

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084035.D
 Acq On : 19 Sep 2024 15:39
 Operator : JC\MD
 Sample : VN0919WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBSD01

Quant Time: Sep 20 01:31:40 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	133964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	240706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99185	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107133	53.036	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.080%	
35) Dibromofluoromethane	8.165	113	75443	48.958	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.920%	
50) Toluene-d8	10.565	98	264199	49.594	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.180%	
62) 4-Bromofluorobenzene	12.847	95	102422	46.600	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	28960	18.614	ug/l	99
3) Chloromethane	2.359	50	30608	18.088	ug/l	98
4) Vinyl Chloride	2.512	62	30623	17.958	ug/l	99
5) Bromomethane	2.953	94	19821	20.244	ug/l	90
6) Chloroethane	3.118	64	21123	17.659	ug/l	95
7) Trichlorofluoromethane	3.495	101	55187	19.065	ug/l	95
8) Diethyl Ether	3.965	74	20840	21.478	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	28851	18.804	ug/l	95
10) Methyl Iodide	4.594	142	37041	18.983	ug/l #	94
11) Tert butyl alcohol	5.524	59	37737	139.511	ug/l	100
12) 1,1-Dichloroethene	4.342	96	27905	19.259	ug/l	94
13) Acrolein	4.189	56	20844	78.100	ug/l	90
14) Allyl chloride	5.030	41	54736	21.200	ug/l	98
15) Acrylonitrile	5.718	53	88146	119.826	ug/l	97
16) Acetone	4.430	43	86767	107.151	ug/l	98
17) Carbon Disulfide	4.712	76	67652	16.691	ug/l	97
18) Methyl Acetate	5.018	43	44849	25.680	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	116649	22.247	ug/l	98
20) Methylene Chloride	5.277	84	33193	20.031	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	29138	18.764	ug/l	96
22) Diisopropyl ether	6.671	45	116933	22.001	ug/l	97
23) Vinyl Acetate	6.600	43	445157	114.374	ug/l	98
24) 1,1-Dichloroethane	6.571	63	62796	20.508	ug/l	99
25) 2-Butanone	7.483	43	126779	119.119	ug/l	99
26) 2,2-Dichloropropane	7.483	77	52494	18.616	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	37063	20.106	ug/l	96
28) Bromochloromethane	7.812	49	28243	21.903	ug/l	94
29) Tetrahydrofuran	7.841	42	81034	128.765	ug/l	96
30) Chloroform	7.965	83	67747	20.841	ug/l	98
31) Cyclohexane	8.259	56	50337	17.242	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	60435	20.219	ug/l	100
36) 1,1-Dichloropropene	8.371	75	42595	18.365	ug/l	99
37) Ethyl Acetate	7.565	43	52186	24.788	ug/l	98
38) Carbon Tetrachloride	8.359	117	50483	19.185	ug/l	95
39) Methylcyclohexane	9.606	83	45796	17.347	ug/l	97
40) Benzene	8.606	78	135775	19.449	ug/l	99

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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	7.777	41	28823	23.147	ug/l	98
42) 1,2-Dichloroethane	8.671	62	54538	20.907	ug/l	100
43) Isopropyl Acetate	8.688	43	97168	25.469	ug/l	96
44) Trichloroethene	9.347	130	32030	19.813	ug/l	97
45) 1,2-Dichloropropane	9.618	63	34335	20.349	ug/l	98
46) Dibromomethane	9.712	93	25312	21.418	ug/l	97
47) Bromodichloromethane	9.888	83	54832	21.438	ug/l	94
48) Methyl methacrylate	9.682	41	41085	22.698	ug/l	96
49) 1,4-Dioxane	9.694	88	14878	499.661	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	263438	126.851	ug/l	97
52) Toluene	10.629	92	82720	19.372	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	53033	20.456	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	56287	20.669	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	33432	20.972	ug/l	96
56) Ethyl methacrylate	10.876	69	56374	22.985	ug/l	94
57) 1,3-Dichloropropane	11.165	76	59186	21.602	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	103401	117.002	ug/l	97
59) 2-Hexanone	11.194	43	194661	126.714	ug/l	98
60) Dibromochloromethane	11.359	129	39341	22.051	ug/l	99
61) 1,2-Dibromoethane	11.470	107	33934	21.344	ug/l	100
64) Tetrachloroethene	11.106	164	25690	18.232	ug/l	98
65) Chlorobenzene	11.894	112	92181	19.574	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	33347	20.426	ug/l	100
67) Ethyl Benzene	11.965	91	162327	19.404	ug/l	96
68) m/p-Xylenes	12.070	106	120151	38.685	ug/l	97
69) o-Xylene	12.400	106	59816	19.894	ug/l	96
70) Styrene	12.412	104	101308	20.531	ug/l	99
71) Bromoform	12.576	173	26063	23.691	ug/l #	95
73) Isopropylbenzene	12.694	105	151496	19.743	ug/l	99
74) N-amyl acetate	12.494	43	77573	23.694	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	50351	22.332	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	65180	32.568	ug/l	59
77) Bromobenzene	12.982	156	36684	19.860	ug/l	98
78) n-propylbenzene	13.035	91	182059	20.391	ug/l	99
79) 2-Chlorotoluene	13.123	91	113189	19.879	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	130771	20.213	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16590	21.710	ug/l	95
82) 4-Chlorotoluene	13.223	91	115706	20.249	ug/l	100
83) tert-Butylbenzene	13.441	119	110099	19.452	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	131139	20.179	ug/l	99
85) sec-Butylbenzene	13.617	105	154606	20.596	ug/l	98
86) p-Isopropyltoluene	13.729	119	126531	20.108	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	67960	19.495	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	67099	19.009	ug/l	99
89) n-Butylbenzene	14.059	91	109212	19.330	ug/l	99
90) Hexachloroethane	14.329	117	24331	19.235	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	65462	19.458	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11006	24.488	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	32587	18.050	ug/l	99
94) Hexachlorobutadiene	15.500	225	14065	18.345	ug/l	97
95) Naphthalene	15.641	128	111041	20.217	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	32931	19.086	ug/l	99

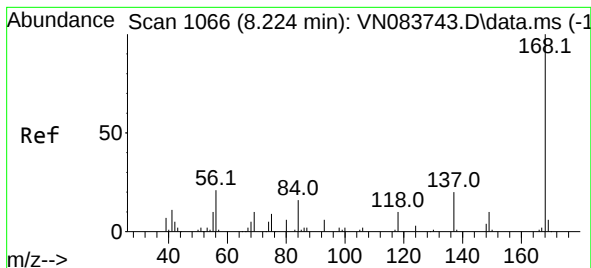
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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

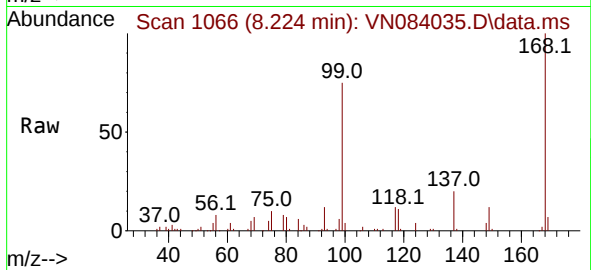
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

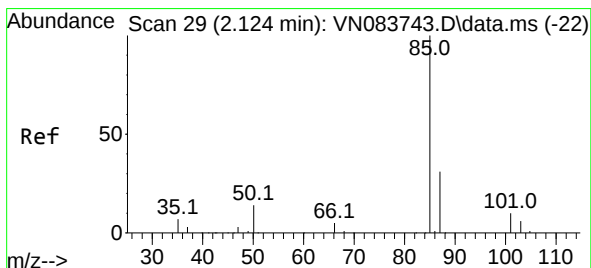
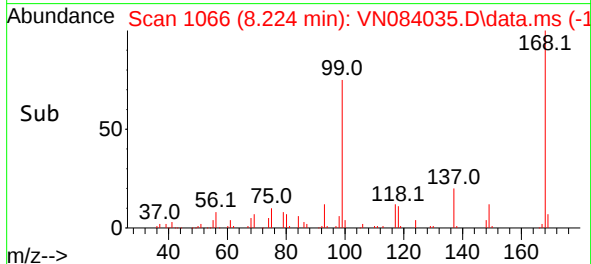
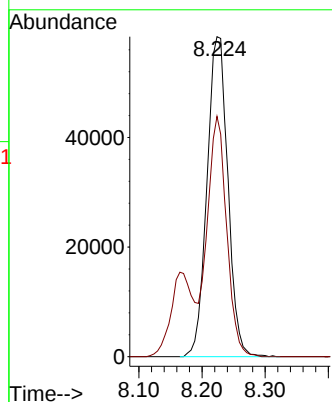


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

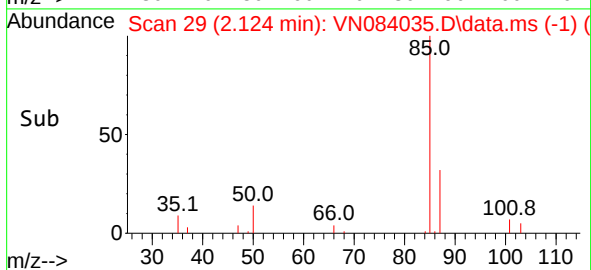
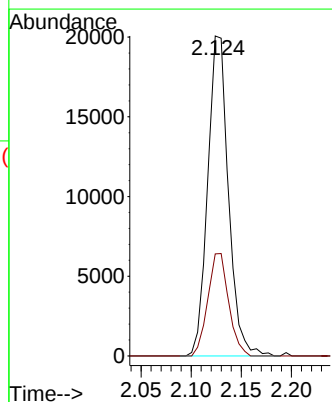
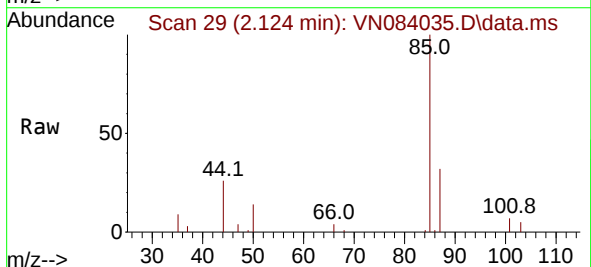


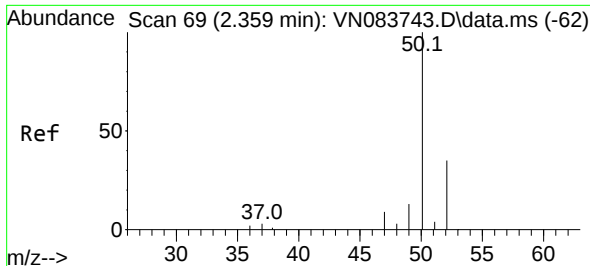
Tgt Ion:168 Resp: 133964
Ion Ratio Lower Upper
168 100
99 75.1 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 18.614 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 85 Resp: 28960
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.0

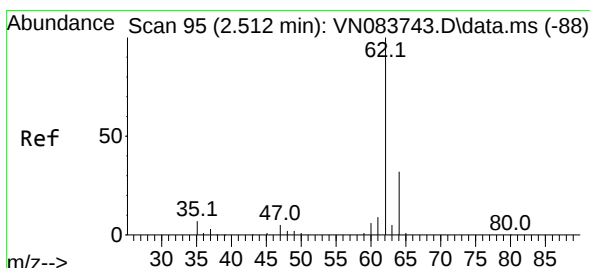
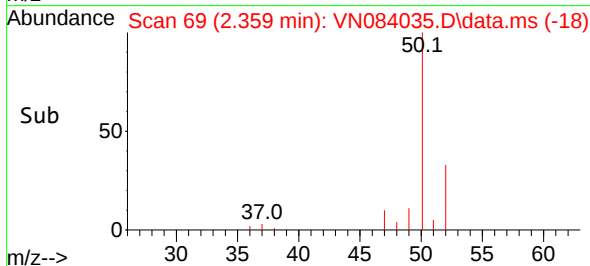
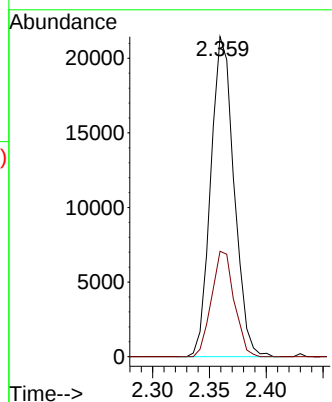
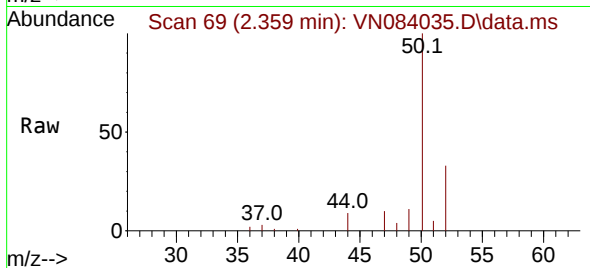




#3
Chloromethane
Concen: 18.088 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

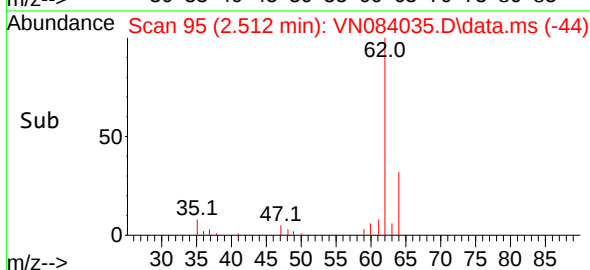
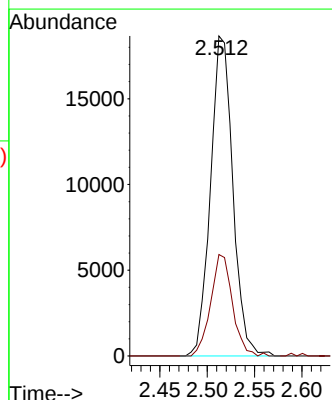
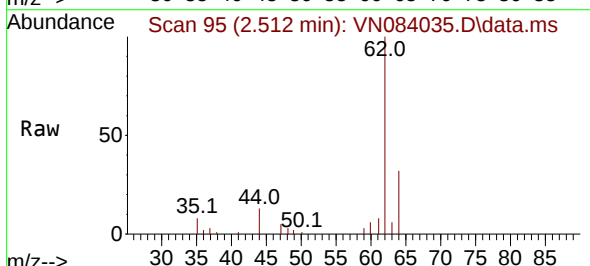
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

Tgt Ion: 50 Resp: 30608
Ion Ratio Lower Upper
50 100
52 33.0 27.2 40.8



#4
Vinyl Chloride
Concen: 17.958 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 62 Resp: 30623
Ion Ratio Lower Upper
62 100
64 31.7 24.7 37.1

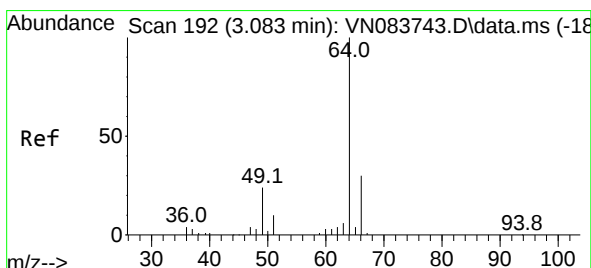
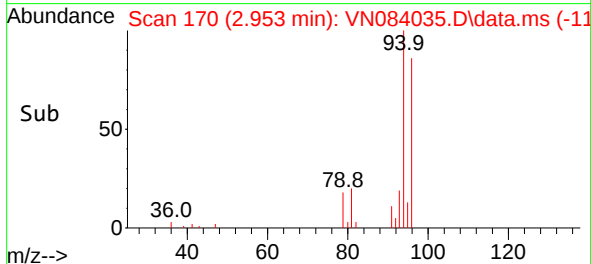
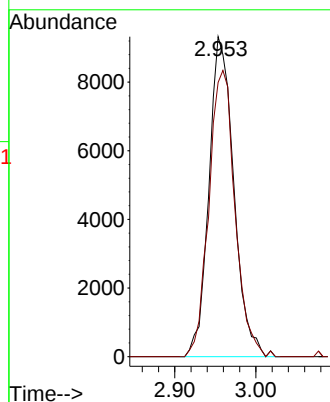
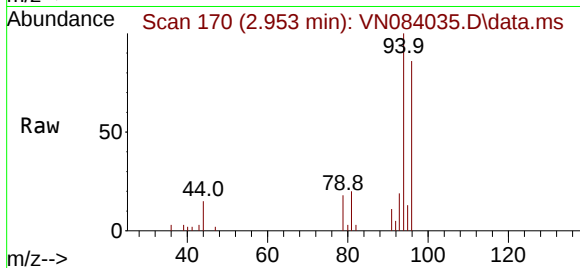




#5
Bromomethane
Concen: 20.244 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

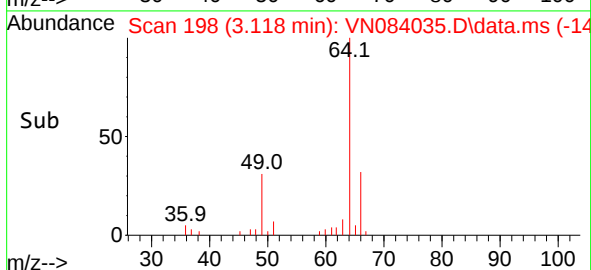
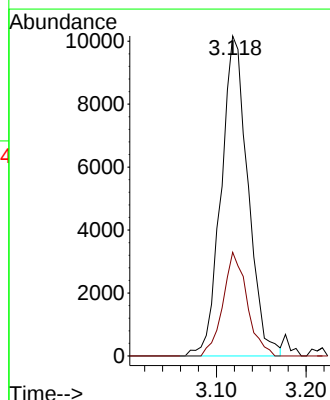
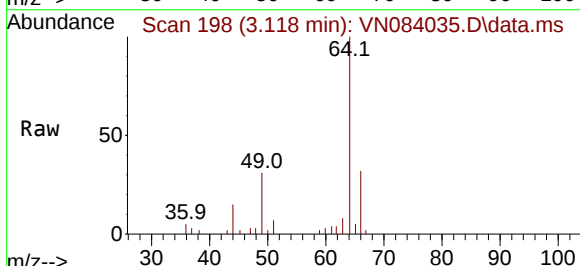
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

Tgt Ion: 94 Resp: 19821
Ion Ratio Lower Upper
94 100
96 85.7 76.0 114.0



#6
Chloroethane
Concen: 17.659 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.035 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 64 Resp: 21123
Ion Ratio Lower Upper
64 100
66 32.4 23.9 35.9

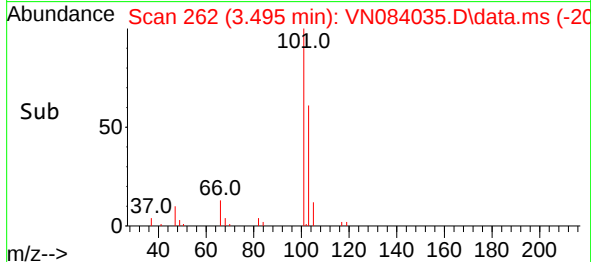
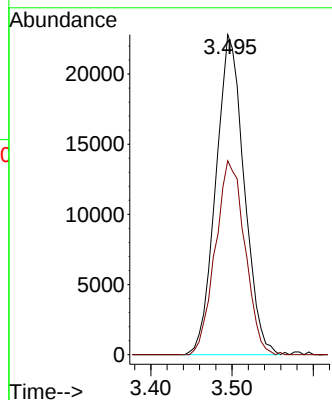
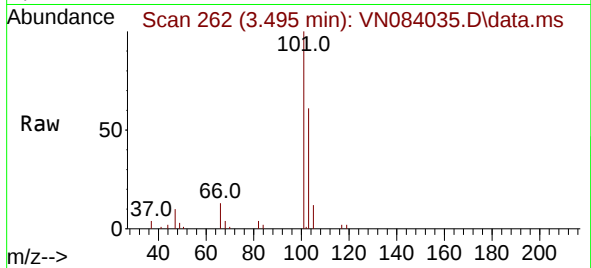




#7
 Trichlorofluoromethane
 Concen: 19.065 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.023 min
 Lab File: VN084035.D
 Acq: 19 Sep 2024 15:39

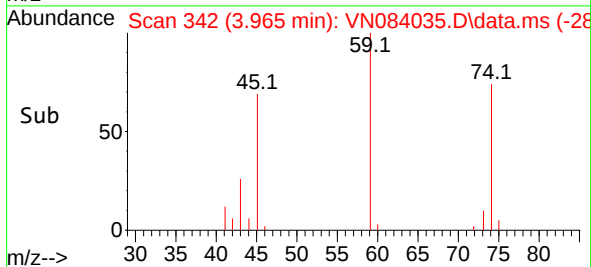
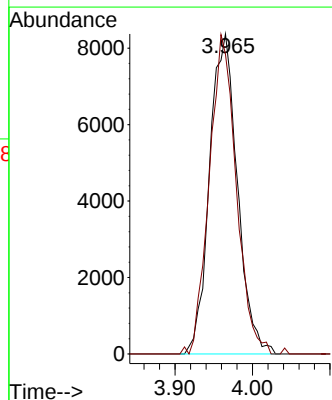
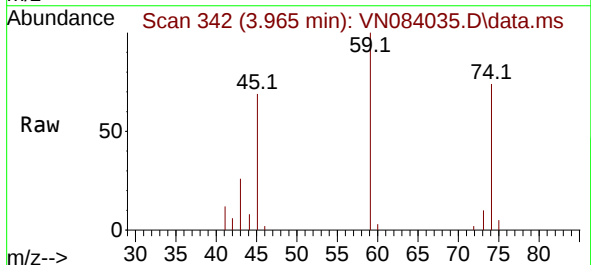
Instrument :
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 ClientSampleId :
 VN0919WBSD01

Tgt Ion:101 Resp: 55187
 Ion Ratio Lower Upper
 101 100
 103 60.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 21.478 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN084035.D
 Acq: 19 Sep 2024 15:39

Tgt Ion: 74 Resp: 20840
 Ion Ratio Lower Upper
 74 100
 45 97.0 46.7 140.1

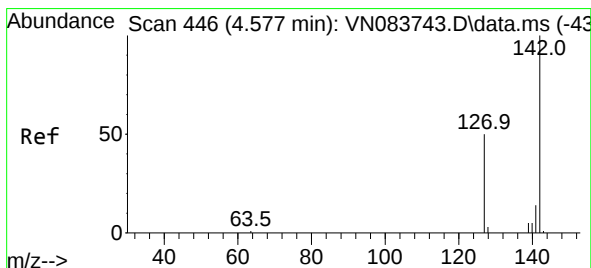
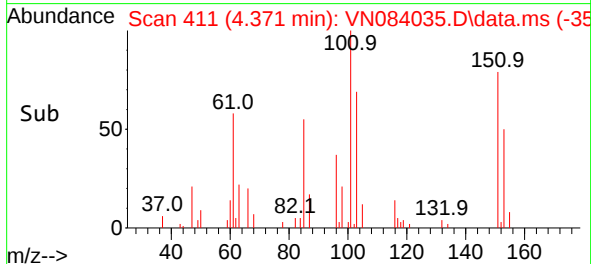
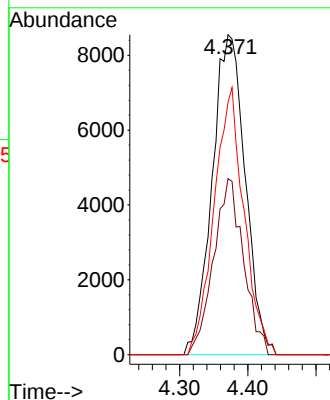
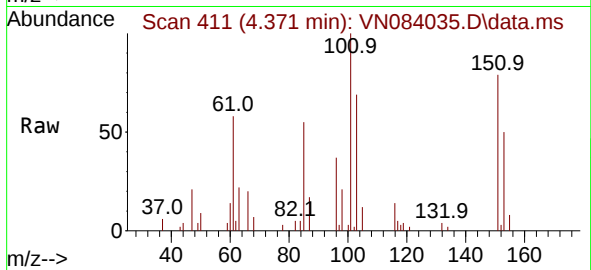




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.804 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

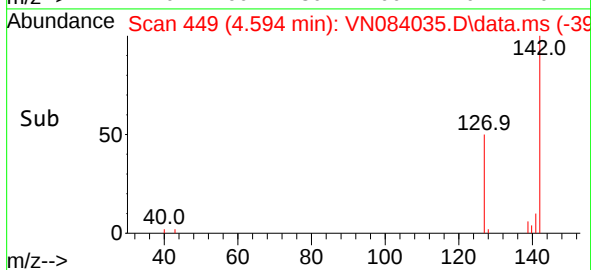
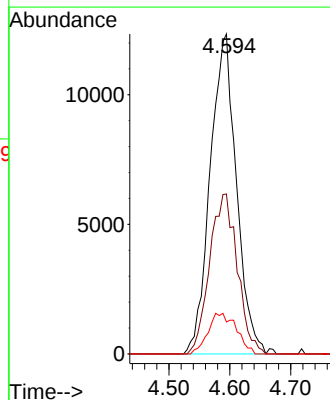
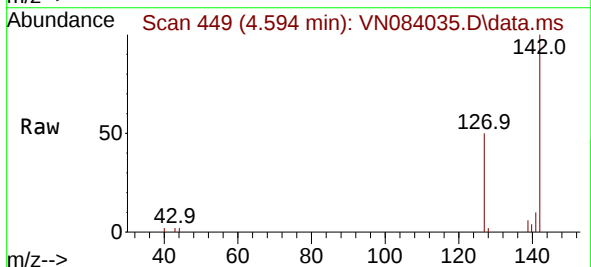
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Tgt Ion:101 Resp: 28851
Ion Ratio Lower Upper
101 100
85 50.0 36.2 54.4
151 75.5 57.7 86.5



#10
Methyl Iodide
Concen: 18.983 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.018 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion:142 Resp: 37041
Ion Ratio Lower Upper
142 100
127 50.0 37.5 56.3
141 10.0 11.0 16.4#

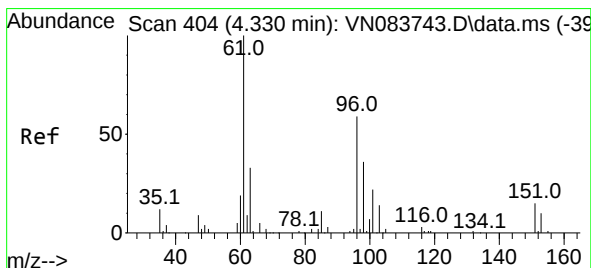
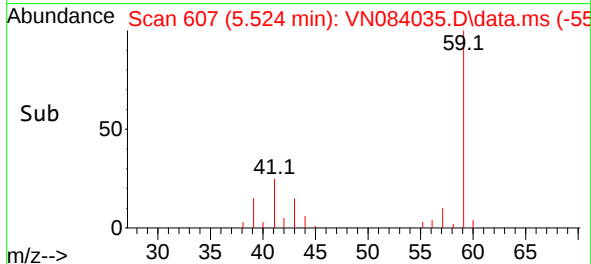
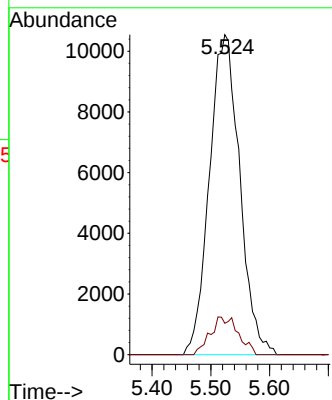
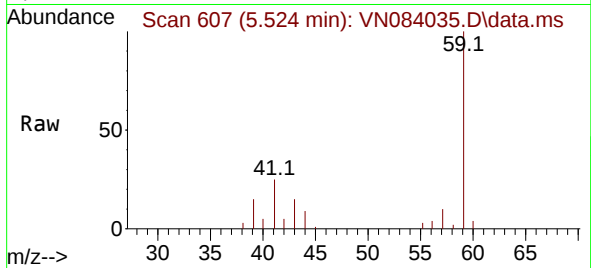




#11
Tert butyl alcohol
Concen: 139.511 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

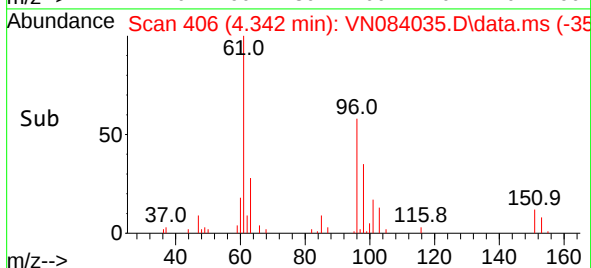
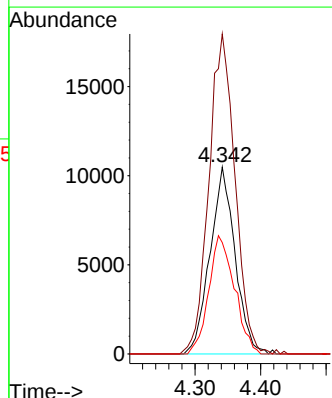
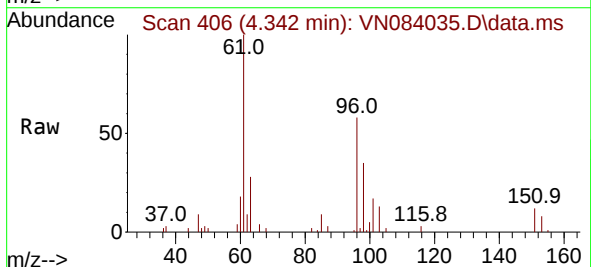
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

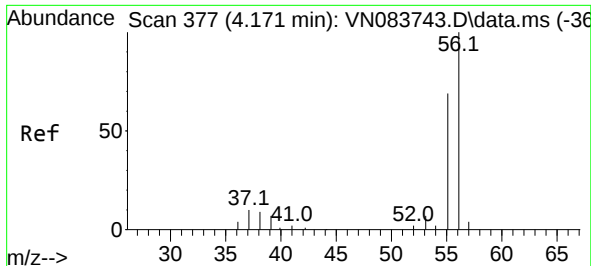
Tgt Ion: 59 Resp: 37737
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1



#12
1,1-Dichloroethene
Concen: 19.259 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 96 Resp: 27905
Ion Ratio Lower Upper
96 100
61 171.2 143.4 215.0
98 59.6 52.7 79.1





#13

Acrolein

Concen: 78.100 ug/l

RT: 4.189 min Scan# 3

Delta R.T. 0.018 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

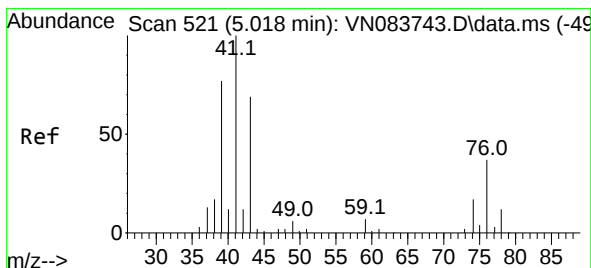
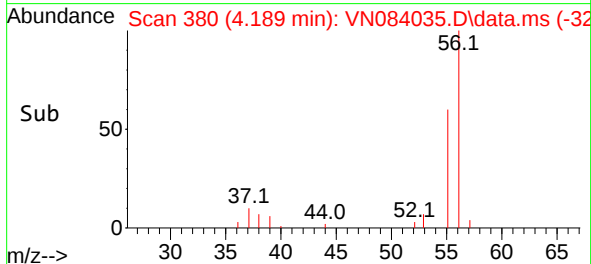
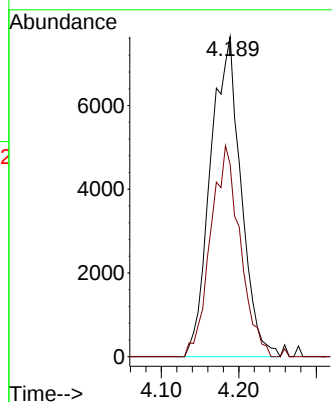
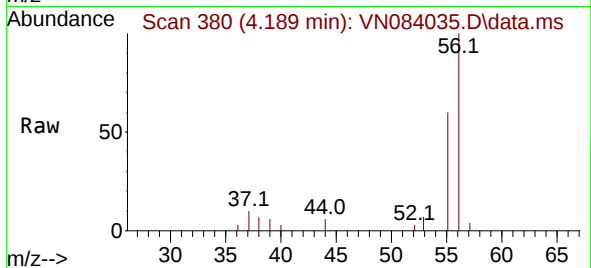
VN0919WBSD01

Tgt Ion: 56 Resp: 20844

Ion Ratio Lower Upper

56 100

55 64.0 58.2 87.2



#14

Allyl chloride

Concen: 21.200 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

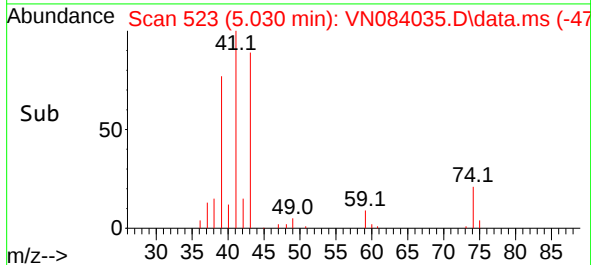
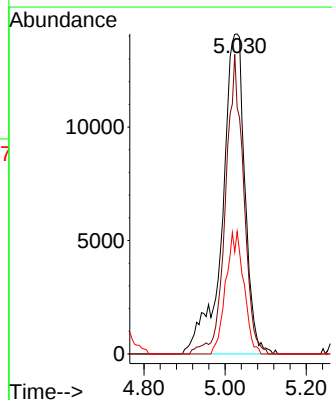
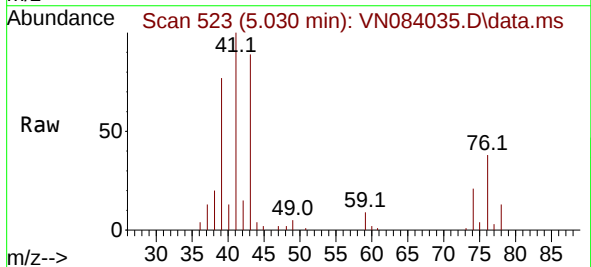
Tgt Ion: 41 Resp: 54736

Ion Ratio Lower Upper

41 100

39 74.3 59.3 88.9

76 30.5 27.7 41.5

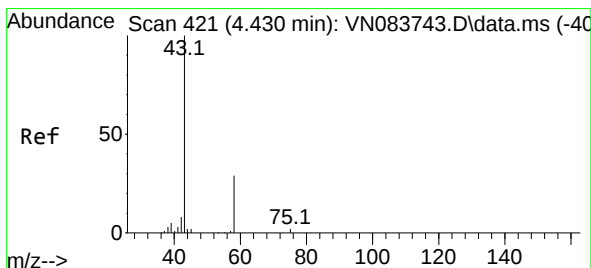
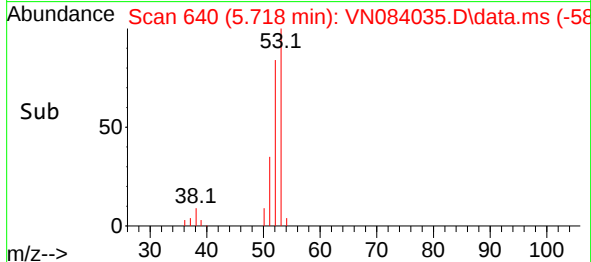
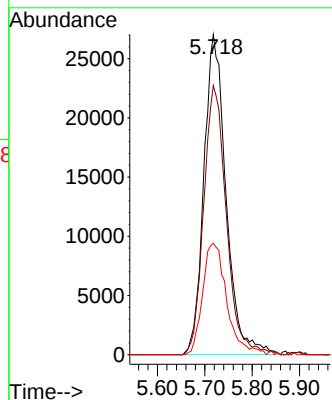
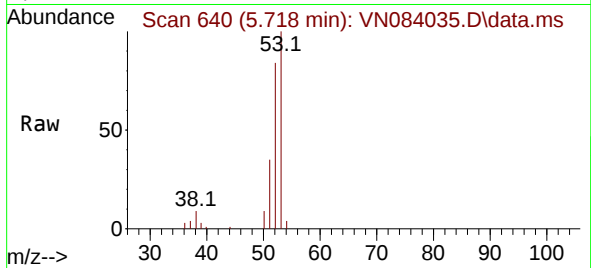




#15
Acrylonitrile
Concen: 119.826 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

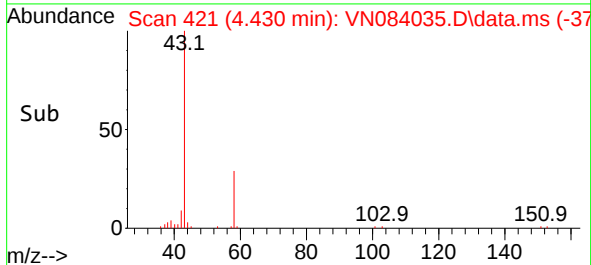
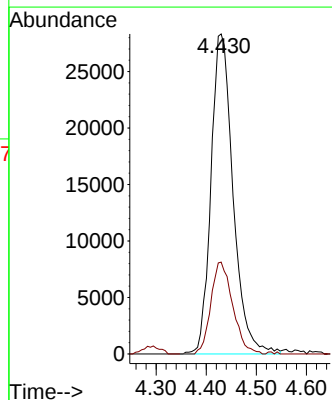
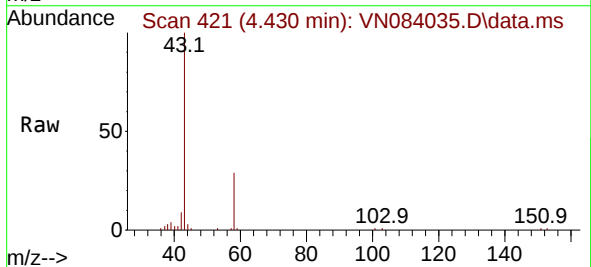
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

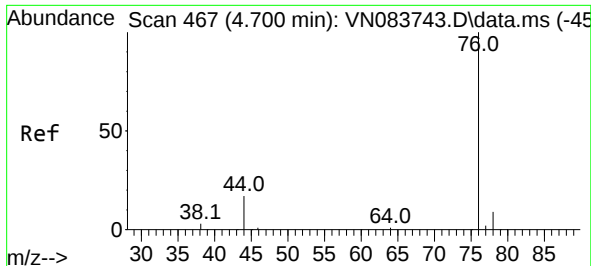
Tgt Ion:	53	Resp:	88146
Ion	Ratio	Lower	Upper
53	100		
52	85.9	66.1	99.1
51	37.7	29.6	44.4



#16
Acetone
Concen: 107.151 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion:	43	Resp:	86767
Ion	Ratio	Lower	Upper
43	100		
58	28.7	23.7	35.5

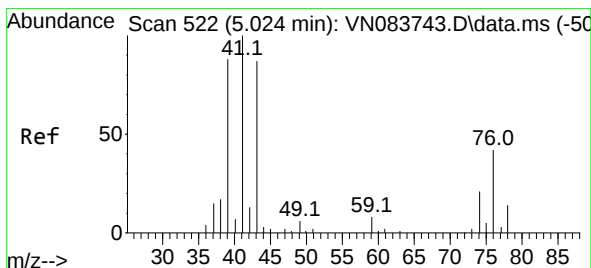
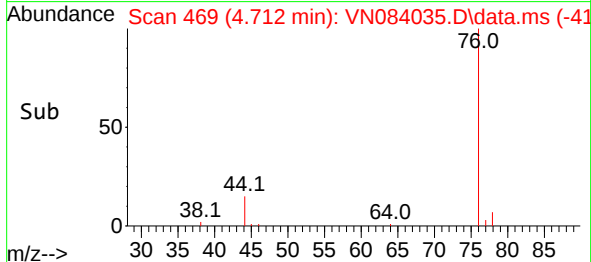
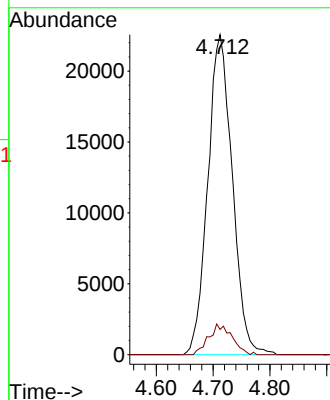
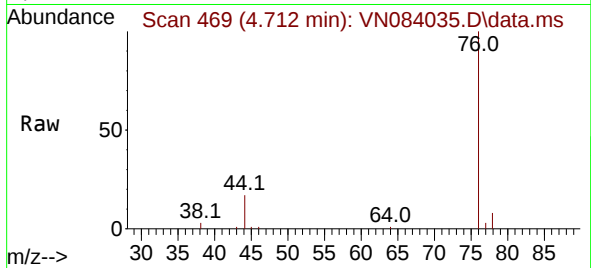




#17
Carbon Disulfide
Concen: 16.691 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

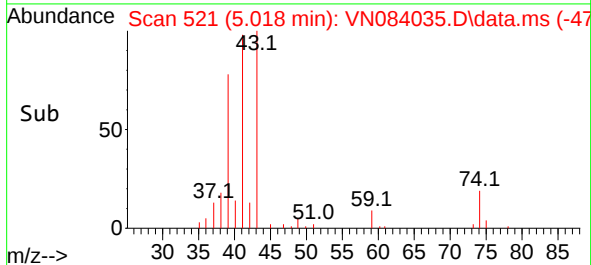
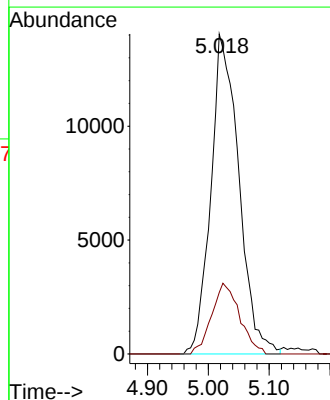
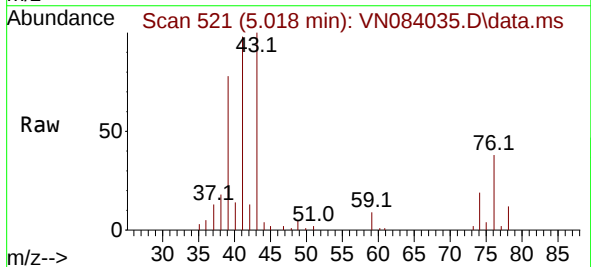
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

Tgt Ion: 76 Resp: 67652
Ion Ratio Lower Upper
76 100
78 7.9 7.1 10.7



#18
Methyl Acetate
Concen: 25.680 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 43 Resp: 44849
Ion Ratio Lower Upper
43 100
74 22.1 19.0 28.4

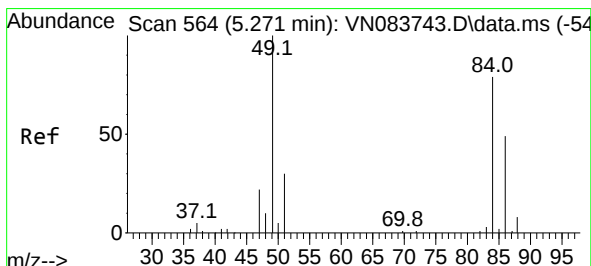
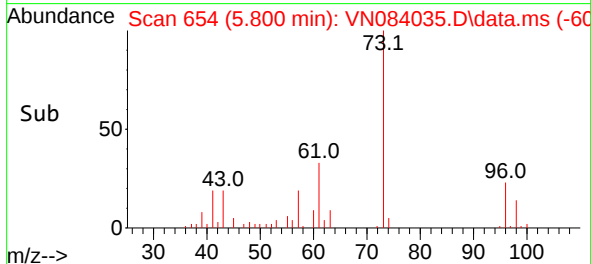
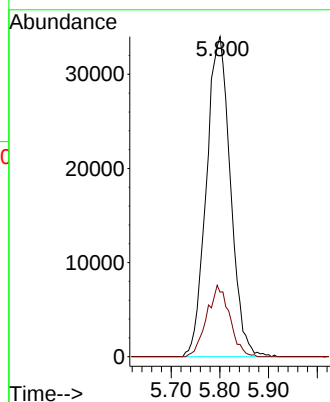
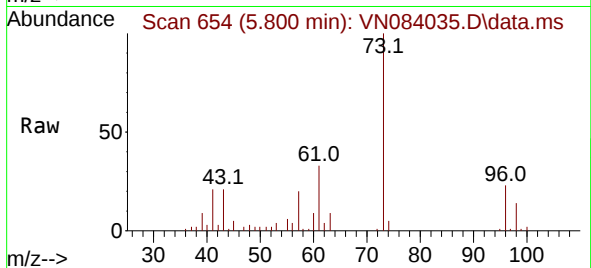




#19
Methyl tert-butyl Ether
Concen: 22.247 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

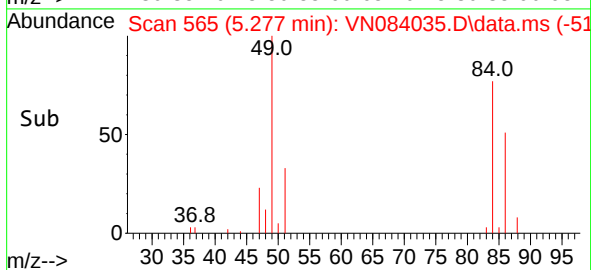
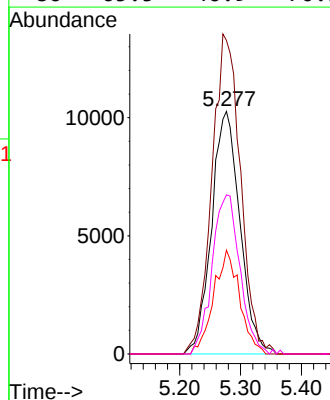
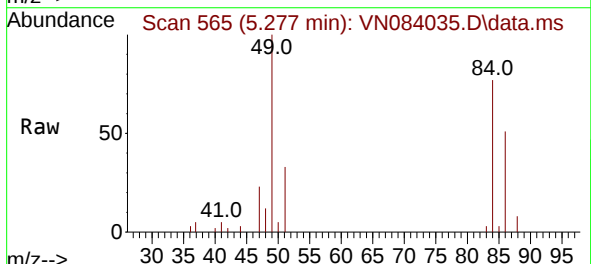
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

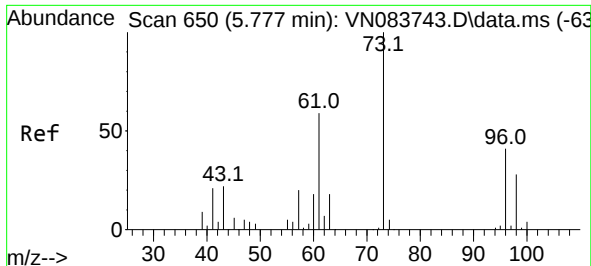
Tgt Ion: 73 Resp: 116649
Ion Ratio Lower Upper
73 100
57 20.2 17.0 25.6



#20
Methylene Chloride
Concen: 20.031 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 84 Resp: 33193
Ion Ratio Lower Upper
84 100
49 129.3 93.4 140.0
51 42.8 29.2 43.8
86 65.5 46.9 70.3

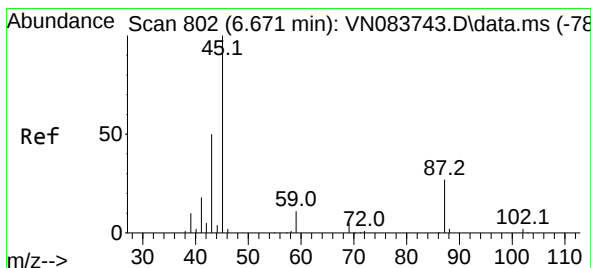
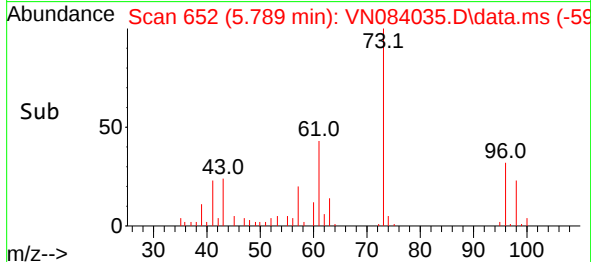
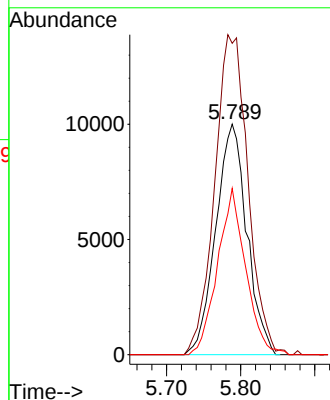
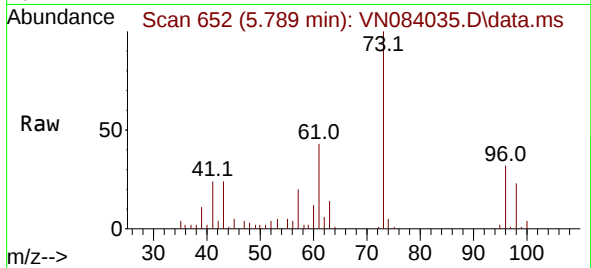




#21
trans-1,2-Dichloroethene
Concen: 18.764 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

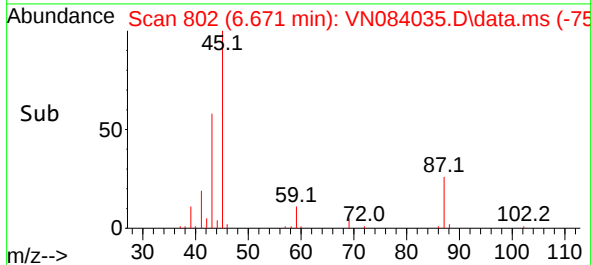
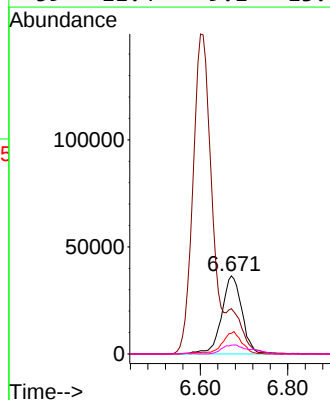
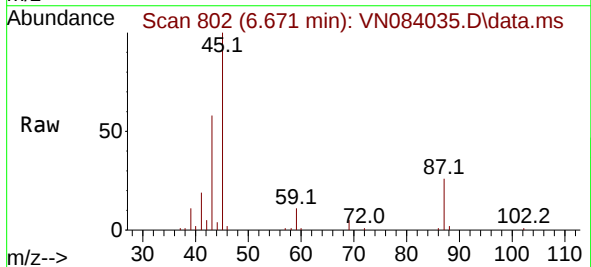
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

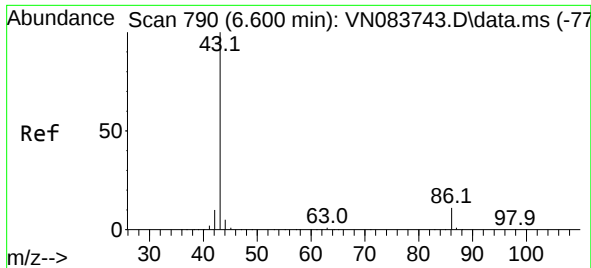
Tgt Ion: 96 Resp: 29138
Ion Ratio Lower Upper
96 100
61 135.0 106.0 159.0
98 72.1 52.2 78.2



#22
Diisopropyl ether
Concen: 22.001 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 45 Resp: 116933
Ion Ratio Lower Upper
45 100
43 57.1 43.4 65.0
87 26.5 22.6 33.8
59 11.4 9.1 13.7

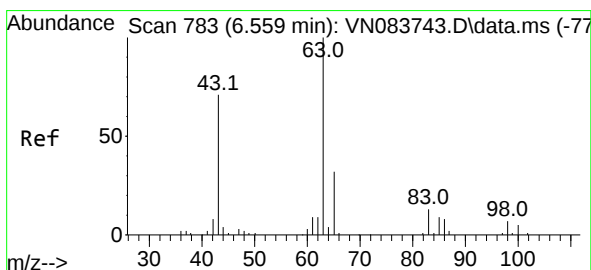
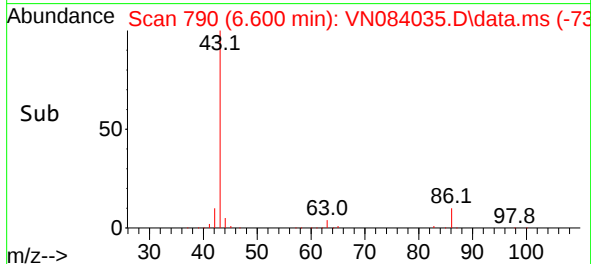
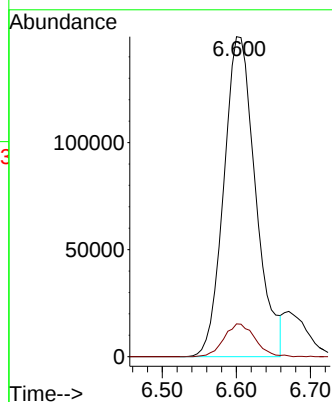
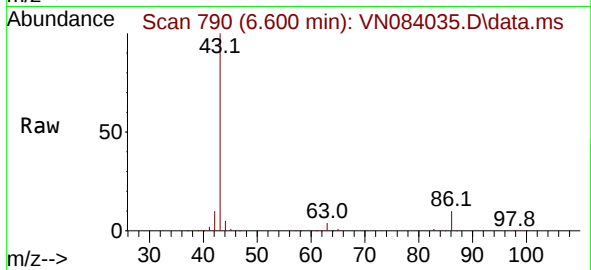




#23
 Vinyl Acetate
 Concen: 114.374 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084035.D
 Acq: 19 Sep 2024 15:39

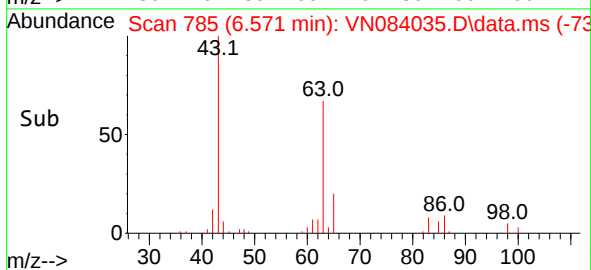
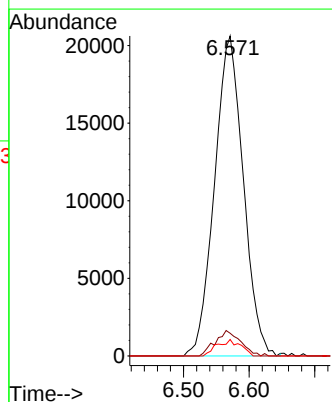
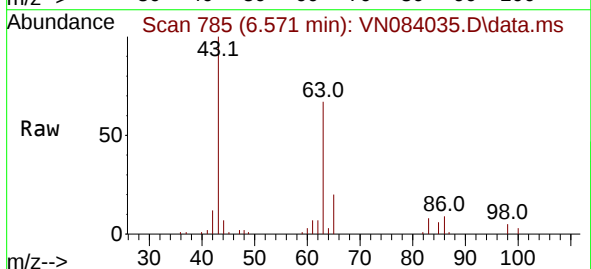
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBSD01

Tgt Ion: 43 Resp: 445157
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 20.508 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.012 min
 Lab File: VN084035.D
 Acq: 19 Sep 2024 15:39

Tgt Ion: 63 Resp: 62796
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 5.1 2.5 7.5





#25

2-Butanone

Concen: 119.119 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

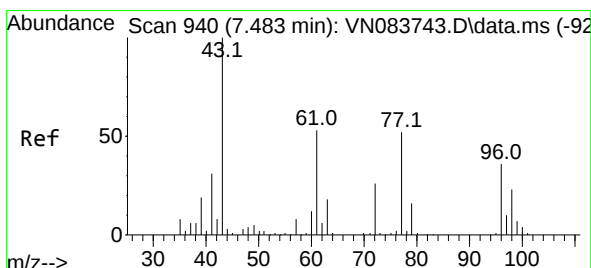
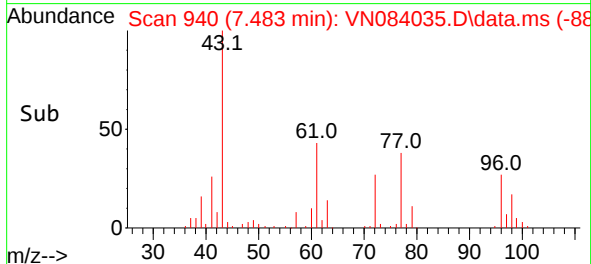
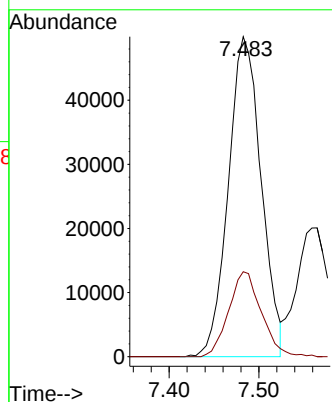
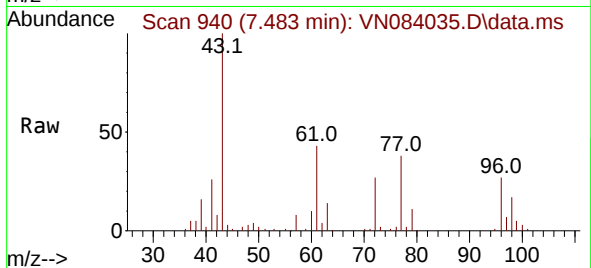
VN0919WBSD01

Tgt Ion: 43 Resp: 126779

Ion Ratio Lower Upper

43 100

72 26.6 20.8 31.2



#26

2,2-Dichloropropane

Concen: 18.616 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN084035.D

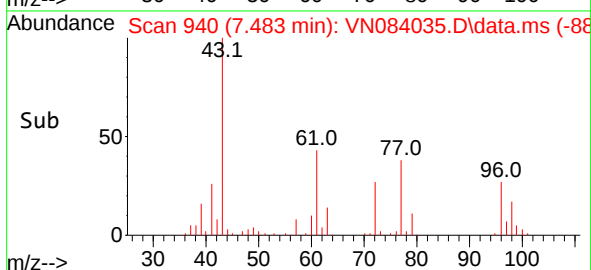
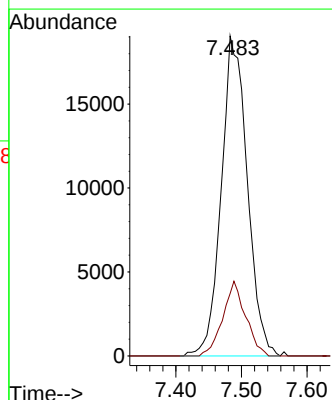
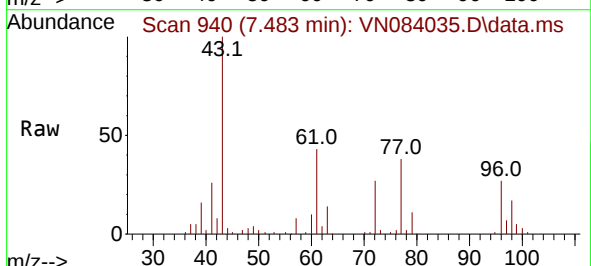
Acq: 19 Sep 2024 15:39

Tgt Ion: 77 Resp: 52494

Ion Ratio Lower Upper

77 100

97 20.5 10.2 30.4



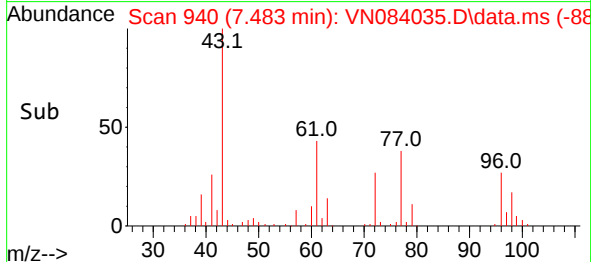
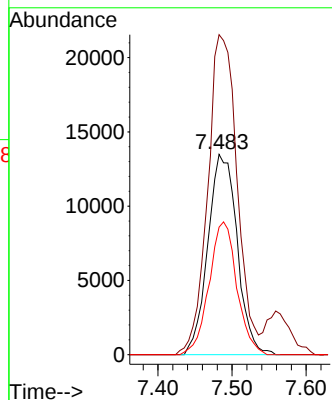
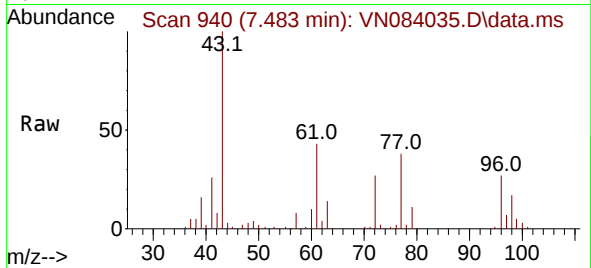


#27
 cis-1,2-Dichloroethene
 Concen: 20.106 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN084035.D
 Acq: 19 Sep 2024 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBSD01

Tgt Ion: 96 Resp: 37063

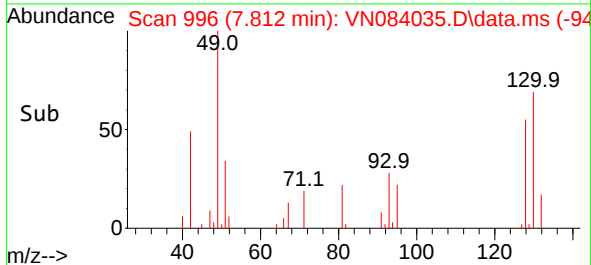
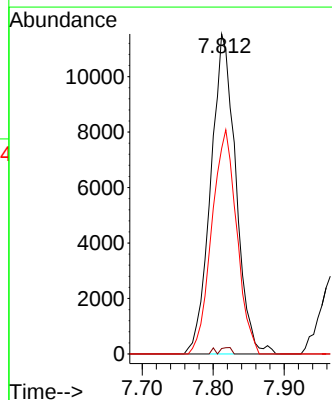
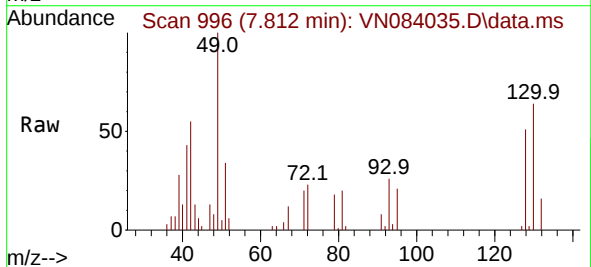
Ion	Ratio	Lower	Upper
96	100		
61	160.1	0.0	306.2
98	62.8	0.0	128.6

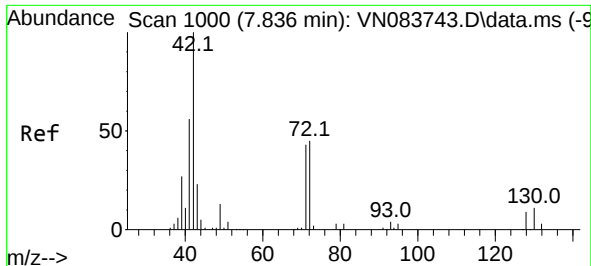


#28
 Bromochloromethane
 Concen: 21.903 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN084035.D
 Acq: 19 Sep 2024 15:39

Tgt Ion: 49 Resp: 28243

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.4
130	69.7	60.2	90.2





#29

Tetrahydrofuran

Concen: 128.765 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

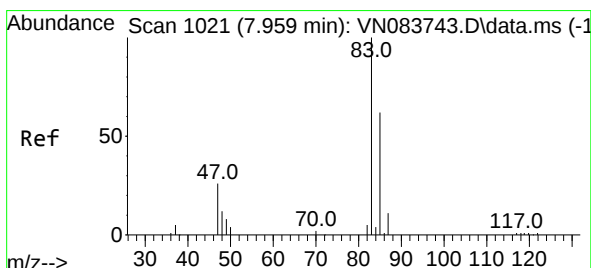
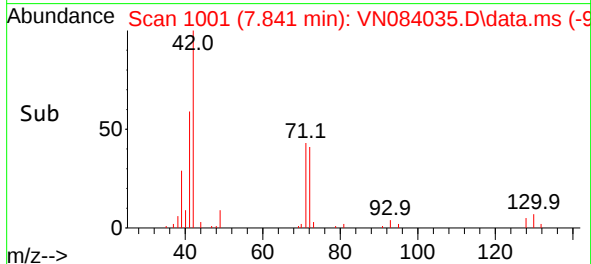
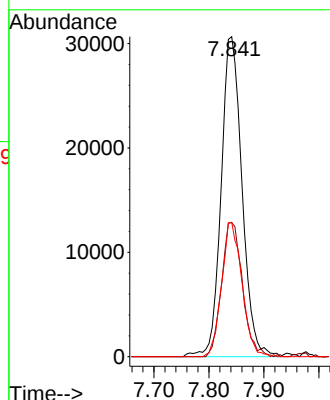
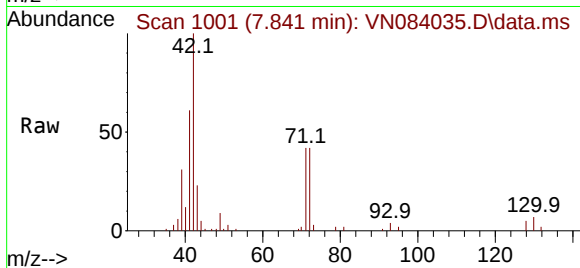
Tgt Ion: 42 Resp: 81034

Ion Ratio Lower Upper

42 100

72 41.8 35.9 53.9

71 40.8 33.9 50.9



#30

Chloroform

Concen: 20.841 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN084035.D

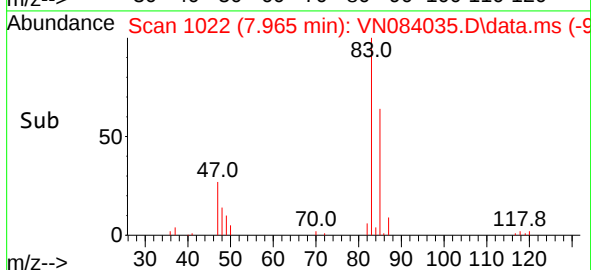
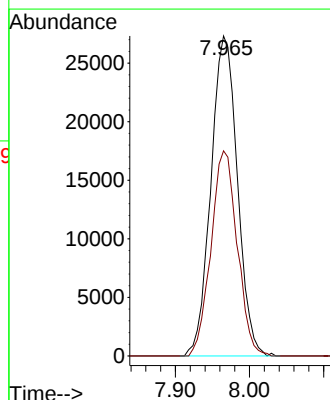
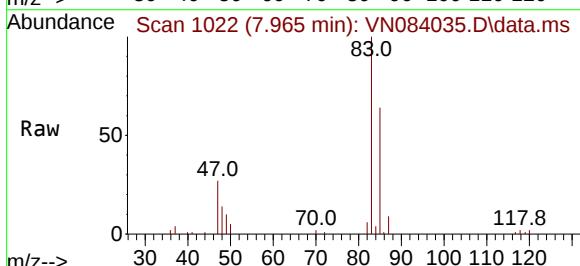
Acq: 19 Sep 2024 15:39

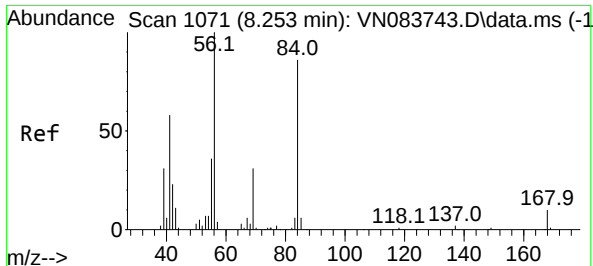
Tgt Ion: 83 Resp: 67747

Ion Ratio Lower Upper

83 100

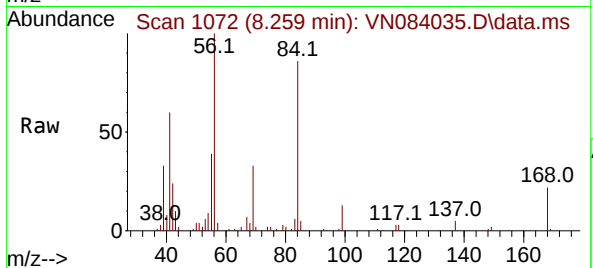
85 64.1 52.8 79.2



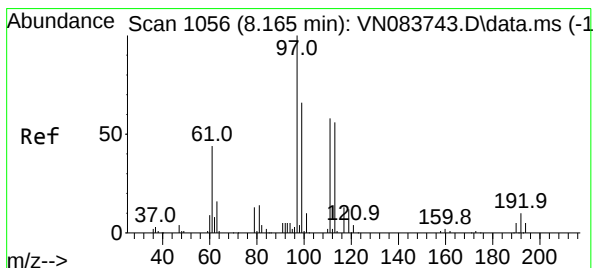
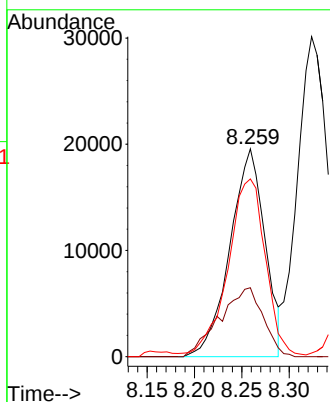
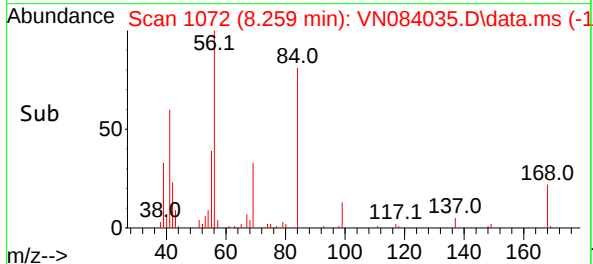


#31
Cyclohexane
Concen: 17.242 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

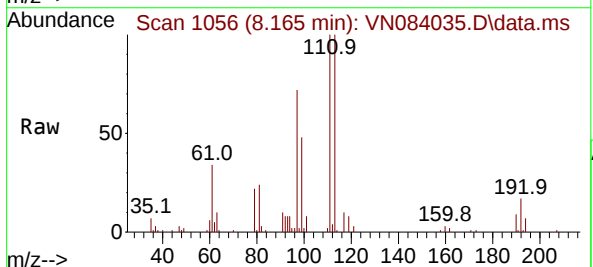
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



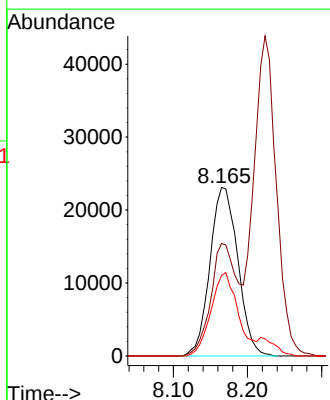
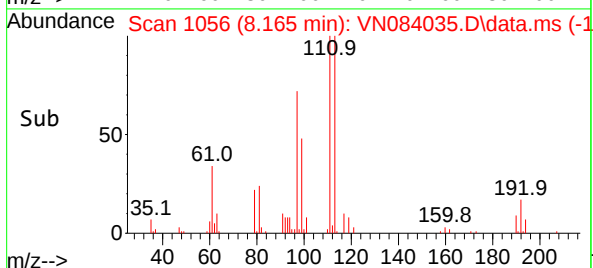
Tgt Ion: 56 Resp: 50337
Ion Ratio Lower Upper
56 100
69 33.2 26.9 40.3
84 84.0 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 20.219 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39



Tgt Ion: 97 Resp: 60435
Ion Ratio Lower Upper
97 100
99 65.3 52.3 78.5
61 48.3 38.2 57.2

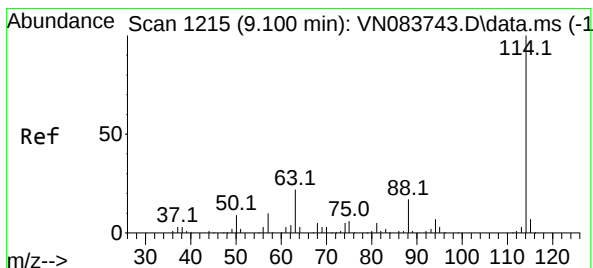
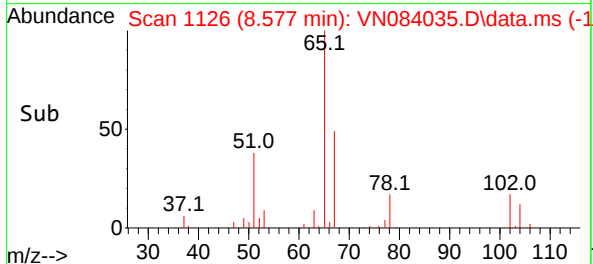
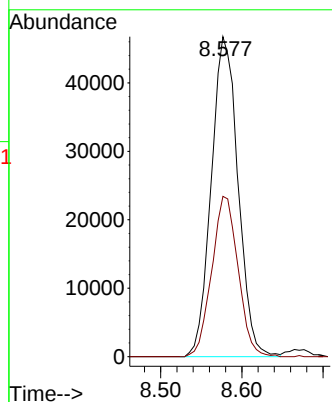
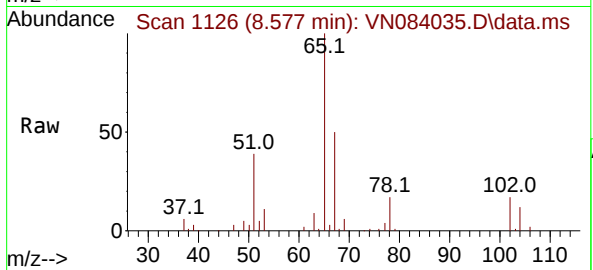




#33
 1,2-Dichloroethane-d4
 Concen: 53.036 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084035.D
 Acq: 19 Sep 2024 15:39

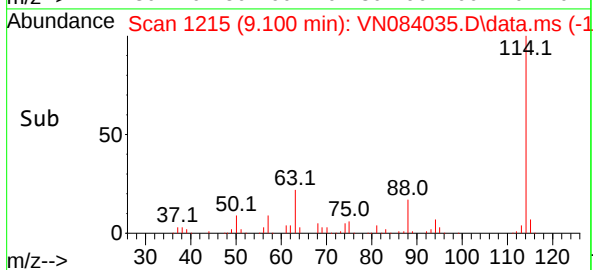
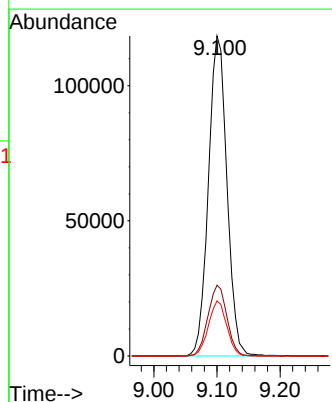
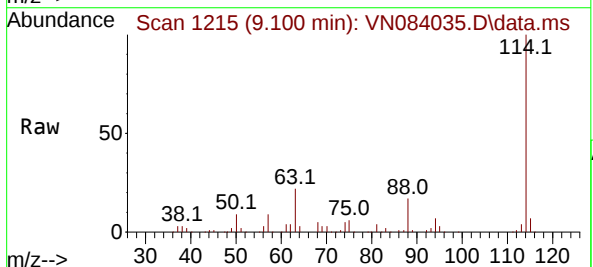
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBSD01

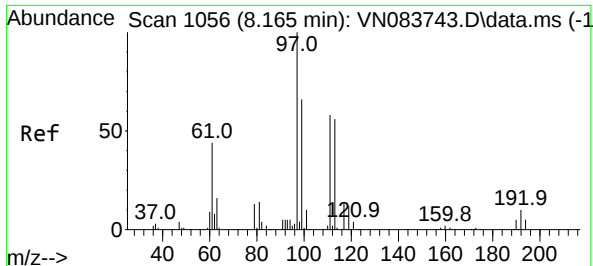
Tgt Ion: 65 Resp: 107133
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084035.D
 Acq: 19 Sep 2024 15:39

Tgt Ion: 114 Resp: 240706
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.4
 88 17.2 0.0 32.6

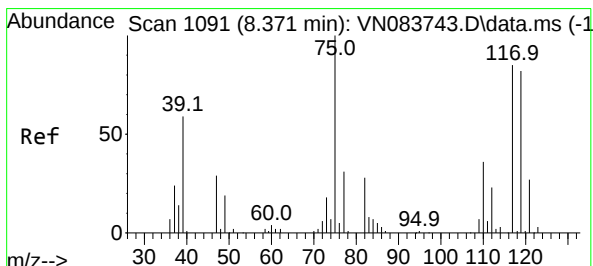
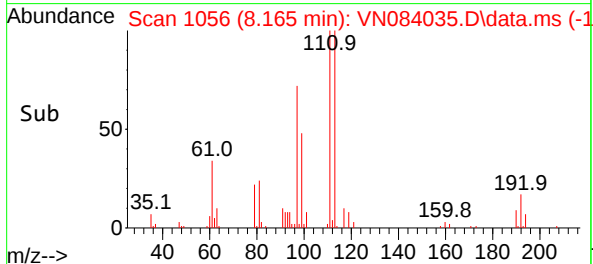
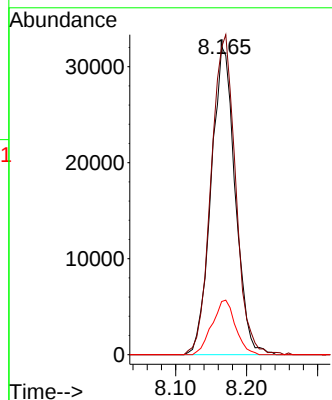
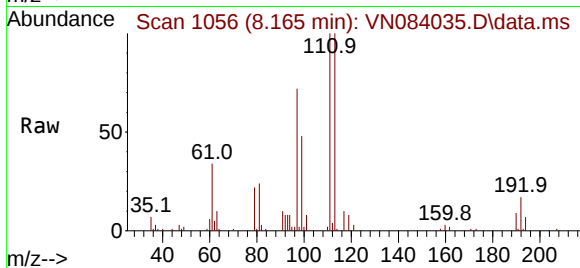




#35
Dibromofluoromethane
Concen: 48.958 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

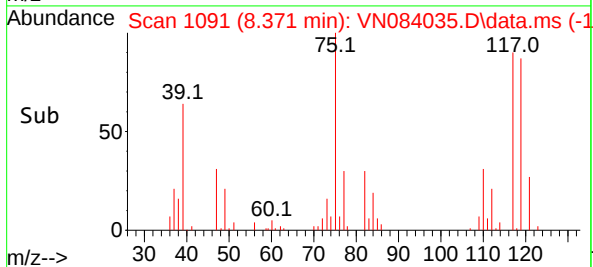
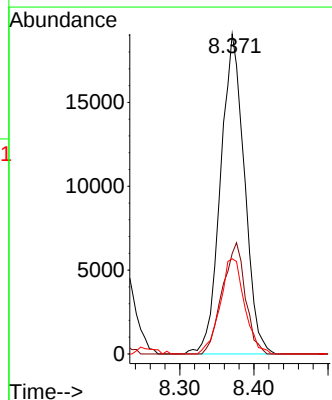
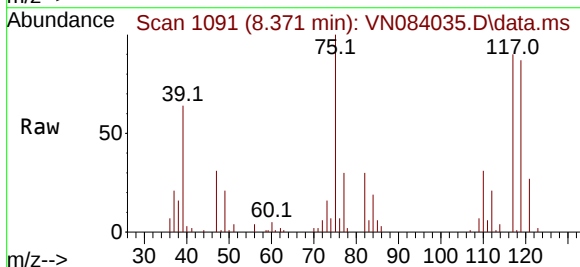
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

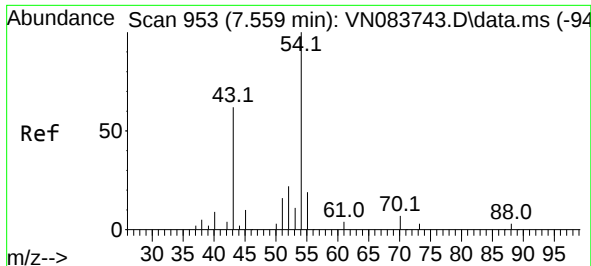
Tgt Ion:113 Resp: 75443
Ion Ratio Lower Upper
113 100
111 105.3 82.6 124.0
192 17.2 14.3 21.5



#36
1,1-Dichloropropene
Concen: 18.365 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 75 Resp: 42595
Ion Ratio Lower Upper
75 100
110 33.5 16.7 50.1
77 30.6 25.2 37.8

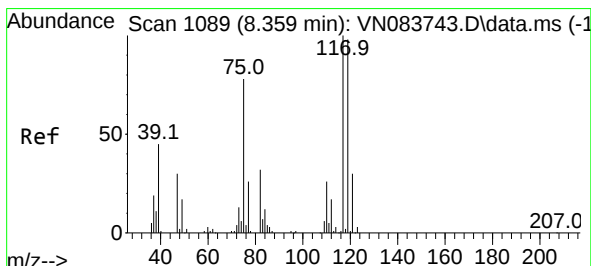
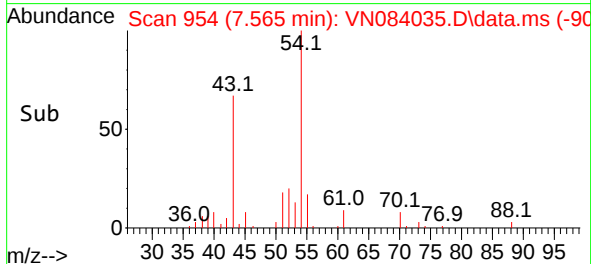
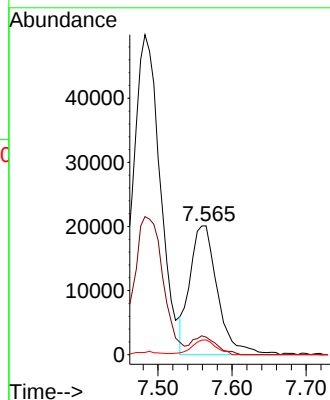
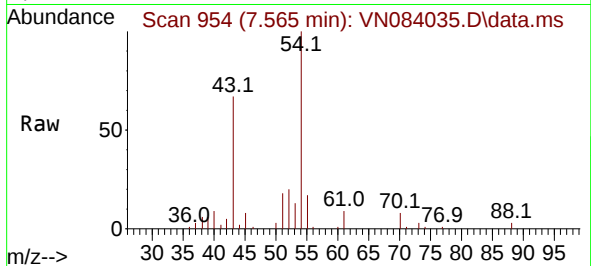




#37
Ethyl Acetate
Concen: 24.788 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

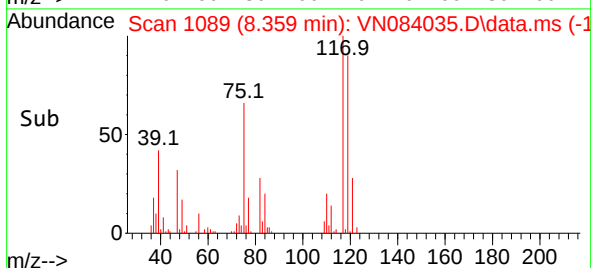
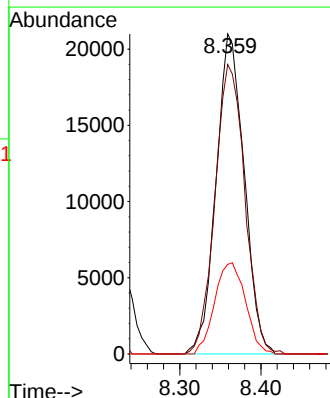
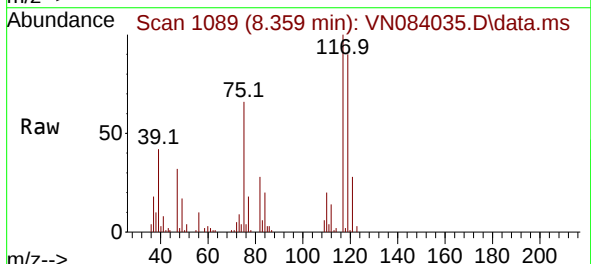
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

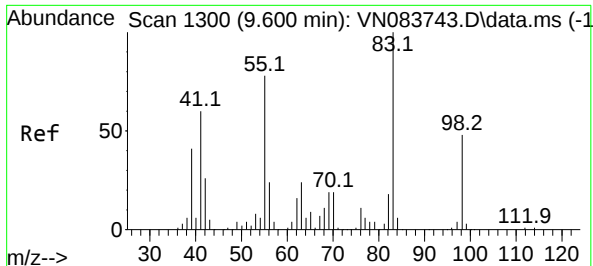
Tgt Ion: 43 Resp: 52186
Ion Ratio Lower Upper
43 100
61 13.0 11.1 16.7
70 10.0 8.8 13.2



#38
Carbon Tetrachloride
Concen: 19.185 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 117 Resp: 50483
Ion Ratio Lower Upper
117 100
119 90.4 76.1 114.1
121 28.0 24.1 36.1





#39

Methylcyclohexane

Concen: 17.347 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

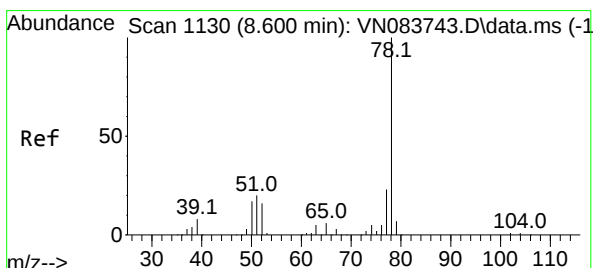
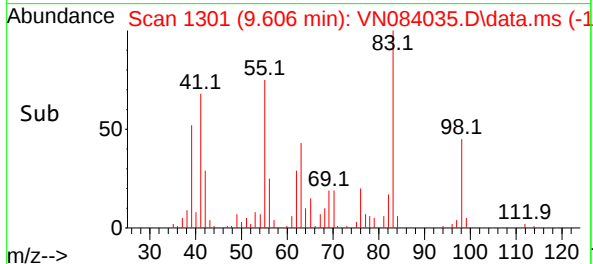
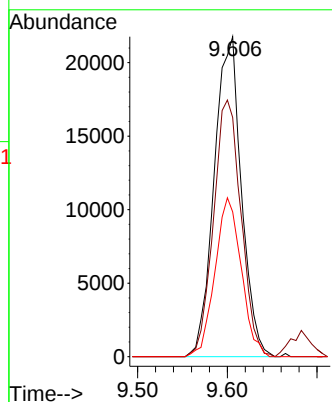
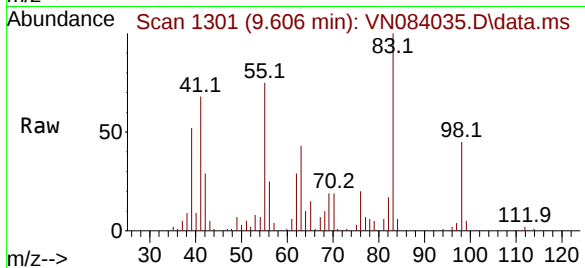
Tgt Ion: 83 Resp: 45796

Ion Ratio Lower Upper

83 100

55 74.8 62.2 93.4

98 45.2 37.6 56.4



#40

Benzene

Concen: 19.449 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN084035.D

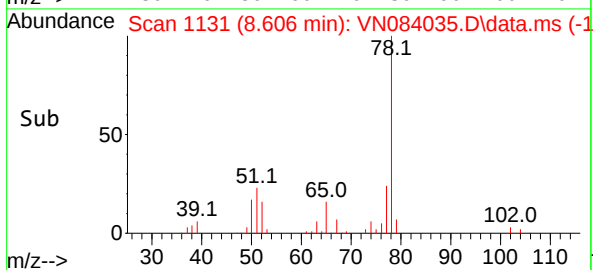
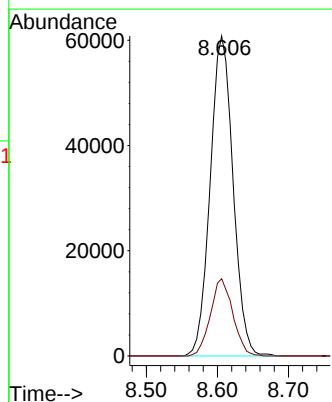
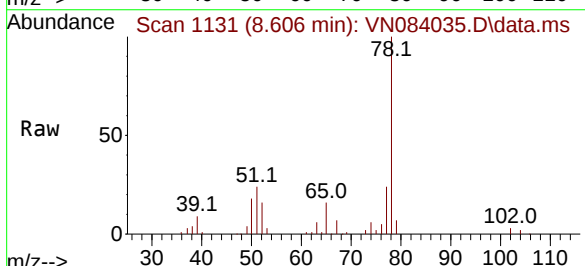
Acq: 19 Sep 2024 15:39

Tgt Ion: 78 Resp: 135775

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

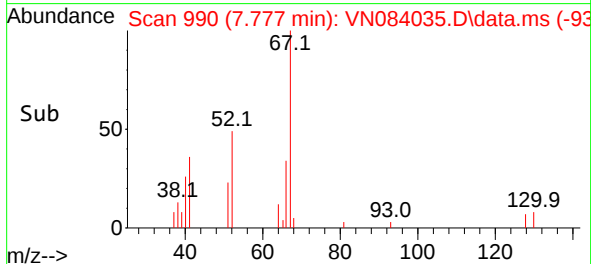
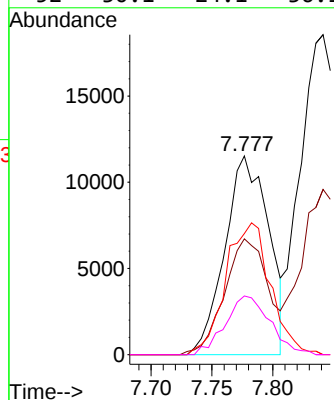
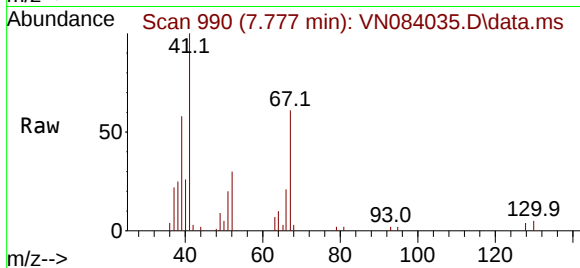




#41
Methacrylonitrile
Concen: 23.147 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

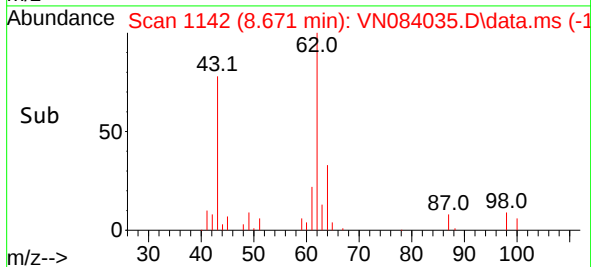
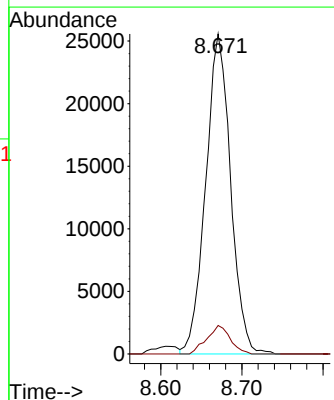
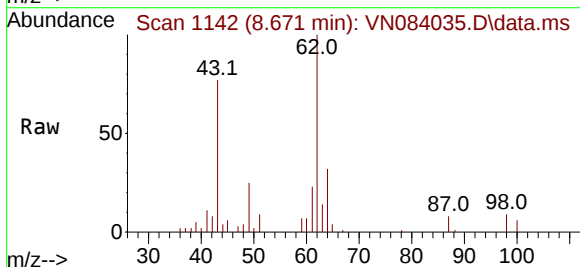
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

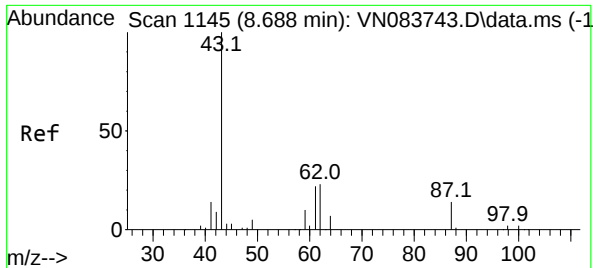
Tgt Ion:	41	Resp:	28823
Ion	Ratio	Lower	Upper
41	100		
39	57.9	45.4	68.2
67	67.8	55.9	83.9
52	30.1	24.1	36.1



#42
1,2-Dichloroethane
Concen: 20.907 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion:	62	Resp:	54538
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6

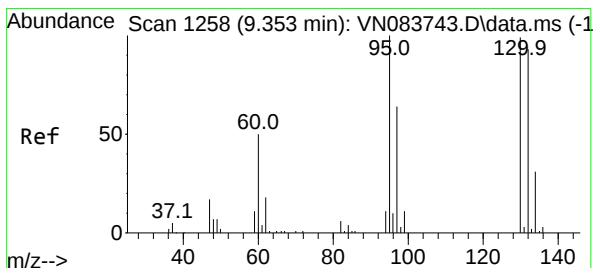
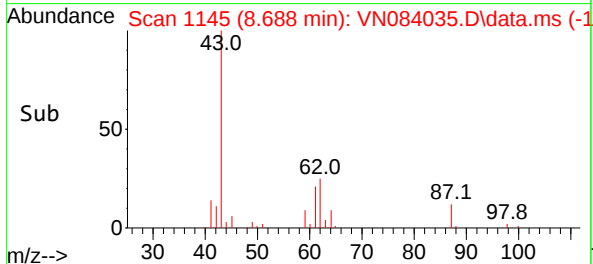
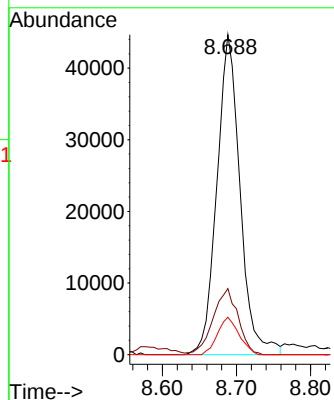
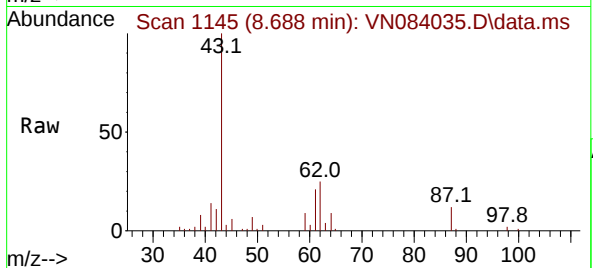




#43
Isopropyl Acetate
Concen: 25.469 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

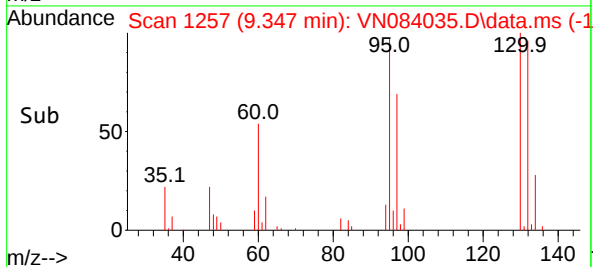
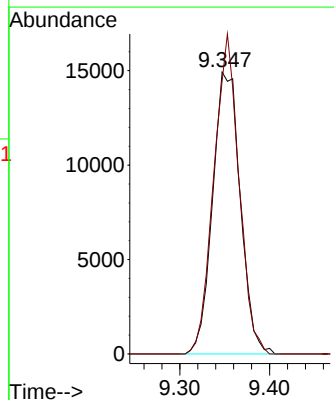
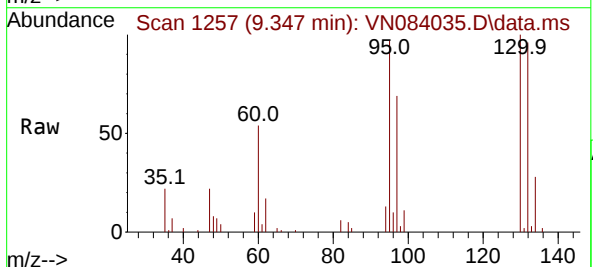
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

Tgt Ion: 43 Resp: 97168
Ion Ratio Lower Upper
43 100
61 22.2 19.4 29.0
87 10.8 9.8 14.6



#44
Trichloroethene
Concen: 19.813 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion:130 Resp: 32030
Ion Ratio Lower Upper
130 100
95 96.8 0.0 200.4





#45

1,2-Dichloropropane

Concen: 20.349 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

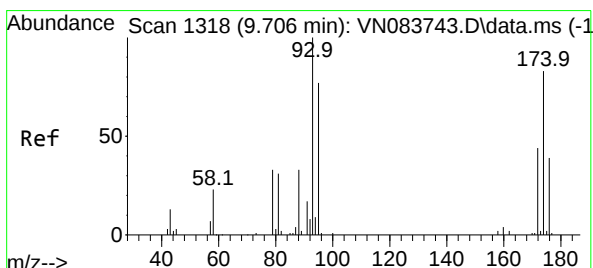
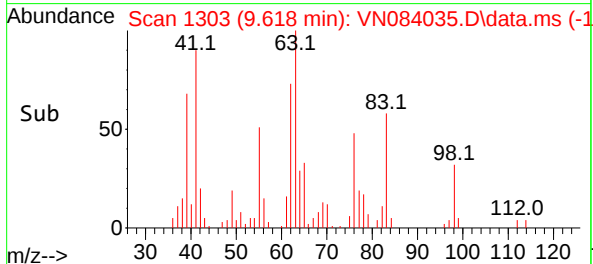
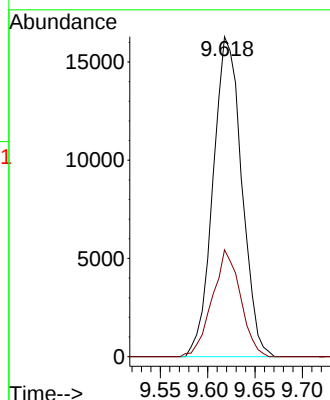
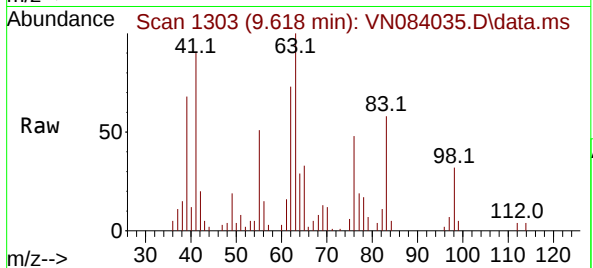
VN0919WBSD01

Tgt Ion: 63 Resp: 34335

Ion Ratio Lower Upper

63 100

65 33.4 25.9 38.9



#46

Dibromomethane

Concen: 21.418 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

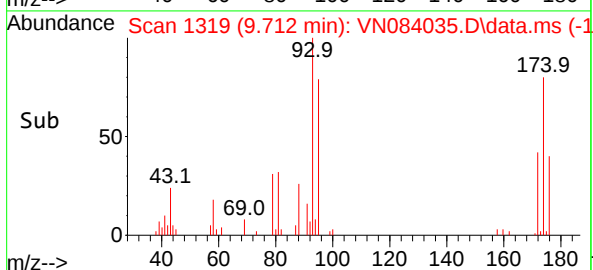
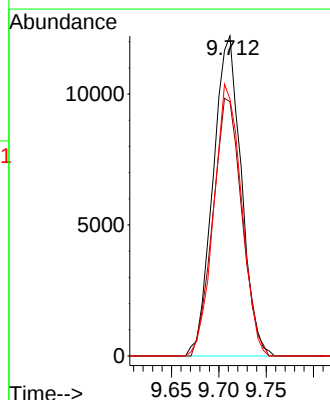
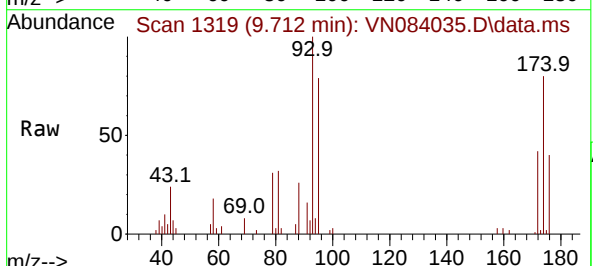
Tgt Ion: 93 Resp: 25312

Ion Ratio Lower Upper

93 100

95 82.7 65.3 97.9

174 83.5 71.0 106.4





#47

Bromodichloromethane

Concen: 21.438 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

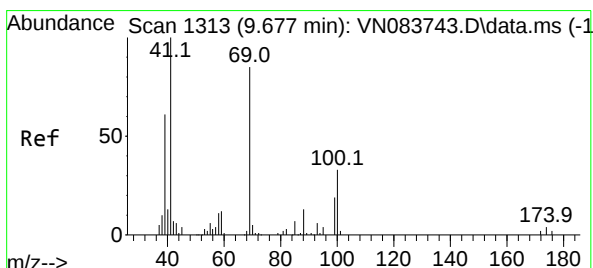
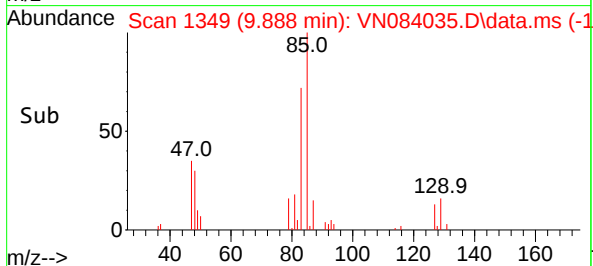
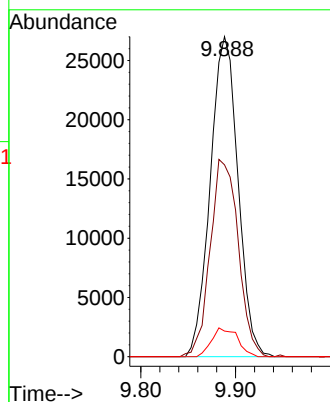
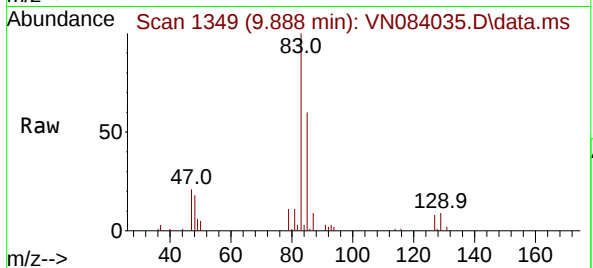
Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

Tgt Ion:	83	Resp:	54832
Ion	Ratio	Lower	Upper
83	100		
85	60.0	51.8	77.8
127	8.0	6.6	9.8



#48

Methyl methacrylate

Concen: 22.698 ug/l

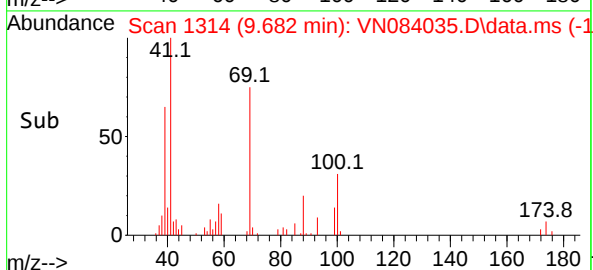
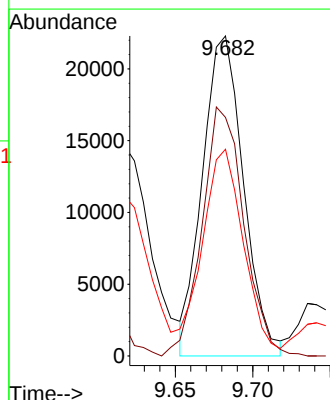
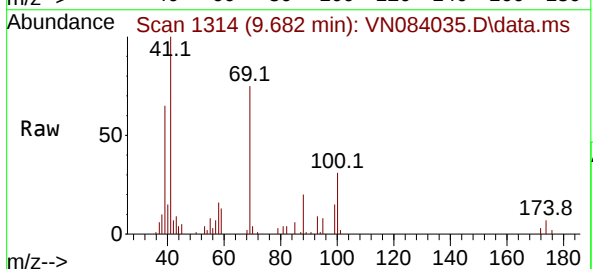
RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Tgt Ion:	41	Resp:	41085
Ion	Ratio	Lower	Upper
41	100		
69	79.2	64.3	96.5
39	66.0	48.9	73.3

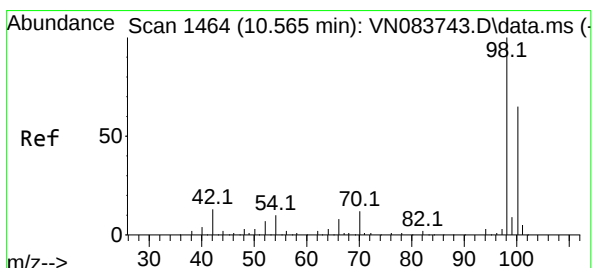
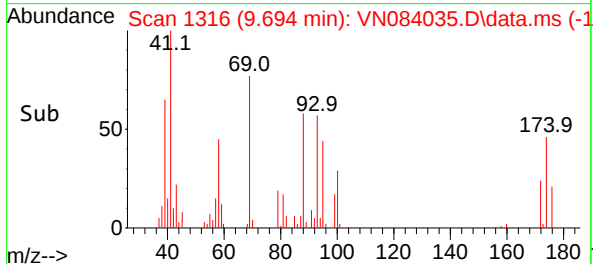
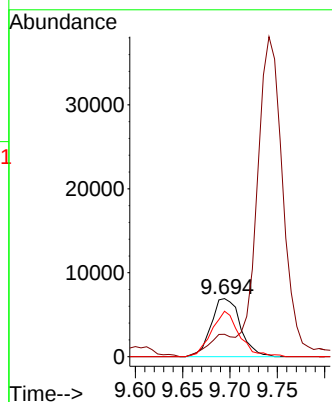
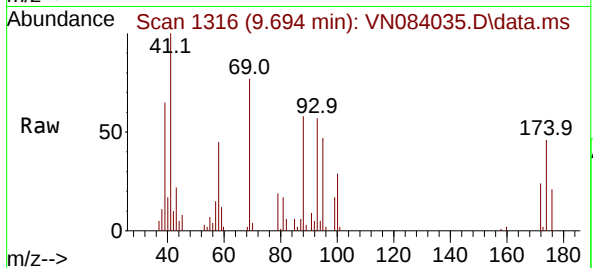




#49
1,4-Dioxane
Concen: 499.661 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

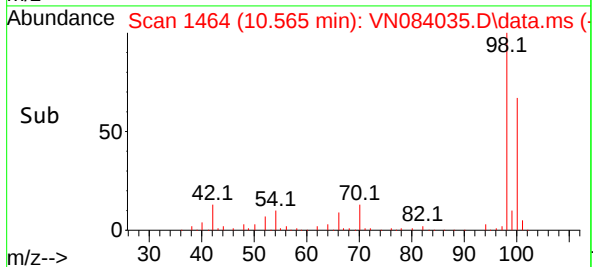
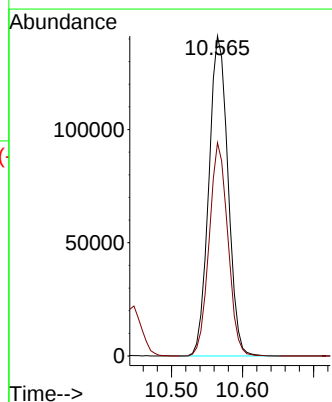
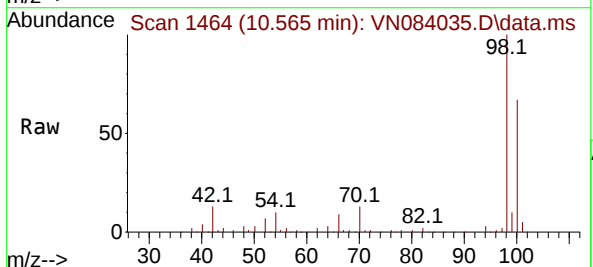
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

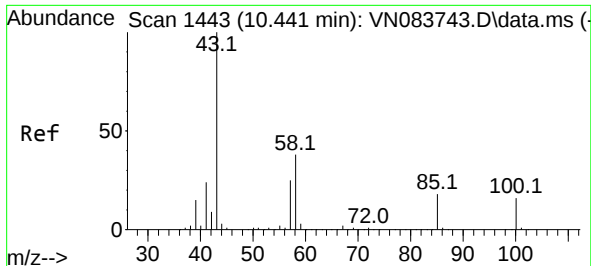
Tgt Ion: 88 Resp: 14878
Ion Ratio Lower Upper
88 100
43 35.3 0.0 0.0#
58 74.7 57.1 85.7



#50
Toluene-d8
Concen: 49.594 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 98 Resp: 264199
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

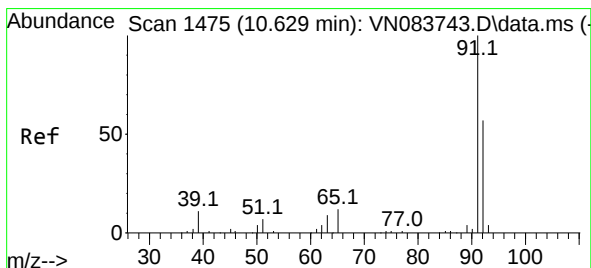
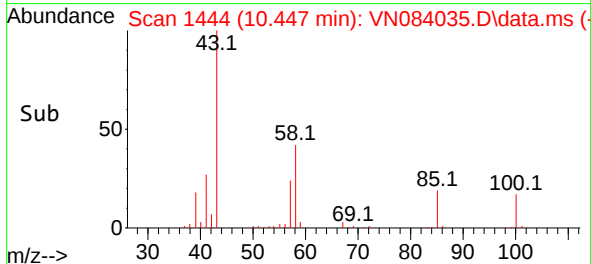
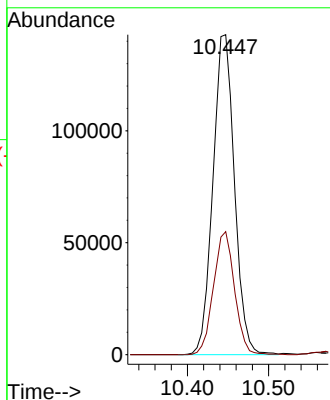
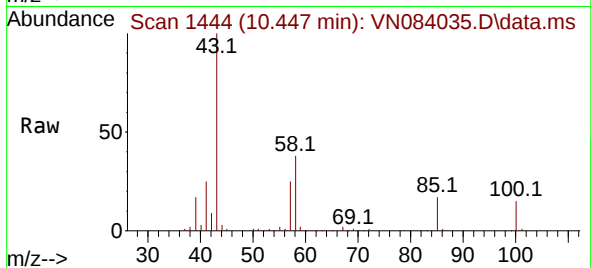




#51
4-Methyl-2-Pentanone
Concen: 126.851 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

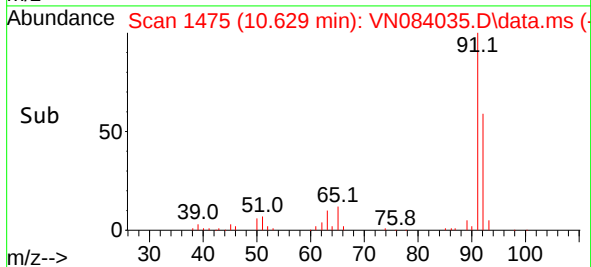
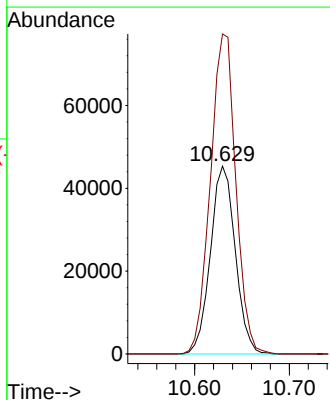
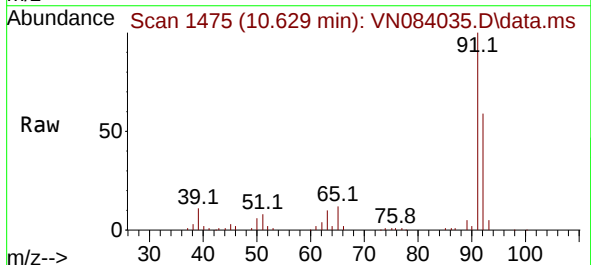
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

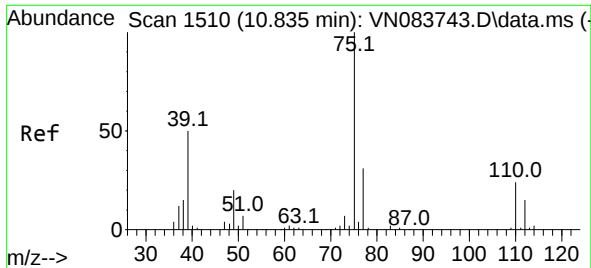
Tgt Ion: 43 Resp: 263438
Ion Ratio Lower Upper
43 100
58 37.6 31.6 47.4



#52
Toluene
Concen: 19.372 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 92 Resp: 82720
Ion Ratio Lower Upper
92 100
91 174.4 134.7 202.1

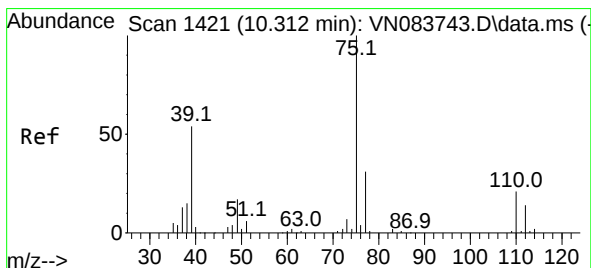
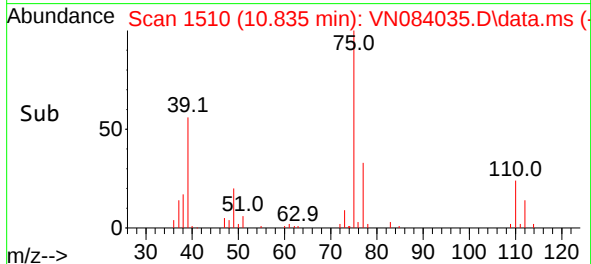
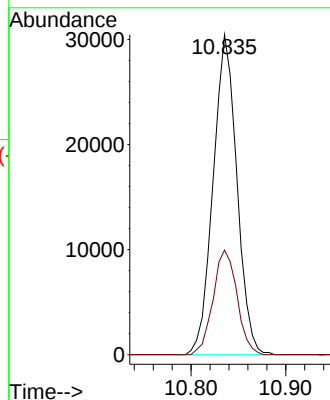
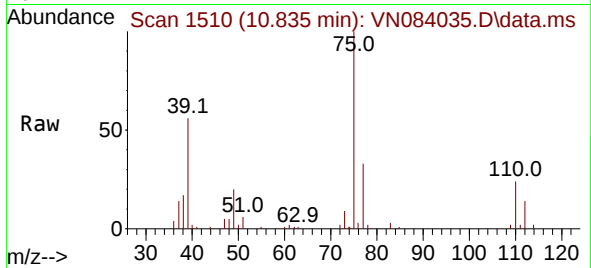




#53
 t-1,3-Dichloropropene
 Concen: 20.456 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN084035.D
 Acq: 19 Sep 2024 15:39

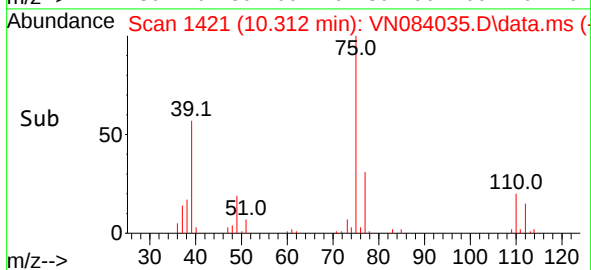
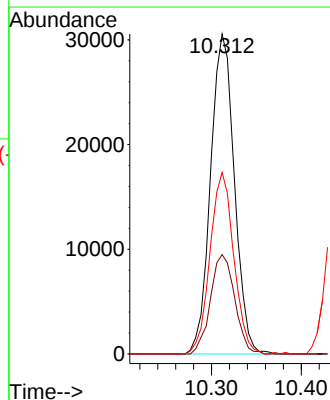
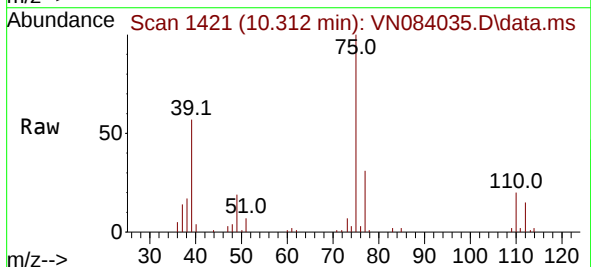
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBSD01

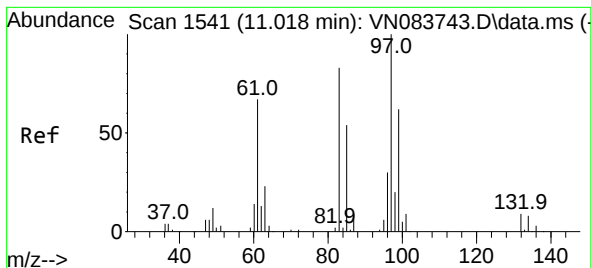
Tgt Ion: 75 Resp: 53033
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.669 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN084035.D
 Acq: 19 Sep 2024 15:39

Tgt Ion: 75 Resp: 56287
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.6
 39 56.7 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 20.972 ug/l

RT: 11.012 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

Tgt Ion: 97 Resp: 33432

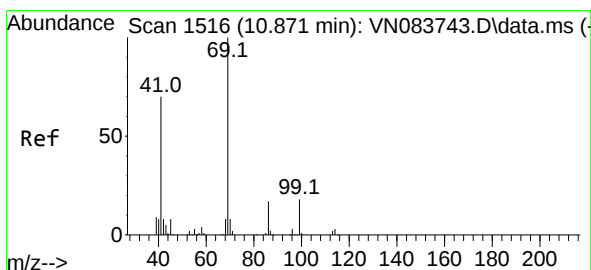
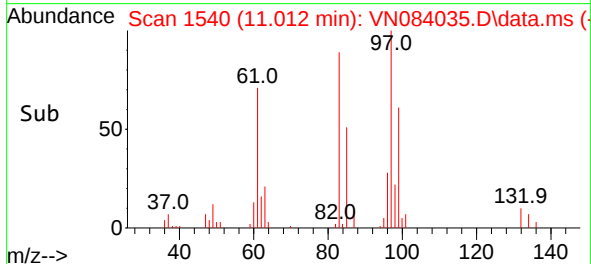
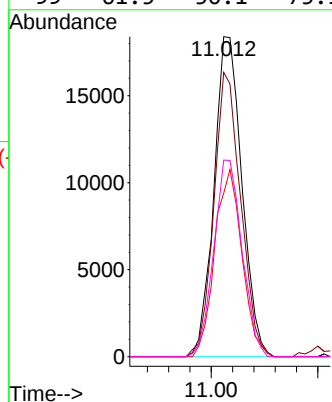
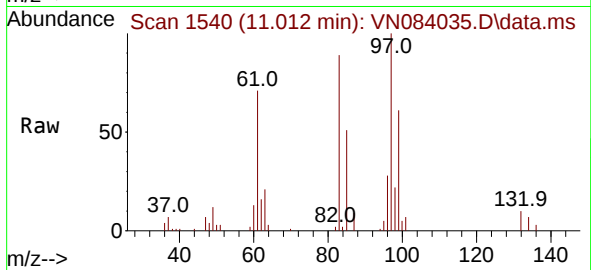
Ion Ratio Lower Upper

97 100

83 88.9 67.5 101.3

85 51.1 44.2 66.2

99 61.5 50.1 75.1



#56

Ethyl methacrylate

Concen: 22.985 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

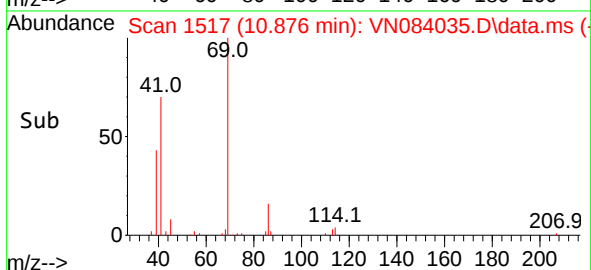
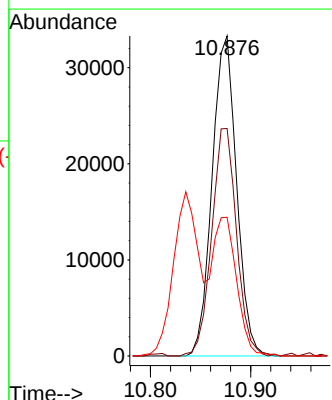
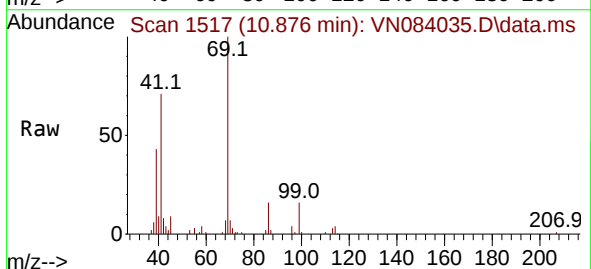
Tgt Ion: 69 Resp: 56374

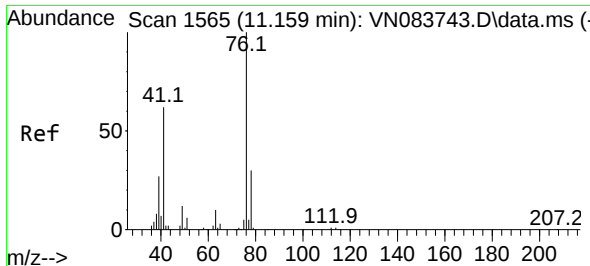
Ion Ratio Lower Upper

69 100

41 72.0 53.9 80.9

39 44.4 32.6 48.8





#57

1,3-Dichloropropane

Concen: 21.602 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

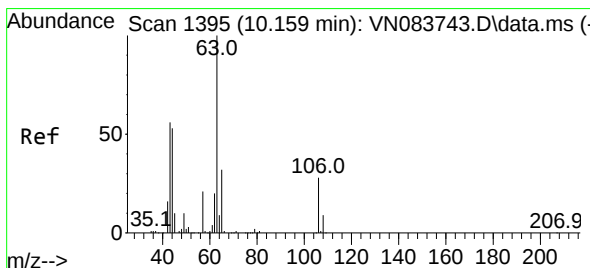
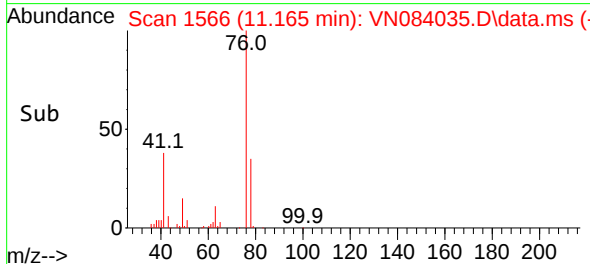
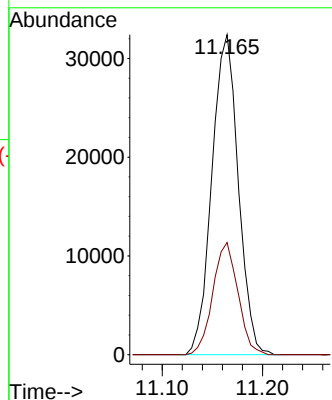
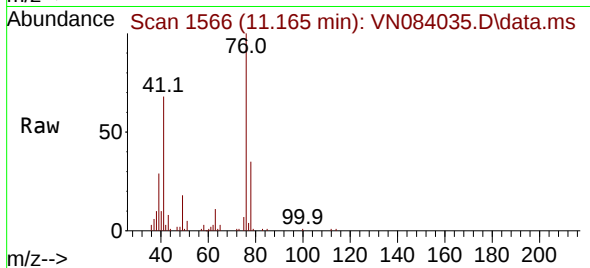
VN0919WBSD01

Tgt Ion: 76 Resp: 59186

Ion Ratio Lower Upper

76 100

78 33.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 117.002 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084035.D

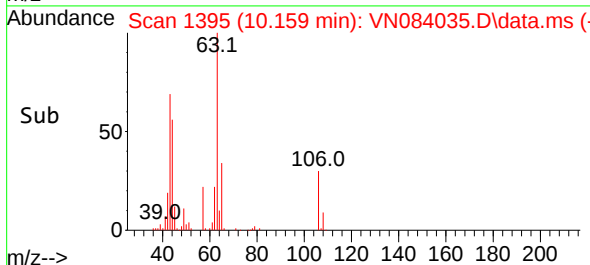
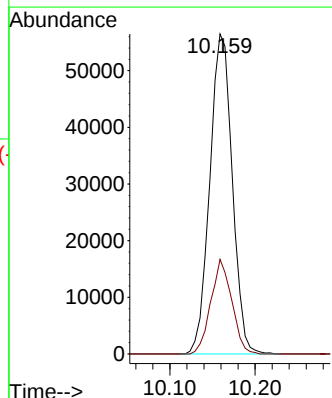
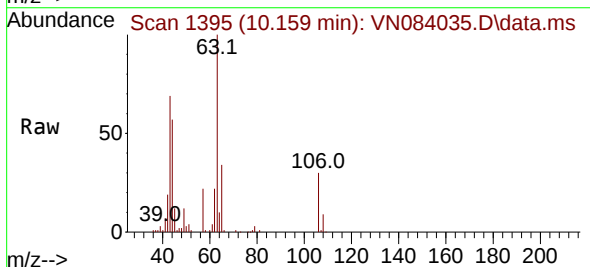
Acq: 19 Sep 2024 15:39

Tgt Ion: 63 Resp: 103401

Ion Ratio Lower Upper

63 100

106 27.5 23.3 34.9

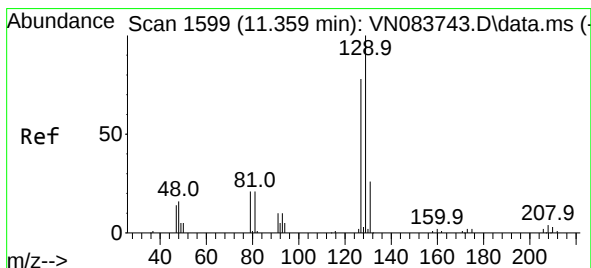
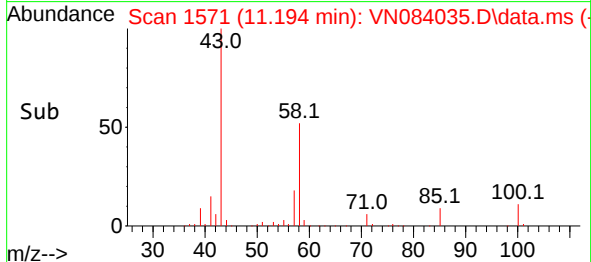
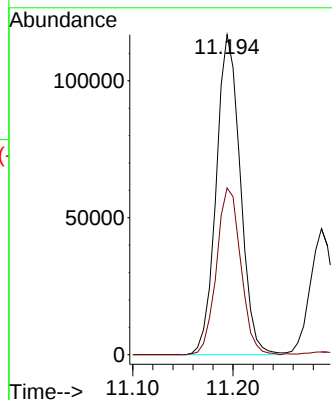
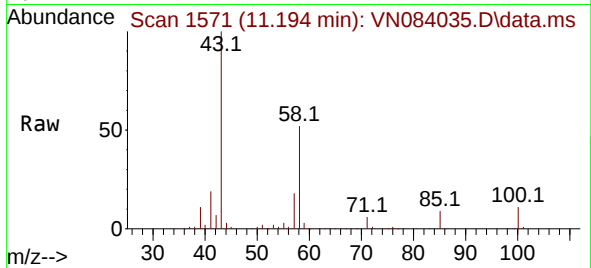




#59
2-Hexanone
Concen: 126.714 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

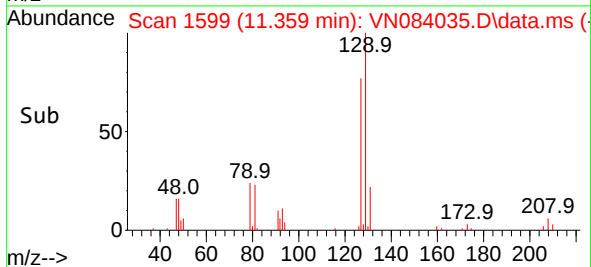
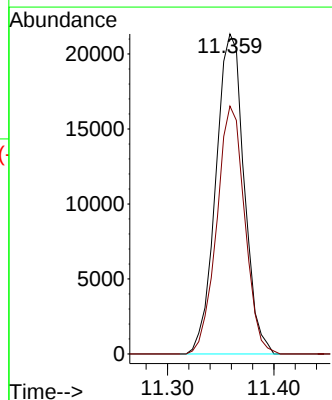
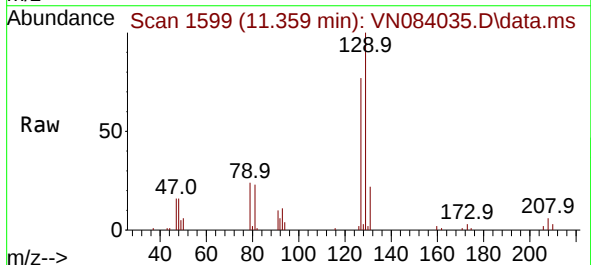
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

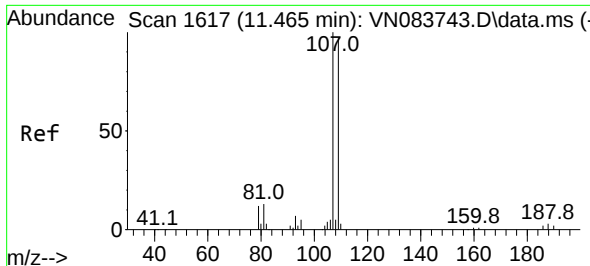
Tgt Ion: 43 Resp: 194661
Ion Ratio Lower Upper
43 100
58 52.5 27.2 81.5



#60
Dibromochloromethane
Concen: 22.051 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion:129 Resp: 39341
Ion Ratio Lower Upper
129 100
127 76.6 39.0 116.9

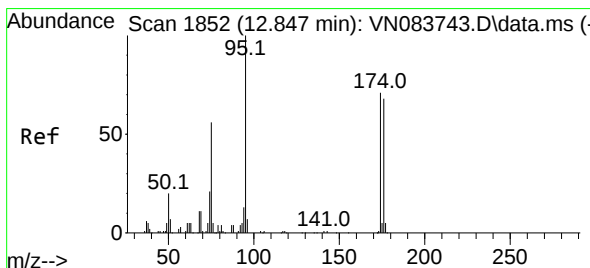
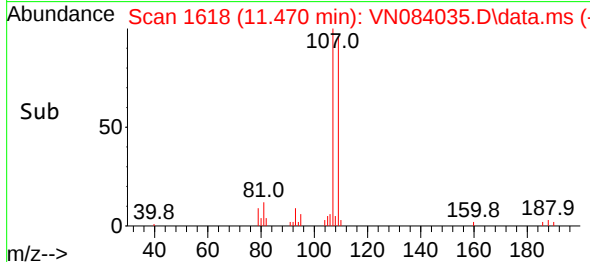
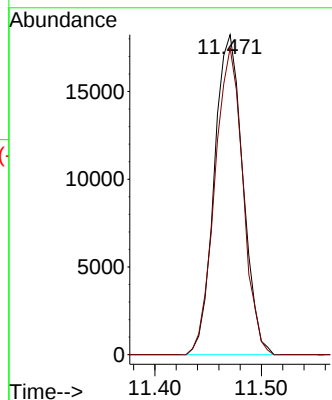
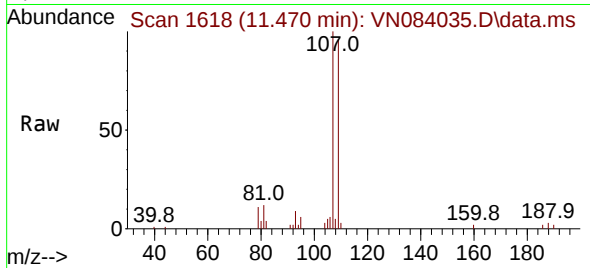




#61
1,2-Dibromoethane
Concen: 21.344 ug/l
RT: 11.470 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

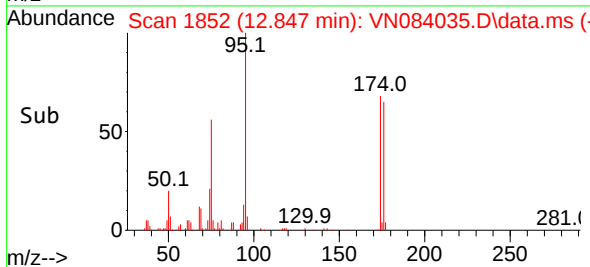
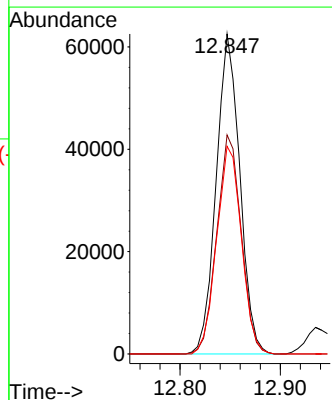
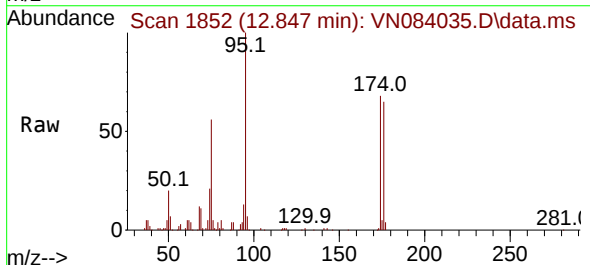
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

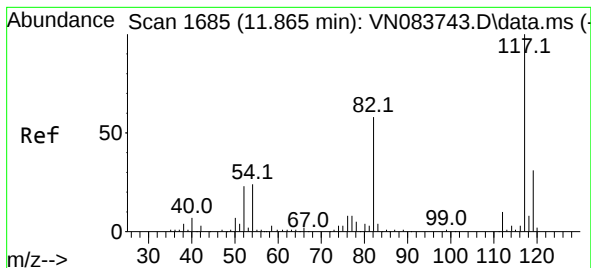
Tgt Ion:107 Resp: 33934
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.600 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 95 Resp: 102422
Ion Ratio Lower Upper
95 100
174 70.7 0.0 139.8
176 67.9 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

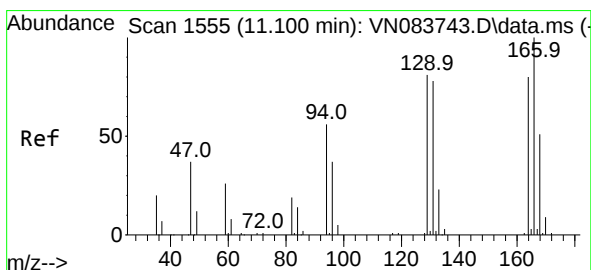
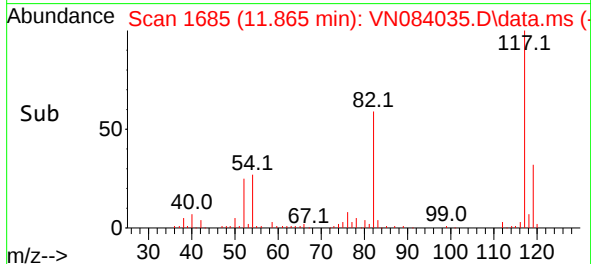
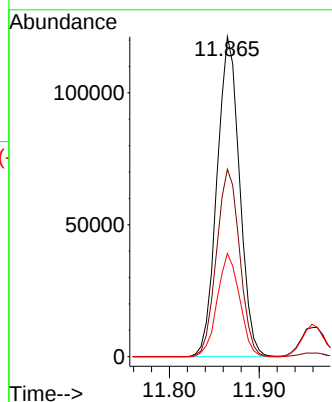
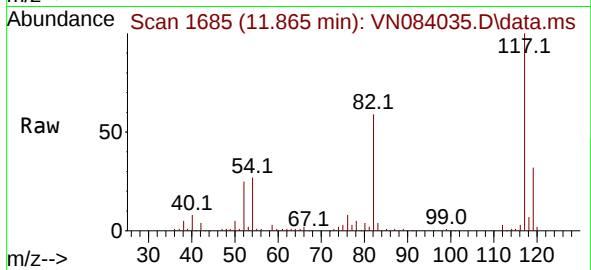
Tgt Ion:117 Resp: 211885

Ion Ratio Lower Upper

117 100

82 58.6 47.4 71.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 18.232 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Tgt Ion:164 Resp: 25690

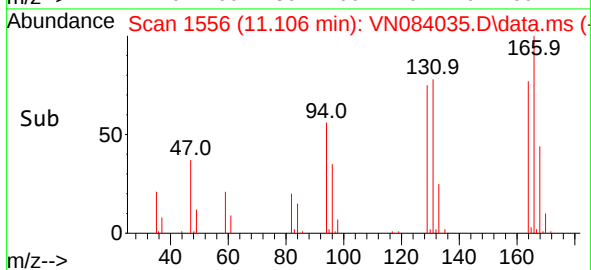
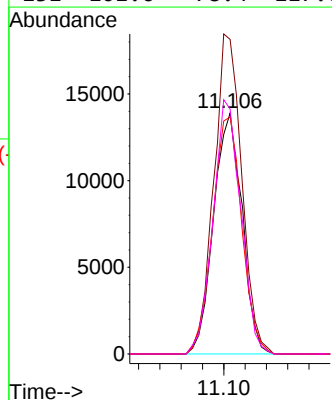
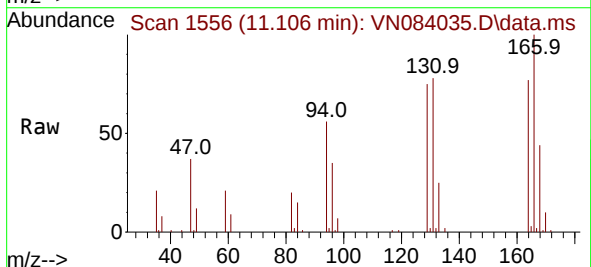
Ion Ratio Lower Upper

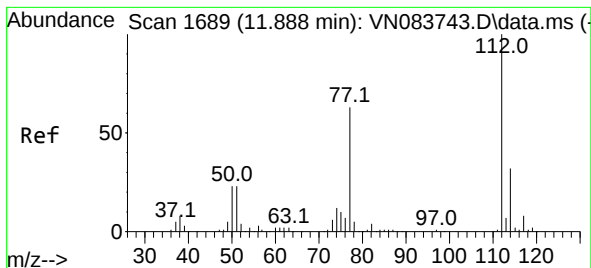
164 100

166 130.5 103.7 155.5

129 98.3 79.9 119.9

131 101.6 78.4 117.6





#65

Chlorobenzene

Concen: 19.574 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

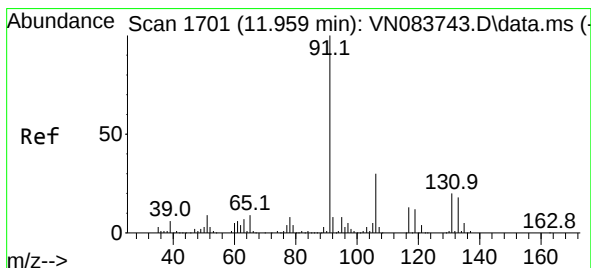
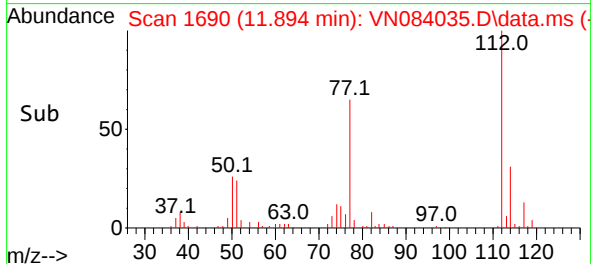
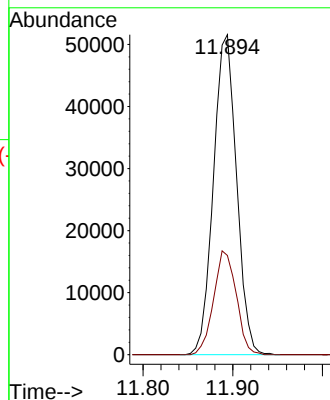
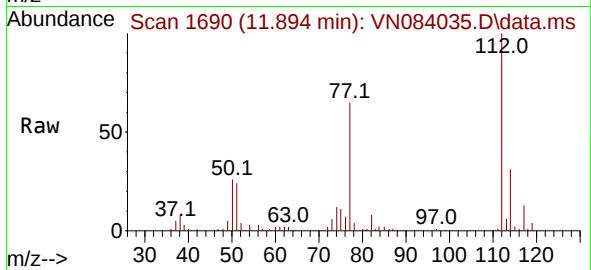
VN0919WBSD01

Tgt Ion:112 Resp: 92181

Ion Ratio Lower Upper

112 100

114 31.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.426 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

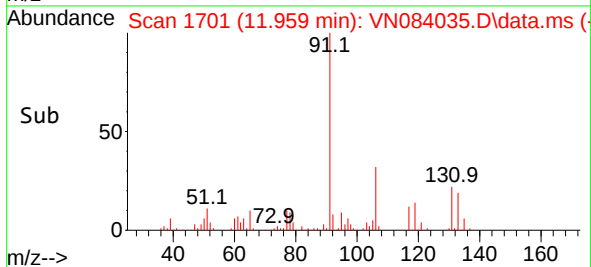
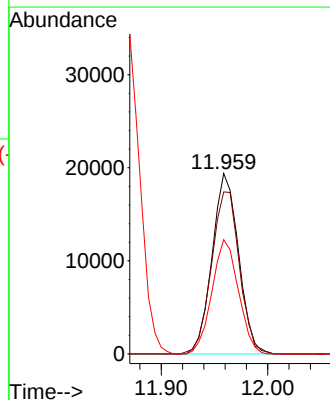
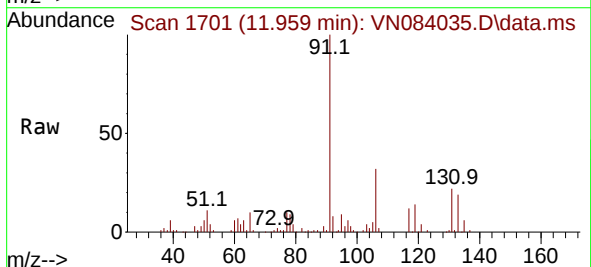
Tgt Ion:131 Resp: 33347

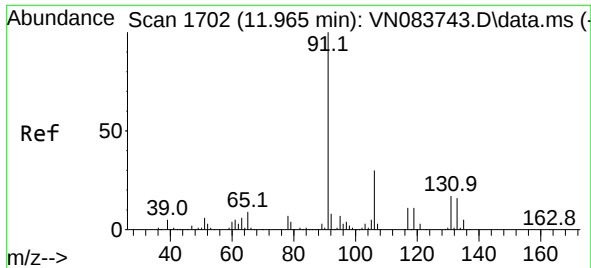
Ion Ratio Lower Upper

131 100

133 95.0 47.5 142.6

119 63.5 31.6 94.8

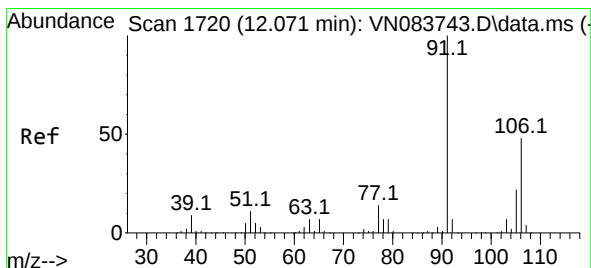
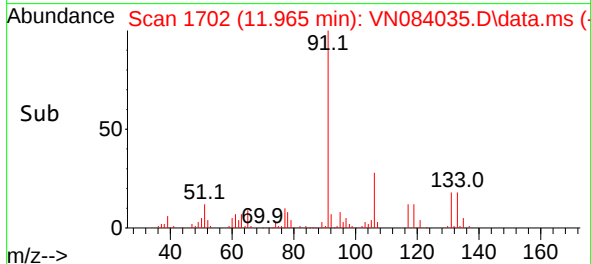
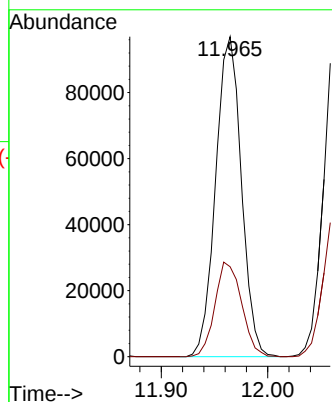
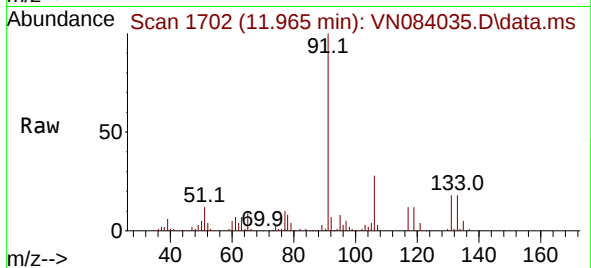




#67
Ethyl Benzene
Concen: 19.404 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

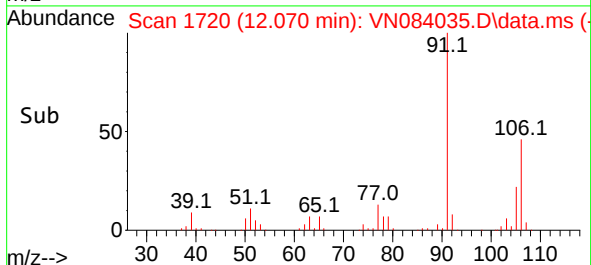
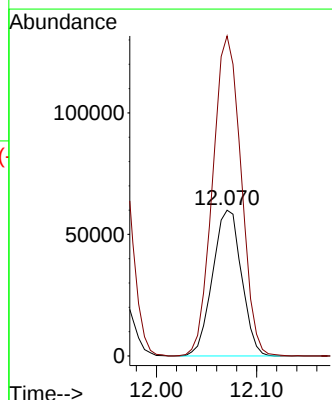
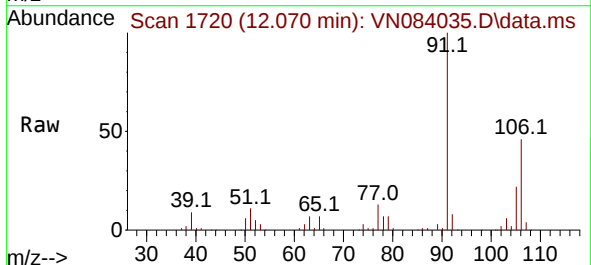
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

Tgt Ion: 91 Resp: 162327
Ion Ratio Lower Upper
91 100
106 28.1 24.3 36.5



#68
m/p-Xylenes
Concen: 38.685 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion:106 Resp: 120151
Ion Ratio Lower Upper
106 100
91 216.1 169.2 253.8

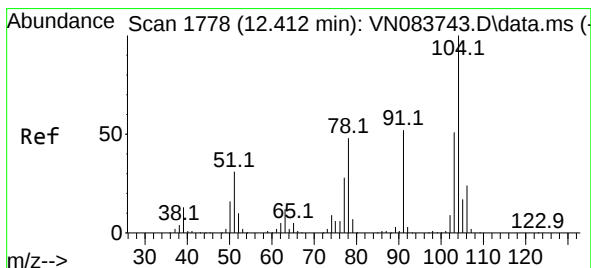
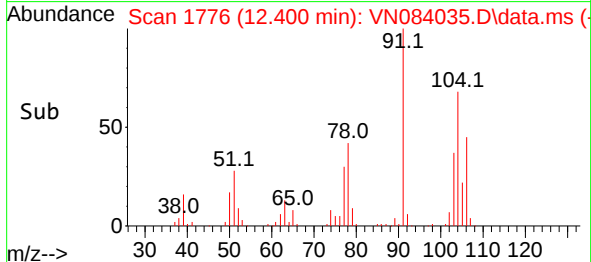
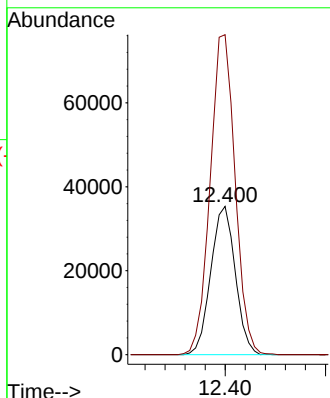
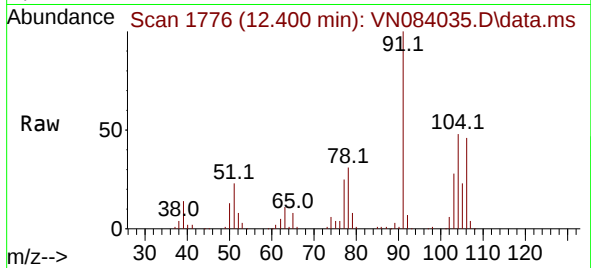




#69
o-Xylene
Concen: 19.894 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

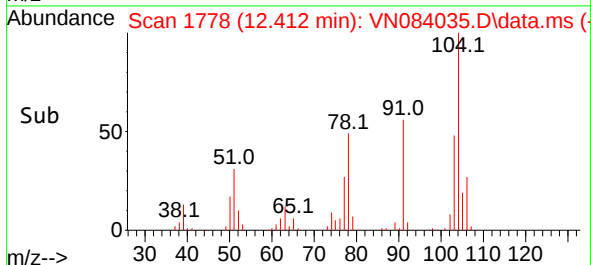
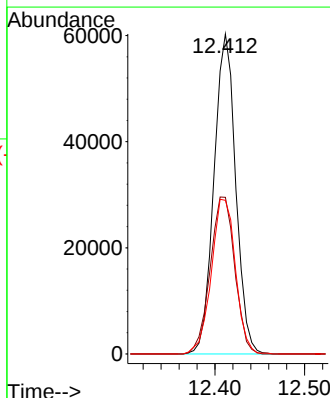
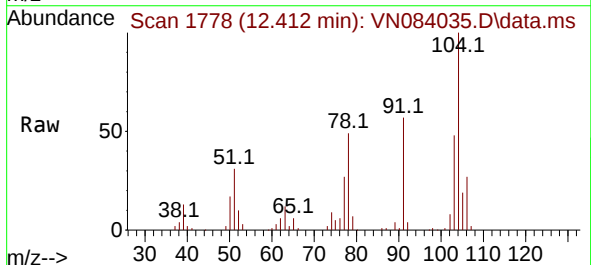
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

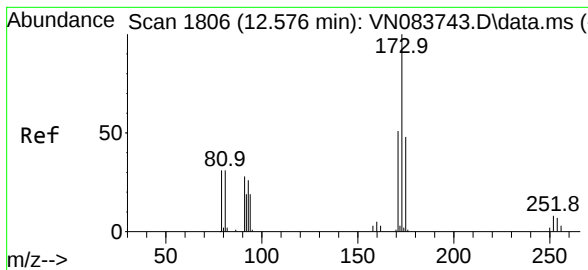
Tgt Ion:106 Resp: 59816
Ion Ratio Lower Upper
106 100
91 219.8 112.9 338.6



#70
Styrene
Concen: 20.531 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion:104 Resp: 101308
Ion Ratio Lower Upper
104 100
78 55.4 43.3 64.9
103 53.7 43.4 65.2





#71

Bromoform

Concen: 23.691 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

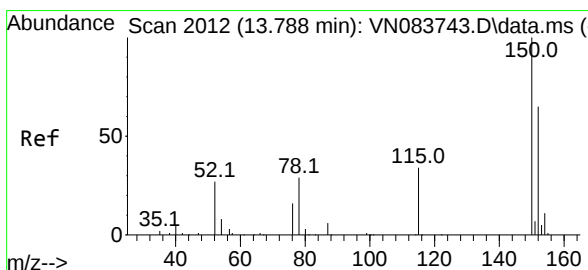
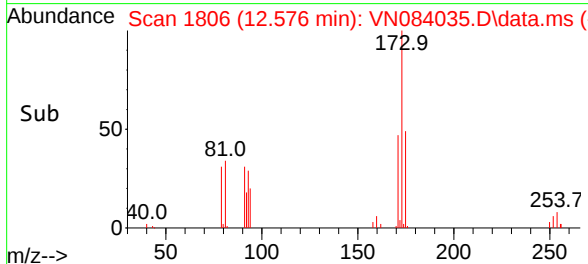
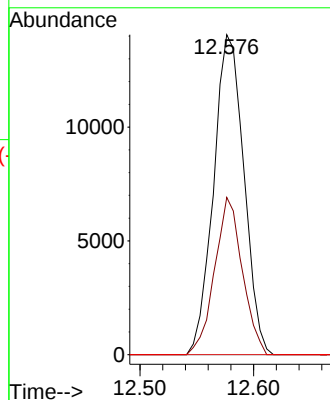
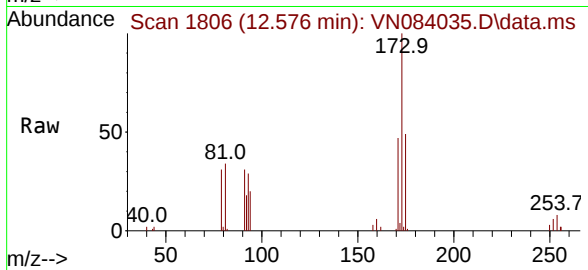
Tgt Ion:173 Resp: 26063

Ion Ratio Lower Upper

173 100

175 45.0 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

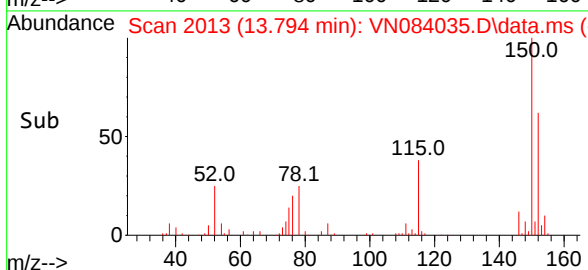
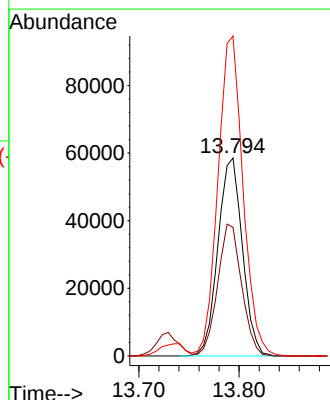
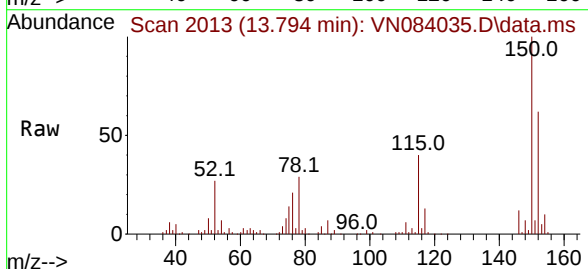
Tgt Ion:152 Resp: 99185

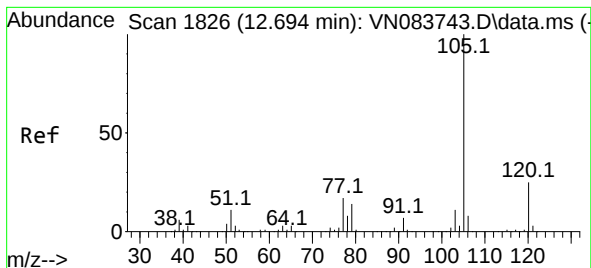
Ion Ratio Lower Upper

152 100

115 65.1 32.2 96.6

150 166.0 0.0 348.6





#73

Isopropylbenzene

Concen: 19.743 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

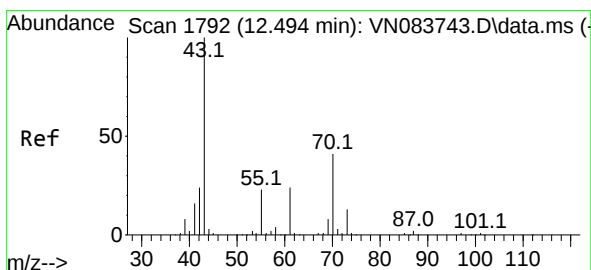
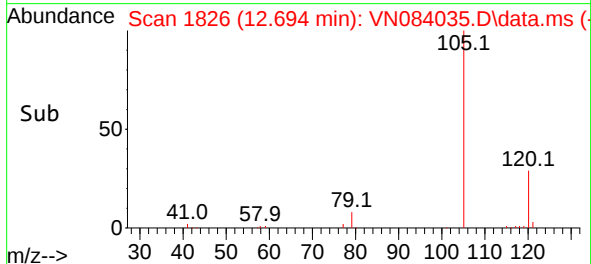
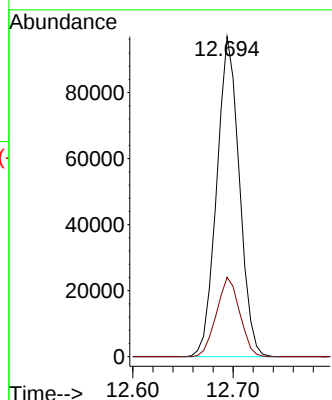
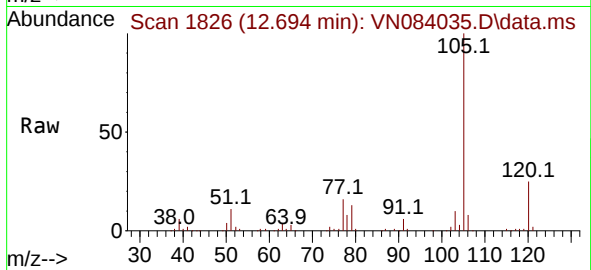
VN0919WBSD01

Tgt Ion:105 Resp: 151496

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.8



#74

N-ethyl acetate

Concen: 23.694 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Tgt Ion: 43 Resp: 77573

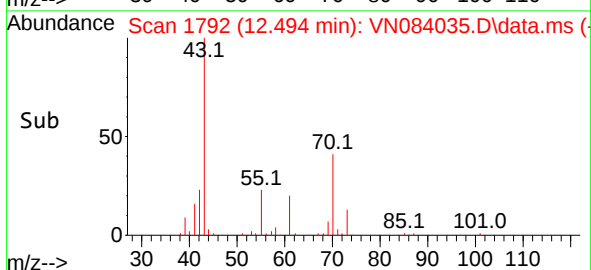
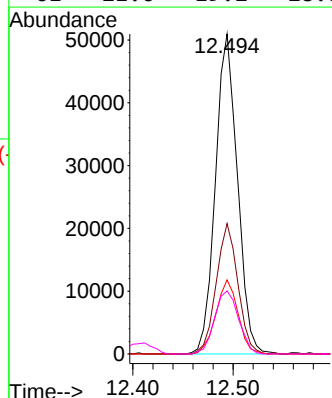
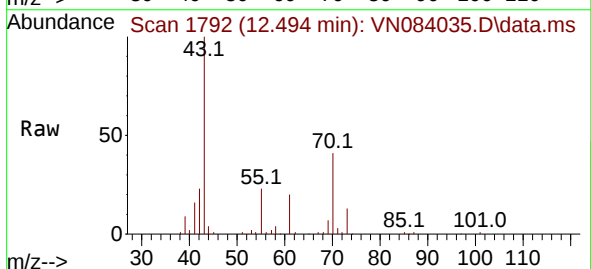
Ion Ratio Lower Upper

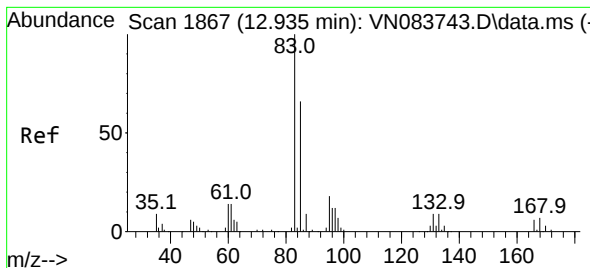
43 100

70 40.1 34.5 51.7

55 23.3 18.6 28.0

61 21.6 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.332 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

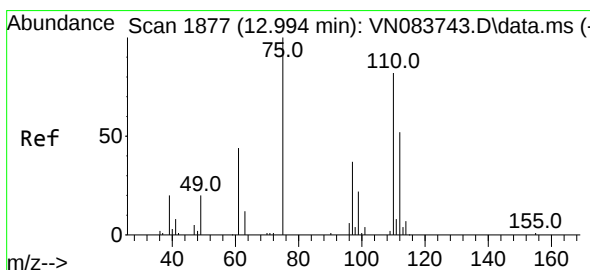
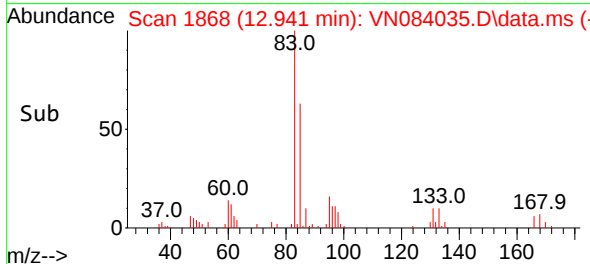
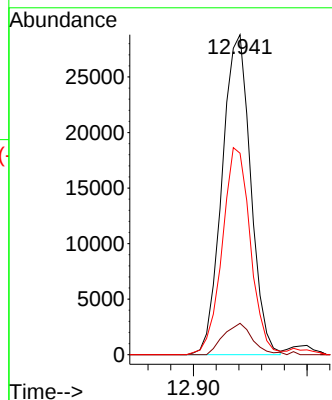
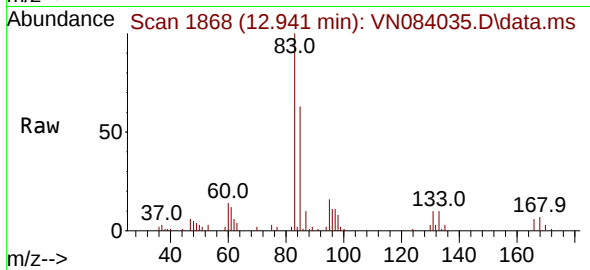
Tgt Ion: 83 Resp: 50351

Ion Ratio Lower Upper

83 100

131 9.9 5.2 15.6

85 63.8 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 32.568 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN084035.D

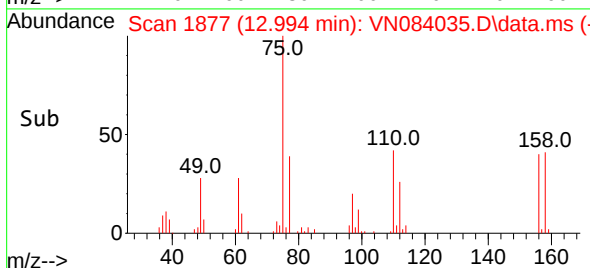
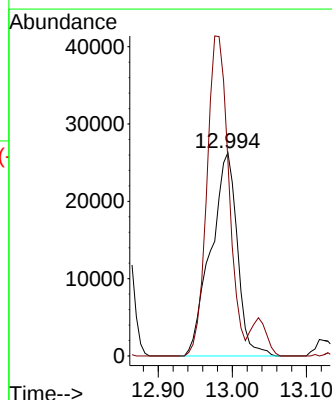
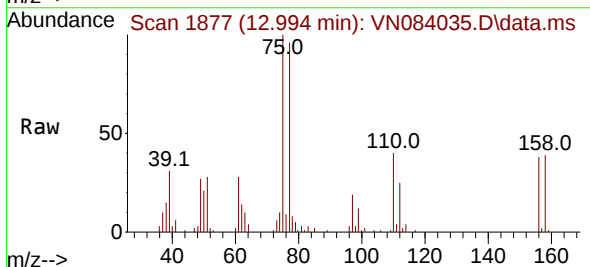
Acq: 19 Sep 2024 15:39

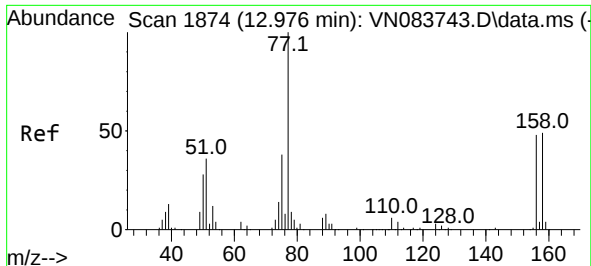
Tgt Ion: 75 Resp: 65180

Ion Ratio Lower Upper

75 100

77 130.0 95.2 285.6

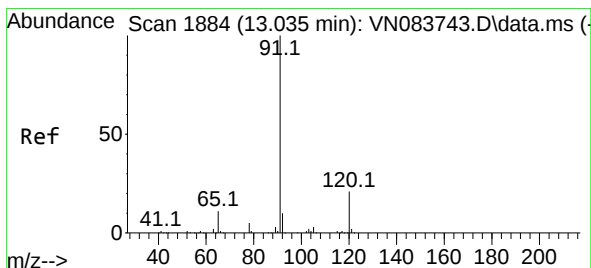
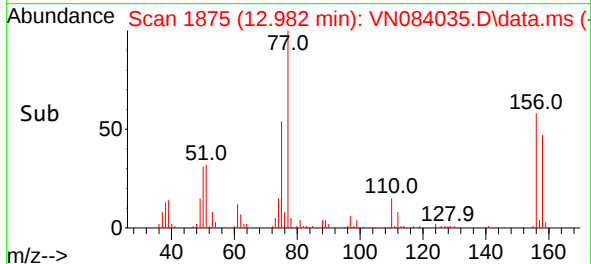
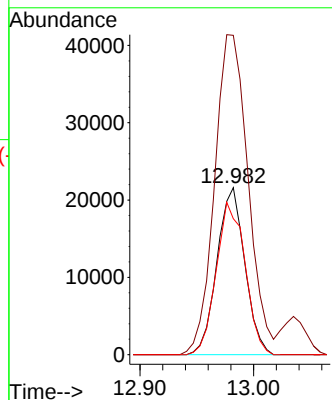
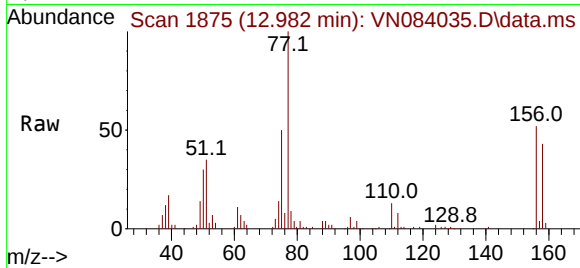




#77
Bromobenzene
Concen: 19.860 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

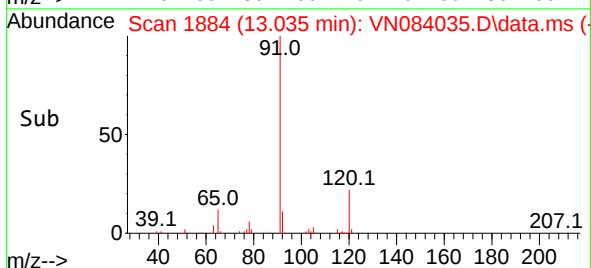
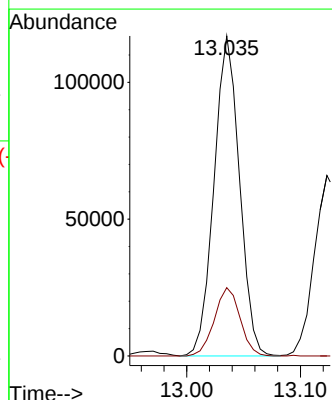
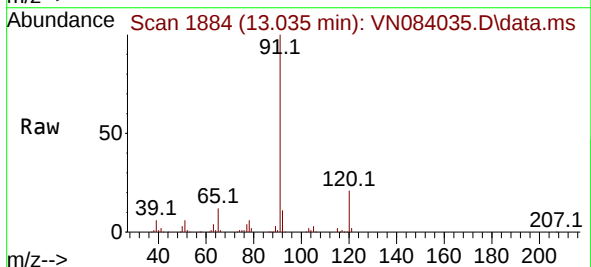
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

Tgt Ion:156 Resp: 36684
Ion Ratio Lower Upper
156 100
77 231.0 114.3 343.1
158 94.7 48.9 146.7



#78
n-propylbenzene
Concen: 20.391 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 91 Resp: 182059
Ion Ratio Lower Upper
91 100
120 21.5 11.0 33.0

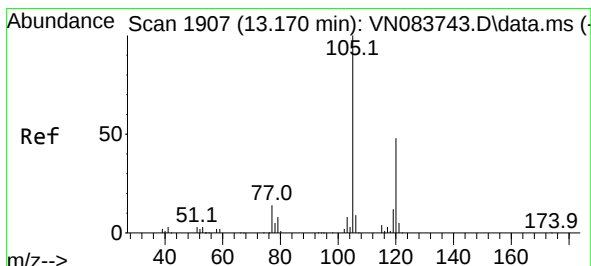
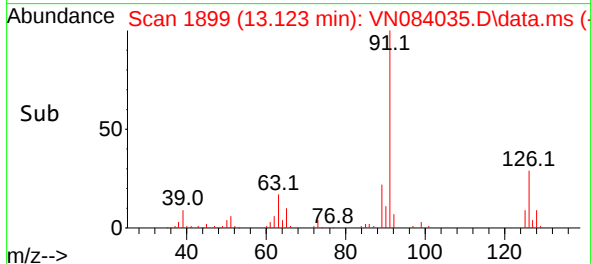
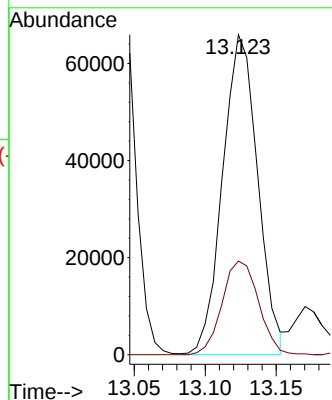
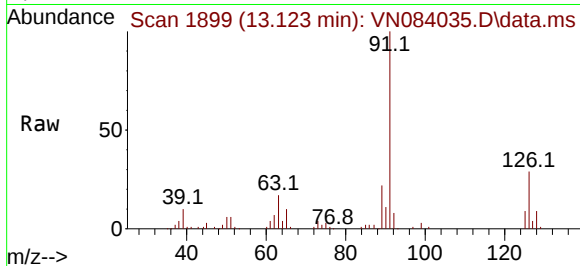




#79
2-Chlorotoluene
Concen: 19.879 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

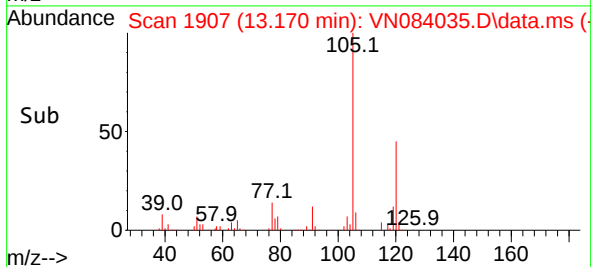
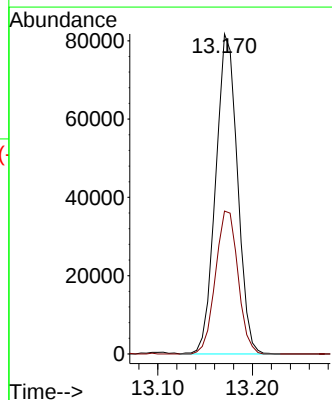
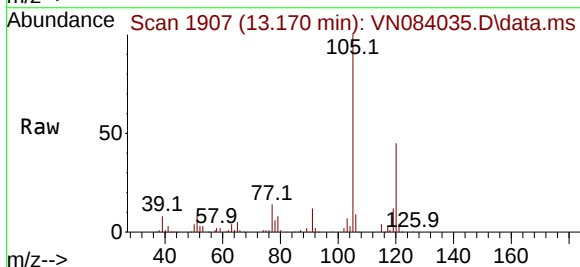
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

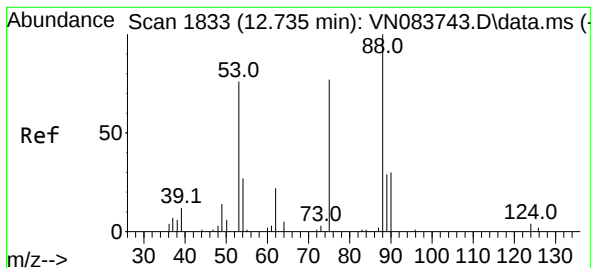
Tgt Ion: 91 Resp: 113189
Ion Ratio Lower Upper
91 100
126 30.4 15.4 46.2



#80
1,3,5-Trimethylbenzene
Concen: 20.213 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion:105 Resp: 130771
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.3

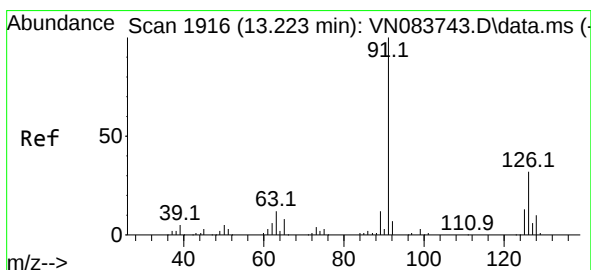
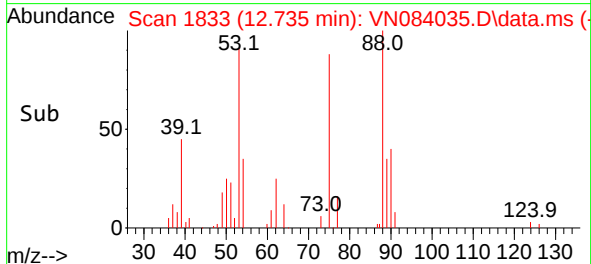
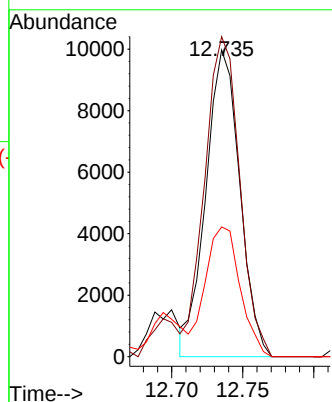
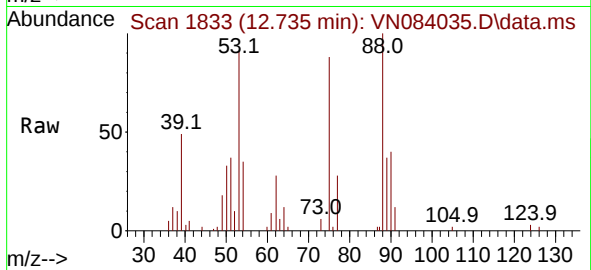




#81
trans-1,4-Dichloro-2-butene
Concen: 21.710 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

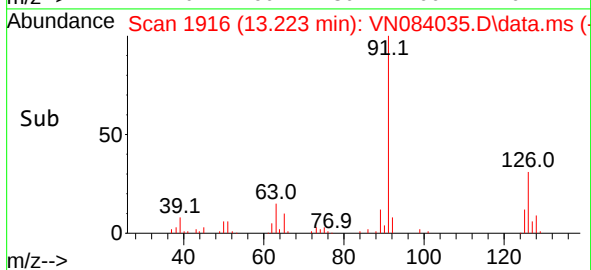
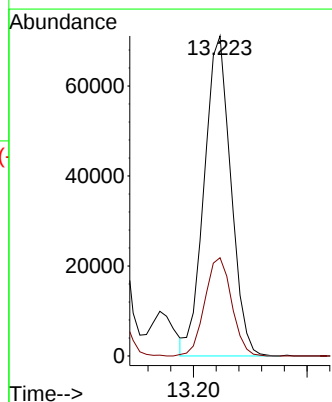
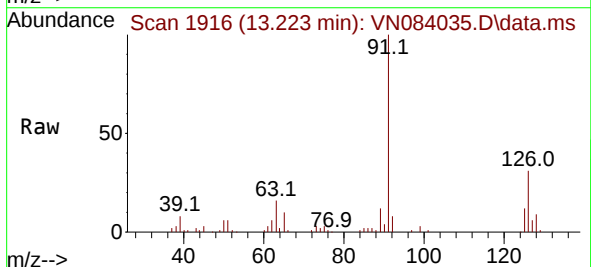
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

Tgt Ion: 75 Resp: 16590
Ion Ratio Lower Upper
75 100
53 107.5 81.2 121.8
89 43.3 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.249 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 91 Resp: 115706
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.2





#83

tert-Butylbenzene

Concen: 19.452 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

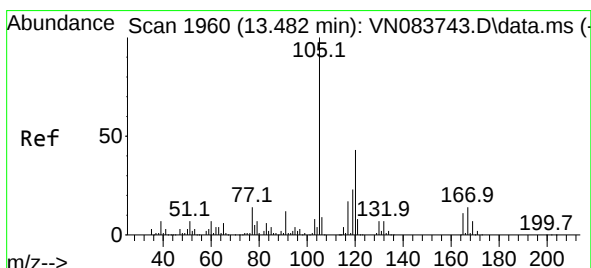
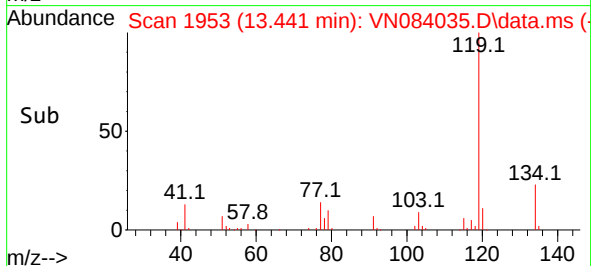
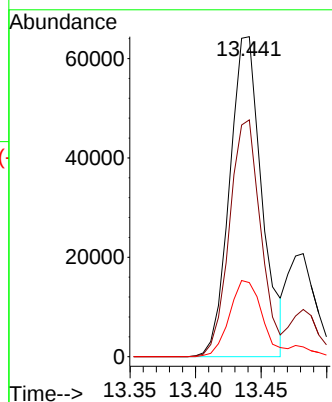
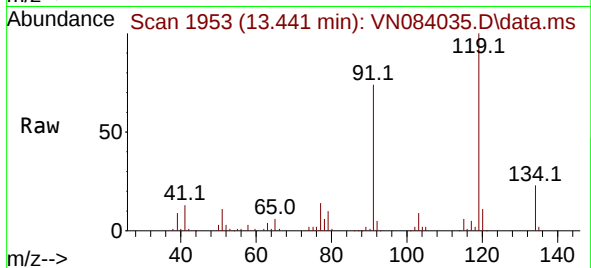
Tgt Ion:119 Resp: 110099

Ion Ratio Lower Upper

119 100

91 72.0 34.5 103.6

134 24.4 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 20.179 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN084035.D

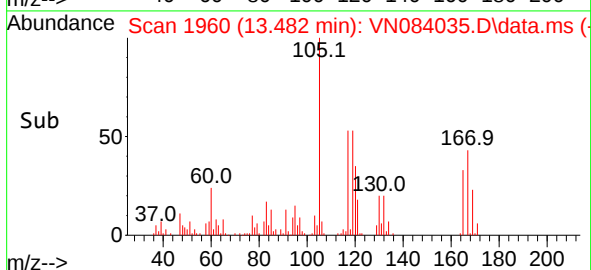
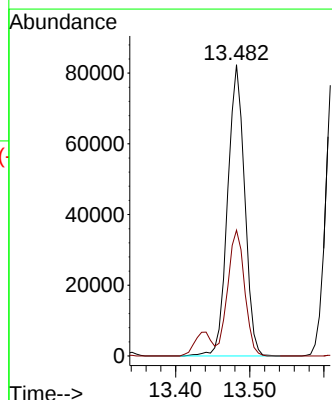
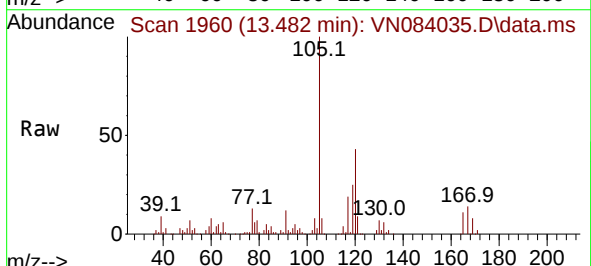
Acq: 19 Sep 2024 15:39

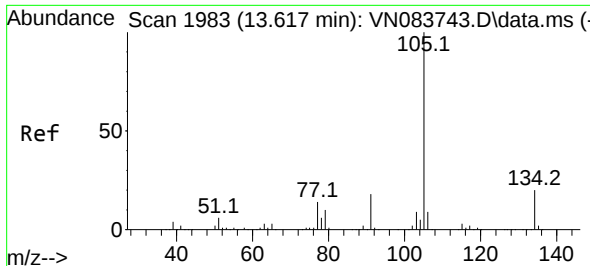
Tgt Ion:105 Resp: 131139

Ion Ratio Lower Upper

105 100

120 42.9 21.8 65.4

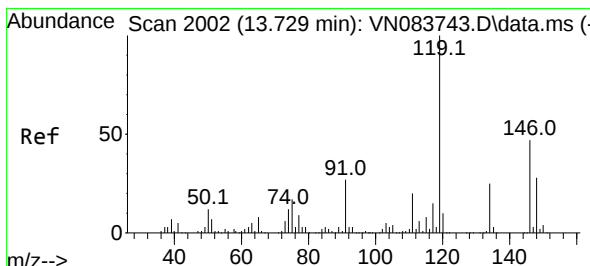
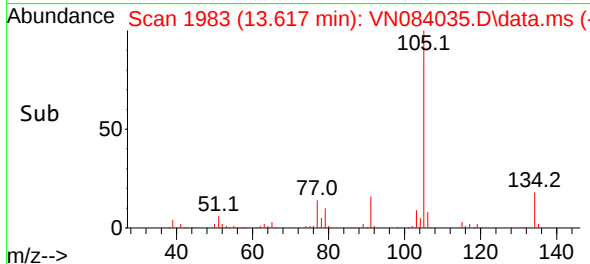
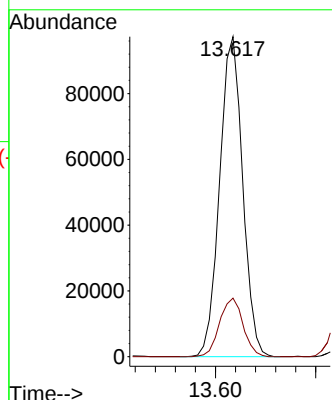
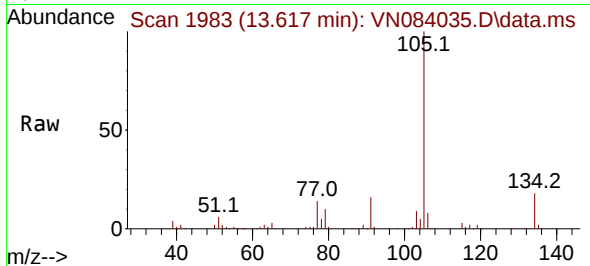




#85
 sec-Butylbenzene
 Concen: 20.596 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084035.D
 Acq: 19 Sep 2024 15:39

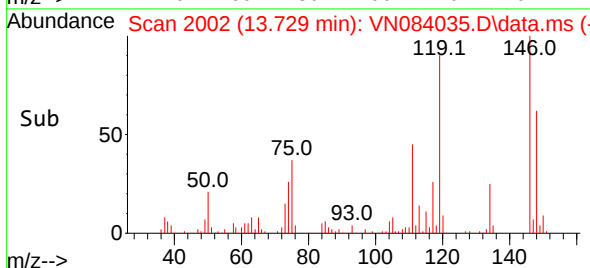
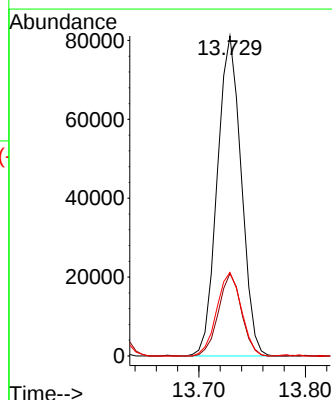
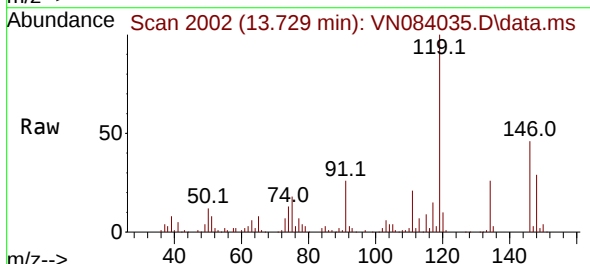
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBSD01

Tgt Ion:105 Resp: 154606
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 20.108 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084035.D
 Acq: 19 Sep 2024 15:39

Tgt Ion:119 Resp: 126531
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.8 38.3
 91 26.7 12.9 38.7

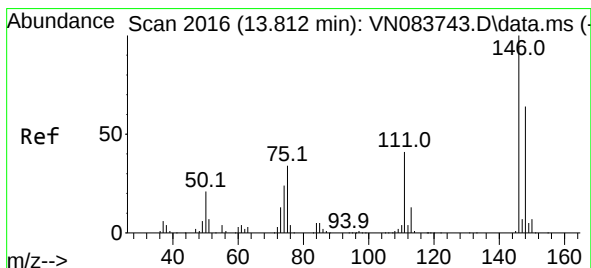
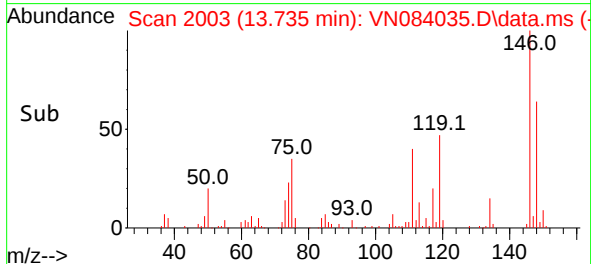
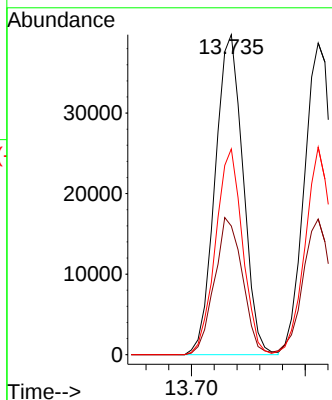
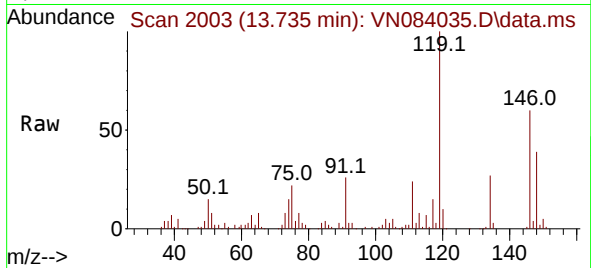




#87
 1,3-Dichlorobenzene
 Concen: 19.495 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN084035.D
 Acq: 19 Sep 2024 15:39

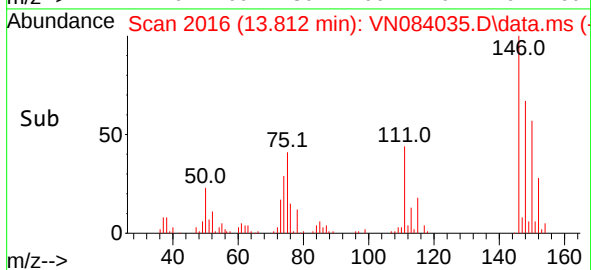
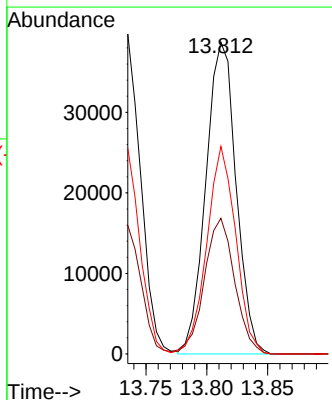
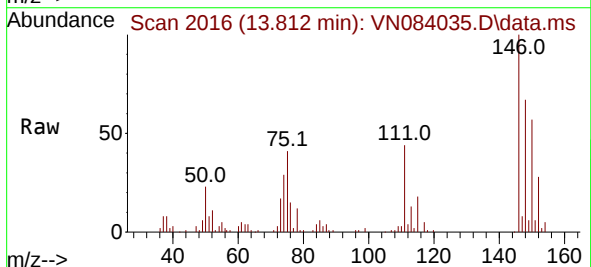
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBSD01

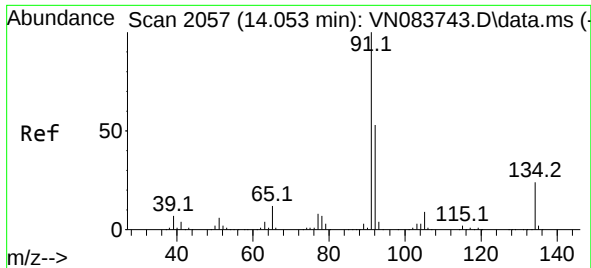
Tgt Ion:146 Resp: 67960
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.7 65.1
 148 62.0 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.009 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN084035.D
 Acq: 19 Sep 2024 15:39

Tgt Ion:146 Resp: 67099
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.3 64.0
 148 63.7 32.0 96.2

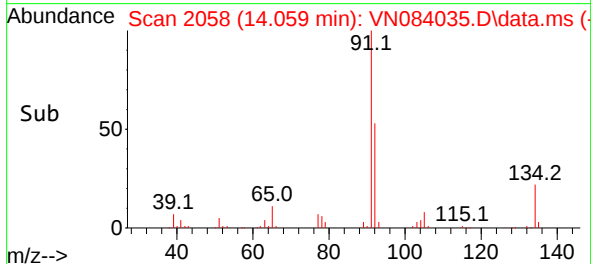
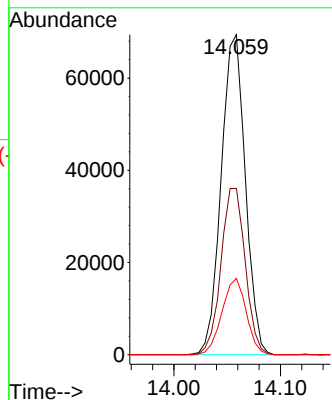
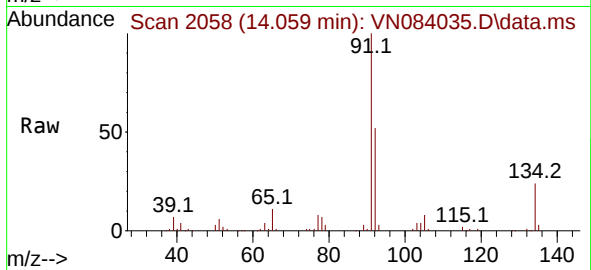




#89
n-Butylbenzene
Concen: 19.330 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

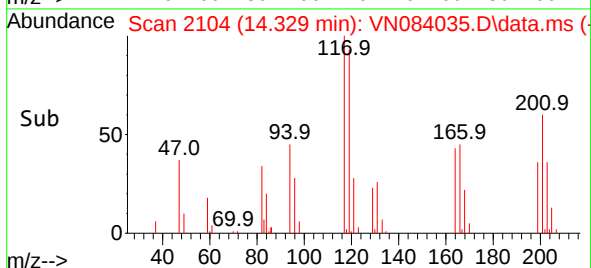
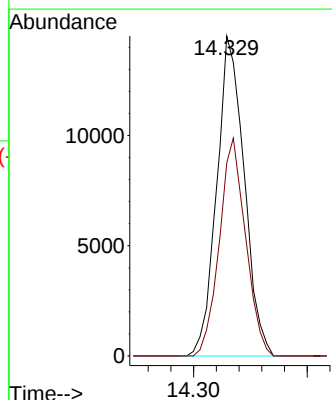
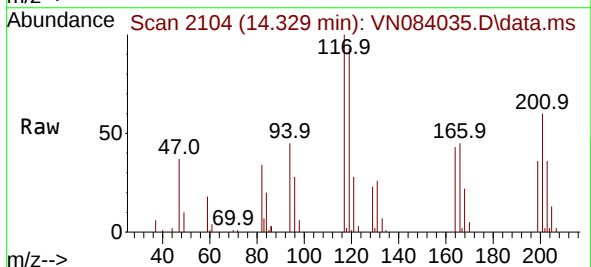
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

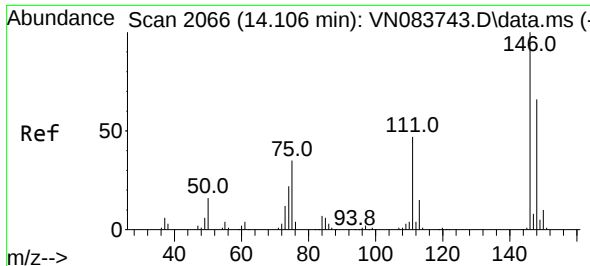
Tgt Ion: 91 Resp: 109212
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.1
134 24.0 12.2 36.4



#90
Hexachloroethane
Concen: 19.235 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 117 Resp: 24331
Ion Ratio Lower Upper
117 100
201 64.9 32.8 98.3

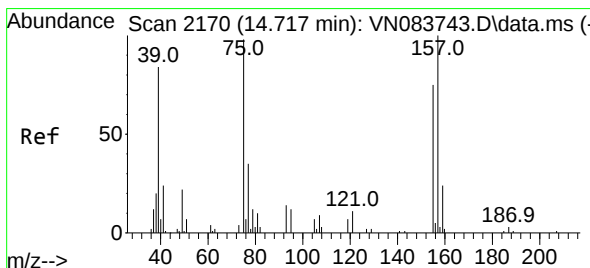
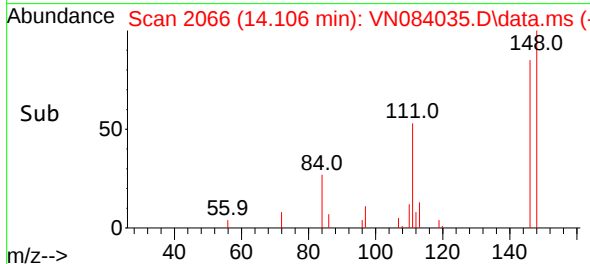
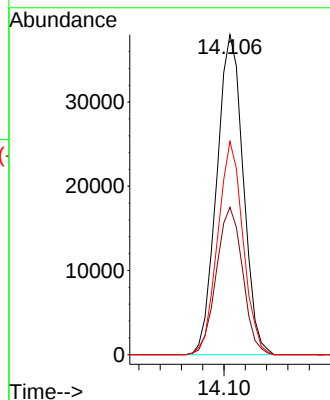
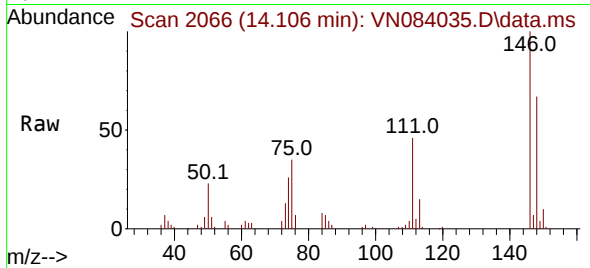




#91
1,2-Dichlorobenzene
Concen: 19.458 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

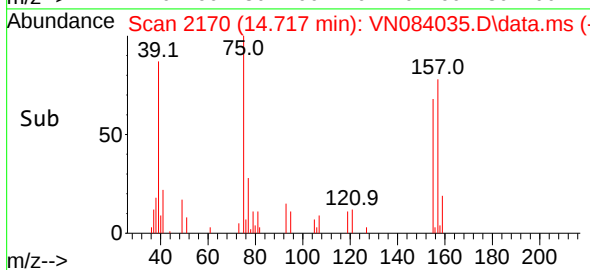
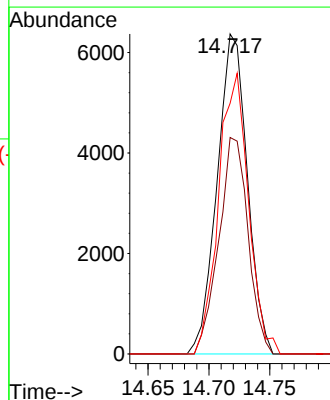
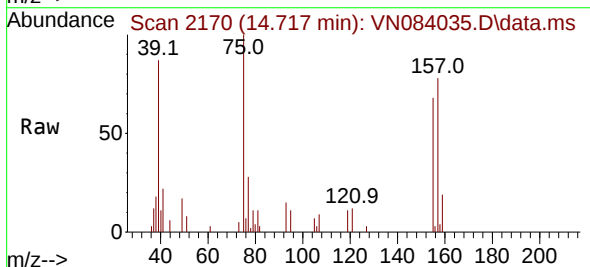
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

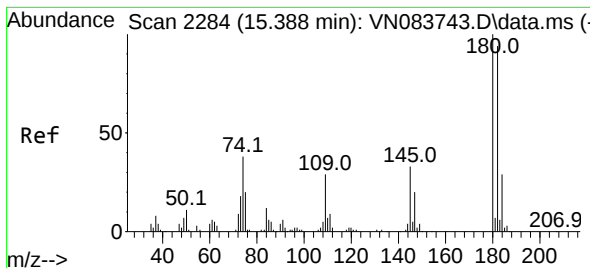
Tgt Ion:146 Resp: 65462
Ion Ratio Lower Upper
146 100
111 45.8 22.8 68.3
148 63.9 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.488 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084035.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 75 Resp: 11006
Ion Ratio Lower Upper
75 100
155 65.5 35.9 107.7
157 86.8 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 18.050 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

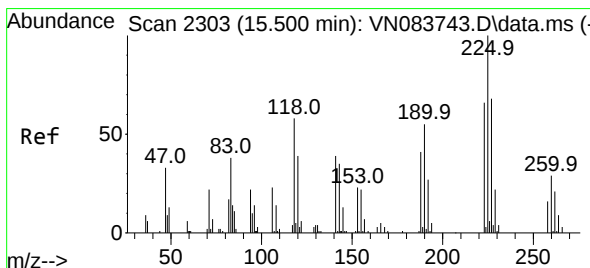
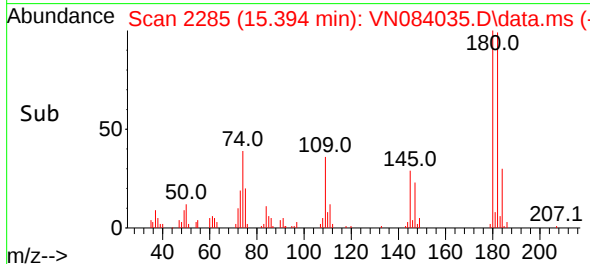
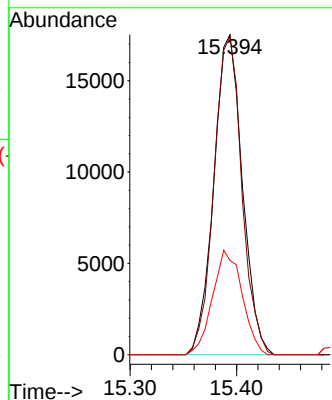
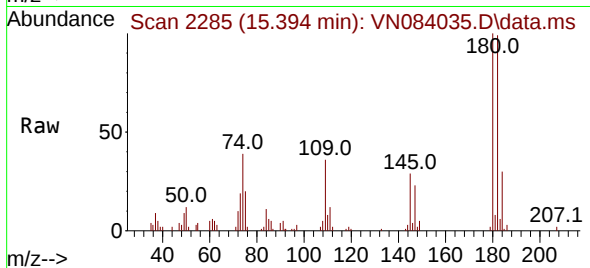
Tgt Ion:180 Resp: 32587

Ion Ratio Lower Upper

180 100

182 97.1 48.1 144.3

145 33.8 16.9 50.7



#94

Hexachlorobutadiene

Concen: 18.345 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

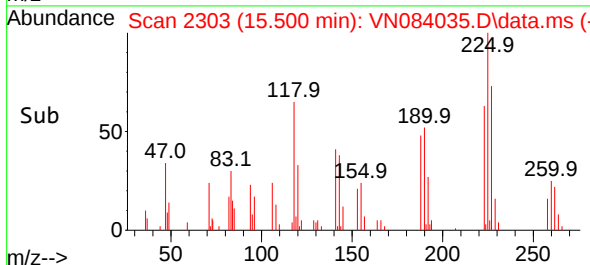
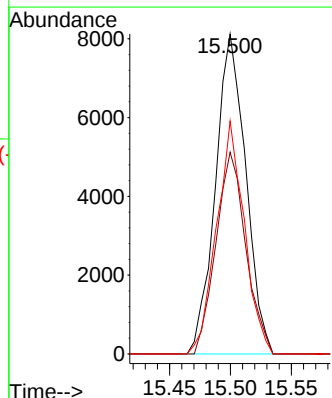
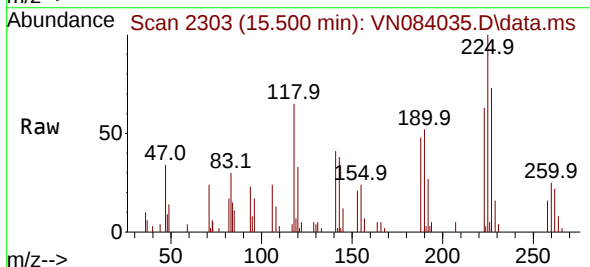
Tgt Ion:225 Resp: 14065

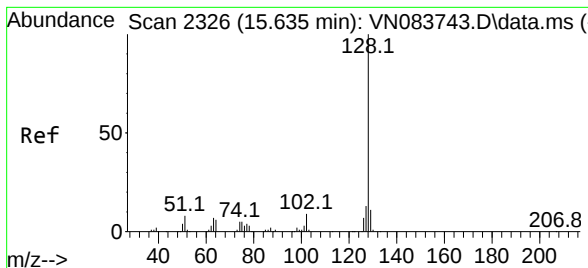
Ion Ratio Lower Upper

225 100

223 62.2 31.9 95.5

227 66.8 32.0 96.2





#95

Naphthalene

Concen: 20.217 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

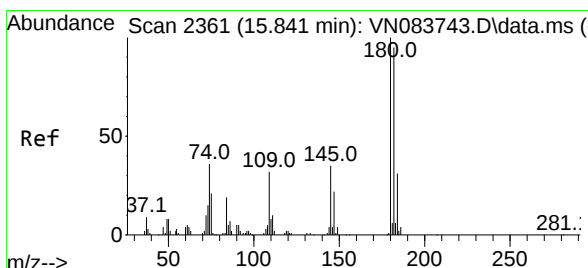
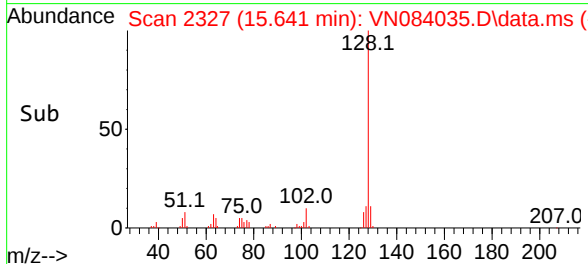
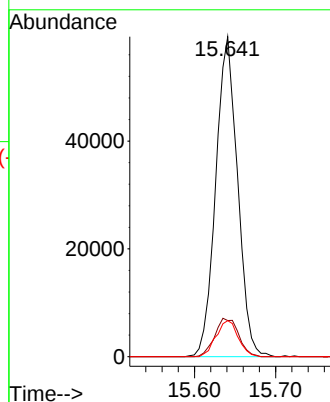
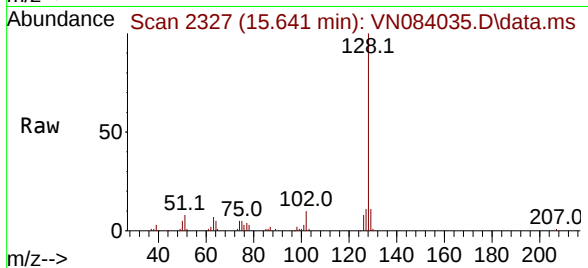
Tgt Ion:128 Resp: 111041

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.086 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN084035.D

Acq: 19 Sep 2024 15:39

Tgt Ion:180 Resp: 32931

Ion Ratio Lower Upper

180 100

182 94.5 47.1 141.4

145 37.7 17.8 53.5

