

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083521.D
 Acq On : 27 Aug 2024 19:56
 Operator : JC\MD
 Sample : VN0827WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 28 01:52:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	127156	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	227748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	203963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114071	63.025	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 126.060%#	
35) Dibromofluoromethane	8.165	113	81905	57.617	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.240%	
50) Toluene-d8	10.565	98	292305	55.123	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.240%	
62) 4-Bromofluorobenzene	12.847	95	121089	58.573	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 117.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.118	85	23259	16.130	ug/l	93
3) Chloromethane	2.359	50	29059	19.684	ug/l	98
4) Vinyl Chloride	2.512	62	30152	20.016	ug/l	96
5) Bromomethane	2.901	94	15120	16.176	ug/l	92
6) Chloroethane	3.053	64	20782	22.051	ug/l	96
7) Trichlorofluoromethane	3.453	101	54972	22.090	ug/l	87
8) Diethyl Ether	3.953	74	20120	21.728	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.353	101	29414	21.439	ug/l	99
10) Methyl Iodide	4.571	142	38074	21.096	ug/l	# 89
11) Tert butyl alcohol	5.547	59	38309	101.849	ug/l	97
12) 1,1-Dichloroethene	4.324	96	28646	20.323	ug/l	84
13) Acrolein	4.171	56	26618	108.581	ug/l	98
14) Allyl chloride	5.006	41	52767	19.810	ug/l	90
15) Acrylonitrile	5.724	53	86171	111.393	ug/l	99
16) Acetone	4.436	43	72537	102.422	ug/l	99
17) Carbon Disulfide	4.689	76	69279	16.797	ug/l	97
18) Methyl Acetate	5.018	43	55756	26.424	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	112036	22.021	ug/l	98
20) Methylene Chloride	5.265	84	33947	20.827	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	29318	20.124	ug/l	85
22) Diisopropyl ether	6.671	45	107986	21.567	ug/l	# 95
23) Vinyl Acetate	6.600	43	583212	113.640	ug/l	97
24) 1,1-Dichloroethane	6.565	63	61166	22.412	ug/l	97
25) 2-Butanone	7.483	43	117370	107.932	ug/l	# 88
26) 2,2-Dichloropropane	7.488	77	40277	15.891	ug/l	95
27) cis-1,2-Dichloroethene	7.483	96	37301	21.218	ug/l	92
28) Bromochloromethane	7.812	49	28436	25.496	ug/l	92
29) Tetrahydrofuran	7.841	42	78319	111.413	ug/l	# 88
30) Chloroform	7.965	83	65164	22.982	ug/l	97
31) Cyclohexane	8.247	56	53099	19.797	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	61340	22.855	ug/l	94
36) 1,1-Dichloropropene	8.371	75	42368	19.702	ug/l	98
37) Ethyl Acetate	7.565	43	50910	21.144	ug/l	# 94
38) Carbon Tetrachloride	8.359	117	49781	20.553	ug/l	97
39) Methylcyclohexane	9.600	83	49644	18.796	ug/l	97
40) Benzene	8.606	78	138235	21.578	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27391	20.008	ug/l	93
42) 1,2-Dichloroethane	8.671	62	52866	22.654	ug/l	100
43) Isopropyl Acetate	8.688	43	239249	57.867	ug/l #	77
44) Trichloroethene	9.353	130	30839	20.225	ug/l	94
45) 1,2-Dichloropropane	9.618	63	33851	22.261	ug/l	98
46) Dibromomethane	9.706	93	24815	22.799	ug/l	98
47) Bromodichloromethane	9.888	83	52863	21.630	ug/l	99
48) Methyl methacrylate	9.682	41	41618	20.907	ug/l	93
49) 1,4-Dioxane	9.700	88	15178	422.640	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	250327	109.944	ug/l	94
52) Toluene	10.629	92	86782	21.440	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	50357	20.059	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	52919	19.819	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	33146	22.851	ug/l	93
56) Ethyl methacrylate	10.876	69	56623	20.706	ug/l	89
57) 1,3-Dichloropropane	11.165	76	57157	22.107	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	122169	105.692	ug/l	97
59) 2-Hexanone	11.194	43	192015	109.009	ug/l	95
60) Dibromochloromethane	11.359	129	37866	21.591	ug/l	98
61) 1,2-Dibromoethane	11.471	107	32498	21.327	ug/l	100
64) Tetrachloroethene	11.106	164	26888	19.905	ug/l	97
65) Chlorobenzene	11.894	112	87627	19.441	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	33308	20.953	ug/l	99
67) Ethyl Benzene	11.965	91	160525	19.414	ug/l	99
68) m/p-Xylenes	12.071	106	118391	38.223	ug/l	97
69) o-Xylene	12.400	106	59882	19.602	ug/l	100
70) Styrene	12.412	104	98524	19.203	ug/l	99
71) Bromoform	12.582	173	24228	20.118	ug/l #	97
73) Isopropylbenzene	12.694	105	152893	17.269	ug/l	100
74) N-amyl acetate	12.494	43	76584	17.684	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	50283	20.081	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	65378	28.142	ug/l	40
77) Bromobenzene	12.982	156	34653	17.620	ug/l	95
78) n-propylbenzene	13.035	91	170498	16.724	ug/l	100
79) 2-Chlorotoluene	13.129	91	111809	17.299	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	128698	17.363	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	15888	14.877	ug/l	96
82) 4-Chlorotoluene	13.223	91	105420	16.261	ug/l	98
83) tert-Butylbenzene	13.441	119	115492	17.594	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	128800	17.243	ug/l	99
85) sec-Butylbenzene	13.617	105	148676	16.599	ug/l	100
86) p-Isopropyltoluene	13.729	119	123807	16.741	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	62645	16.928	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	63117	16.918	ug/l	97
89) n-Butylbenzene	14.059	91	98843	15.425	ug/l	98
90) Hexachloroethane	14.335	117	25842	18.087	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	67354	18.808	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11556	19.018	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	32709	16.303	ug/l	97
94) Hexachlorobutadiene	15.500	225	14651	16.420	ug/l	97
95) Naphthalene	15.641	128	115314	16.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	32343	16.292	ug/l	96

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Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration

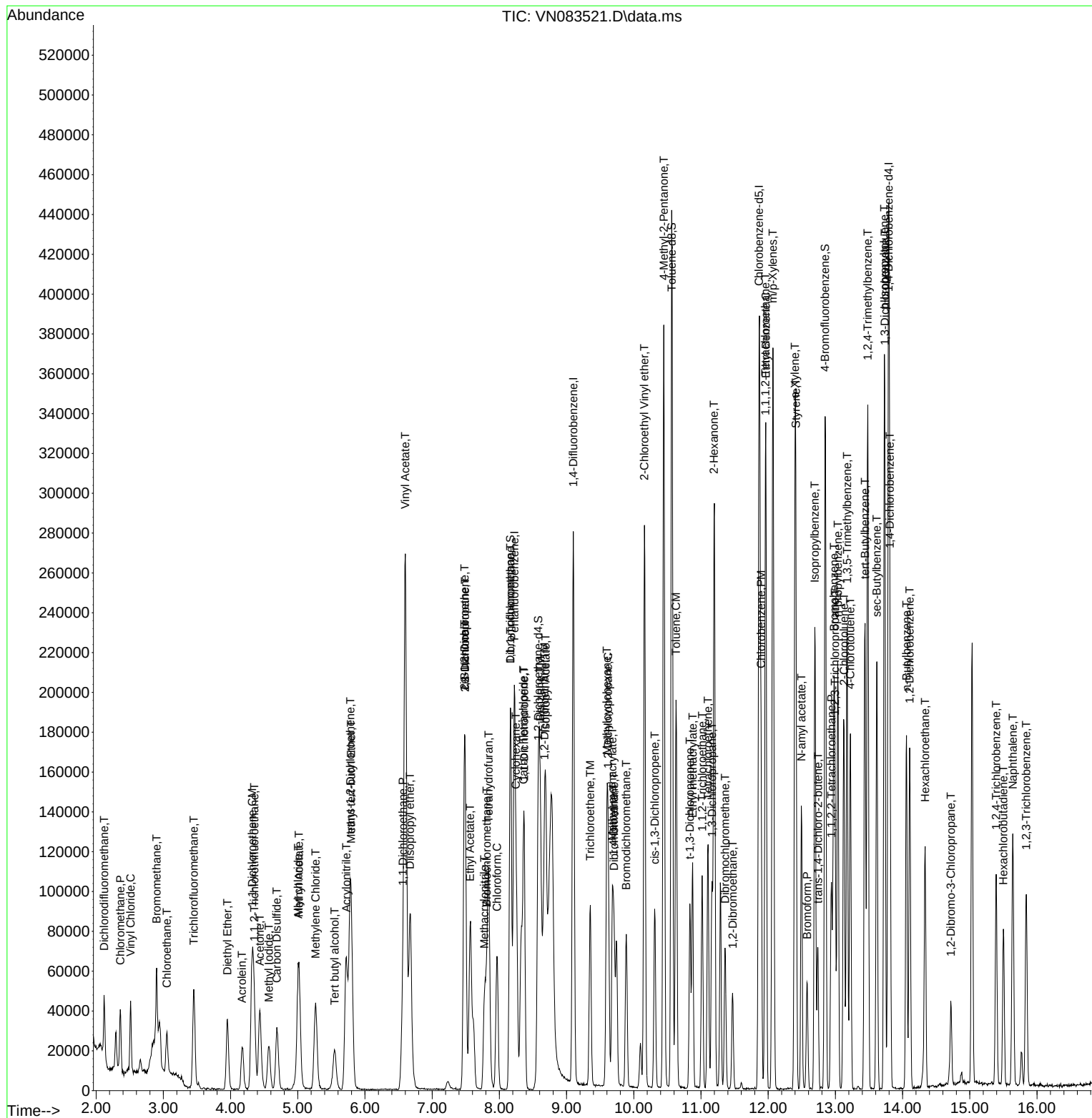
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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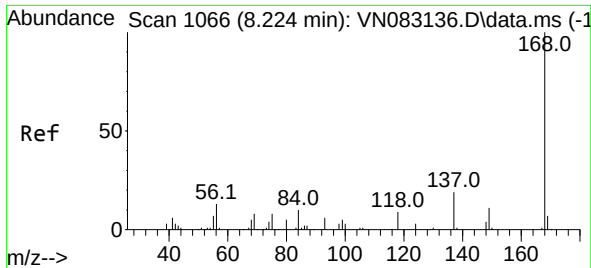
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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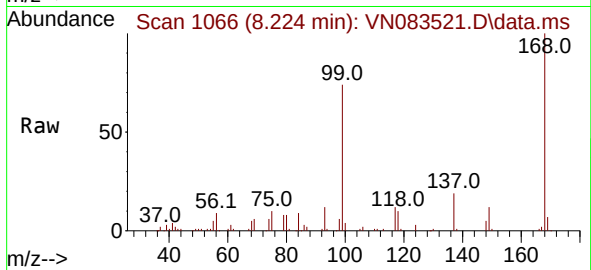
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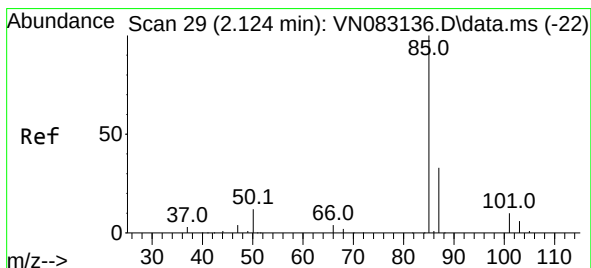
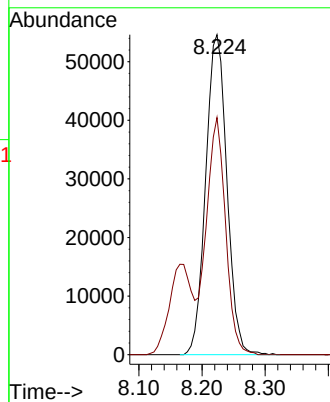
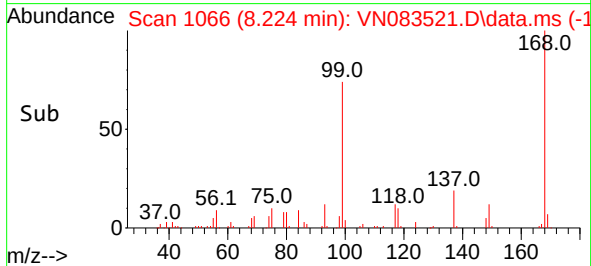


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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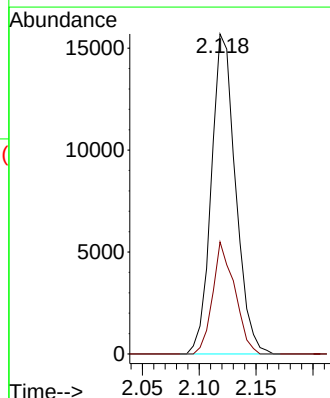
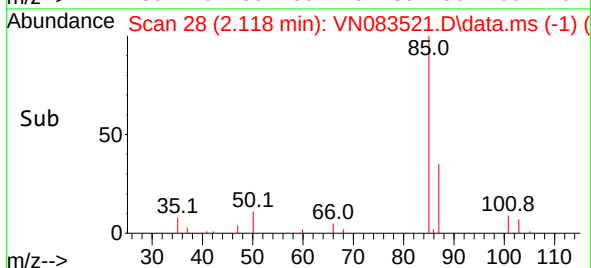
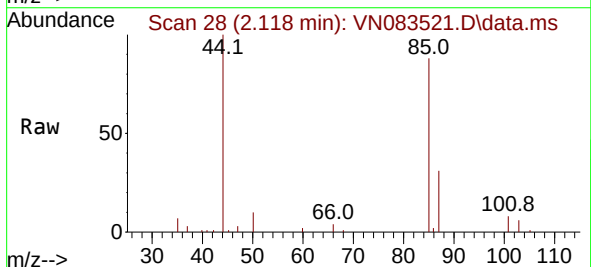


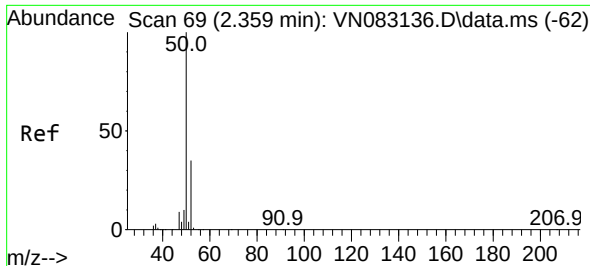
Tgt Ion:168 Resp: 127156
Ion Ratio Lower Upper
168 100
99 74.1 48.2 72.4#



#2
Dichlorodifluoromethane
Concen: 16.130 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

Tgt Ion: 85 Resp: 23259
Ion Ratio Lower Upper
85 100
87 35.0 15.7 47.0

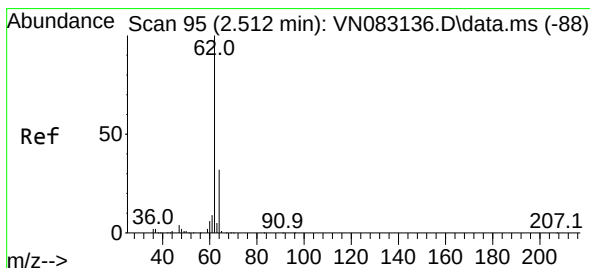
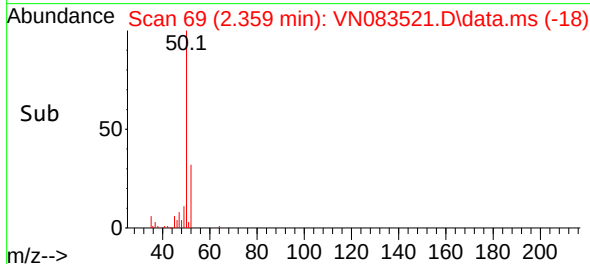
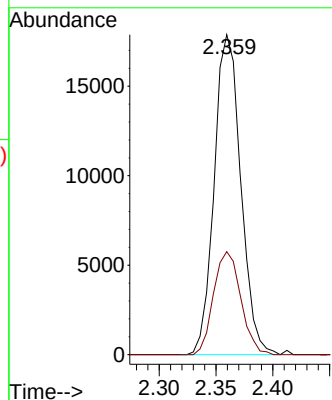
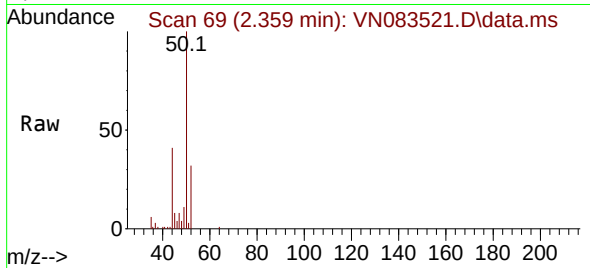




#3
Chloromethane
Concen: 19.684 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

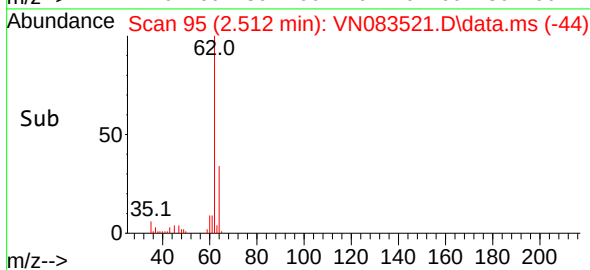
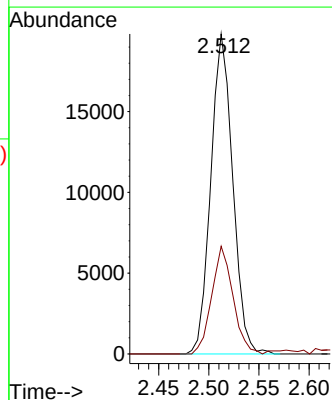
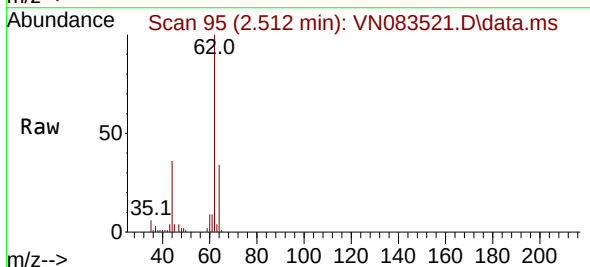
Instrument :
MSVOA_N
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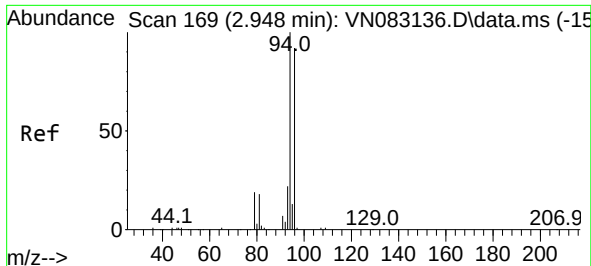
Tgt Ion: 50 Resp: 29059
Ion Ratio Lower Upper
50 100
52 32.2 25.0 37.4



#4
Vinyl Chloride
Concen: 20.016 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

Tgt Ion: 62 Resp: 30152
Ion Ratio Lower Upper
62 100
64 33.7 25.0 37.6

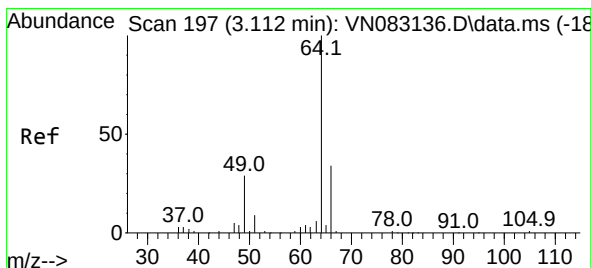
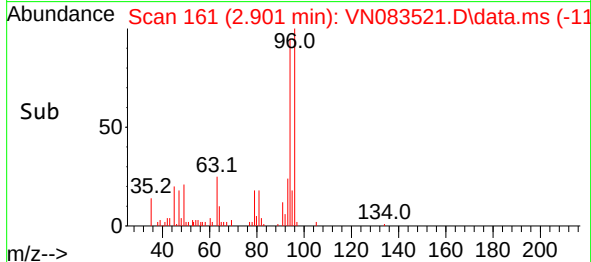
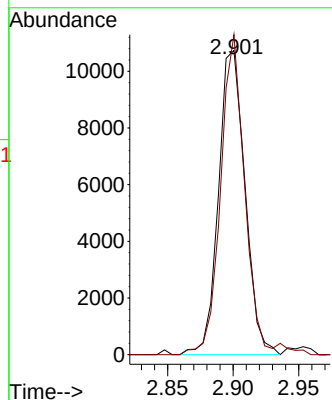
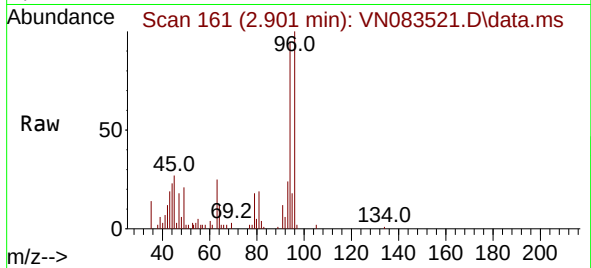




#5
Bromomethane
Concen: 16.176 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN083521.D
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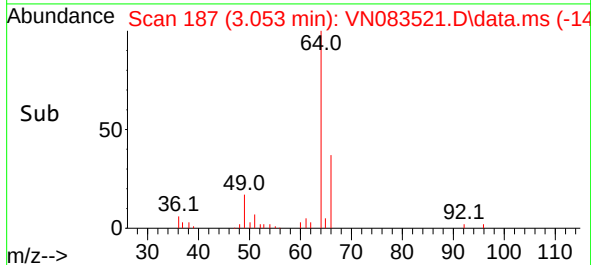
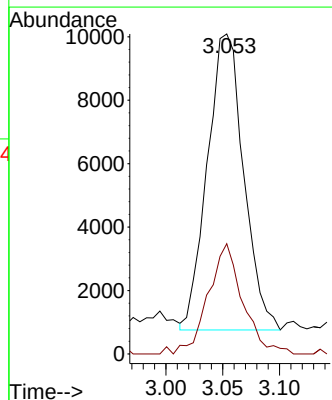
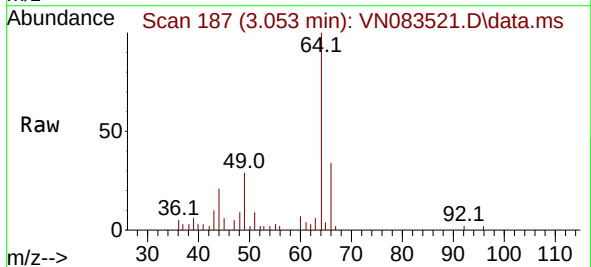
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ClientSampleId :

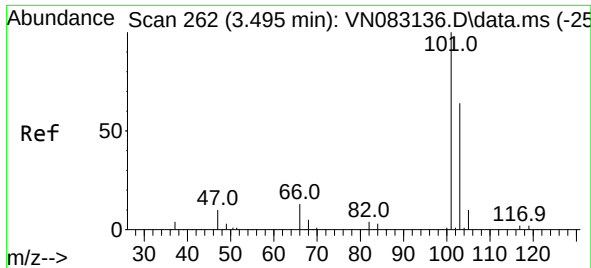
Tgt Ion: 94 Resp: 15120
Ion Ratio Lower Upper
94 100
96 105.2 78.0 117.0



#6
Chloroethane
Concen: 22.051 ug/l
RT: 3.053 min Scan# 187
Delta R.T. -0.059 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

Tgt Ion: 64 Resp: 20782
Ion Ratio Lower Upper
64 100
66 35.4 26.6 40.0

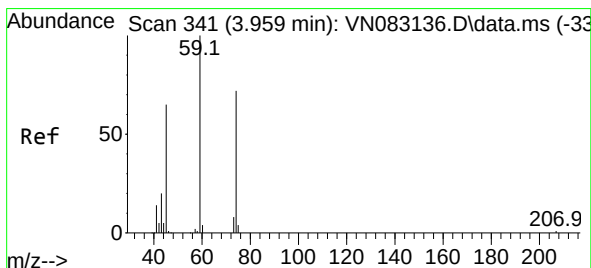
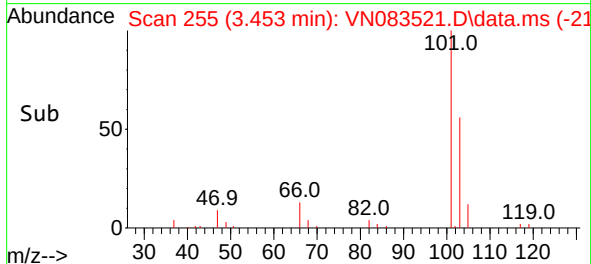
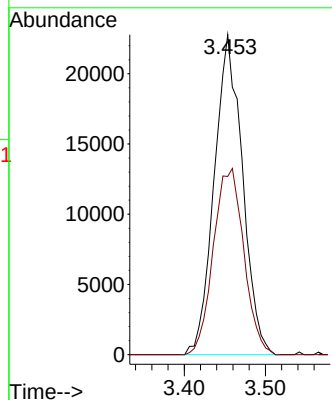
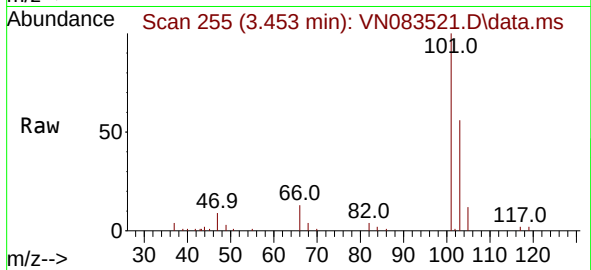




#7
 Trichlorofluoromethane
 Concen: 22.090 ug/l
 RT: 3.453 min Scan# 21
 Delta R.T. -0.042 min
 Lab File: VN083521.D
 Acq: 27 Aug 2024 19:56

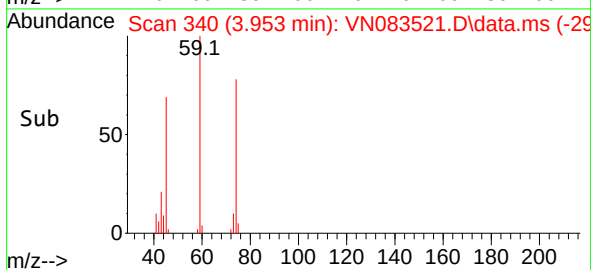
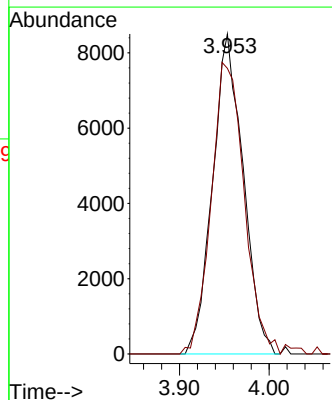
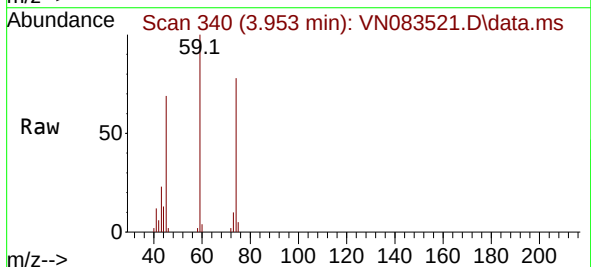
Instrument :
 MSVOA_N
 ClientSampleId :

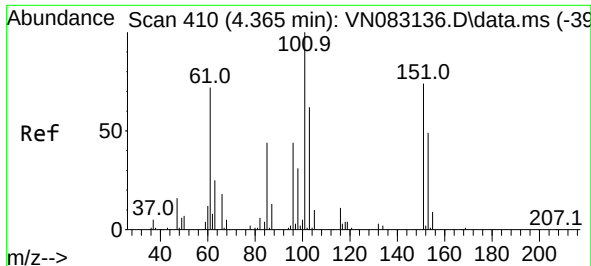
Tgt Ion:101 Resp: 54972
 Ion Ratio Lower Upper
 101 100
 103 55.7 52.7 79.1



#8
 Diethyl Ether
 Concen: 21.728 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN083521.D
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Tgt Ion: 74 Resp: 20120
 Ion Ratio Lower Upper
 74 100
 45 97.9 55.5 166.3

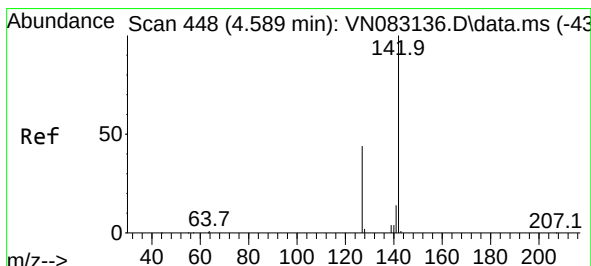
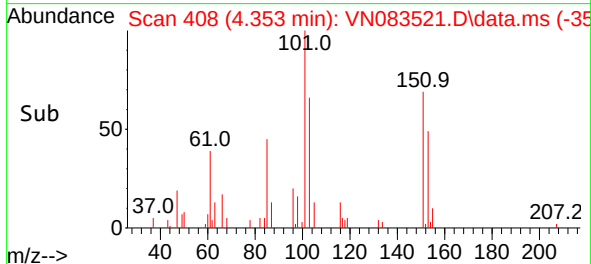
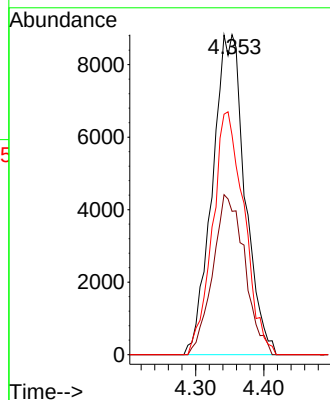
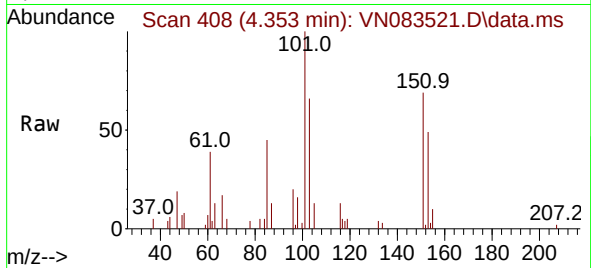




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.439 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

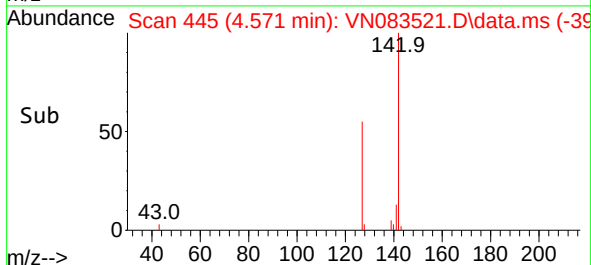
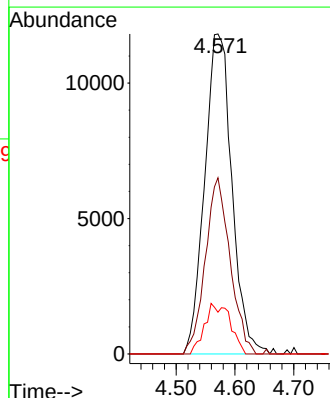
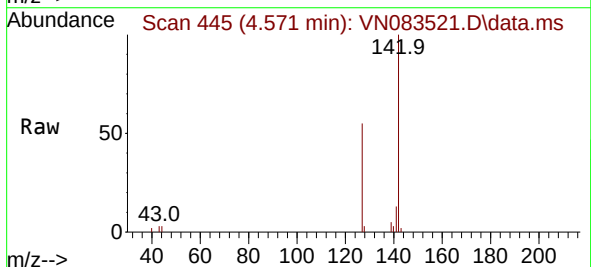
Instrument :
MSVOA_N
ClientSampleId :

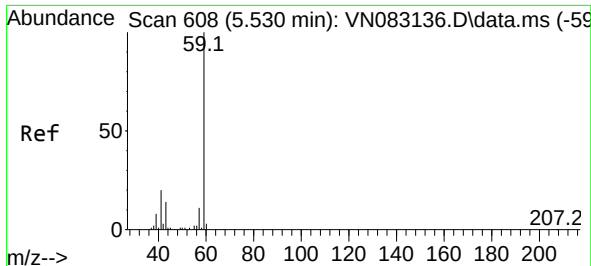
Tgt Ion:101 Resp: 29414
Ion Ratio Lower Upper
101 100
85 48.9 38.3 57.5
151 73.5 59.3 88.9



#10
Methyl Iodide
Concen: 21.096 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.018 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

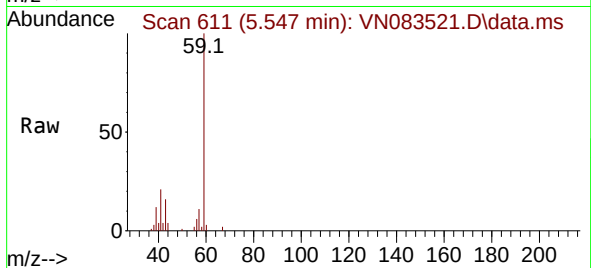
Tgt Ion:142 Resp: 38074
Ion Ratio Lower Upper
142 100
127 55.1 37.5 56.3
141 13.1 13.1 19.7#



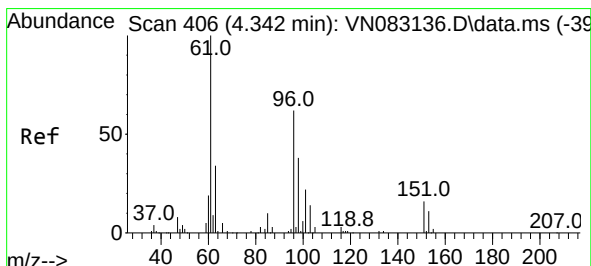
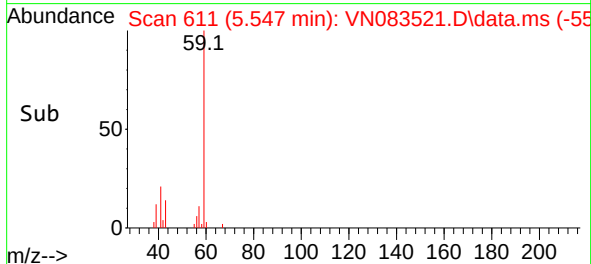
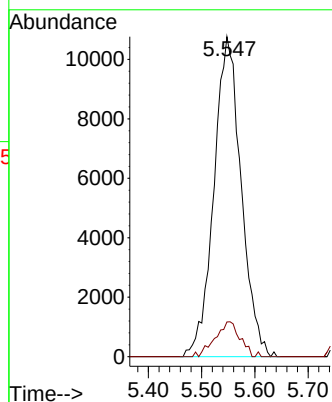


#11
Tert butyl alcohol
Concen: 101.849 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.018 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

Instrument :
MSVOA_N
ClientSampleId :

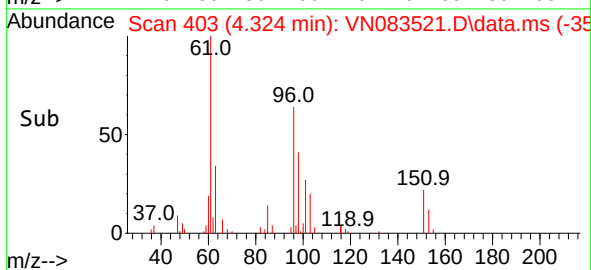
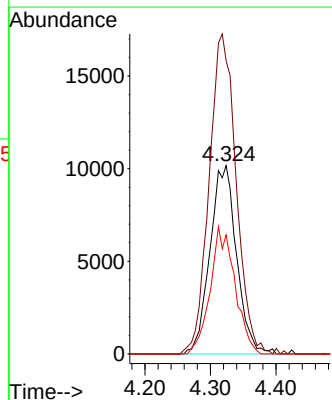
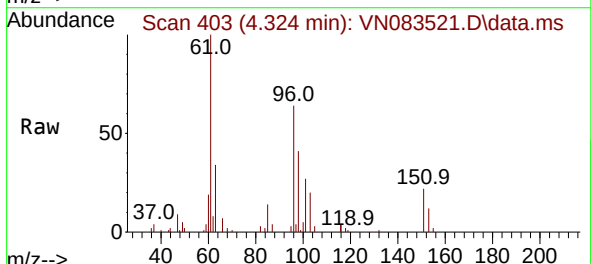


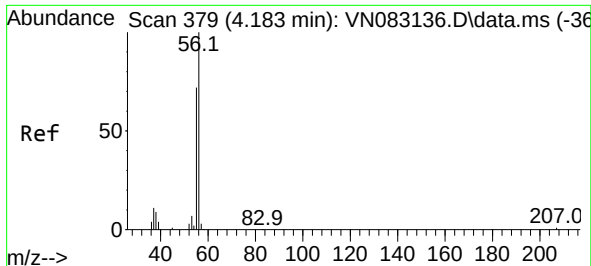
Tgt Ion: 59 Resp: 38309
Ion Ratio Lower Upper
59 100
57 9.8 8.9 13.3



#12
1,1-Dichloroethene
Concen: 20.323 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

Tgt Ion: 96 Resp: 28646
Ion Ratio Lower Upper
96 100
61 155.8 149.7 224.5
98 63.2 50.1 75.1





#13

Acrolein

Concen: 108.581 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.012 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

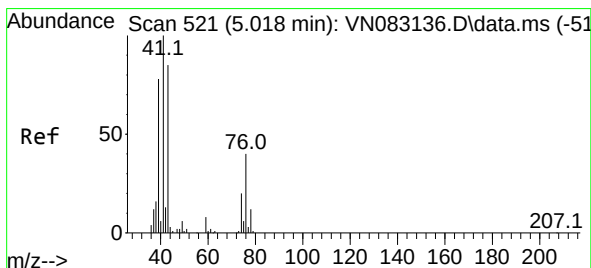
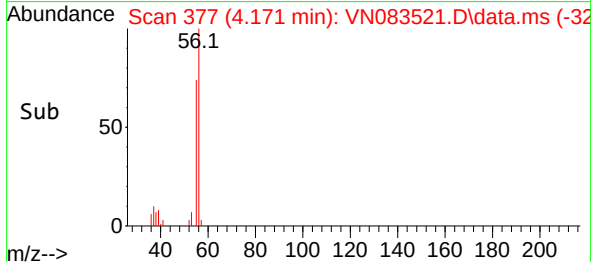
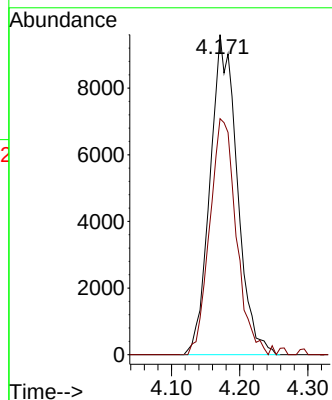
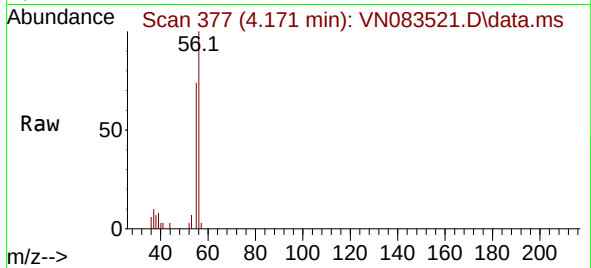
ClientSampleId :

Tgt Ion: 56 Resp: 26618

Ion Ratio Lower Upper

56 100

55 71.9 56.4 84.6



#14

Allyl chloride

Concen: 19.810 ug/l

RT: 5.006 min Scan# 519

Delta R.T. -0.012 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

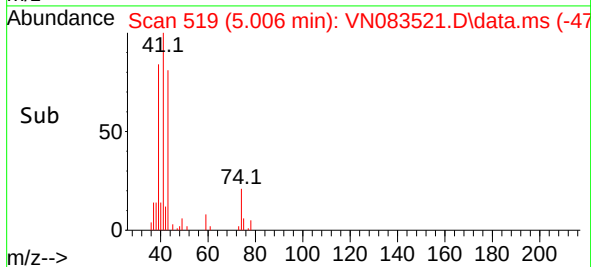
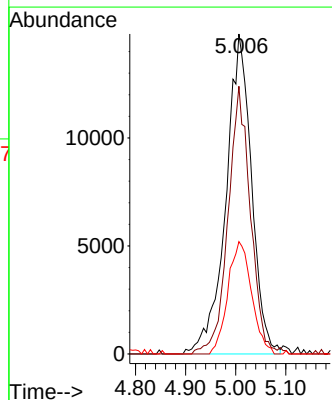
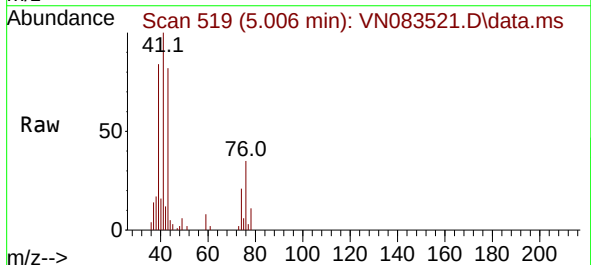
Tgt Ion: 41 Resp: 52767

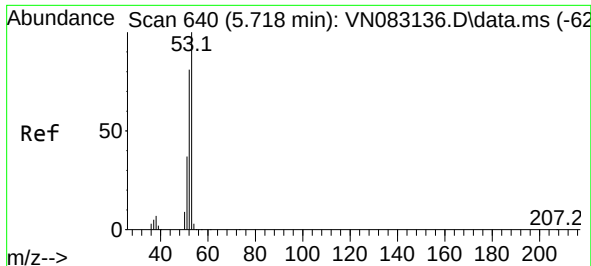
Ion Ratio Lower Upper

41 100

39 72.5 67.8 101.6

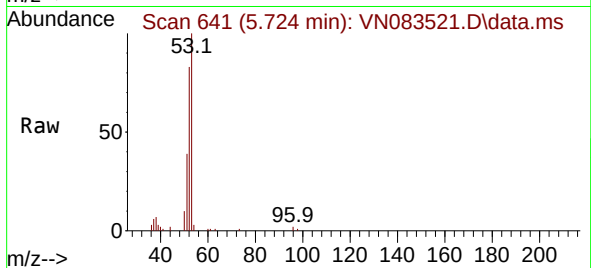
76 32.4 25.8 38.8



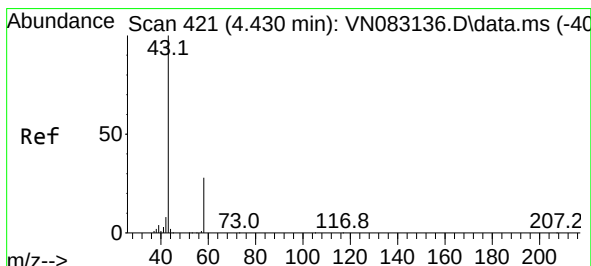
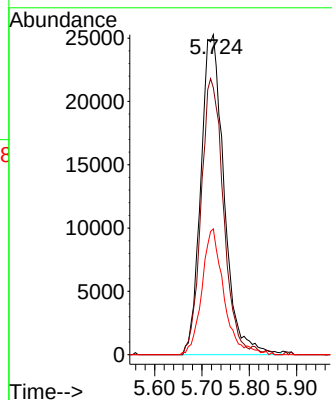
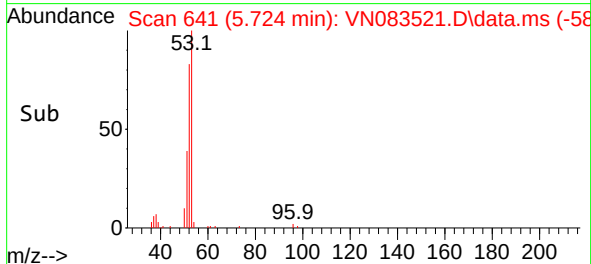


#15
Acrylonitrile
Concen: 111.393 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

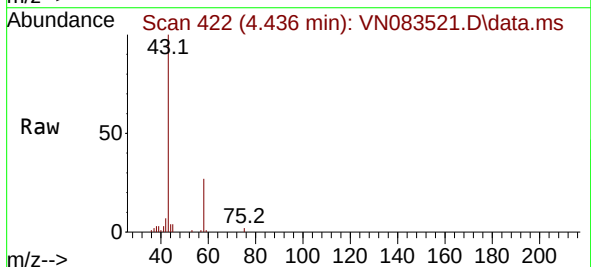
Instrument :
MSVOA_N
ClientSampleId :



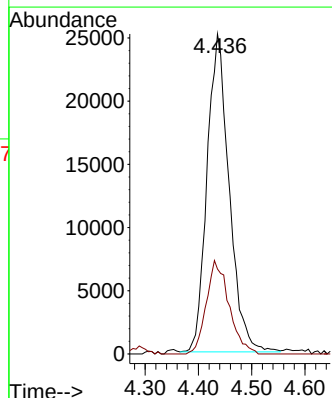
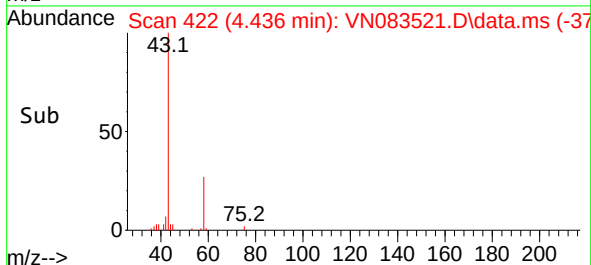
Tgt Ion: 53 Resp: 86171
Ion Ratio Lower Upper
53 100
52 82.5 66.6 100.0
51 37.2 30.1 45.1

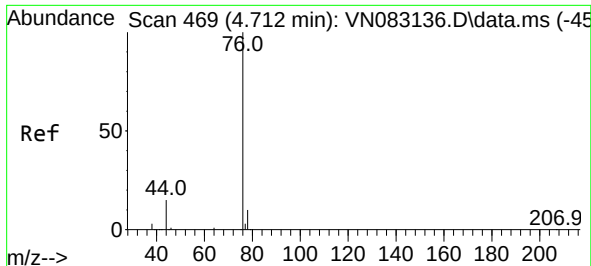


#16
Acetone
Concen: 102.422 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56



Tgt Ion: 43 Resp: 72537
Ion Ratio Lower Upper
43 100
58 26.7 21.8 32.6

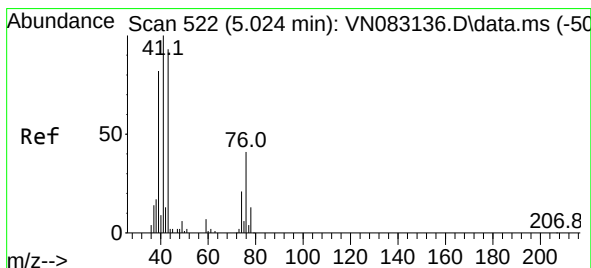
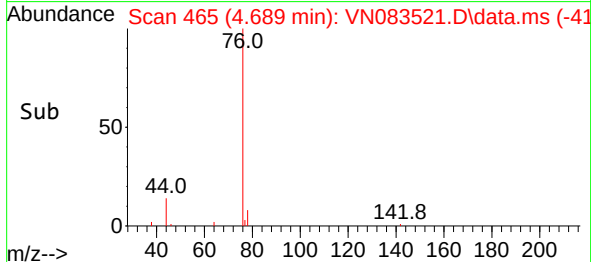
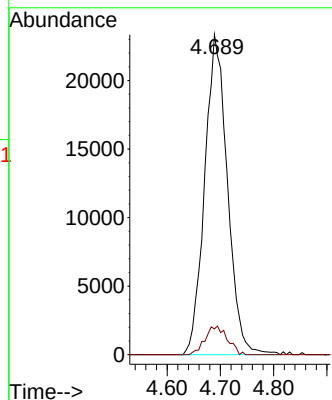
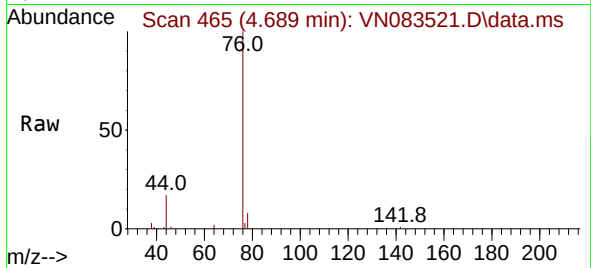




#17
Carbon Disulfide
Concen: 16.797 ug/l
RT: 4.689 min Scan# 41
Delta R.T. -0.024 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

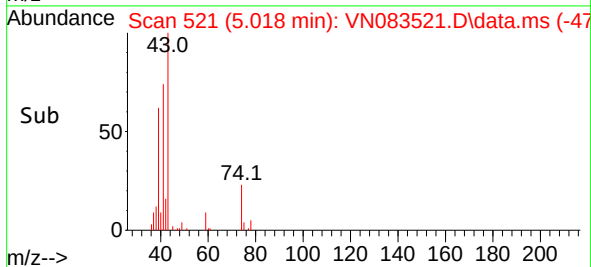
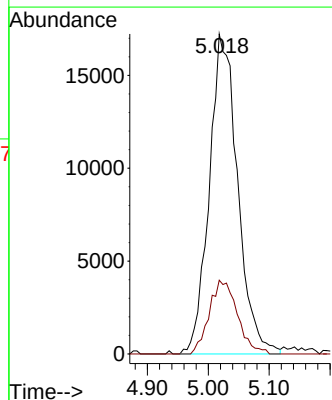
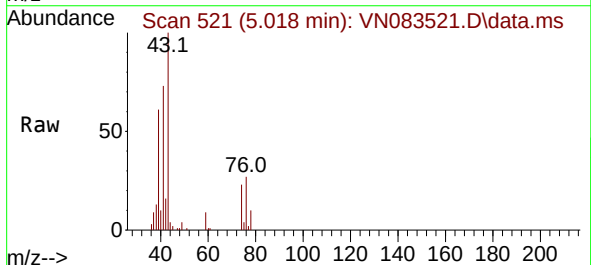
Instrument :
MSVOA_N
ClientSampleId :

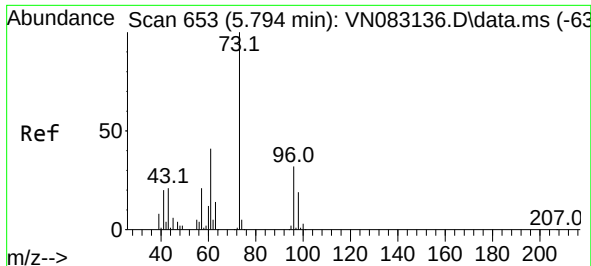
Tgt Ion: 76 Resp: 69279
Ion Ratio Lower Upper
76 100
78 8.1 7.2 10.8



#18
Methyl Acetate
Concen: 26.424 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

Tgt Ion: 43 Resp: 55756
Ion Ratio Lower Upper
43 100
74 22.8 16.3 24.5

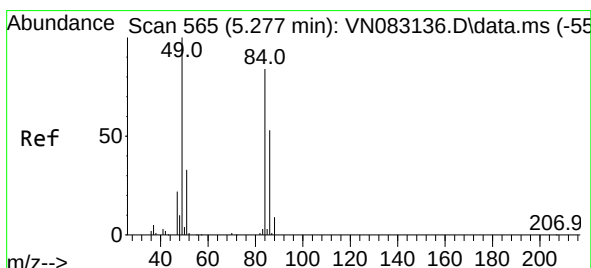
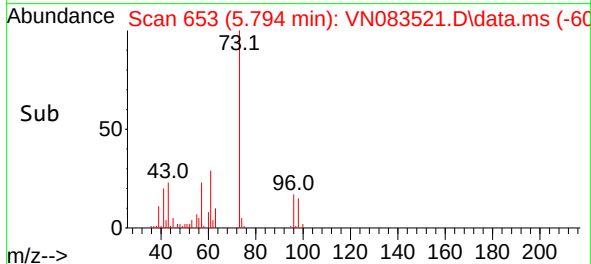
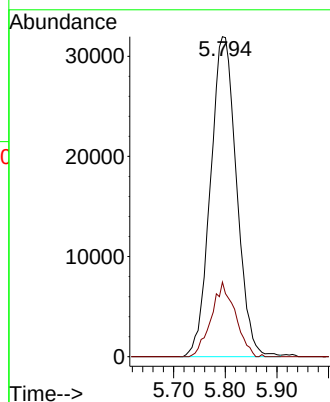
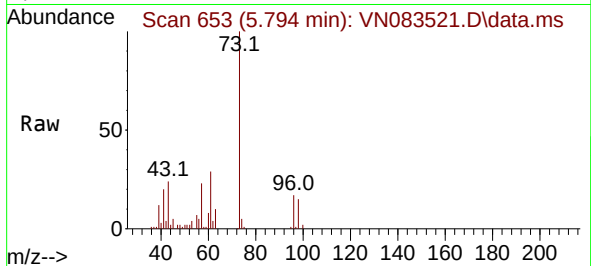




#19
Methyl tert-butyl Ether
Concen: 22.021 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

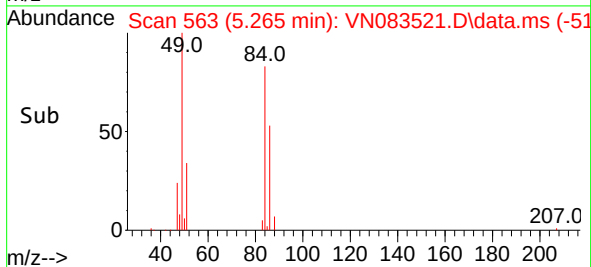
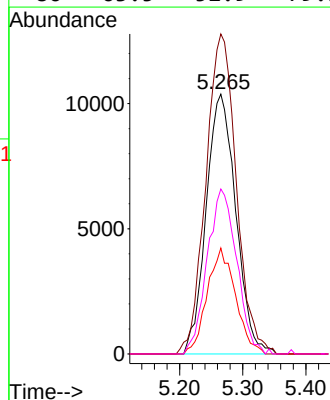
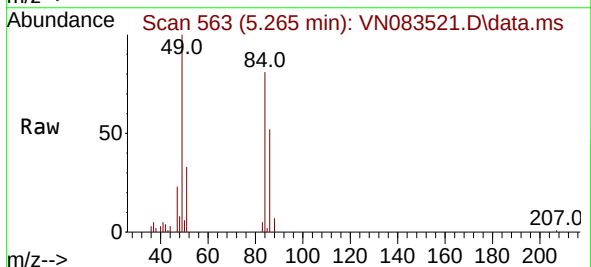
Instrument :
MSVOA_N
ClientSampleId :

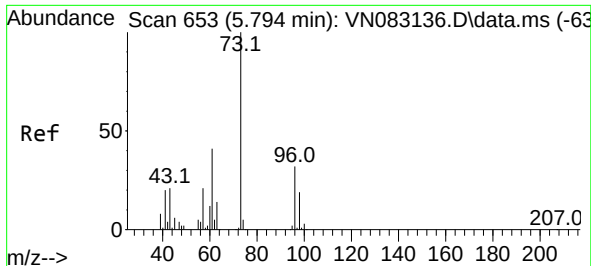
Tgt Ion: 73 Resp: 112036
Ion Ratio Lower Upper
73 100
57 23.3 17.9 26.9



#20
Methylene Chloride
Concen: 20.827 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

Tgt Ion: 84 Resp: 33947
Ion Ratio Lower Upper
84 100
49 123.2 119.6 179.4
51 40.8 34.8 52.2
86 63.5 52.9 79.3

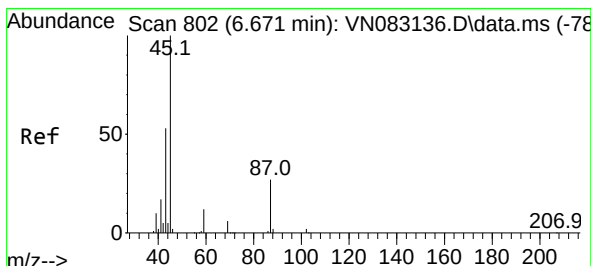
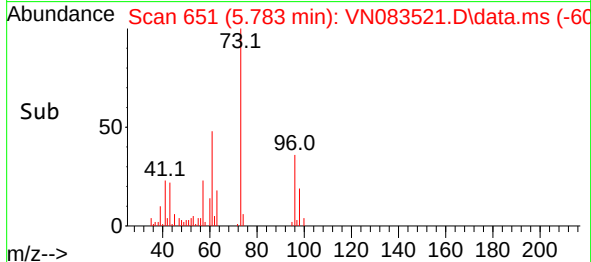
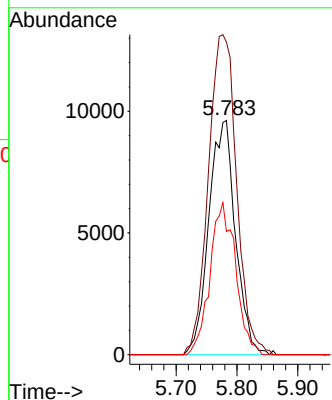
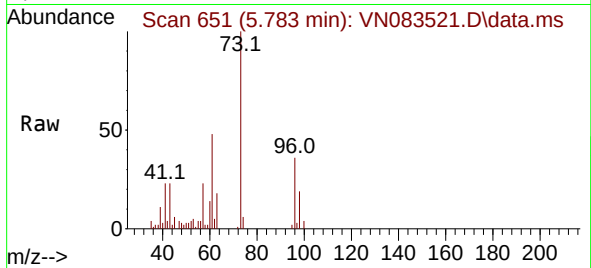




#21
trans-1,2-Dichloroethene
Concen: 20.124 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

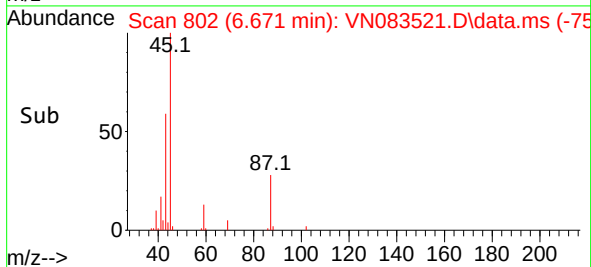
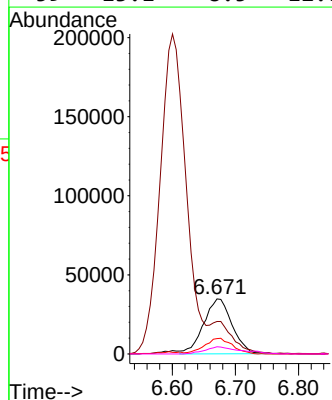
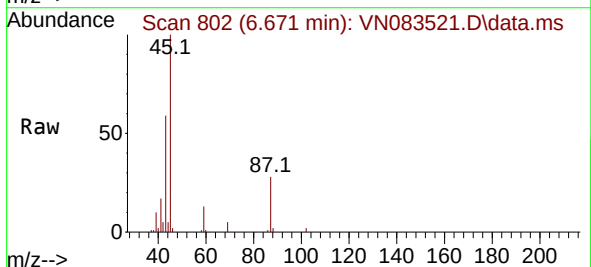
Instrument :
MSVOA_N
ClientSampleId :

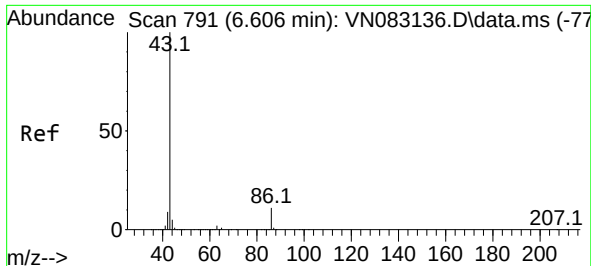
Tgt Ion: 96 Resp: 29318
Ion Ratio Lower Upper
96 100
61 133.4 123.4 185.2
98 52.6 49.3 73.9



#22
Diisopropyl ether
Concen: 21.567 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

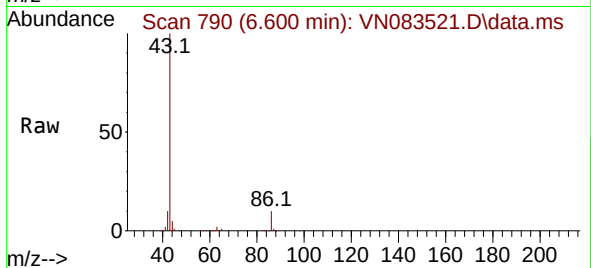
Tgt Ion: 45 Resp: 107986
Ion Ratio Lower Upper
45 100
43 57.4 44.0 66.0
87 28.1 19.7 29.5
59 13.1 8.5 12.7#



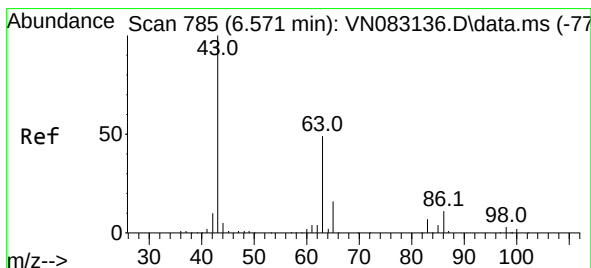
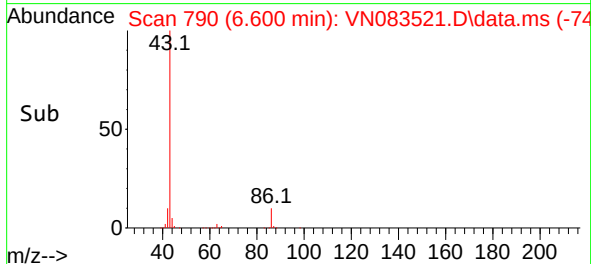
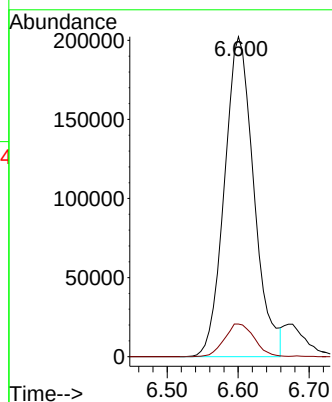


#23
 Vinyl Acetate
 Concen: 113.640 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083521.D
 Acq: 27 Aug 2024 19:56

Instrument :
 MSVOA_N
 ClientSampleId :

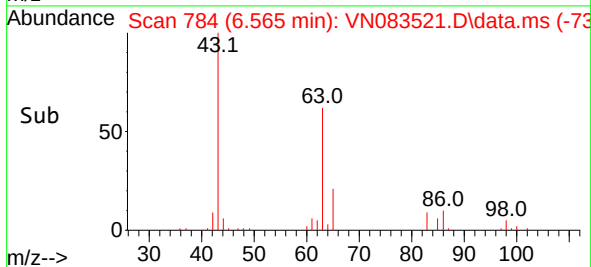
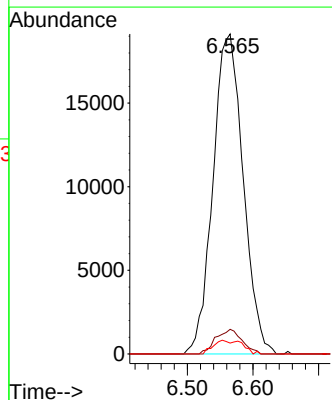
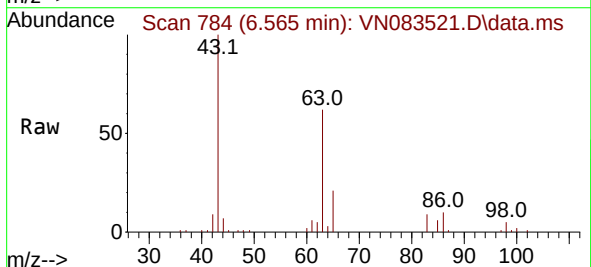


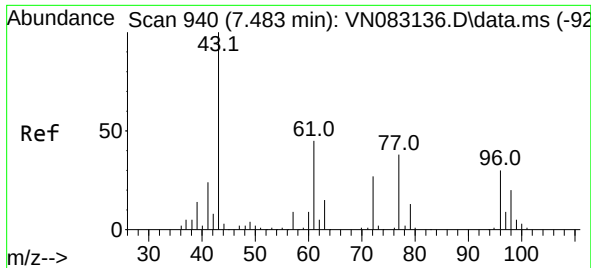
Tgt Ion: 43 Resp: 583212
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 22.412 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN083521.D
 Acq: 27 Aug 2024 19:56

Tgt Ion: 63 Resp: 61166
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.9
 100 3.4 2.0 6.0

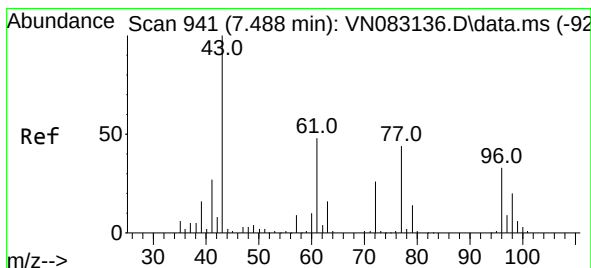
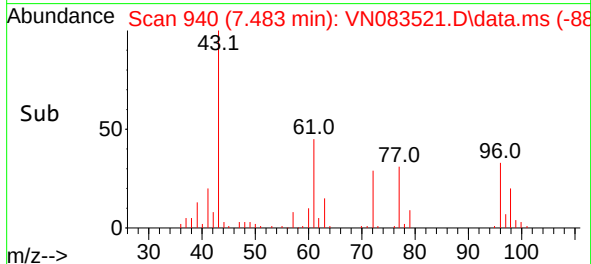
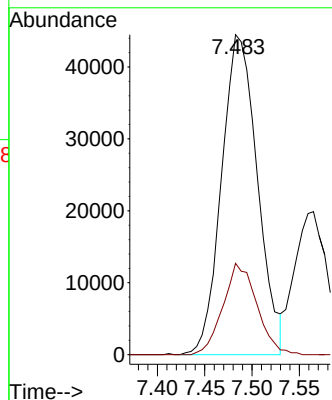
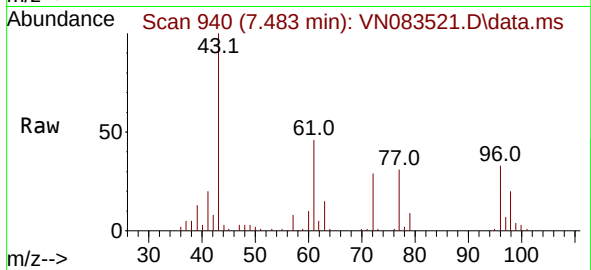




#25
2-Butanone
Concen: 107.932 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

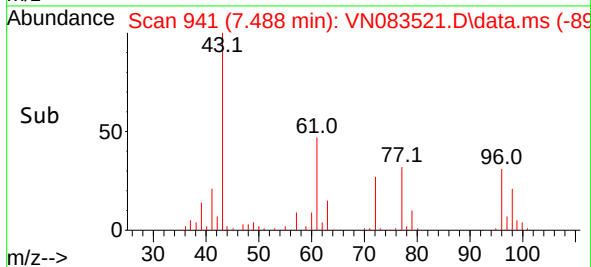
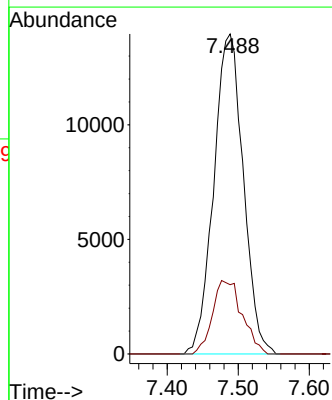
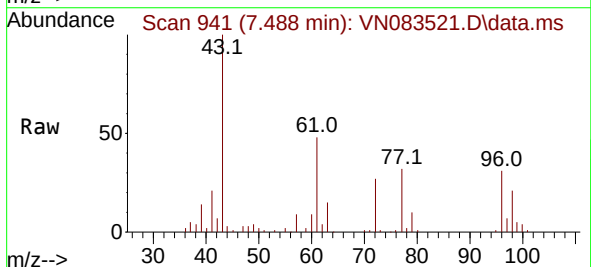
Instrument :
MSVOA_N
ClientSampleId :

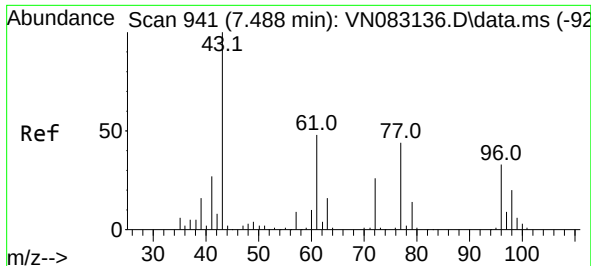
Tgt Ion: 43 Resp: 117370
Ion Ratio Lower Upper
43 100
72 28.5 18.2 27.2#



#26
2,2-Dichloropropane
Concen: 15.891 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

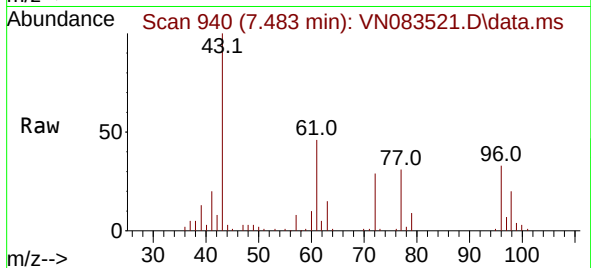
Tgt Ion: 77 Resp: 40277
Ion Ratio Lower Upper
77 100
97 23.1 10.3 30.9





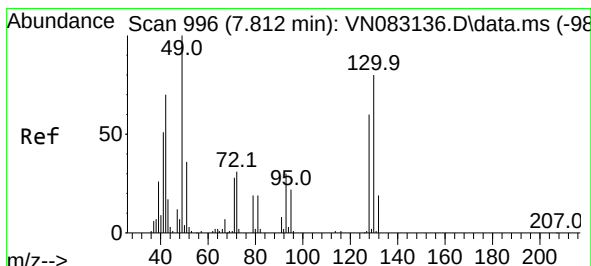
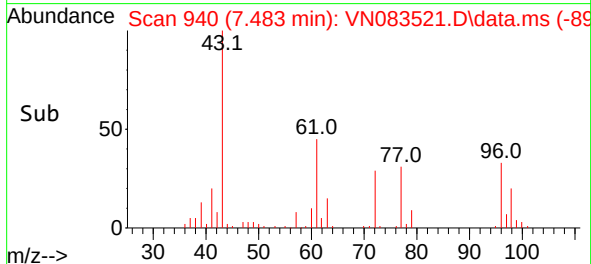
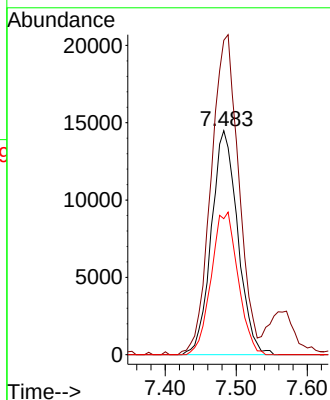
#27
 cis-1,2-Dichloroethene
 Concen: 21.218 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN083521.D
 Acq: 27 Aug 2024 19:56

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 96 Resp: 37301

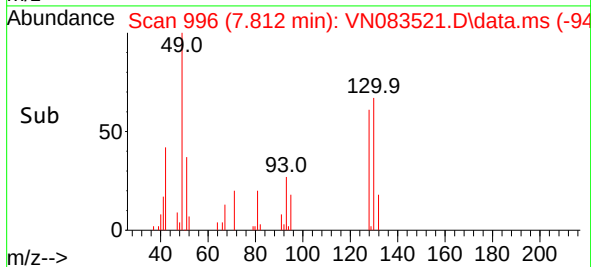
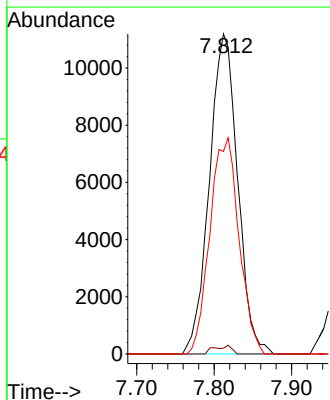
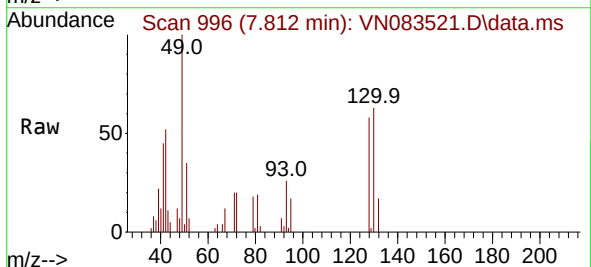
Ion	Ratio	Lower	Upper
96	100		
61	151.0	0.0	329.6
98	64.7	0.0	128.6

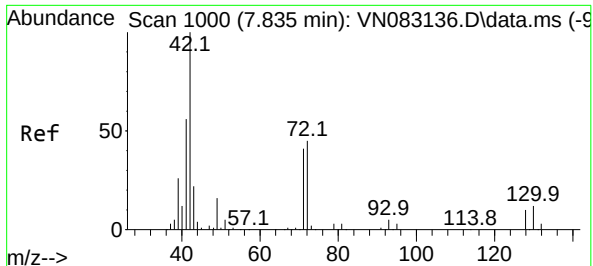


#28
 Bromochloromethane
 Concen: 25.496 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083521.D
 Acq: 27 Aug 2024 19:56

Tgt Ion: 49 Resp: 28436

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	69.4	50.5	75.7





#29

Tetrahydrofuran

Concen: 111.413 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

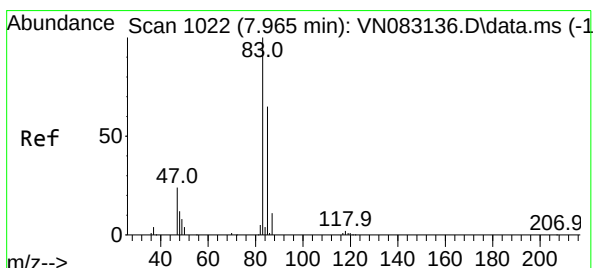
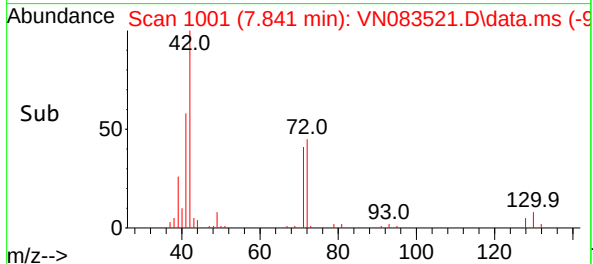
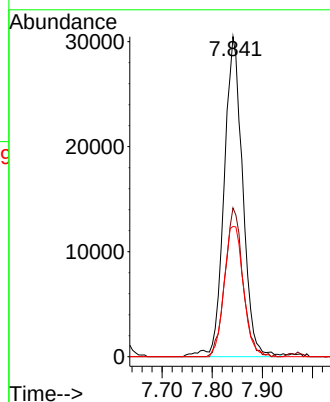
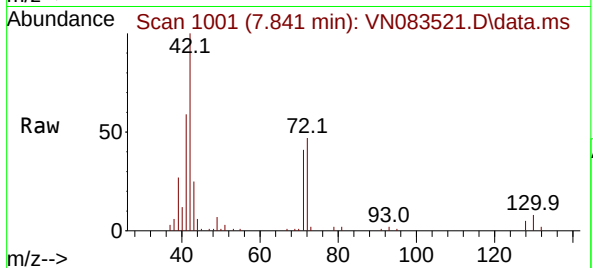
Tgt Ion: 42 Resp: 78319

Ion Ratio Lower Upper

42 100

72 44.8 30.0 45.0

71 42.5 28.3 42.5#



#30

Chloroform

Concen: 22.982 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083521.D

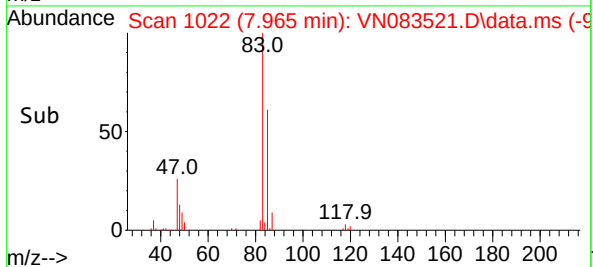
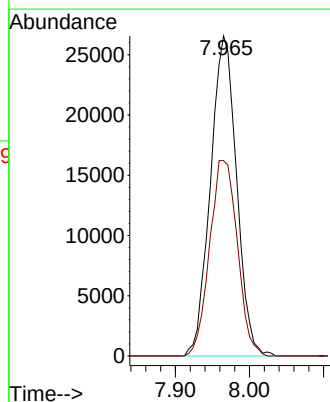
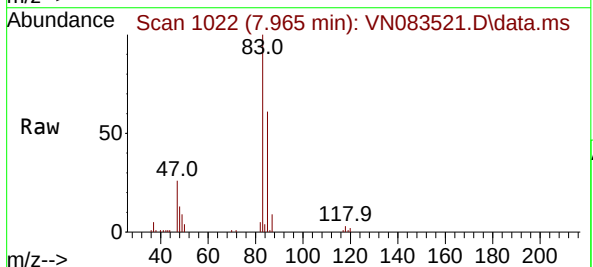
Acq: 27 Aug 2024 19:56

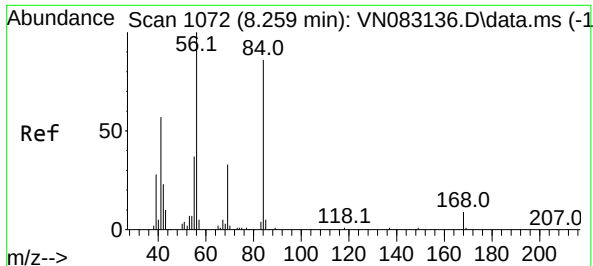
Tgt Ion: 83 Resp: 65164

Ion Ratio Lower Upper

83 100

85 61.1 50.9 76.3





#31

Cyclohexane

Concen: 19.797 ug/l

RT: 8.247 min Scan# 1070

Delta R.T. -0.012 min

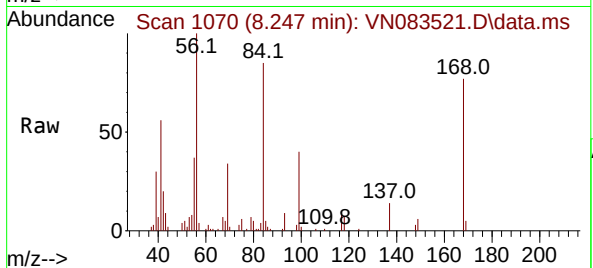
Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

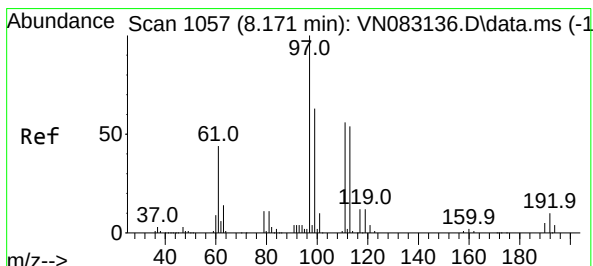
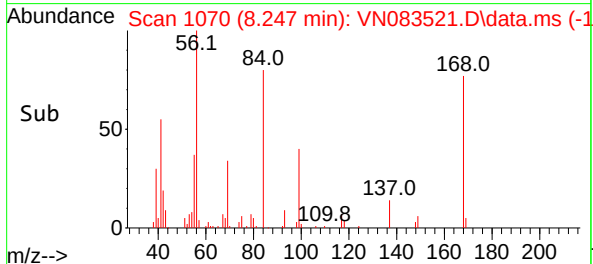
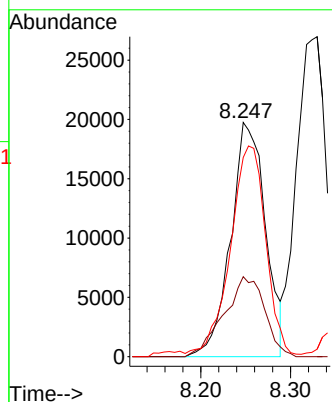
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	56	Resp:	53099
Ion Ratio	Lower	Upper	
56	100		
69	34.1	24.5	36.7
84	82.7	66.0	99.0



#32

1,1,1-Trichloroethane

Concen: 22.855 ug/l

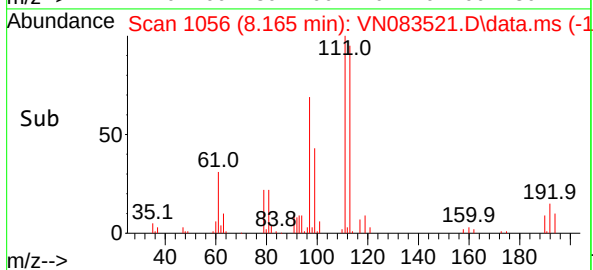
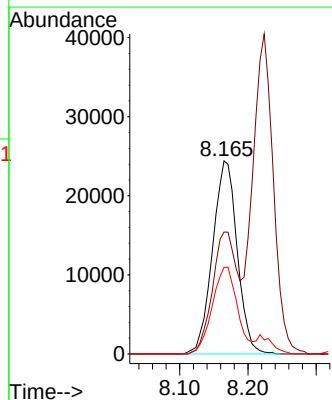
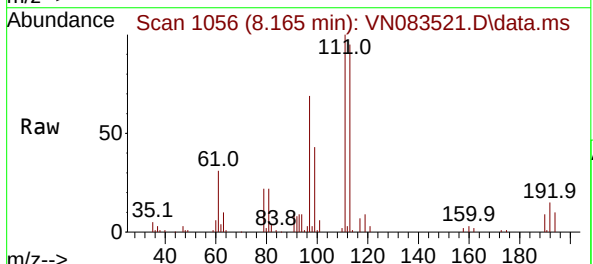
RT: 8.165 min Scan# 1056

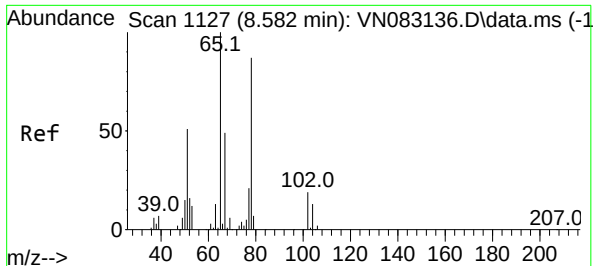
Delta R.T. -0.006 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Tgt Ion:	97	Resp:	61340
Ion Ratio	Lower	Upper	
97	100		
99	62.2	52.0	78.0
61	46.1	42.1	63.1





#33

1,2-Dichloroethane-d4

Concen: 63.025 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

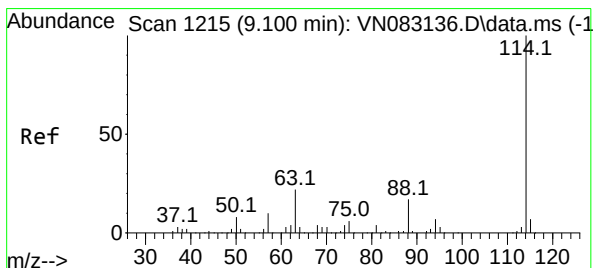
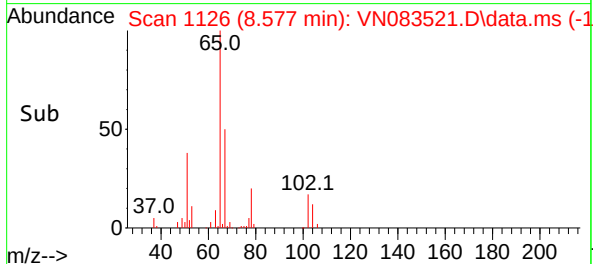
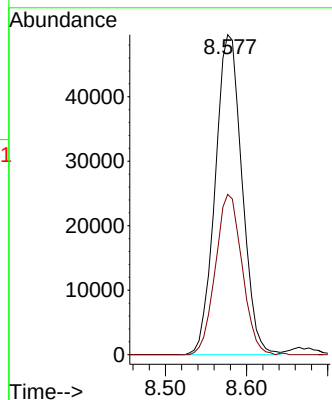
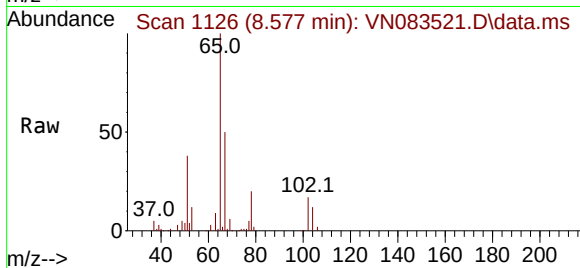
ClientSampleId :

Tgt Ion: 65 Resp: 114071

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

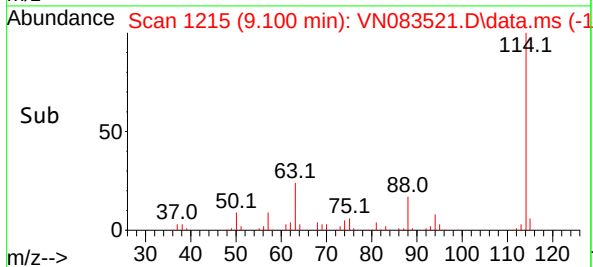
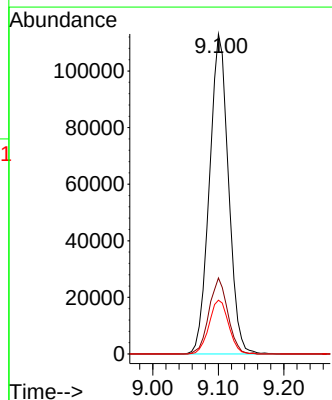
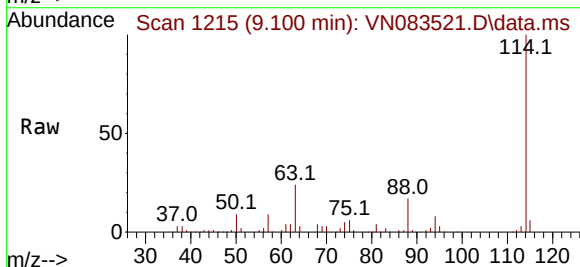
Tgt Ion: 114 Resp: 227748

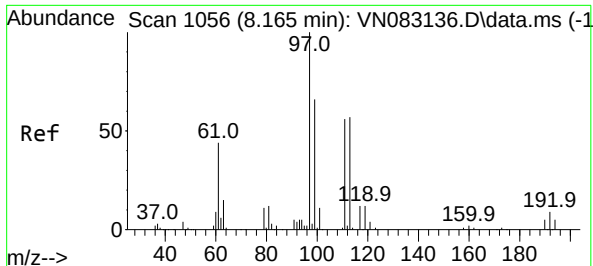
Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.6

88 16.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 57.617 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

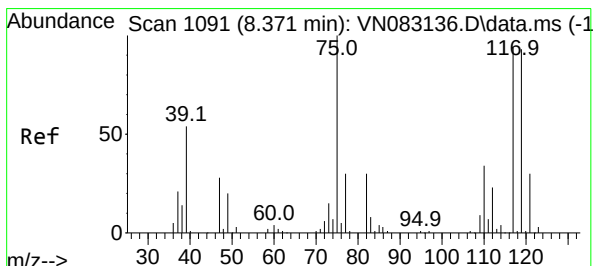
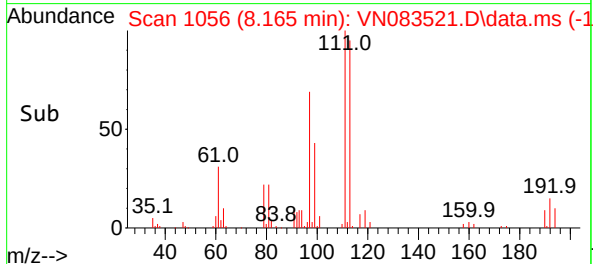
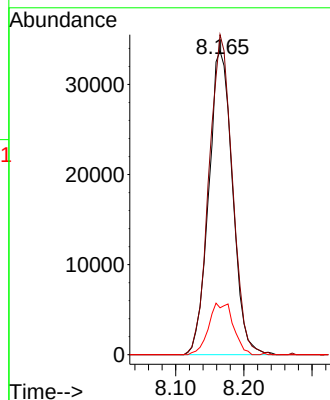
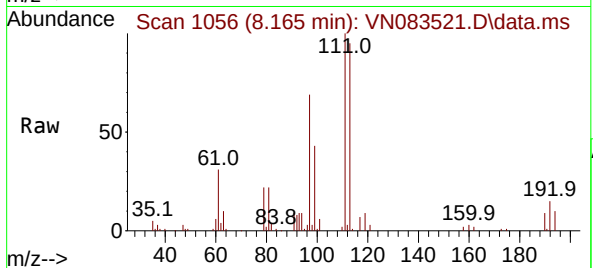
Tgt Ion:113 Resp: 81905

Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

192 17.5 14.9 22.3



#36

1,1-Dichloropropene

Concen: 19.702 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

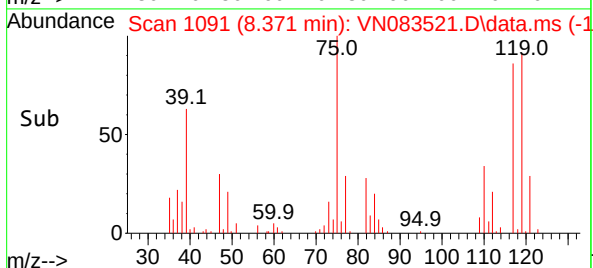
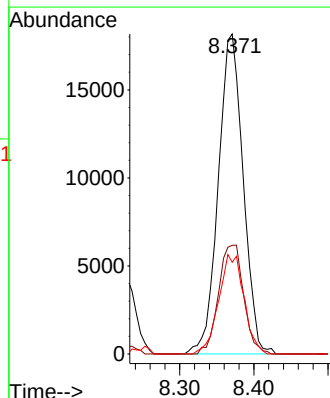
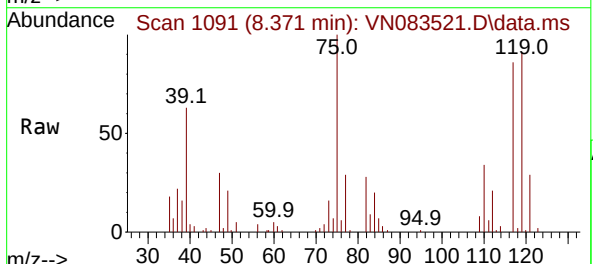
Tgt Ion: 75 Resp: 42368

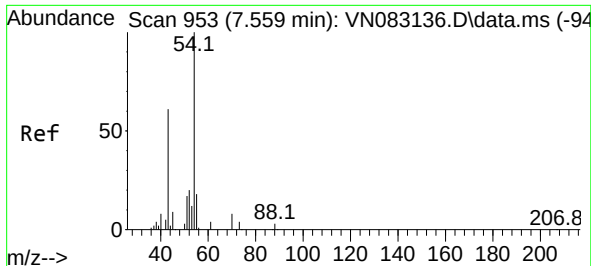
Ion Ratio Lower Upper

75 100

110 34.4 16.3 48.9

77 31.6 24.6 37.0





#37

Ethyl Acetate

Concen: 21.144 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

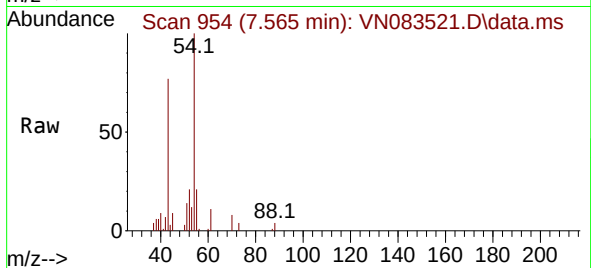
Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

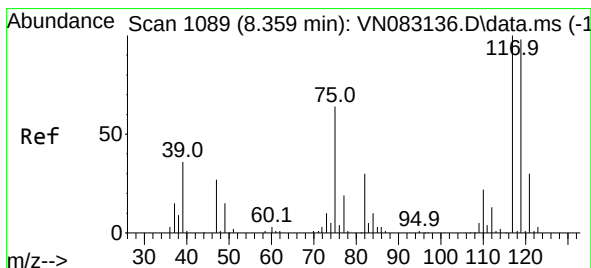
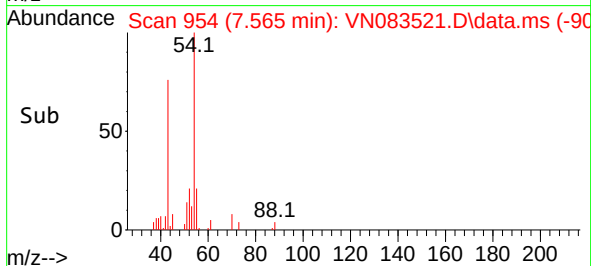
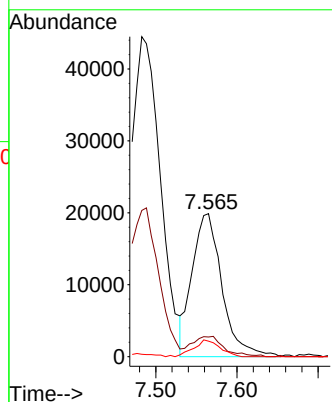
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	50910
Ion	Ratio	Lower	Upper
43	100		
61	14.7	9.3	13.9#
70	10.2	7.0	10.6



#38

Carbon Tetrachloride

Concen: 20.553 ug/l

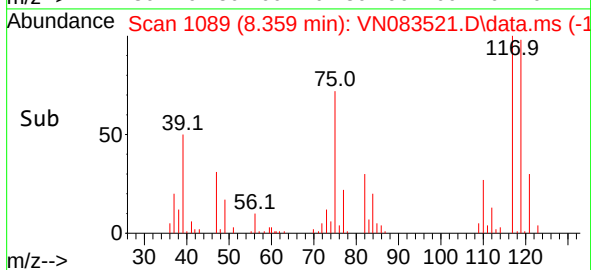
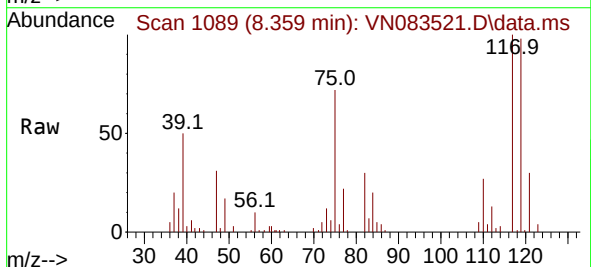
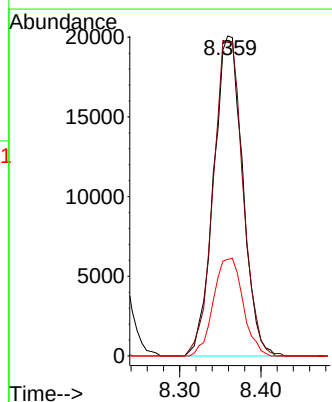
RT: 8.359 min Scan# 1089

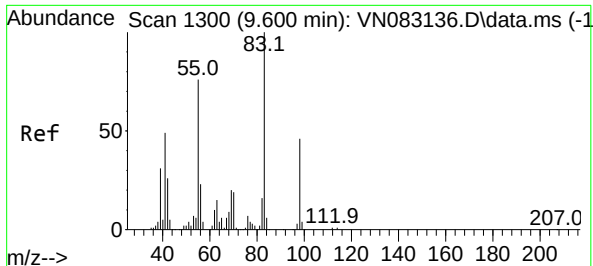
Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Tgt Ion:	117	Resp:	49781
Ion	Ratio	Lower	Upper
117	100		
119	97.9	74.9	112.3
121	30.2	24.3	36.5





#39

Methylcyclohexane

Concen: 18.796 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN083521.D

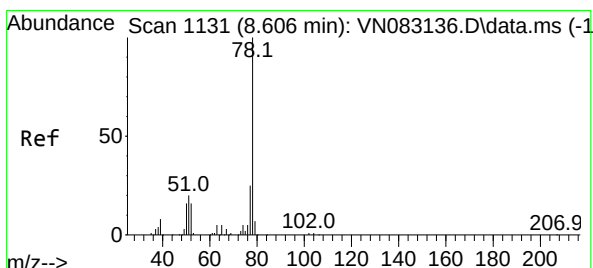
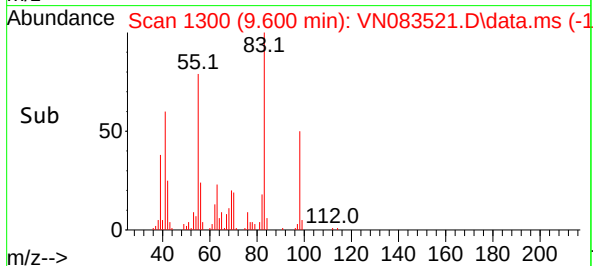
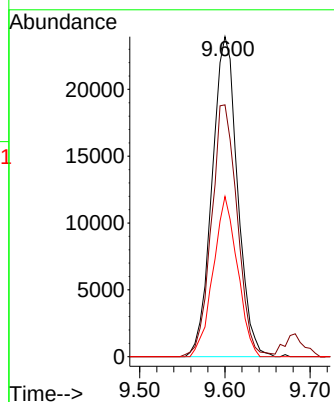
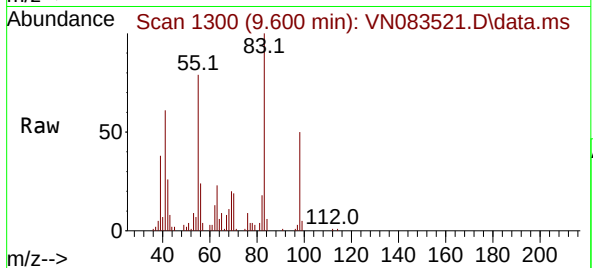
Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	49644
Ion Ratio	Lower	Upper	
83	100		
55	78.7	66.4	99.6
98	50.1	40.7	61.1



#40

Benzene

Concen: 21.578 ug/l

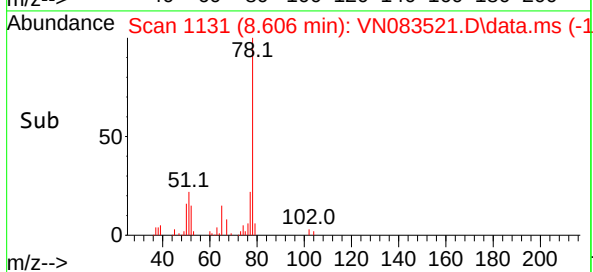
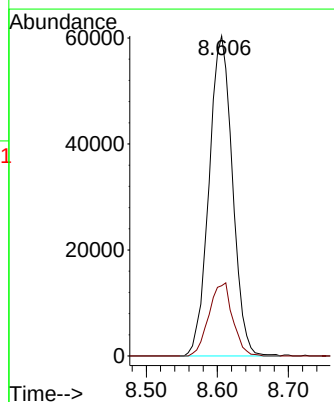
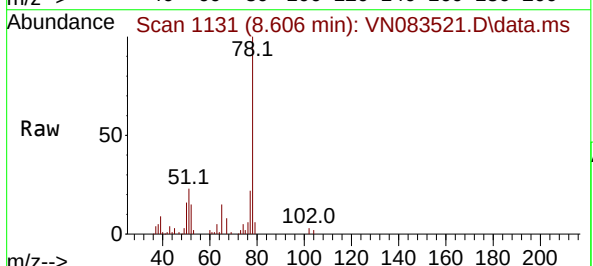
RT: 8.606 min Scan# 1131

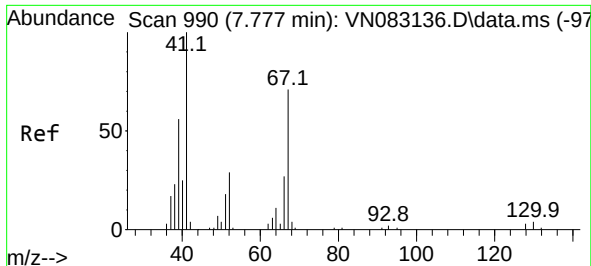
Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Tgt Ion:	78	Resp:	138235
Ion Ratio	Lower	Upper	
78	100		
77	22.0	19.0	28.4

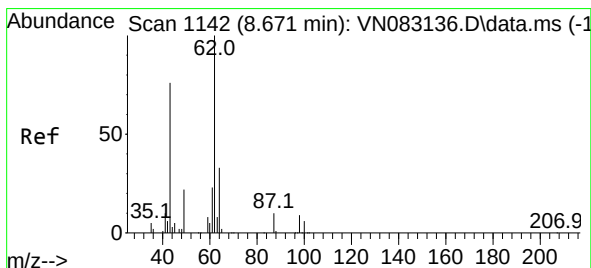
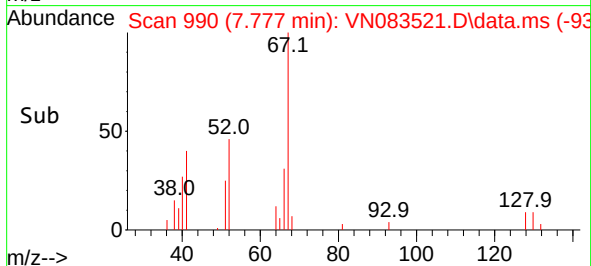
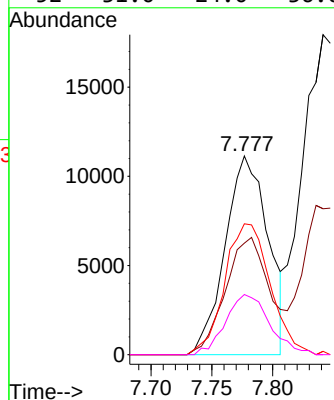
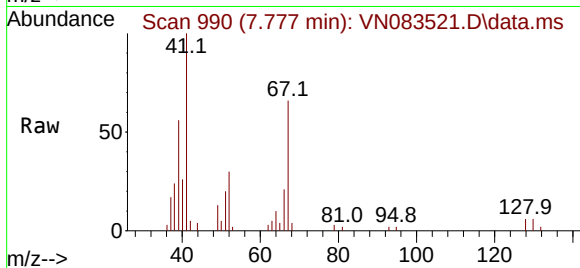




#41
Methacrylonitrile
Concen: 20.008 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

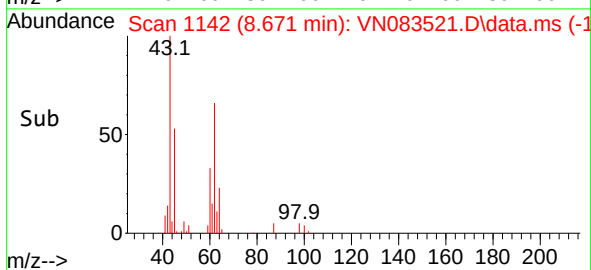
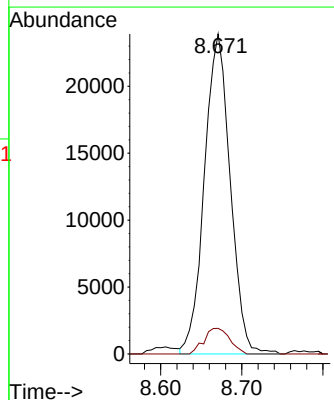
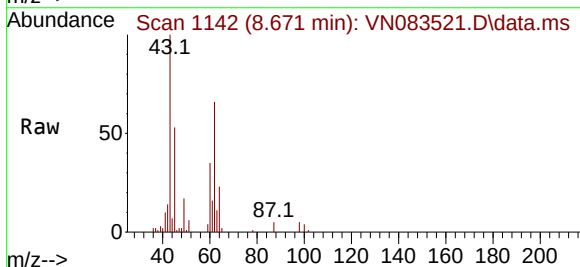
Instrument :
MSVOA_N
ClientSampleId :

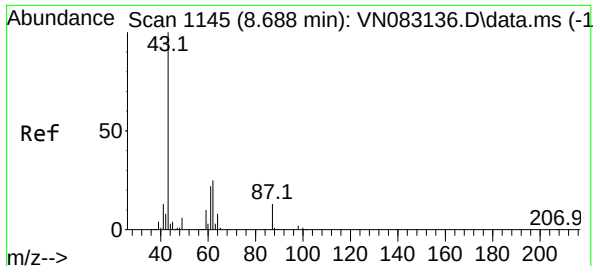
Tgt Ion:	41	Resp:	27391
Ion	Ratio	Lower	Upper
41	100		
39	62.0	45.5	68.3
67	69.7	50.5	75.7
52	31.0	24.0	36.0



#42
1,2-Dichloroethane
Concen: 22.654 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

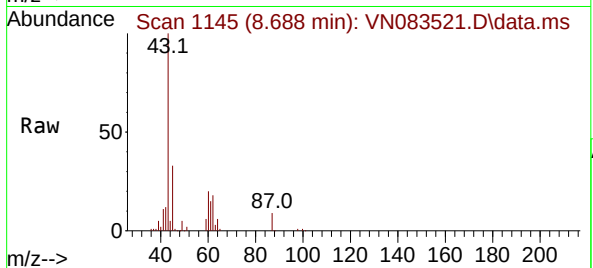
Tgt Ion:	62	Resp:	52866
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.8



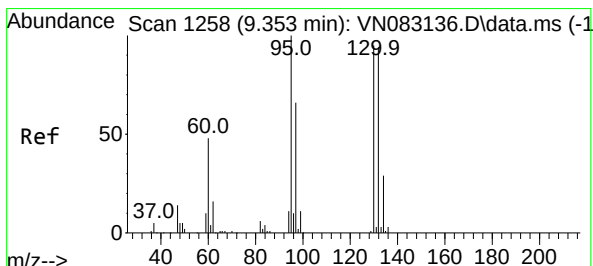
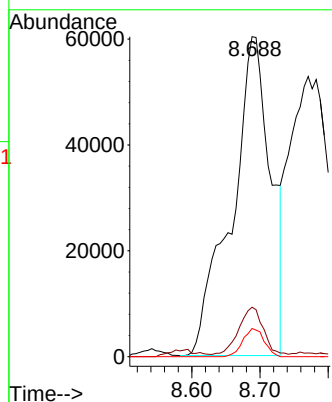
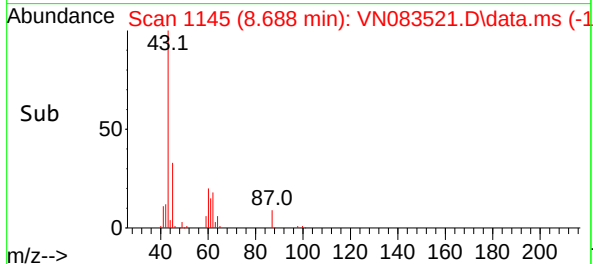


#43
Isopropyl Acetate
Concen: 57.867 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

Instrument :
MSVOA_N
ClientSampleId :

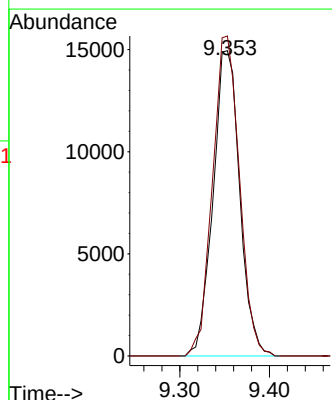
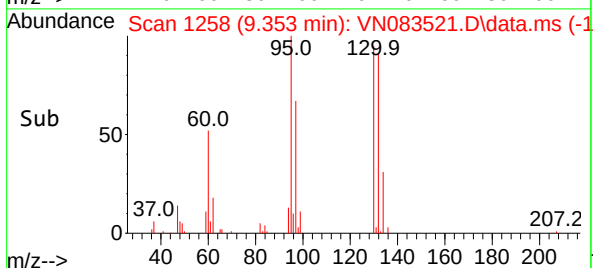
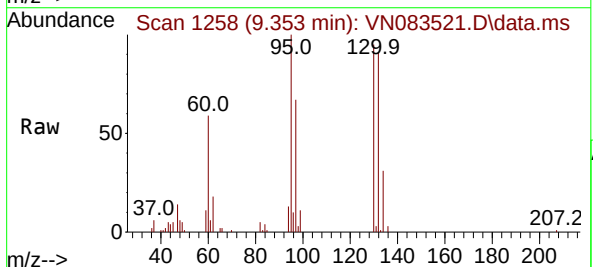


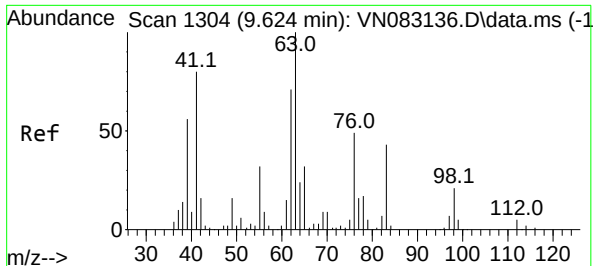
Tgt Ion: 43 Resp: 239249
Ion Ratio Lower Upper
43 100
61 9.4 17.8 26.6#
87 4.8 8.2 12.2#



#44
Trichloroethene
Concen: 20.225 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

Tgt Ion:130 Resp: 30839
Ion Ratio Lower Upper
130 100
95 104.8 0.0 197.8





#45

1,2-Dichloropropane

Concen: 22.261 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

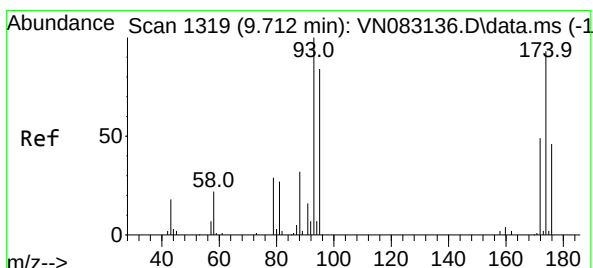
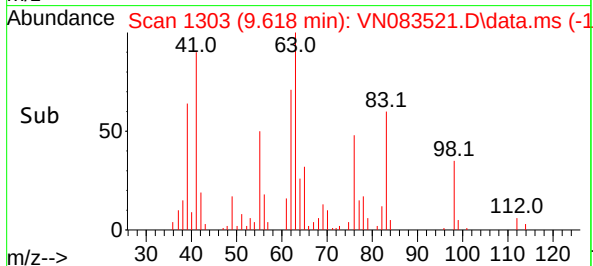
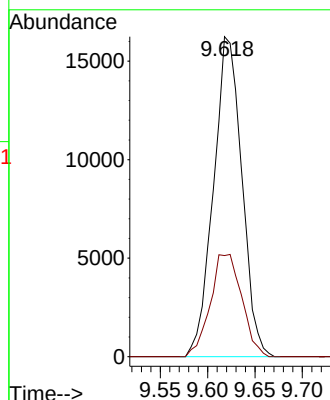
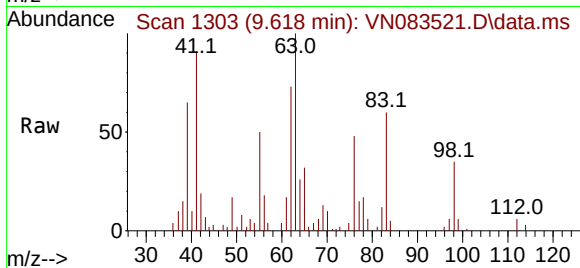
ClientSampleId :

Tgt Ion: 63 Resp: 33851

Ion Ratio Lower Upper

63 100

65 31.6 24.4 36.6



#46

Dibromomethane

Concen: 22.799 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

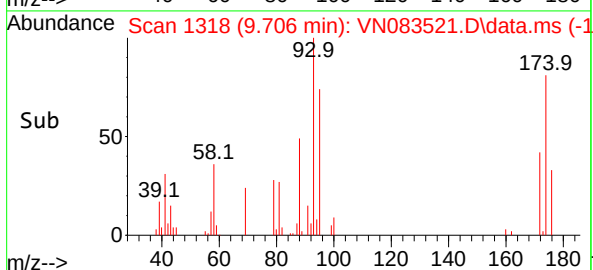
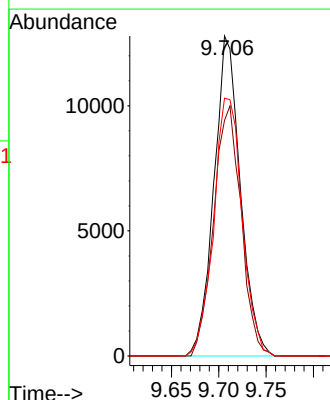
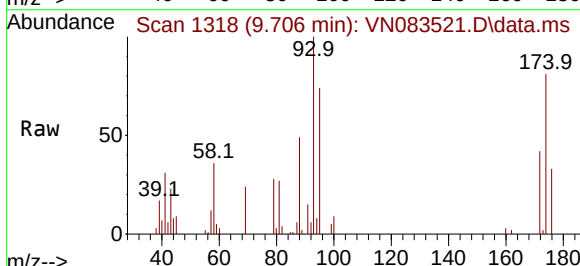
Tgt Ion: 93 Resp: 24815

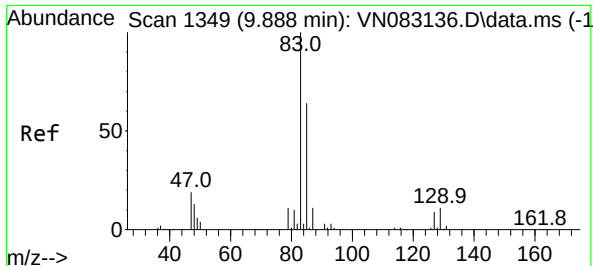
Ion Ratio Lower Upper

93 100

95 81.3 65.8 98.6

174 86.7 71.7 107.5





#47

Bromodichloromethane

Concen: 21.630 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN083521.D

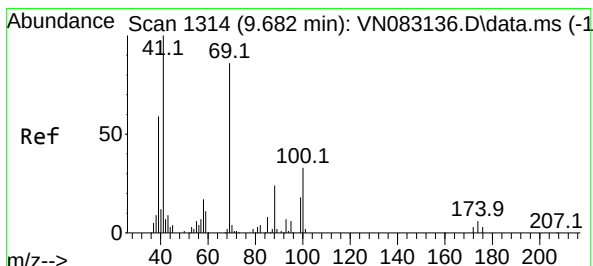
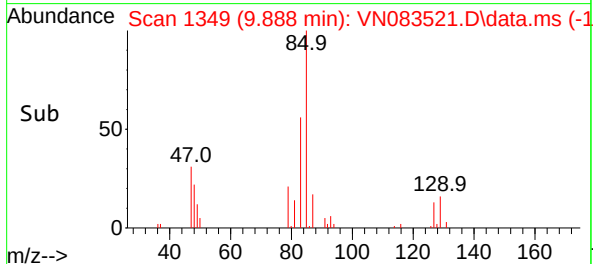
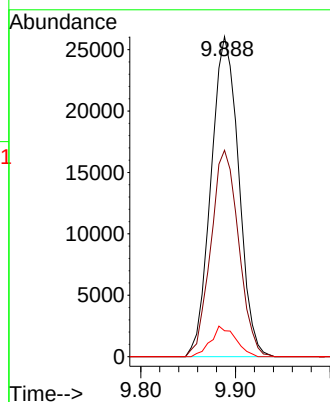
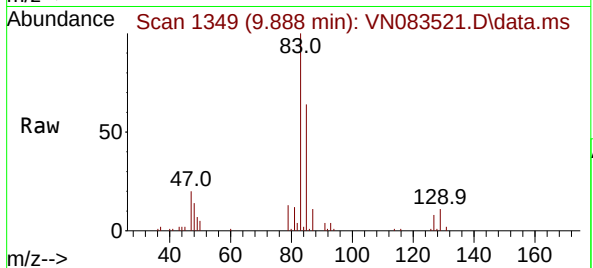
Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 52863
Ion Ratio	Lower Upper
83 100	
85 64.5	51.1 76.7
127 8.1	7.2 10.8



#48

Methyl methacrylate

Concen: 20.907 ug/l

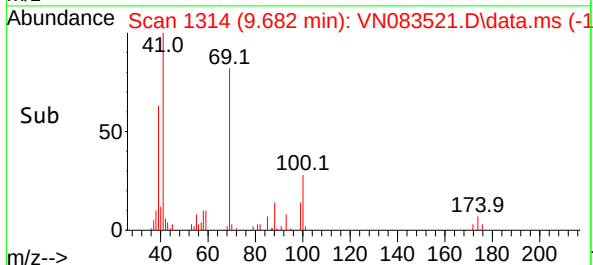
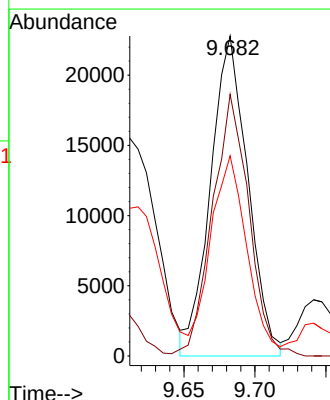
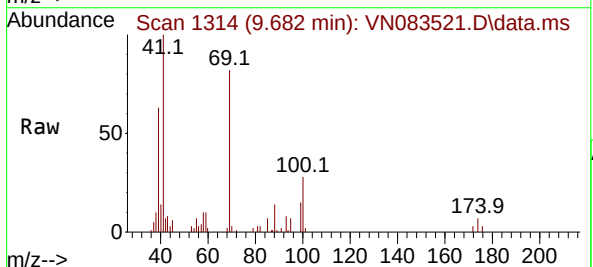
RT: 9.682 min Scan# 1314

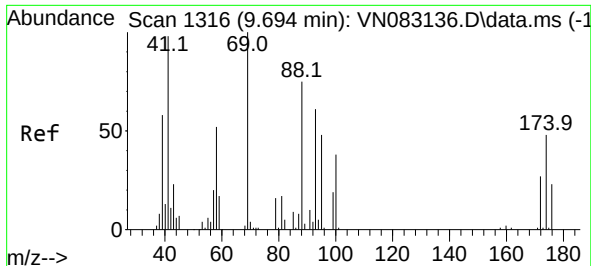
Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Tgt Ion: 41	Resp: 41618
Ion Ratio	Lower Upper
41 100	
69 80.1	56.3 84.5
39 61.2	50.3 75.5





#49

1,4-Dioxane

Concen: 422.640 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

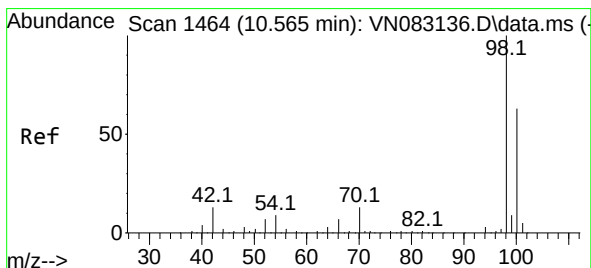
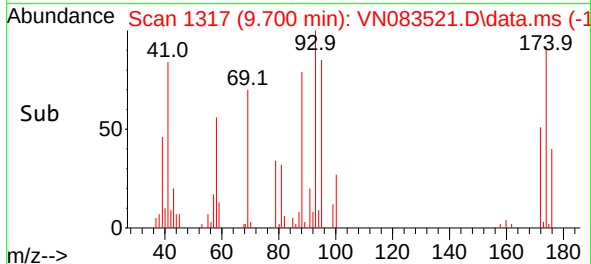
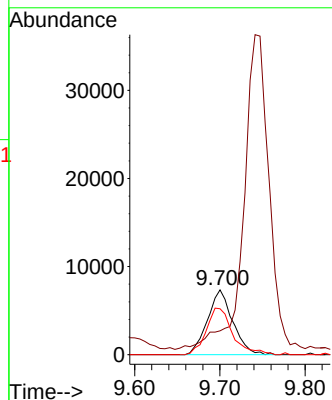
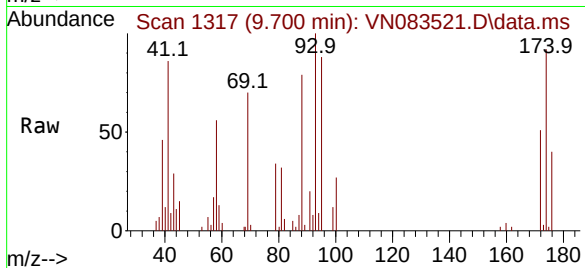
Tgt Ion: 88 Resp: 15178

Ion Ratio Lower Upper

88 100

43 0.0 27.8 41.8#

58 74.8 59.4 89.0



#50

Toluene-d8

Concen: 55.123 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083521.D

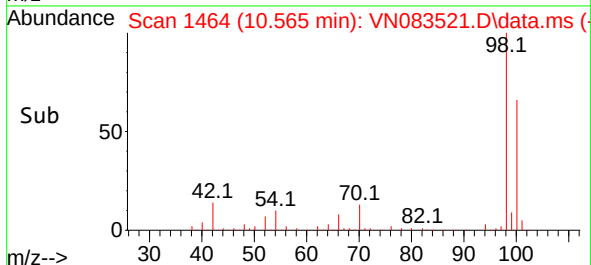
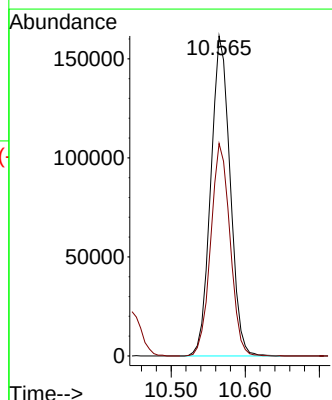
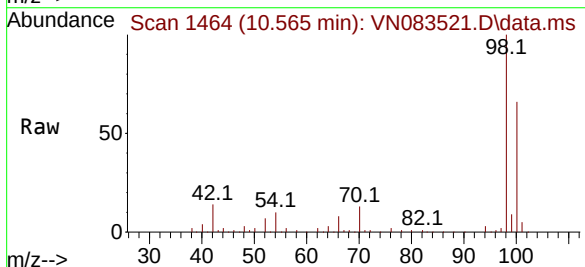
Acq: 27 Aug 2024 19:56

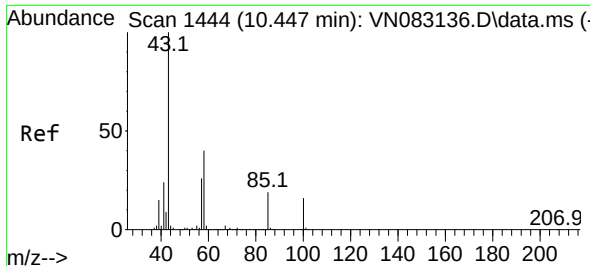
Tgt Ion: 98 Resp: 292305

Ion Ratio Lower Upper

98 100

100 66.4 51.5 77.3

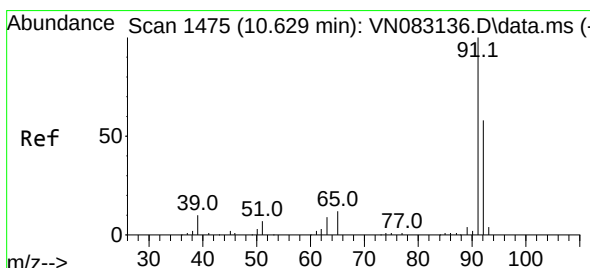
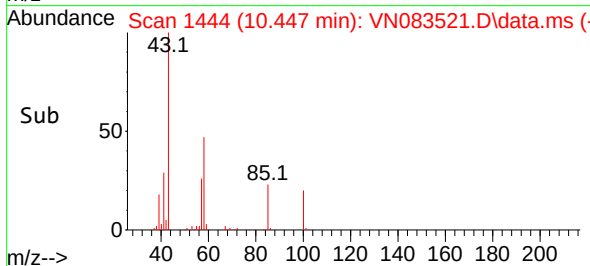
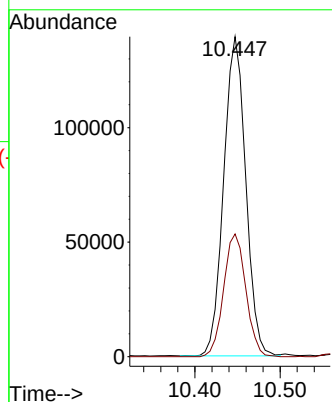
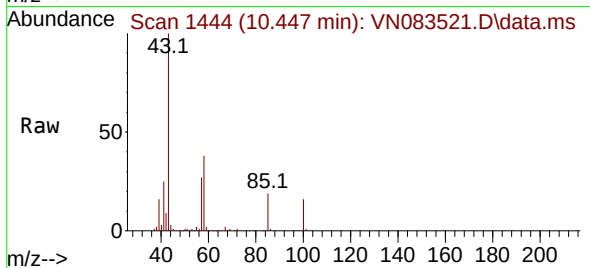




#51
4-Methyl-2-Pentanone
Concen: 109.944 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

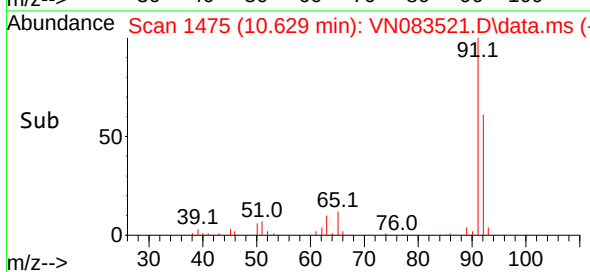
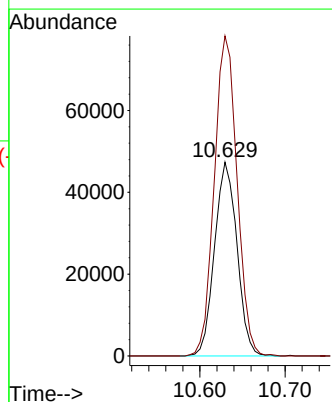
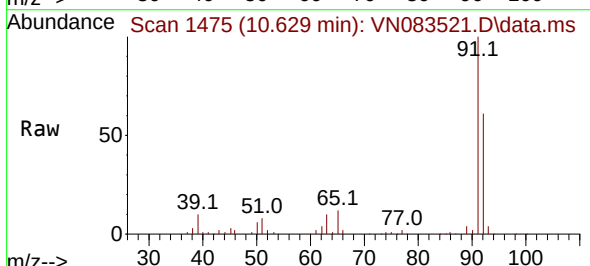
Instrument :
MSVOA_N
ClientSampleId :

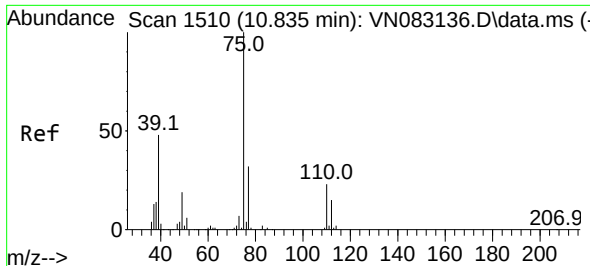
Tgt Ion: 43 Resp: 250327
Ion Ratio Lower Upper
43 100
58 38.7 28.2 42.4



#52
Toluene
Concen: 21.440 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

Tgt Ion: 92 Resp: 86782
Ion Ratio Lower Upper
92 100
91 167.8 139.4 209.0

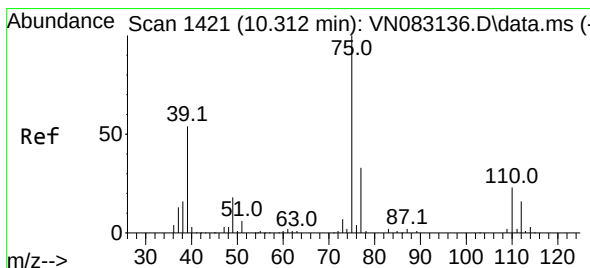
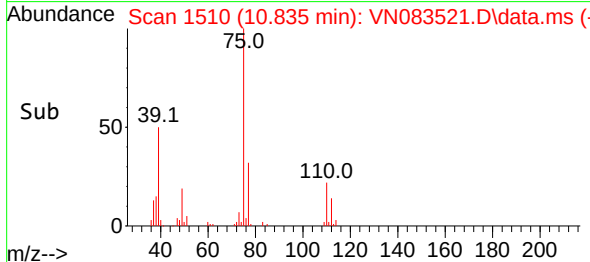
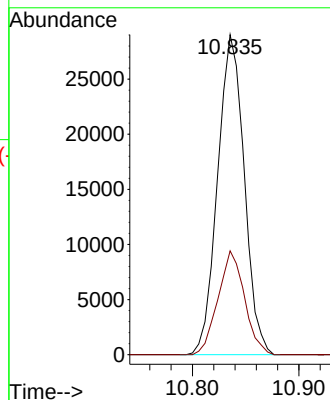
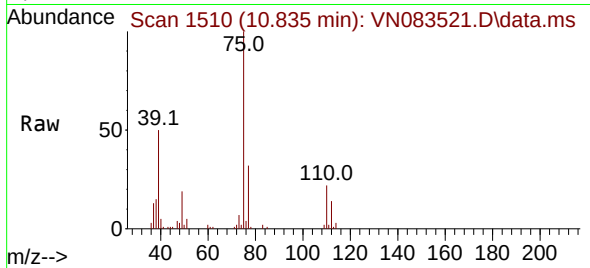




#53
 t-1,3-Dichloropropene
 Concen: 20.059 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN083521.D
 Acq: 27 Aug 2024 19:56

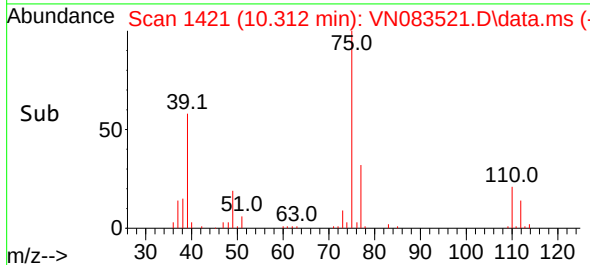
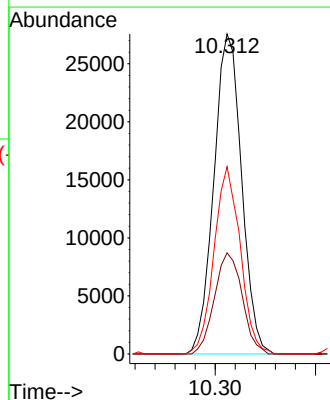
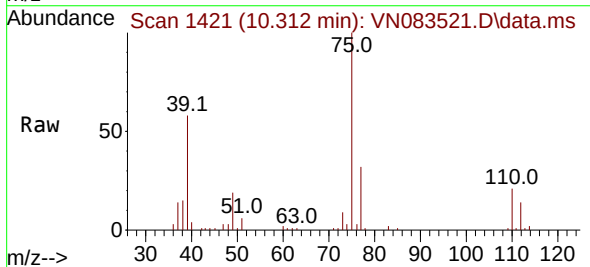
Instrument :
 MSVOA_N
 ClientSampleId :

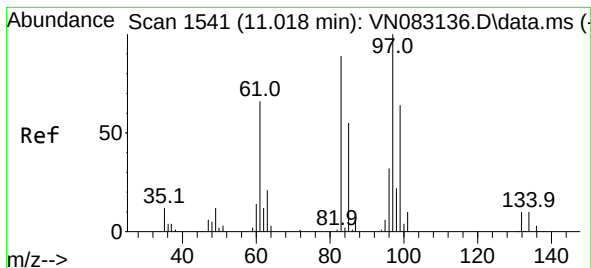
Tgt Ion: 75 Resp: 50357
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 19.819 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083521.D
 Acq: 27 Aug 2024 19:56

Tgt Ion: 75 Resp: 52919
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.3 36.5
 39 58.5 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 22.851 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

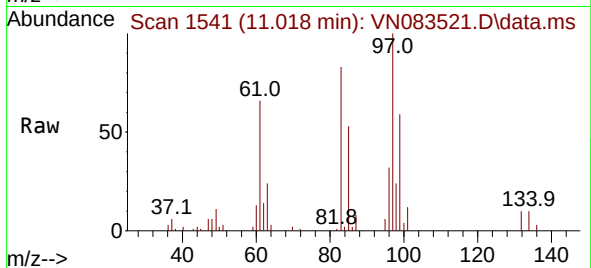
Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 33146

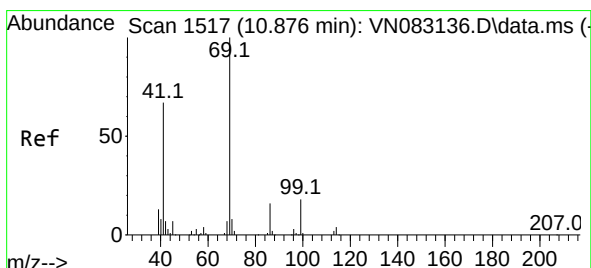
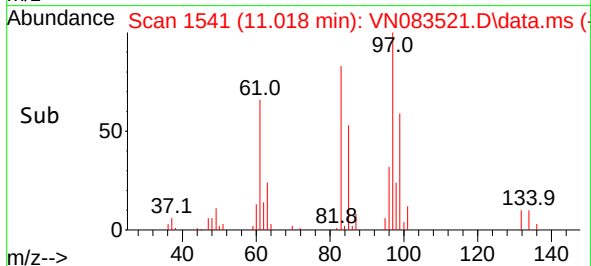
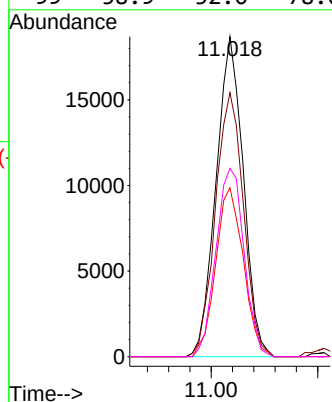
Ion Ratio Lower Upper

97 100

83 82.5 71.4 107.0

85 52.8 45.8 68.6

99 58.9 52.0 78.0



#56

Ethyl methacrylate

Concen: 20.706 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

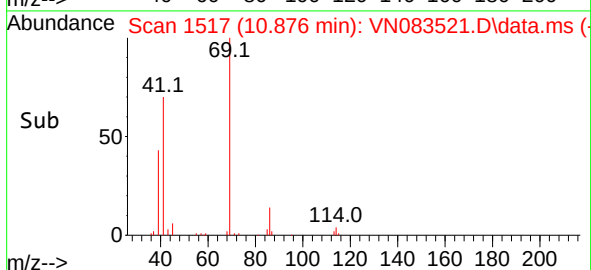
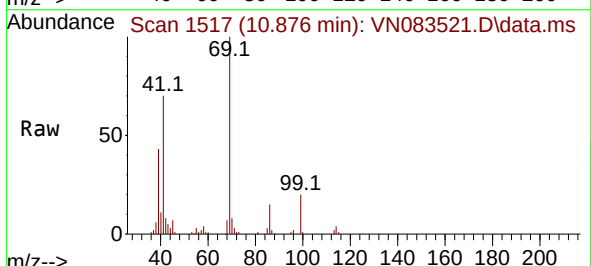
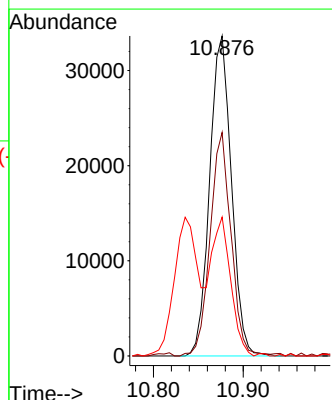
Tgt Ion: 69 Resp: 56623

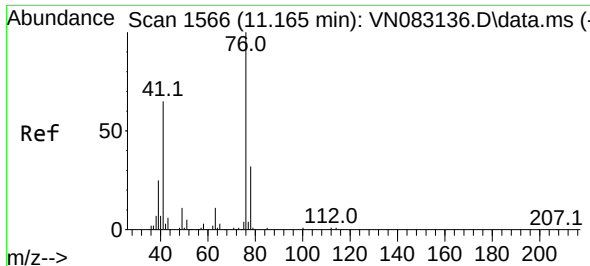
Ion Ratio Lower Upper

69 100

41 67.5 63.4 95.2

39 41.9 37.4 56.0





#57

1,3-Dichloropropane

Concen: 22.107 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

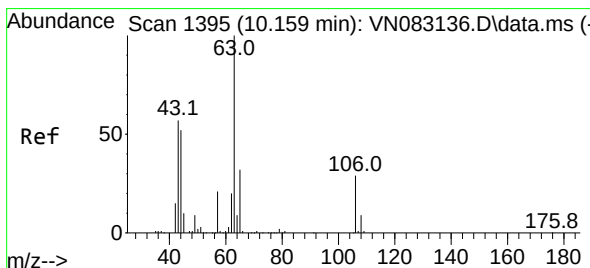
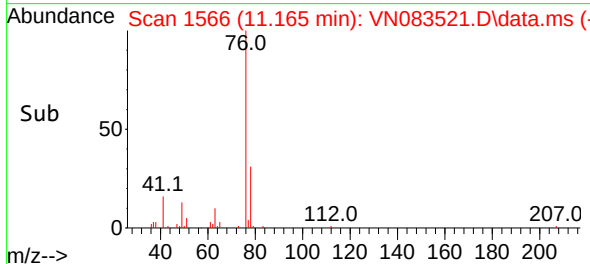
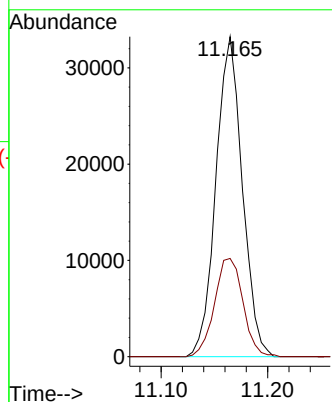
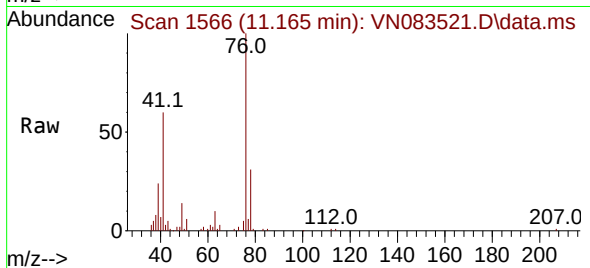
ClientSampleId :

Tgt Ion: 76 Resp: 57157

Ion Ratio Lower Upper

76 100

78 33.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.692 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083521.D

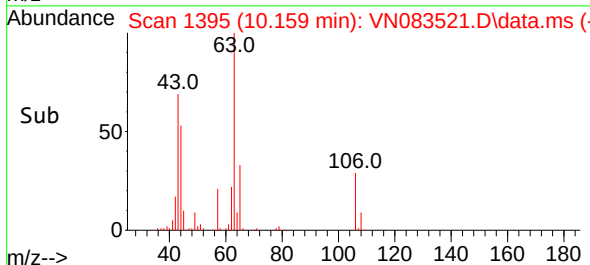
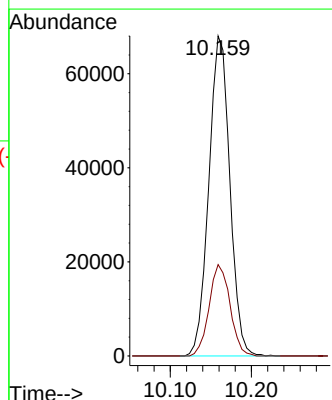
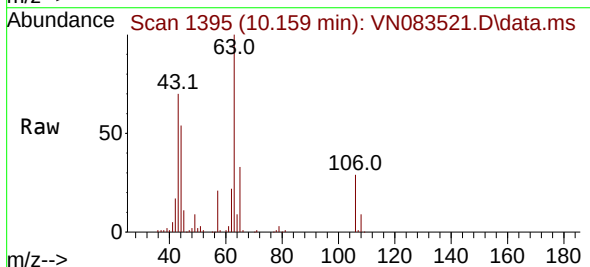
Acq: 27 Aug 2024 19:56

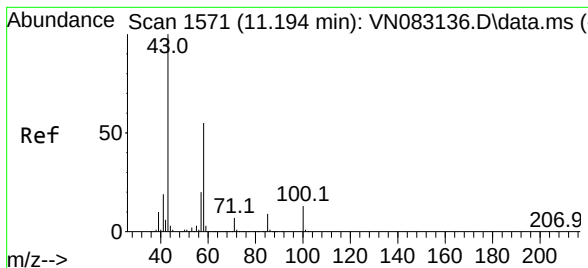
Tgt Ion: 63 Resp: 122169

Ion Ratio Lower Upper

63 100

106 28.4 21.4 32.0

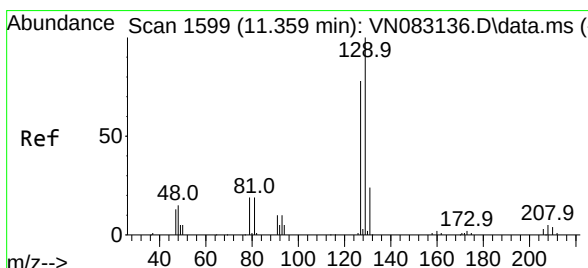
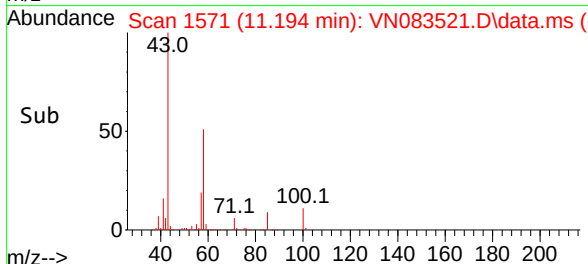
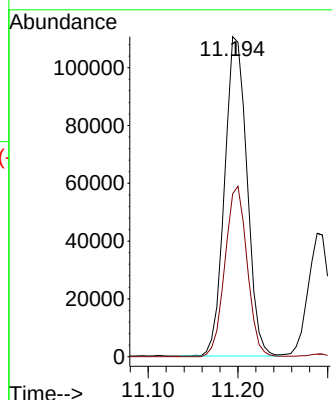
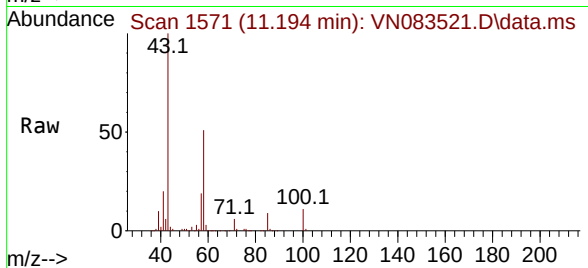




#59
2-Hexanone
Concen: 109.009 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

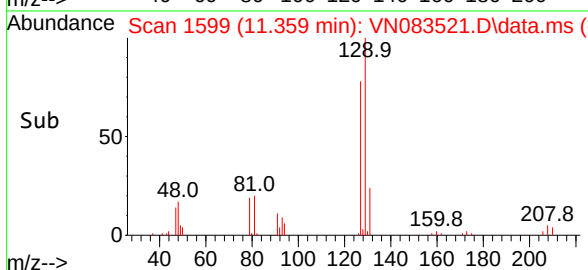
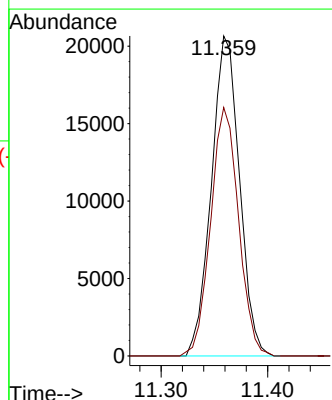
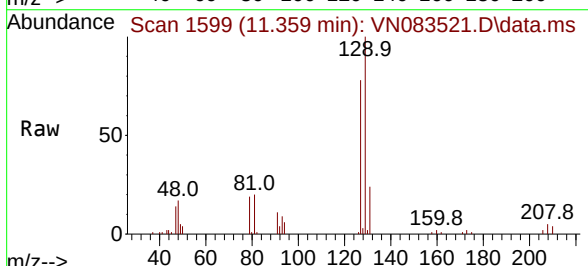
Instrument :
MSVOA_N
ClientSampleId :

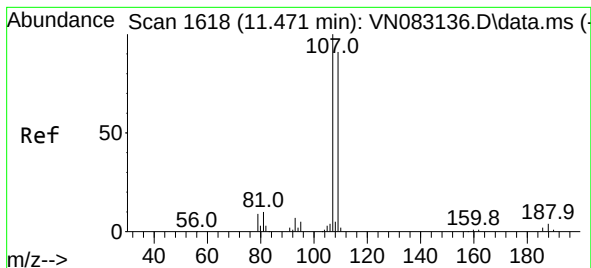
Tgt Ion: 43 Resp: 192015
Ion Ratio Lower Upper
43 100
58 52.7 24.6 73.8



#60
Dibromochloromethane
Concen: 21.591 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

Tgt Ion:129 Resp: 37866
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6





#61

1,2-Dibromoethane

Concen: 21.327 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

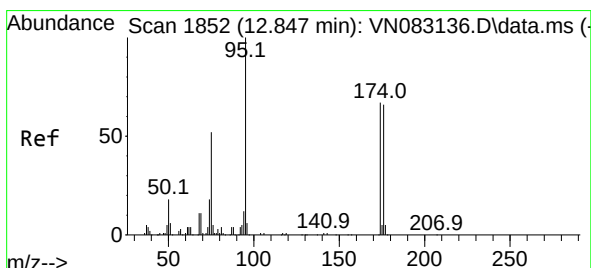
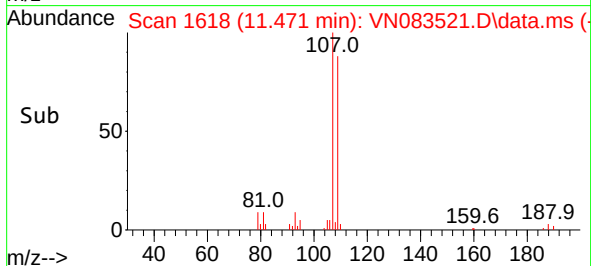
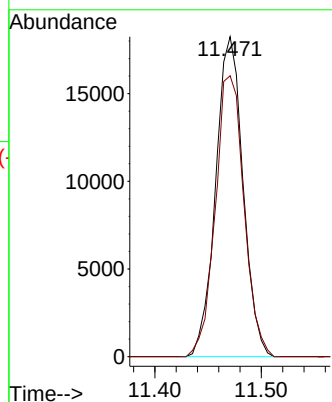
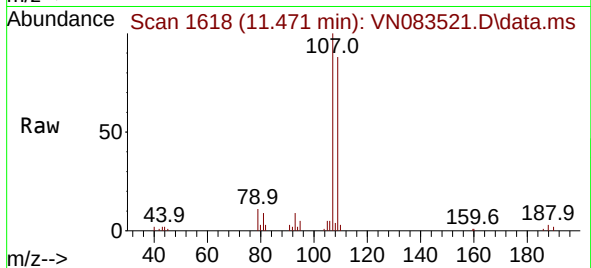
ClientSampleId :

Tgt Ion:107 Resp: 32498

Ion Ratio Lower Upper

107 100

109 92.0 73.7 110.5



#62

4-Bromofluorobenzene

Concen: 58.573 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

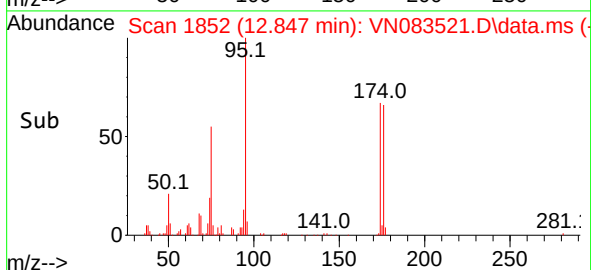
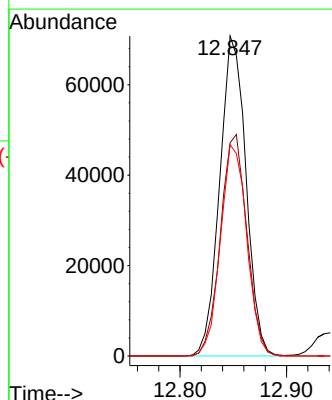
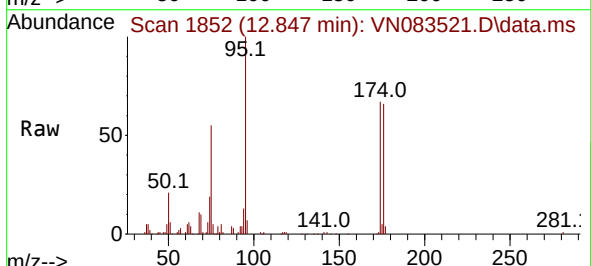
Tgt Ion: 95 Resp: 121089

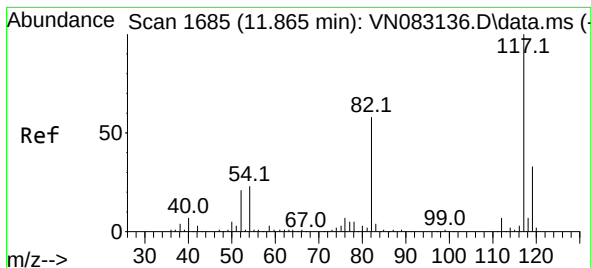
Ion Ratio Lower Upper

95 100

174 69.9 0.0 159.2

176 66.3 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

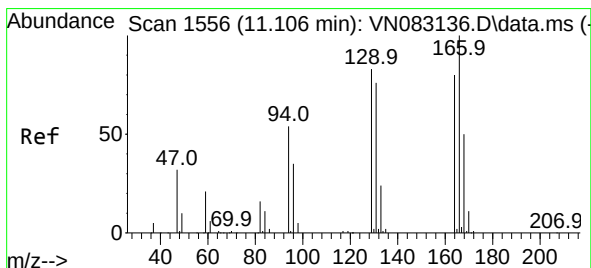
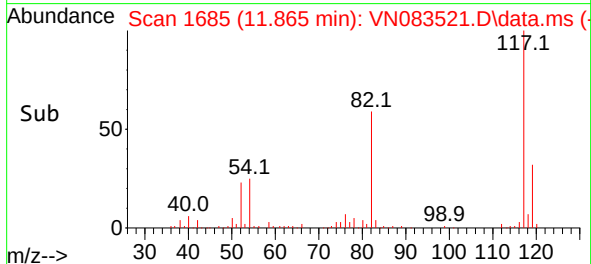
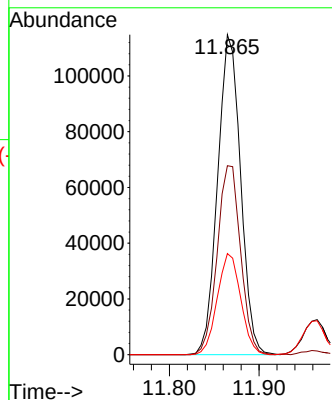
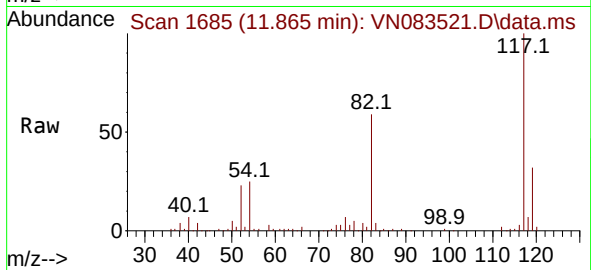
Tgt Ion:117 Resp: 203963

Ion Ratio Lower Upper

117 100

82 59.0 47.5 71.3

119 31.6 25.6 38.4



#64

Tetrachloroethene

Concen: 19.905 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Tgt Ion:164 Resp: 26888

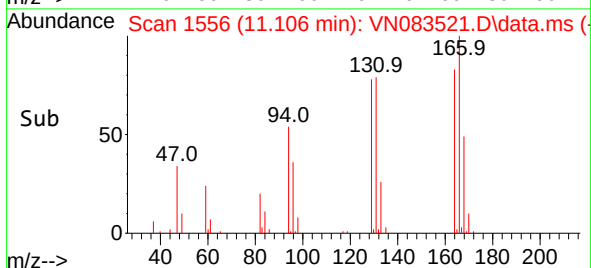
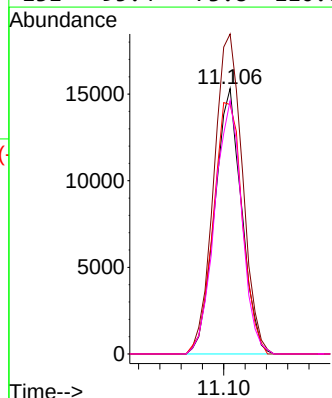
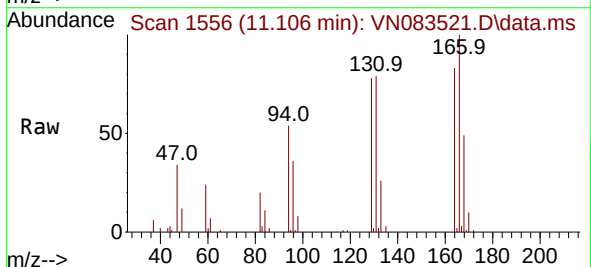
Ion Ratio Lower Upper

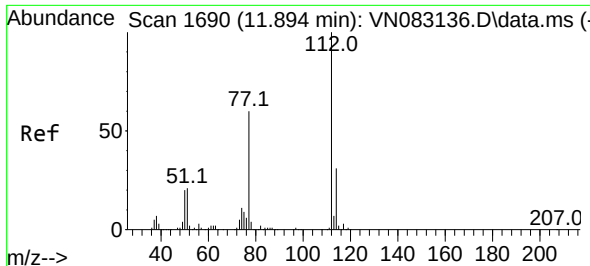
164 100

166 120.6 101.4 152.0

129 94.0 75.7 113.5

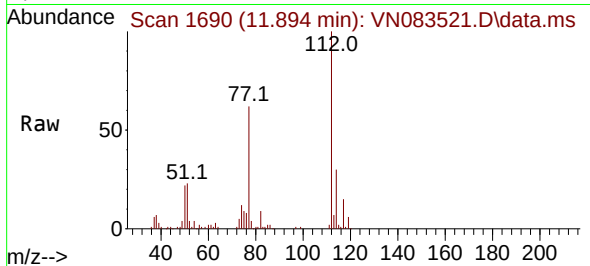
131 95.4 73.8 110.6



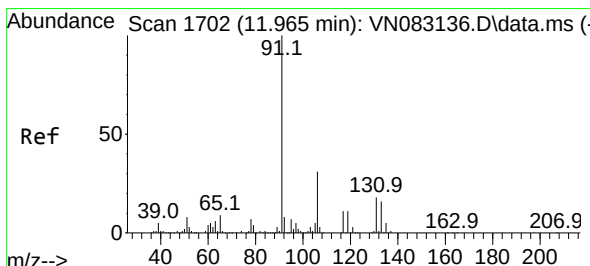
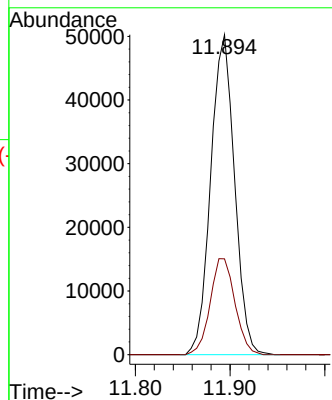
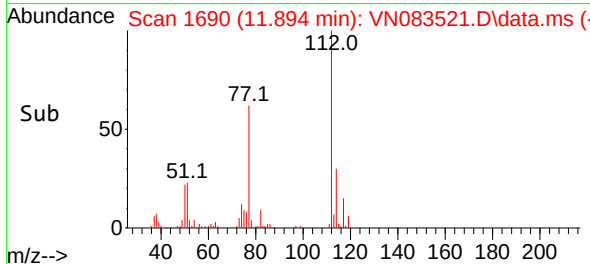


#65
Chlorobenzene
Concen: 19.441 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

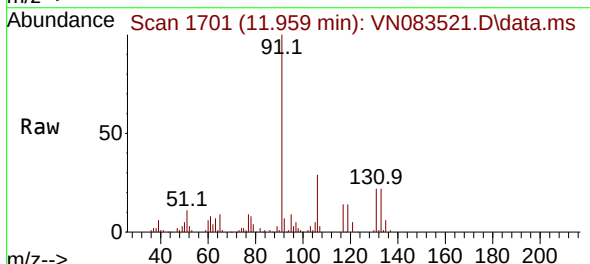
Instrument :
MSVOA_N
ClientSampleId :



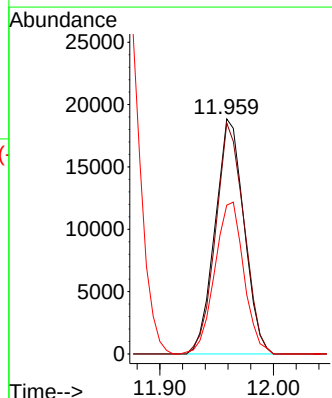
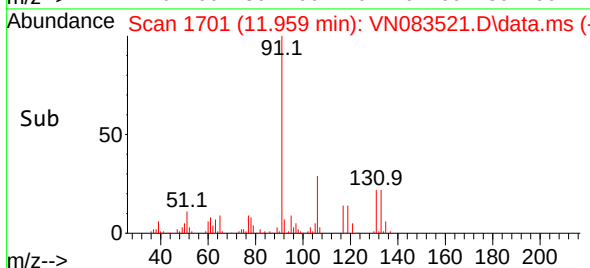
Tgt Ion:112 Resp: 87627
Ion Ratio Lower Upper
112 100
114 29.9 26.2 39.2

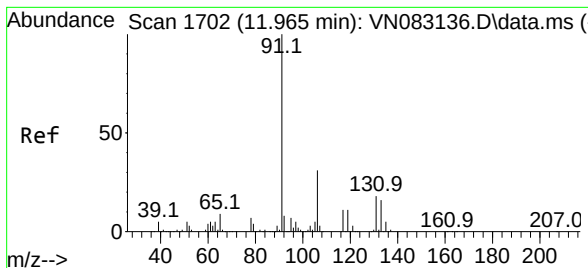


#66
1,1,1,2-Tetrachloroethane
Concen: 20.953 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56



Tgt Ion:131 Resp: 33308
Ion Ratio Lower Upper
131 100
133 96.7 47.3 142.0
119 65.0 32.5 97.4

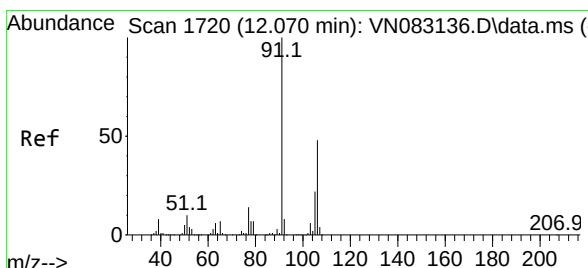
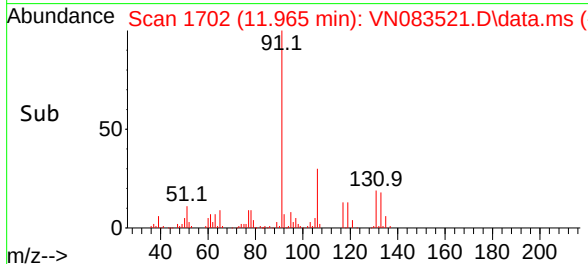
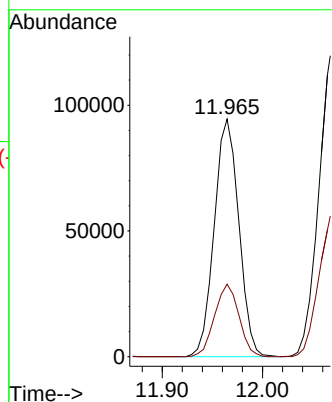
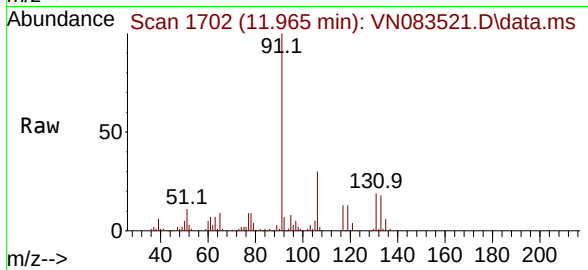




#67
Ethyl Benzene
Concen: 19.414 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

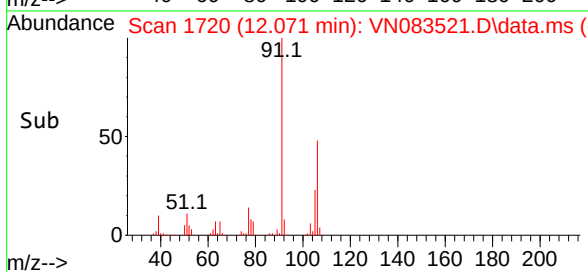
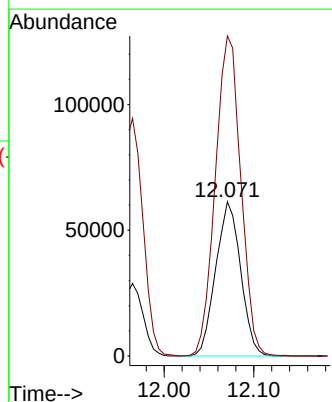
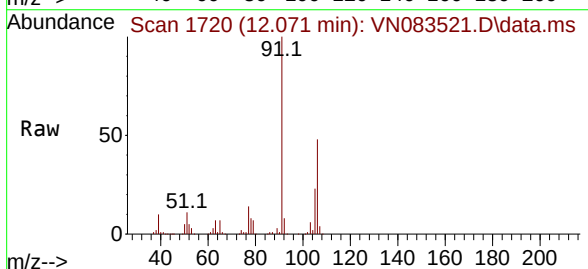
Instrument :
MSVOA_N
ClientSampleId :

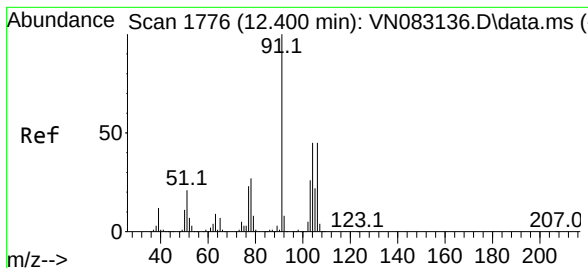
Tgt Ion: 91 Resp: 160525
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0



#68
m/p-Xylenes
Concen: 38.223 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

Tgt Ion:106 Resp: 118391
Ion Ratio Lower Upper
106 100
91 212.3 166.1 249.1





#69

o-Xylene

Concen: 19.602 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

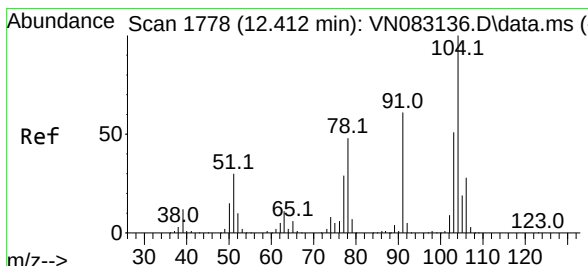
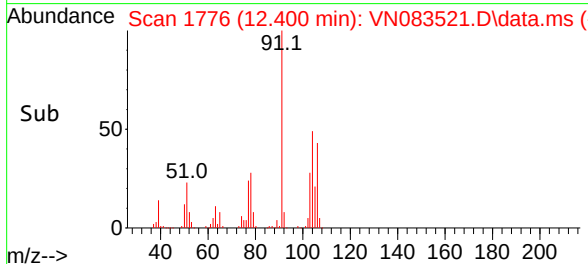
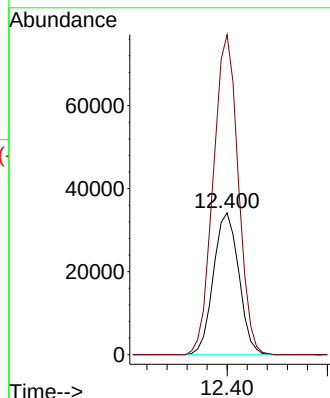
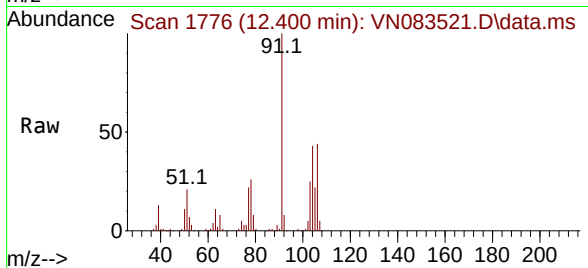
ClientSampleId :

Tgt Ion:106 Resp: 59882

Ion Ratio Lower Upper

106 100

91 222.3 111.3 333.9



#70

Styrene

Concen: 19.203 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

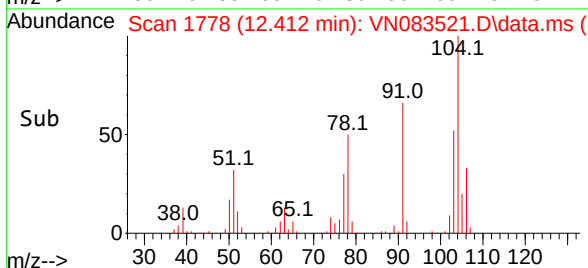
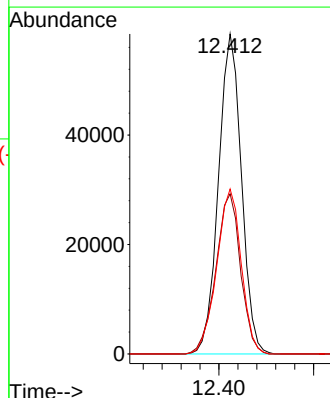
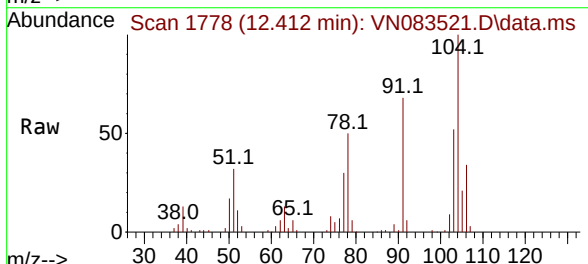
Tgt Ion:104 Resp: 98524

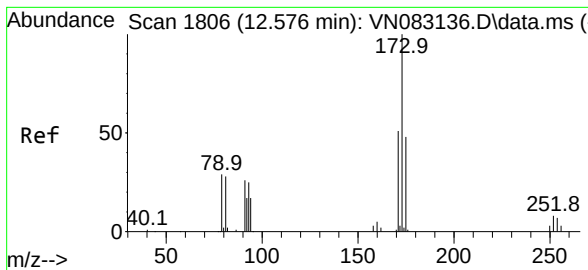
Ion Ratio Lower Upper

104 100

78 53.8 41.6 62.4

103 55.0 44.0 66.0





#71

Bromoform

Concen: 20.118 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

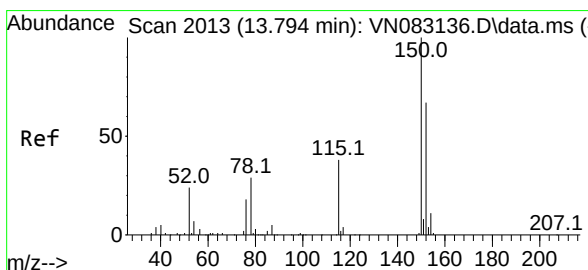
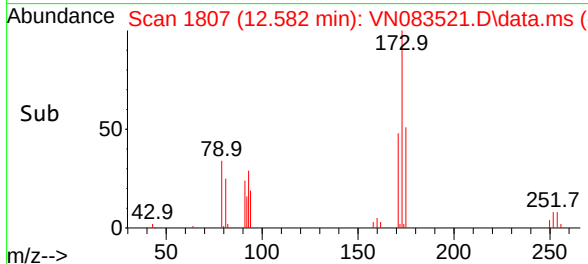
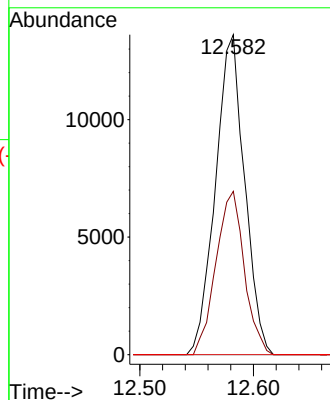
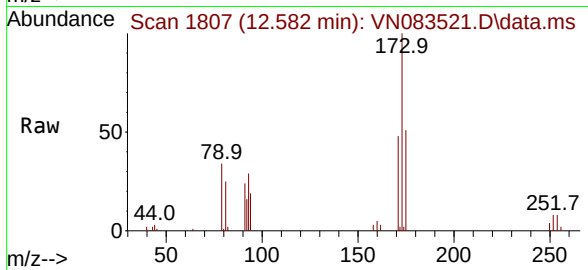
Tgt Ion:173 Resp: 24228

Ion Ratio Lower Upper

173 100

175 49.8 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

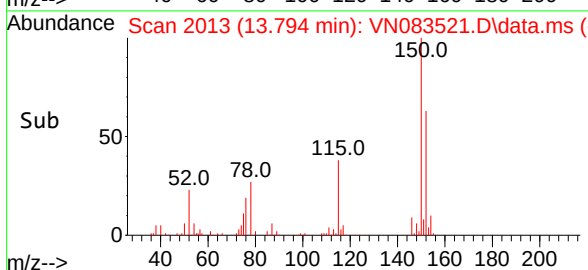
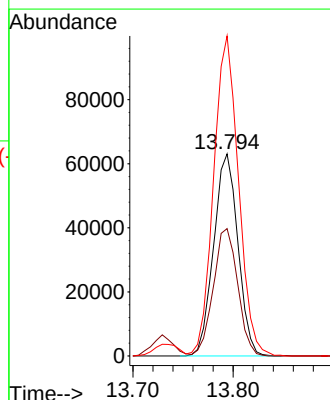
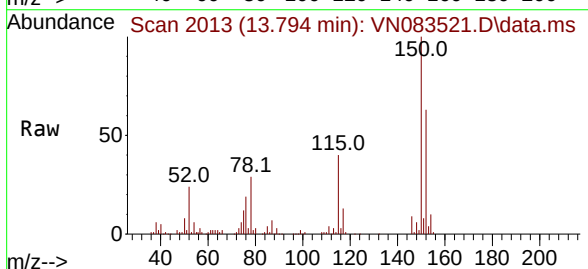
Tgt Ion:152 Resp: 105849

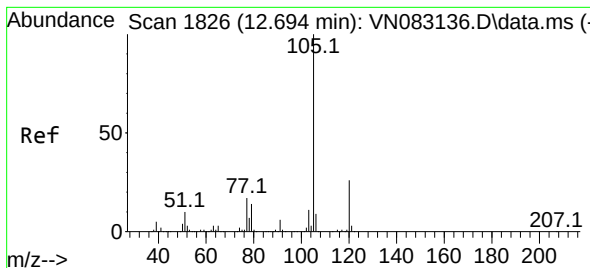
Ion Ratio Lower Upper

152 100

115 63.3 30.6 91.6

150 162.6 0.0 348.6





#73

Isopropylbenzene

Concen: 17.269 ug/l

RT: 12.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

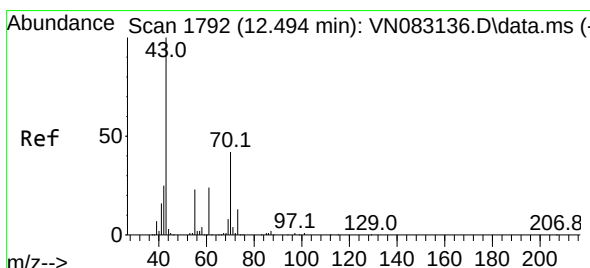
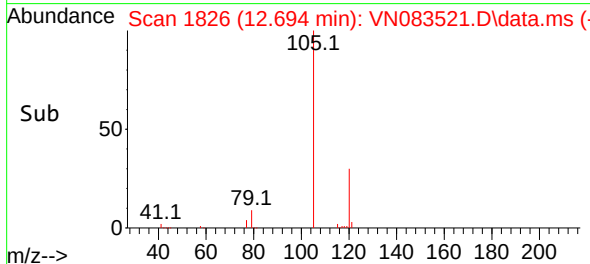
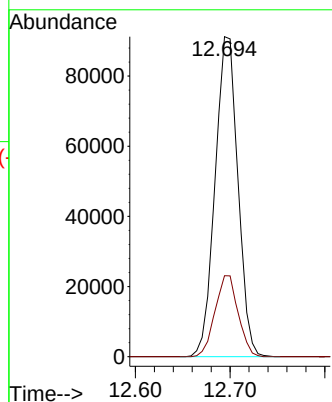
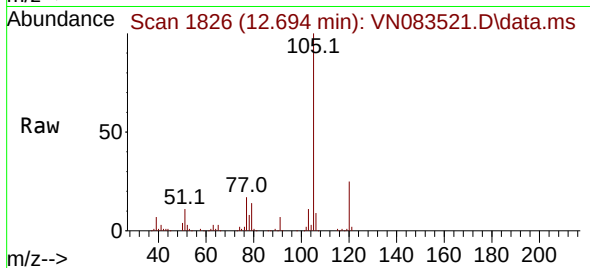
ClientSampleId :

Tgt Ion:105 Resp: 152893

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.6



#74

N-ethyl acetate

Concen: 17.684 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Tgt Ion: 43 Resp: 76584

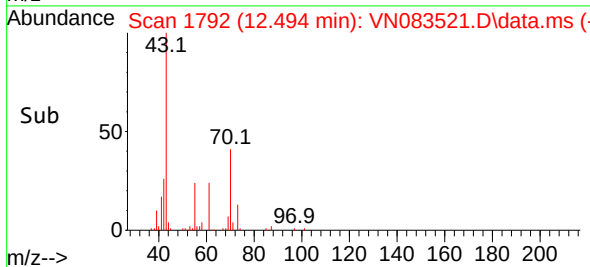
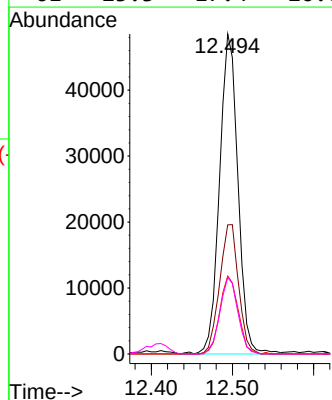
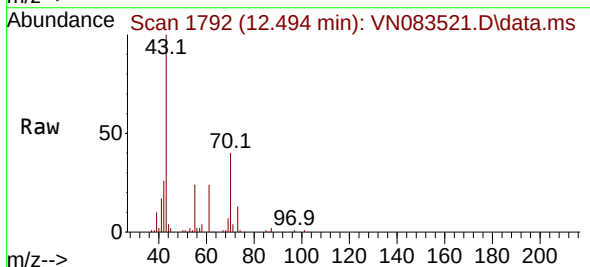
Ion Ratio Lower Upper

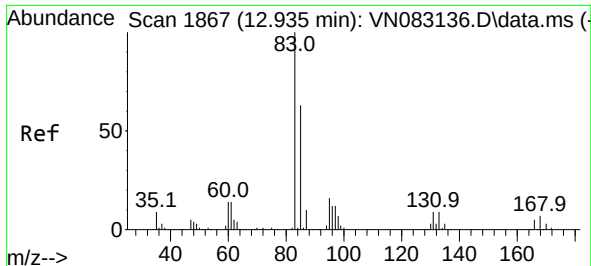
43 100

70 41.6 29.8 44.6

55 24.3 18.7 28.1

61 23.3 17.4 26.0

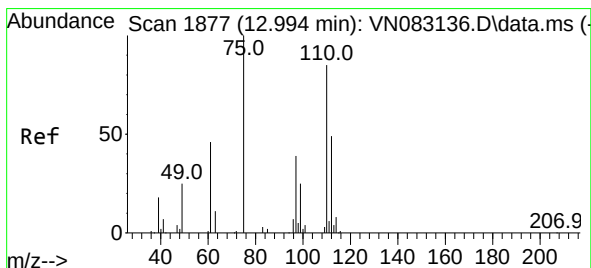
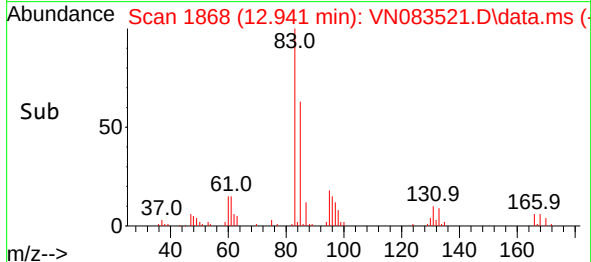
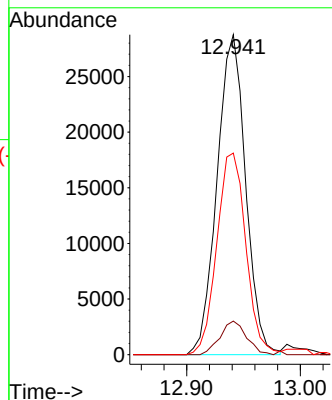
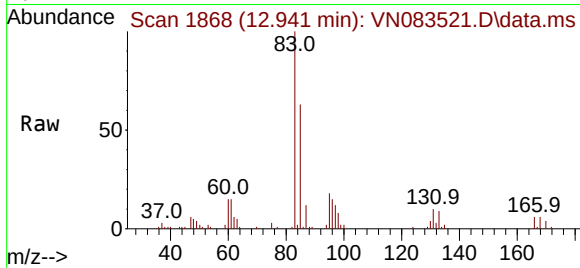




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.081 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.006 min
 Lab File: VN083521.D
 Acq: 27 Aug 2024 19:56

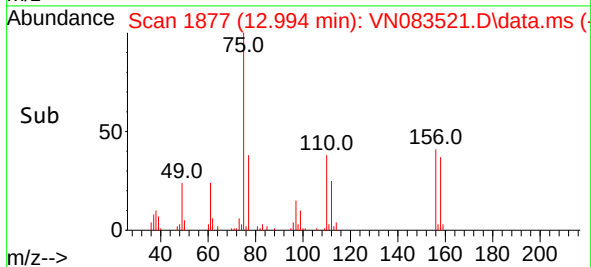
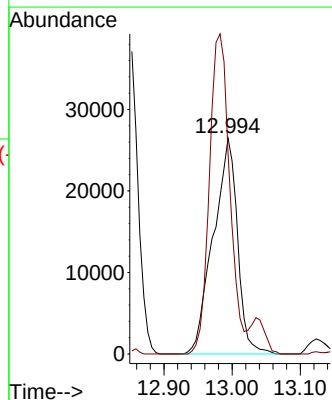
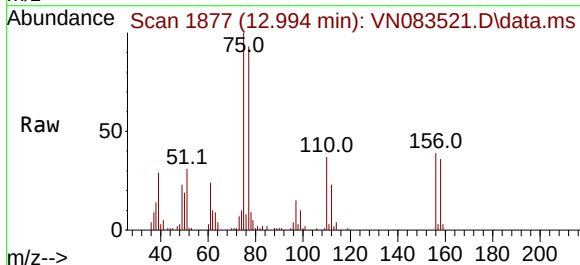
Instrument :
 MSVOA_N
 ClientSampleId :

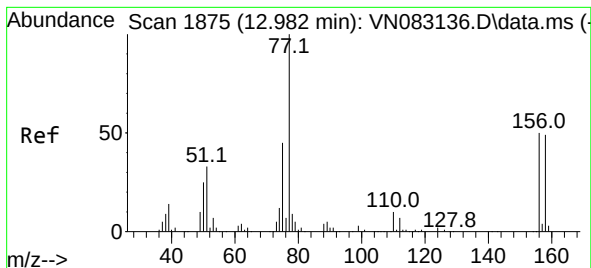
Tgt Ion: 83 Resp: 50283
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 14.9
 85 64.0 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 28.142 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN083521.D
 Acq: 27 Aug 2024 19:56

Tgt Ion: 75 Resp: 65378
 Ion Ratio Lower Upper
 75 100
 77 124.0 110.9 332.6





#77

Bromobenzene

Concen: 17.620 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

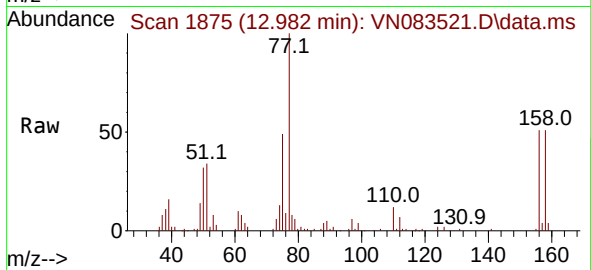
Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :



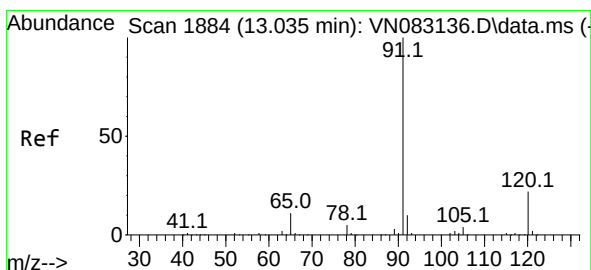
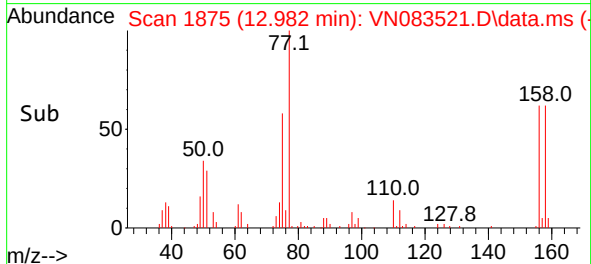
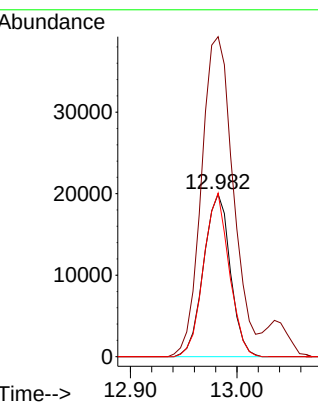
Tgt Ion:156 Resp: 34653

Ion	Ratio	Lower	Upper
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156	100		
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77	233.9	111.3	333.8
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158	96.8	48.3	144.9
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#78

n-propylbenzene

Concen: 16.724 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083521.D

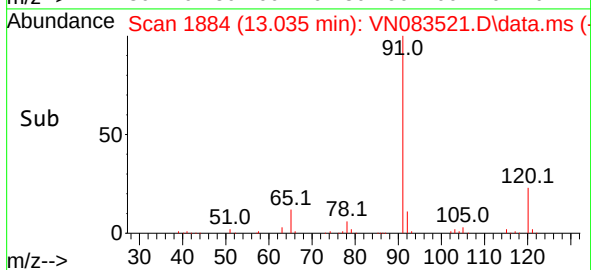
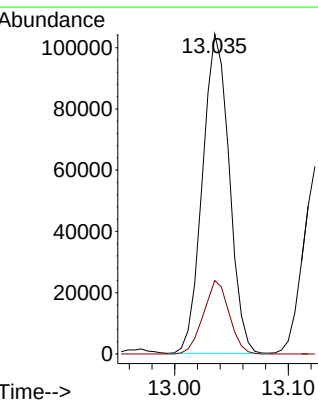
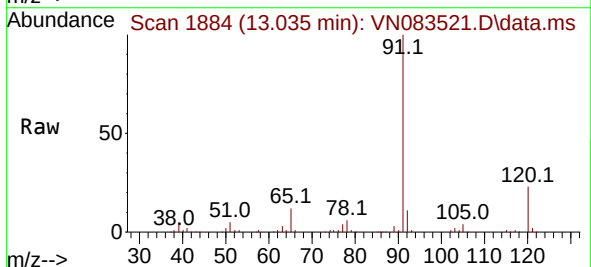
Acq: 27 Aug 2024 19:56

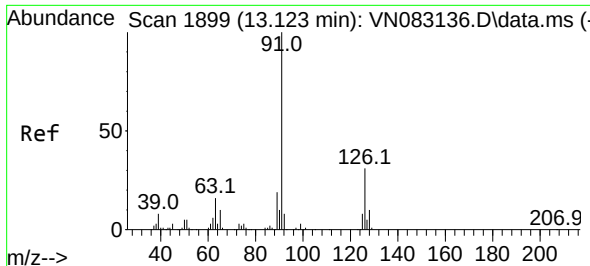
Tgt Ion: 91 Resp: 170498

Ion	Ratio	Lower	Upper
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91	100		
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120	22.0	10.9	32.9
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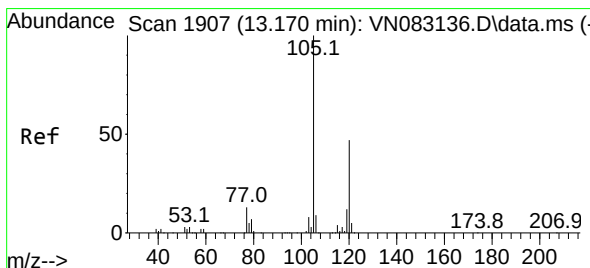
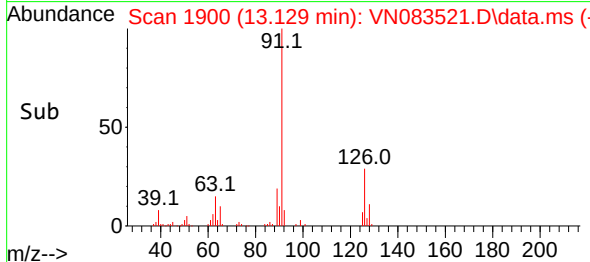
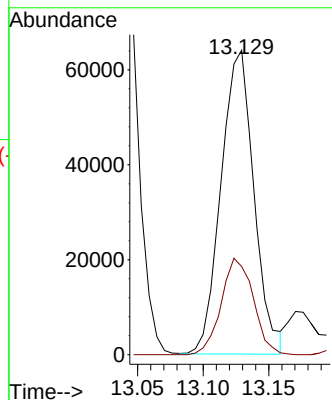
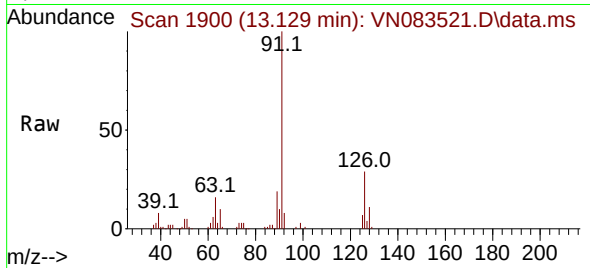




#79
2-Chlorotoluene
Concen: 17.299 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

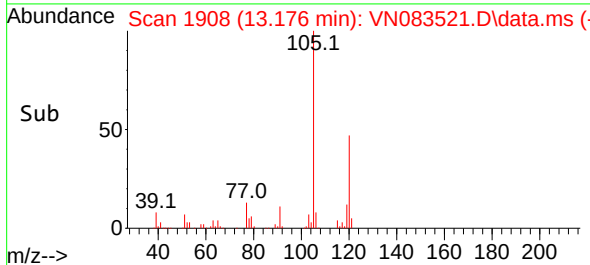
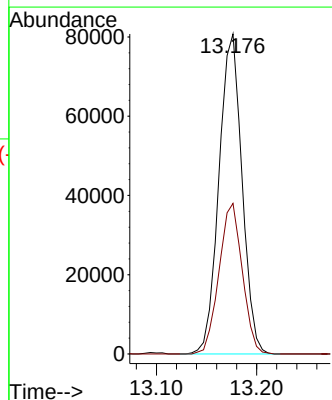
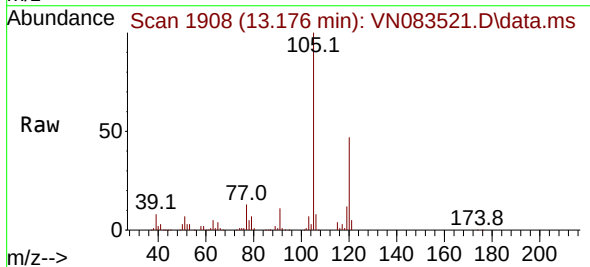
Instrument :
MSVOA_N
ClientSampleId :

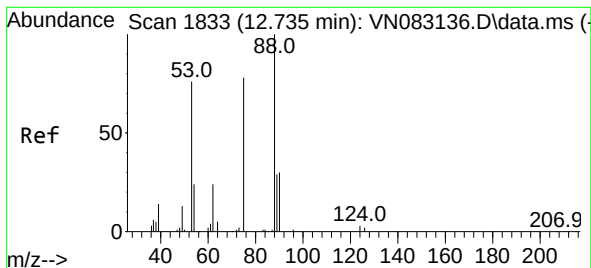
Tgt Ion: 91 Resp: 111809
Ion Ratio Lower Upper
91 100
126 30.9 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 17.363 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

Tgt Ion: 105 Resp: 128698
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.8

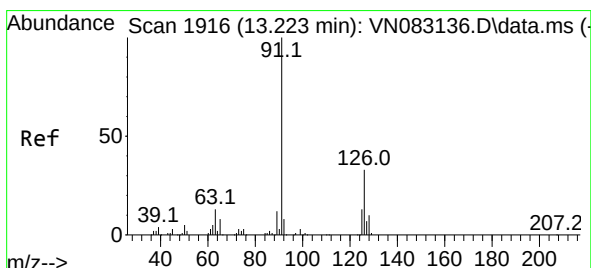
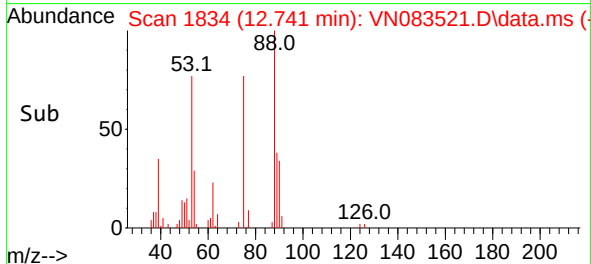
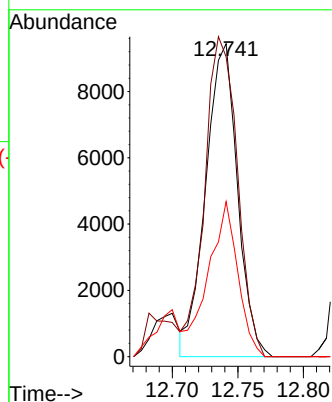
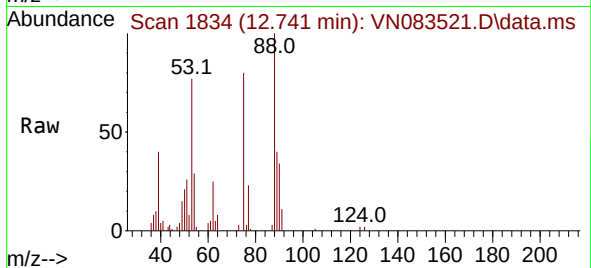




#81
 trans-1,4-Dichloro-2-butene
 Concen: 14.877 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.006 min
 Lab File: VN083521.D
 Acq: 27 Aug 2024 19:56

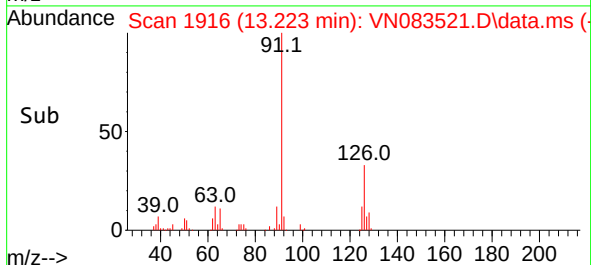
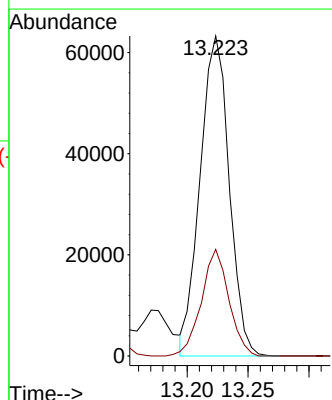
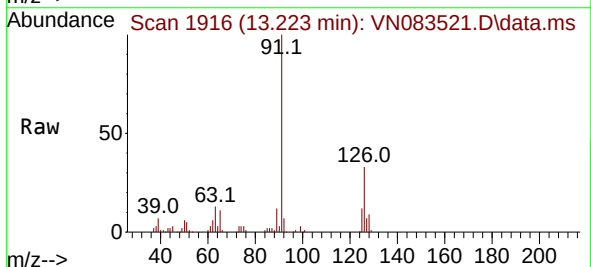
Instrument :
 MSVOA_N
 ClientSampleId :

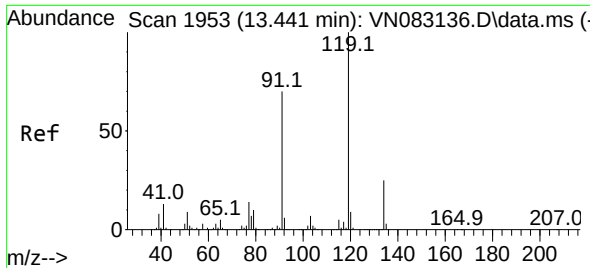
Tgt Ion: 75 Resp: 15888
 Ion Ratio Lower Upper
 75 100
 53 105.3 88.4 132.6
 89 44.8 36.3 54.5



#82
 4-Chlorotoluene
 Concen: 16.261 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN083521.D
 Acq: 27 Aug 2024 19:56

Tgt Ion: 91 Resp: 105420
 Ion Ratio Lower Upper
 91 100
 126 31.5 16.2 48.6

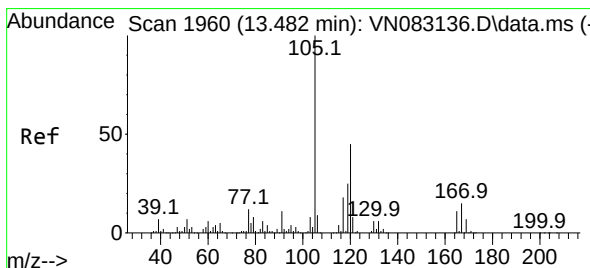
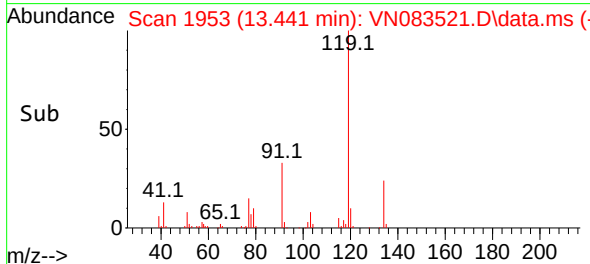
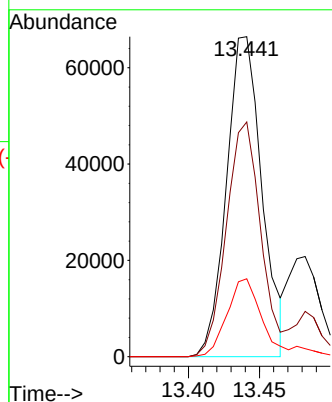
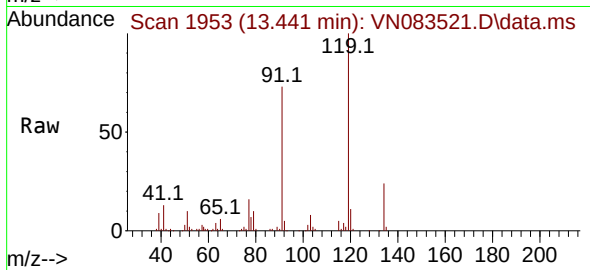




#83
 tert-Butylbenzene
 Concen: 17.594 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN083521.D
 Acq: 27 Aug 2024 19:56

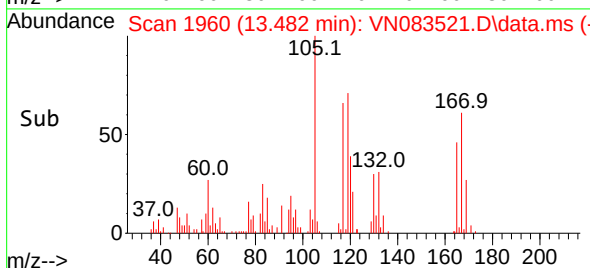
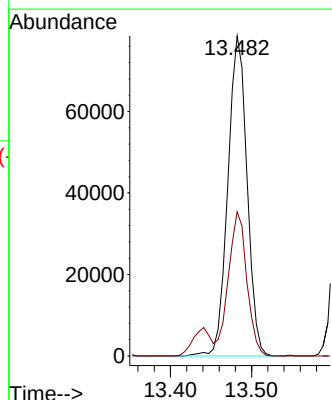
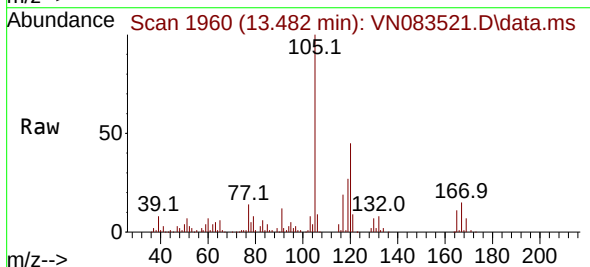
Instrument :
 MSVOA_N
 ClientSampleId :

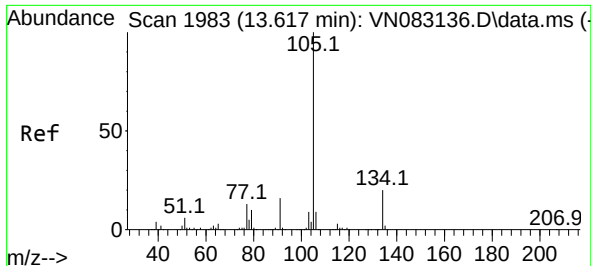
Tgt Ion:119 Resp: 115492
 Ion Ratio Lower Upper
 119 100
 91 72.5 35.0 105.1
 134 25.3 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 17.243 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN083521.D
 Acq: 27 Aug 2024 19:56

Tgt Ion:105 Resp: 128800
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.9 65.8

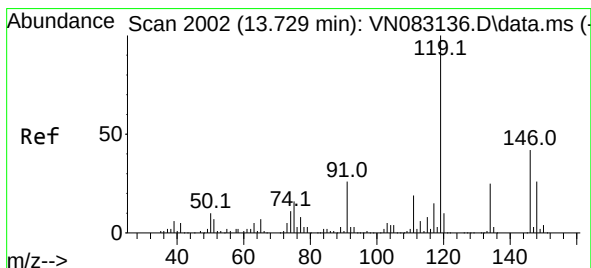
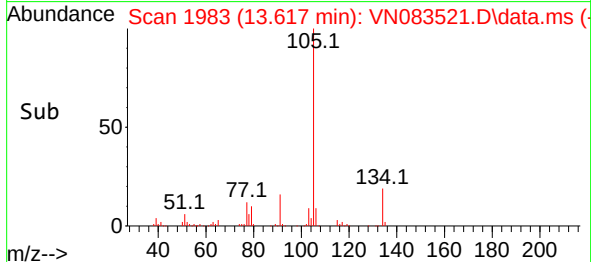
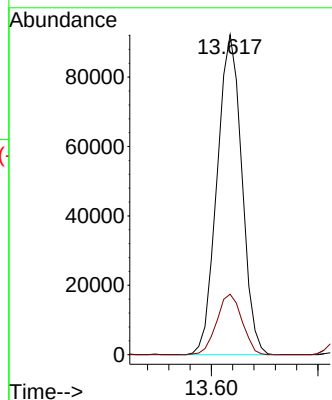
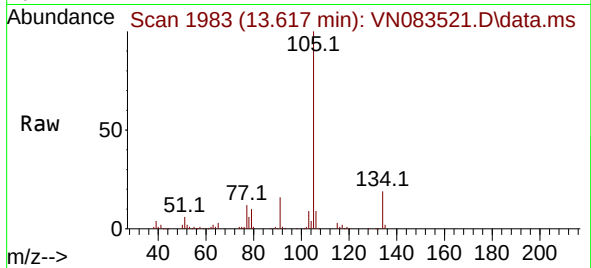




#85
 sec-Butylbenzene
 Concen: 16.599 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083521.D
 Acq: 27 Aug 2024 19:56

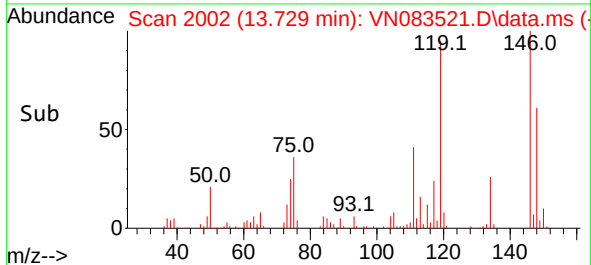
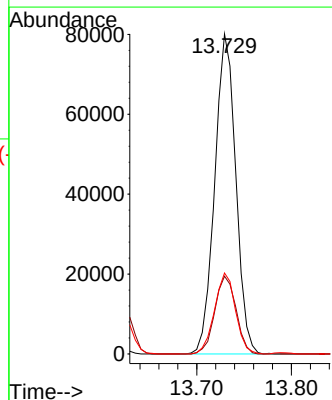
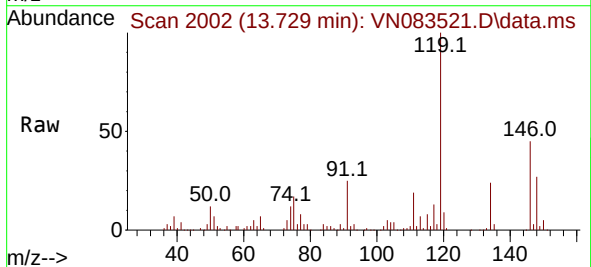
Instrument :
 MSVOA_N
 ClientSampleId :

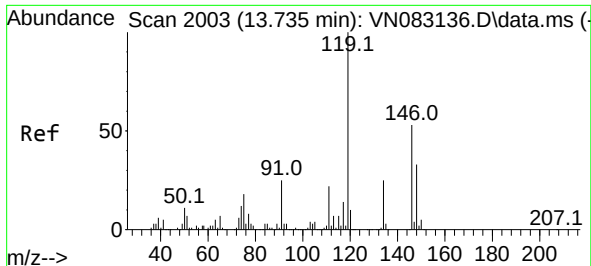
Tgt Ion:105 Resp: 148676
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 16.741 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083521.D
 Acq: 27 Aug 2024 19:56

Tgt Ion:119 Resp: 123807
 Ion Ratio Lower Upper
 119 100
 134 24.5 13.0 39.0
 91 25.1 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 16.928 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

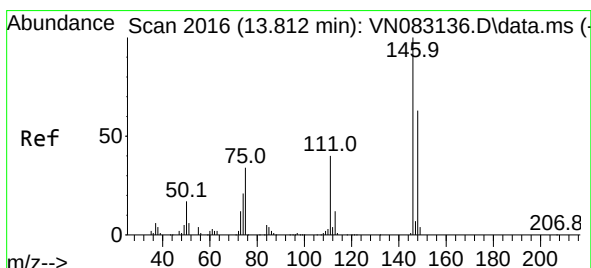
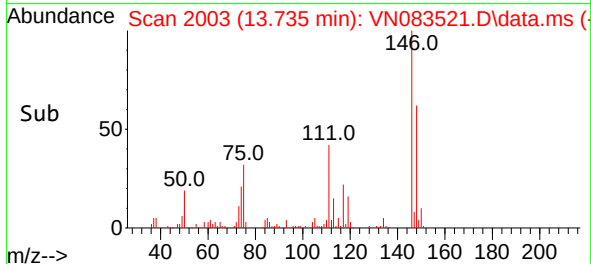
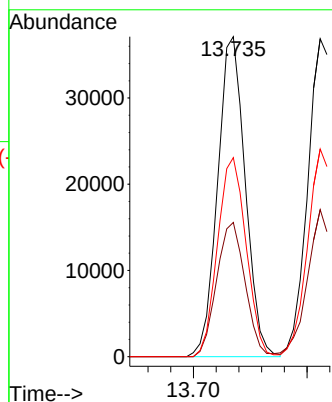
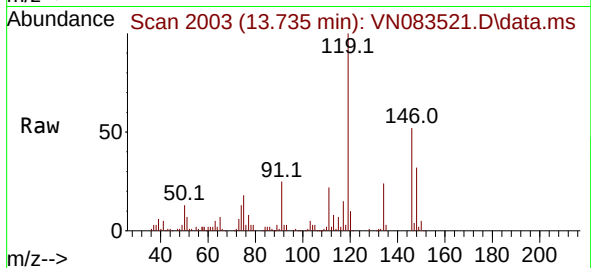
Tgt Ion:146 Resp: 62645

Ion Ratio Lower Upper

146 100

111 43.2 20.6 61.9

148 64.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 16.918 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

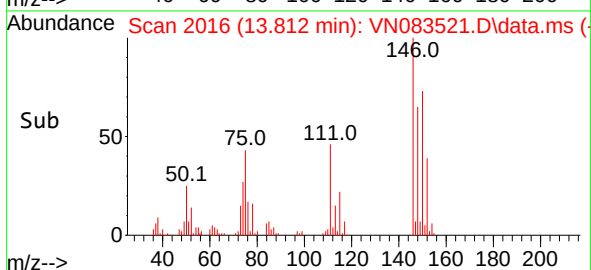
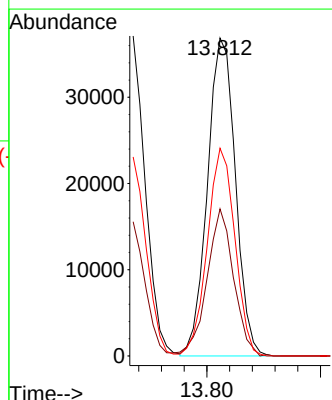
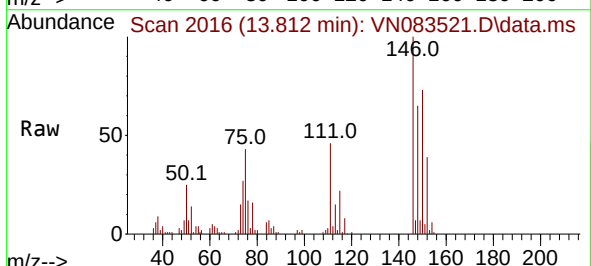
Tgt Ion:146 Resp: 63117

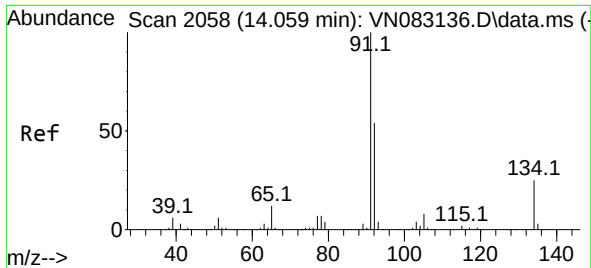
Ion Ratio Lower Upper

146 100

111 44.1 20.1 60.3

148 64.6 32.2 96.6

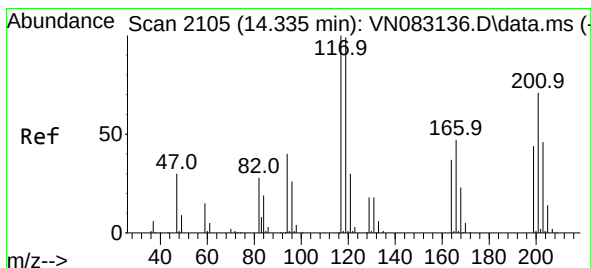
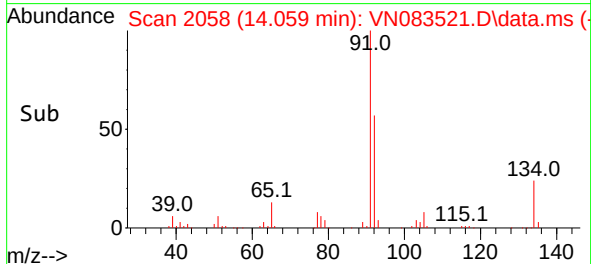
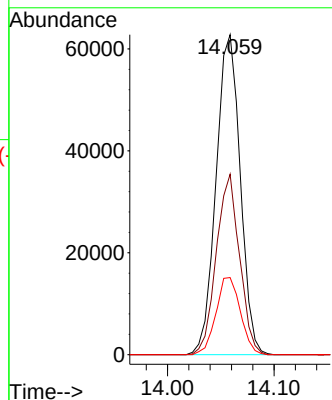
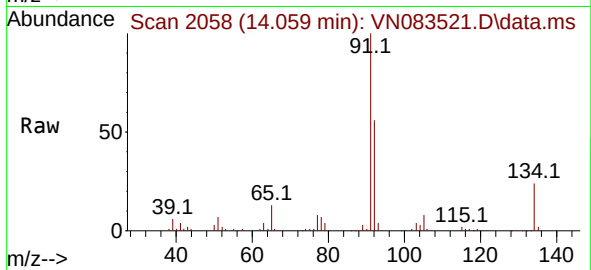




#89
n-Butylbenzene
Concen: 15.425 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

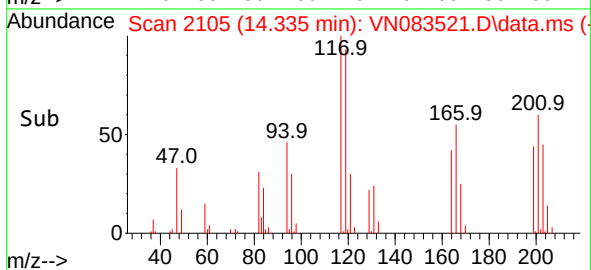
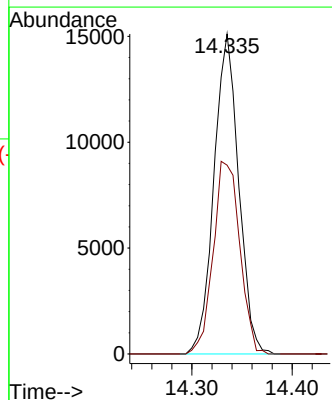
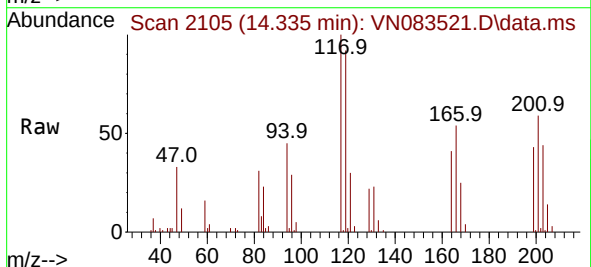
Instrument :
MSVOA_N
ClientSampleId :

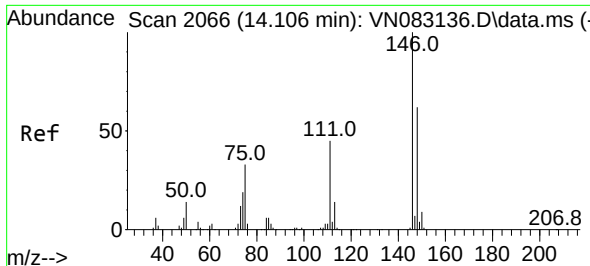
Tgt Ion:	91	Resp:	98843
Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.1	78.3
134	24.4	12.1	36.3



#90
Hexachloroethane
Concen: 18.087 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083521.D
Acq: 27 Aug 2024 19:56

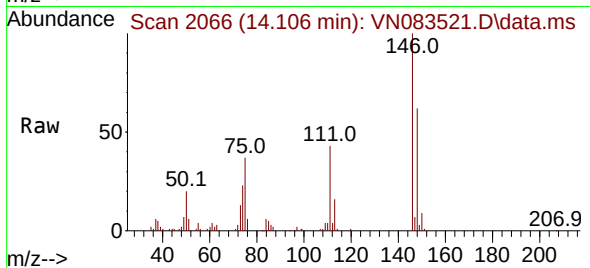
Tgt Ion:	117	Resp:	25842
Ion	Ratio	Lower	Upper
117	100		
201	64.7	35.8	107.3



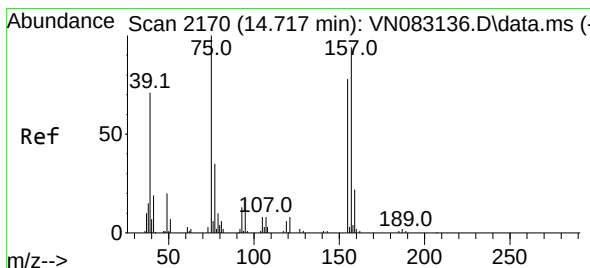
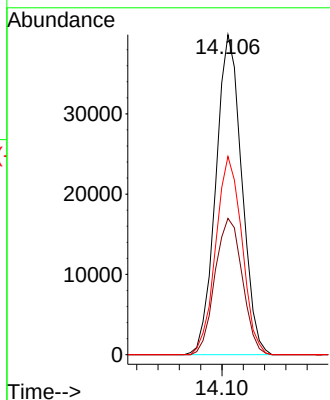
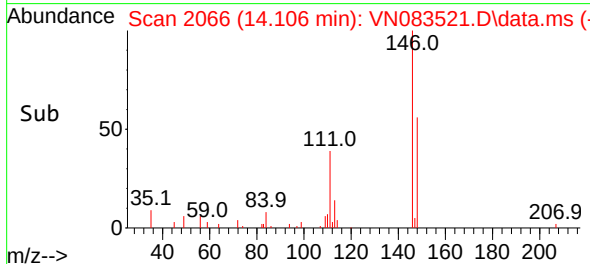


#91
 1,2-Dichlorobenzene
 Concen: 18.808 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN083521.D
 Acq: 27 Aug 2024 19:56

Instrument :
 MSVOA_N
 ClientSampleId :

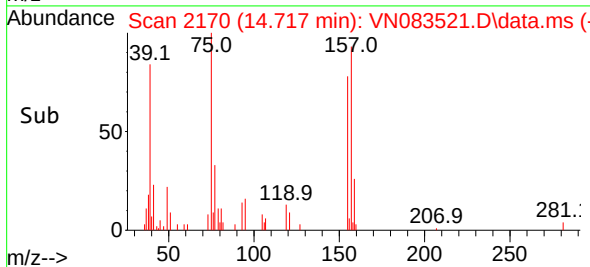
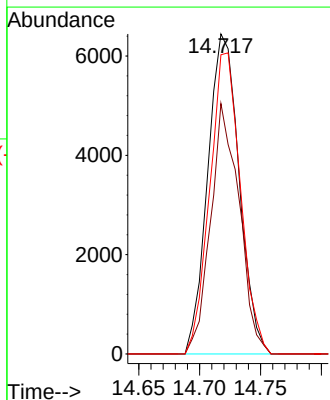
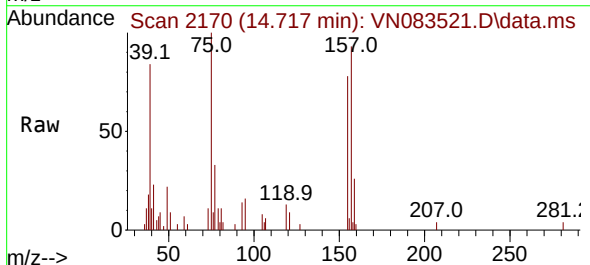


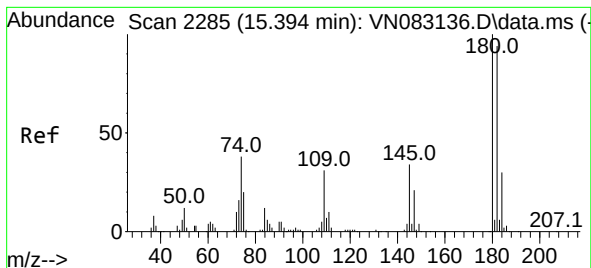
Tgt Ion:146 Resp: 67354
 Ion Ratio Lower Upper
 146 100
 111 44.9 21.4 64.2
 148 62.6 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.018 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VN083521.D
 Acq: 27 Aug 2024 19:56

Tgt Ion: 75 Resp: 11556
 Ion Ratio Lower Upper
 75 100
 155 71.3 36.6 109.8
 157 92.1 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 16.303 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

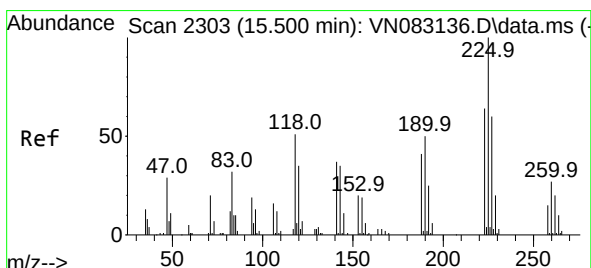
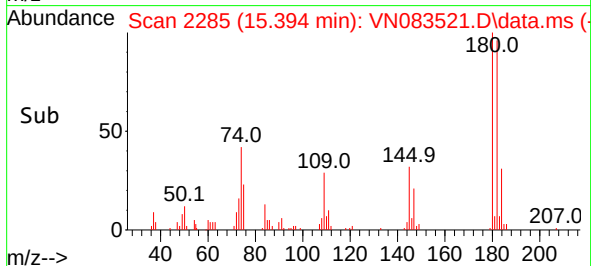
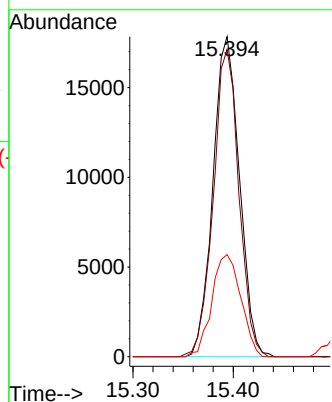
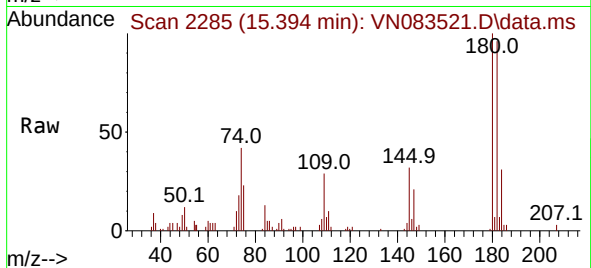
Tgt Ion:180 Resp: 32709

Ion Ratio Lower Upper

180 100

182 92.8 47.3 141.8

145 34.9 15.7 47.1



#94

Hexachlorobutadiene

Concen: 16.420 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

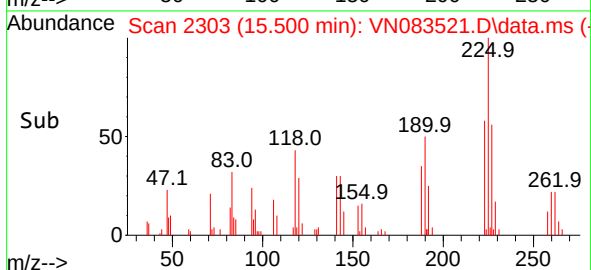
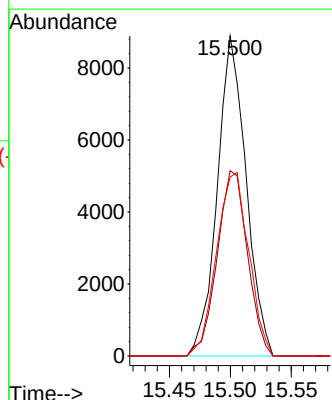
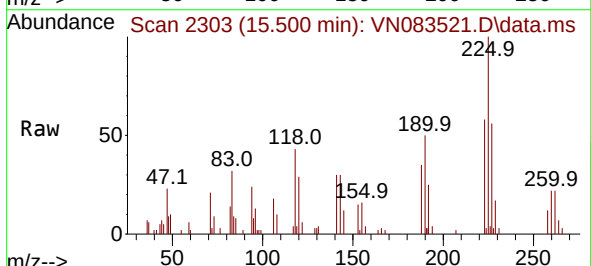
Tgt Ion:225 Resp: 14651

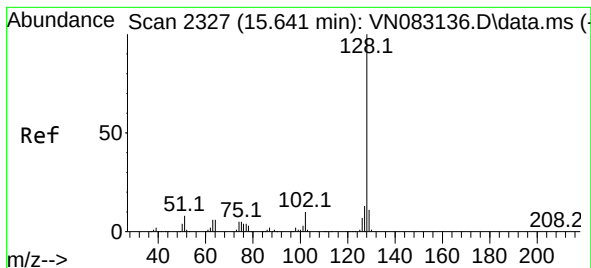
Ion Ratio Lower Upper

225 100

223 60.7 31.9 95.7

227 63.9 32.5 97.5





#95

Naphthalene

Concen: 16.226 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Instrument :

MSVOA_N

ClientSampleId :

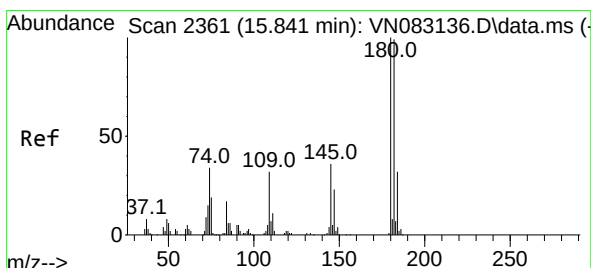
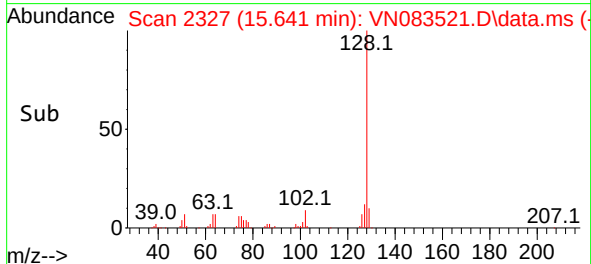
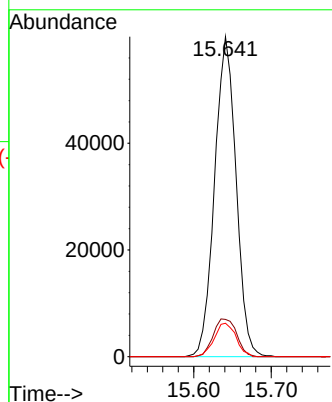
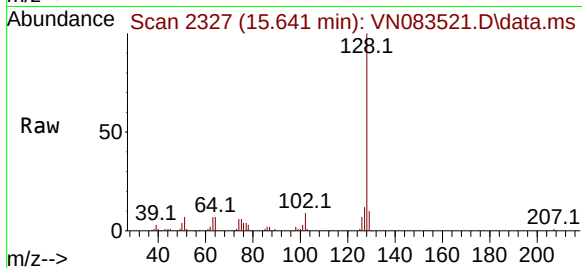
Tgt Ion:128 Resp: 115314

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 16.292 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083521.D

Acq: 27 Aug 2024 19:56

Tgt Ion:180 Resp: 32343

Ion Ratio Lower Upper

180 100

182 94.0 48.9 146.8

145 35.1 16.8 50.4

