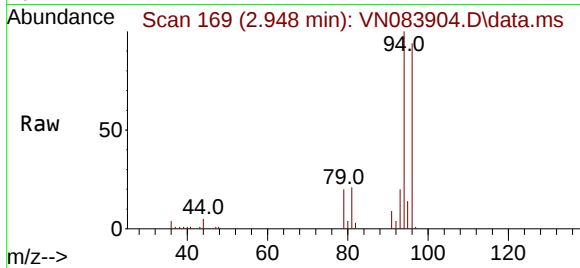




#5
Bromomethane
Concen: 55.848 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

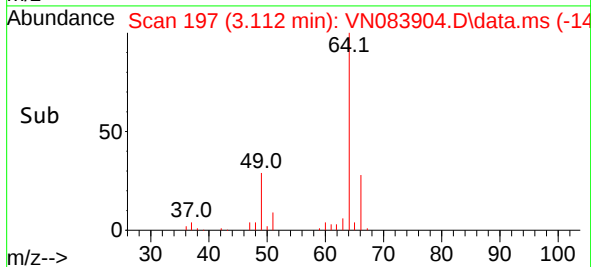
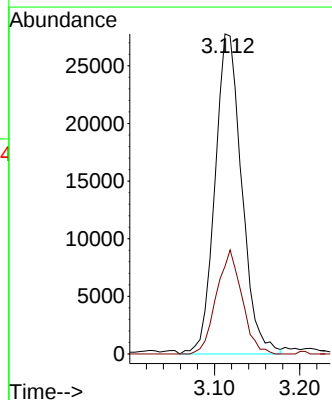
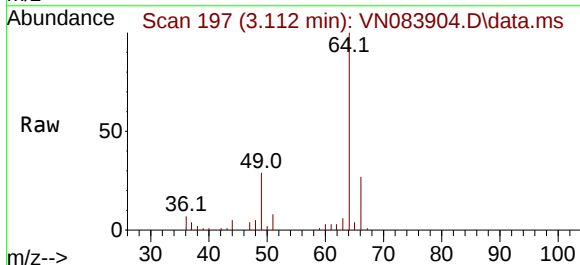
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MSVOA_N
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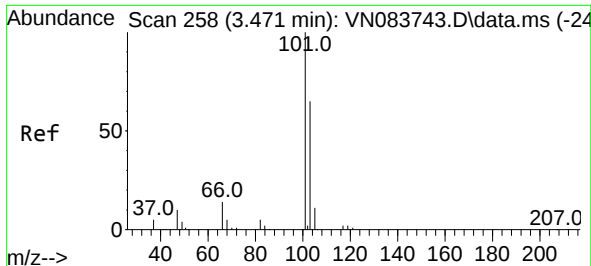
Tgt Ion: 94 Resp: 56118
Ion Ratio Lower Upper
94 100
96 94.3 76.0 114.0



#6
Chloroethane
Concen: 49.352 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.029 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion: 64 Resp: 60586
Ion Ratio Lower Upper
64 100
66 27.4 23.9 35.9

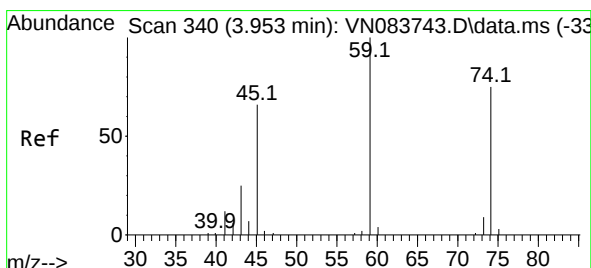
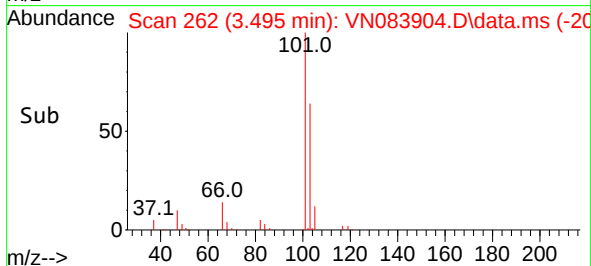
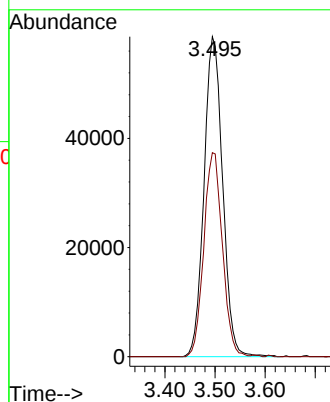
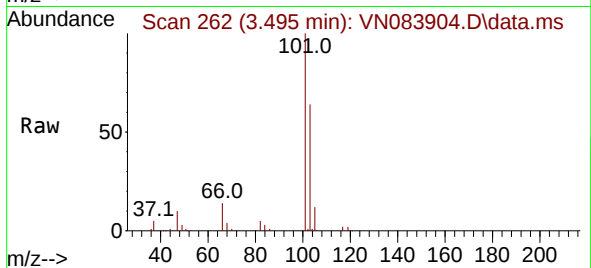




#7
 Trichlorofluoromethane
 Concen: 50.898 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.024 min
 Lab File: VN083904.D
 Acq: 14 Sep 2024 20:44

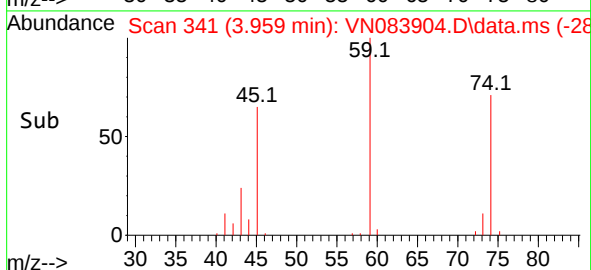
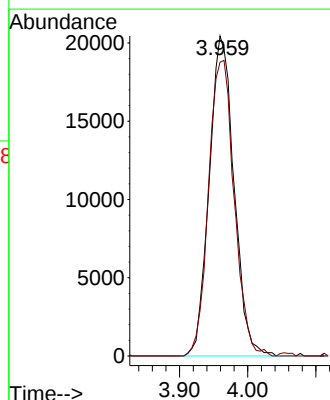
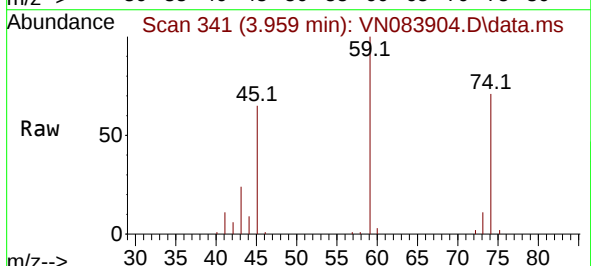
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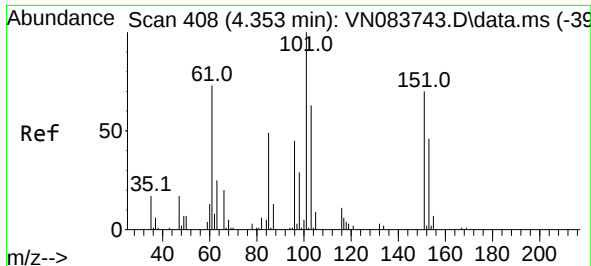
Tgt Ion:101 Resp: 151202
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 51.941 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN083904.D
 Acq: 14 Sep 2024 20:44

Tgt Ion: 74 Resp: 51723
 Ion Ratio Lower Upper
 74 100
 45 95.7 46.7 140.1

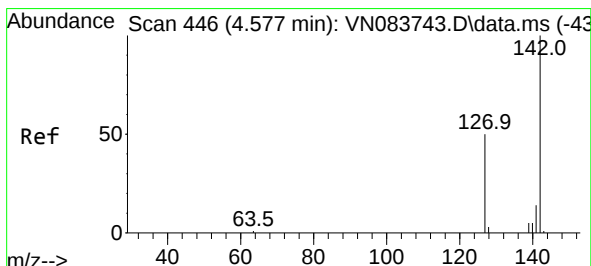
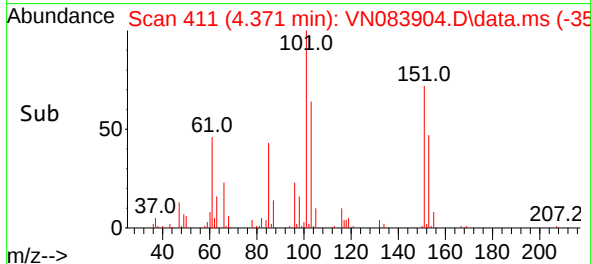
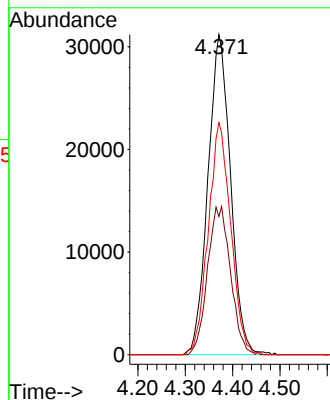
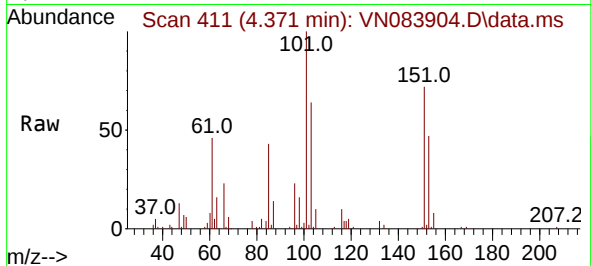




#9
1,1,2-Trichlorotrifluoroethane
Concen: 65.641 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN083904.D
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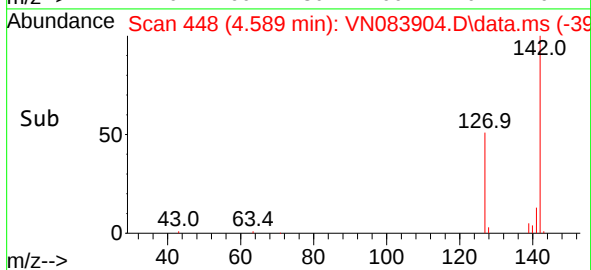
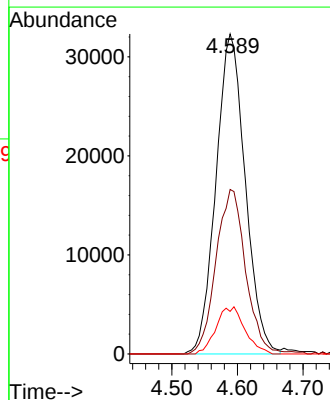
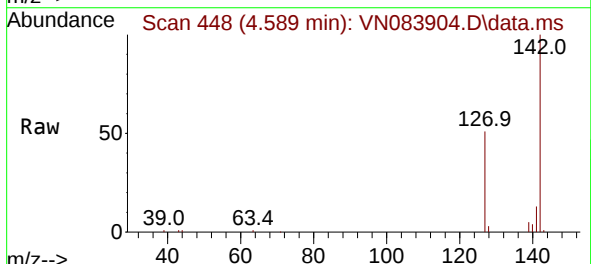
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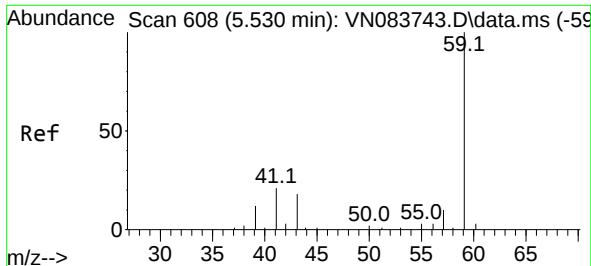
Tgt Ion:101 Resp: 103357
Ion Ratio Lower Upper
101 100
85 47.3 36.2 54.4
151 71.9 57.7 86.5



#10
Methyl Iodide
Concen: 49.986 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion:142 Resp: 100100
Ion Ratio Lower Upper
142 100
127 51.4 37.5 56.3
141 13.3 11.0 16.4

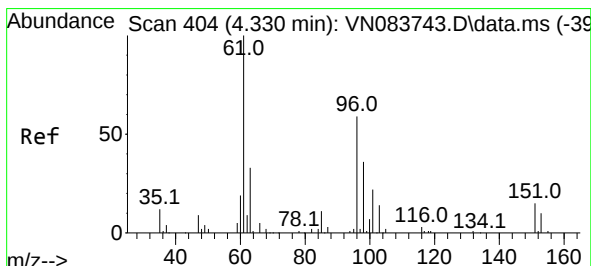
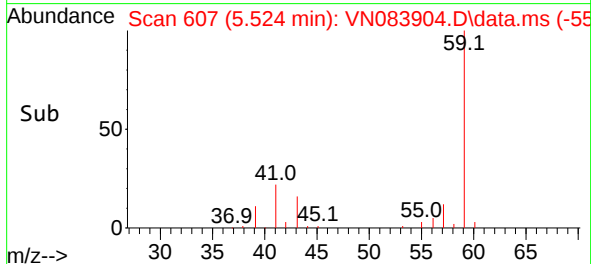
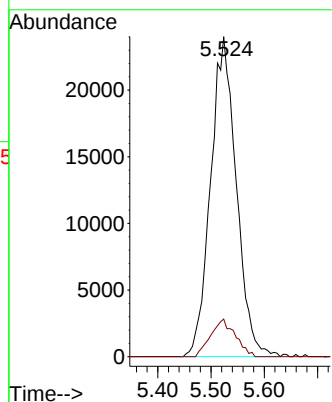
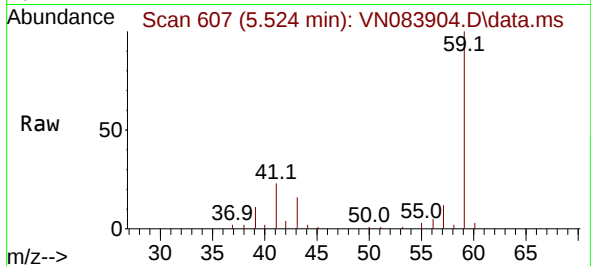




#11
Tert butyl alcohol
Concen: 290.208 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

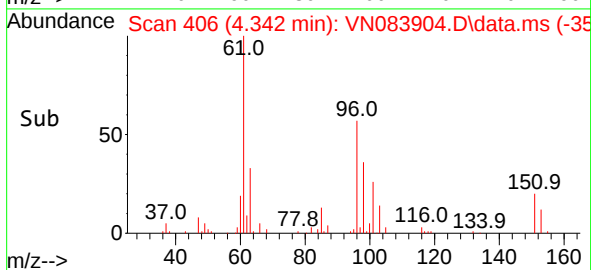
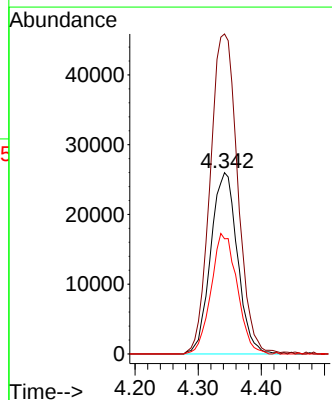
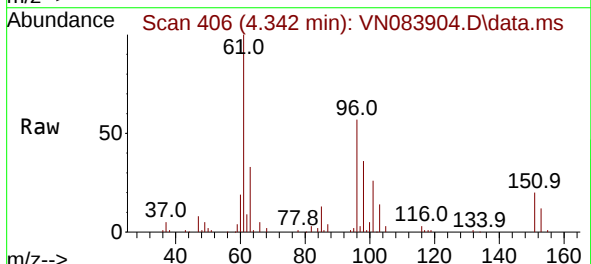
Instrument :
MSVOA_N
ClientSampleId :

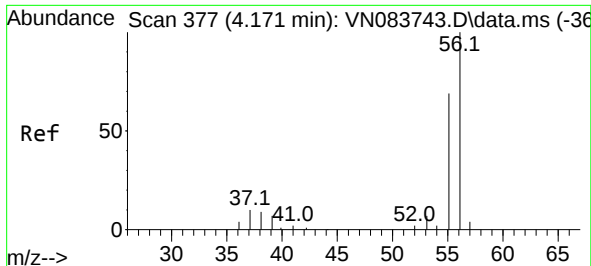
Tgt Ion: 59 Resp: 80563
Ion Ratio Lower Upper
59 100
57 11.2 8.7 13.1



#12
1,1-Dichloroethene
Concen: 51.438 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion: 96 Resp: 76491
Ion Ratio Lower Upper
96 100
61 176.6 143.4 215.0
98 63.6 52.7 79.1





#13

Acrolein

Concen: 269.321 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

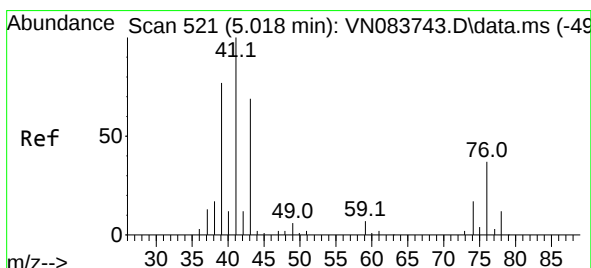
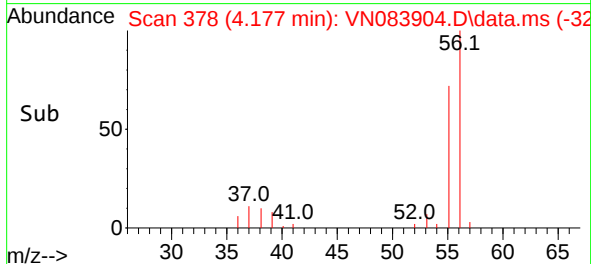
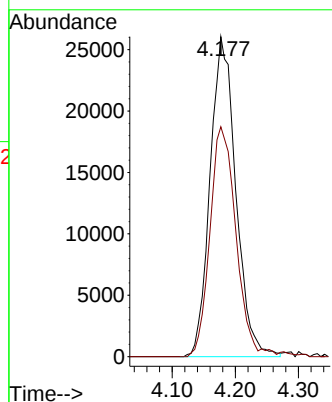
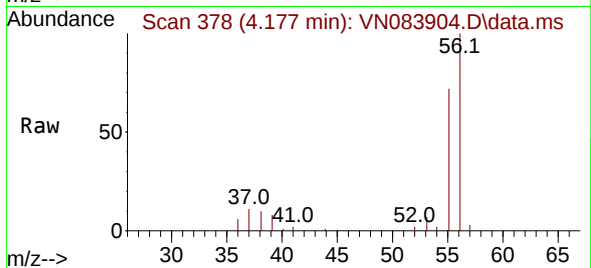
ClientSampleId :

Tgt Ion: 56 Resp: 73768

Ion Ratio Lower Upper

56 100

55 72.5 58.2 87.2



#14

Allyl chloride

Concen: 52.371 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

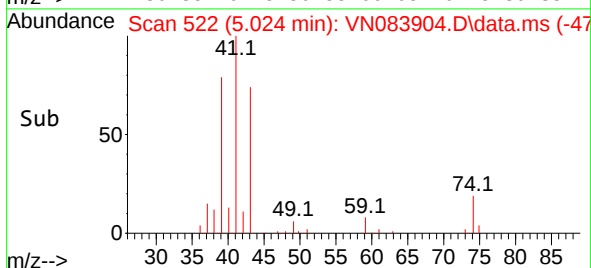
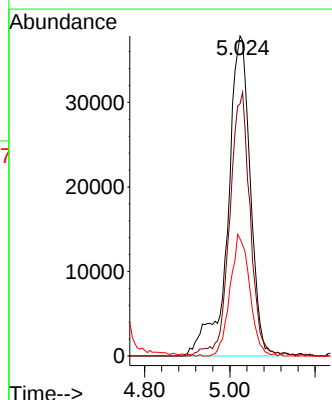
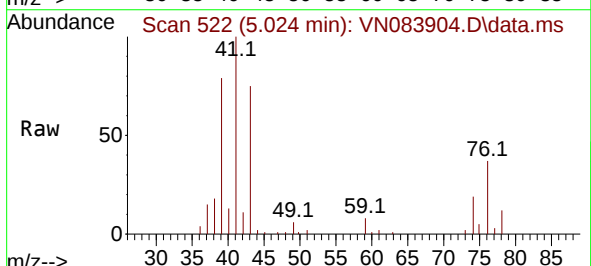
Tgt Ion: 41 Resp: 138767

Ion Ratio Lower Upper

41 100

39 75.0 59.3 88.9

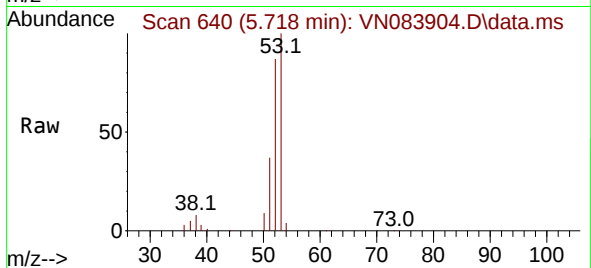
76 33.3 27.7 41.5



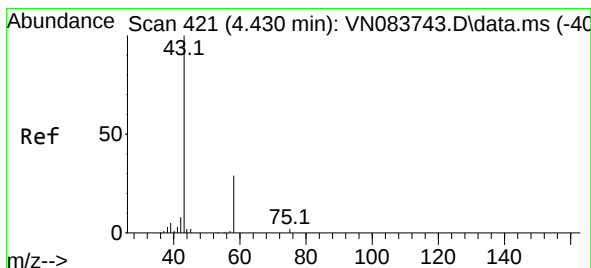
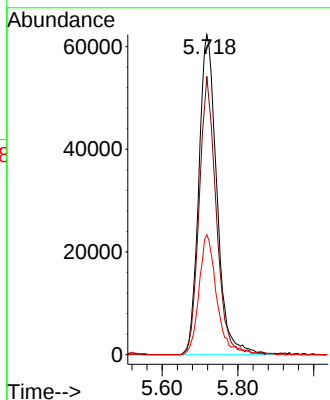
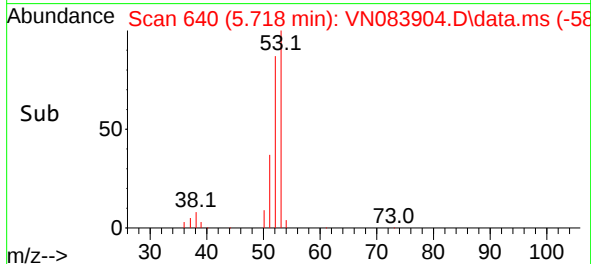


#15
Acrylonitrile
Concen: 273.218 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Instrument :
MSVOA_N
ClientSampleId :

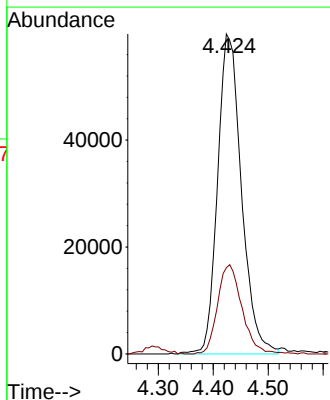
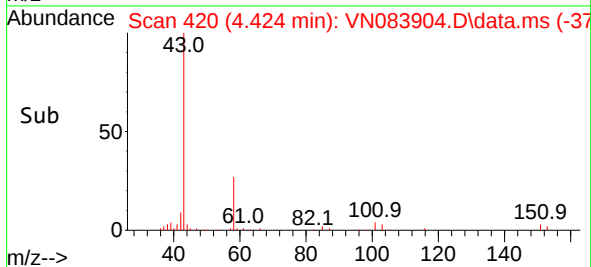
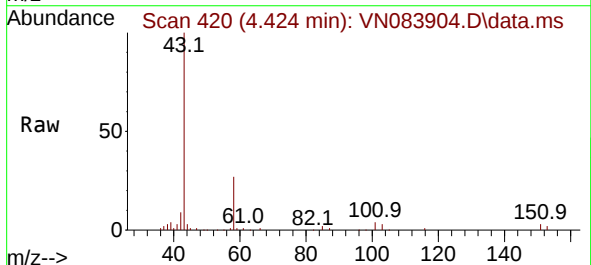


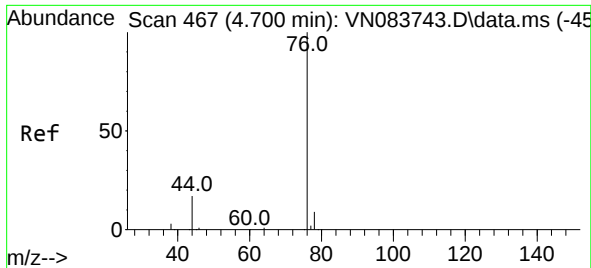
Tgt Ion: 53 Resp: 206266
Ion Ratio Lower Upper
53 100
52 81.1 66.1 99.1
51 37.2 29.6 44.4



#16
Acetone
Concen: 217.297 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion: 43 Resp: 180584
Ion Ratio Lower Upper
43 100
58 26.9 23.7 35.5





#17

Carbon Disulfide

Concen: 49.174 ug/l

RT: 4.712 min Scan# 4

Delta R.T. 0.012 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

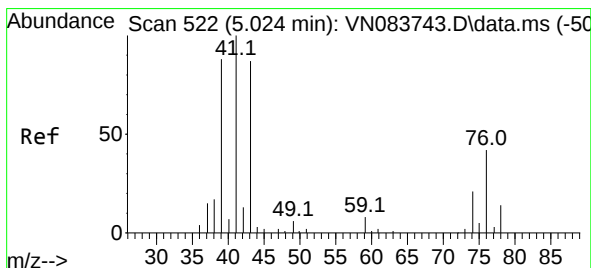
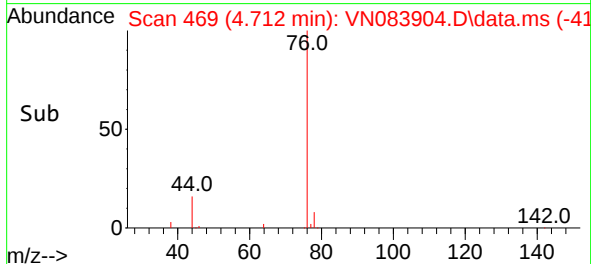
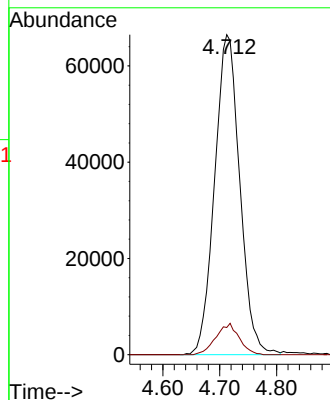
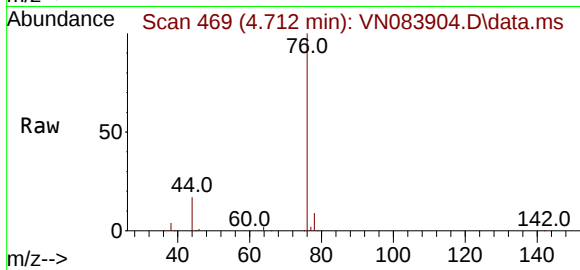
ClientSampleId :

Tgt Ion: 76 Resp: 204550

Ion Ratio Lower Upper

76 100

78 8.5 7.1 10.7



#18

Methyl Acetate

Concen: 56.803 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN083904.D

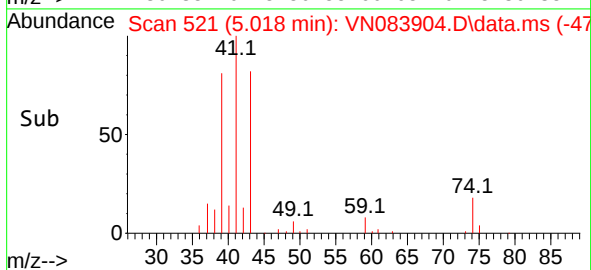
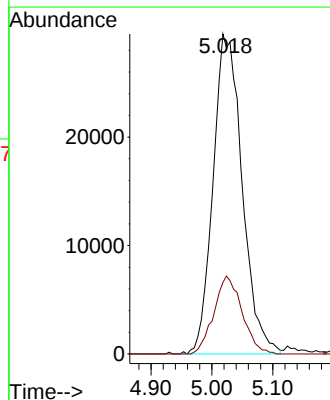
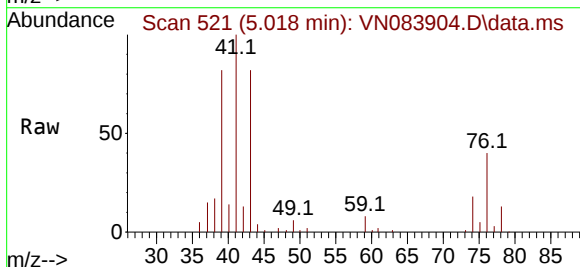
Acq: 14 Sep 2024 20:44

Tgt Ion: 43 Resp: 97919

Ion Ratio Lower Upper

43 100

74 23.6 19.0 28.4





#19

Methyl tert-butyl Ether

Concen: 53.348 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

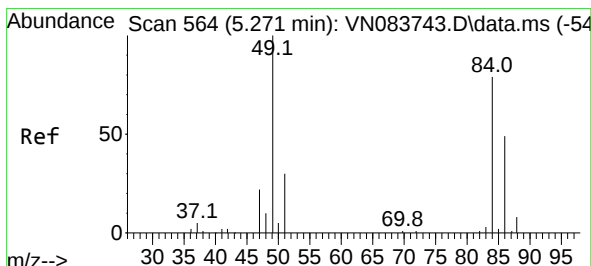
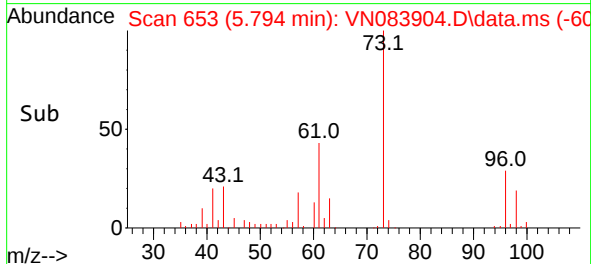
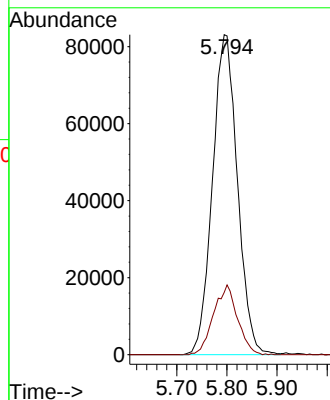
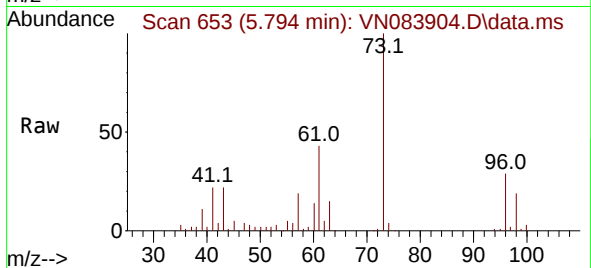
ClientSampleId :

Tgt Ion: 73 Resp: 287070

Ion Ratio Lower Upper

73 100

57 19.4 17.0 25.6



#20

Methylene Chloride

Concen: 52.349 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Tgt Ion: 84 Resp: 89027

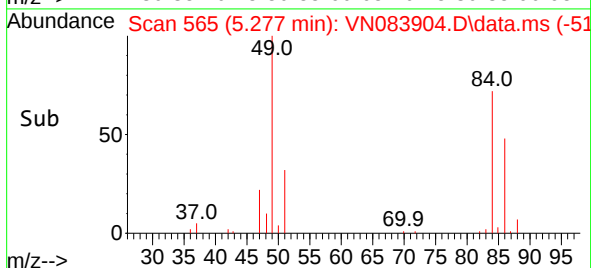
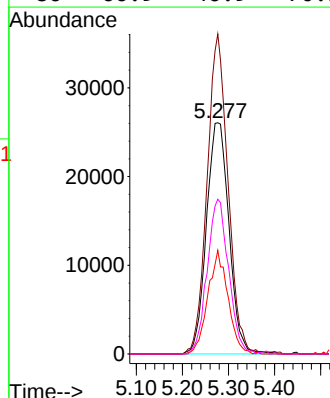
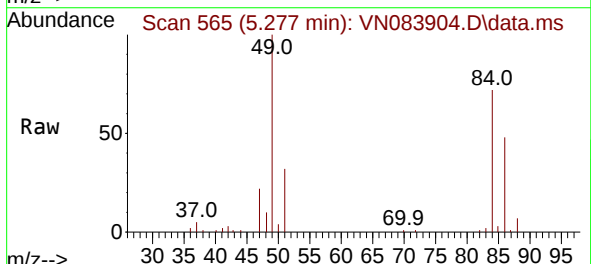
Ion Ratio Lower Upper

84 100

49 138.4 93.4 140.0

51 44.8 29.2 43.8#

86 66.9 46.9 70.3

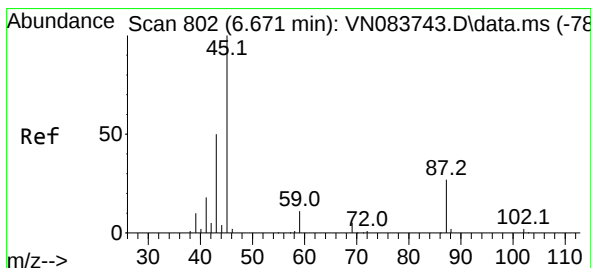
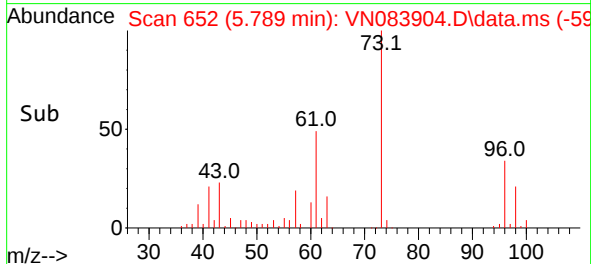
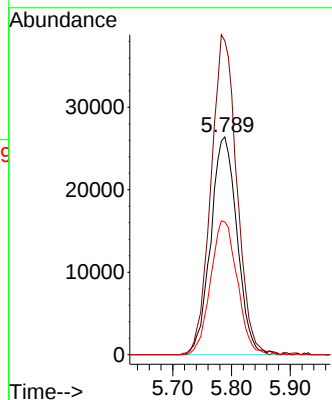
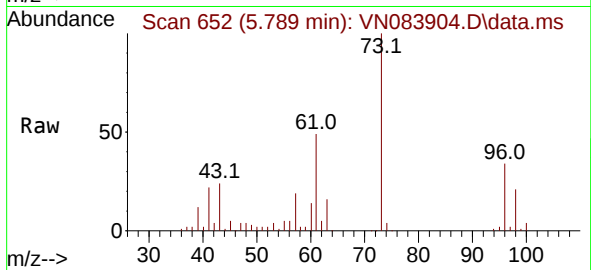




#21
trans-1,2-Dichloroethene
Concen: 51.611 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

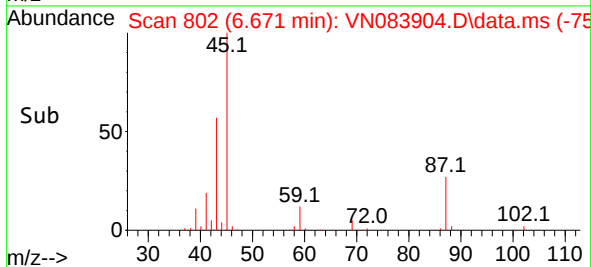
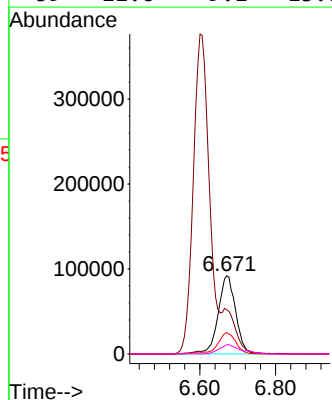
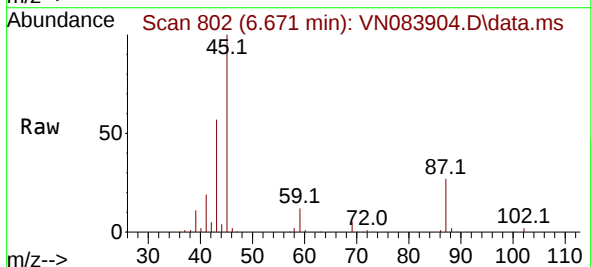
Instrument :
MSVOA_N
ClientSampleId :

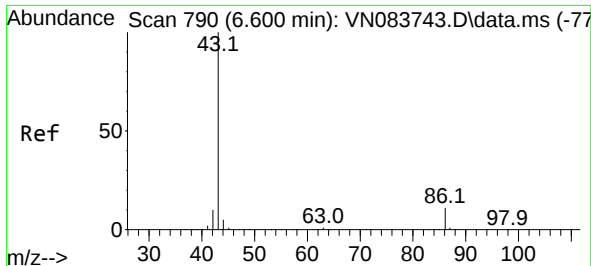
Tgt Ion: 96 Resp: 82250
Ion Ratio Lower Upper
96 100
61 144.2 106.0 159.0
98 60.9 52.2 78.2



#22
Diisopropyl ether
Concen: 54.355 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion: 45 Resp: 296481
Ion Ratio Lower Upper
45 100
43 56.1 43.4 65.0
87 27.4 22.6 33.8
59 11.6 9.1 13.7

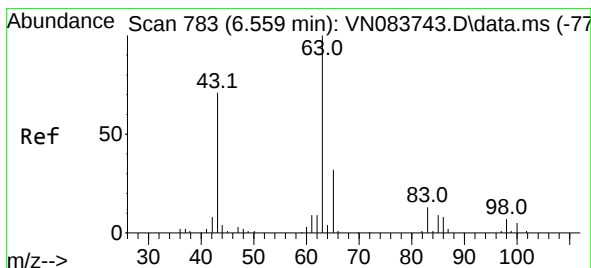
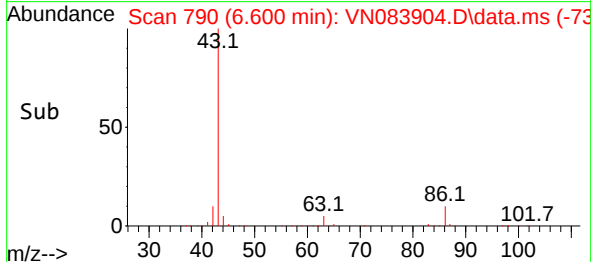
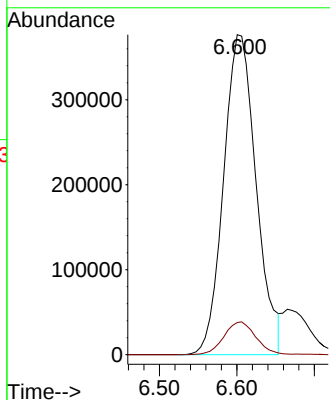
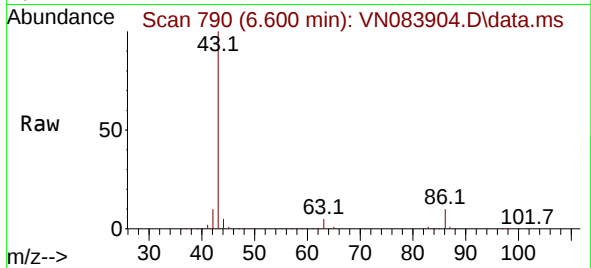




#23
 Vinyl Acetate
 Concen: 276.205 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN083904.D
 Acq: 14 Sep 2024 20:44

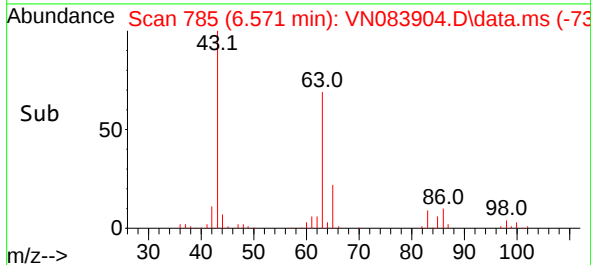
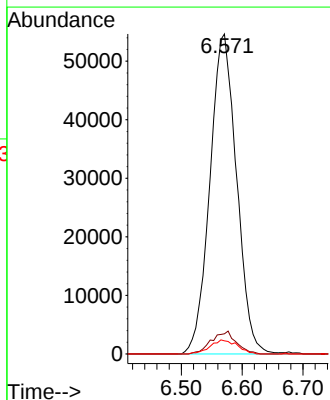
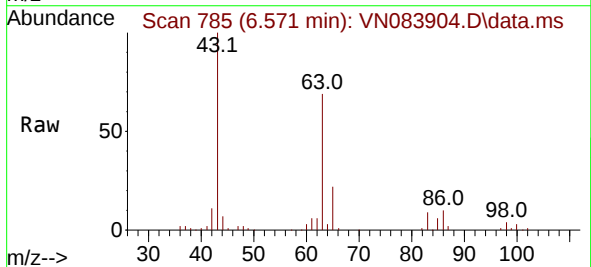
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 43 Resp: 1103280
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 52.986 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.012 min
 Lab File: VN083904.D
 Acq: 14 Sep 2024 20:44

Tgt Ion: 63 Resp: 166505
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 4.1 2.5 7.5

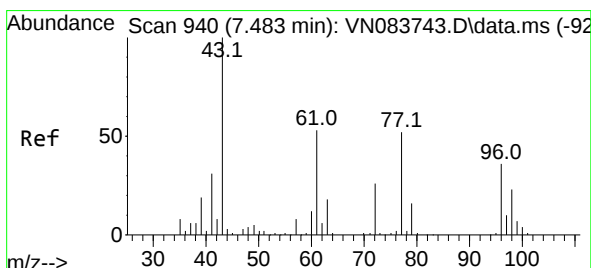
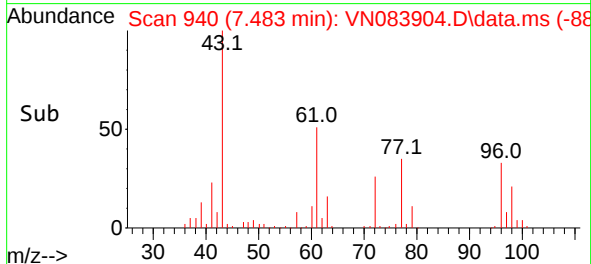
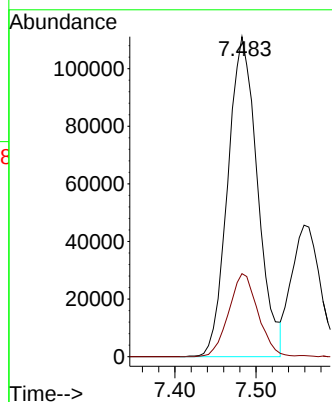
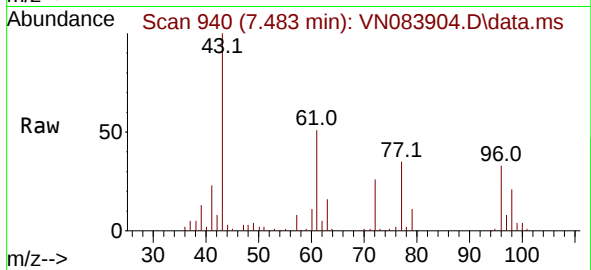




#25
2-Butanone
Concen: 259.003 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

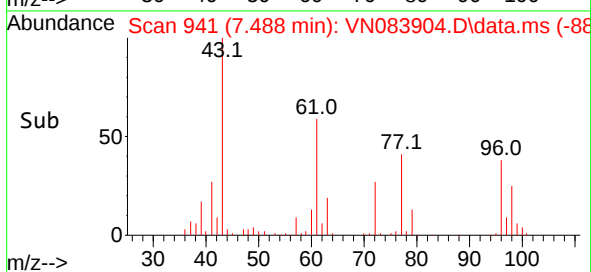
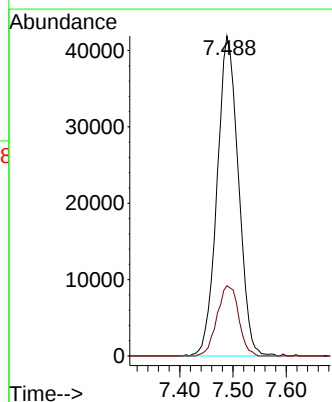
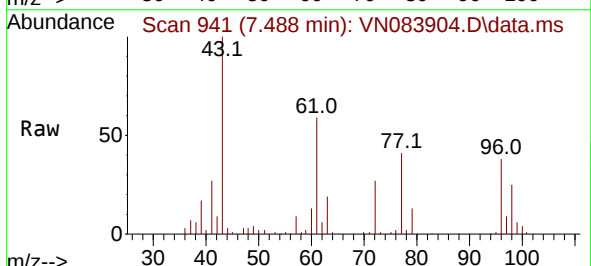
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 282904
Ion Ratio Lower Upper
43 100
72 25.9 20.8 31.2



#26
2,2-Dichloropropane
Concen: 40.329 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

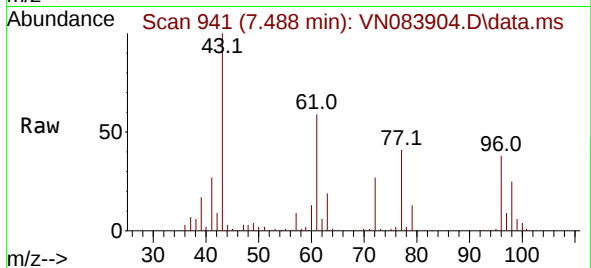
Tgt Ion: 77 Resp: 116710
Ion Ratio Lower Upper
77 100
97 22.2 10.2 30.4



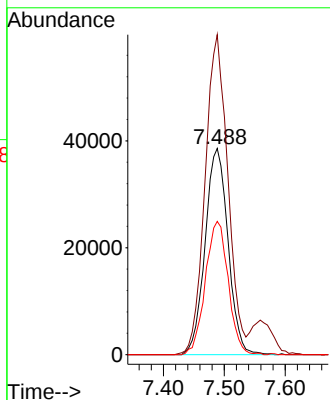
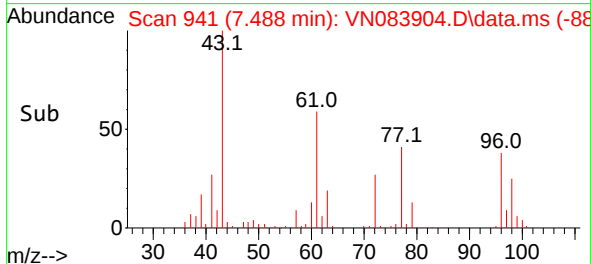


#27
 cis-1,2-Dichloroethene
 Concen: 53.449 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083904.D
 Acq: 14 Sep 2024 20:44

Instrument :
 MSVOA_N
 ClientSampleId :

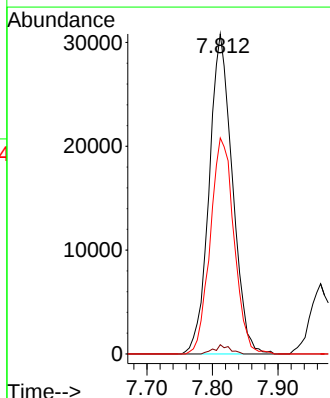
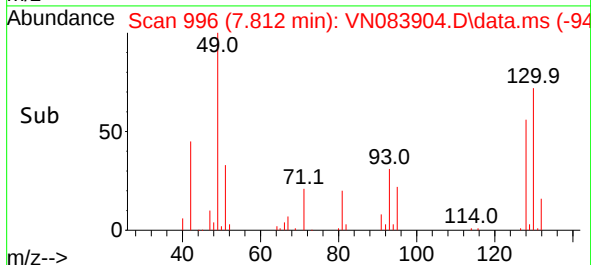
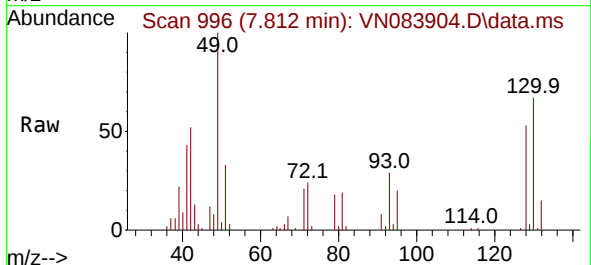


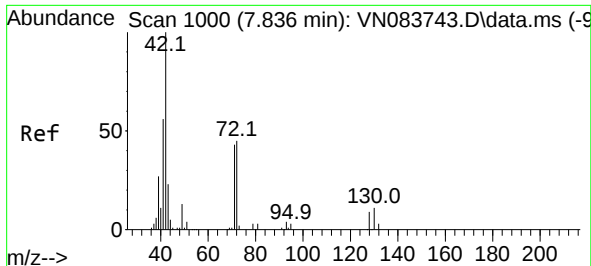
Tgt Ion: 96 Resp: 101116
 Ion Ratio Lower Upper
 96 100
 61 153.8 0.0 306.2
 98 64.4 0.0 128.6



#28
 Bromochloromethane
 Concen: 57.327 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN083904.D
 Acq: 14 Sep 2024 20:44

Tgt Ion: 49 Resp: 75864
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 69.0 60.2 90.2





#29

Tetrahydrofuran

Concen: 281.337 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

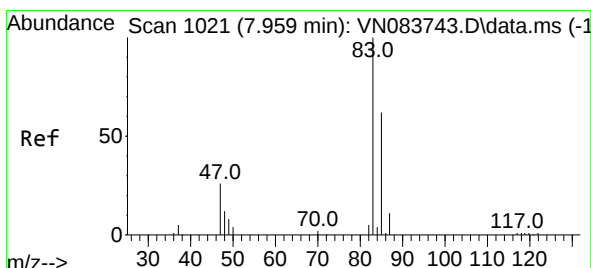
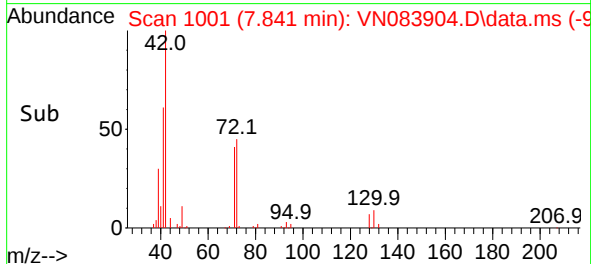
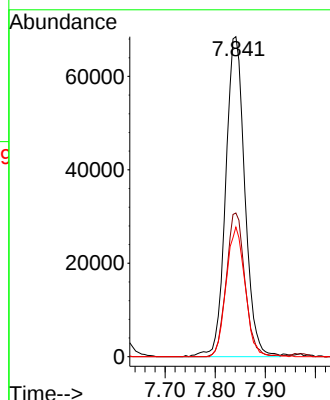
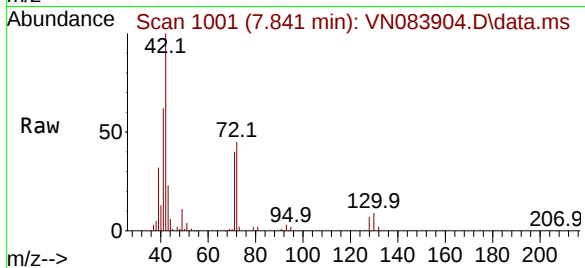
Tgt Ion: 42 Resp: 181703

Ion Ratio Lower Upper

42 100

72 43.8 35.9 53.9

71 39.9 33.9 50.9



#30

Chloroform

Concen: 52.898 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN083904.D

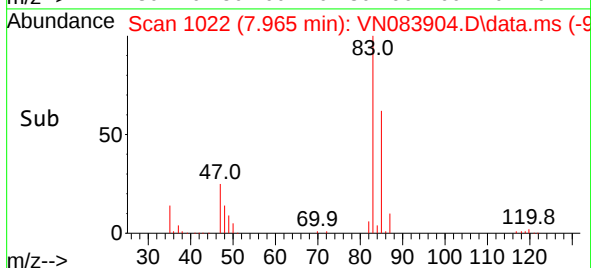
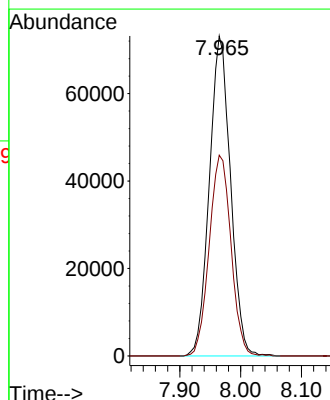
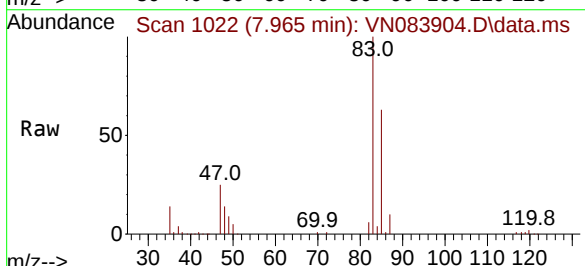
Acq: 14 Sep 2024 20:44

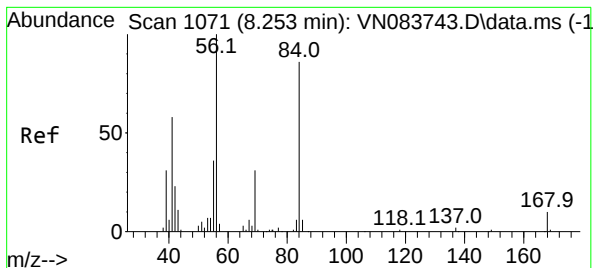
Tgt Ion: 83 Resp: 176477

Ion Ratio Lower Upper

83 100

85 62.8 52.8 79.2





#31

Cyclohexane

Concen: 45.706 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

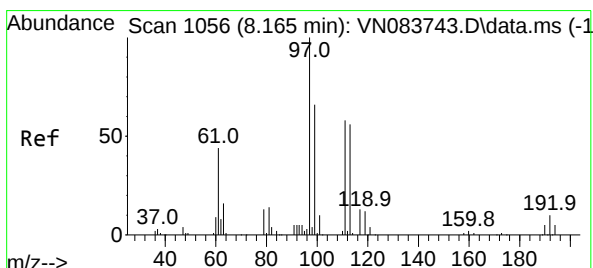
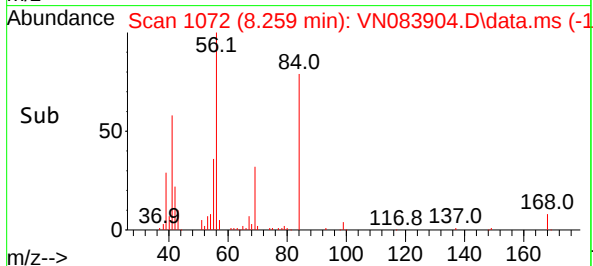
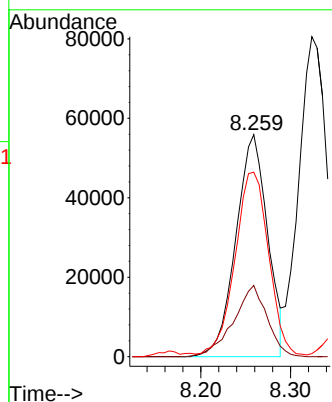
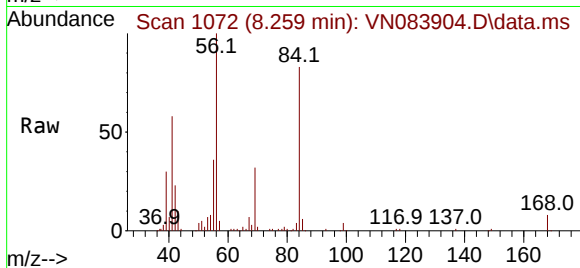
Tgt Ion: 56 Resp: 136944

Ion Ratio Lower Upper

56 100

69 32.1 26.9 40.3

84 82.1 69.2 103.8



#32

1,1,1-Trichloroethane

Concen: 52.654 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

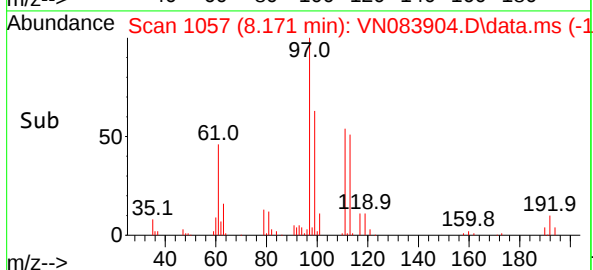
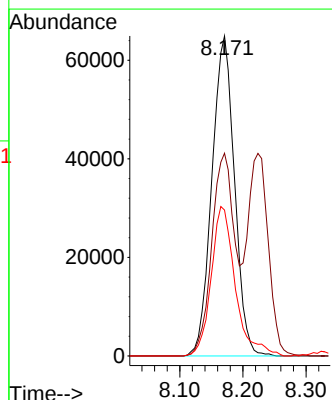
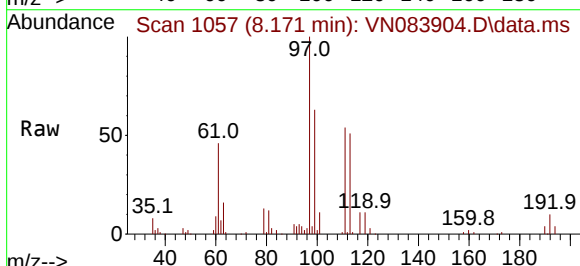
Tgt Ion: 97 Resp: 161521

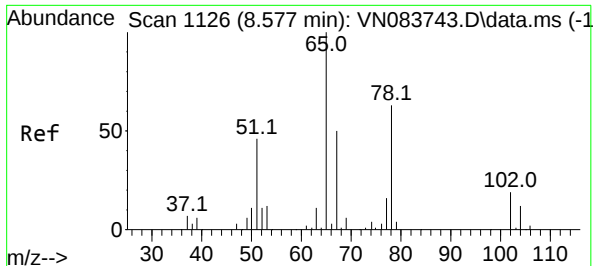
Ion Ratio Lower Upper

97 100

99 62.9 52.3 78.5

61 49.9 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 55.450 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

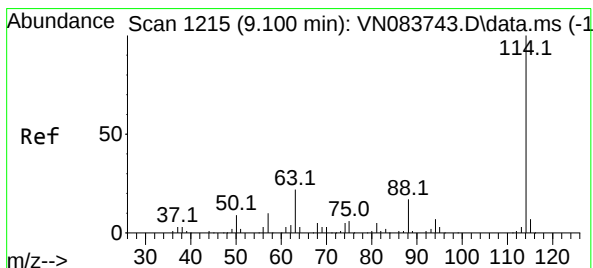
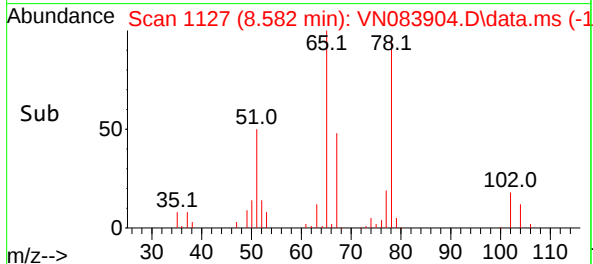
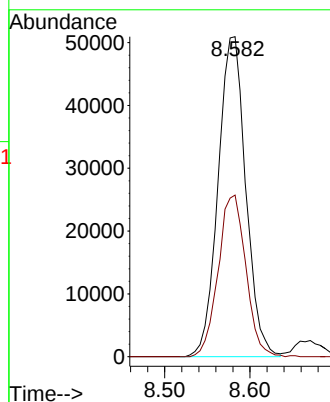
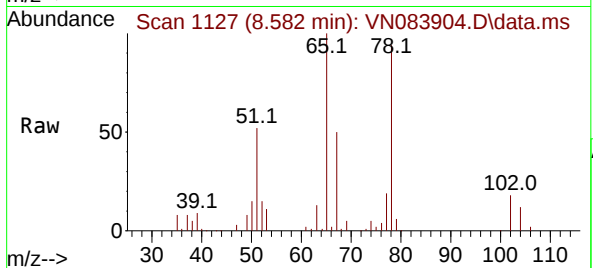
ClientSampleId :

Tgt Ion: 65 Resp: 114952

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

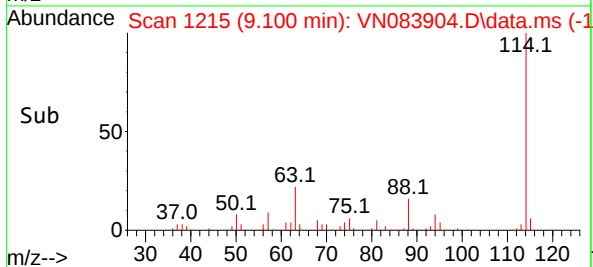
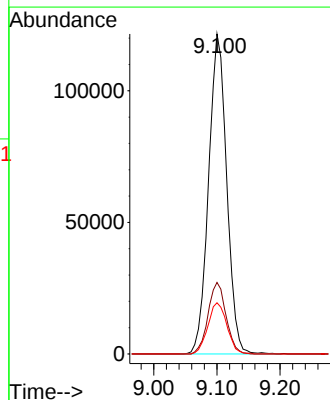
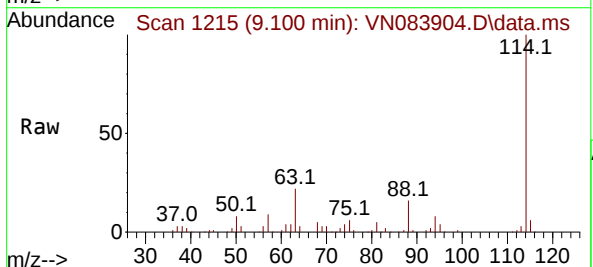
Tgt Ion: 114 Resp: 242124

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.4

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.489 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

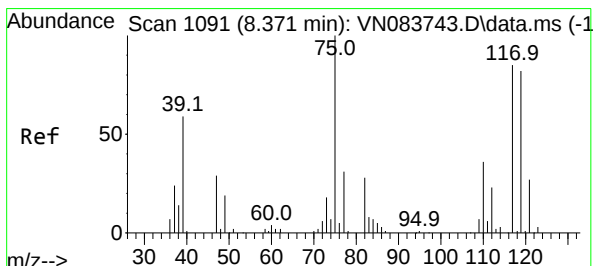
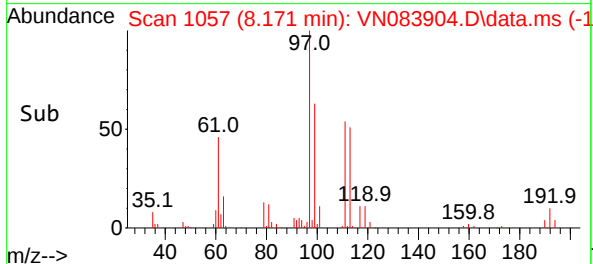
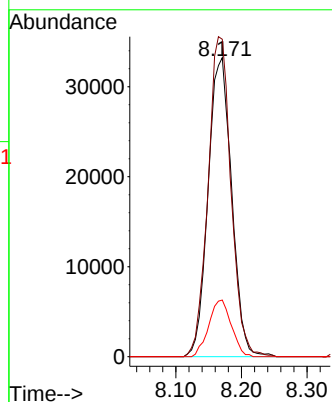
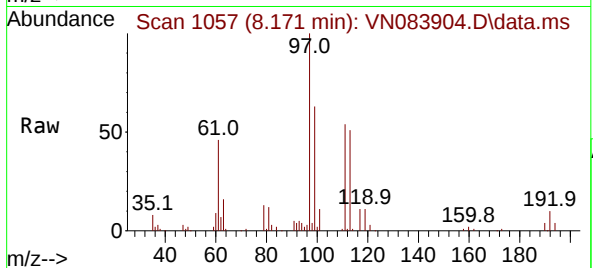
Tgt Ion:113 Resp: 82910

Ion Ratio Lower Upper

113 100

111 104.4 82.6 124.0

192 18.2 14.3 21.5



#36

1,1-Dichloropropene

Concen: 51.059 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

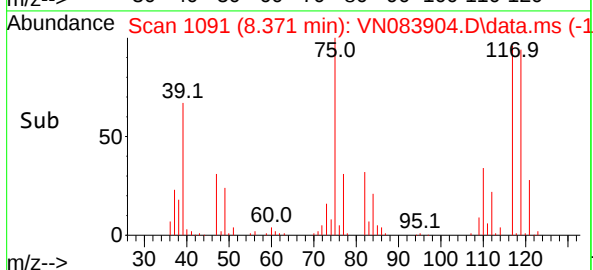
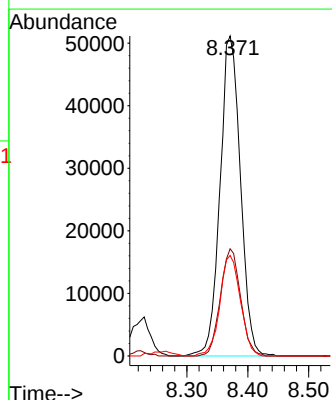
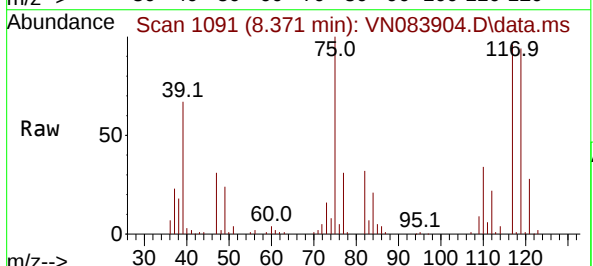
Tgt Ion: 75 Resp: 119123

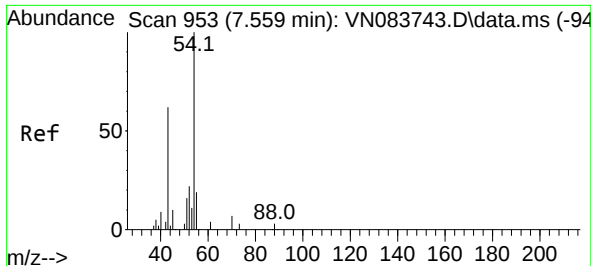
Ion Ratio Lower Upper

75 100

110 33.0 16.7 50.1

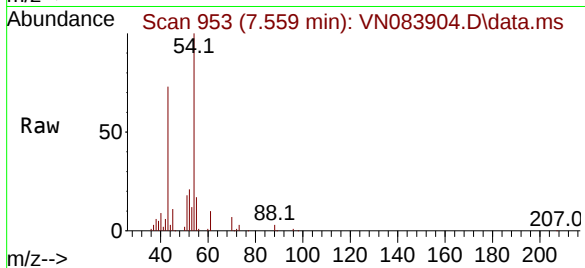
77 31.5 25.2 37.8



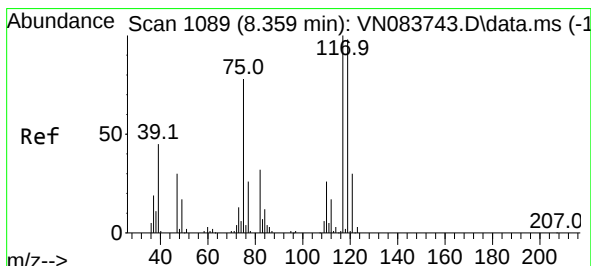
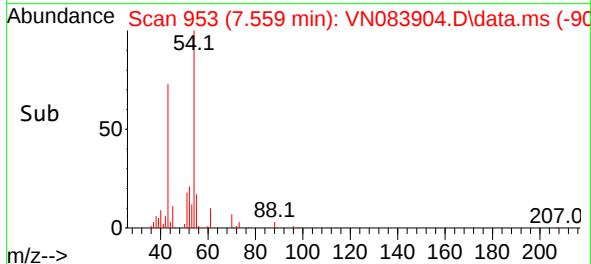
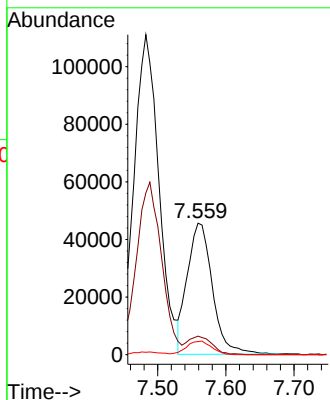


#37
Ethyl Acetate
Concen: 54.827 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Instrument :
MSVOA_N
ClientSampleId :

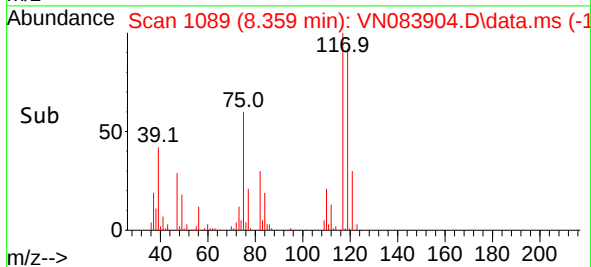
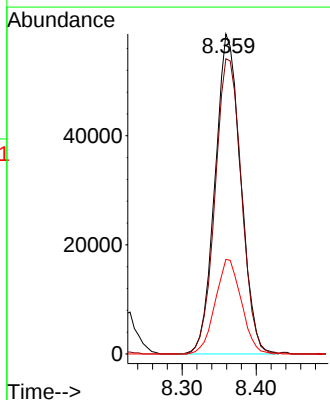
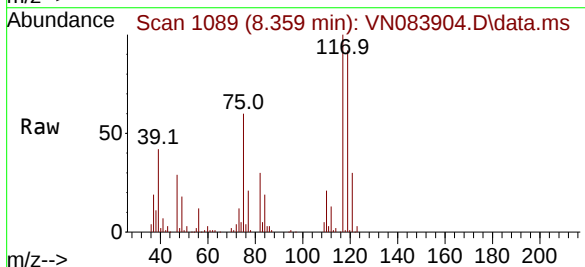


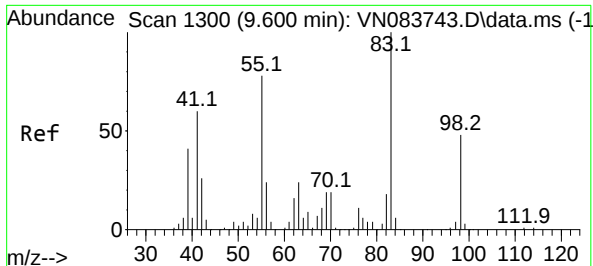
Tgt Ion: 43 Resp: 116108
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 10.3 8.8 13.2



#38
Carbon Tetrachloride
Concen: 53.287 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion: 117 Resp: 141040
Ion Ratio Lower Upper
117 100
119 92.3 76.1 114.1
121 29.5 24.1 36.1





#39

Methylcyclohexane

Concen: 49.561 ug/l

RT: 9.600 min Scan# 111

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

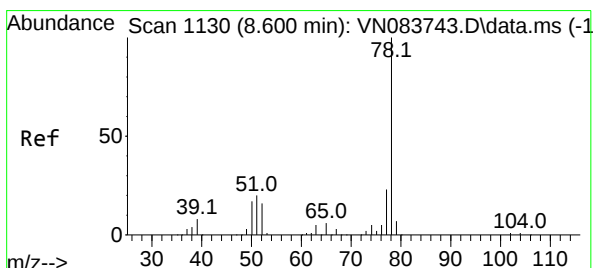
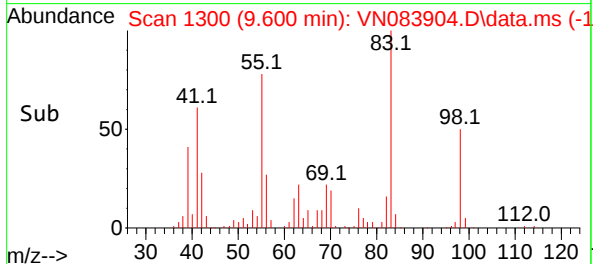
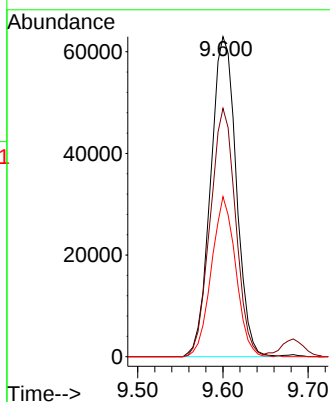
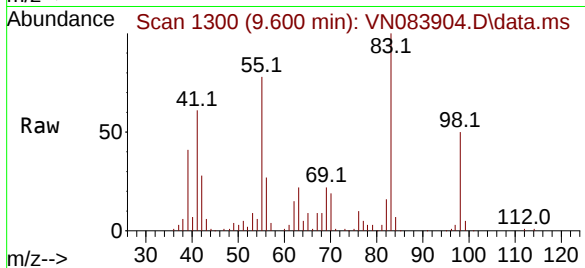
Tgt Ion: 83 Resp: 131613

Ion Ratio Lower Upper

83 100

55 77.6 62.2 93.4

98 50.0 37.6 56.4



#40

Benzene

Concen: 51.374 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN083904.D

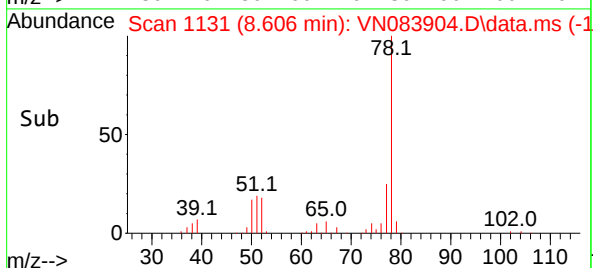
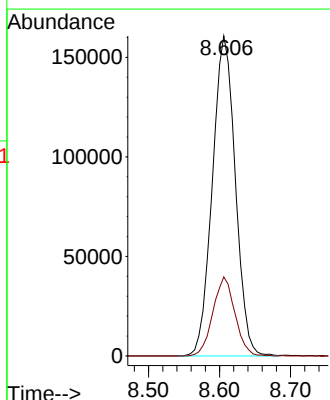
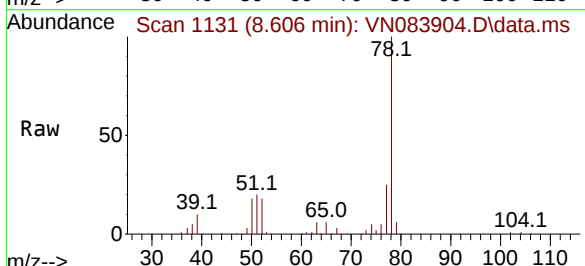
Acq: 14 Sep 2024 20:44

Tgt Ion: 78 Resp: 360757

Ion Ratio Lower Upper

78 100

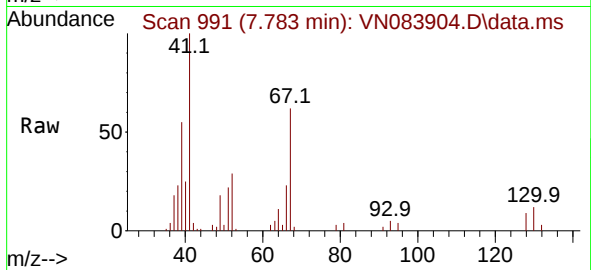
77 24.7 19.0 28.6



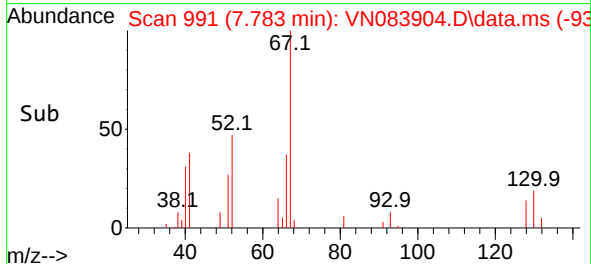
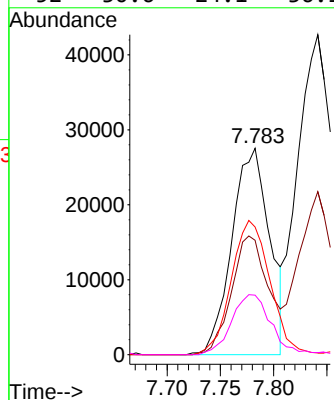


#41
Methacrylonitrile
Concen: 54.270 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Instrument :
MSVOA_N
ClientSampleId :

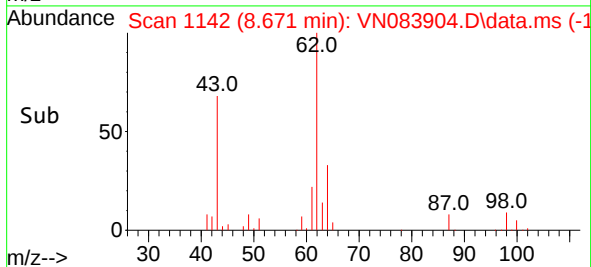
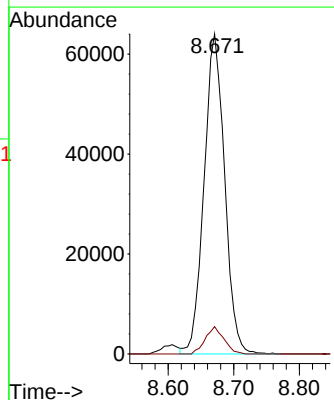
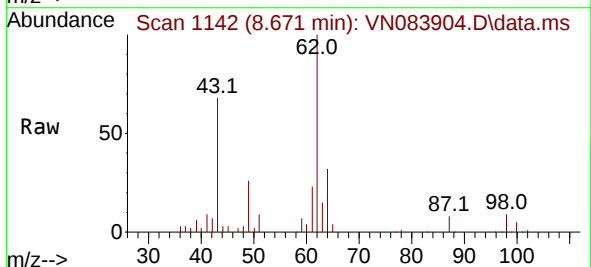


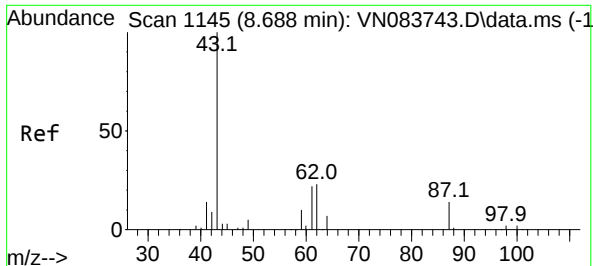
Tgt Ion:	41	Resp:	67975
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.4	68.2
67	67.2	55.9	83.9
52	30.6	24.1	36.1



#42
1,2-Dichloroethane
Concen: 53.286 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion:	62	Resp:	139818
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.6

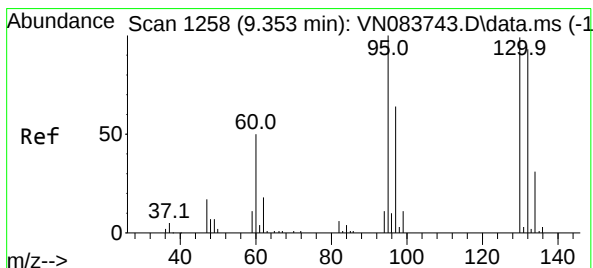
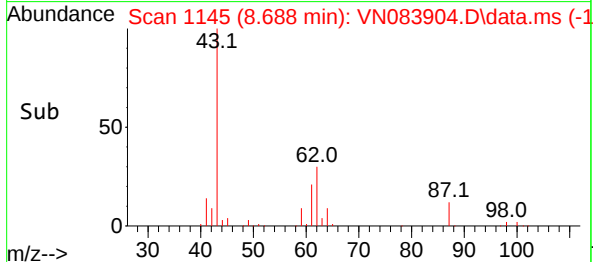
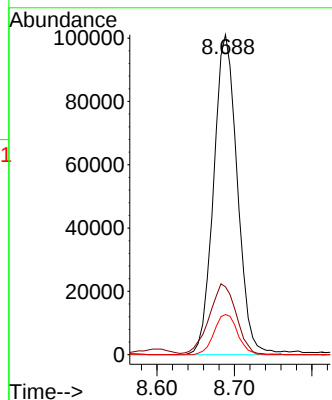
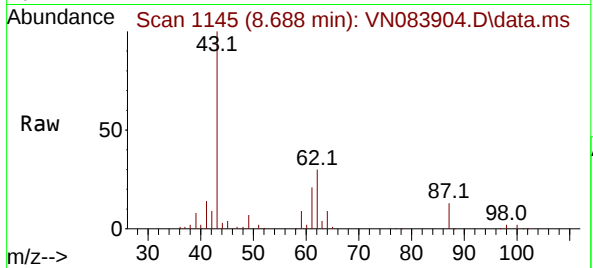




#43
Isopropyl Acetate
Concen: 55.940 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

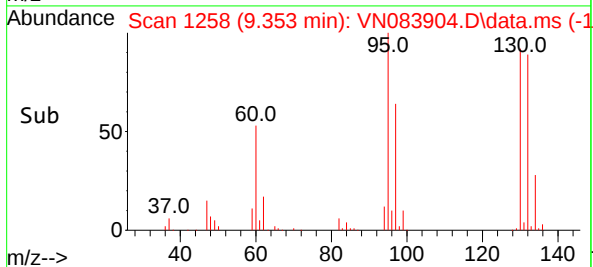
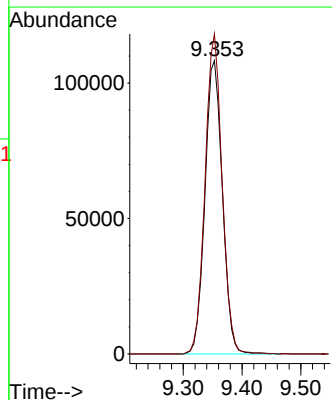
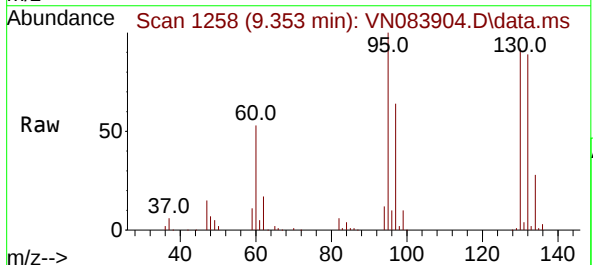
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 214674
Ion Ratio Lower Upper
43 100
61 25.5 19.4 29.0
87 12.5 9.8 14.6



#44
Trichloroethene
Concen: 137.638 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion:130 Resp: 223819
Ion Ratio Lower Upper
130 100
95 109.0 0.0 200.4





#45

1,2-Dichloropropane

Concen: 52.554 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

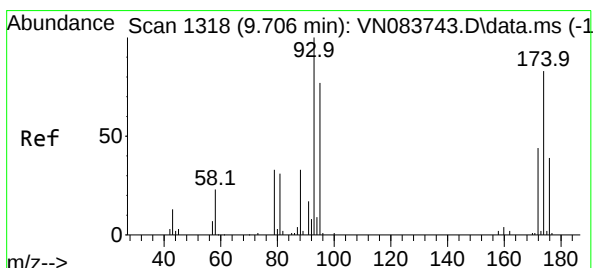
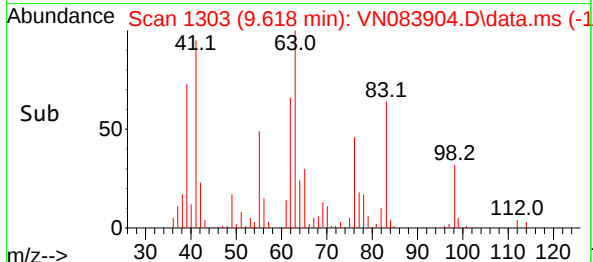
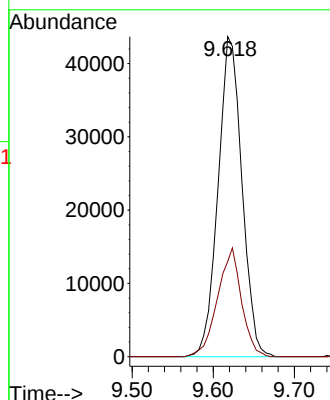
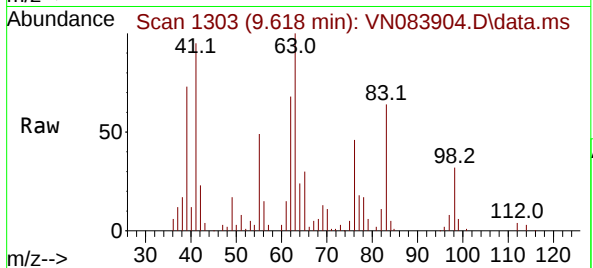
ClientSampleId :

Tgt Ion: 63 Resp: 89196

Ion Ratio Lower Upper

63 100

65 29.7 25.9 38.9



#46

Dibromomethane

Concen: 53.162 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

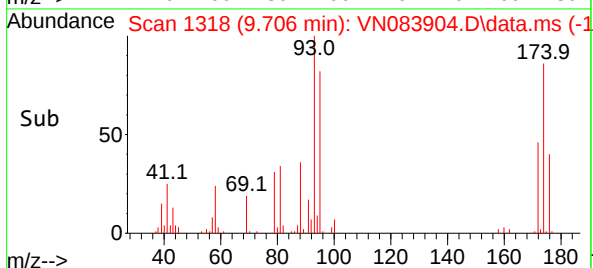
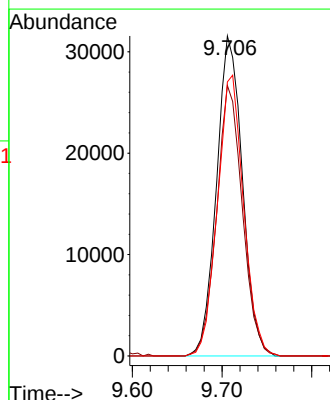
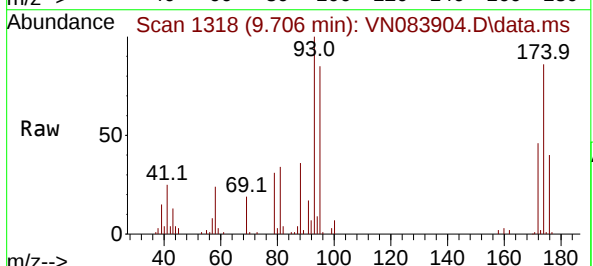
Tgt Ion: 93 Resp: 63198

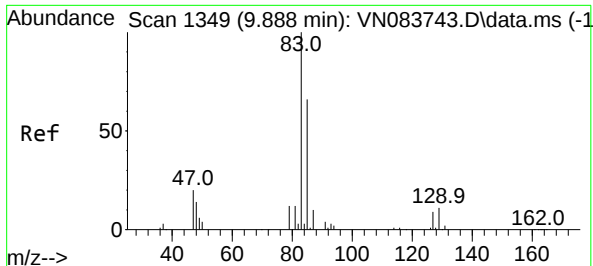
Ion Ratio Lower Upper

93 100

95 84.2 65.3 97.9

174 88.6 71.0 106.4





#47

Bromodichloromethane

Concen: 55.298 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

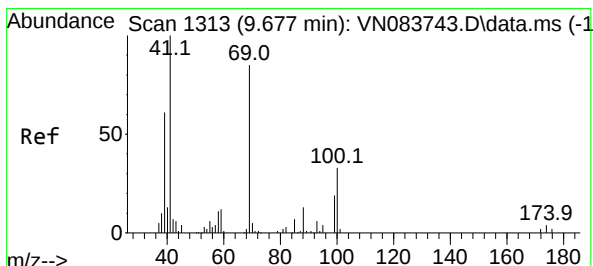
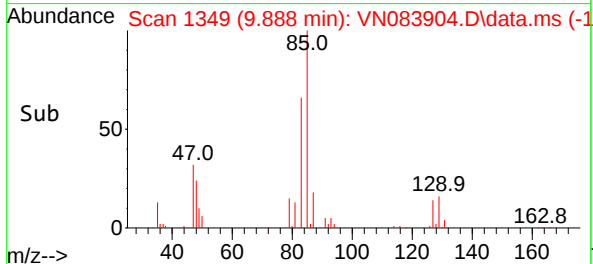
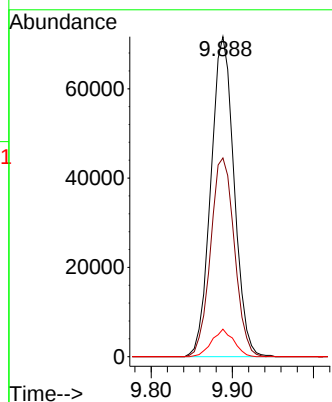
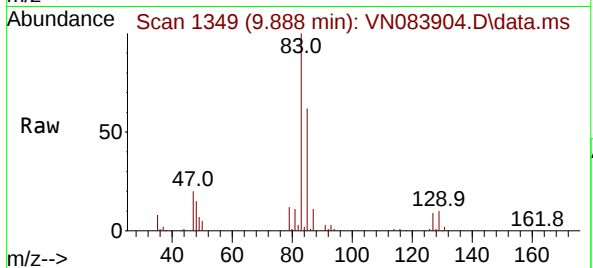
Tgt Ion: 83 Resp: 142270

Ion Ratio Lower Upper

83 100

85 62.1 51.8 77.8

127 8.6 6.6 9.8



#48

Methyl methacrylate

Concen: 57.268 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

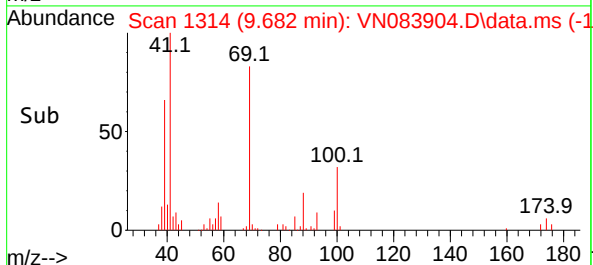
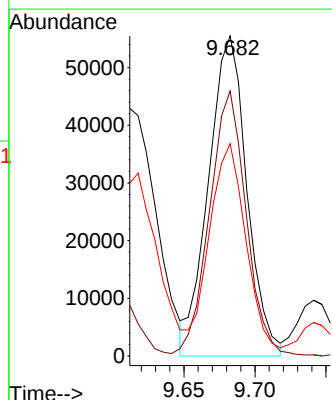
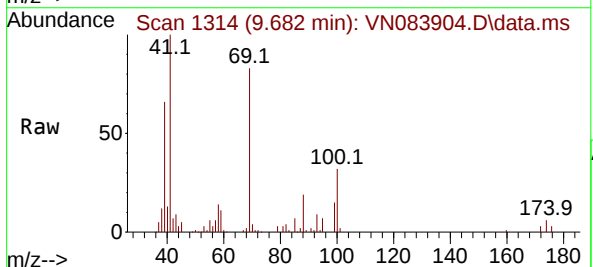
Tgt Ion: 41 Resp: 104268

Ion Ratio Lower Upper

41 100

69 79.2 64.3 96.5

39 63.4 48.9 73.3





#49

1,4-Dioxane

Concen: 1110.959 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

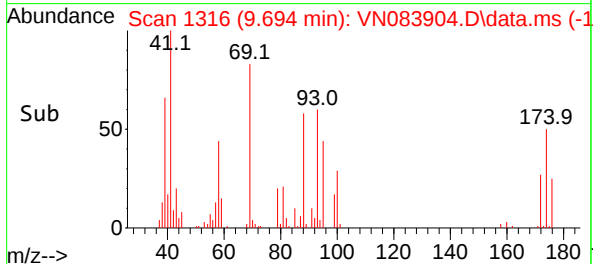
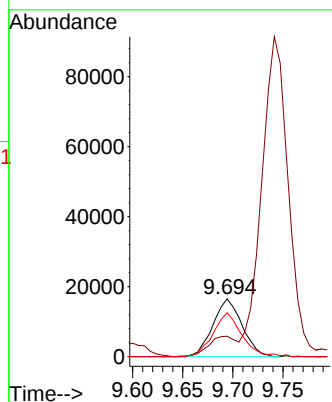
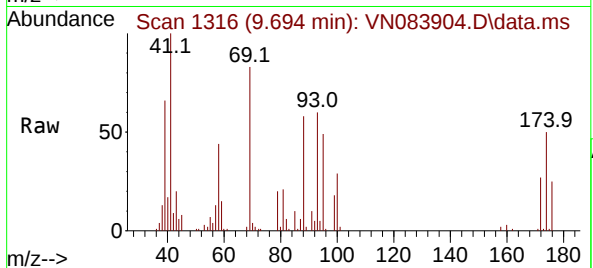
Tgt Ion: 88 Resp: 33275

Ion Ratio Lower Upper

88 100

43 35.0 0.0 0.0#

58 75.6 57.1 85.7



#50

Toluene-d8

Concen: 56.287 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083904.D

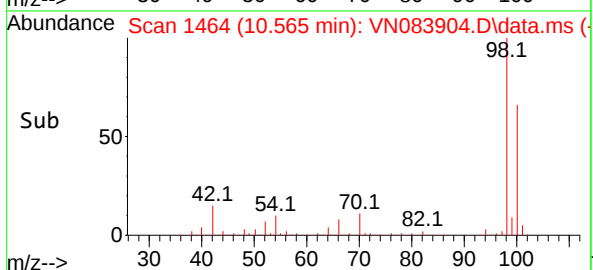
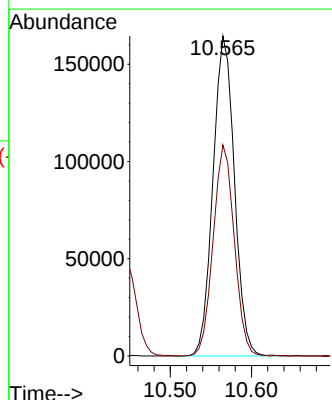
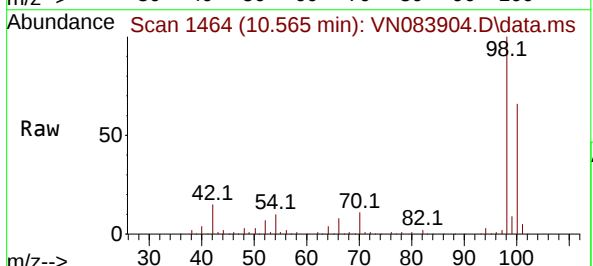
Acq: 14 Sep 2024 20:44

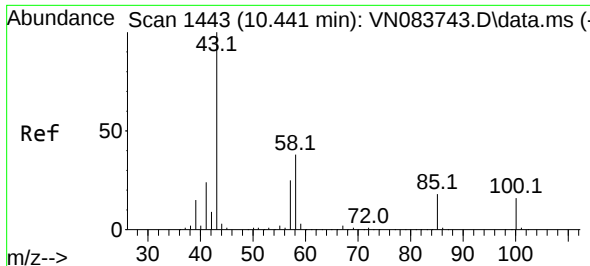
Tgt Ion: 98 Resp: 301618

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

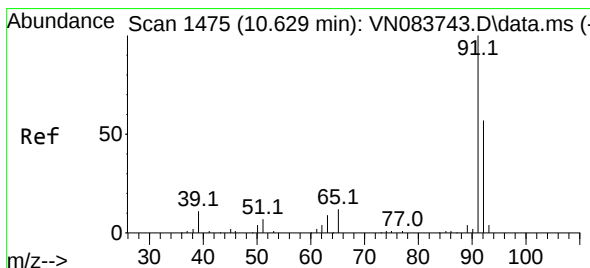
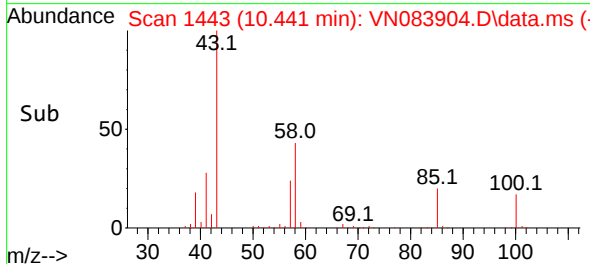
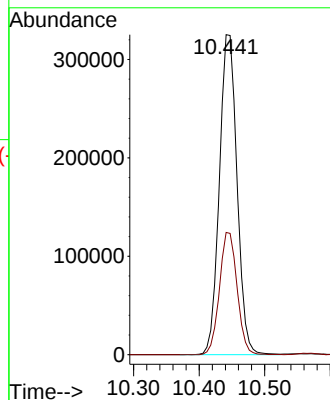
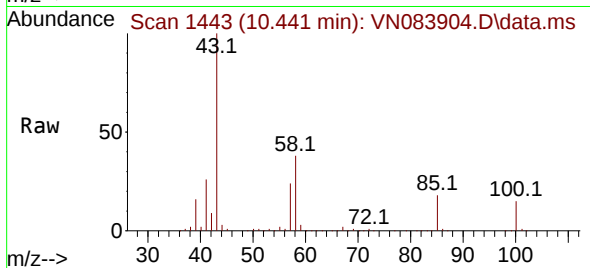




#51
4-Methyl-2-Pentanone
Concen: 290.142 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

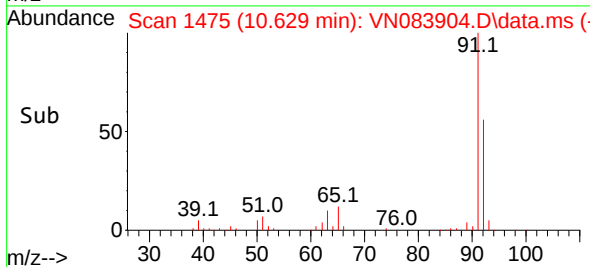
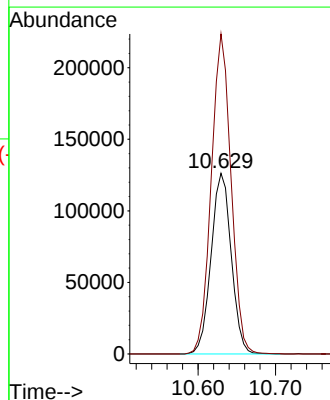
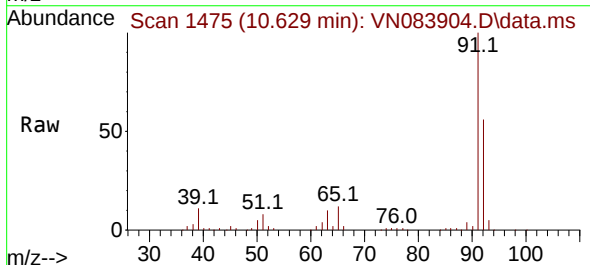
Instrument :
MSVOA_N
ClientSampleId :

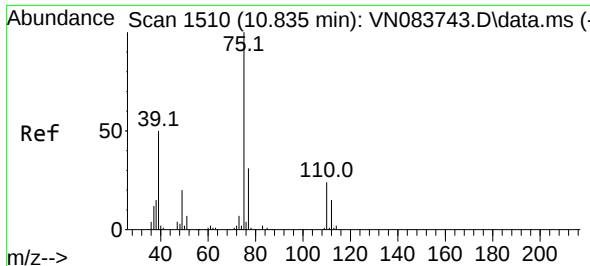
Tgt Ion: 43 Resp: 606103
Ion Ratio Lower Upper
43 100
58 38.1 31.6 47.4



#52
Toluene
Concen: 53.028 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

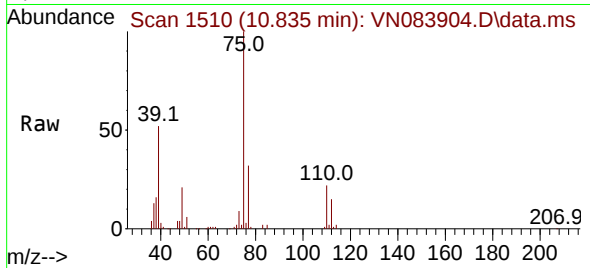
Tgt Ion: 92 Resp: 227767
Ion Ratio Lower Upper
92 100
91 173.9 134.7 202.1



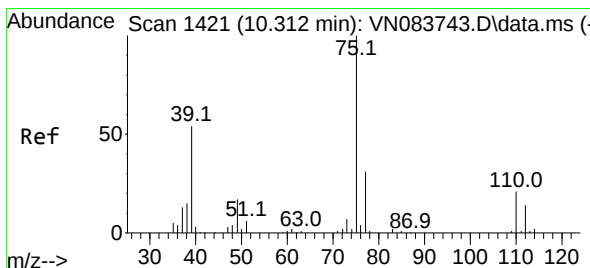
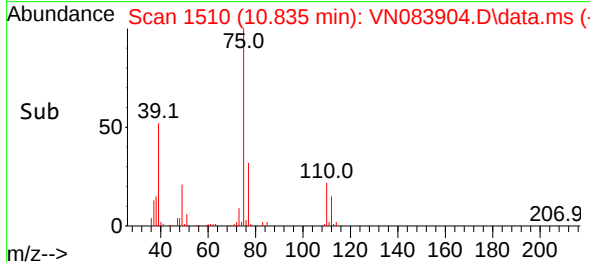
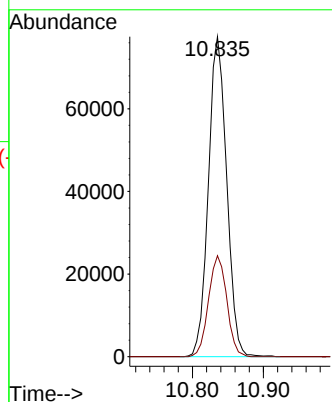


#53
t-1,3-Dichloropropene
Concen: 53.172 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Instrument :
MSVOA_N
ClientSampleId :

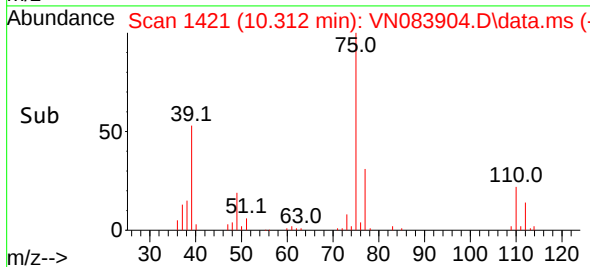
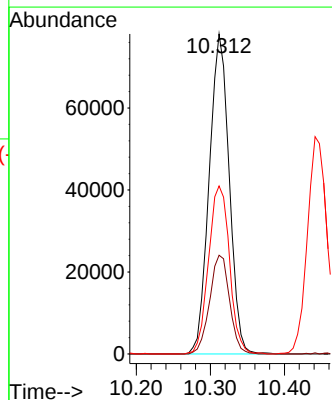
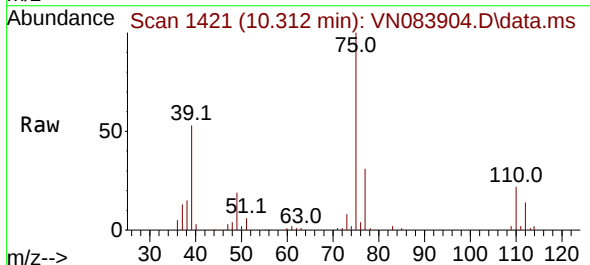


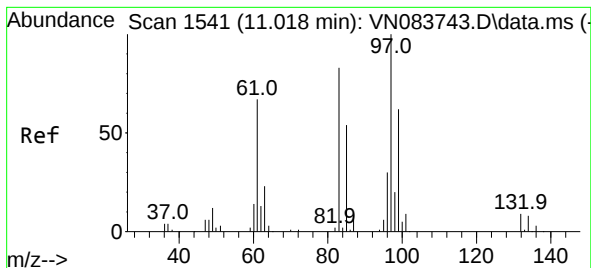
Tgt Ion: 75 Resp: 138664
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 53.393 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion: 75 Resp: 146260
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.6
39 52.5 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 53.181 ug/l

RT: 11.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 85279

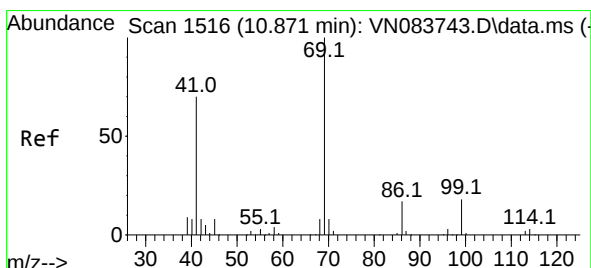
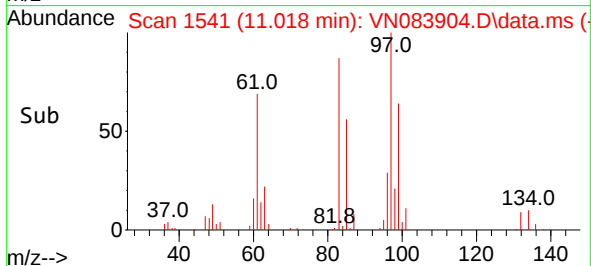
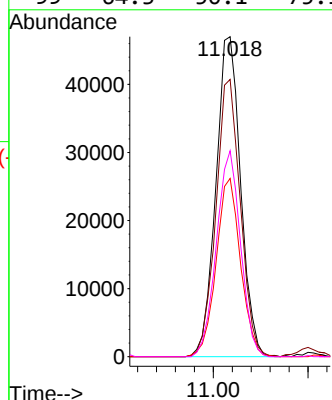
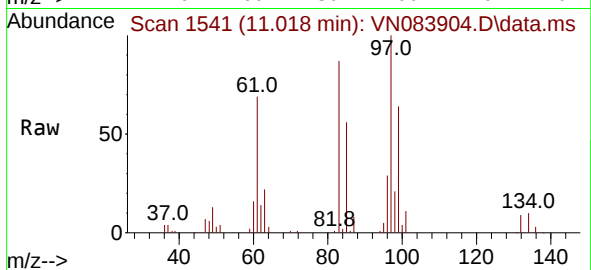
Ion Ratio Lower Upper

97 100

83 86.7 67.5 101.3

85 55.7 44.2 66.2

99 64.3 50.1 75.1



#56

Ethyl methacrylate

Concen: 59.043 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

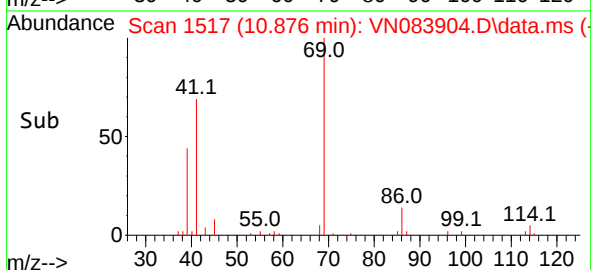
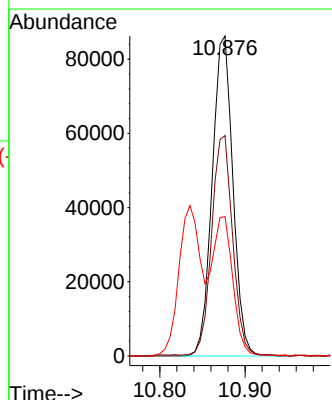
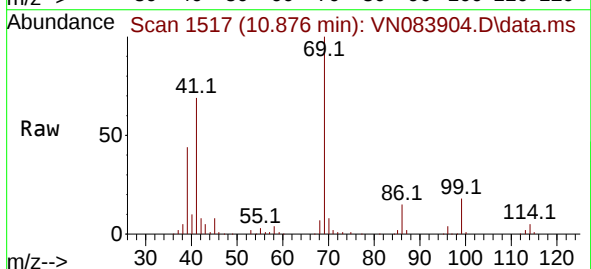
Tgt Ion: 69 Resp: 145667

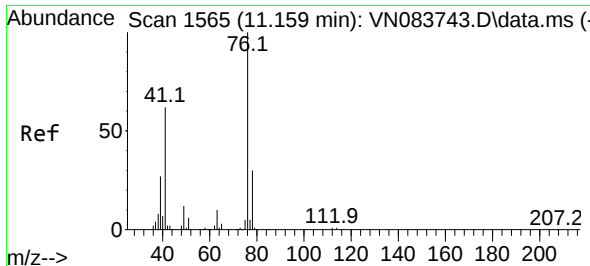
Ion Ratio Lower Upper

69 100

41 70.6 53.9 80.9

39 43.3 32.6 48.8





#57

1,3-Dichloropropane

Concen: 52.962 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

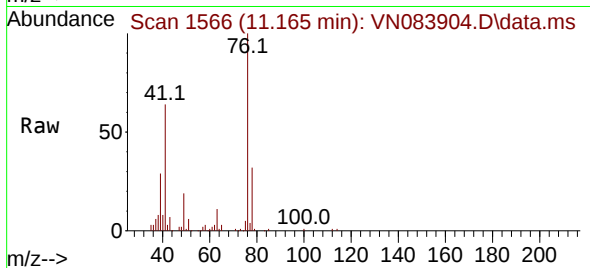
Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

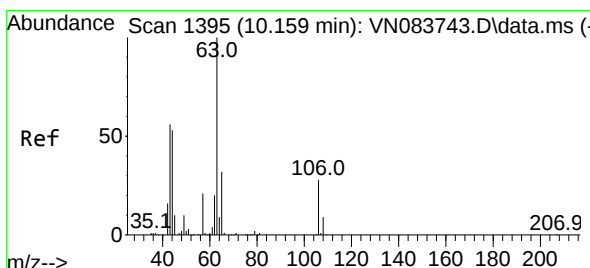
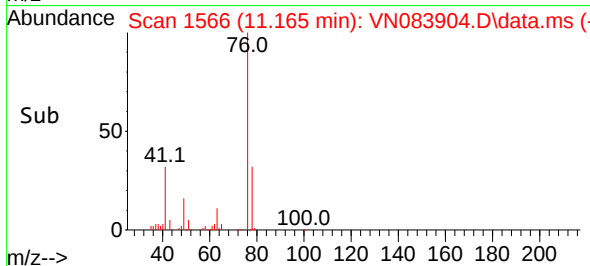
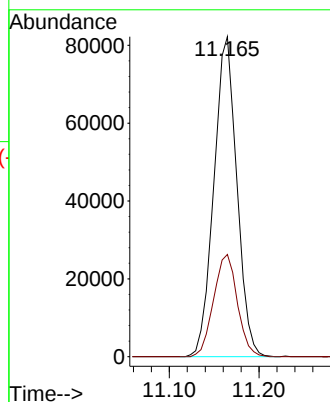


Tgt Ion: 76 Resp: 145963

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 360.383 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN083904.D

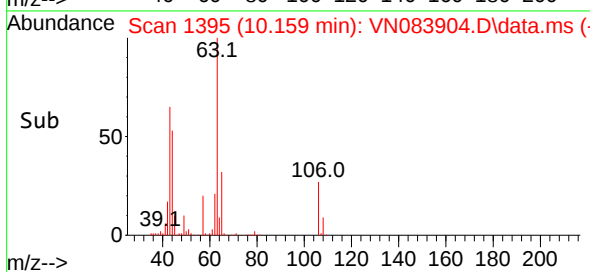
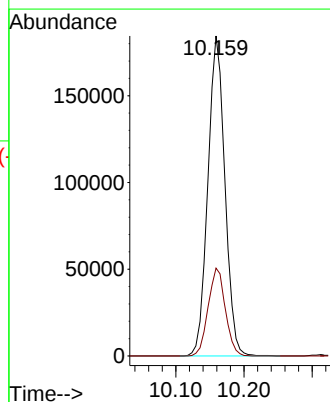
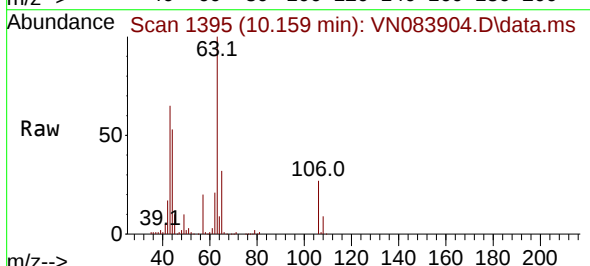
Acq: 14 Sep 2024 20:44

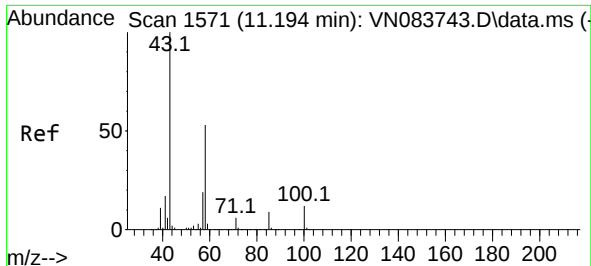
Tgt Ion: 63 Resp: 320366

Ion Ratio Lower Upper

63 100

106 27.6 23.3 34.9

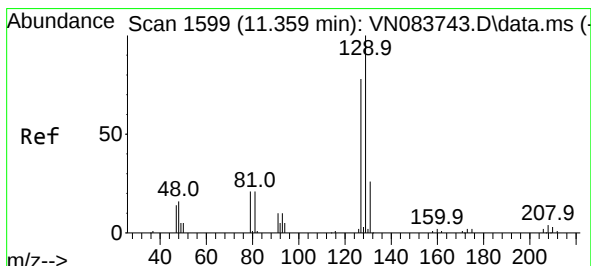
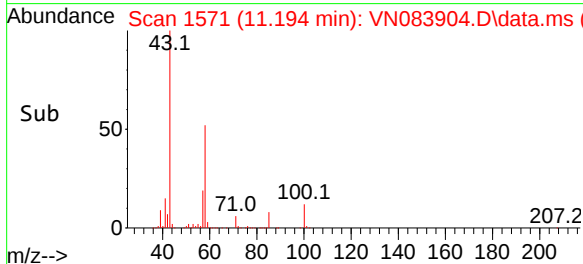
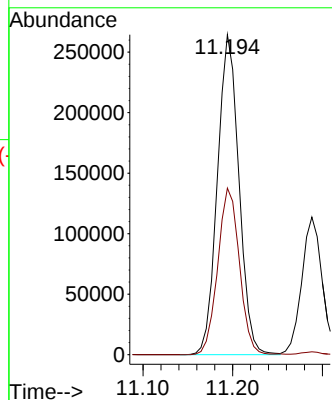
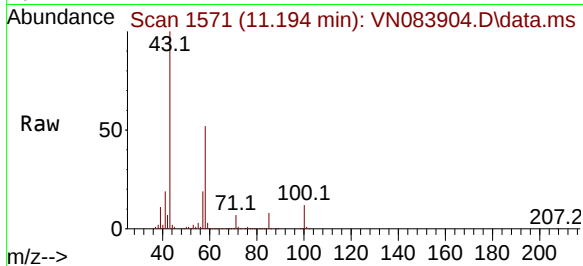




#59
2-Hexanone
Concen: 285.375 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

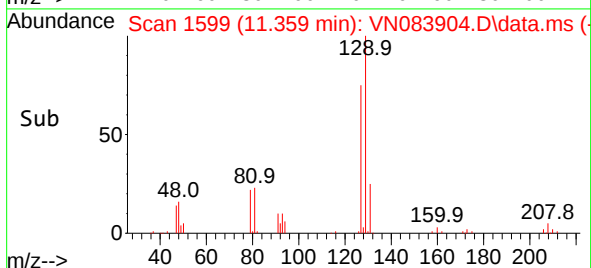
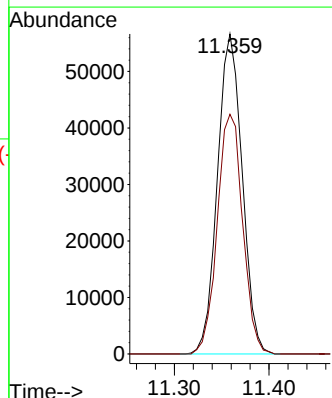
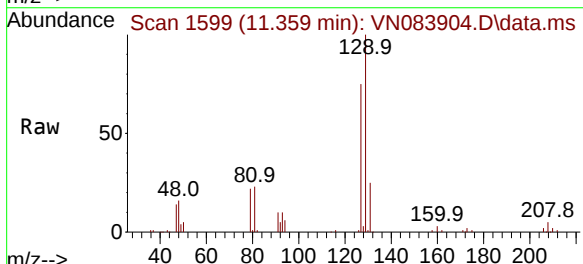
Instrument :
MSVOA_N
ClientSampleId :

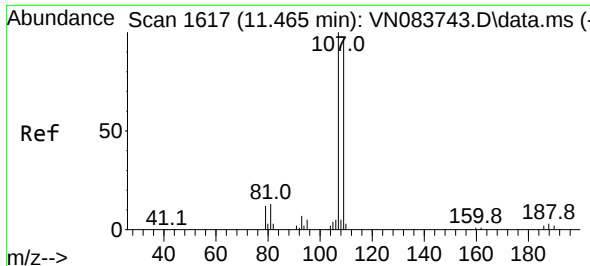
Tgt Ion: 43 Resp: 440983
Ion Ratio Lower Upper
43 100
58 52.4 27.2 81.5



#60
Dibromochloromethane
Concen: 57.343 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion:129 Resp: 102908
Ion Ratio Lower Upper
129 100
127 76.8 39.0 116.9

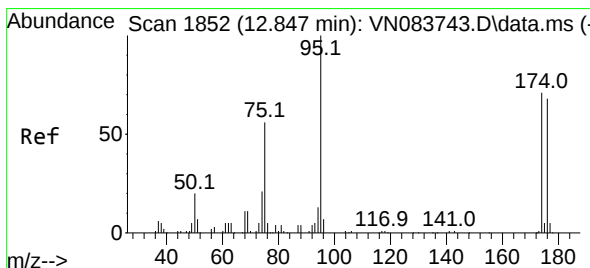
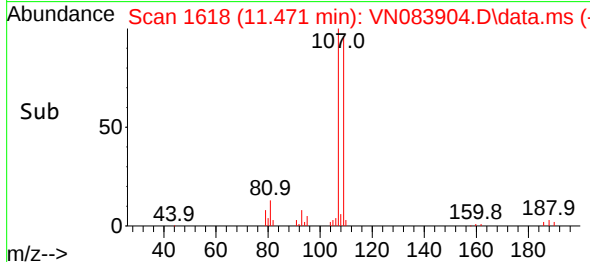
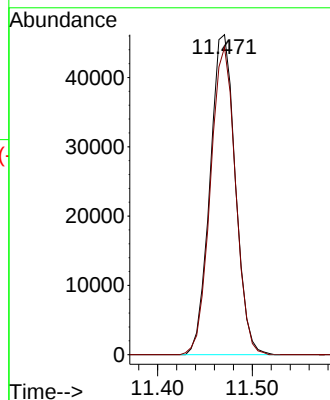
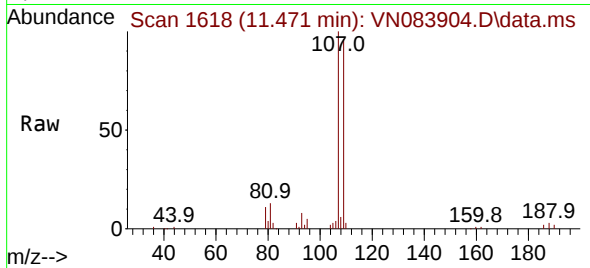




#61
1,2-Dibromoethane
Concen: 53.671 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

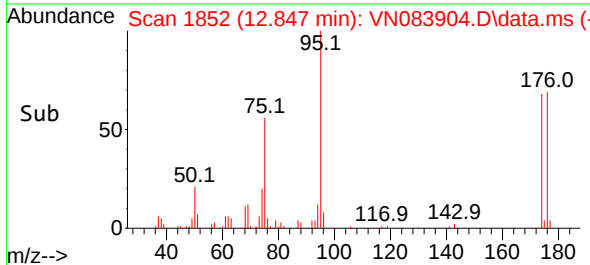
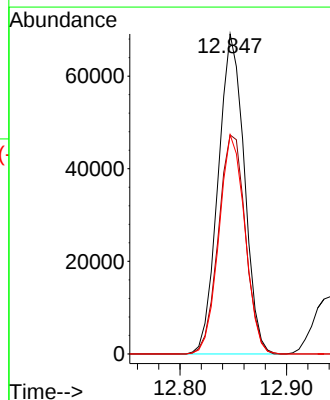
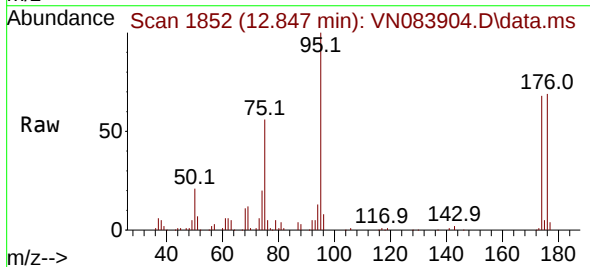
Instrument :
MSVOA_N
ClientSampleId :

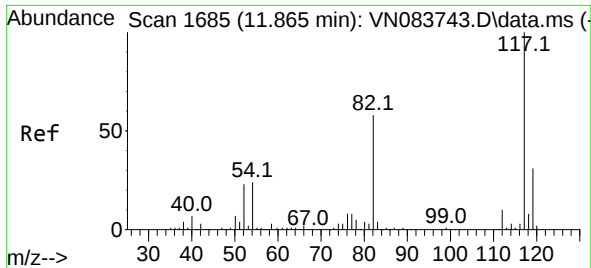
Tgt Ion:107 Resp: 85832
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.250 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion: 95 Resp: 117726
Ion Ratio Lower Upper
95 100
174 70.7 0.0 139.8
176 68.1 0.0 131.4

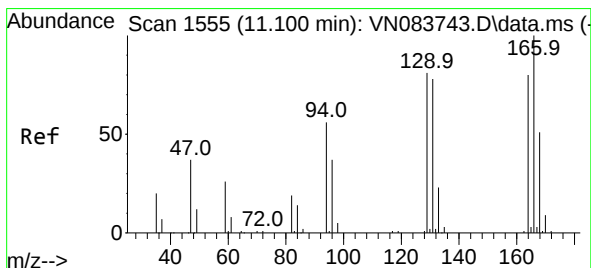
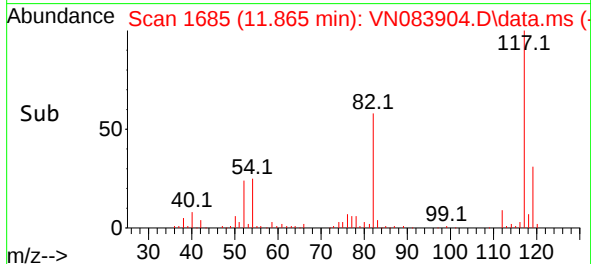
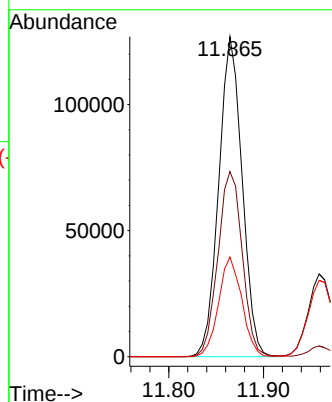
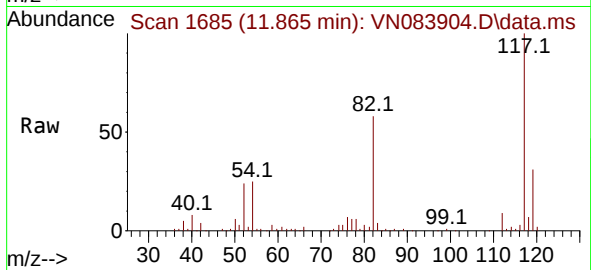




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117865
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

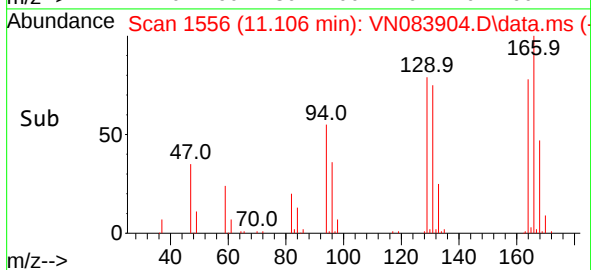
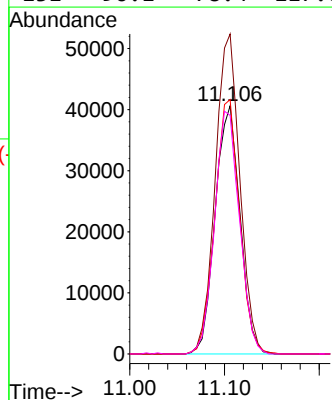
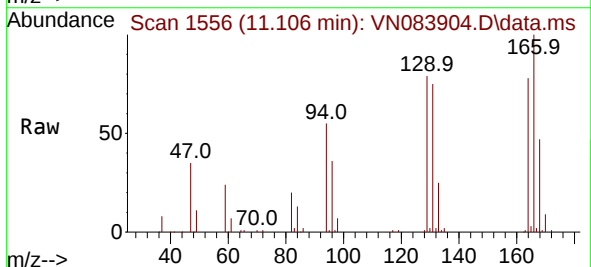
Instrument :
MSVOA_N
ClientSampleId :

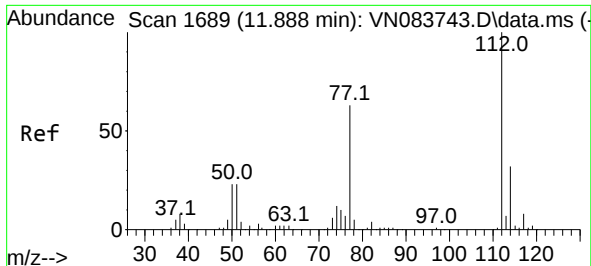
Tgt Ion:117 Resp: 217865
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.0
119 31.2 26.3 39.5



#64
Tetrachloroethene
Concen: 51.009 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion:164 Resp: 73904
Ion Ratio Lower Upper
164 100
166 128.9 103.7 155.5
129 102.5 79.9 119.9
131 96.1 78.4 117.6

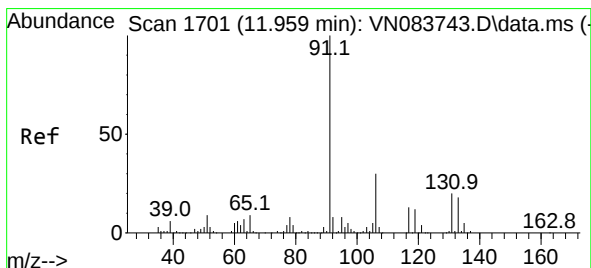
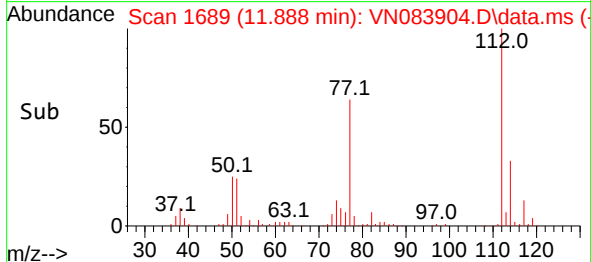
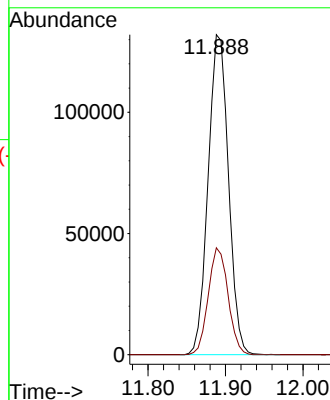
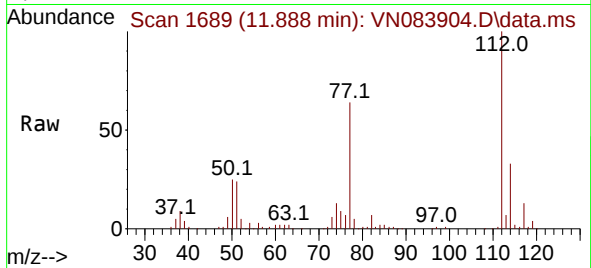




#65
Chlorobenzene
Concen: 49.687 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

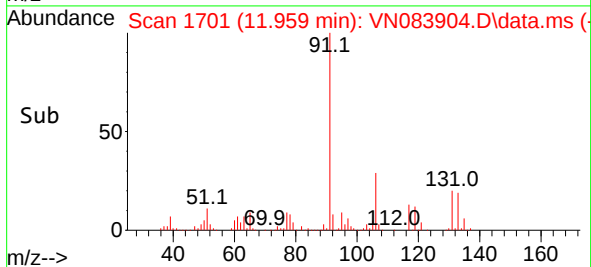
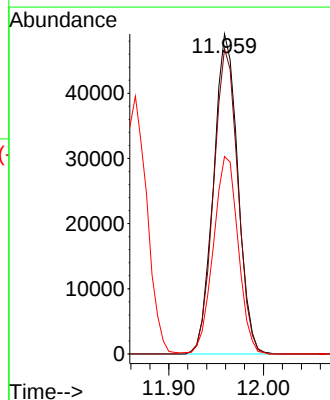
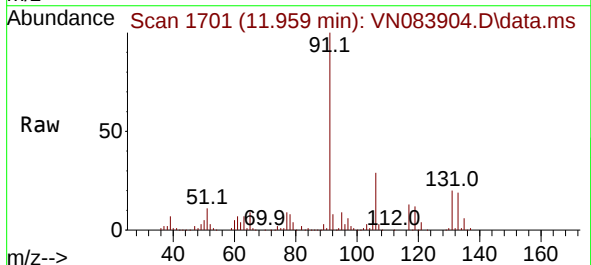
Instrument :
MSVOA_N
ClientSampleId :

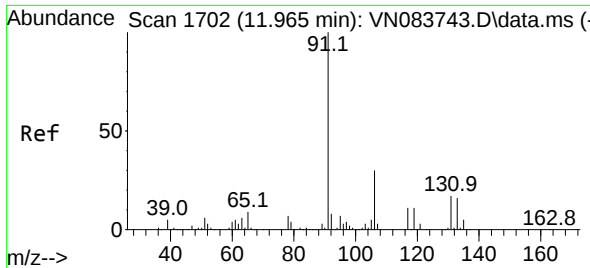
Tgt Ion:112 Resp: 240594
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.050 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion:131 Resp: 87373
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 63.2 31.6 94.8

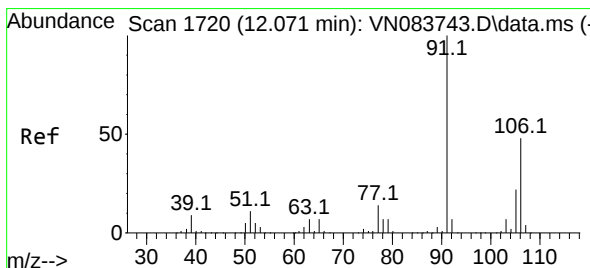
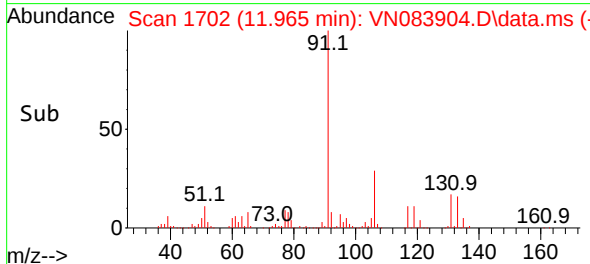
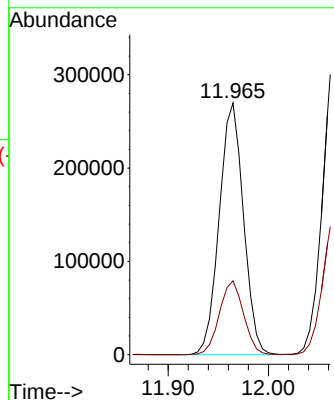
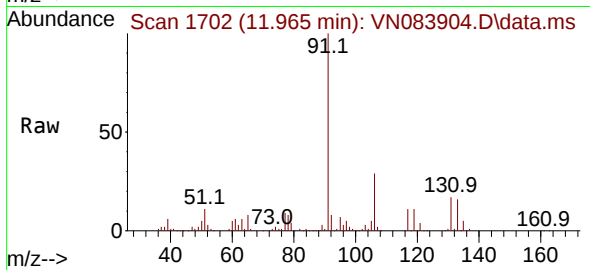




#67
Ethyl Benzene
Concen: 52.546 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

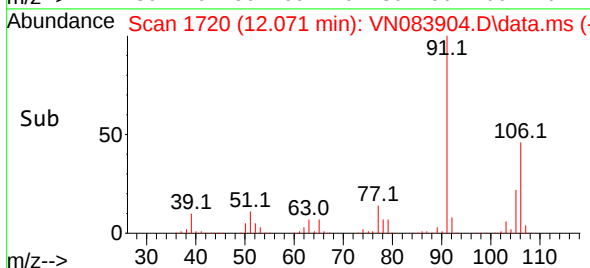
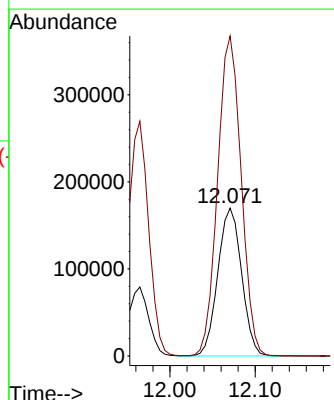
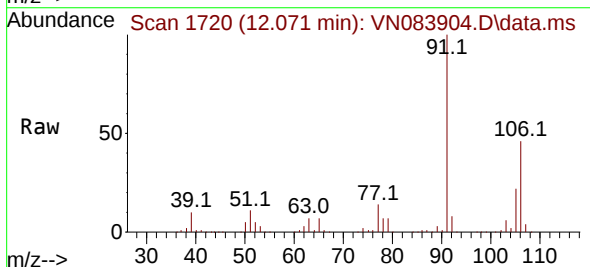
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 451984
Ion Ratio Lower Upper
91 100
106 29.4 24.3 36.5



#68
m/p-Xylenes
Concen: 103.219 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion:106 Resp: 329633
Ion Ratio Lower Upper
106 100
91 214.8 169.2 253.8

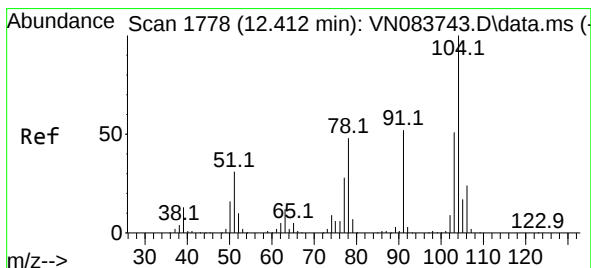
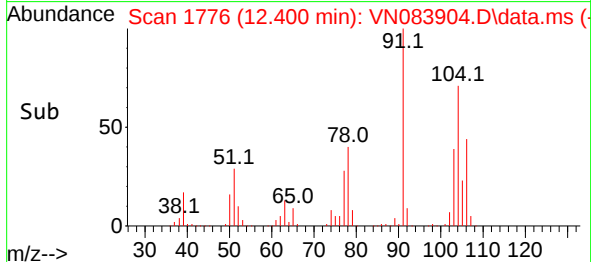
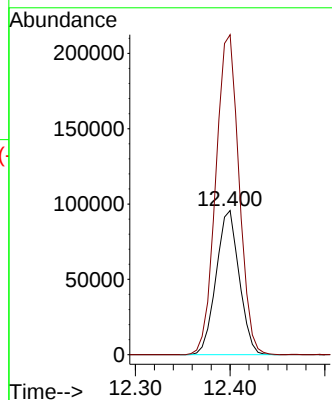
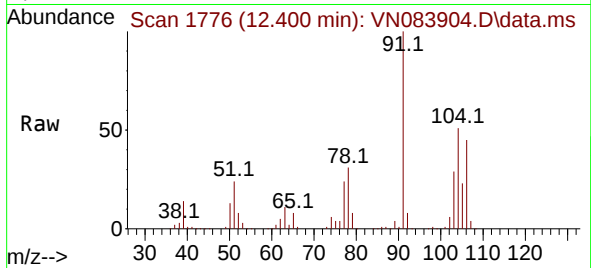




#69
o-Xylene
Concen: 52.389 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

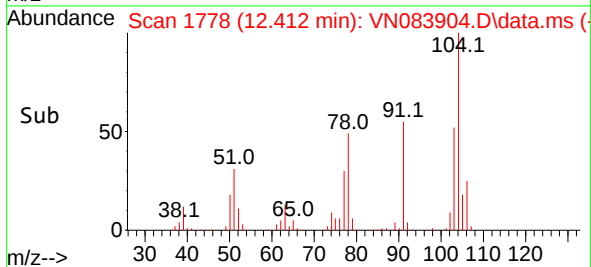
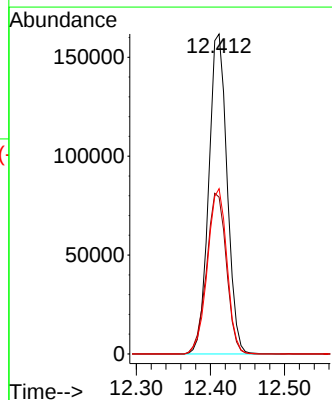
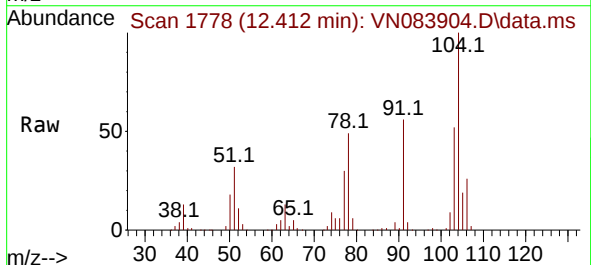
Instrument :
MSVOA_N
ClientSampleId :

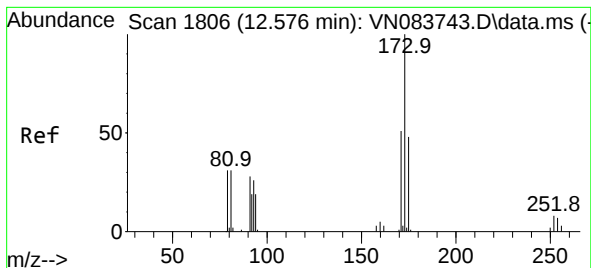
Tgt Ion:106 Resp: 161962
Ion Ratio Lower Upper
106 100
91 223.7 112.9 338.6



#70
Styrene
Concen: 54.879 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion:104 Resp: 278442
Ion Ratio Lower Upper
104 100
78 54.3 43.3 64.9
103 54.8 43.4 65.2





#71

Bromoform

Concen: 59.088 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

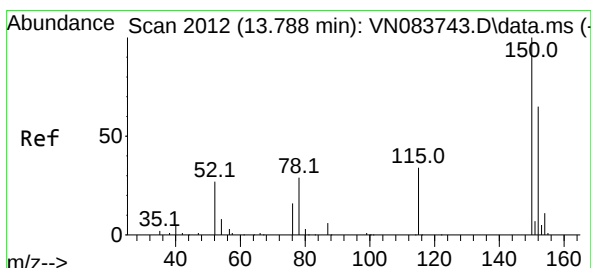
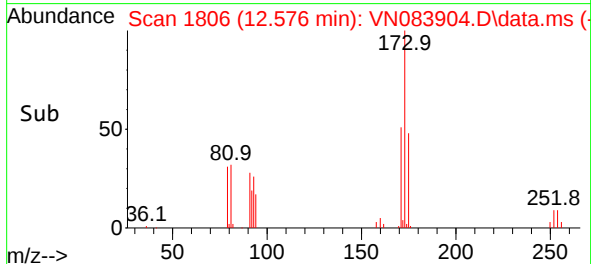
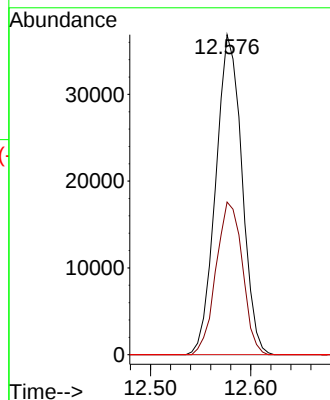
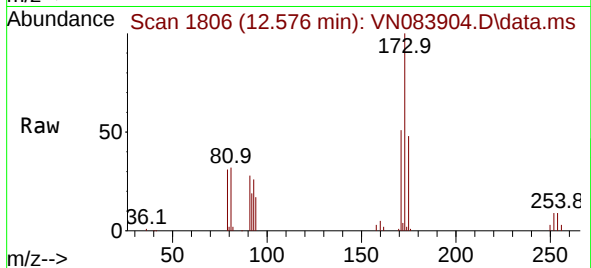
Tgt Ion:173 Resp: 66839

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.2

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: VN083904.D

Acq: 14 Sep 2024 20:44

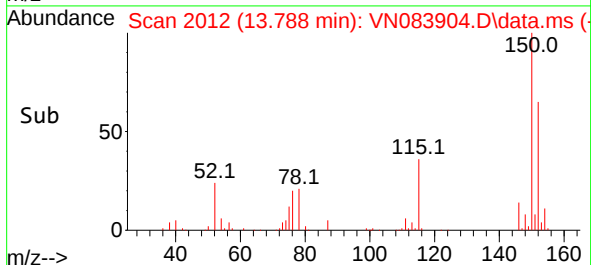
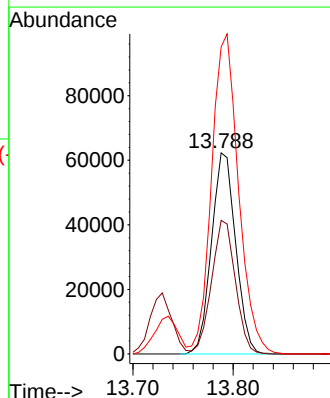
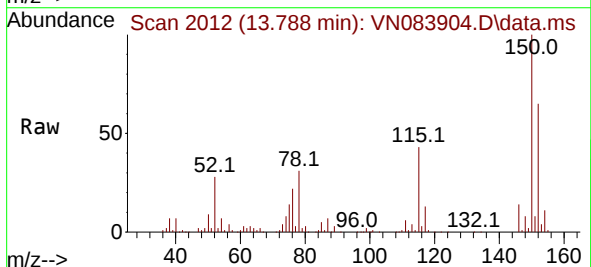
Tgt Ion:152 Resp: 104458

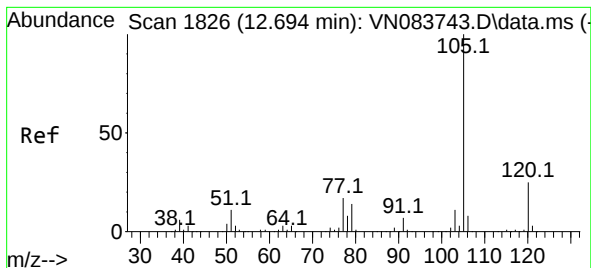
Ion Ratio Lower Upper

152 100

115 65.3 32.2 96.6

150 177.0 0.0 348.6





#73

Isopropylbenzene

Concen: 52.400 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

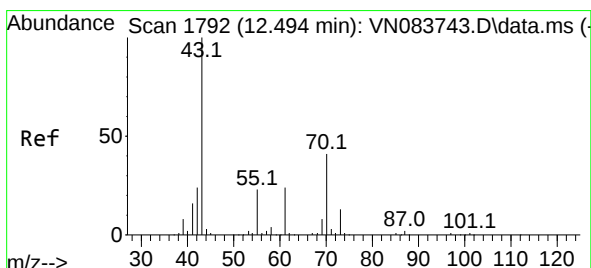
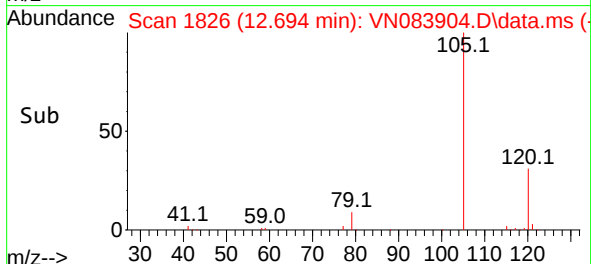
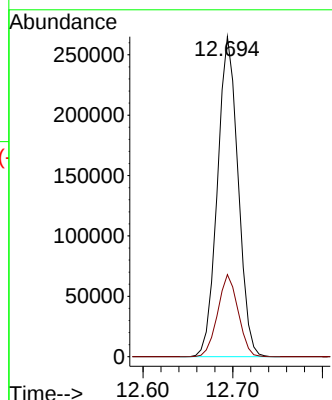
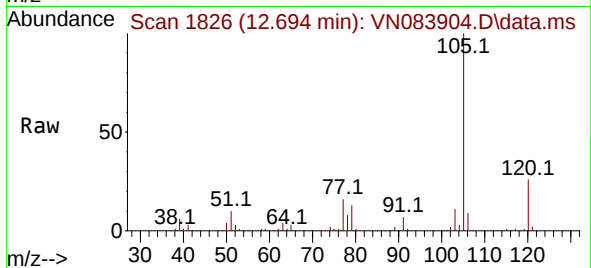
ClientSampleId :

Tgt Ion:105 Resp: 423473

Ion Ratio Lower Upper

105 100

120 25.3 12.6 37.8



#74

N-ethyl acetate

Concen: 57.071 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Tgt Ion: 43 Resp: 196781

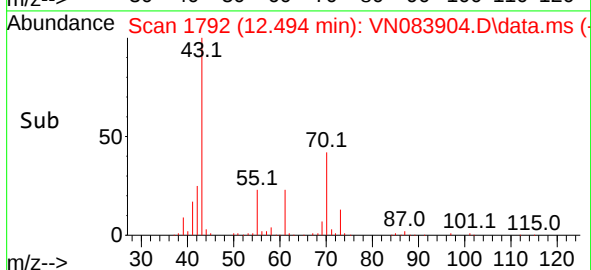
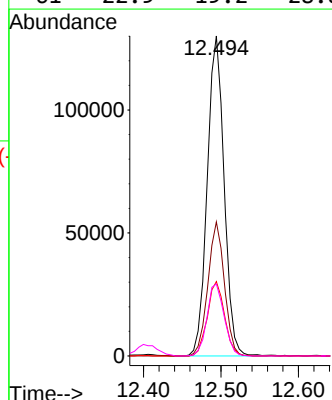
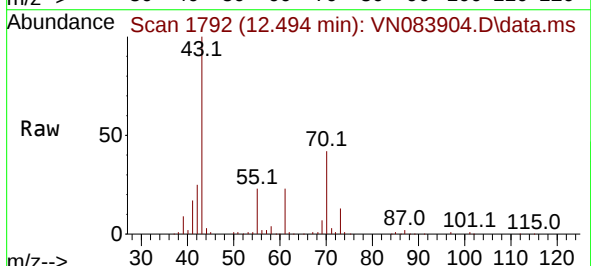
Ion Ratio Lower Upper

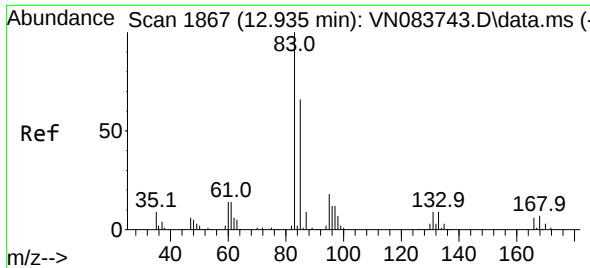
43 100

70 40.9 34.5 51.7

55 23.7 18.6 28.0

61 22.9 19.2 28.8

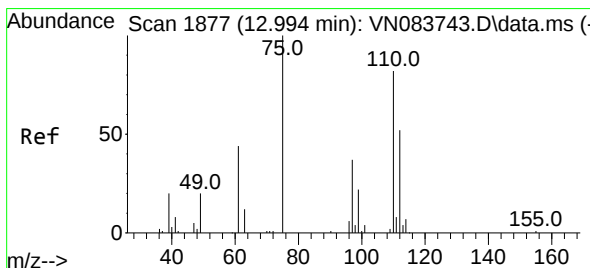
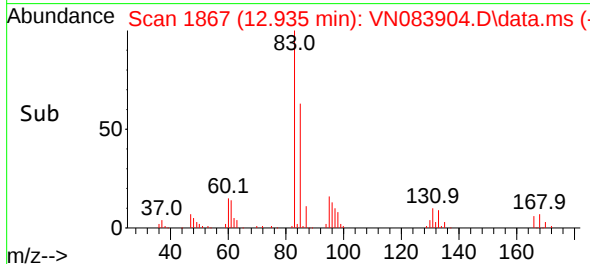
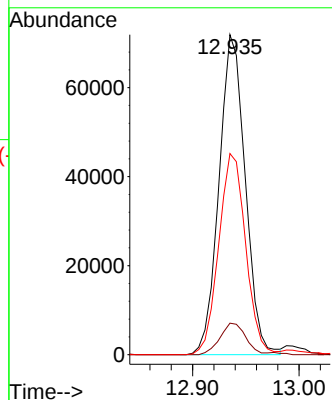
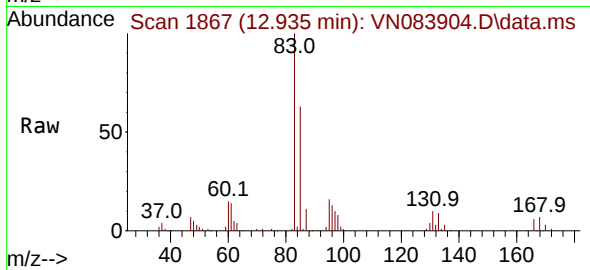




#75
1,1,2,2-Tetrachloroethane
Concen: 51.717 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

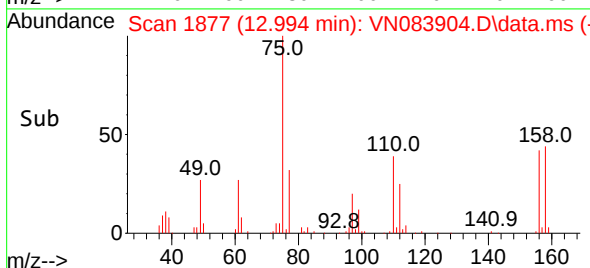
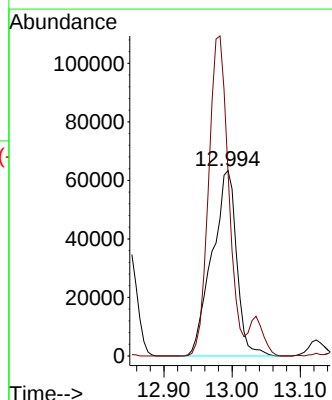
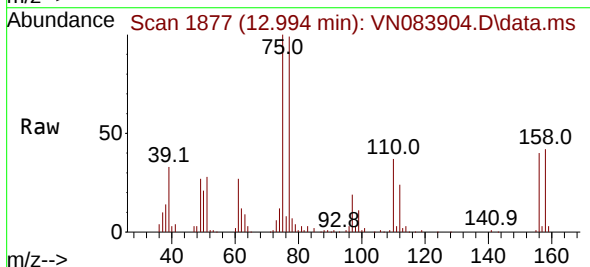
Instrument :
MSVOA_N
ClientSampleId :

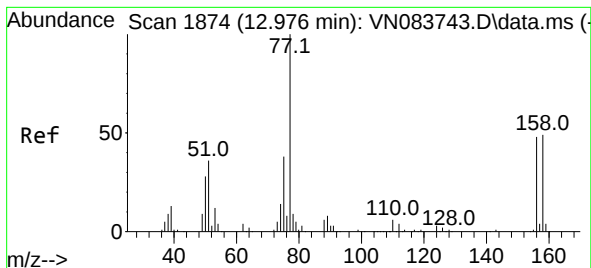
Tgt Ion: 83 Resp: 122803
Ion Ratio Lower Upper
83 100
131 10.0 5.2 15.6
85 64.7 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 75.479 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion: 75 Resp: 159091
Ion Ratio Lower Upper
75 100
77 139.6 95.2 285.6





#77

Bromobenzene

Concen: 49.903 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

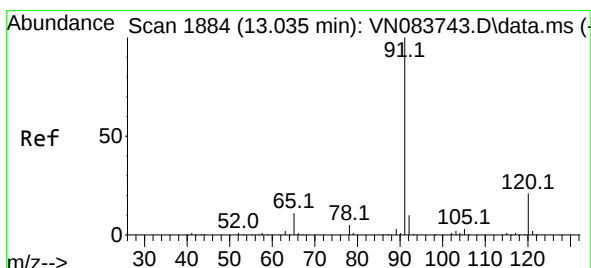
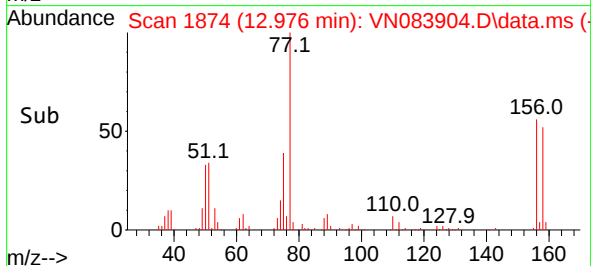
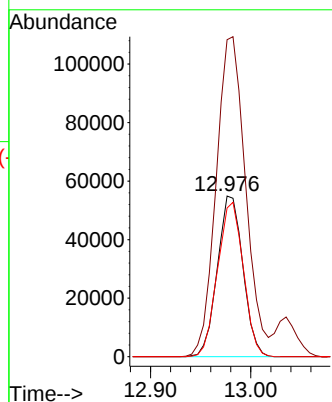
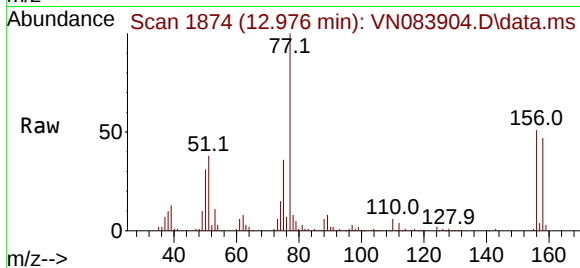
Tgt Ion:156 Resp: 97077

Ion Ratio Lower Upper

156 100

77 228.8 114.3 343.1

158 96.7 48.9 146.7



#78

n-propylbenzene

Concen: 52.793 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN083904.D

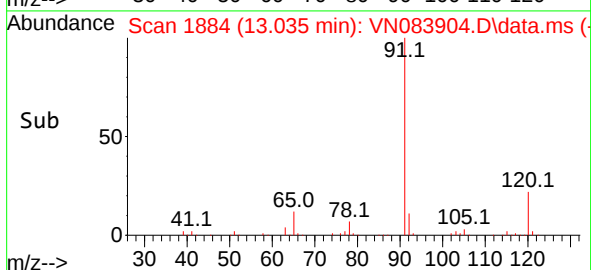
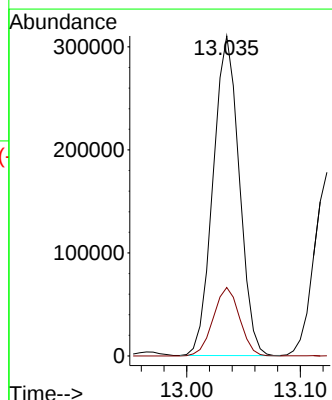
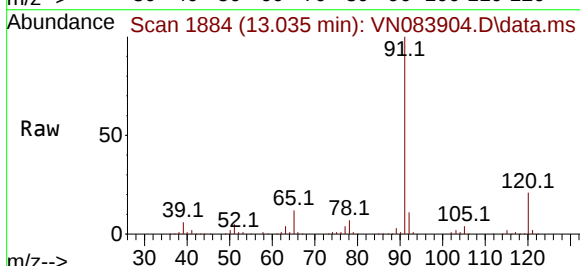
Acq: 14 Sep 2024 20:44

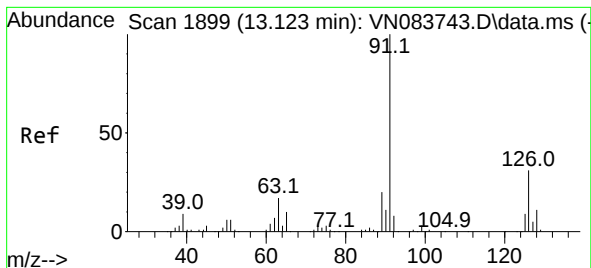
Tgt Ion: 91 Resp: 496410

Ion Ratio Lower Upper

91 100

120 21.6 11.0 33.0





#79

2-Chlorotoluene

Concen: 51.147 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

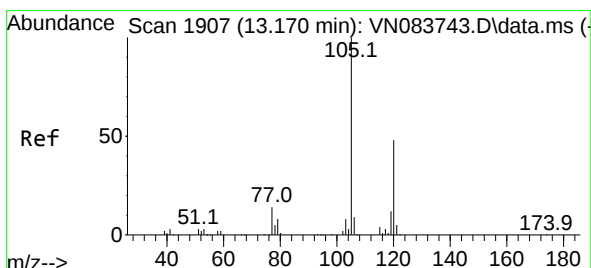
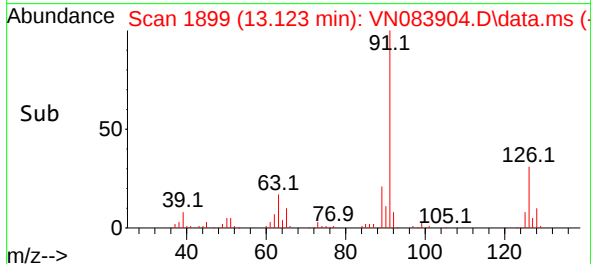
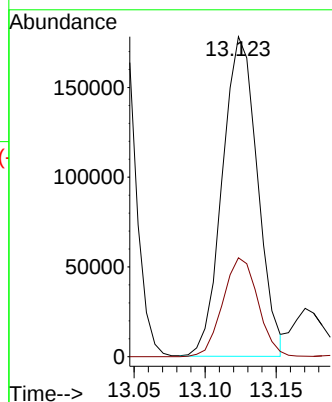
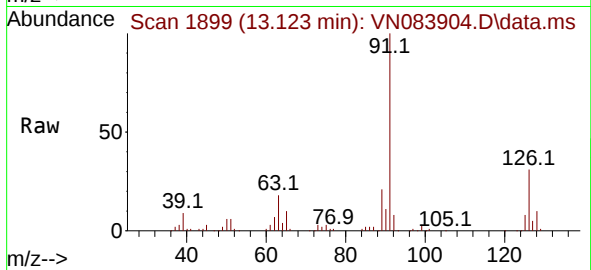
ClientSampleId :

Tgt Ion: 91 Resp: 306714

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.2



#80

1,3,5-Trimethylbenzene

Concen: 52.159 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN083904.D

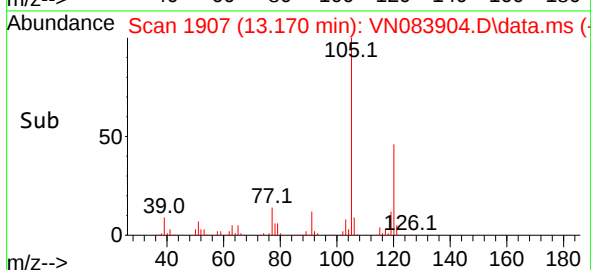
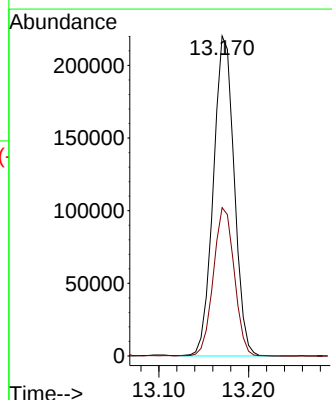
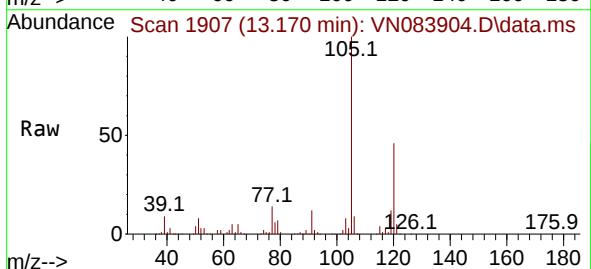
Acq: 14 Sep 2024 20:44

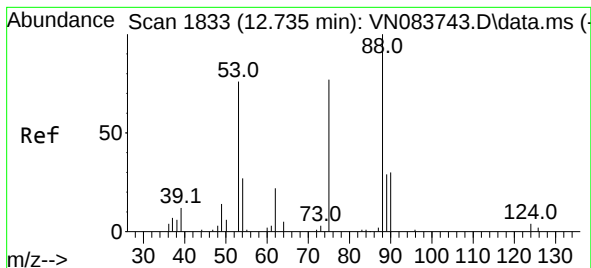
Tgt Ion:105 Resp: 355383

Ion Ratio Lower Upper

105 100

120 46.5 23.4 70.3

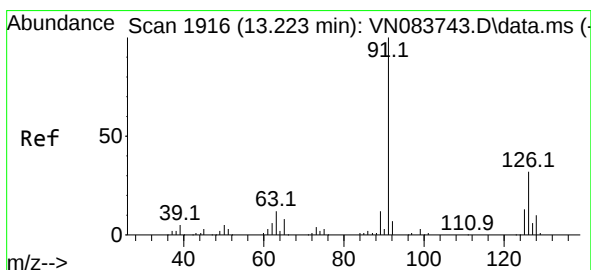
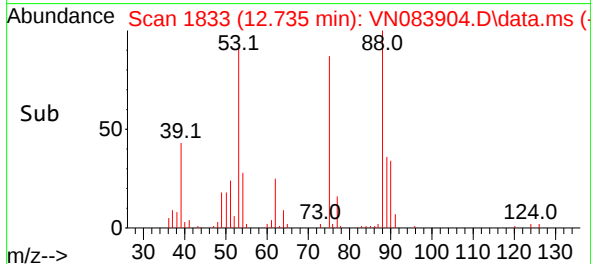
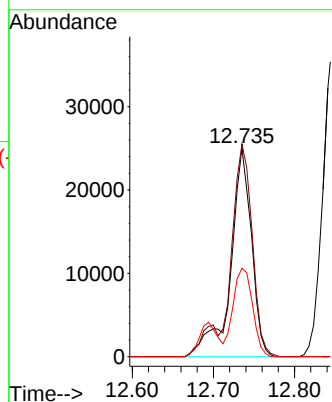
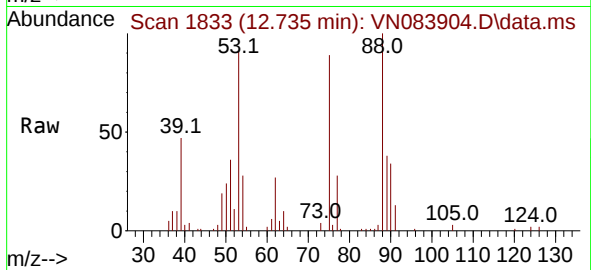




#81
trans-1,4-Dichloro-2-butene
Concen: 55.546 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

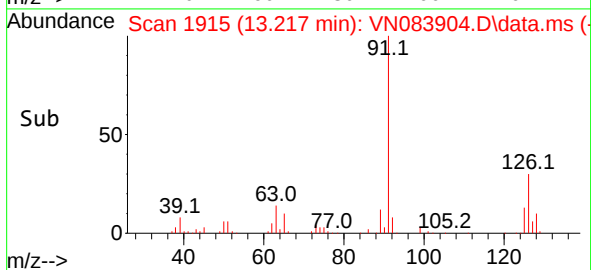
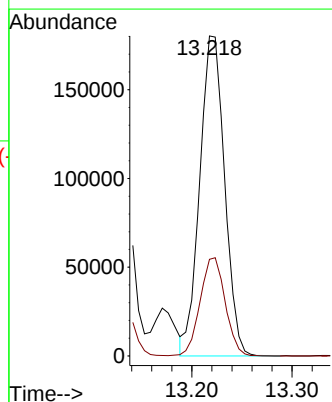
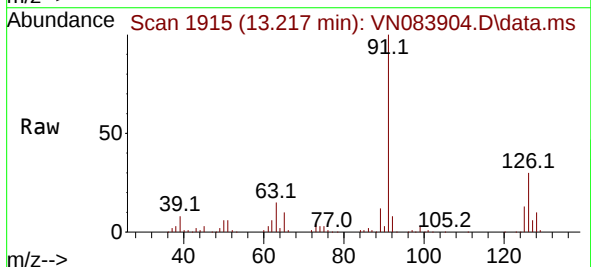
Instrument :
MSVOA_N
ClientSampleId :

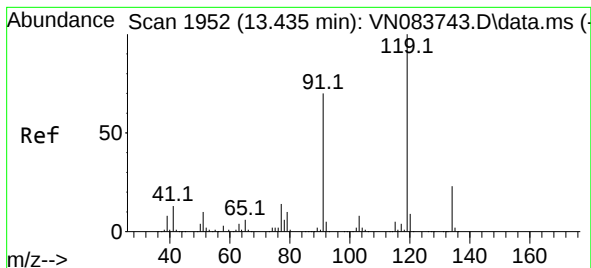
Tgt Ion: 75 Resp: 44702
Ion Ratio Lower Upper
75 100
53 95.8 81.2 121.8
89 39.6 35.7 53.5



#82
4-Chlorotoluene
Concen: 51.728 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion: 91 Resp: 311287
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.2





#83

tert-Butylbenzene

Concen: 51.533 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

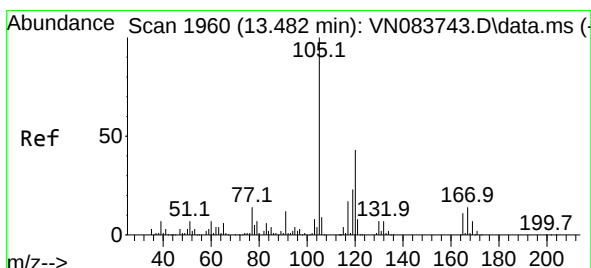
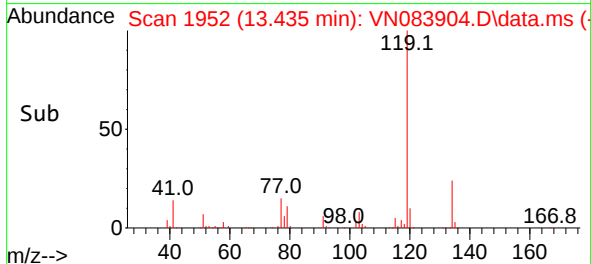
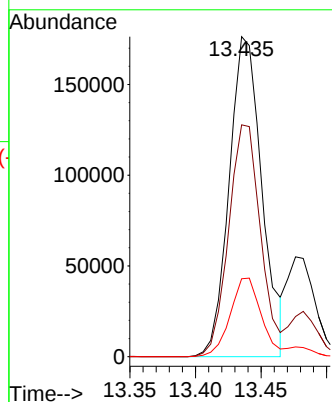
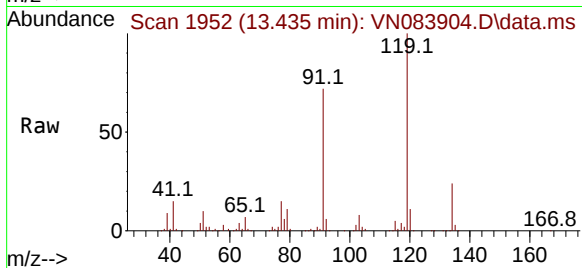
Tgt Ion:119 Resp: 307190

Ion Ratio Lower Upper

119 100

91 70.6 34.5 103.6

134 23.7 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 53.181 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083904.D

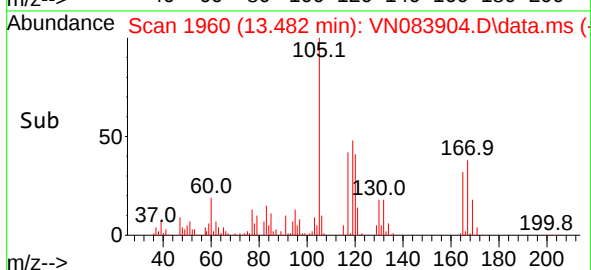
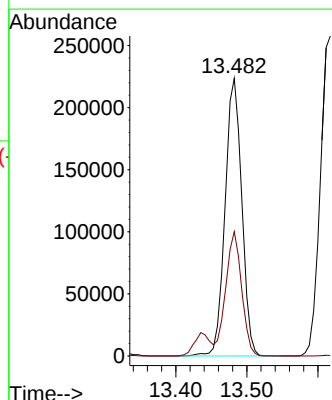
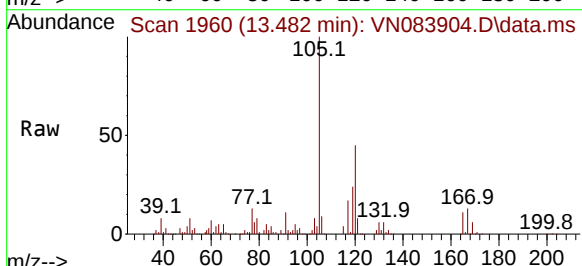
Acq: 14 Sep 2024 20:44

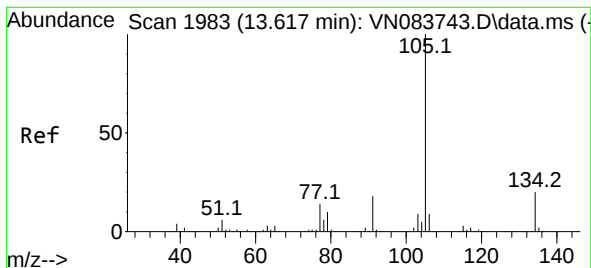
Tgt Ion:105 Resp: 363982

Ion Ratio Lower Upper

105 100

120 42.8 21.8 65.4





#85

sec-Butylbenzene

Concen: 53.221 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min MSVOA_N

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

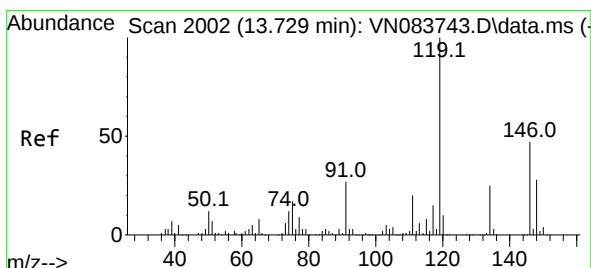
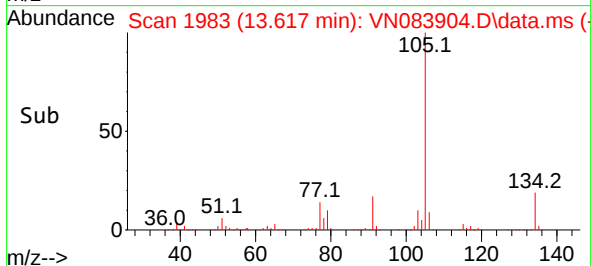
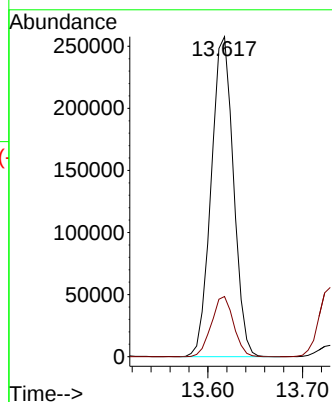
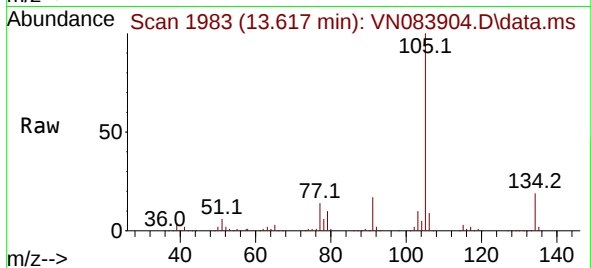
ClientSampleId :

Tgt Ion:105 Resp: 420749

Ion Ratio Lower Upper

105 100

134 18.7 9.7 29.1



#86

p-Isopropyltoluene

Concen: 53.549 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

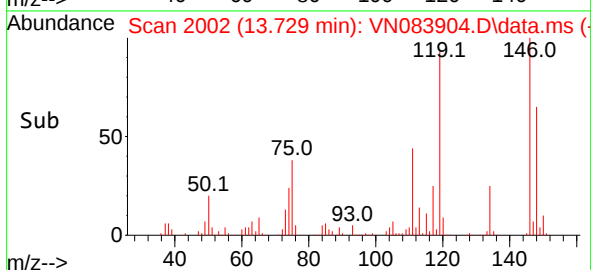
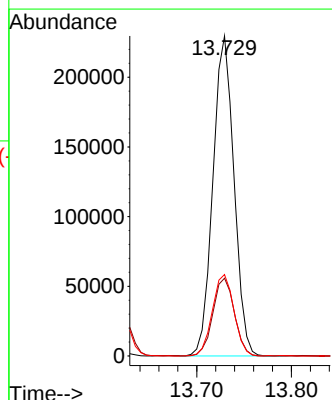
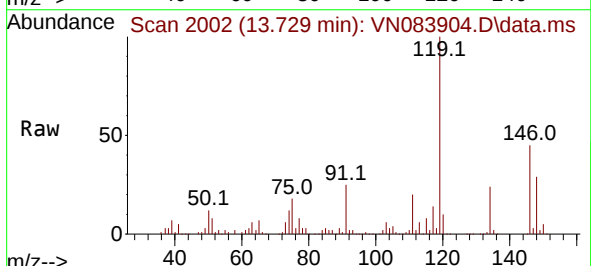
Tgt Ion:119 Resp: 354876

Ion Ratio Lower Upper

119 100

134 24.8 12.8 38.3

91 26.0 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 49.420 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

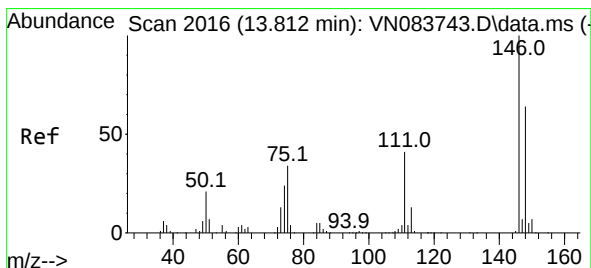
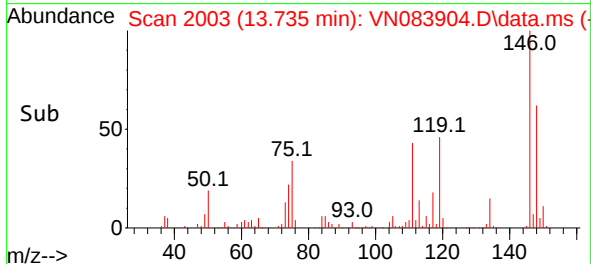
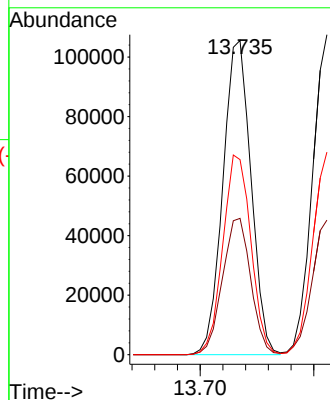
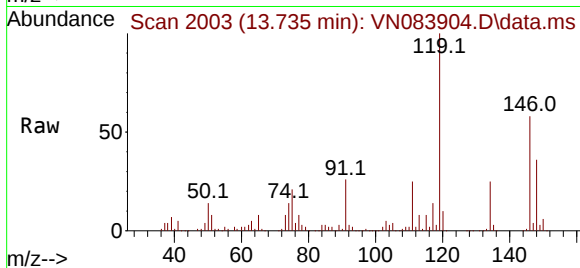
Tgt Ion:146 Resp: 181436

Ion Ratio Lower Upper

146 100

111 43.7 21.7 65.1

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.150 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

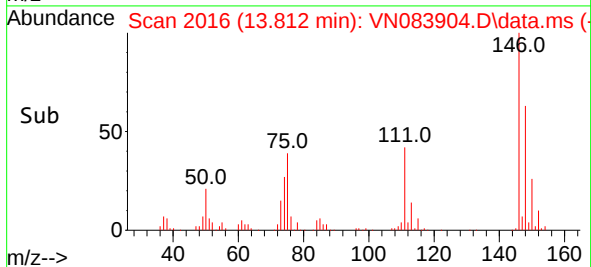
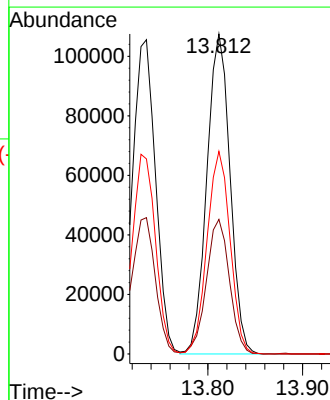
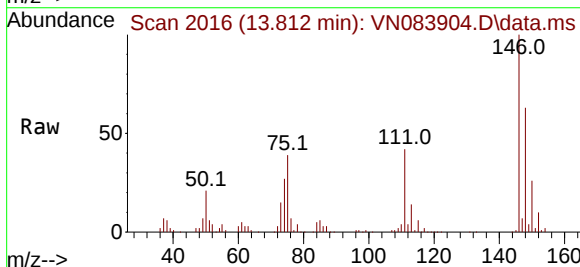
Tgt Ion:146 Resp: 182713

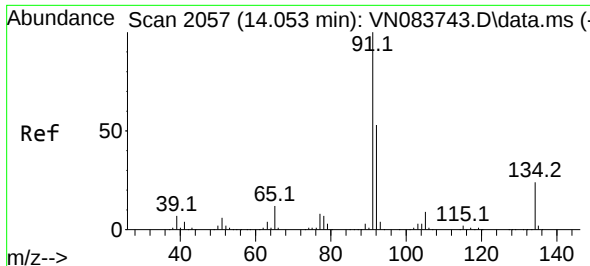
Ion Ratio Lower Upper

146 100

111 41.9 21.3 64.0

148 63.0 32.0 96.2

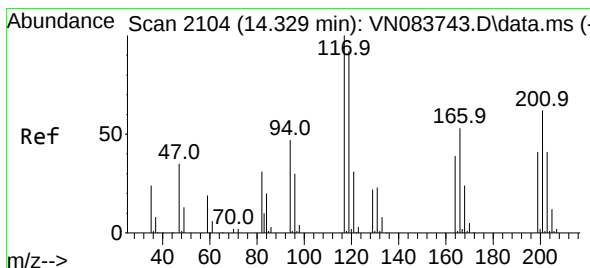
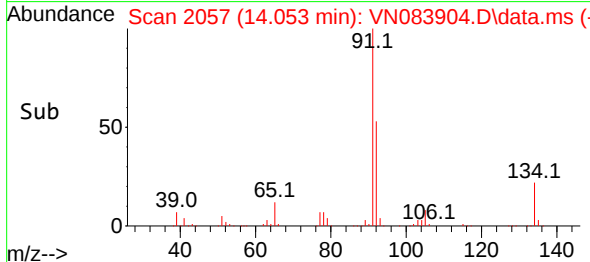
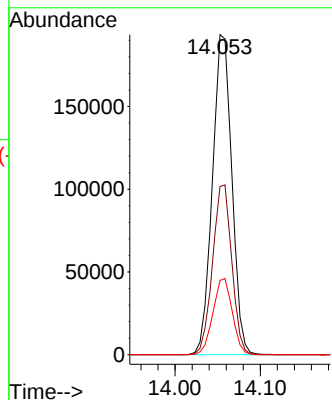
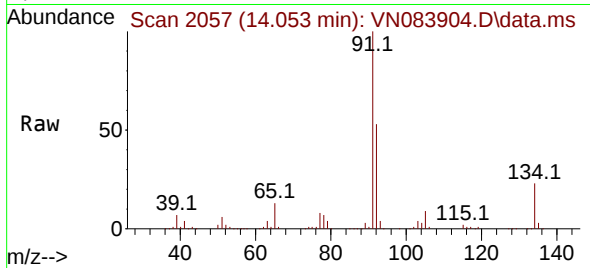




#89
n-Butylbenzene
Concen: 51.539 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

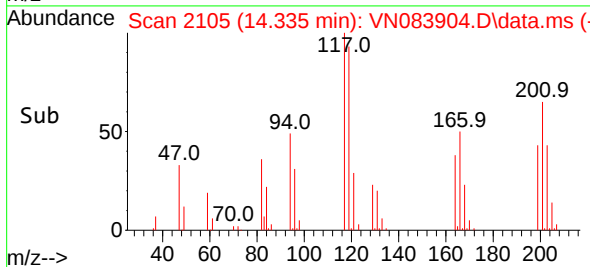
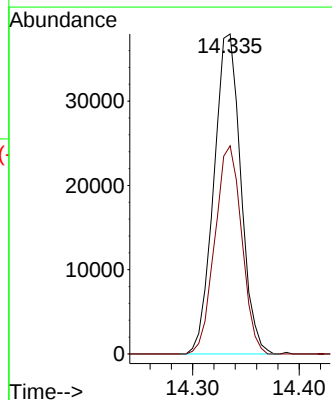
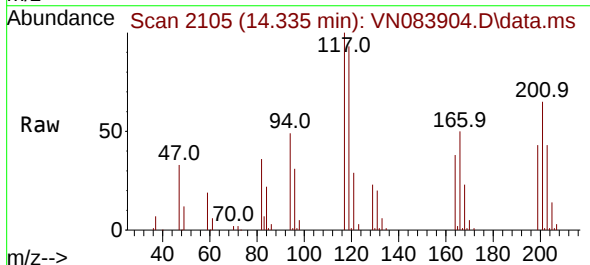
Instrument :
MSVOA_N
ClientSampleId :

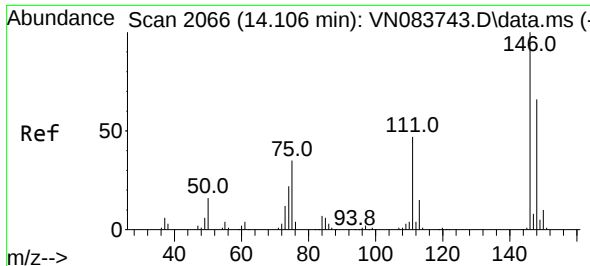
Tgt Ion: 91 Resp: 306664
Ion Ratio Lower Upper
91 100
92 52.3 26.7 80.1
134 23.6 12.2 36.4



#90
Hexachloroethane
Concen: 50.022 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083904.D
Acq: 14 Sep 2024 20:44

Tgt Ion: 117 Resp: 66638
Ion Ratio Lower Upper
117 100
201 64.8 32.8 98.3





#91

1,2-Dichlorobenzene

Concen: 50.855 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

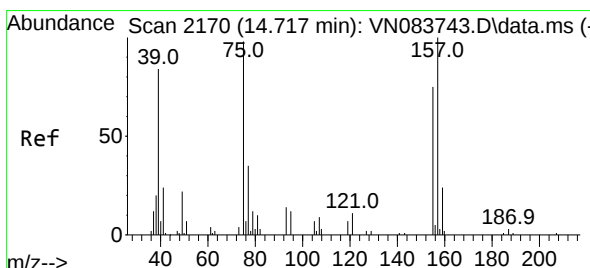
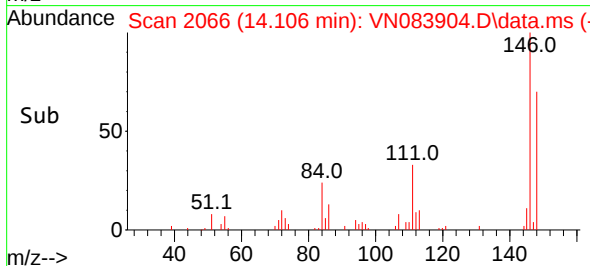
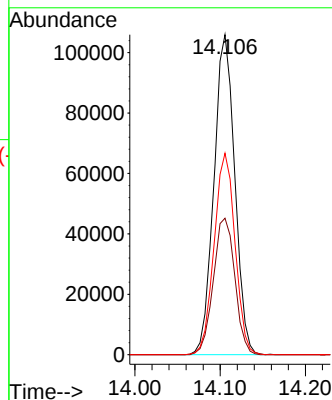
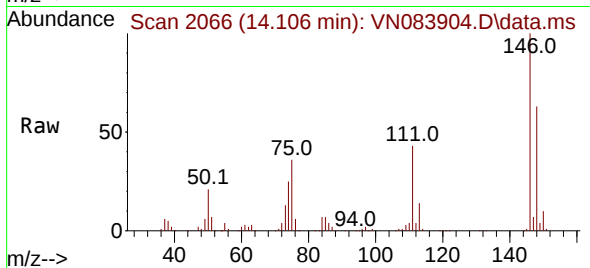
Tgt Ion:146 Resp: 180186

Ion Ratio Lower Upper

146 100

111 44.0 22.8 68.3

148 63.1 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.735 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

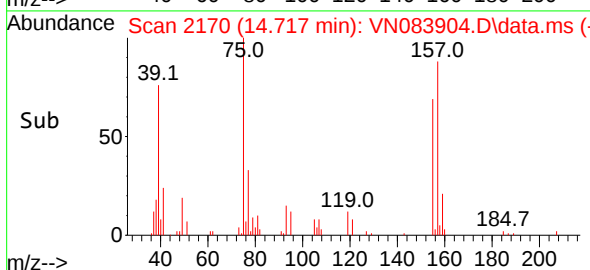
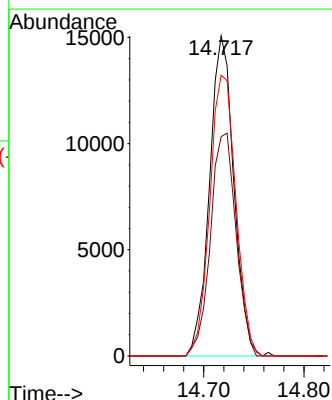
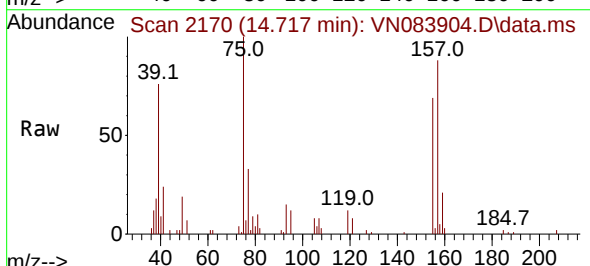
Tgt Ion: 75 Resp: 25435

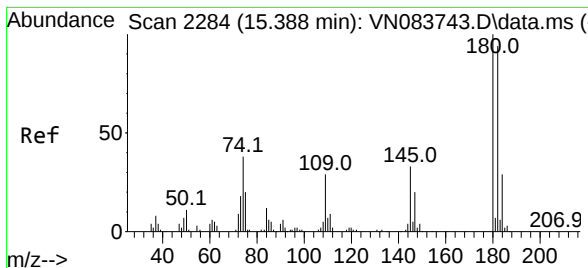
Ion Ratio Lower Upper

75 100

155 73.2 35.9 107.7

157 93.8 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 47.981 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

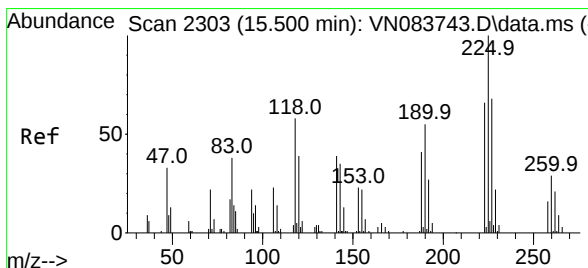
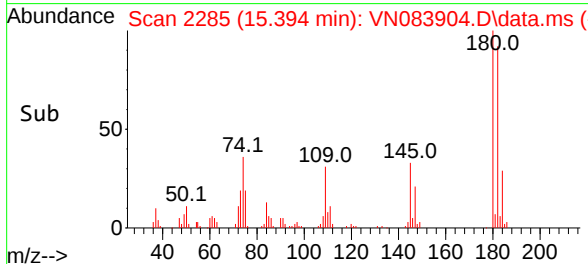
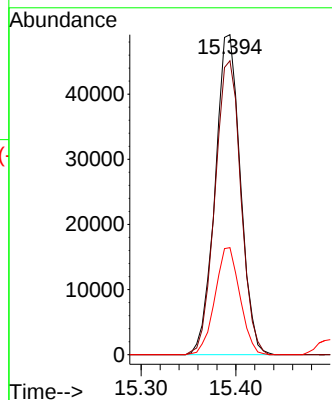
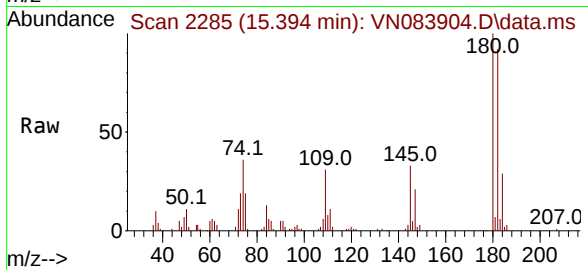
Tgt Ion:180 Resp: 91227

Ion Ratio Lower Upper

180 100

182 93.9 48.1 144.3

145 33.1 16.9 50.7



#94

Hexachlorobutadiene

Concen: 48.112 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

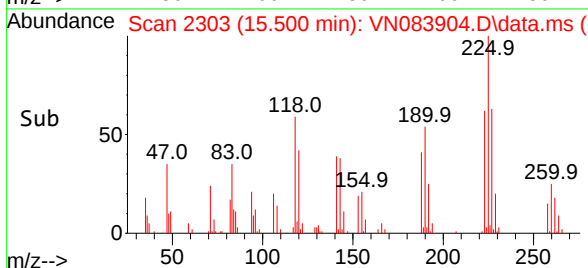
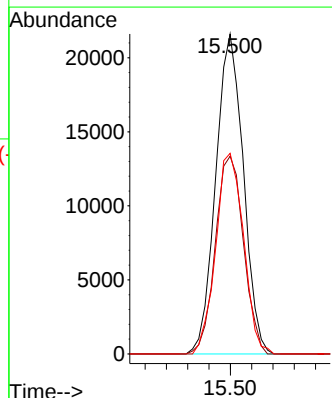
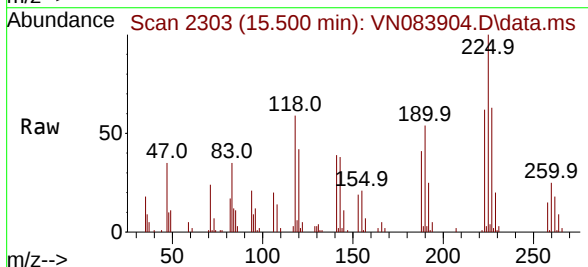
Tgt Ion:225 Resp: 38848

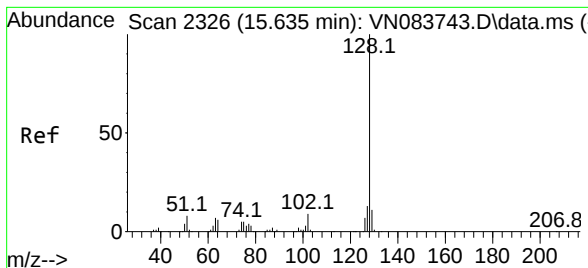
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.5

227 63.1 32.0 96.2





#95

Naphthalene

Concen: 52.930 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

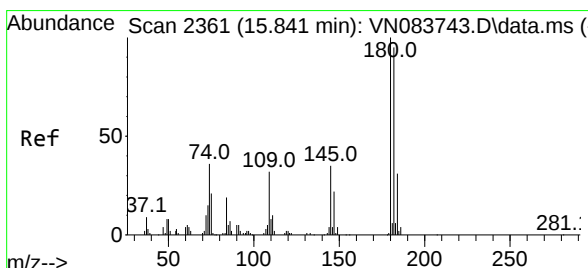
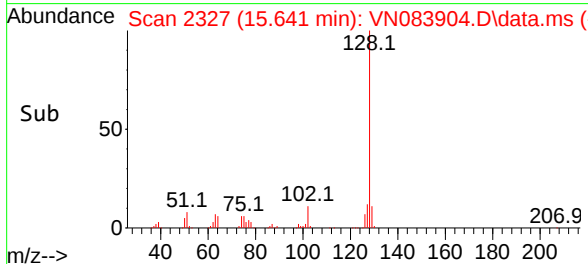
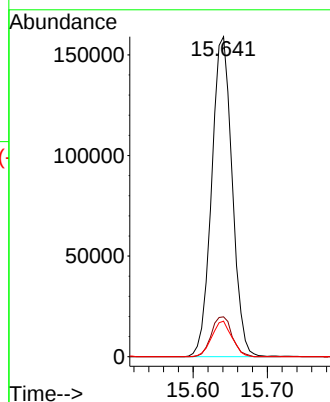
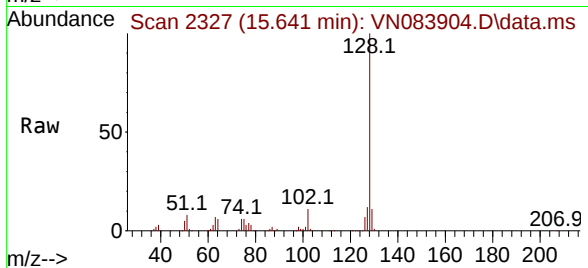
Tgt Ion:128 Resp: 306175

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.634 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN083904.D

Acq: 14 Sep 2024 20:44

Tgt Ion:180 Resp: 90191

Ion Ratio Lower Upper

180 100

182 92.9 47.1 141.4

145 35.7 17.8 53.5

